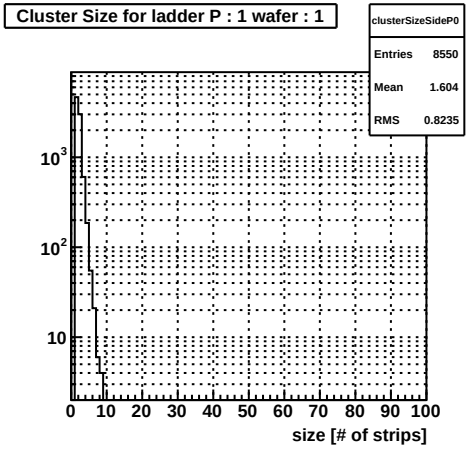
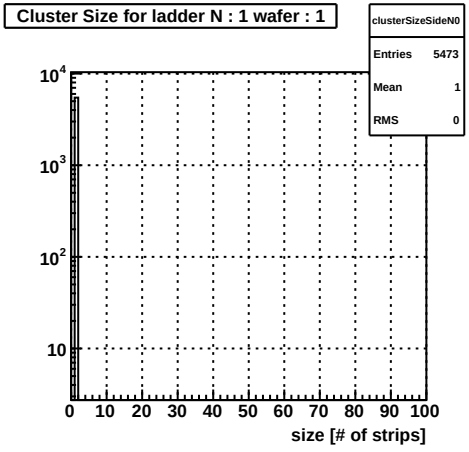
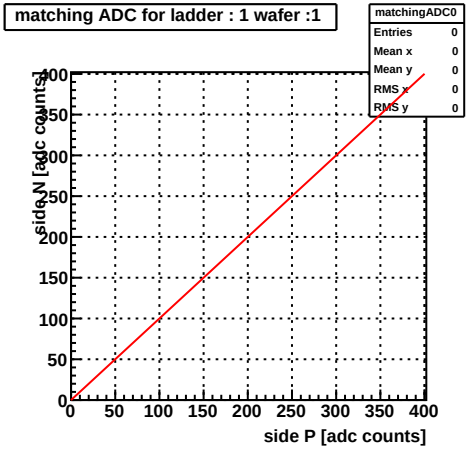
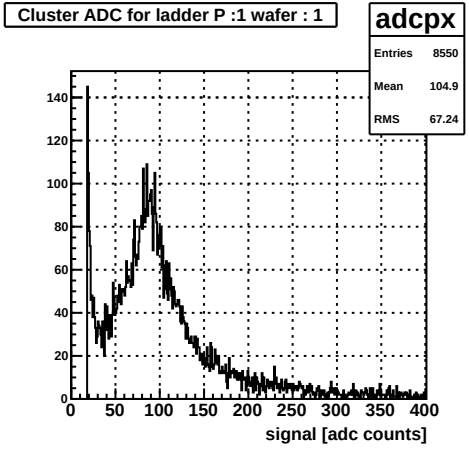
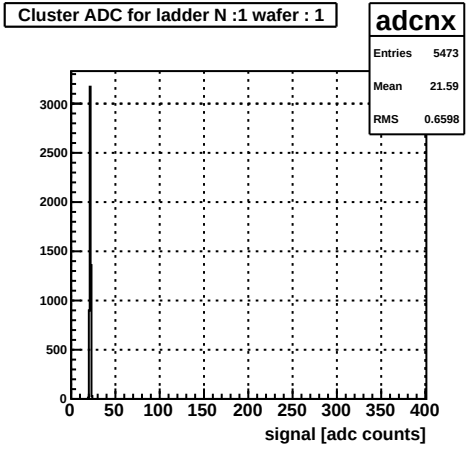
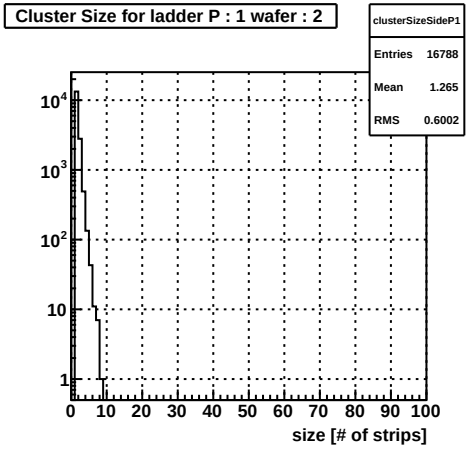

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 8550
Mean 1.604
RMS 0.8235
size [# of strips]

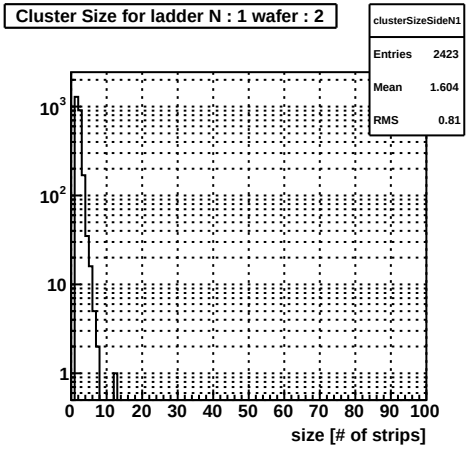

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 5473
Mean 1
RMS 0
size [# of strips]

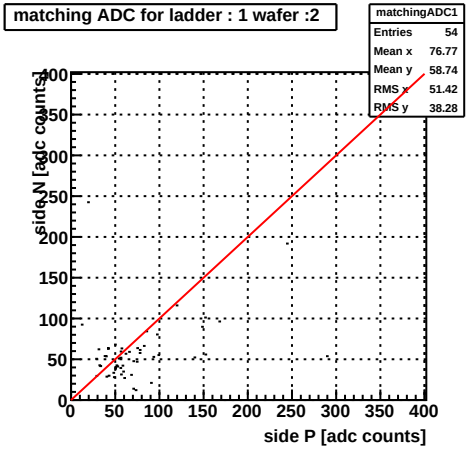

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

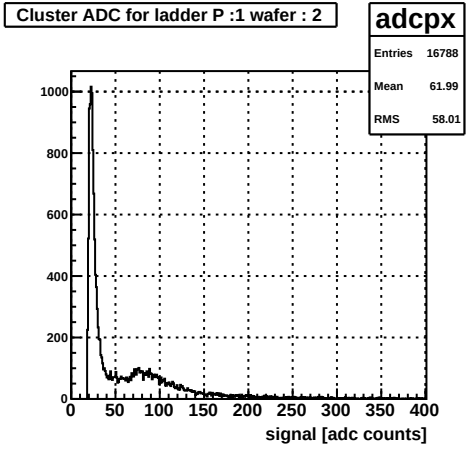

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 8550
Mean 104.9
RMS 67.24
signal [adc counts]

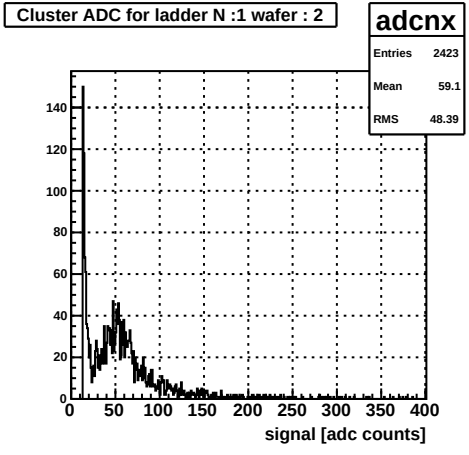

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 5473
Mean 21.59
RMS 0.6598
signal [adc counts]

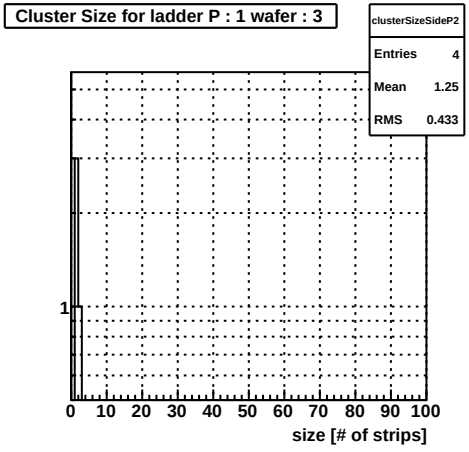

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 16788
Mean 1.265
RMS 0.6002
size [# of strips]

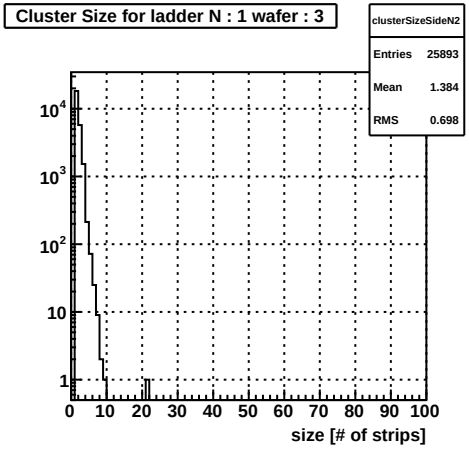

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2423
Mean 1.604
RMS 0.81
size [# of strips]

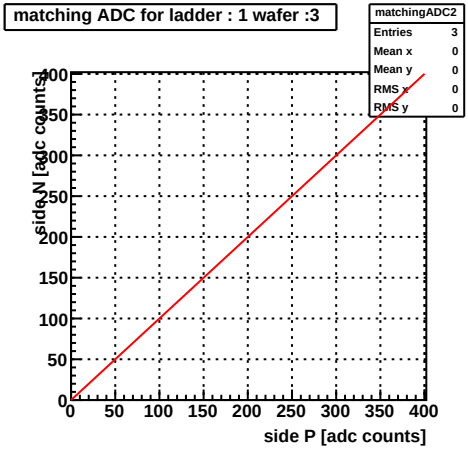

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 54
Mean x 76.77
Mean y 58.74
RMS x 51.42
RMS y 38.28
side N [adc counts]
side P [adc counts]

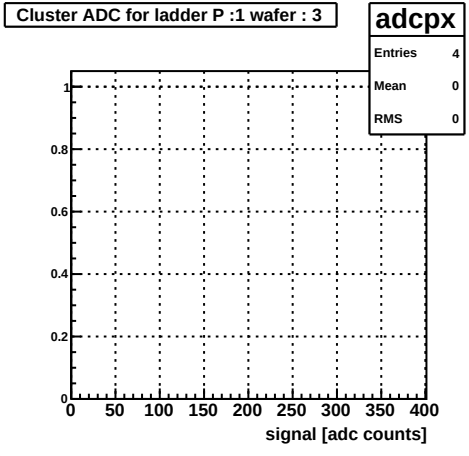

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 16788
Mean 61.99
RMS 58.01
signal [adc counts]

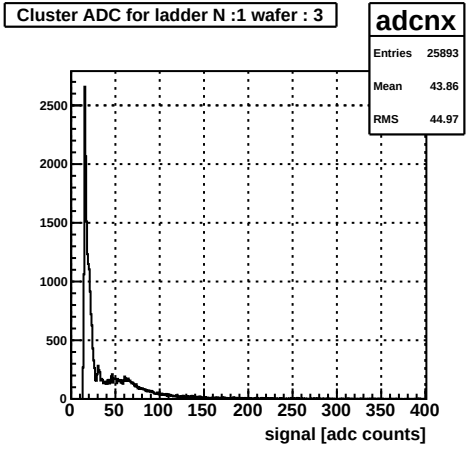

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2423
Mean 59.1
RMS 48.39
signal [adc counts]

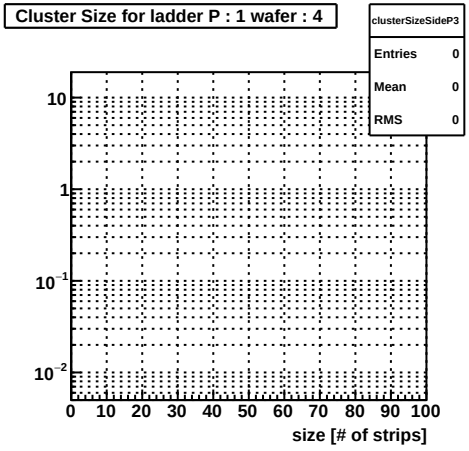

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

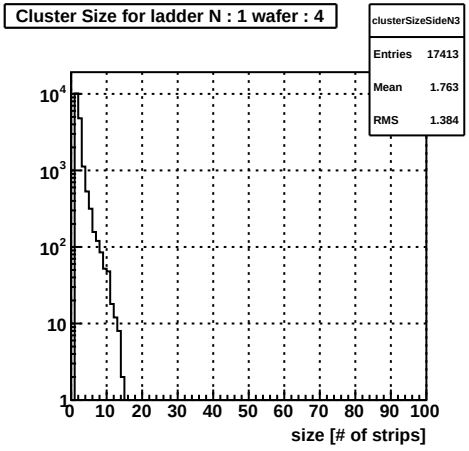

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 25893
Mean 1.384
RMS 0.698
size [# of strips]

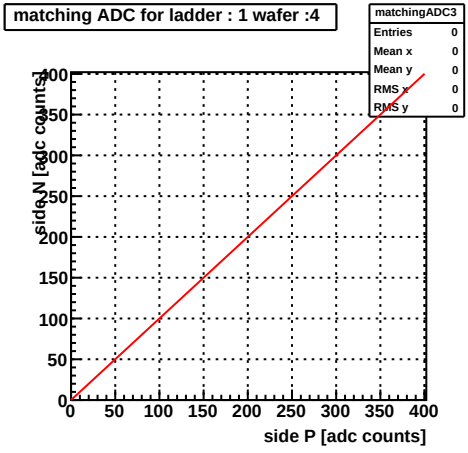

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

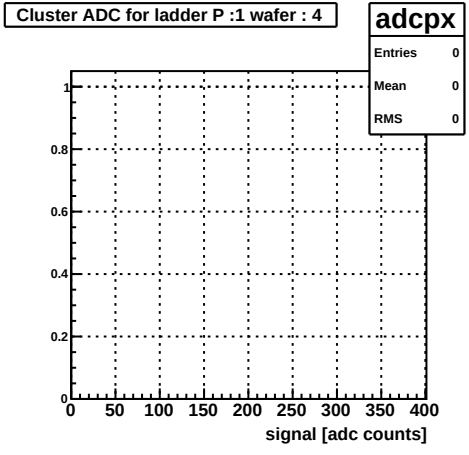

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

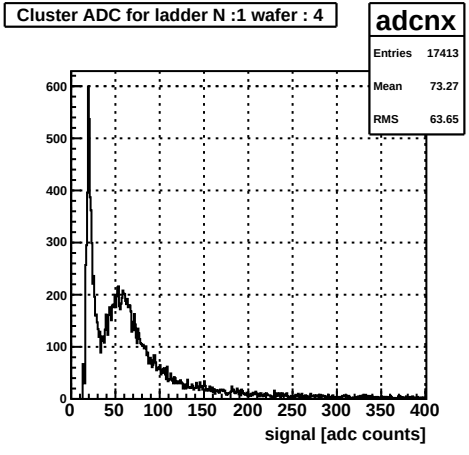

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 25893
Mean 43.86
RMS 44.97
signal [adc counts]

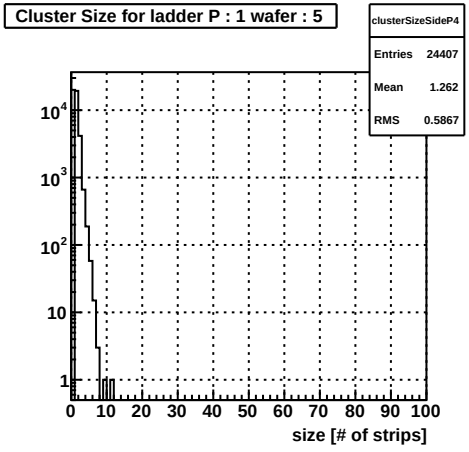

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

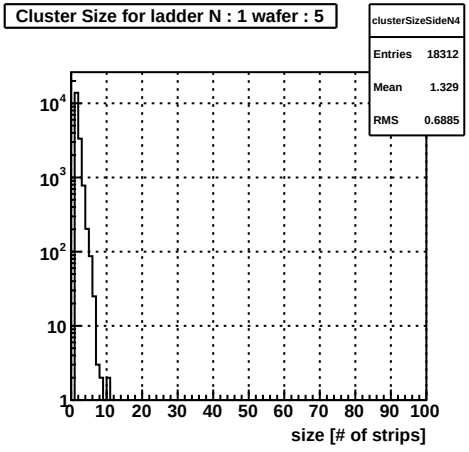

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 17413
Mean 1.763
RMS 1.384
size [# of strips]

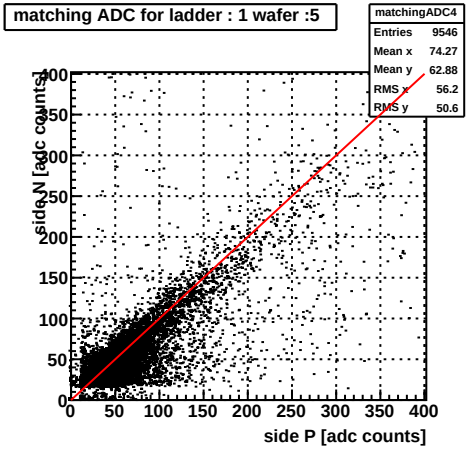

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

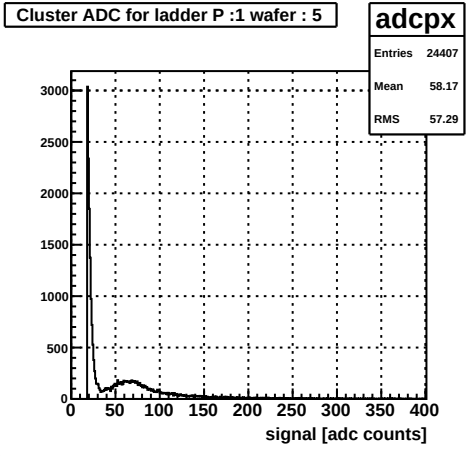

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

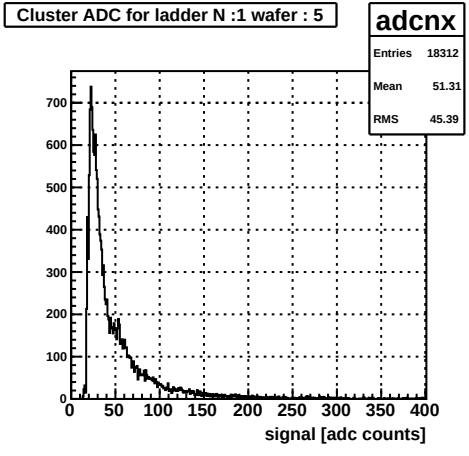

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 17413
Mean 73.27
RMS 63.65
signal [adc counts]

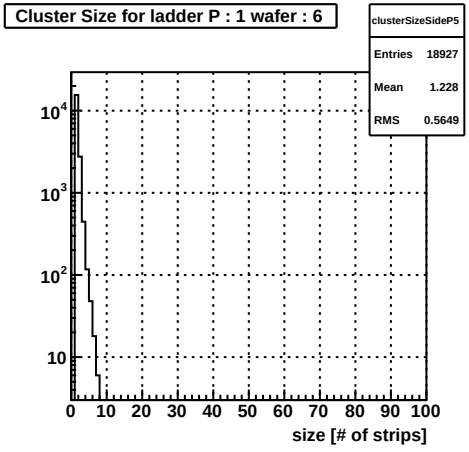

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 24407
Mean 1.262
RMS 0.5867
size [# of strips]

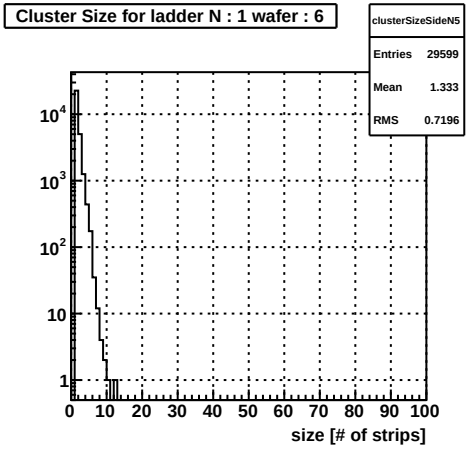

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 18312
Mean 1.329
RMS 0.6885
size [# of strips]

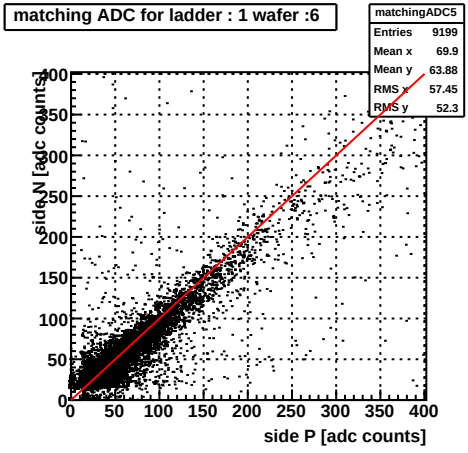

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 9546
Mean x 74.27
Mean y 62.88
RMS x 56.2
RMS y 50.6
side N [adc counts]
side P [adc counts]

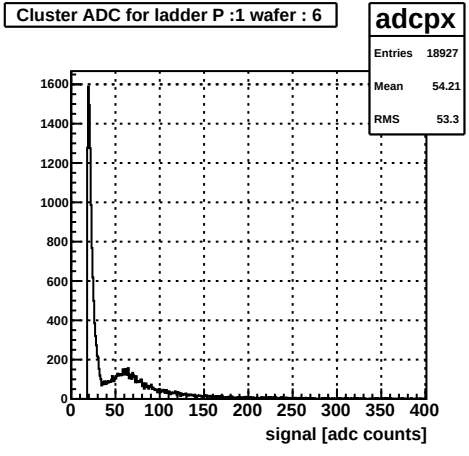

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 24407
Mean 58.17
RMS 57.29
signal [adc counts]

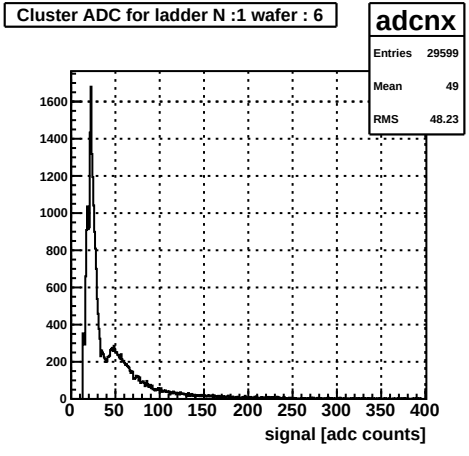

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 18312
Mean 51.31
RMS 45.39
signal [adc counts]

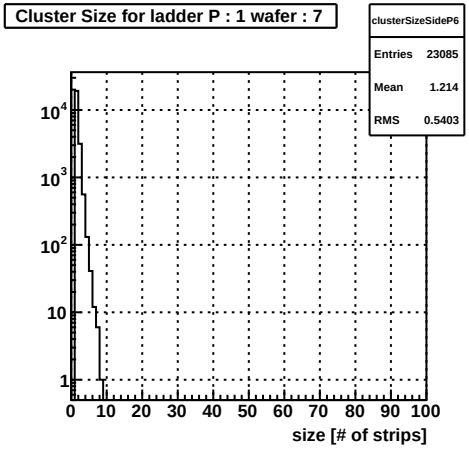

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 18927
Mean 1.228
RMS 0.5649
size [# of strips]

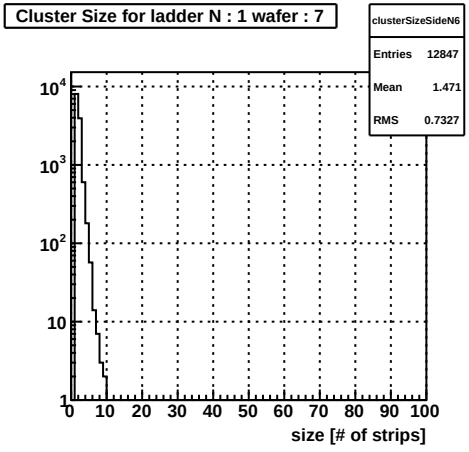

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 29599
Mean 1.333
RMS 0.7196
size [# of strips]

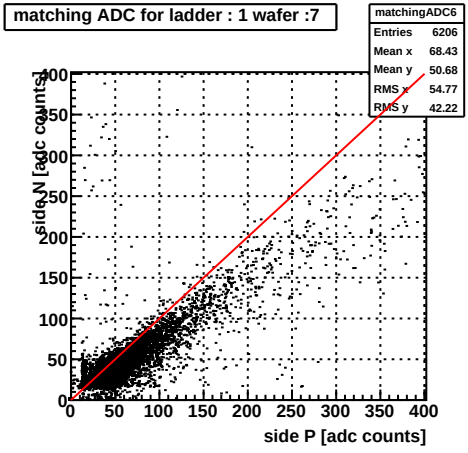

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9199
Mean x 69.9
Mean y 63.88
RMS x 57.45
RMS y 52.3
side N [adc counts]
side P [adc counts]

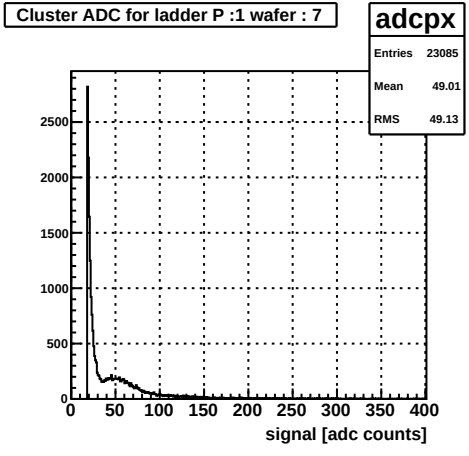

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 18927
Mean 54.21
RMS 53.3
signal [adc counts]

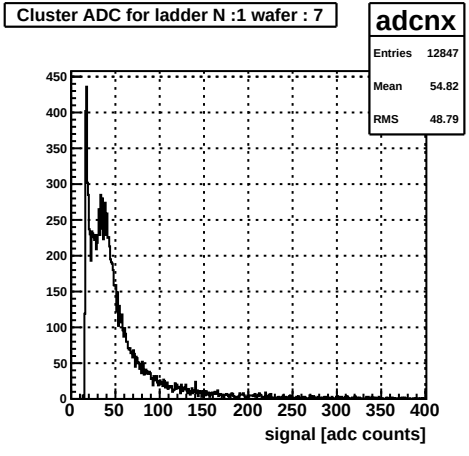

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 29599
Mean 49
RMS 48.23
signal [adc counts]

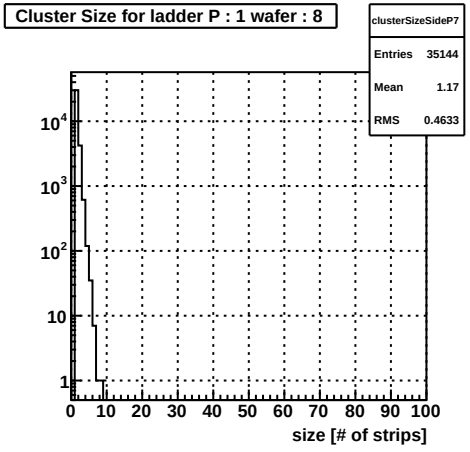

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 23085
Mean 1.214
RMS 0.5403
size [# of strips]

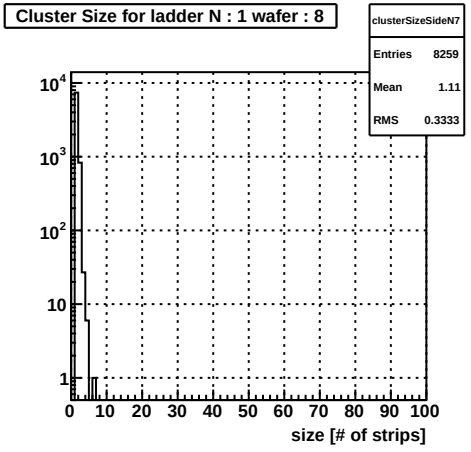

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 12847
Mean 1.471
RMS 0.7327
size [# of strips]

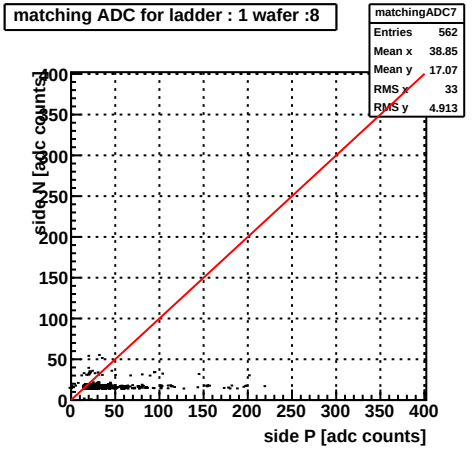

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6206
Mean x 68.43
Mean y 50.68
RMS x 54.77
RMS y 42.22
side N [adc counts]
side P [adc counts]

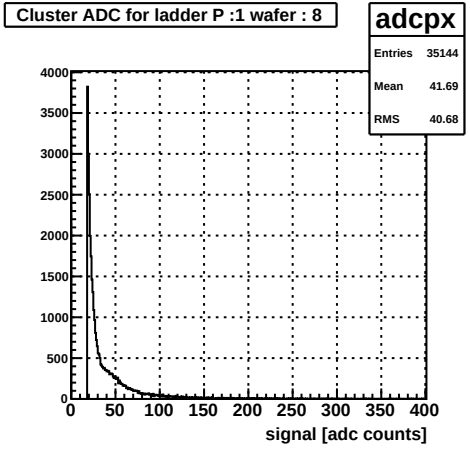

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 23085
Mean 49.01
RMS 49.13
signal [adc counts]

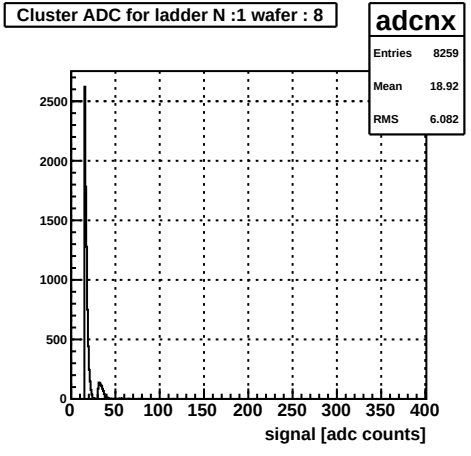

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 12847
Mean 54.82
RMS 48.79
signal [adc counts]

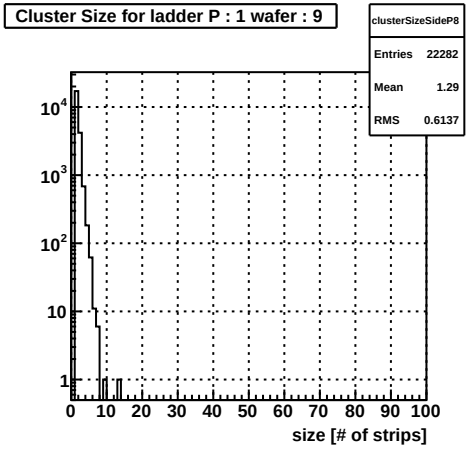

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 35144
Mean 1.17
RMS 0.4633
size [# of strips]

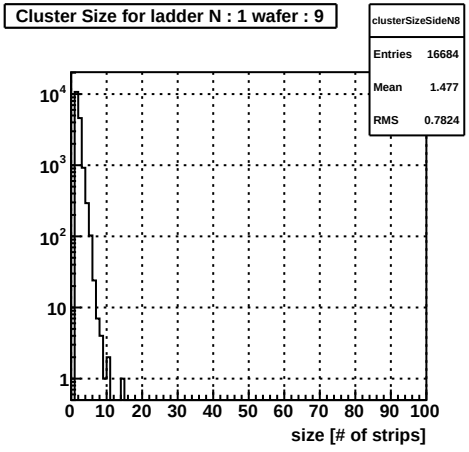

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8259
Mean 1.11
RMS 0.3333
size [# of strips]

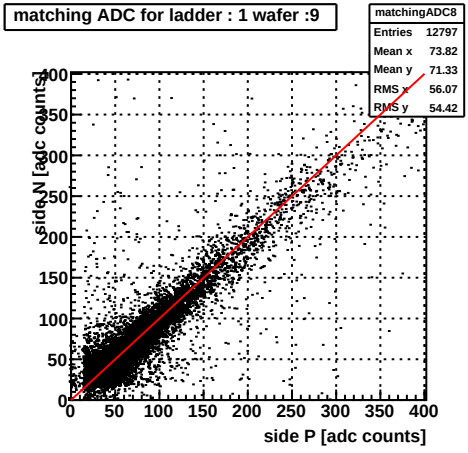

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 562
Mean x 38.85
Mean y 17.07
RMS x 33
RMS y 4.913
side N [adc counts]
side P [adc counts]

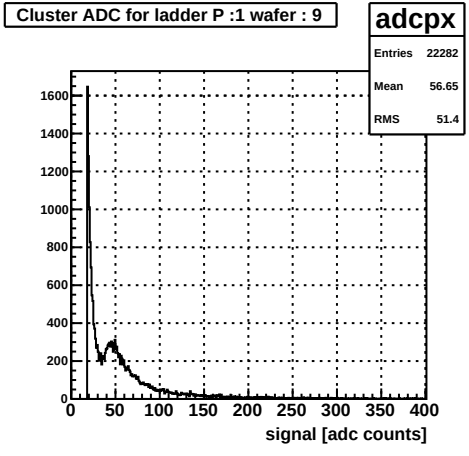

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 35144
Mean 41.69
RMS 40.68
signal [adc counts]

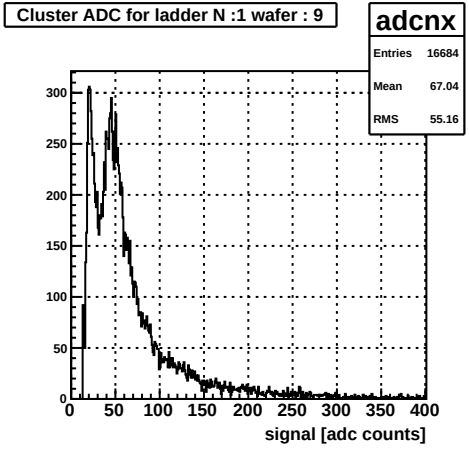

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8259
Mean 18.92
RMS 6.082
signal [adc counts]

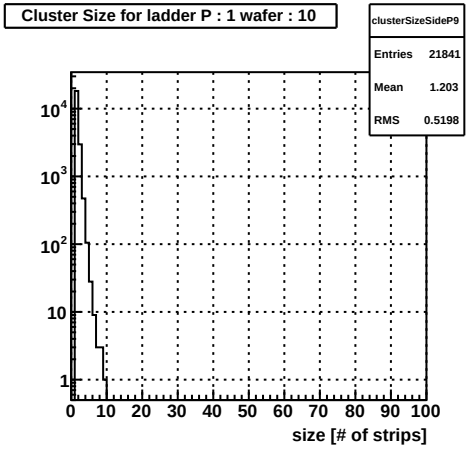

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 22282
Mean 1.29
RMS 0.6137
size [# of strips]

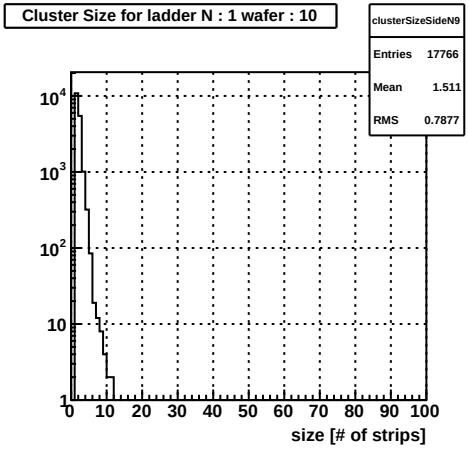

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 16684
Mean 1.477
RMS 0.7824
size [# of strips]

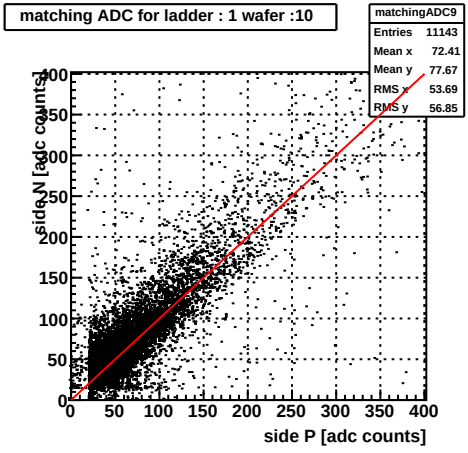

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 12797
Mean x 73.82
Mean y 71.33
RMS x 56.07
RMS y 54.42
side N [adc counts]
side P [adc counts]

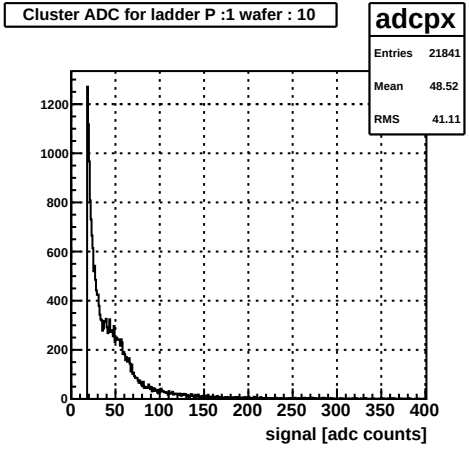

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 22282
Mean 56.65
RMS 51.4
signal [adc counts]

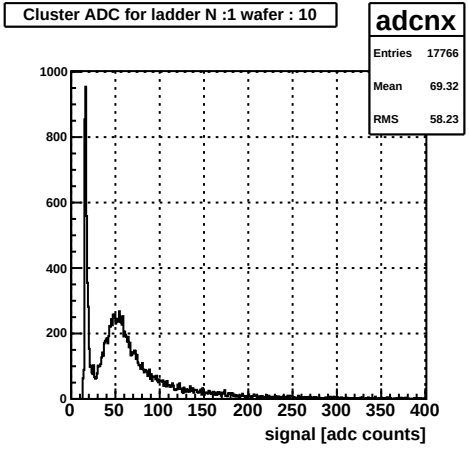

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 16684
Mean 67.04
RMS 55.16
signal [adc counts]

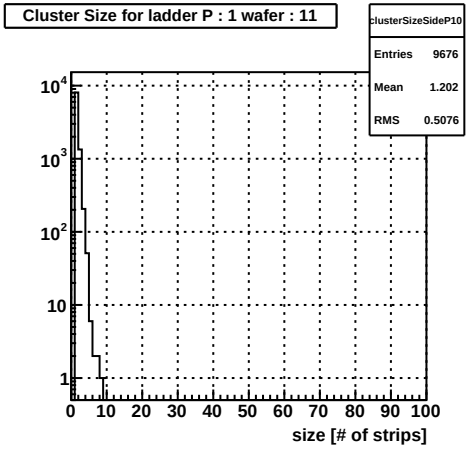

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 21841
Mean 1.203
RMS 0.5198
size [# of strips]

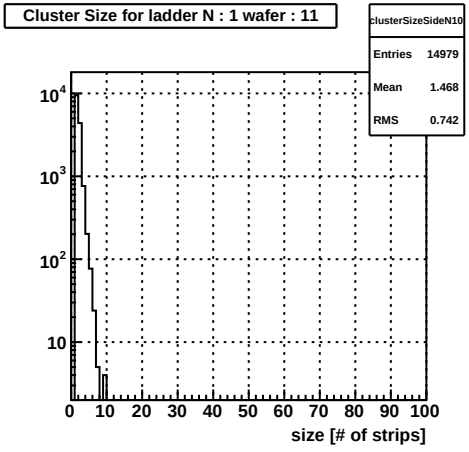

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 17766
Mean 1.511
RMS 0.7877
size [# of strips]

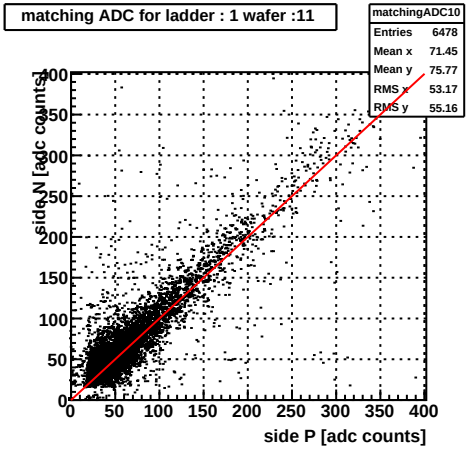

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 11143
Mean x 72.41
Mean y 77.67
RMS x 53.69
RMS y 56.85
side N [adc counts]
side P [adc counts]

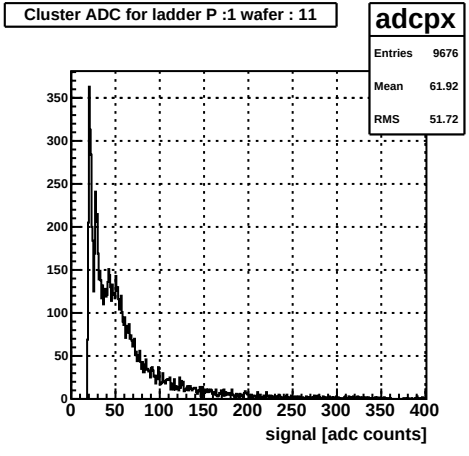

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 21841
Mean 48.52
RMS 41.11
signal [adc counts]

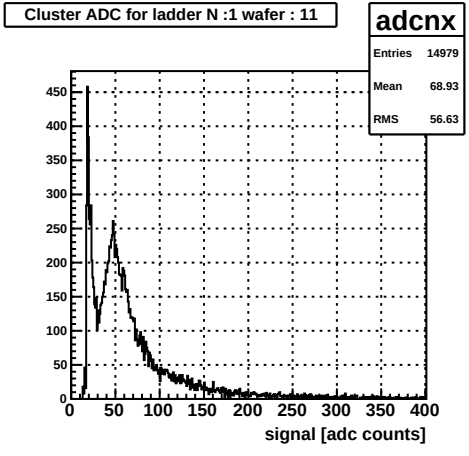

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 17766
Mean 69.32
RMS 58.23
signal [adc counts]

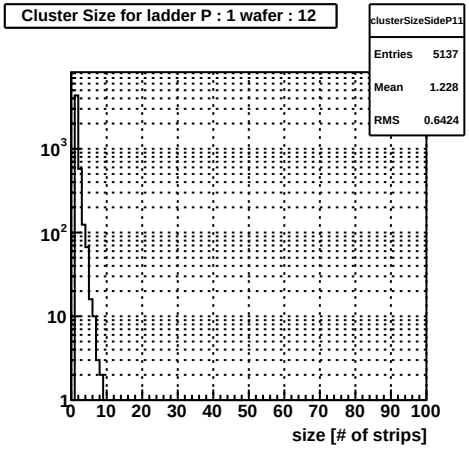

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9676
Mean 1.202
RMS 0.5076
size [# of strips]

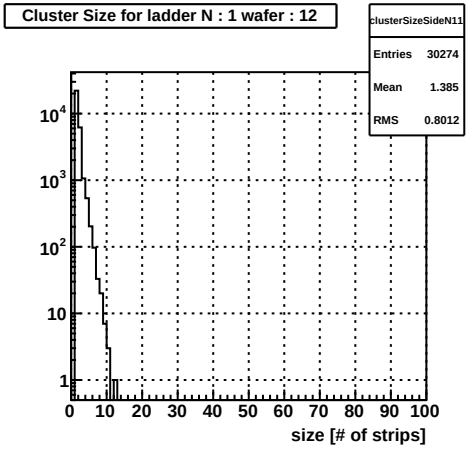

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 14979
Mean 1.468
RMS 0.742
size [# of strips]

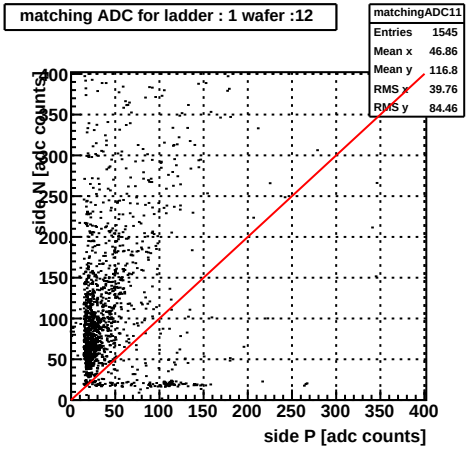

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 6478
Mean x 71.45
Mean y 75.77
RMS x 53.17
RMS y 55.16
side N [adc counts]
side P [adc counts]

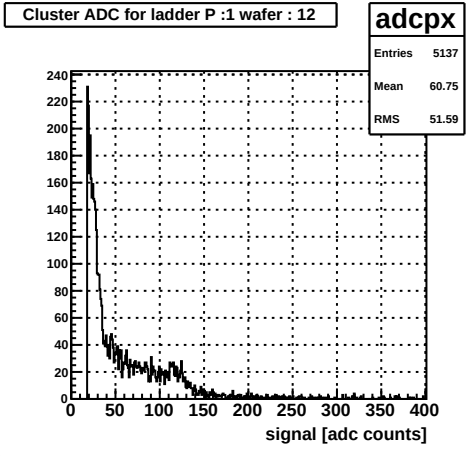

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9676
Mean 61.92
RMS 51.72
signal [adc counts]

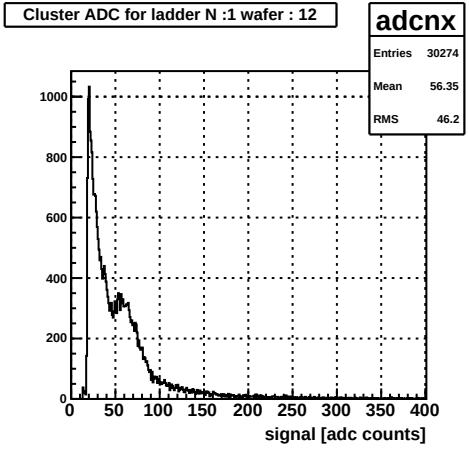

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 14979
Mean 68.93
RMS 56.63
signal [adc counts]

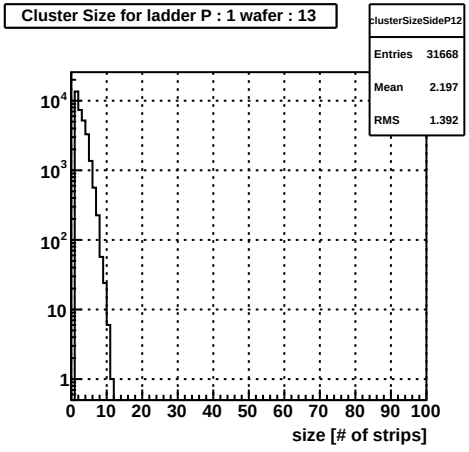

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 5137
Mean 1.228
RMS 0.6424
size [# of strips]

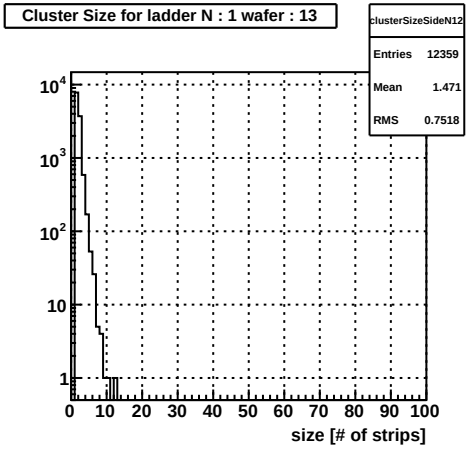

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 30274
Mean 1.385
RMS 0.8012
size [# of strips]

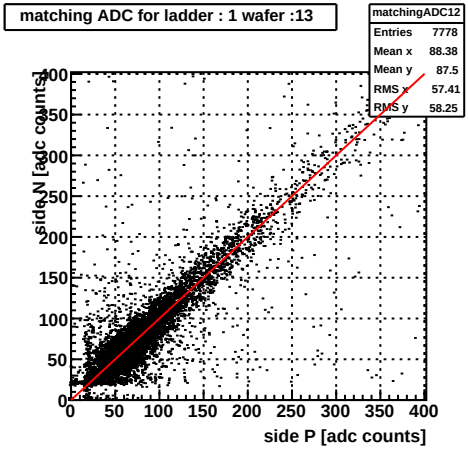

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1545
Mean x 46.86
Mean y 116.8
RMS x 39.76
RMS y 84.46
side N [adc counts]
side P [adc counts]

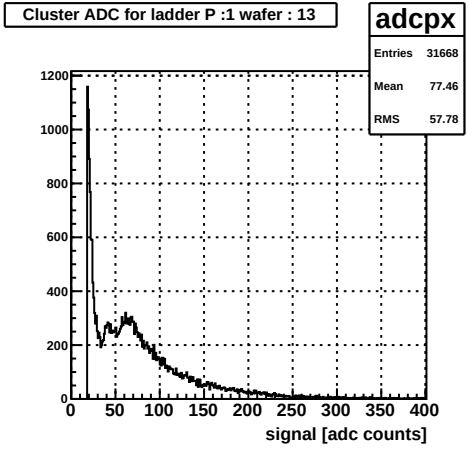

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 5137
Mean 60.75
RMS 51.59
signal [adc counts]

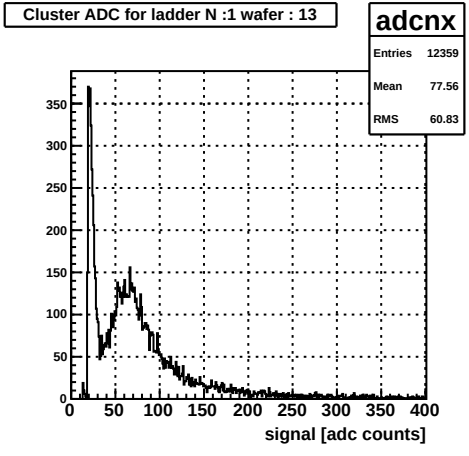

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 30274
Mean 56.35
RMS 46.2
signal [adc counts]

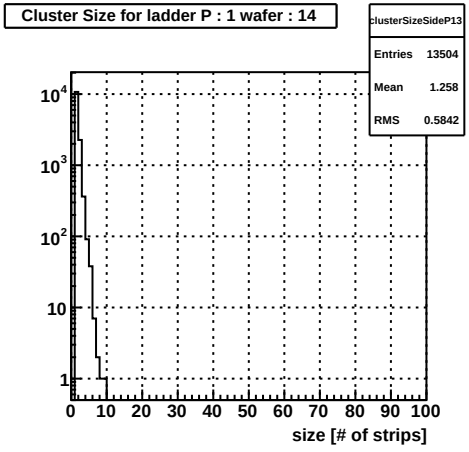

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 31668
Mean 2.197
RMS 1.392
size [# of strips]

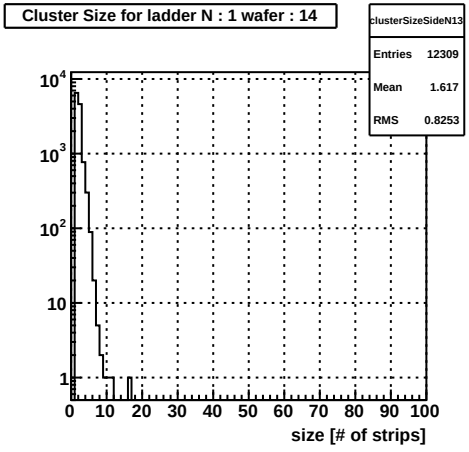

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 12359
Mean 1.471
RMS 0.7518
size [# of strips]

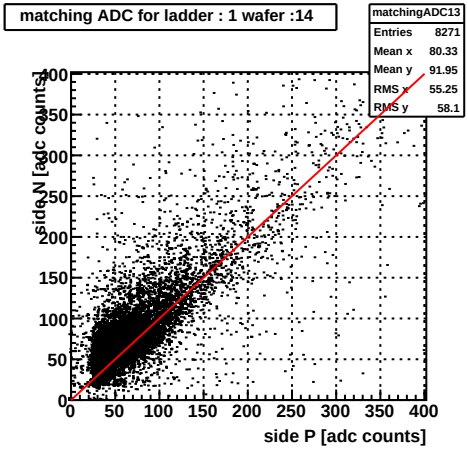

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 7778
Mean x 88.38
Mean y 87.5
RMS x 57.41
RMS y 58.25
side N [adc counts]
side P [adc counts]

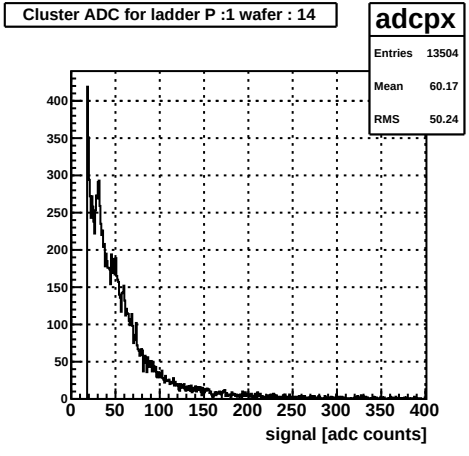

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 31668
Mean 77.46
RMS 57.78
signal [adc counts]

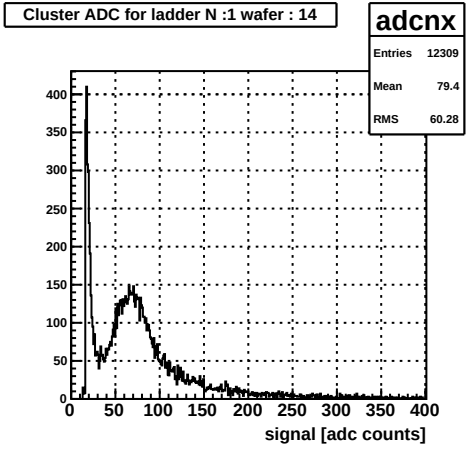

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 12359
Mean 77.56
RMS 60.83
signal [adc counts]

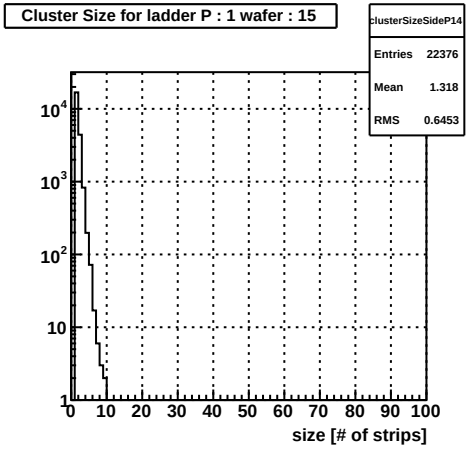

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 13504
Mean 1.258
RMS 0.5842
size [# of strips]

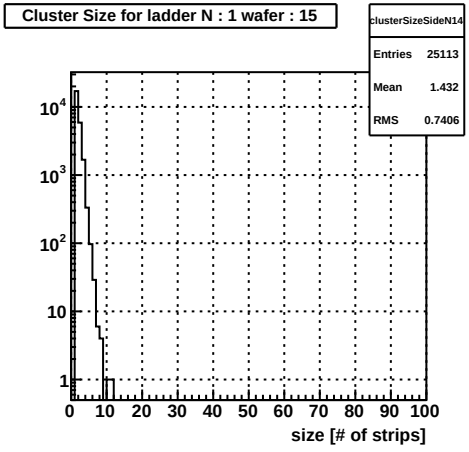

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 12309
Mean 1.617
RMS 0.8253
size [# of strips]

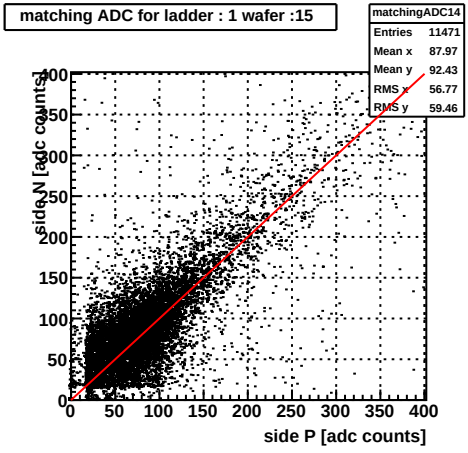

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8271
Mean x 80.33
Mean y 91.95
RMS x 55.25
RMS y 58.1
side N [adc counts]
side P [adc counts]

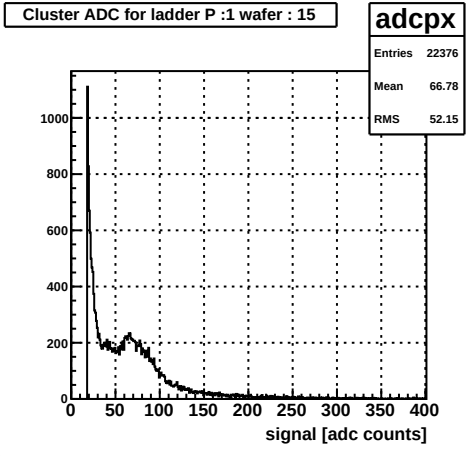

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 13504
Mean 60.17
RMS 50.24
signal [adc counts]

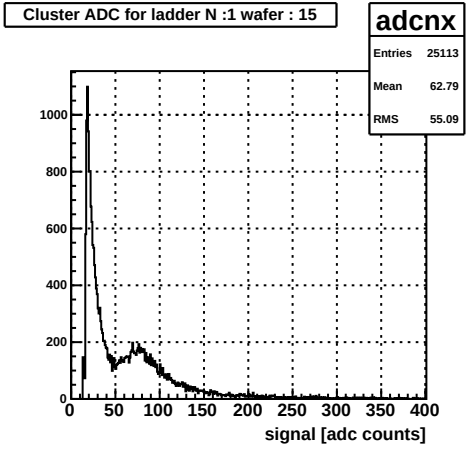

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 12309
Mean 79.4
RMS 60.28
signal [adc counts]

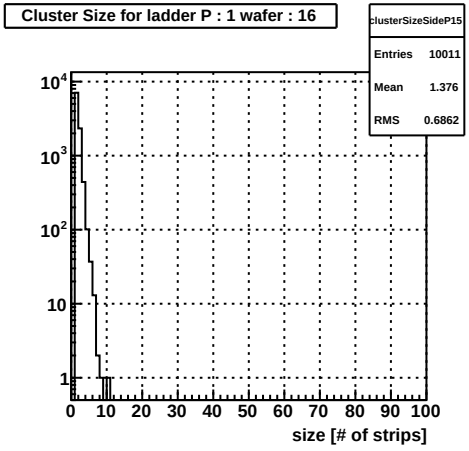

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 22376
Mean 1.318
RMS 0.6453
size [# of strips]

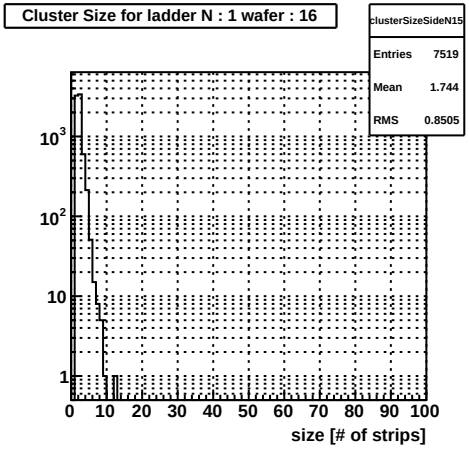

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 25113
Mean 1.432
RMS 0.7406
size [# of strips]

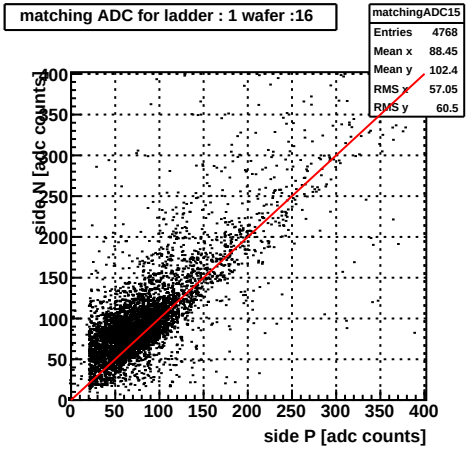

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 11471
Mean x 87.97
Mean y 92.43
RMS x 56.77
RMS y 59.46
side N [adc counts]
side P [adc counts]

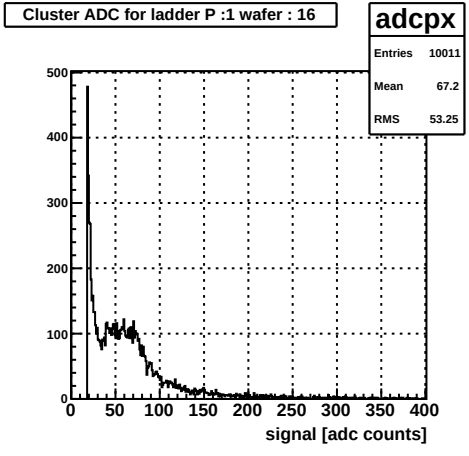

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 22376
Mean 66.78
RMS 52.15
signal [adc counts]

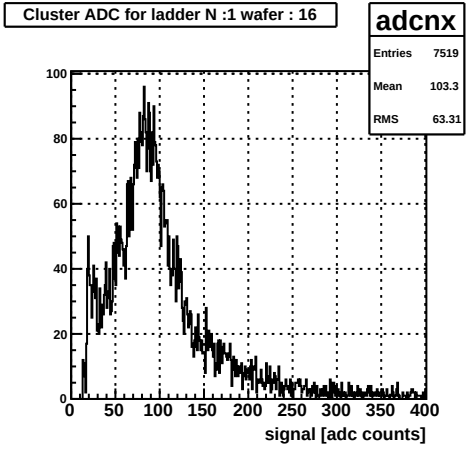

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 25113
Mean 62.79
RMS 55.09
signal [adc counts]

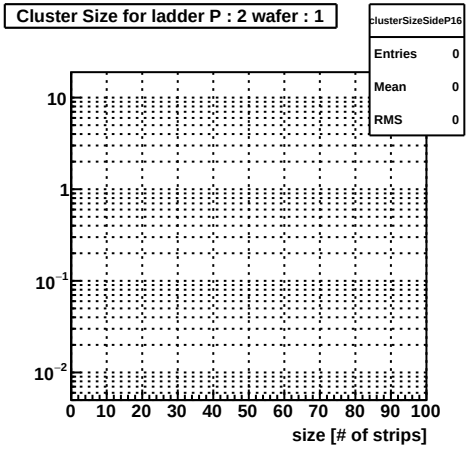

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 10011
Mean 1.376
RMS 0.6862
size [# of strips]

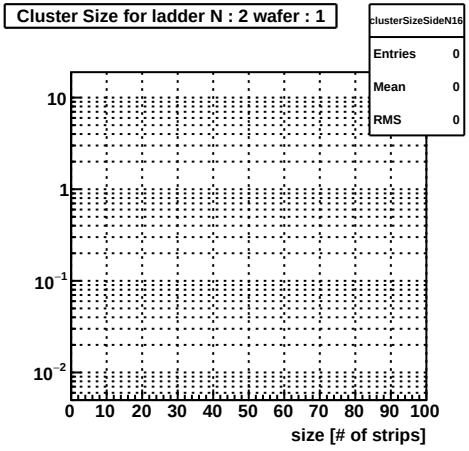

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7519
Mean 1.744
RMS 0.8505
size [# of strips]

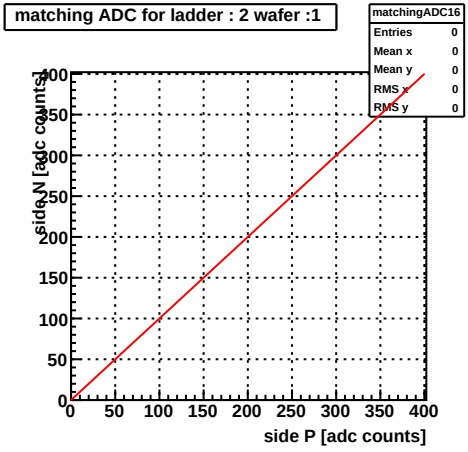

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 4768
Mean x 88.45
Mean y 102.4
RMS x 57.05
RMS y 60.5
side N [adc counts]
side P [adc counts]

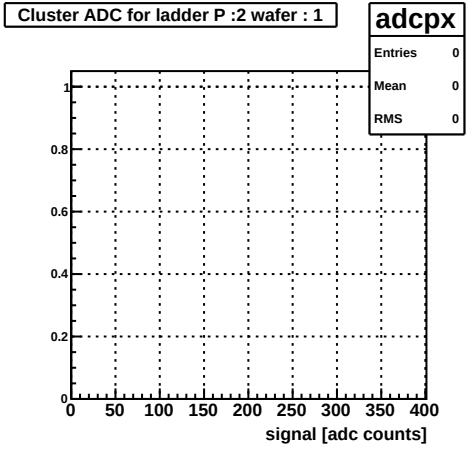

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 10011
Mean 67.2
RMS 53.25
signal [adc counts]

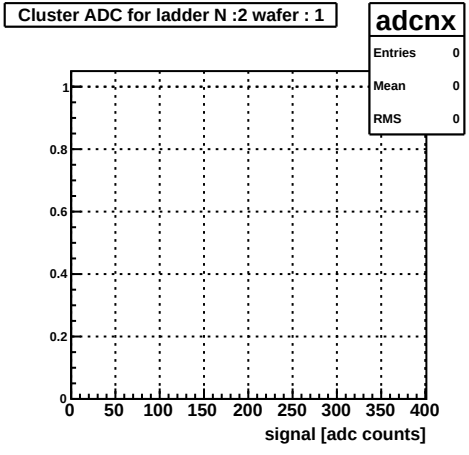

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7519
Mean 103.3
RMS 63.31
signal [adc counts]

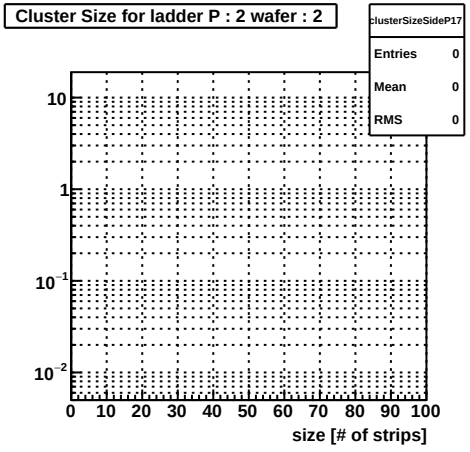

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

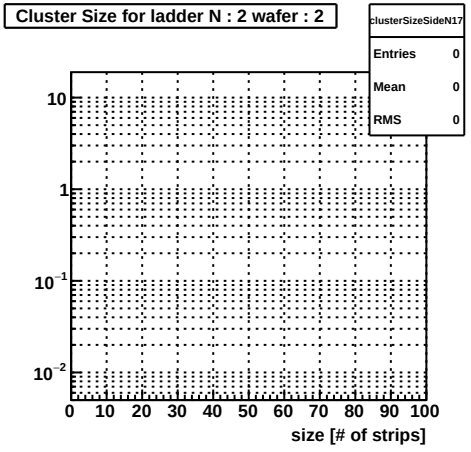

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

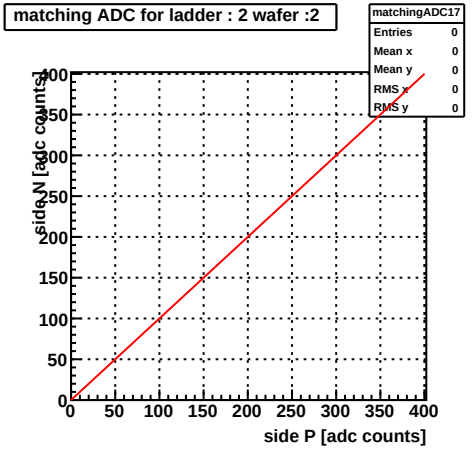

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

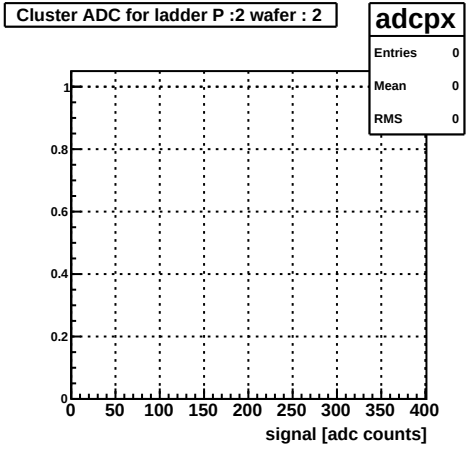

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

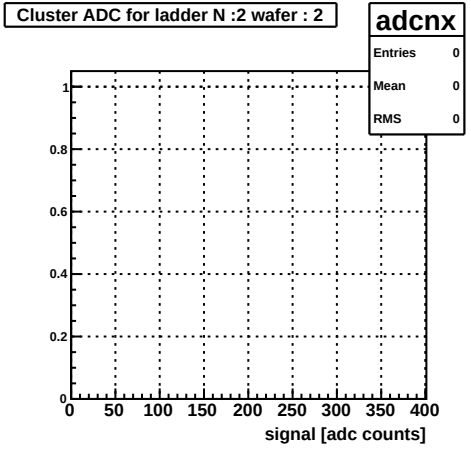

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

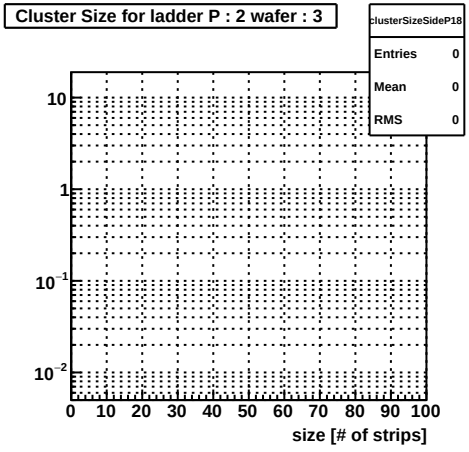

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

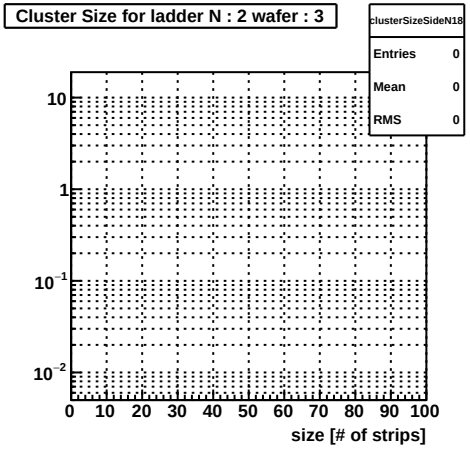

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

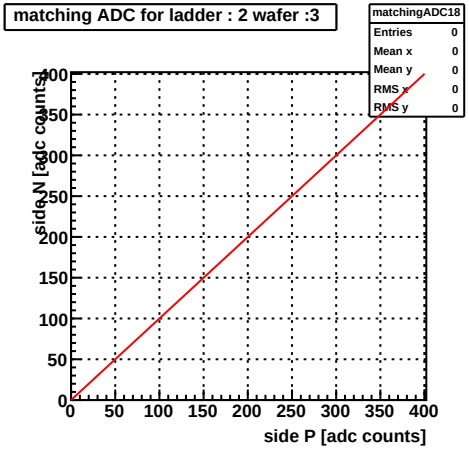

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

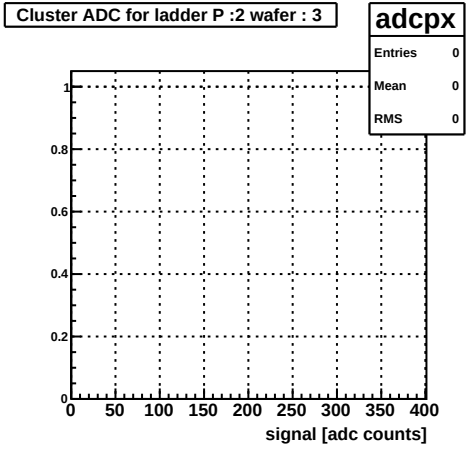

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

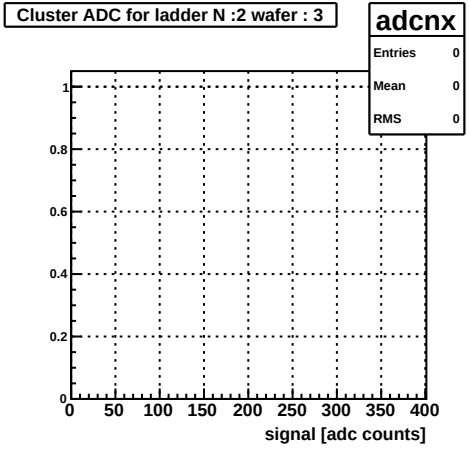

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

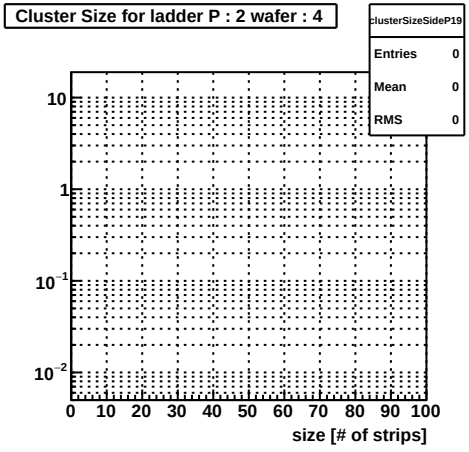

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

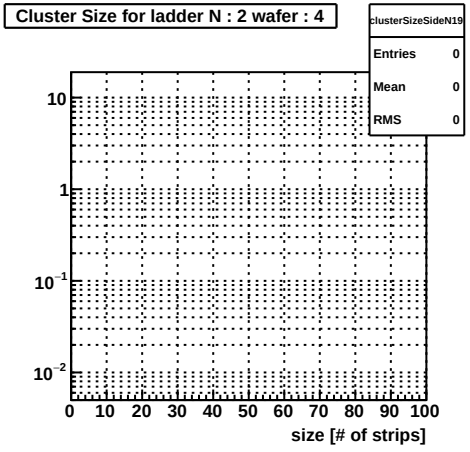

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

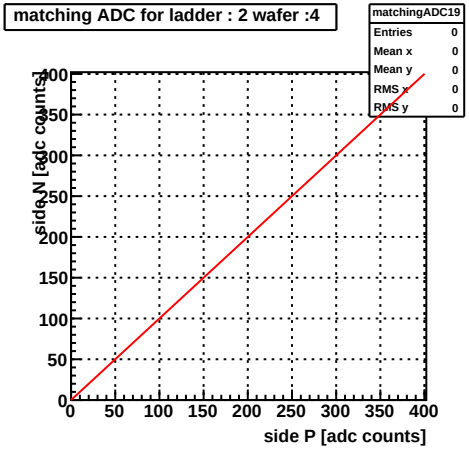

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

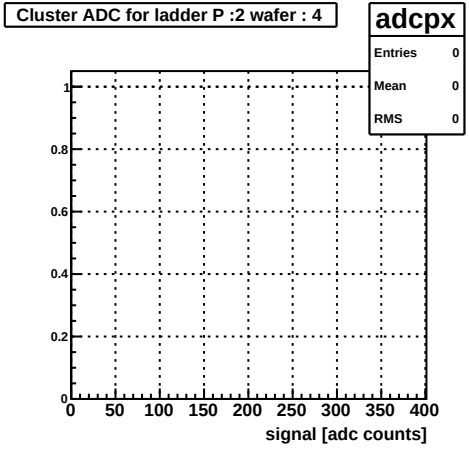

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

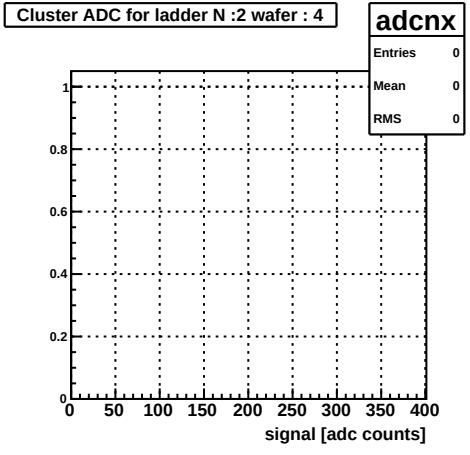

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

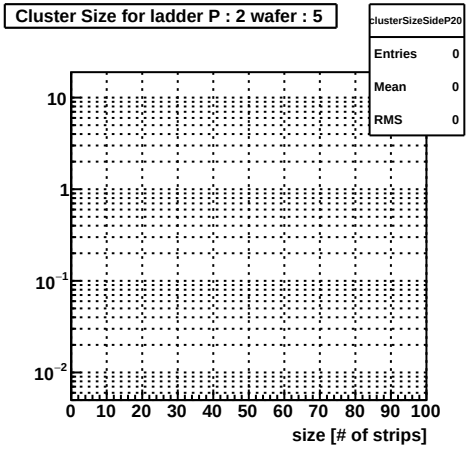

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

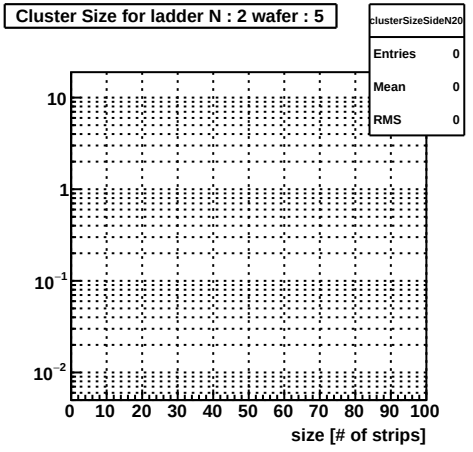

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

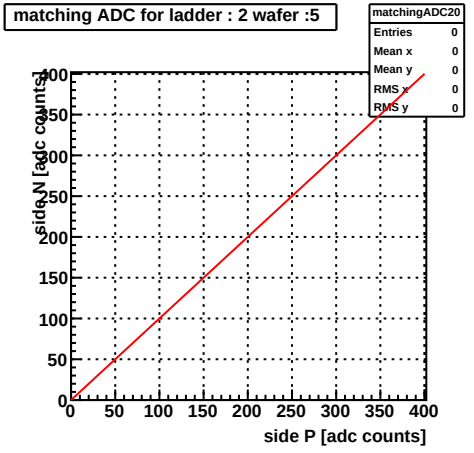

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

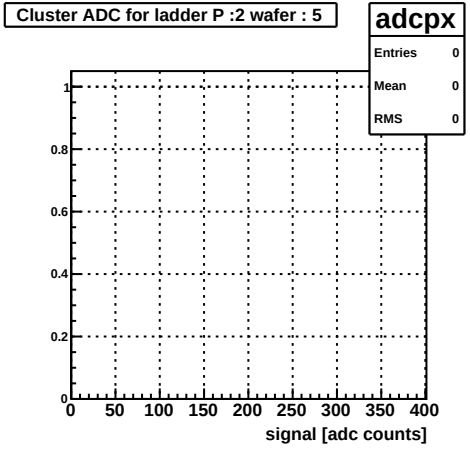

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

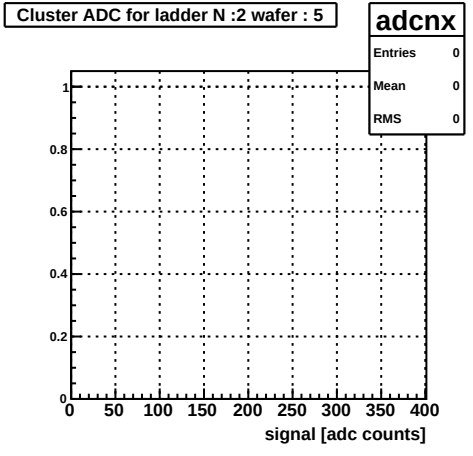

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

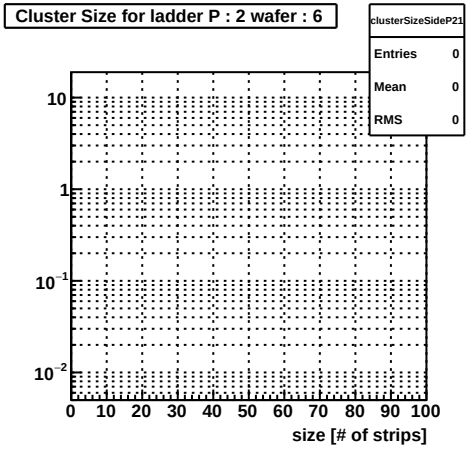

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

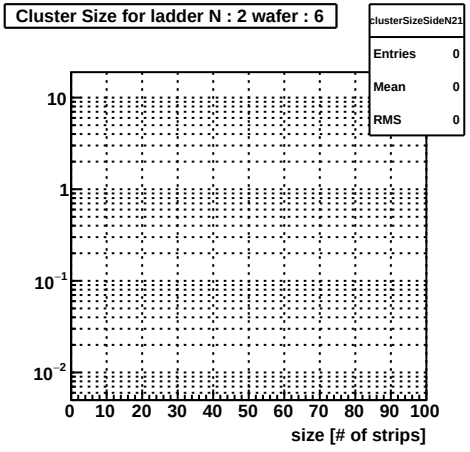

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

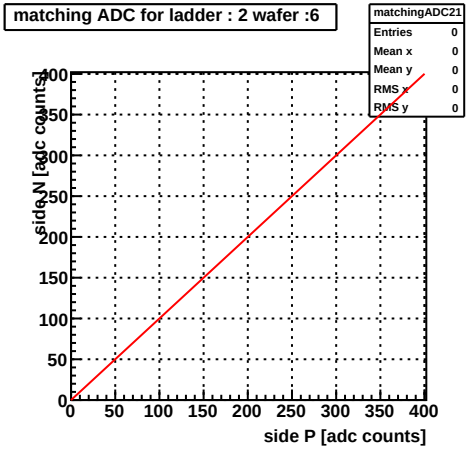

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

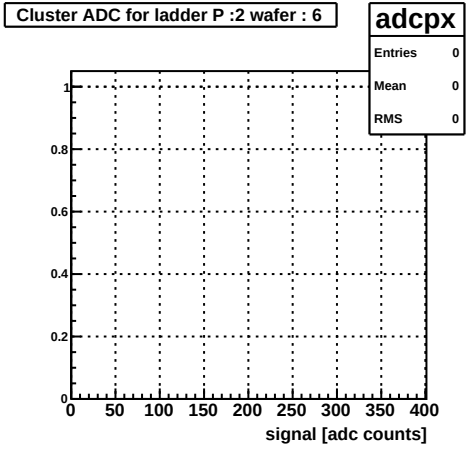

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

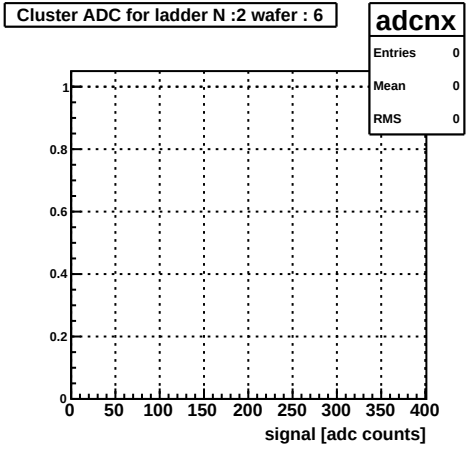

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

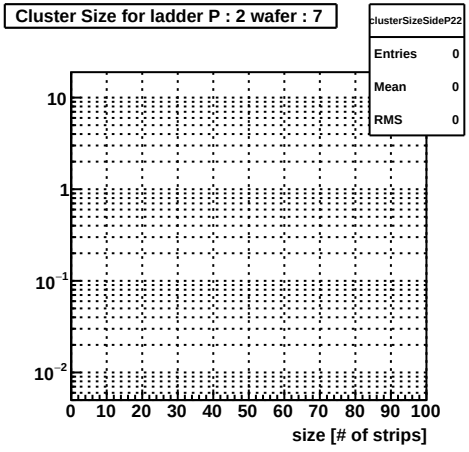

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

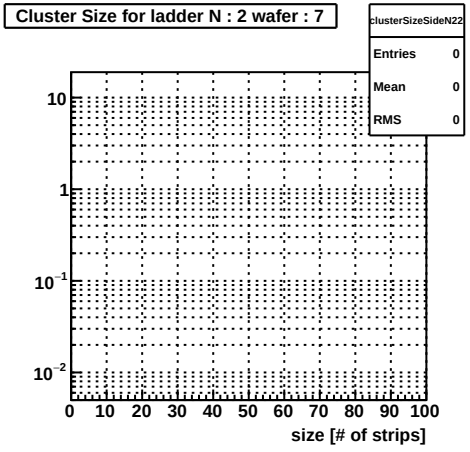

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

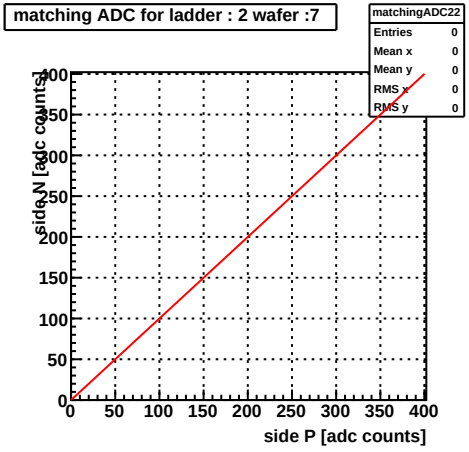

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

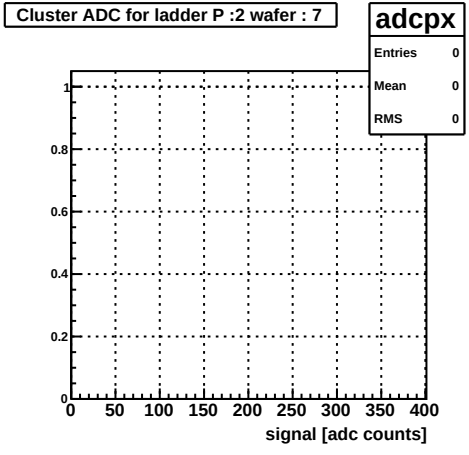

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

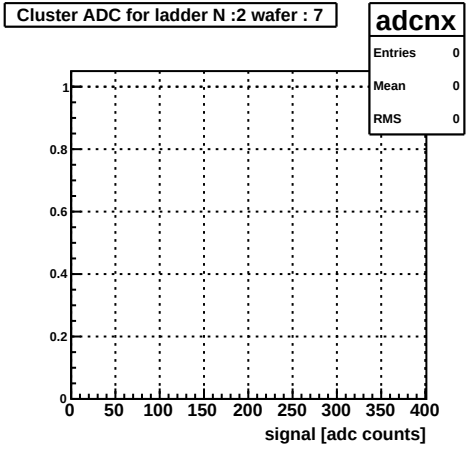

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

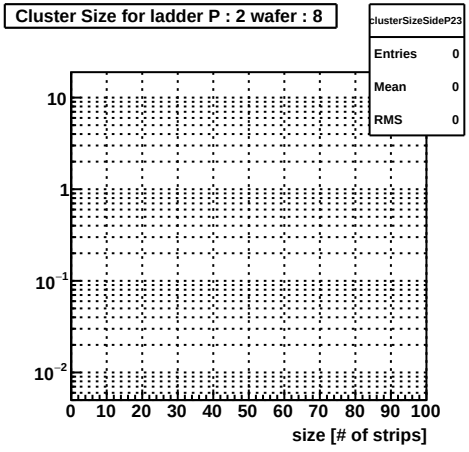

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

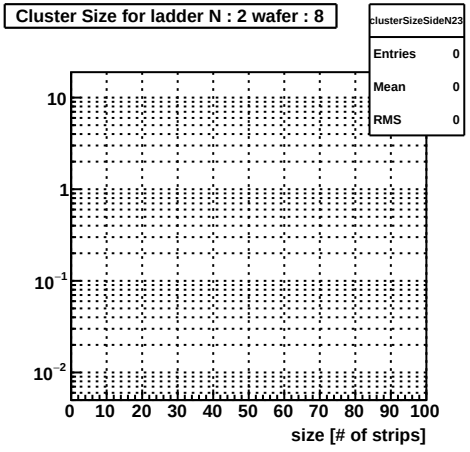

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

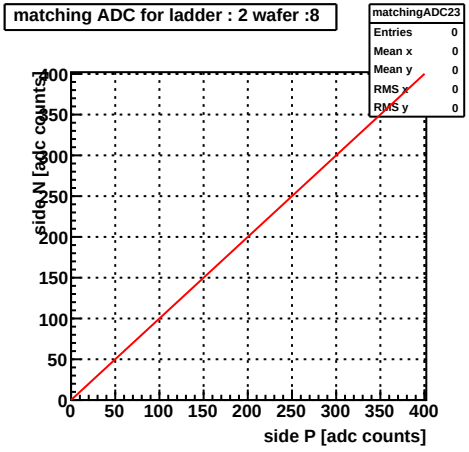

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

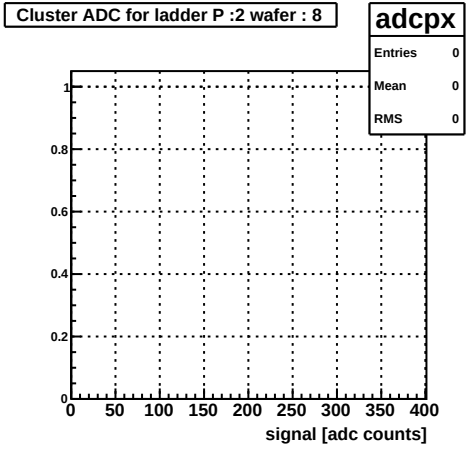

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

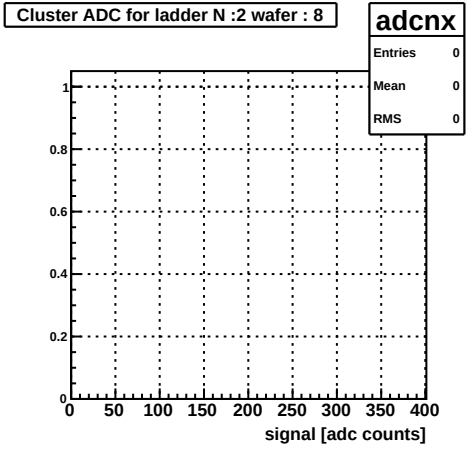

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

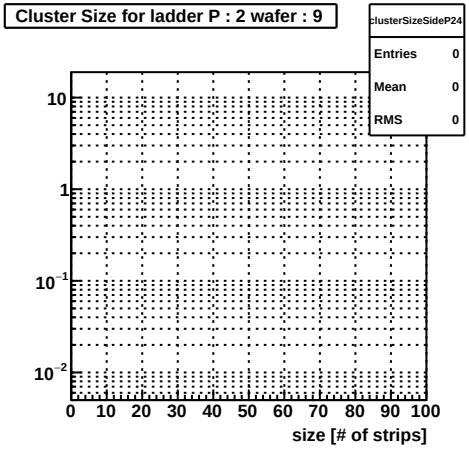

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

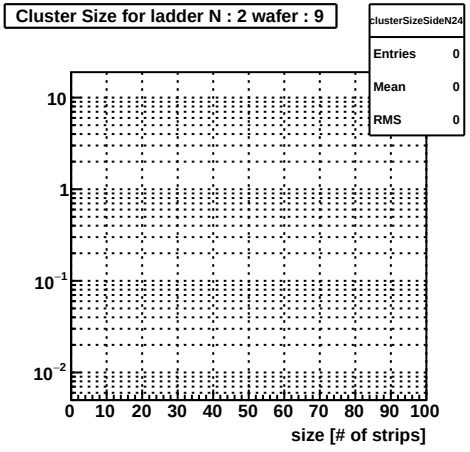

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

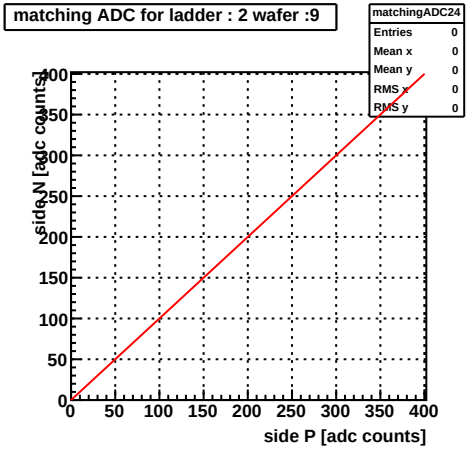

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

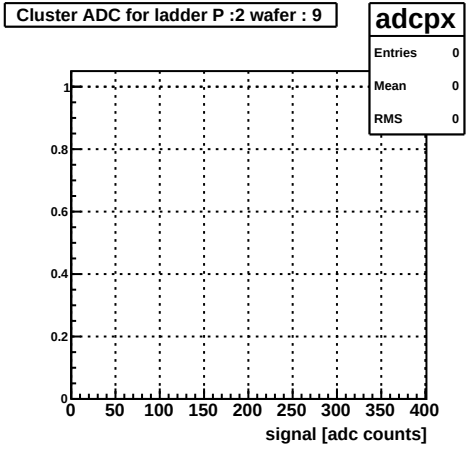

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

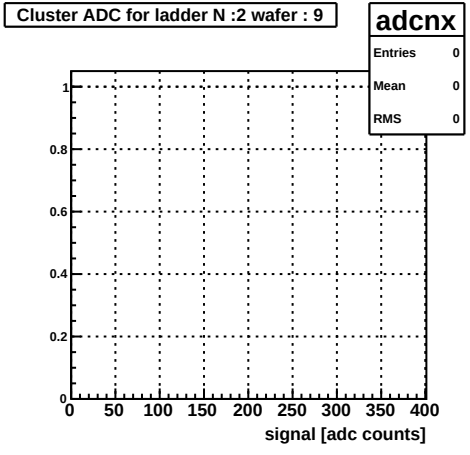

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

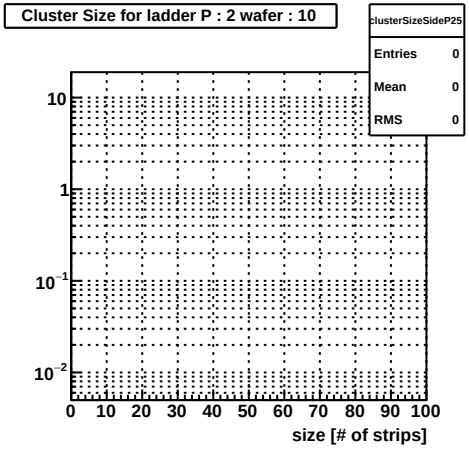

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

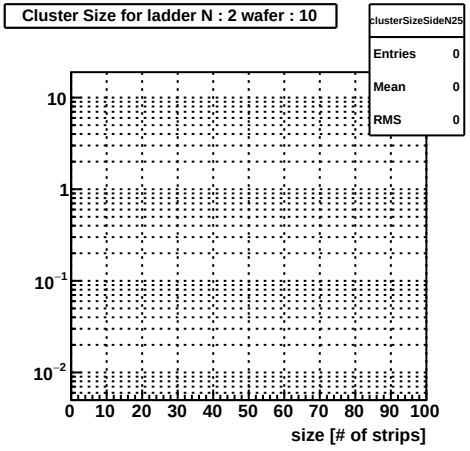

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

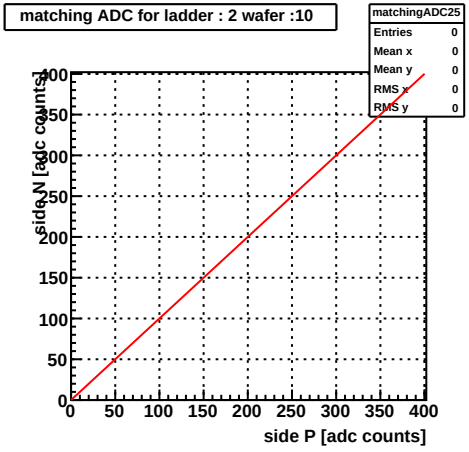

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

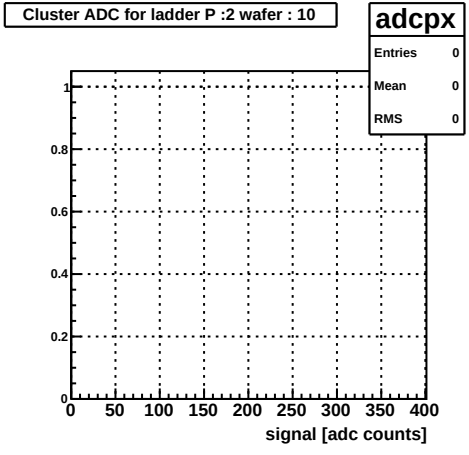

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

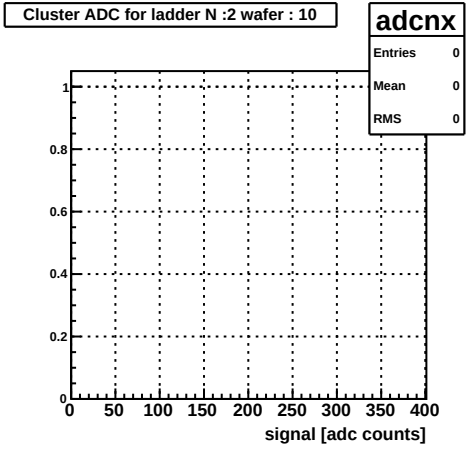

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

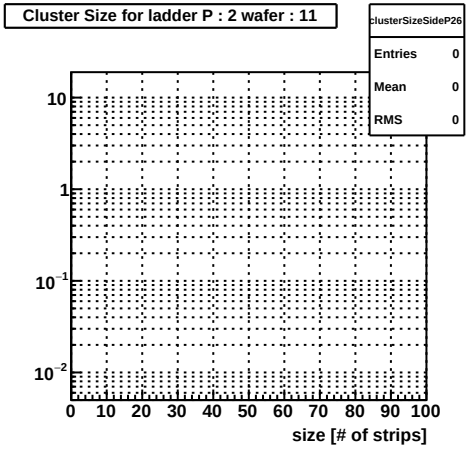

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

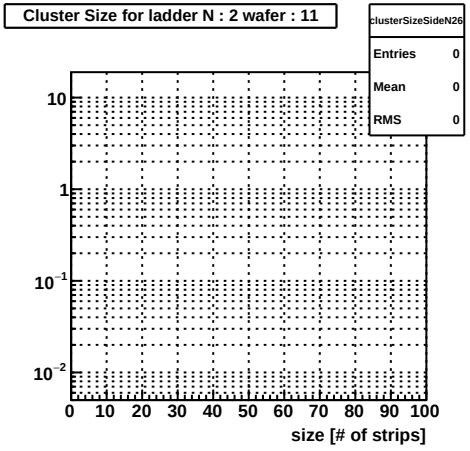

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

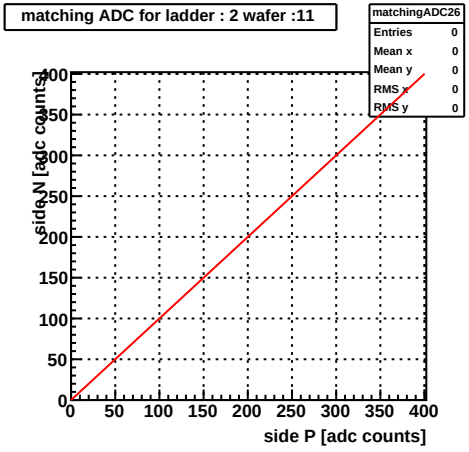

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

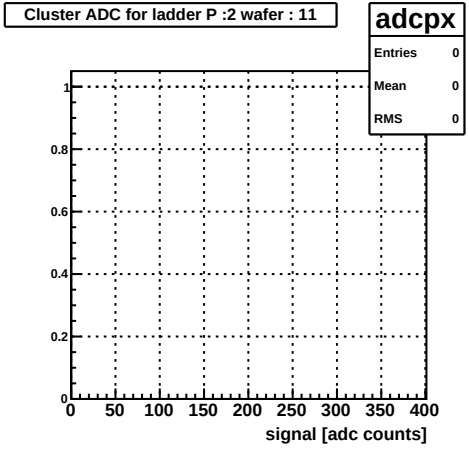

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

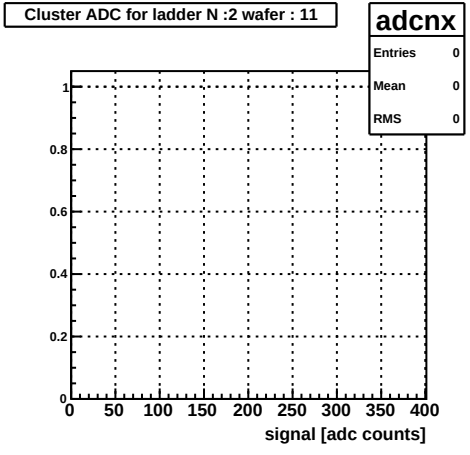

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

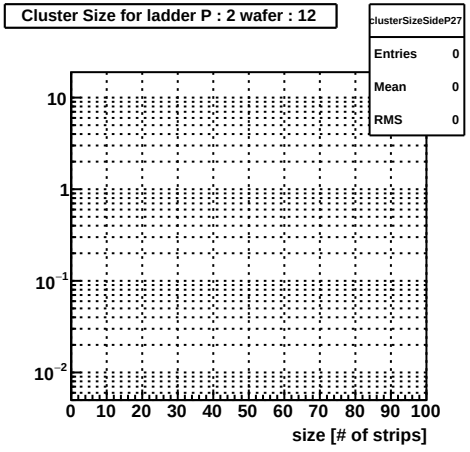

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

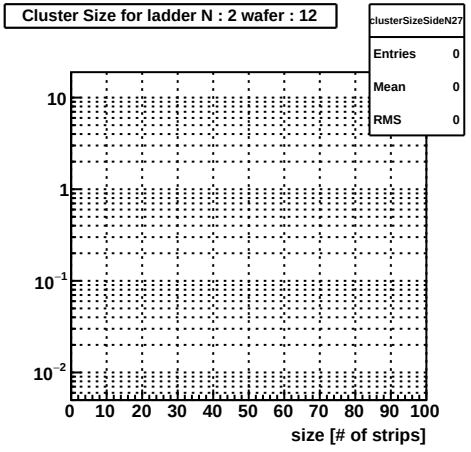

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

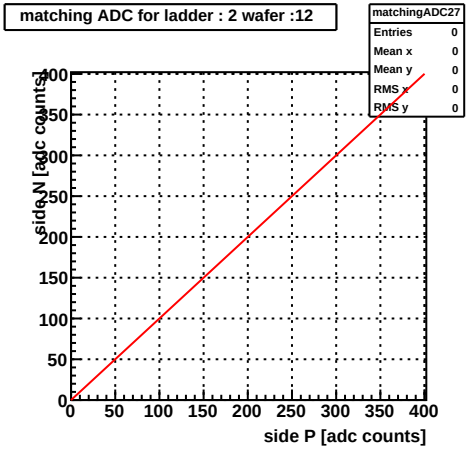

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

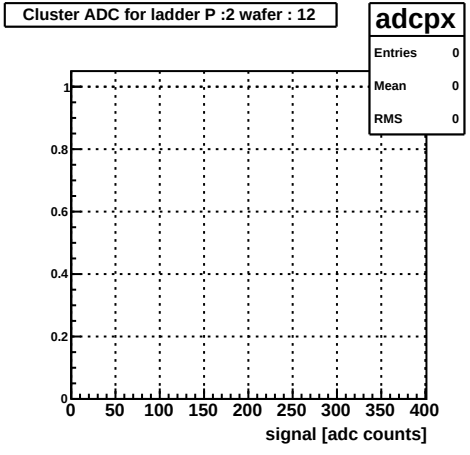

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

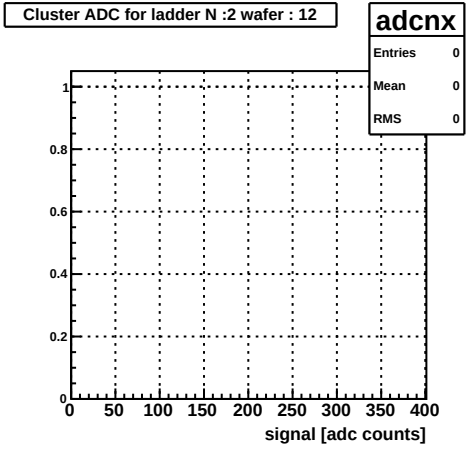

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

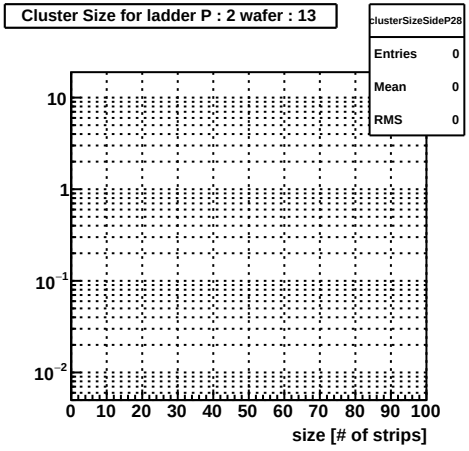

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

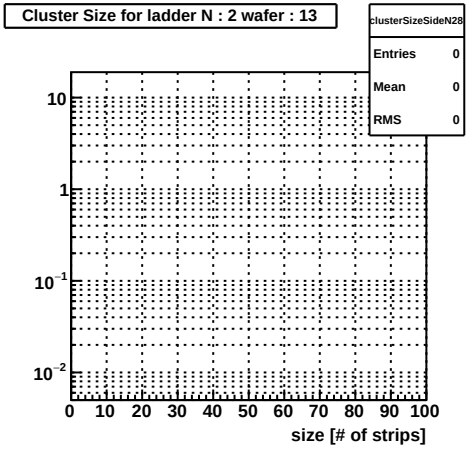

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

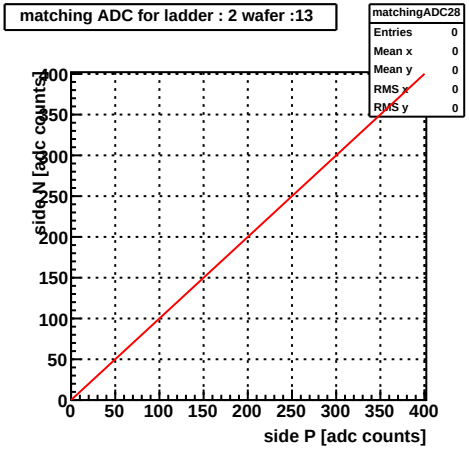

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

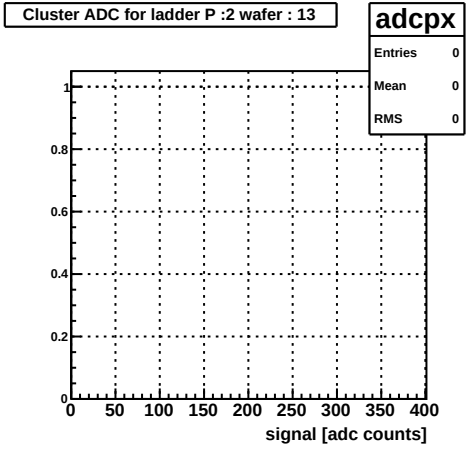

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

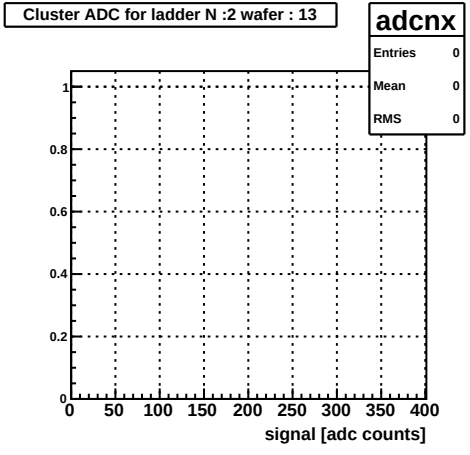

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

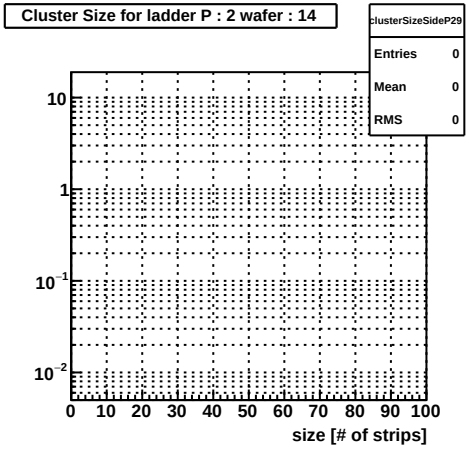

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

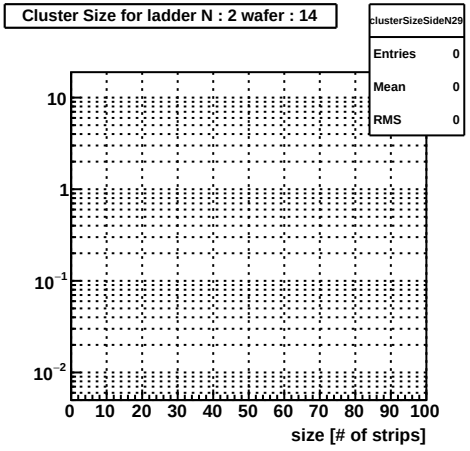

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

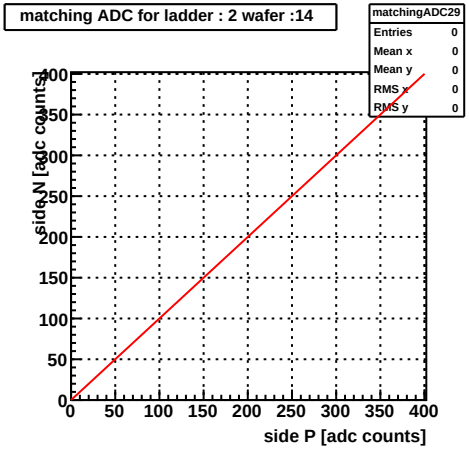

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

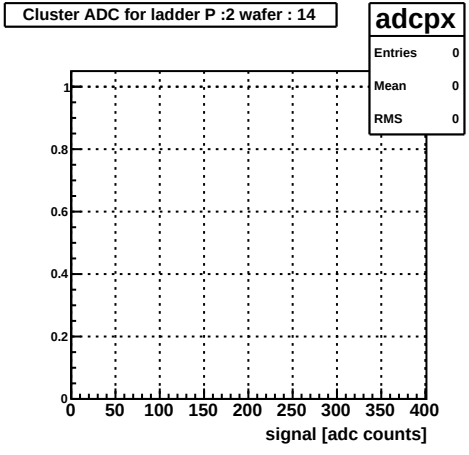

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

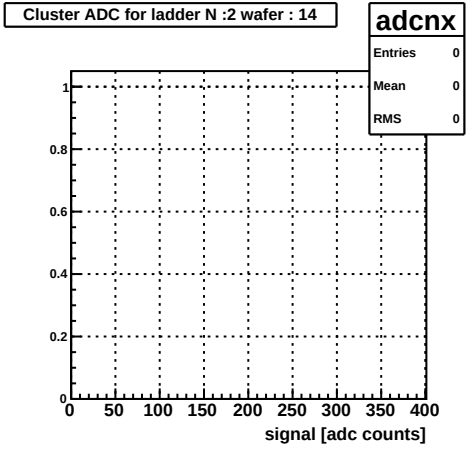

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

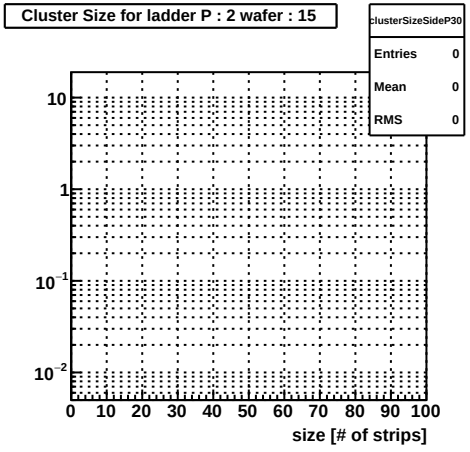

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

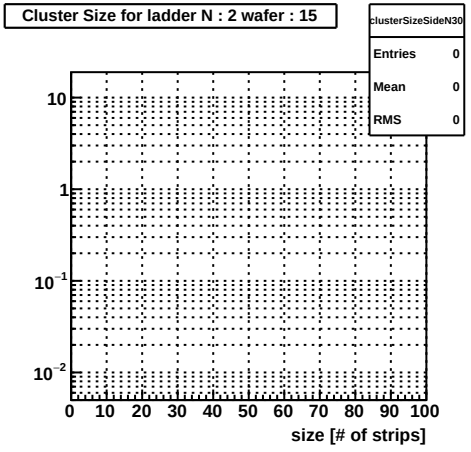

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

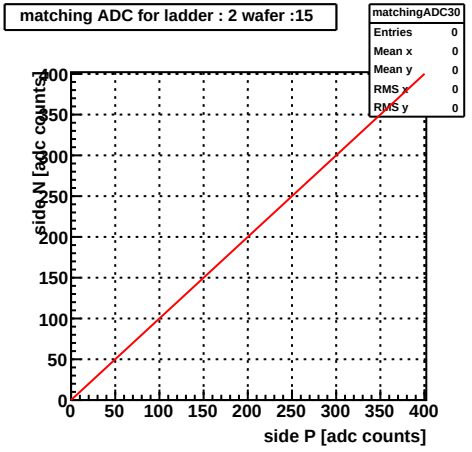

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

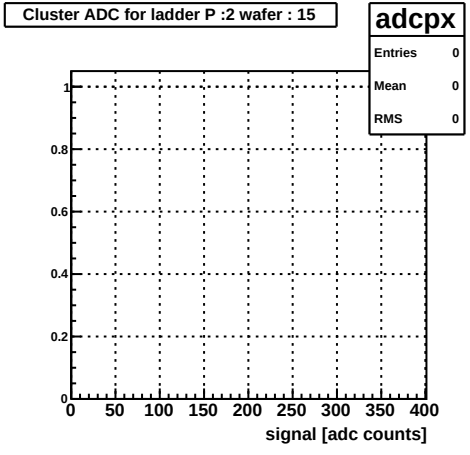

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

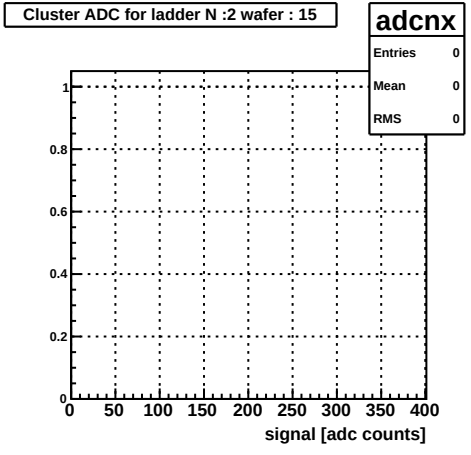

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

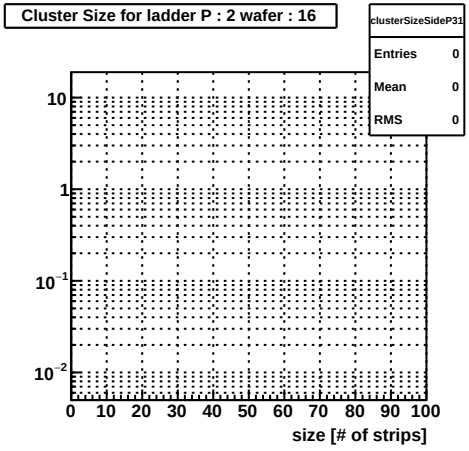

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

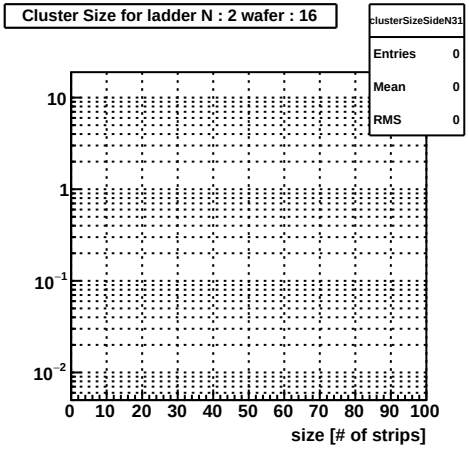

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

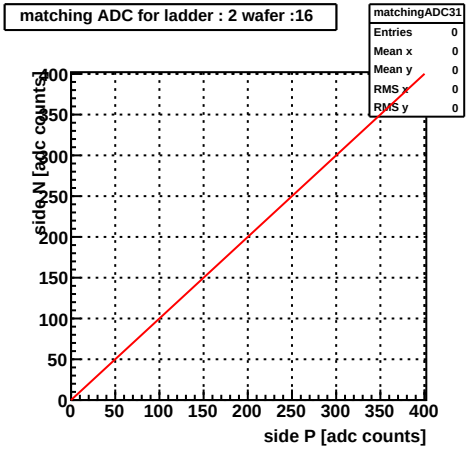

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

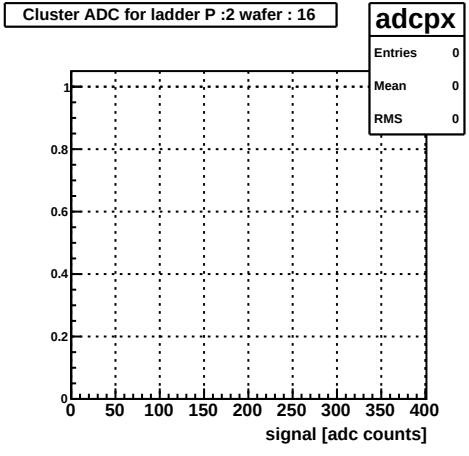

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

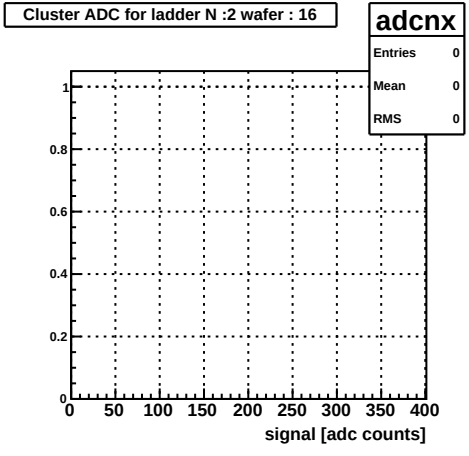

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

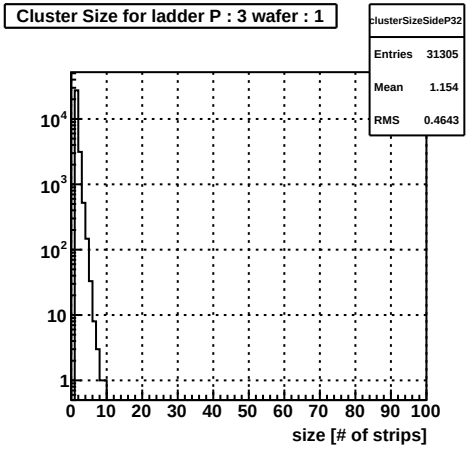

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

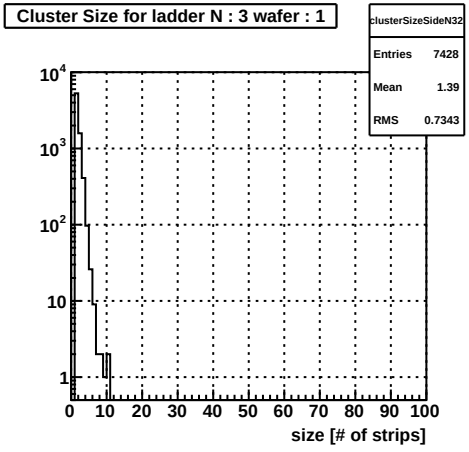

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

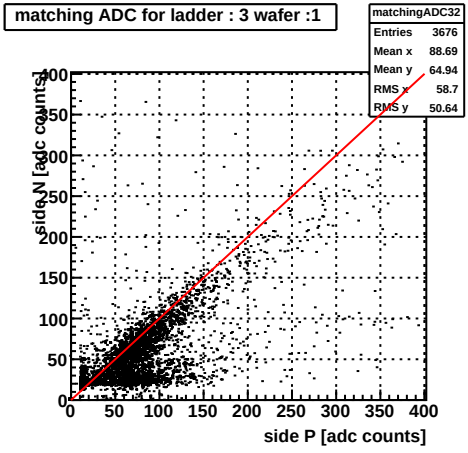

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

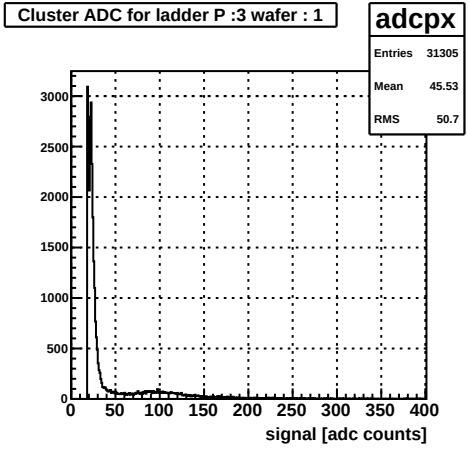

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

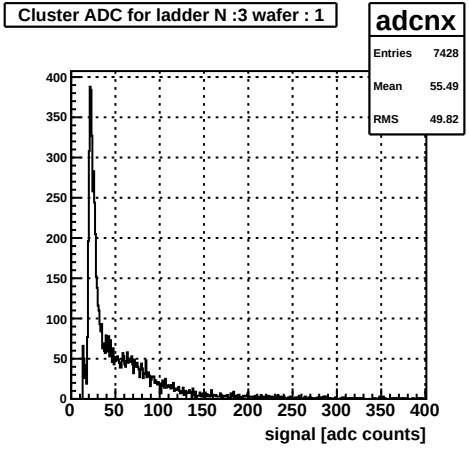

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

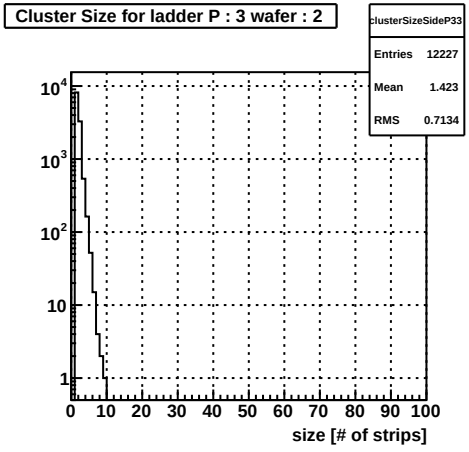

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 31305
Mean 1.154
RMS 0.4643
size [# of strips]

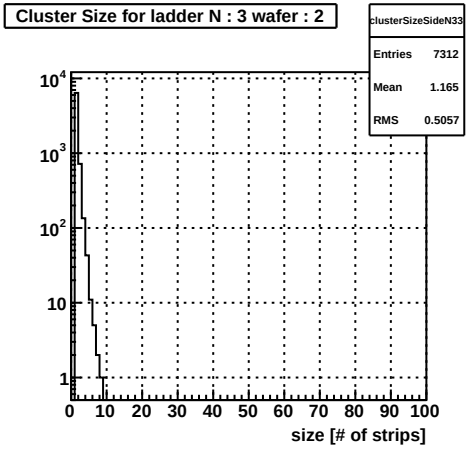

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7428
Mean 1.39
RMS 0.7343
size [# of strips]

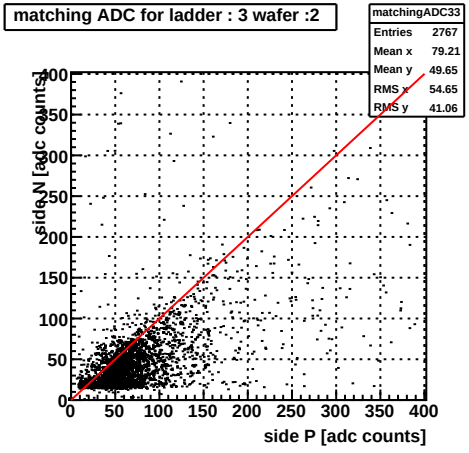

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3676
Mean x 88.69
Mean y 64.94
RMS x 58.7
RMS y 50.64
side N [adc counts]
side P [adc counts]

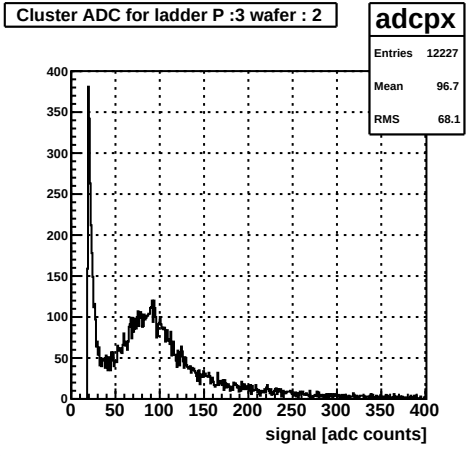

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 31305
Mean 45.53
RMS 50.7
signal [adc counts]

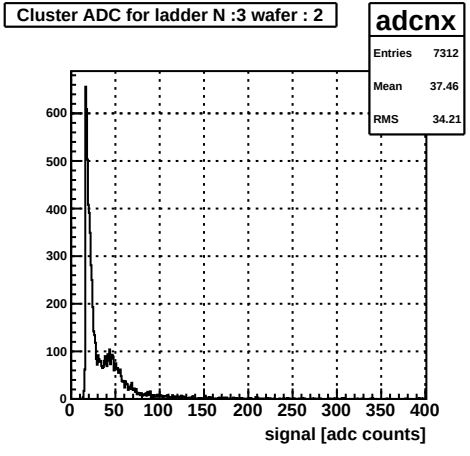

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7428
Mean 55.49
RMS 49.82
signal [adc counts]

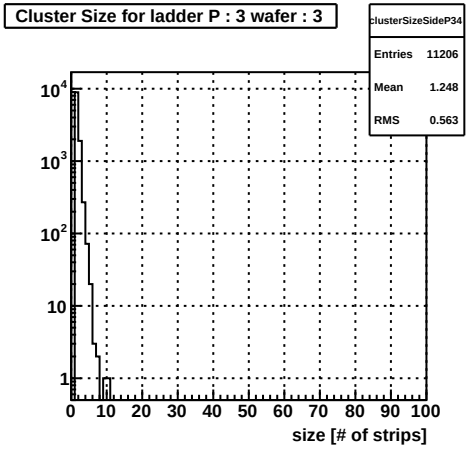

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 12227
Mean 1.423
RMS 0.7134
size [# of strips]

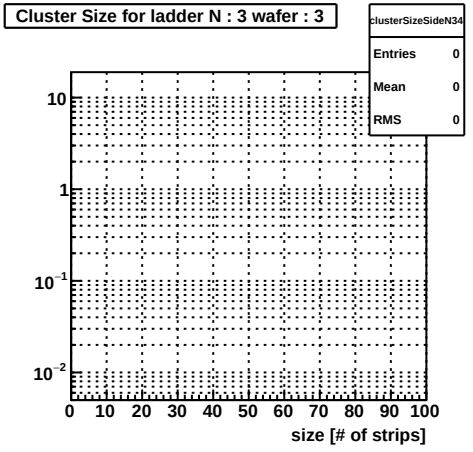

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7312
Mean 1.165
RMS 0.5057
size [# of strips]

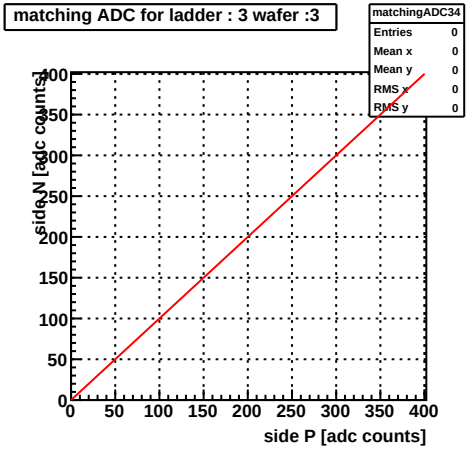

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2767
Mean x 79.21
Mean y 49.65
RMS x 54.65
RMS y 41.06
side N [adc counts]
side P [adc counts]

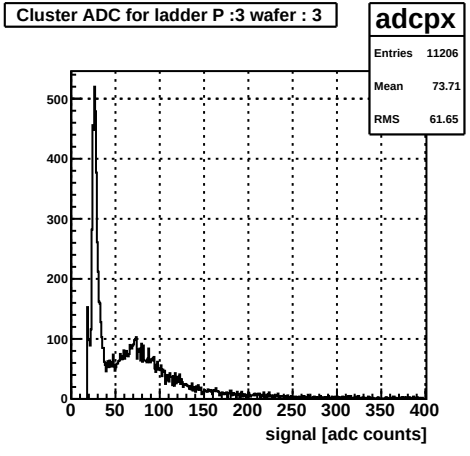

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 12227
Mean 96.7
RMS 68.1
signal [adc counts]

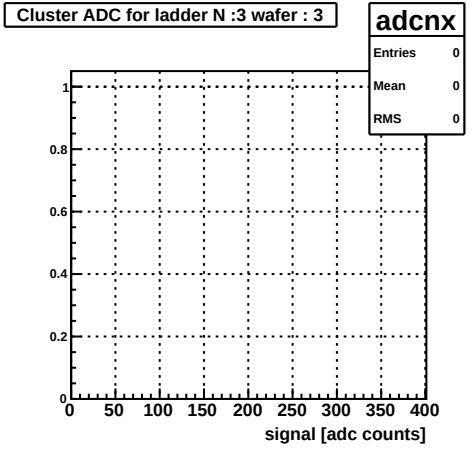

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7312
Mean 37.46
RMS 34.21
signal [adc counts]

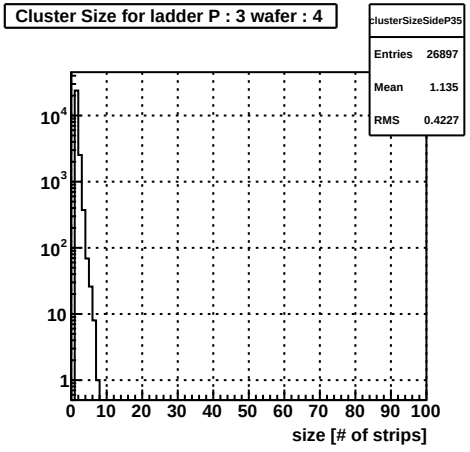

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 11206
Mean 1.248
RMS 0.563
size [# of strips]

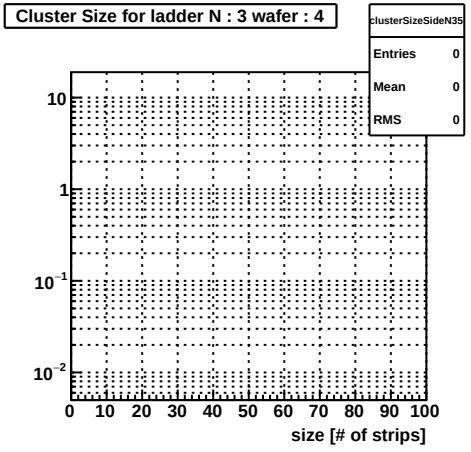

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

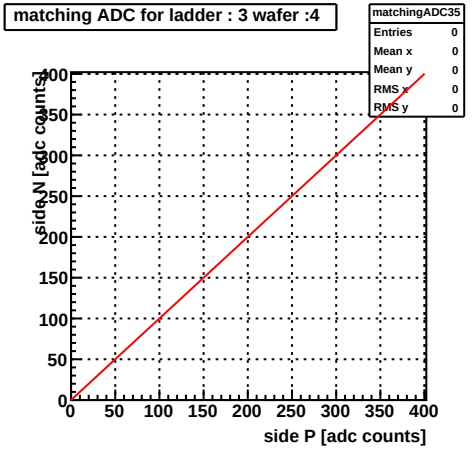

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

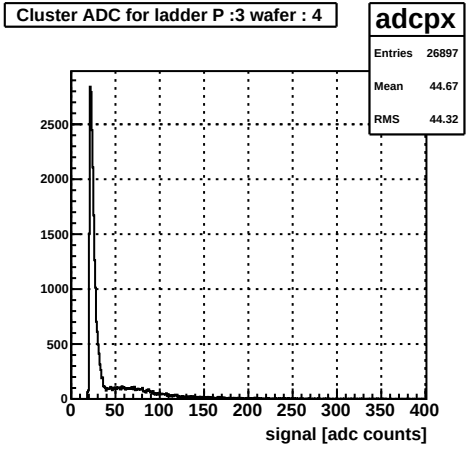

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 11206
Mean 73.71
RMS 61.65
signal [adc counts]

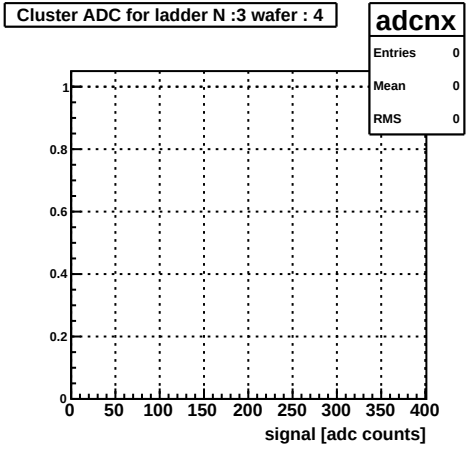

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

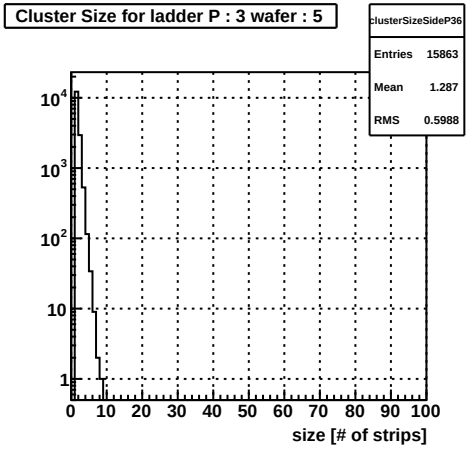

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26897
Mean 1.135
RMS 0.4227
size [# of strips]

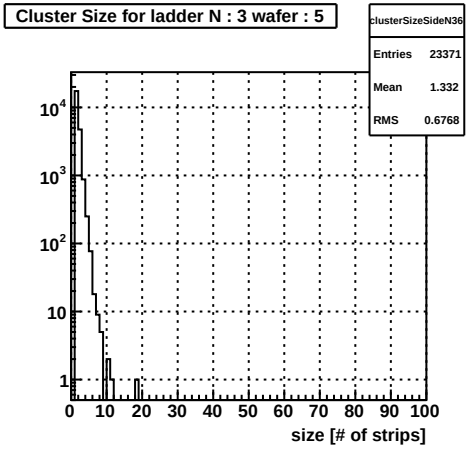

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

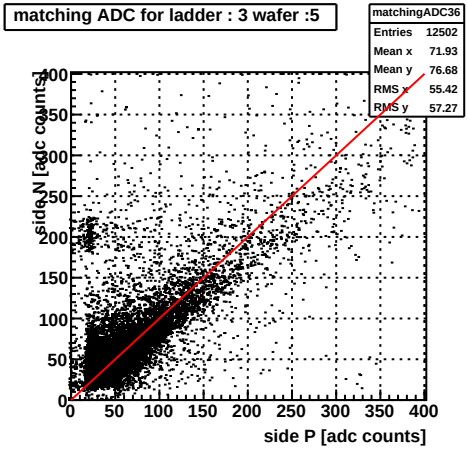

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

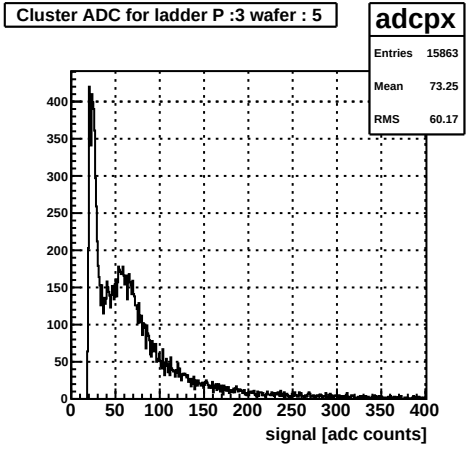

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26897
Mean 44.67
RMS 44.32
signal [adc counts]

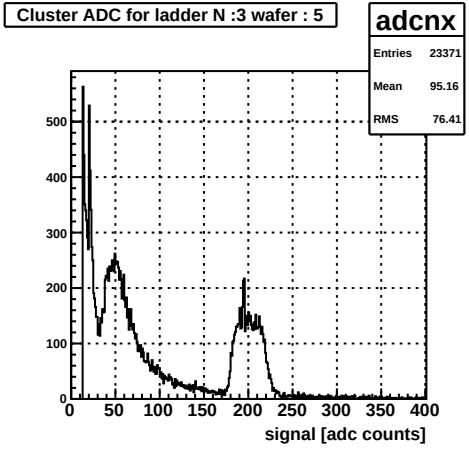

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

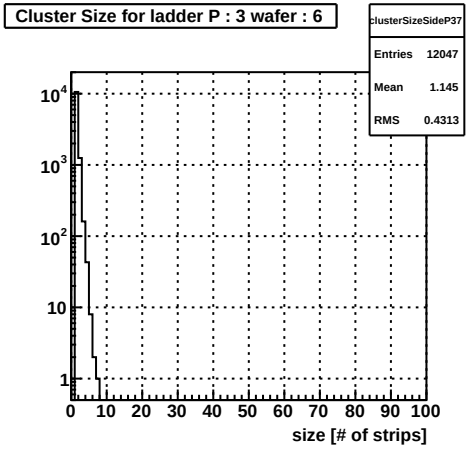

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 15863
Mean 1.287
RMS 0.5988
size [# of strips]

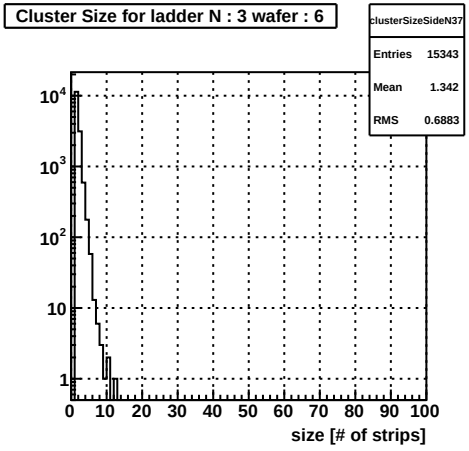

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 23371
Mean 1.332
RMS 0.6768
size [# of strips]

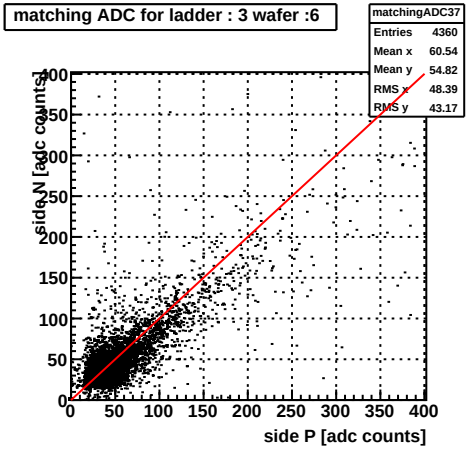

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 12502
Mean x 71.93
Mean y 76.68
RMS x 55.42
RMS y 57.27
side N [adc counts]
side P [adc counts]

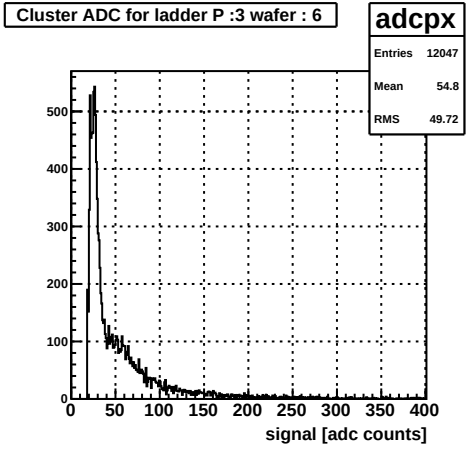

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 15863
Mean 73.25
RMS 60.17
signal [adc counts]

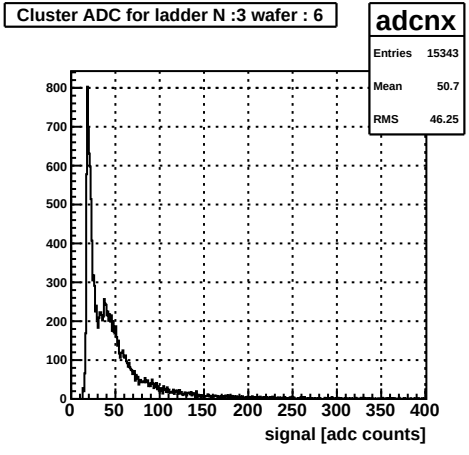

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 23371
Mean 95.16
RMS 76.41
signal [adc counts]

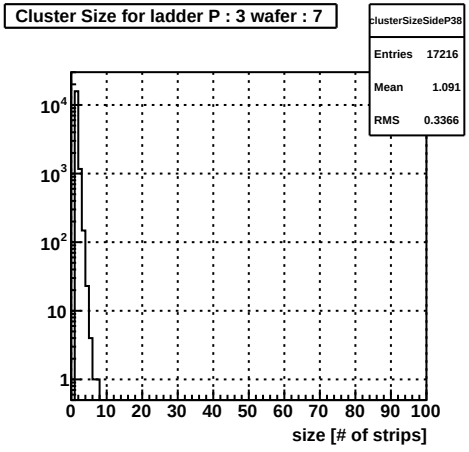

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 12047
Mean 1.145
RMS 0.4313
size [# of strips]

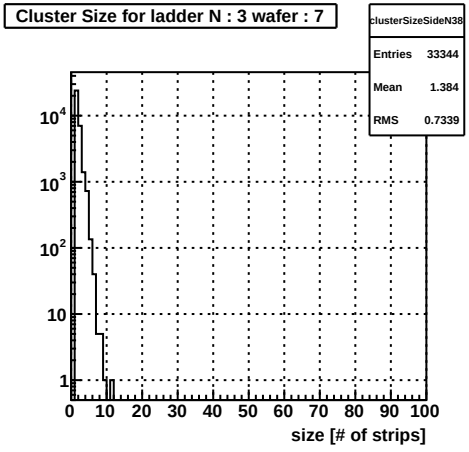

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 15343
Mean 1.342
RMS 0.6883
size [# of strips]

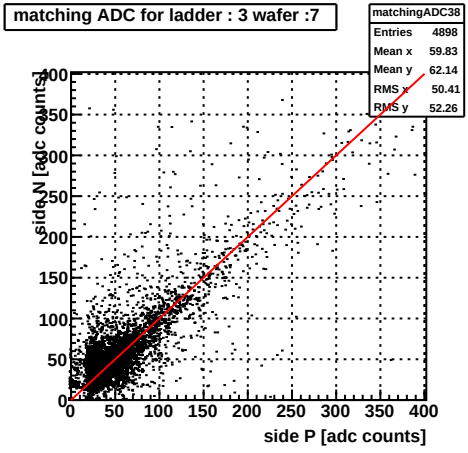

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4360
Mean x 60.54
Mean y 54.82
RMS x 48.39
RMS y 43.17
side N [adc counts]
side P [adc counts]

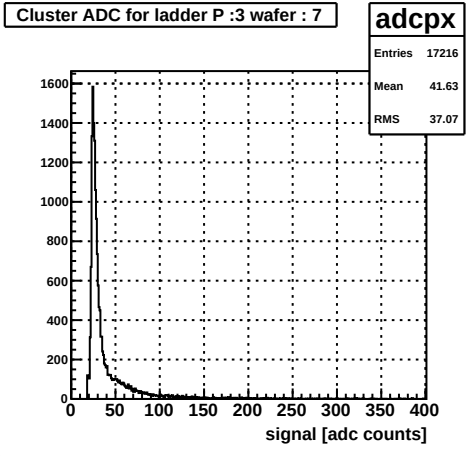

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 12047
Mean 54.8
RMS 49.72
signal [adc counts]

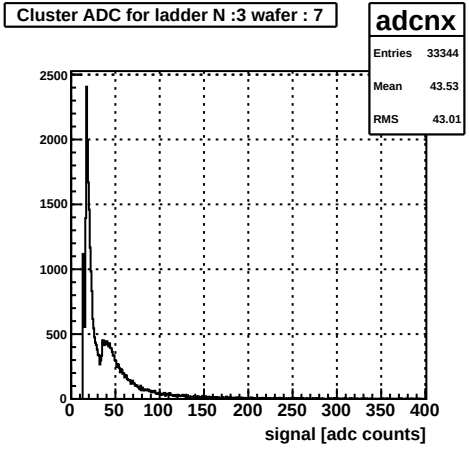

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 15343
Mean 50.7
RMS 46.25
signal [adc counts]

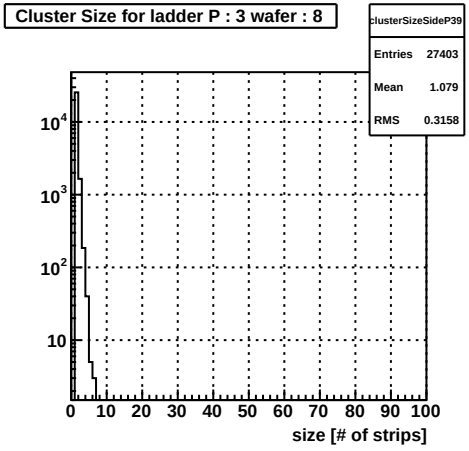

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17216
Mean 1.091
RMS 0.3366
size [# of strips]

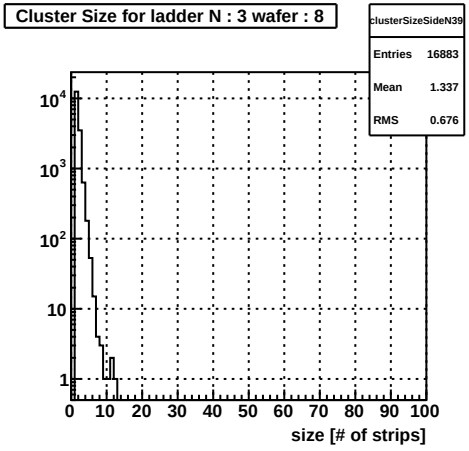

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 33344
Mean 1.384
RMS 0.7339
size [# of strips]

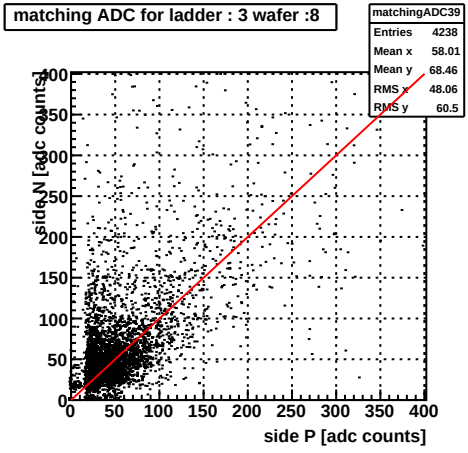

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4898
Mean x 59.83
Mean y 62.14
RMS x 50.41
RMS y 52.26
side N [adc counts]
side P [adc counts]

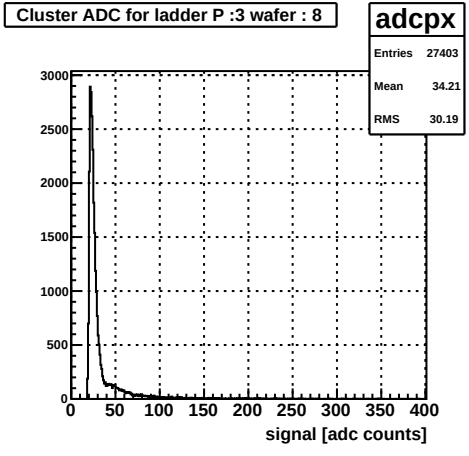

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17216
Mean 41.63
RMS 37.07
signal [adc counts]

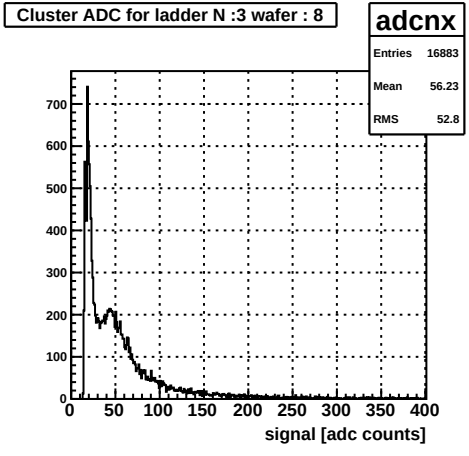

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 33344
Mean 43.53
RMS 43.01
signal [adc counts]

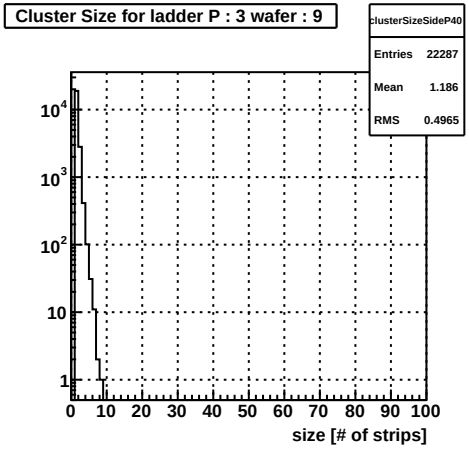

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 27403
Mean 1.079
RMS 0.3158
size [# of strips]

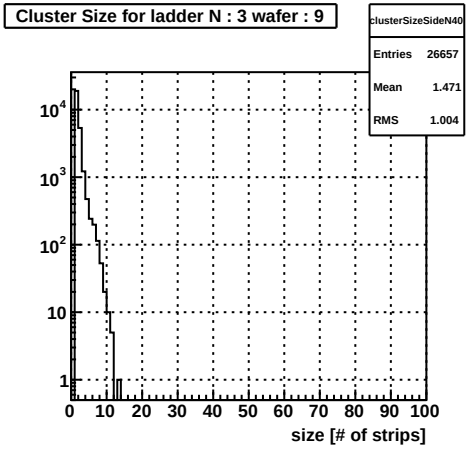

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 16883
Mean 1.337
RMS 0.676
size [# of strips]

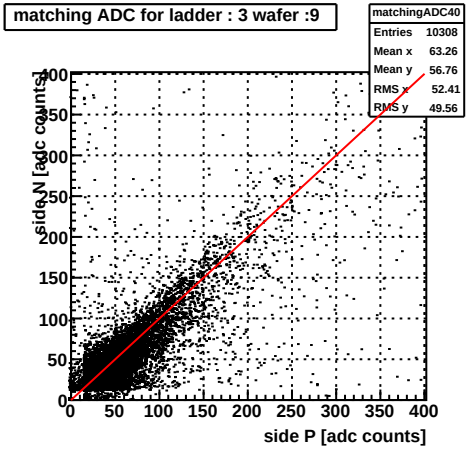

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 4238
Mean x 58.01
Mean y 68.46
RMS x 48.06
RMS y 60.5
side N [adc counts]
side P [adc counts]

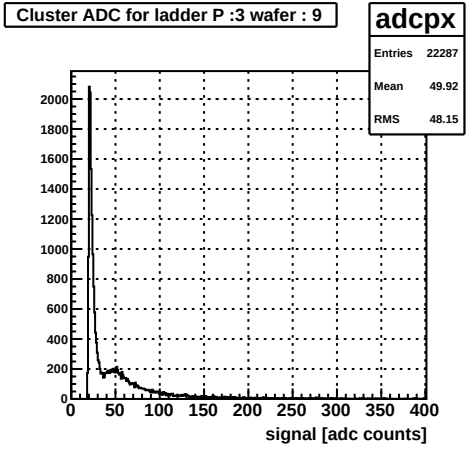

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 27403
Mean 34.21
RMS 30.19
signal [adc counts]

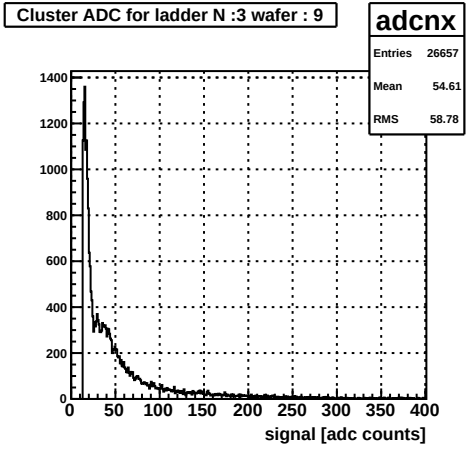

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 16883
Mean 56.23
RMS 52.8
signal [adc counts]

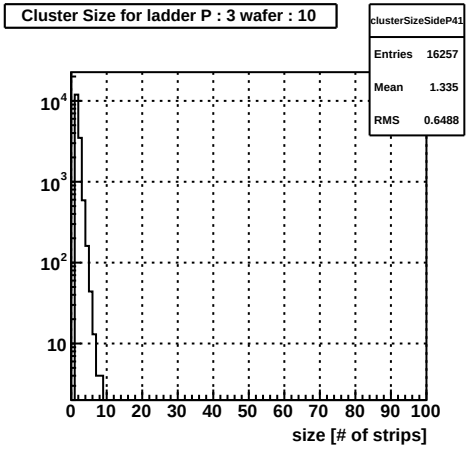

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 22287
Mean 1.186
RMS 0.4965
size [# of strips]

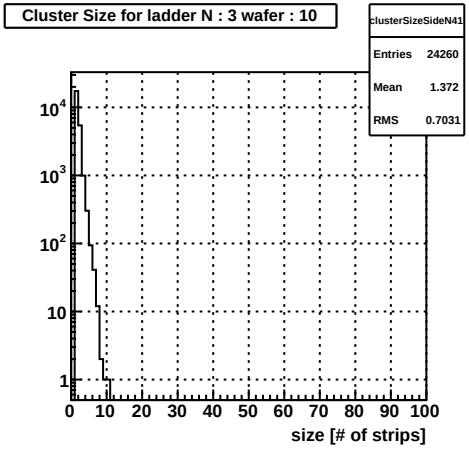

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 26657
Mean 1.471
RMS 1.004
size [# of strips]

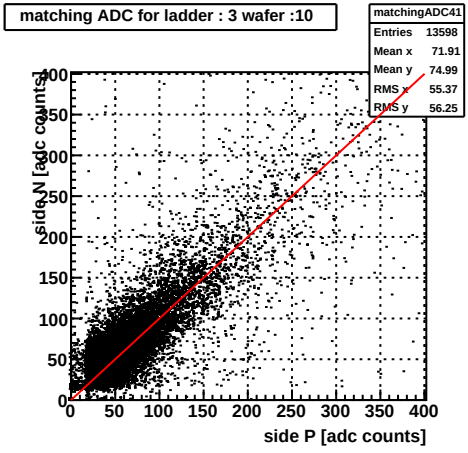

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 10308
Mean x 63.26
Mean y 56.76
RMS x 52.41
RMS y 49.56
side N [adc counts]
side P [adc counts]

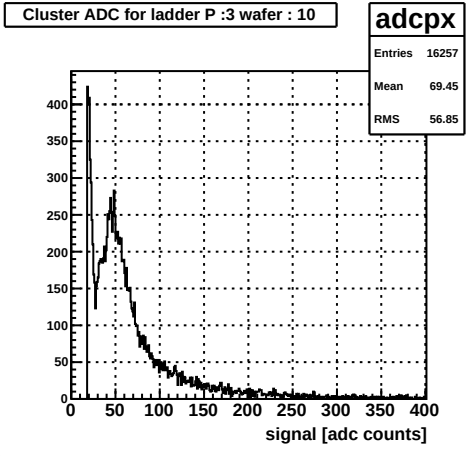

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 22287
Mean 49.92
RMS 48.15
signal [adc counts]

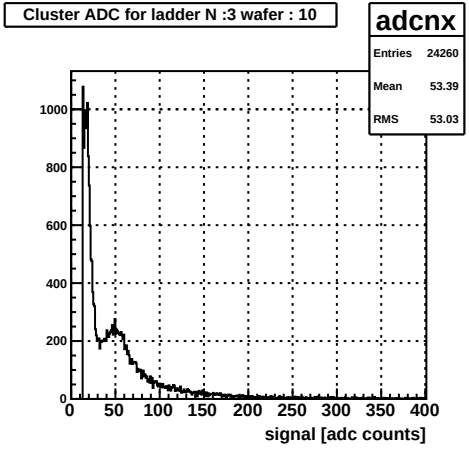

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 26657
Mean 54.61
RMS 58.78
signal [adc counts]

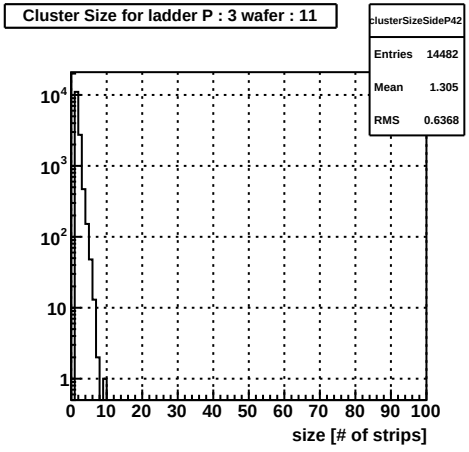

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 16257
Mean 1.335
RMS 0.6488
size [# of strips]

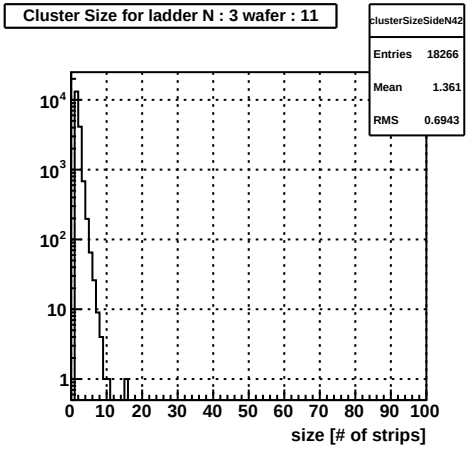

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 24260
Mean 1.372
RMS 0.7031
size [# of strips]

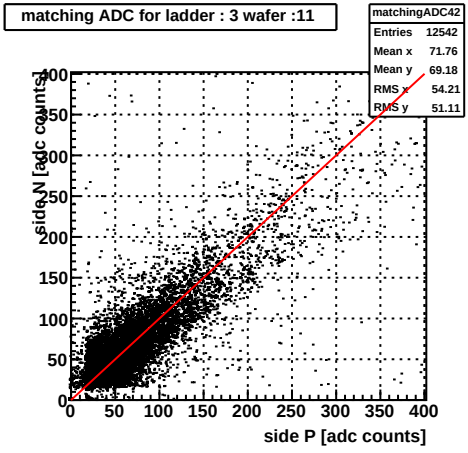

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 13598
Mean x 71.91
Mean y 74.99
RMS x 55.37
RMS y 56.25
side N [adc counts]
side P [adc counts]

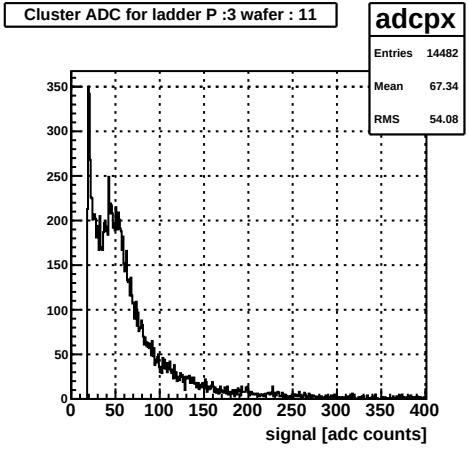

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 16257
Mean 69.45
RMS 56.85
signal [adc counts]

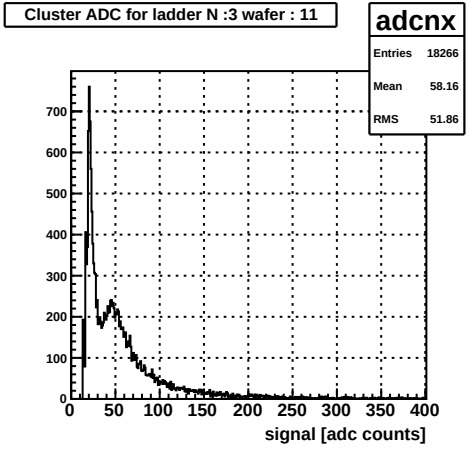

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 24260
Mean 53.39
RMS 53.03
signal [adc counts]

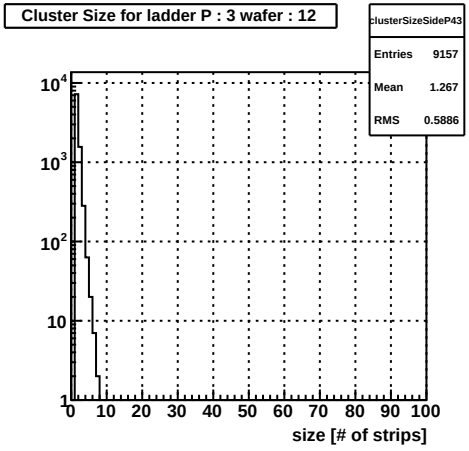

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 14482
Mean 1.305
RMS 0.6368
size [# of strips]

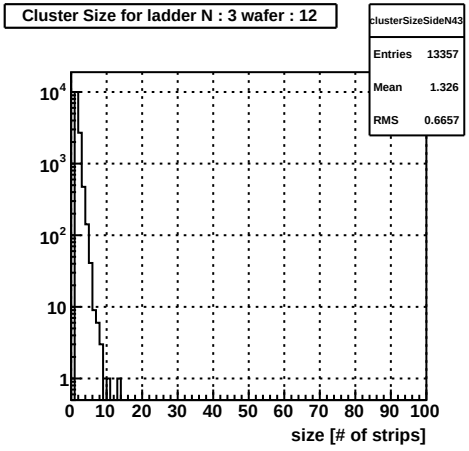

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 18266
Mean 1.361
RMS 0.6943
size [# of strips]

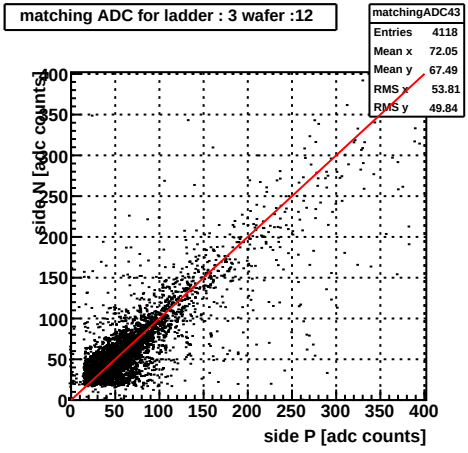

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 12542
Mean x 71.76
Mean y 69.18
RMS x 54.21
RMS y 51.11
side N [adc counts]
side P [adc counts]

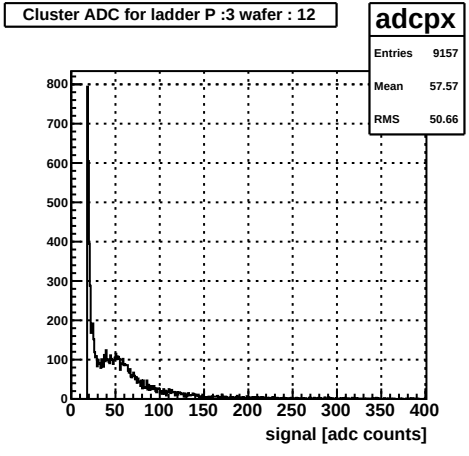

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 14482
Mean 67.34
RMS 54.08
signal [adc counts]

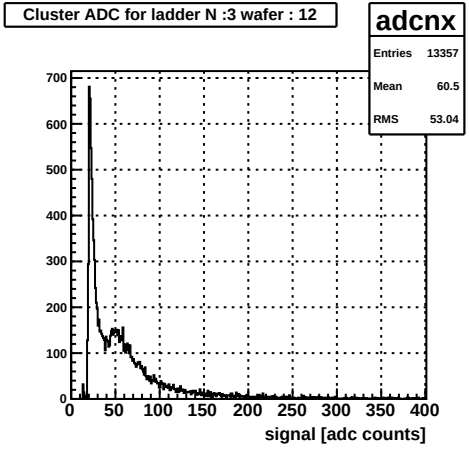

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 18266
Mean 58.16
RMS 51.86
signal [adc counts]

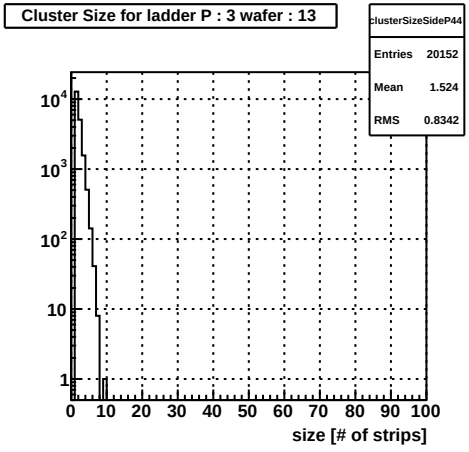

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 9157
Mean 1.267
RMS 0.5886
size [# of strips]

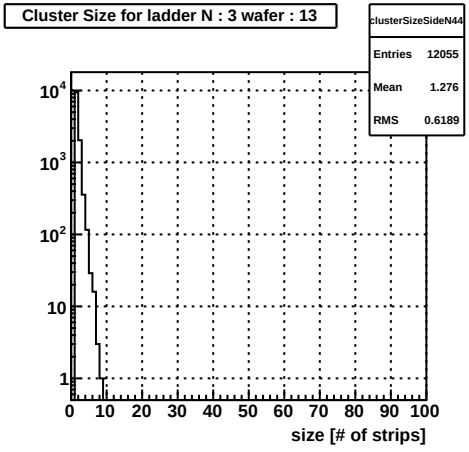

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 13357
Mean 1.326
RMS 0.6657
size [# of strips]

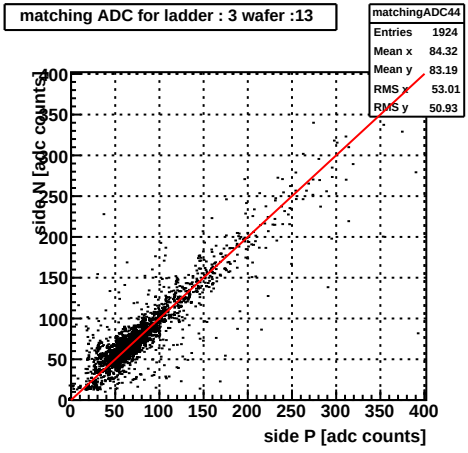

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4118
Mean x 72.05
Mean y 67.49
RMS x 53.81
RMS y 49.84
side N [adc counts]
side P [adc counts]

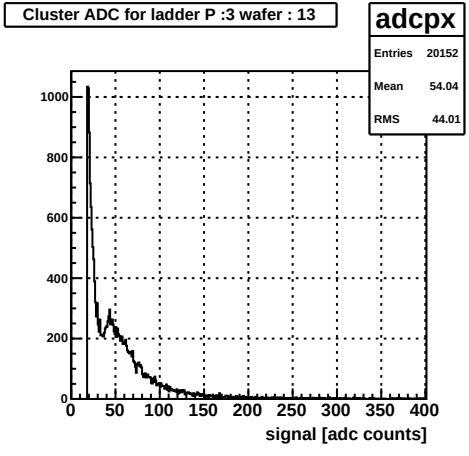

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 9157
Mean 57.57
RMS 50.66
signal [adc counts]

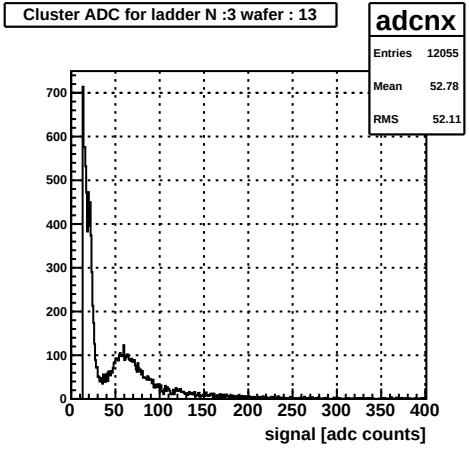

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 13357
Mean 60.5
RMS 53.04
signal [adc counts]

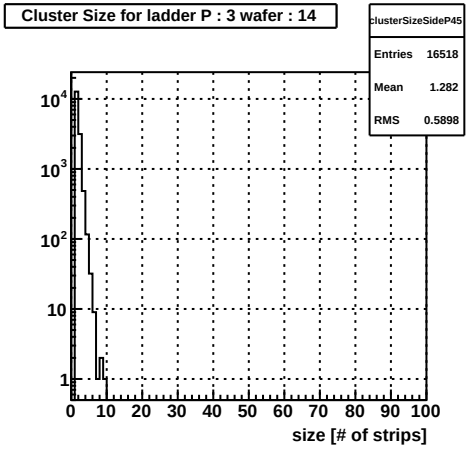

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 20152
Mean 1.524
RMS 0.8342
size [# of strips]

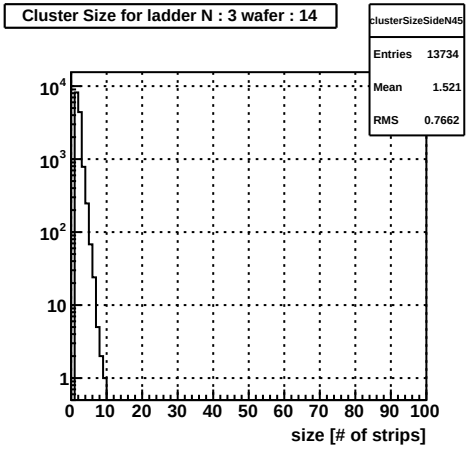

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 12055
Mean 1.276
RMS 0.6189
size [# of strips]

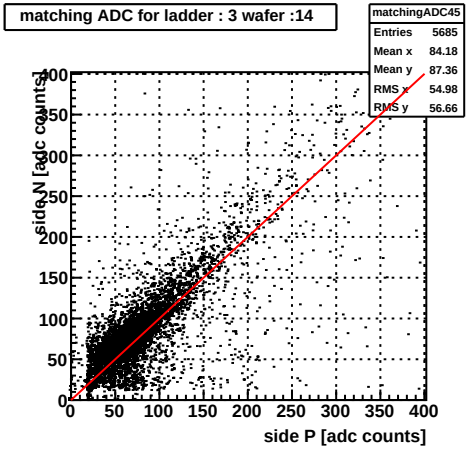

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1924
Mean x 84.32
Mean y 83.19
RMS x 53.01
RMS y 50.93
side N [adc counts]
side P [adc counts]

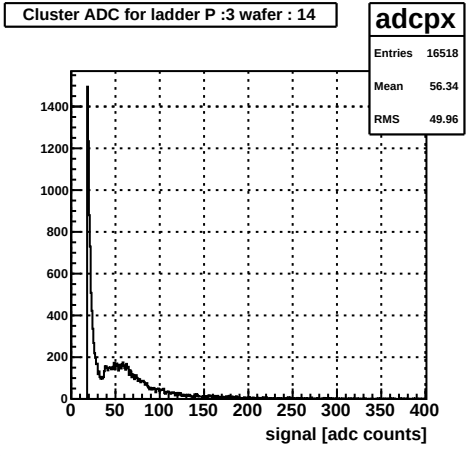

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 20152
Mean 54.04
RMS 44.01
signal [adc counts]

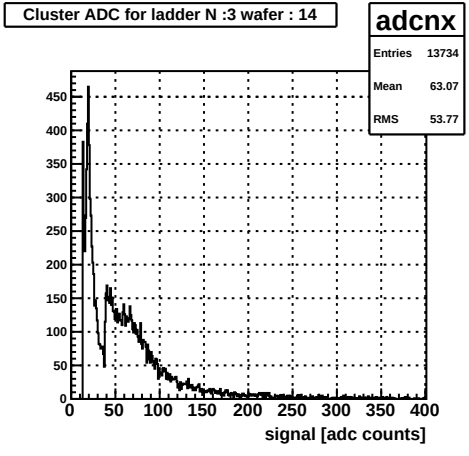

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 12055
Mean 52.78
RMS 52.11
signal [adc counts]

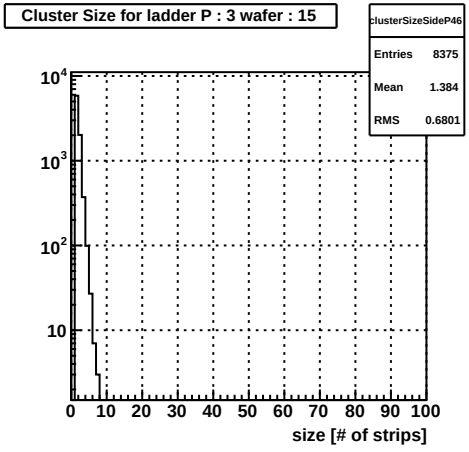

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 16518
Mean 1.282
RMS 0.5898
size [# of strips]

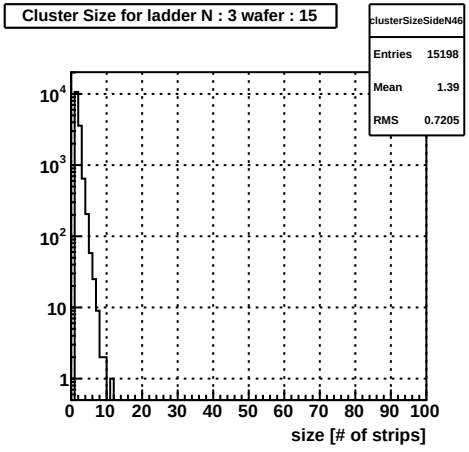

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 13734
Mean 1.521
RMS 0.7662
size [# of strips]

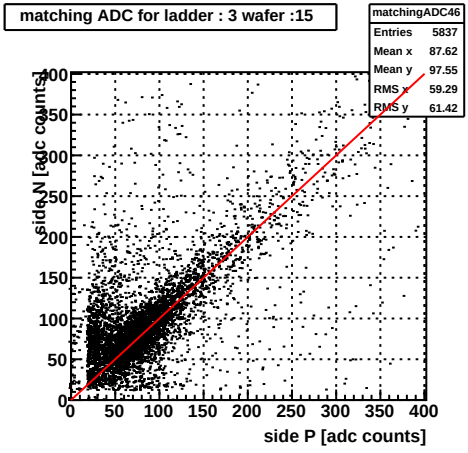

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 5685
Mean x 84.18
Mean y 87.36
RMS x 54.98
RMS y 56.66
side N [adc counts]
side P [adc counts]

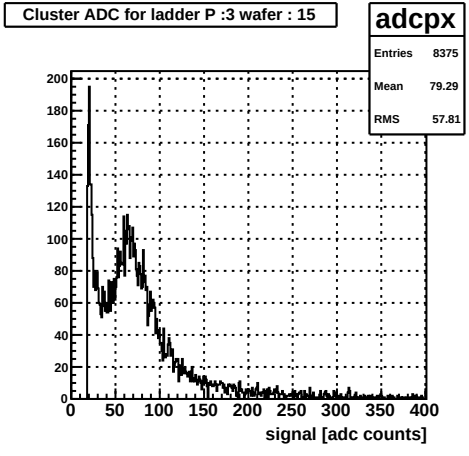

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 16518
Mean 56.34
RMS 49.96
signal [adc counts]

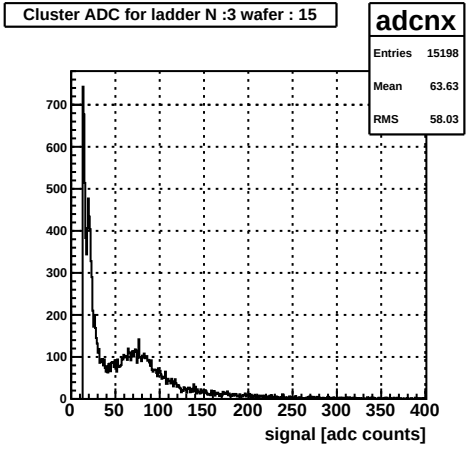

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 13734
Mean 63.07
RMS 53.77
signal [adc counts]

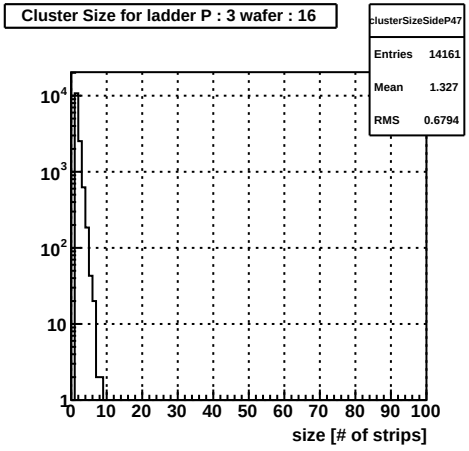

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 8375
Mean 1.384
RMS 0.6801
size [# of strips]

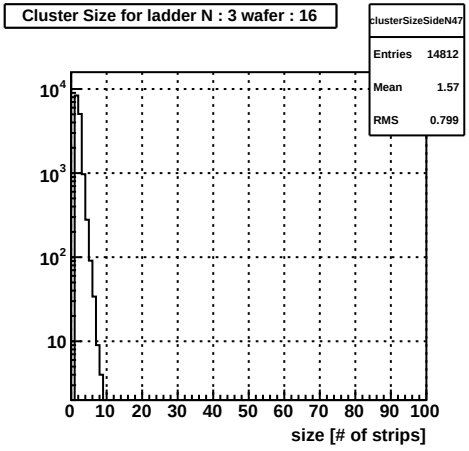

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15198
Mean 1.39
RMS 0.7205
size [# of strips]

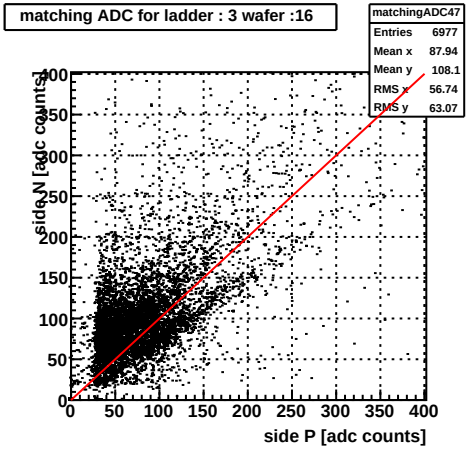

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 5837
Mean x 87.62
Mean y 97.55
RMS x 59.29
RMS y 61.42
side N [adc counts]
side P [adc counts]

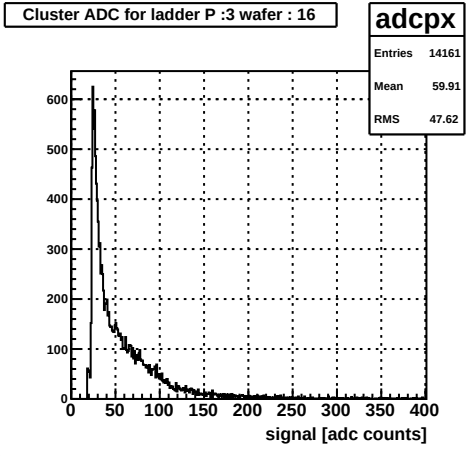

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 8375
Mean 79.29
RMS 57.81
signal [adc counts]

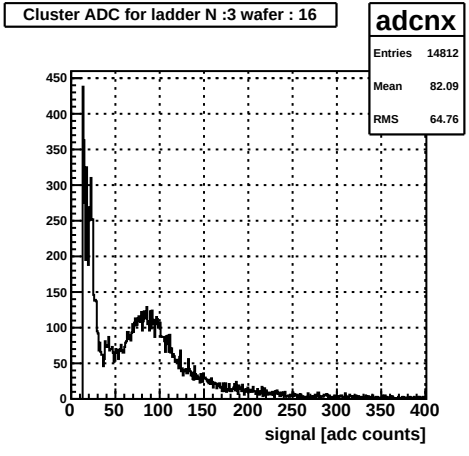

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15198
Mean 63.63
RMS 58.03
signal [adc counts]

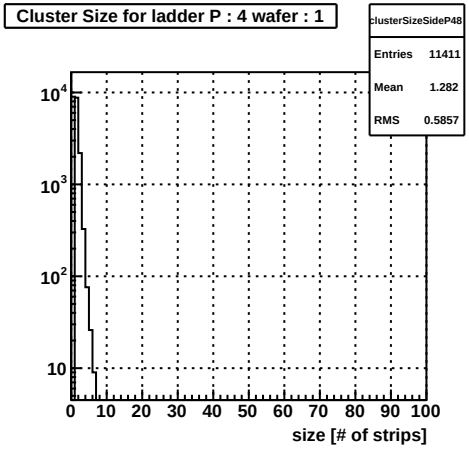

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 14161
Mean 1.327
RMS 0.6794
size [# of strips]

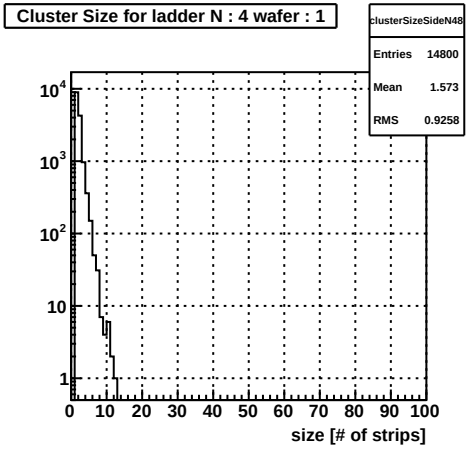

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 14812
Mean 1.57
RMS 0.799
size [# of strips]

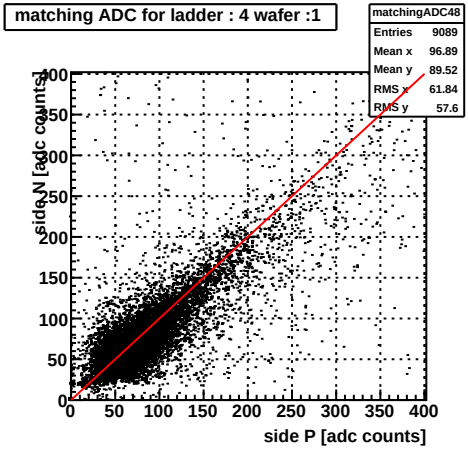

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 6977
Mean x 87.94
Mean y 108.1
RMS x 56.74
RMS y 63.07
side N [adc counts]
side P [adc counts]

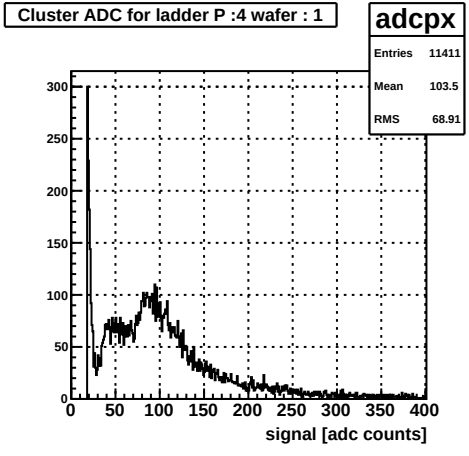

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 14161
Mean 59.91
RMS 47.62
signal [adc counts]

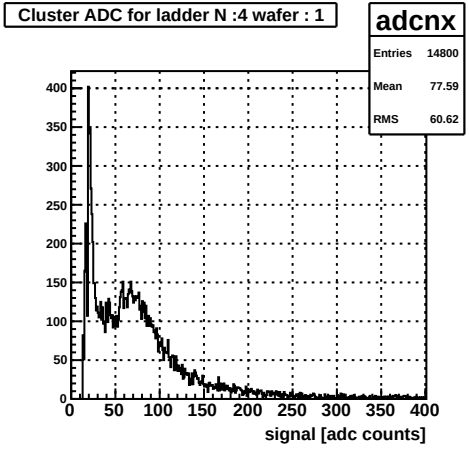

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 14812
Mean 82.09
RMS 64.76
signal [adc counts]

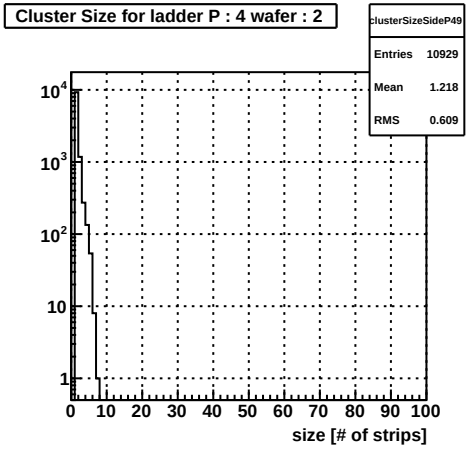

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 11411
Mean 1.282
RMS 0.5857
size [# of strips]

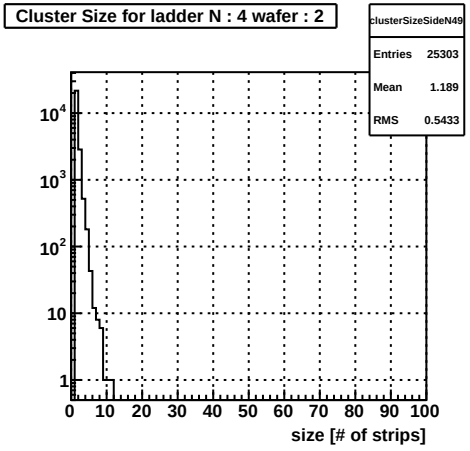

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 14800
Mean 1.573
RMS 0.9258
size [# of strips]

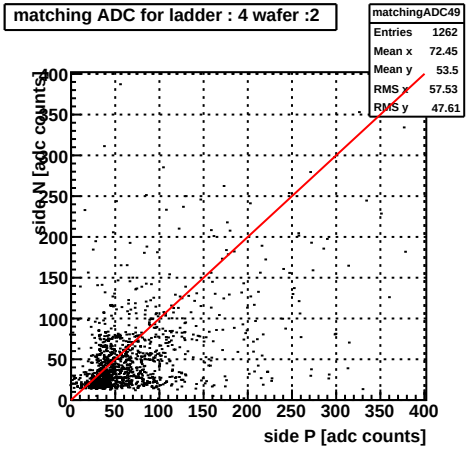

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9089
Mean x 96.89
Mean y 89.52
RMS x 61.84
RMS y 57.6
side N [adc counts]
side P [adc counts]

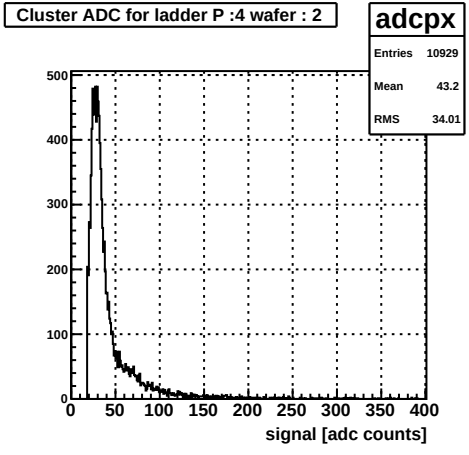

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 11411
Mean 103.5
RMS 68.91
signal [adc counts]

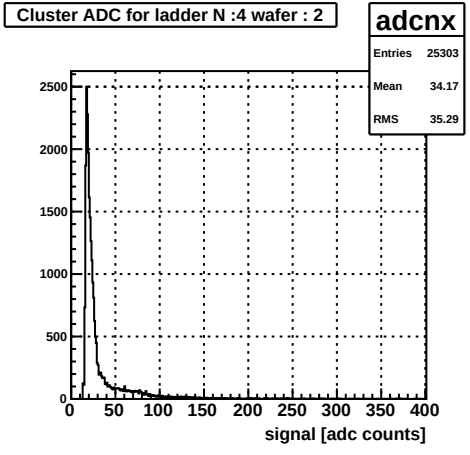

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 14800
Mean 77.59
RMS 60.62
signal [adc counts]

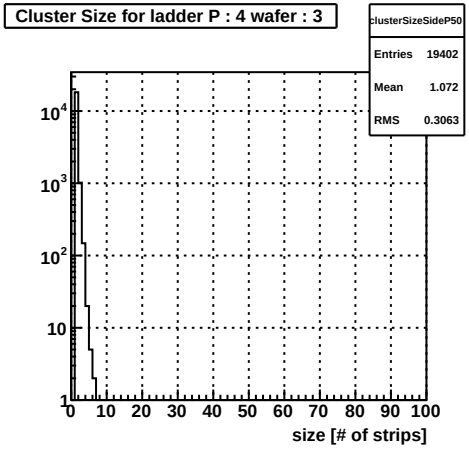

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 10929
Mean 1.218
RMS 0.609
size [# of strips]

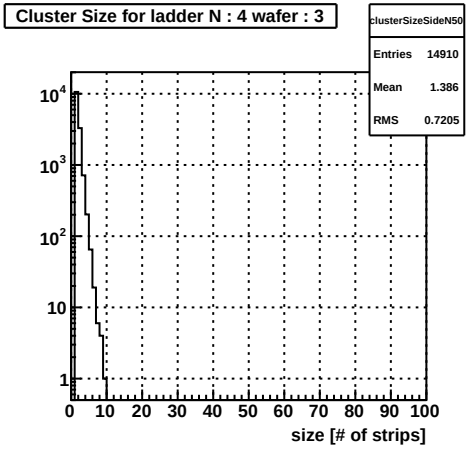

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 25303
Mean 1.189
RMS 0.5433
size [# of strips]

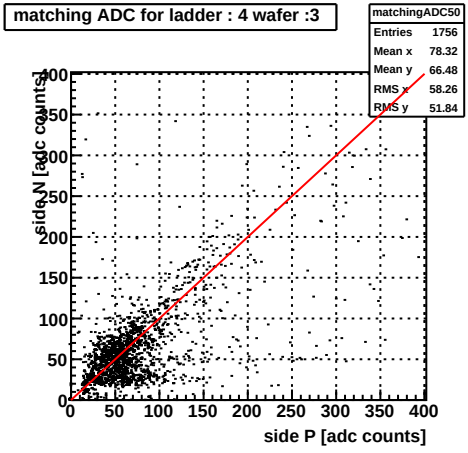

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1262
Mean x 72.45
Mean y 53.5
RMS x 57.53
RMS y 47.61
side N [adc counts]
side P [adc counts]

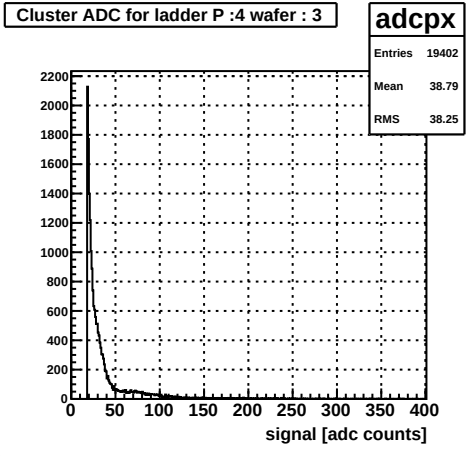

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 10929
Mean 43.2
RMS 34.01
signal [adc counts]

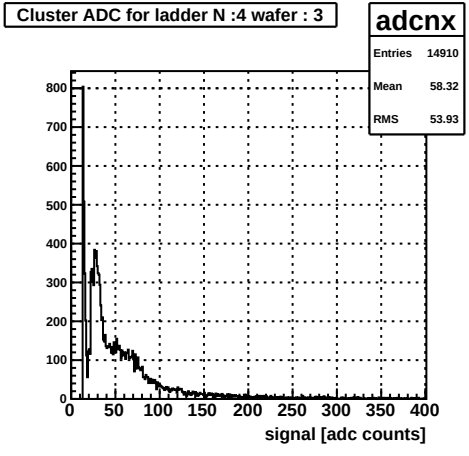

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 25303
Mean 34.17
RMS 35.29
signal [adc counts]

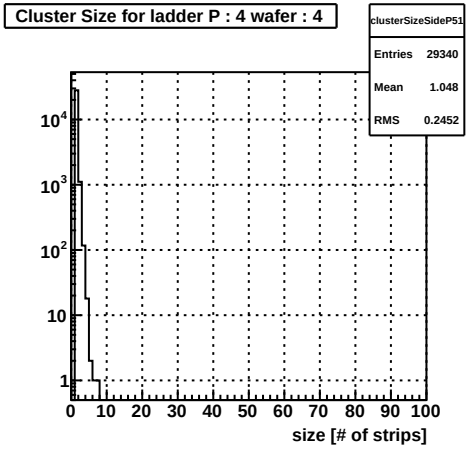

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 19402
Mean 1.072
RMS 0.3063
size [# of strips]

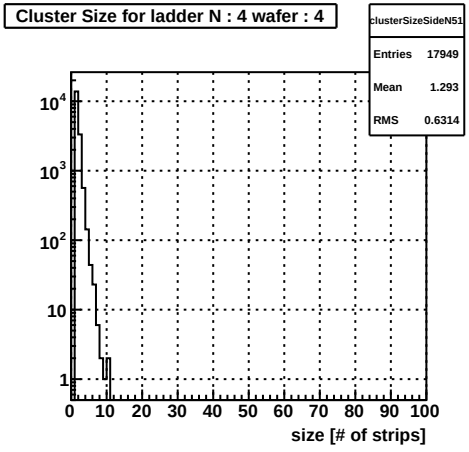

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 14910
Mean 1.386
RMS 0.7205
size [# of strips]

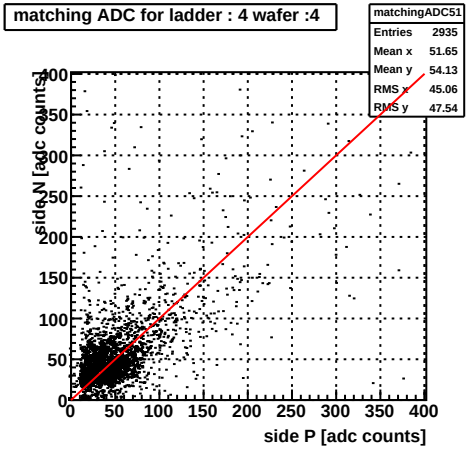

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1756
Mean x 78.32
Mean y 66.48
RMS x 58.26
RMS y 51.84
side N [adc counts]
side P [adc counts]

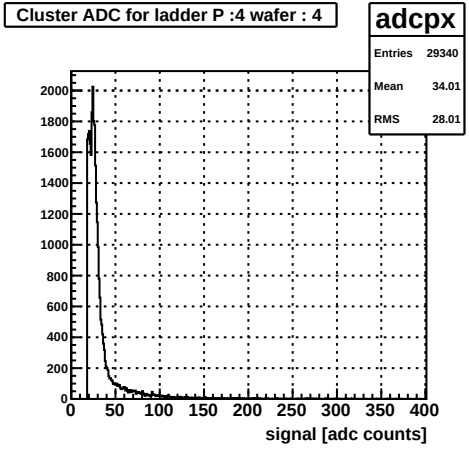

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 19402
Mean 38.79
RMS 38.25
signal [adc counts]

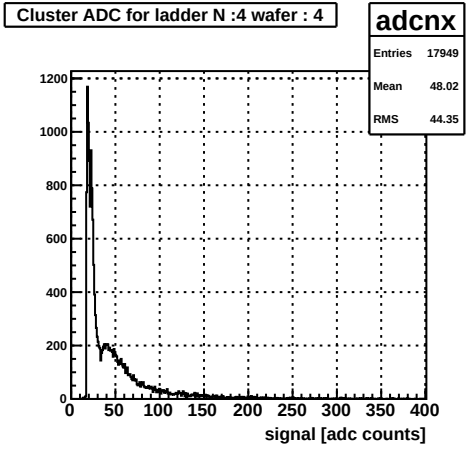

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 14910
Mean 58.32
RMS 53.93
signal [adc counts]

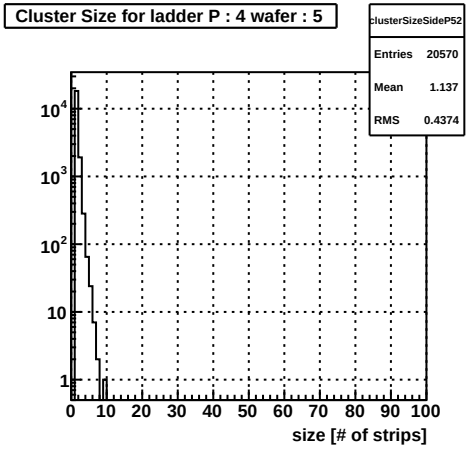

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 29340
Mean 1.048
RMS 0.2452
size [# of strips]

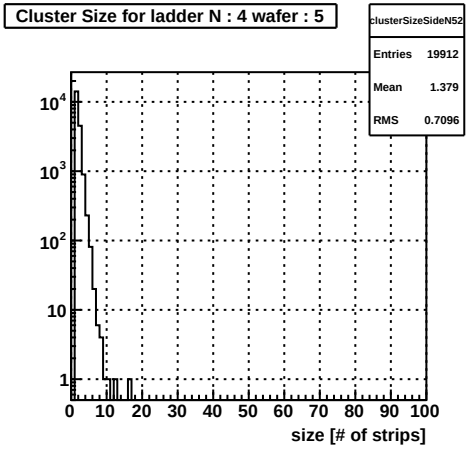

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 17949
Mean 1.293
RMS 0.6314
size [# of strips]

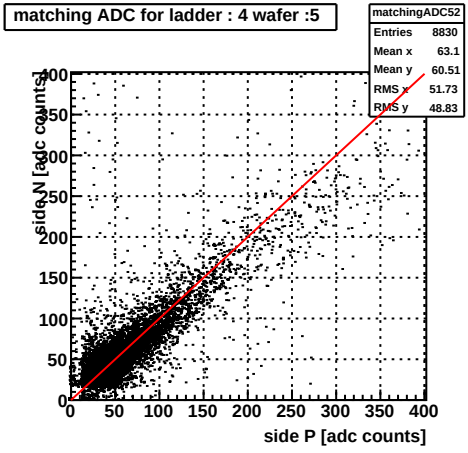

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2935
Mean x 51.65
Mean y 54.13
RMS x 45.06
RMS y 47.54
side N [adc counts]
side P [adc counts]

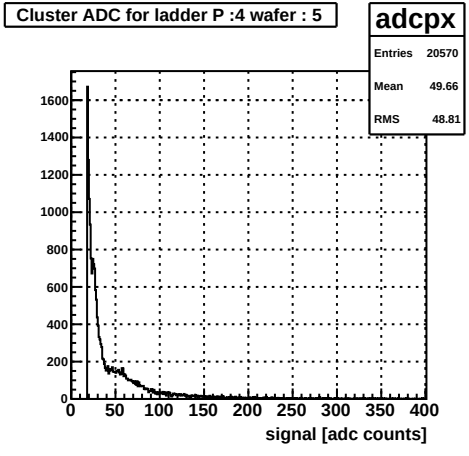

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 29340
Mean 34.01
RMS 28.01
signal [adc counts]

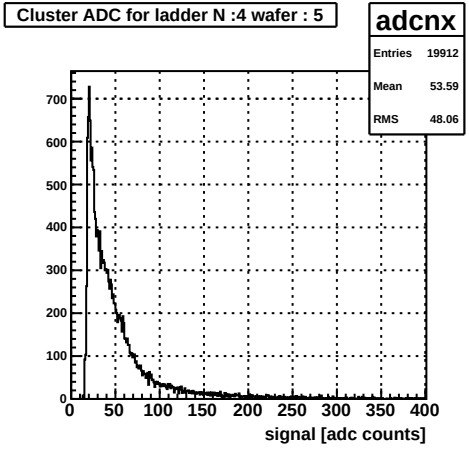

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 17949
Mean 48.02
RMS 44.35
signal [adc counts]

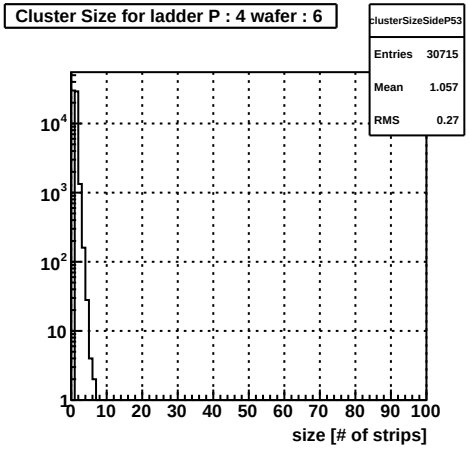

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 20570
Mean 1.137
RMS 0.4374
size [# of strips]

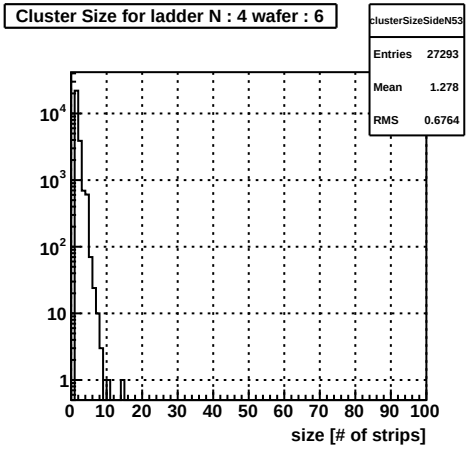

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 19912
Mean 1.379
RMS 0.7096
size [# of strips]

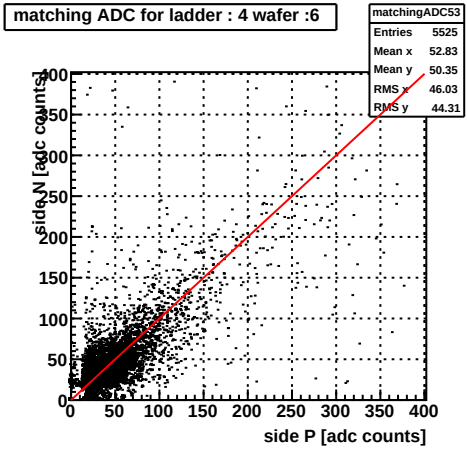

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 8830
Mean x 63.1
Mean y 60.51
RMS x 51.73
RMS y 48.83
side N [adc counts]
side P [adc counts]

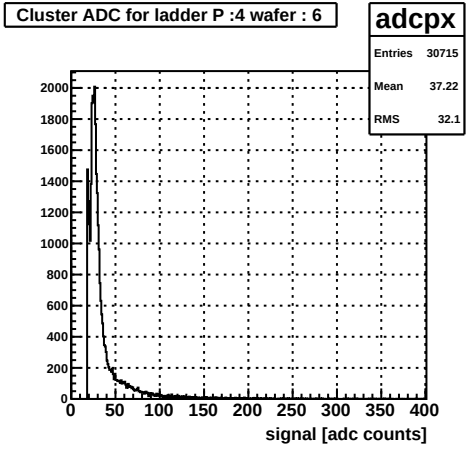

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 20570
Mean 49.66
RMS 48.81
signal [adc counts]

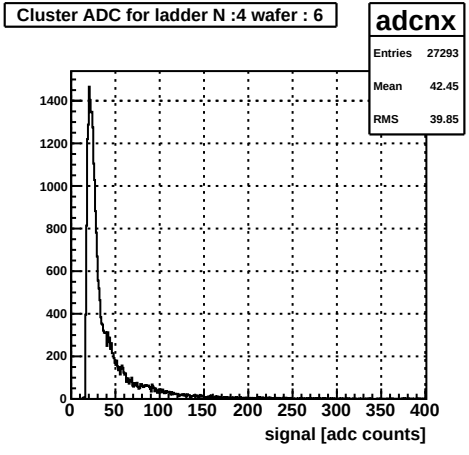

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 19912
Mean 53.59
RMS 48.06
signal [adc counts]

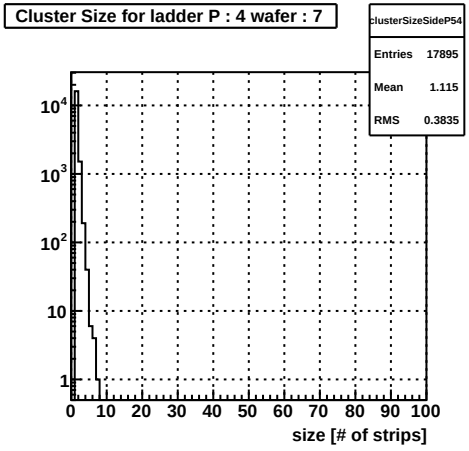

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 30715
Mean 1.057
RMS 0.27
size [# of strips]

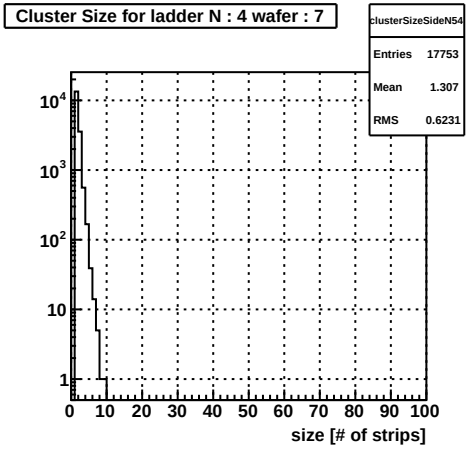

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 27293
Mean 1.278
RMS 0.6764
size [# of strips]

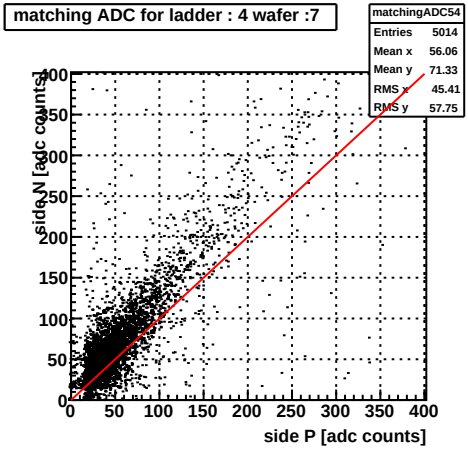

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 5525
Mean x 52.83
Mean y 50.35
RMS x 46.03
RMS y 44.31
side N [adc counts]
side P [adc counts]

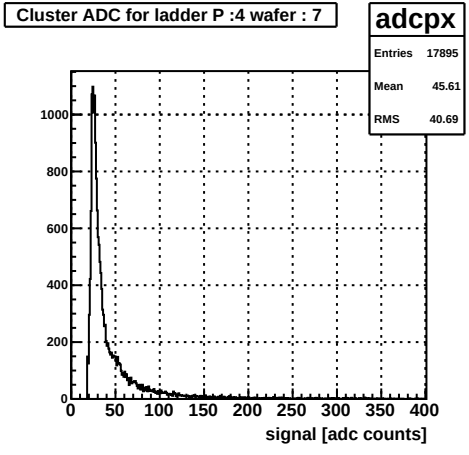

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 30715
Mean 37.22
RMS 32.1
signal [adc counts]

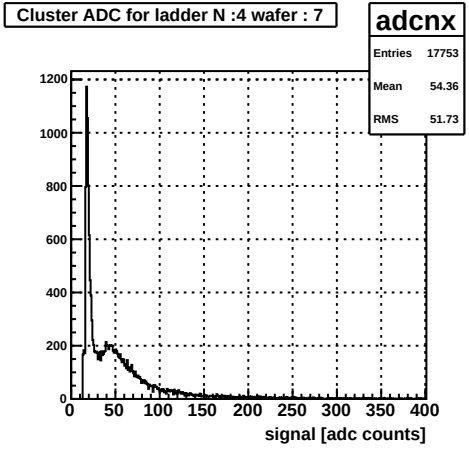

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 27293
Mean 42.45
RMS 39.85
signal [adc counts]

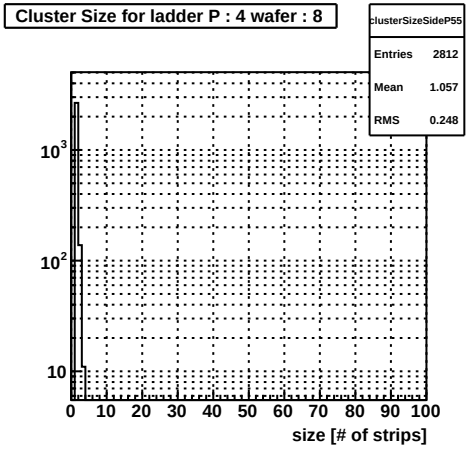

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 17895
Mean 1.115
RMS 0.3835
size [# of strips]

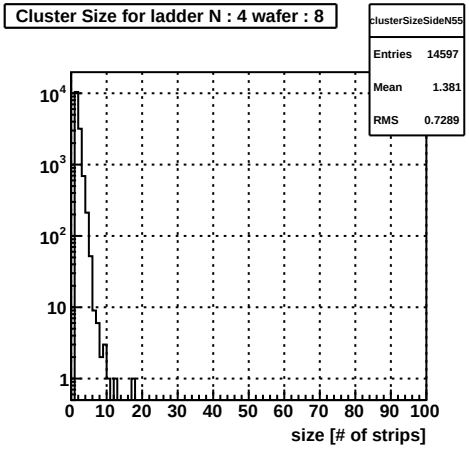

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 17753
Mean 1.307
RMS 0.6231
size [# of strips]

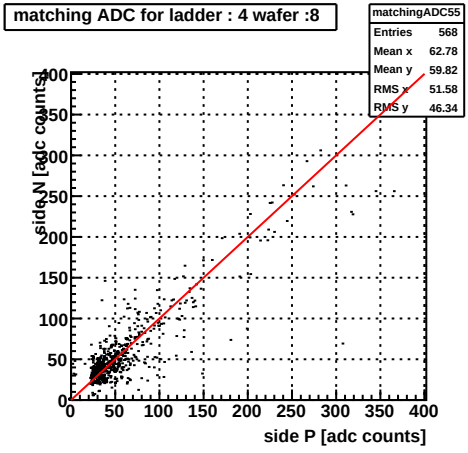

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5014
Mean x 56.06
Mean y 71.33
RMS x 45.41
RMS y 57.75
side N [adc counts]
side P [adc counts]

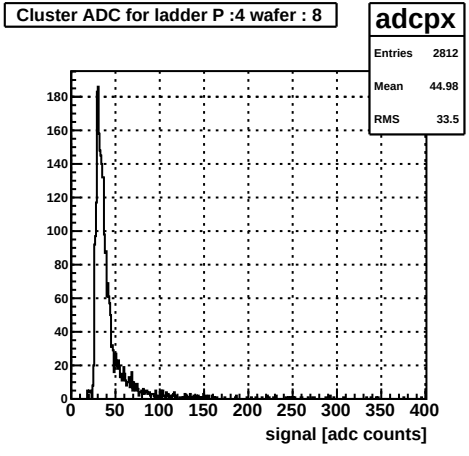

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 17895
Mean 45.61
RMS 40.69
signal [adc counts]

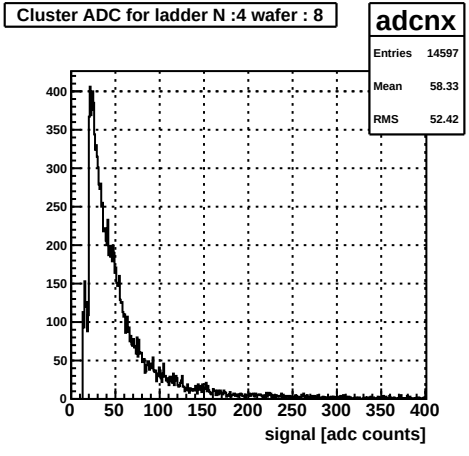

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 17753
Mean 54.36
RMS 51.73
signal [adc counts]

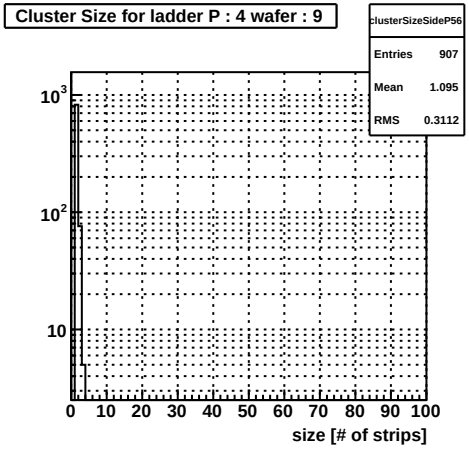

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2812
Mean 1.057
RMS 0.248
size [# of strips]

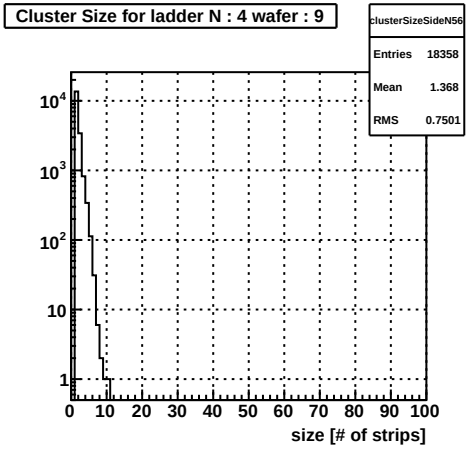

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 14597
Mean 1.381
RMS 0.7289
size [# of strips]

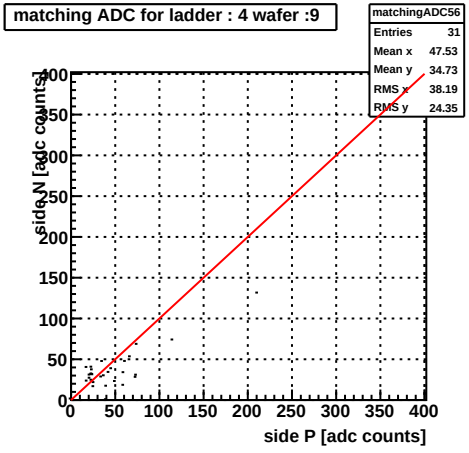

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 568
Mean x 62.78
Mean y 59.82
RMS x 51.58
RMS y 46.34
side N [adc counts]
side P [adc counts]

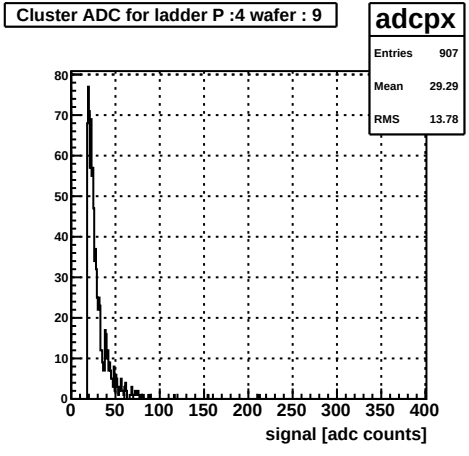

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2812
Mean 44.98
RMS 33.5
signal [adc counts]

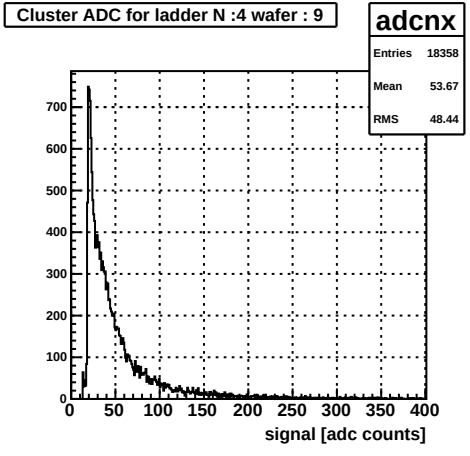

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 14597
Mean 58.33
RMS 52.42
signal [adc counts]

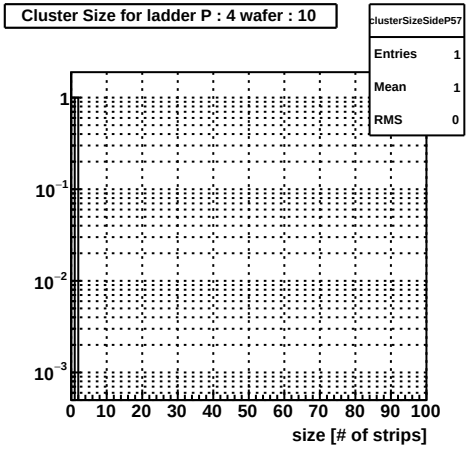

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 907
Mean 1.095
RMS 0.3112
size [# of strips]

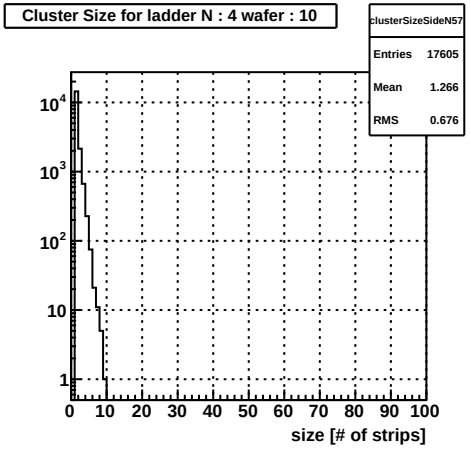

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 18358
Mean 1.368
RMS 0.7501
size [# of strips]

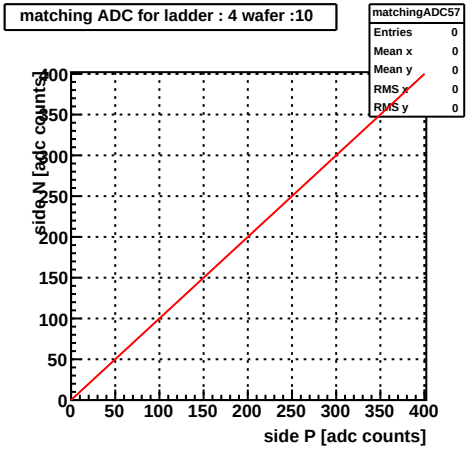

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 31
Mean x 47.53
Mean y 34.73
RMS x 38.19
RMS y 24.35
side N [adc counts]
side P [adc counts]

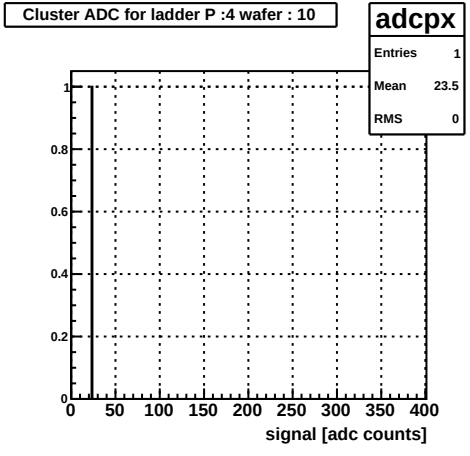

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 907
Mean 29.29
RMS 13.78
signal [adc counts]

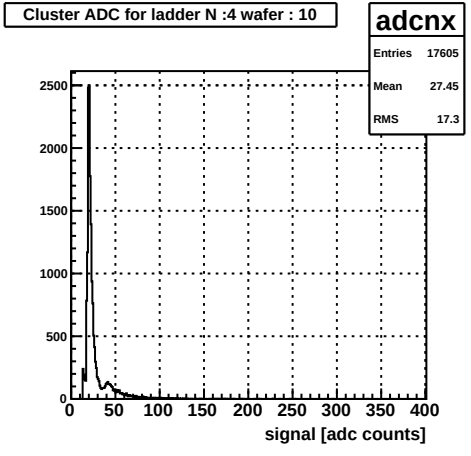

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 18358
Mean 53.67
RMS 48.44
signal [adc counts]

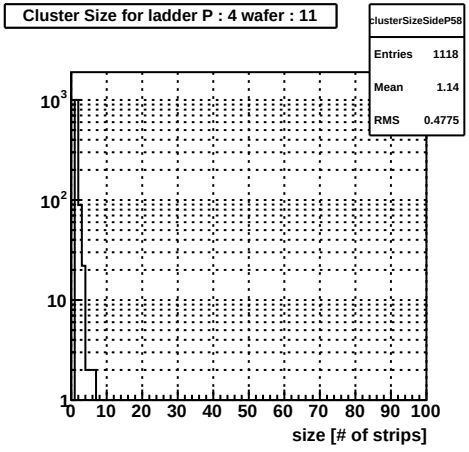

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1
Mean 1
RMS 0
size [# of strips]

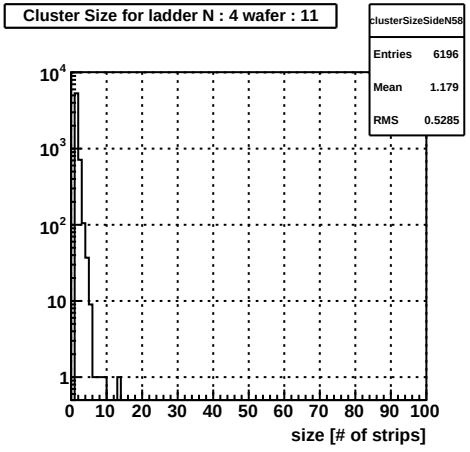

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17605
Mean 1.266
RMS 0.676
size [# of strips]

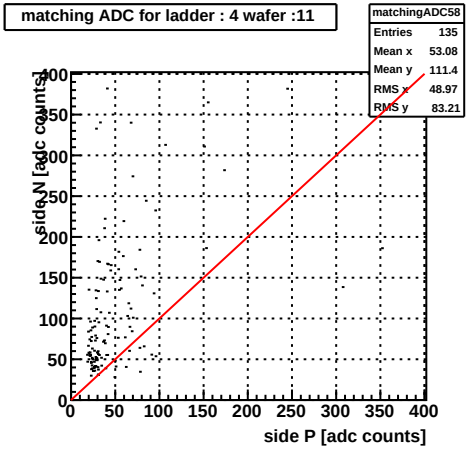

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

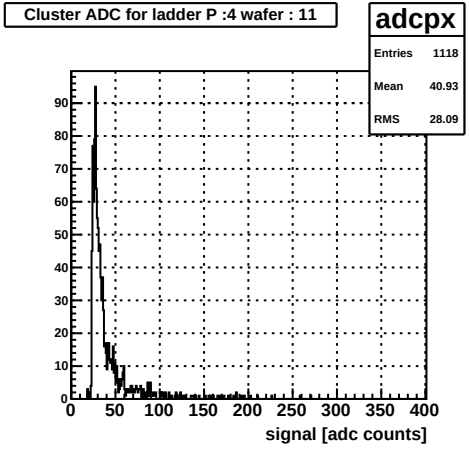

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1
Mean 23.5
RMS 0
signal [adc counts]

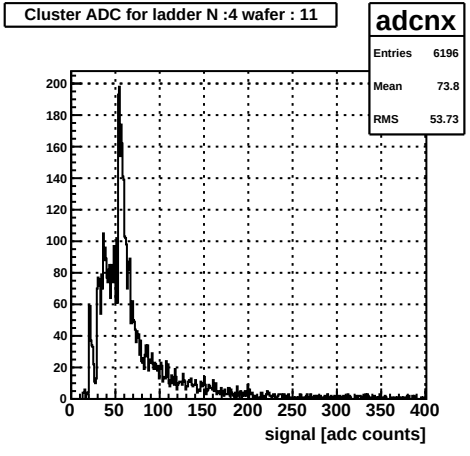

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17605
Mean 27.45
RMS 17.3
signal [adc counts]

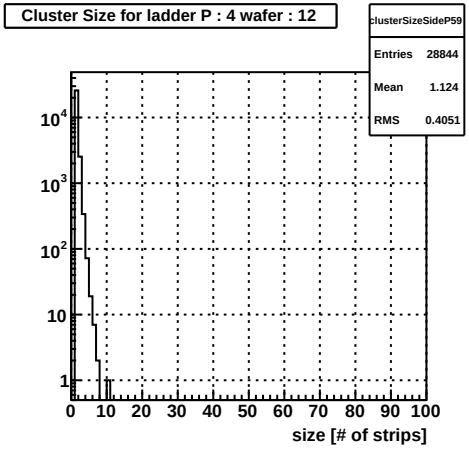

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1118
Mean 1.14
RMS 0.4775
size [# of strips]

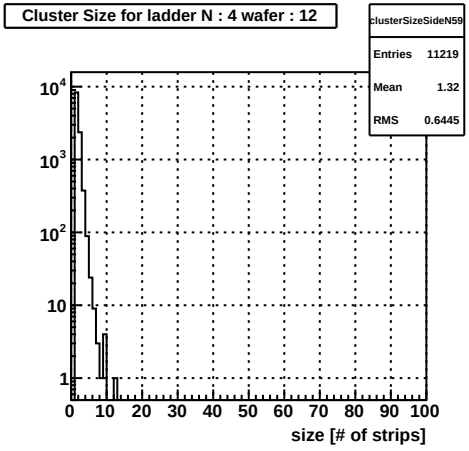

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 6196
Mean 1.179
RMS 0.5285
size [# of strips]

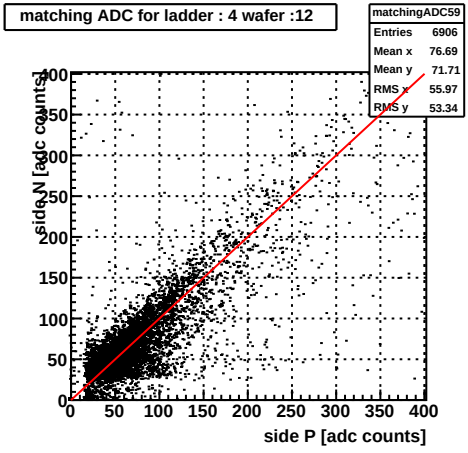

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 135
Mean x 53.08
Mean y 111.4
RMS x 48.97
RMS y 83.21
side N [adc counts]
side P [adc counts]

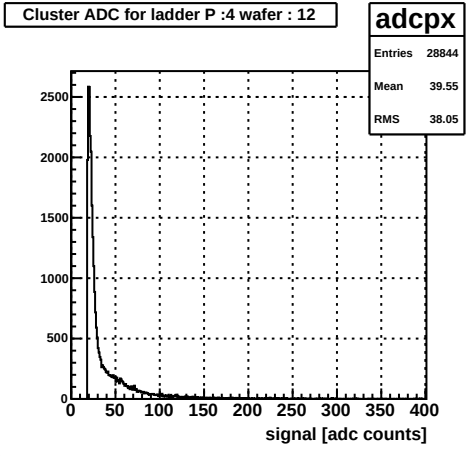

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1118
Mean 40.93
RMS 28.09
signal [adc counts]

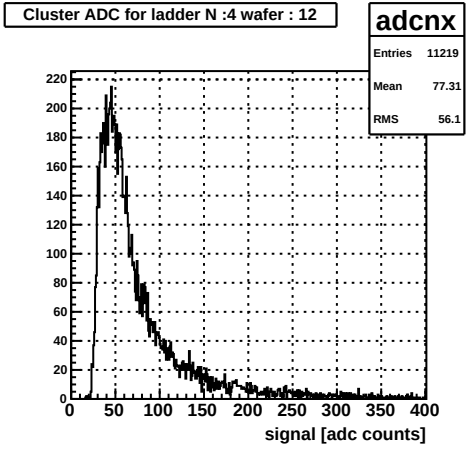

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 6196
Mean 73.8
RMS 53.73
signal [adc counts]

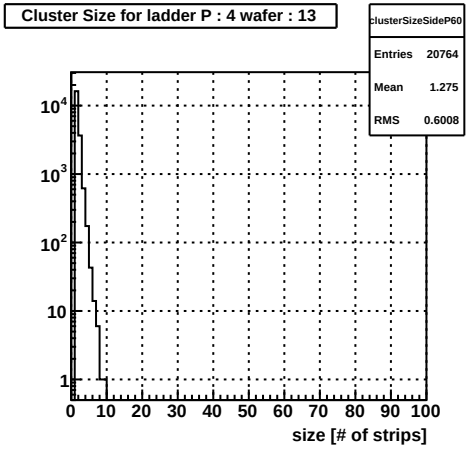

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 28844
Mean 1.124
RMS 0.4051
size [# of strips]

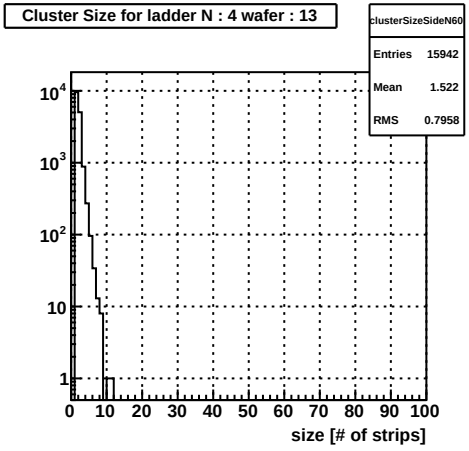

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 11219
Mean 1.32
RMS 0.6445
size [# of strips]

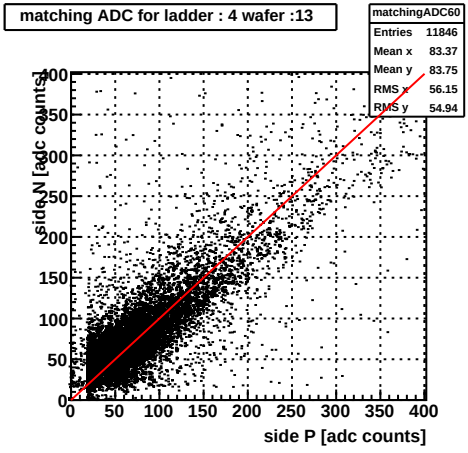

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 6906
Mean x 76.69
Mean y 71.71
RMS x 55.97
RMS y 53.34
side N [adc counts]
side P [adc counts]

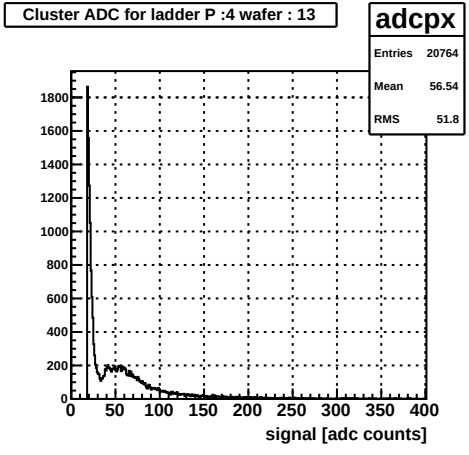

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 28844
Mean 39.55
RMS 38.05
signal [adc counts]

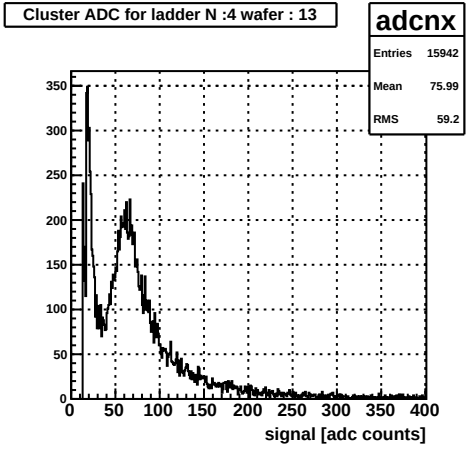

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 11219
Mean 77.31
RMS 56.1
signal [adc counts]

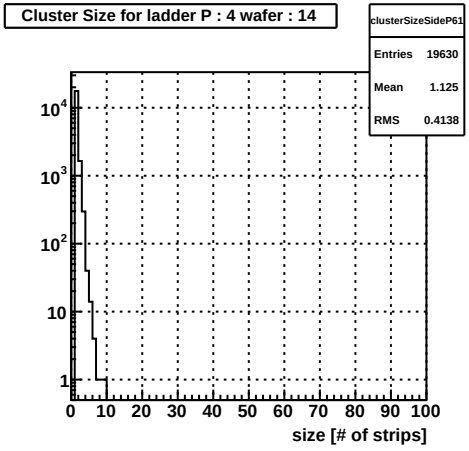

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 20764
Mean 1.275
RMS 0.6008
size [# of strips]

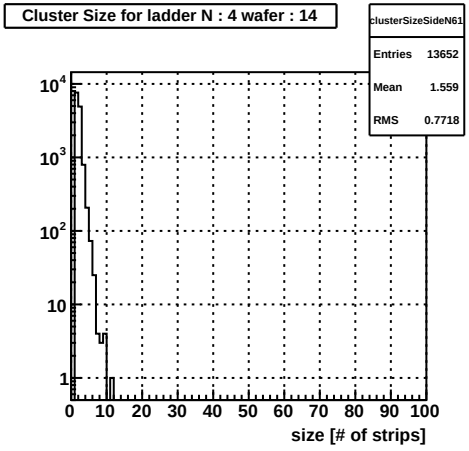

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 15942
Mean 1.522
RMS 0.7958
size [# of strips]

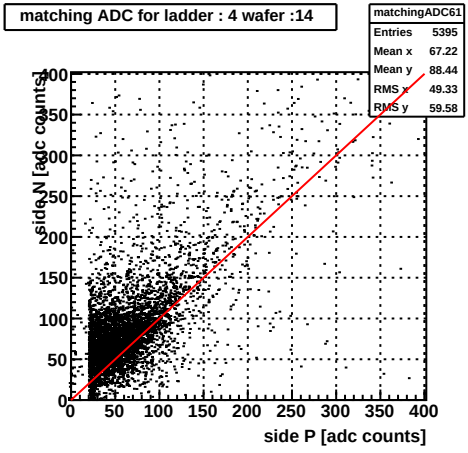

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 11846
Mean x 83.37
Mean y 83.75
RMS x 56.15
RMS y 54.94
side N [adc counts]
side P [adc counts]

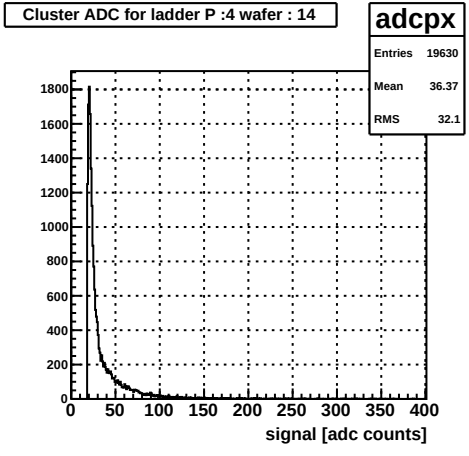

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 20764
Mean 56.54
RMS 51.8
signal [adc counts]

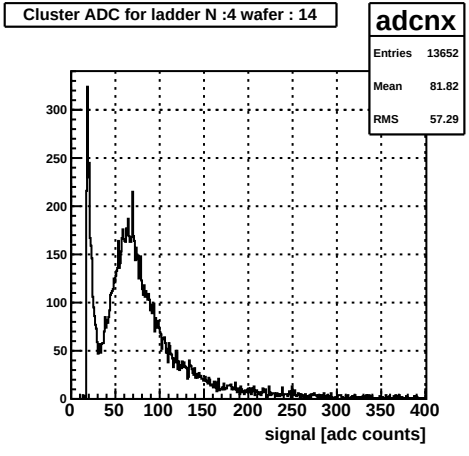

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 15942
Mean 75.99
RMS 59.2
signal [adc counts]

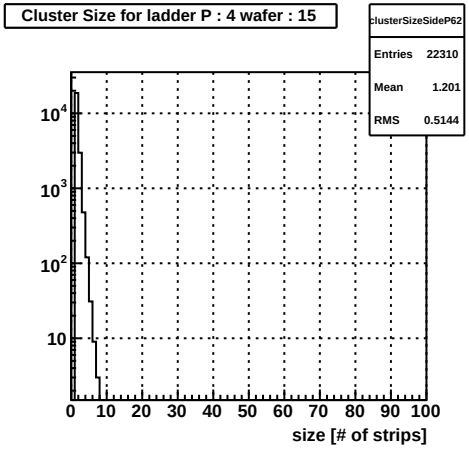

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 19630
Mean 1.125
RMS 0.4138
size [# of strips]

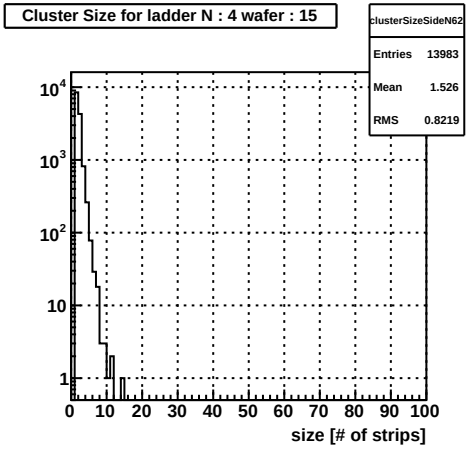

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 13652
Mean 1.559
RMS 0.7718
size [# of strips]

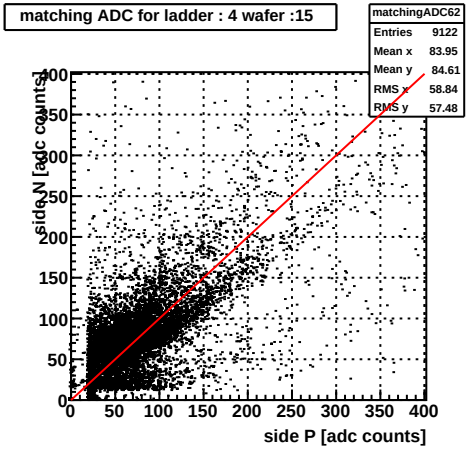

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5395
Mean x 67.22
Mean y 88.44
RMS x 49.33
RMS y 59.58
side N [adc counts]
side P [adc counts]

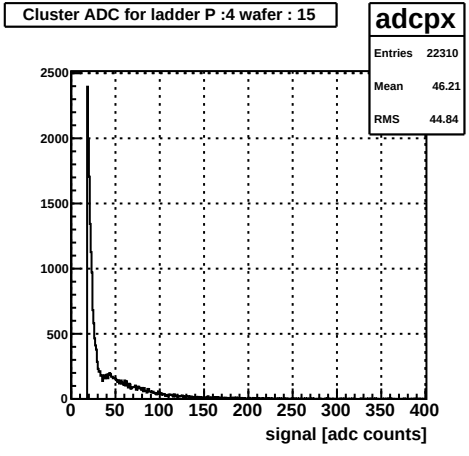

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 19630
Mean 36.37
RMS 32.1
signal [adc counts]

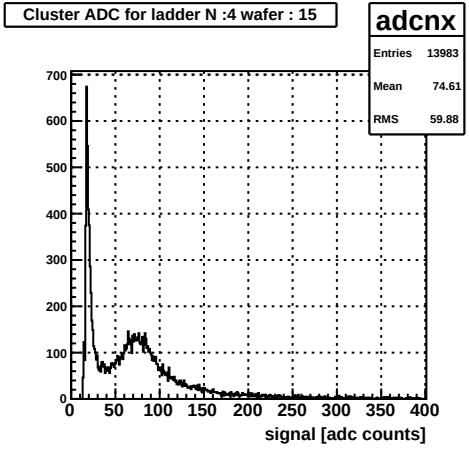

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 13652
Mean 81.82
RMS 57.29
signal [adc counts]

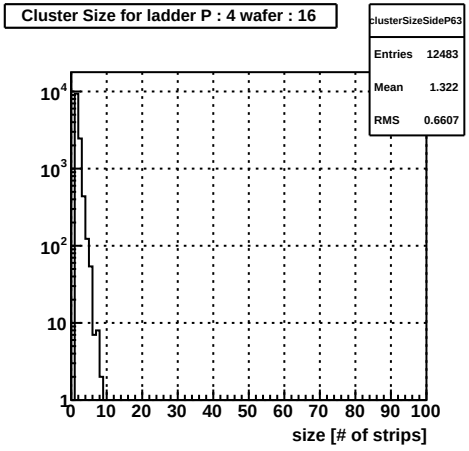

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 22310
Mean 1.201
RMS 0.5144
size [# of strips]

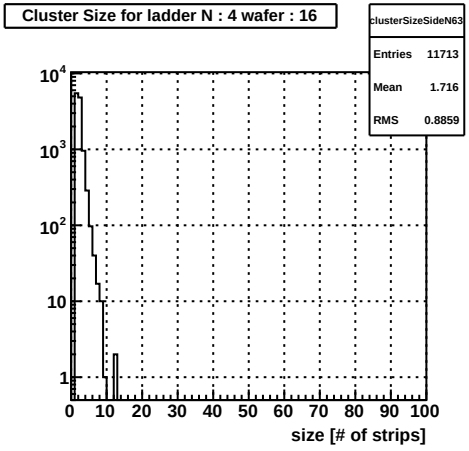

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 13983
Mean 1.526
RMS 0.8219
size [# of strips]

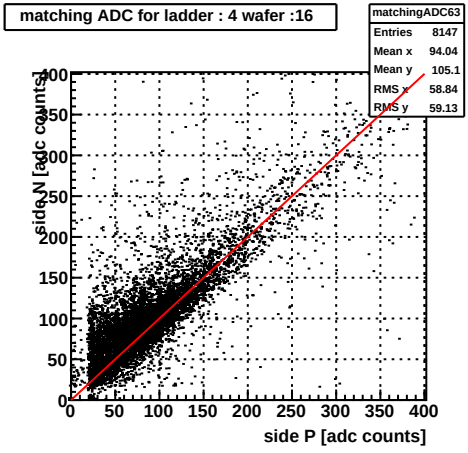

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 9122
Mean x 83.95
Mean y 84.61
RMS x 58.84
RMS y 57.48
side N [adc counts]
side P [adc counts]

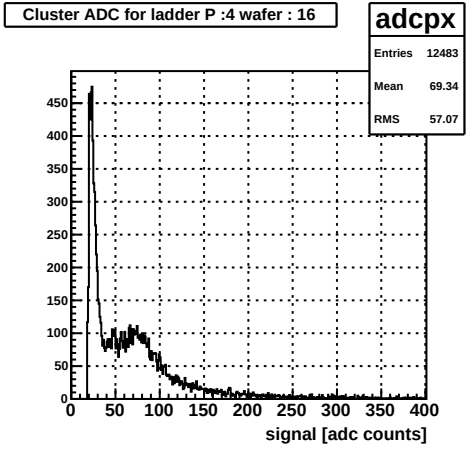

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 22310
Mean 46.21
RMS 44.84
signal [adc counts]

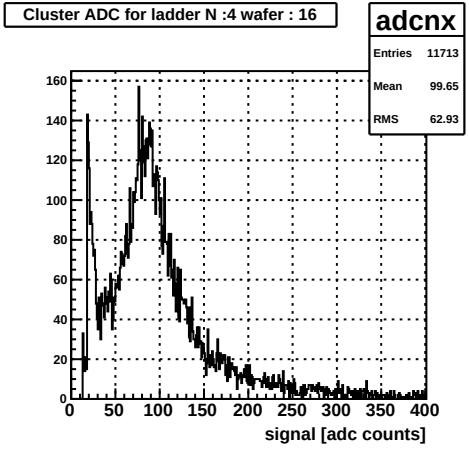

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 13983
Mean 74.61
RMS 59.88
signal [adc counts]

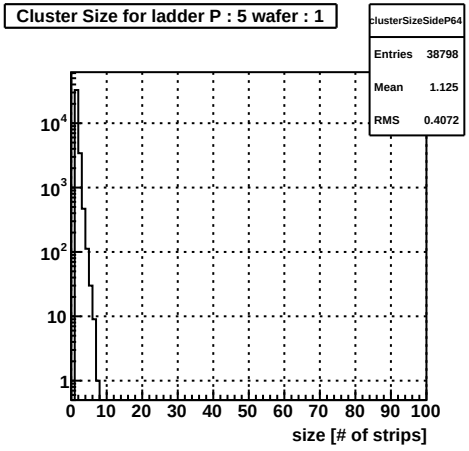

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 12483
Mean 1.322
RMS 0.6607
size [# of strips]

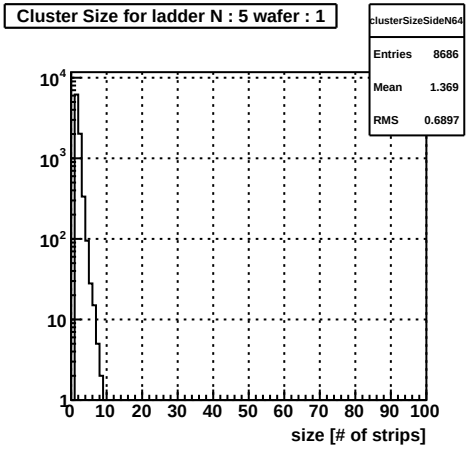

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 11713
Mean 1.716
RMS 0.8859
size [# of strips]

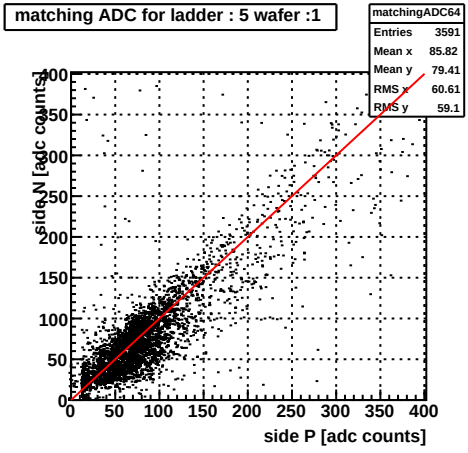

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8147
Mean x 94.04
Mean y 105.1
RMS x 58.84
RMS y 59.13
side N [adc counts]
side P [adc counts]

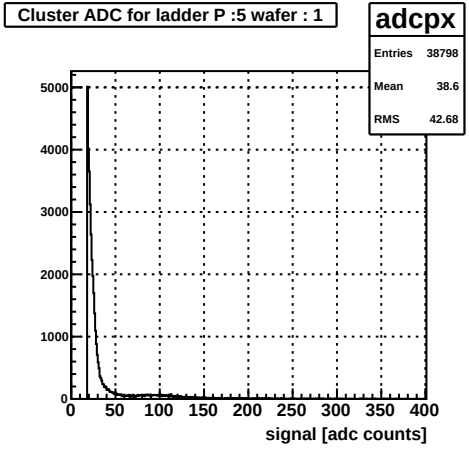

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 12483
Mean 69.34
RMS 57.07
signal [adc counts]

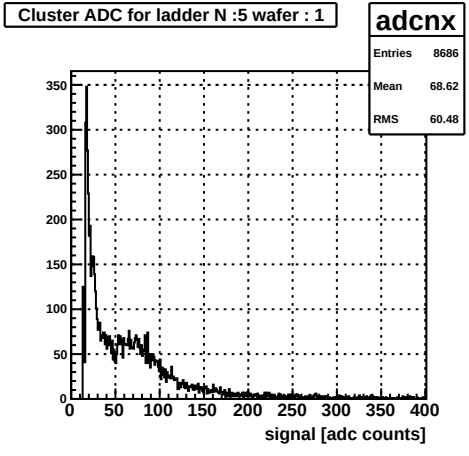

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 11713
Mean 99.65
RMS 62.93
signal [adc counts]

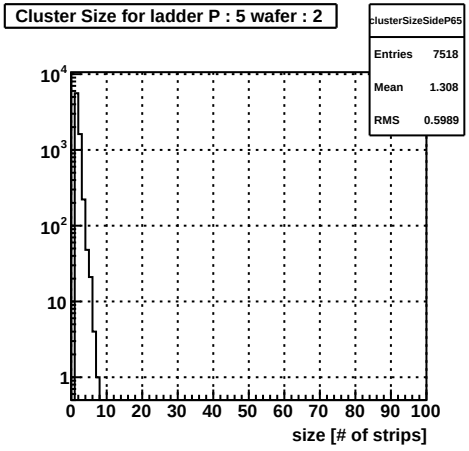

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 38798
Mean 1.125
RMS 0.4072
size [# of strips]

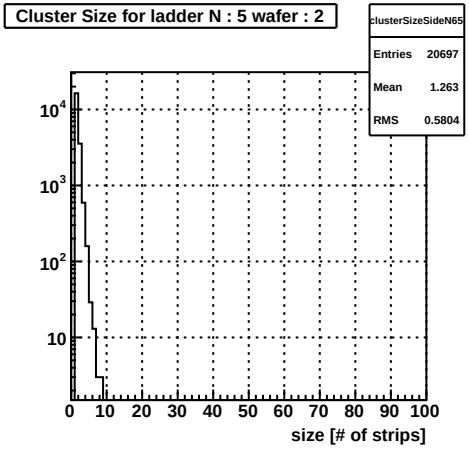

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8686
Mean 1.369
RMS 0.6897
size [# of strips]

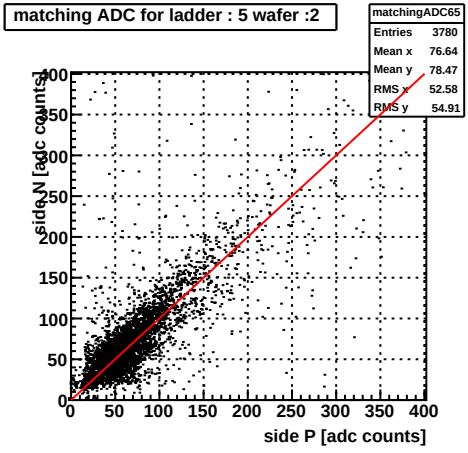

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3591
Mean x 85.82
Mean y 79.41
RMS x 60.61
RMS y 59.1
side N [adc counts]
side P [adc counts]

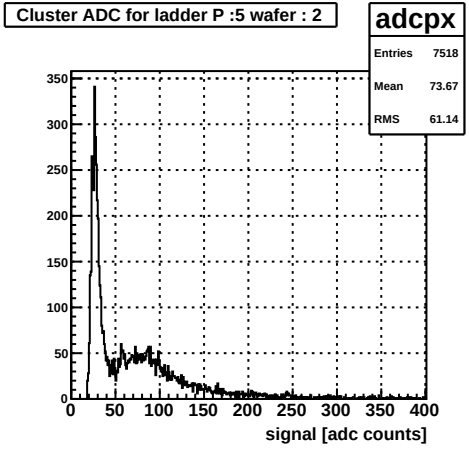

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 38798
Mean 38.6
RMS 42.68
signal [adc counts]

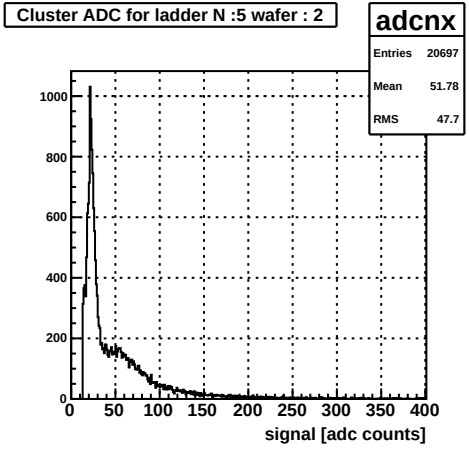

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8686
Mean 68.62
RMS 60.48
signal [adc counts]

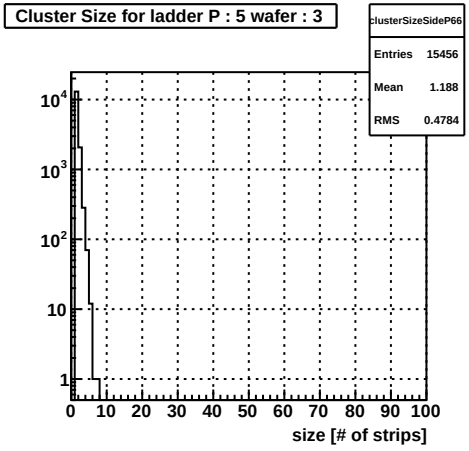

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 7518
Mean 1.308
RMS 0.5989
size [# of strips]

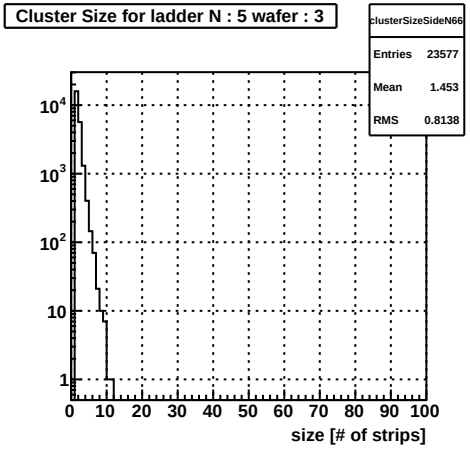

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 20697
Mean 1.263
RMS 0.5804
size [# of strips]

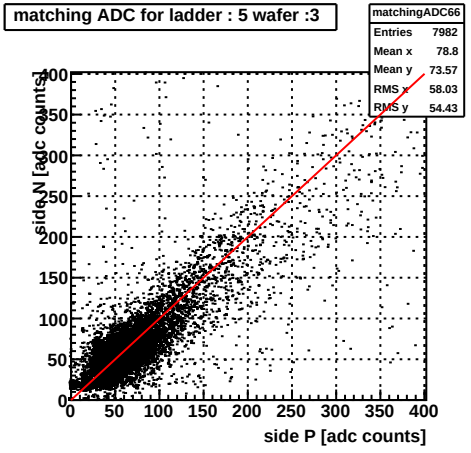

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3780
Mean x 76.64
Mean y 78.47
RMS x 52.58
RMS y 54.91
side N [adc counts]
side P [adc counts]

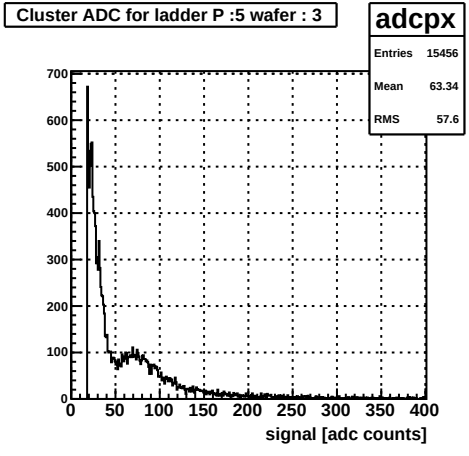

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 7518
Mean 73.67
RMS 61.14
signal [adc counts]

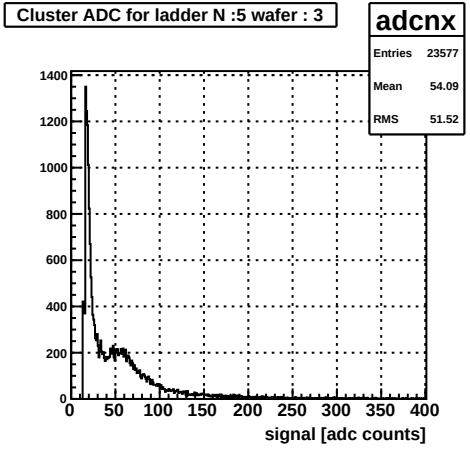

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 20697
Mean 51.78
RMS 47.7
signal [adc counts]

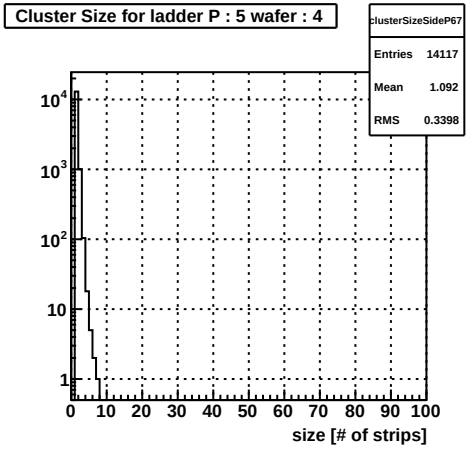

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 15456
Mean 1.188
RMS 0.4784
size [# of strips]

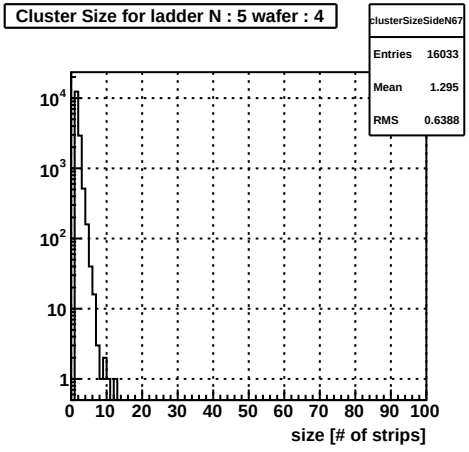

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 23577
Mean 1.453
RMS 0.8138
size [# of strips]

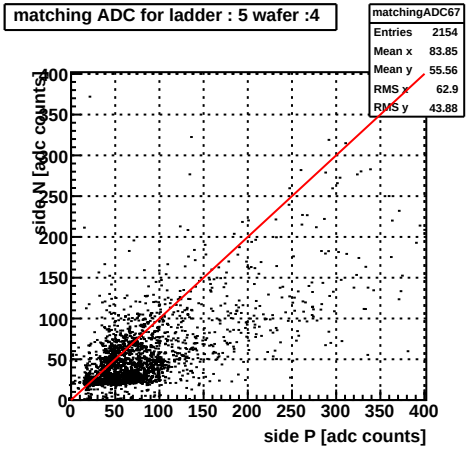

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 7982
Mean x 78.8
Mean y 73.57
RMS x 58.03
RMS y 54.43
side N [adc counts]
side P [adc counts]

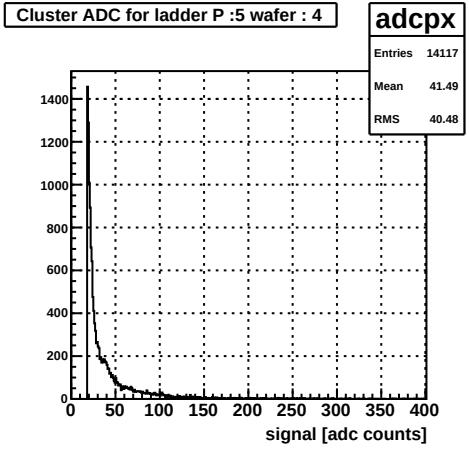

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 15456
Mean 63.34
RMS 57.6
signal [adc counts]

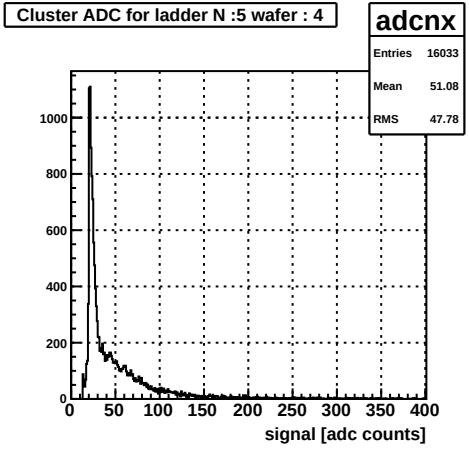

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 23577
Mean 54.09
RMS 51.52
signal [adc counts]

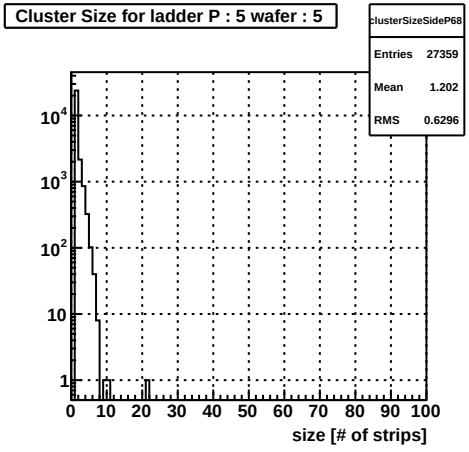

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 14117
Mean 1.092
RMS 0.3398
size [# of strips]

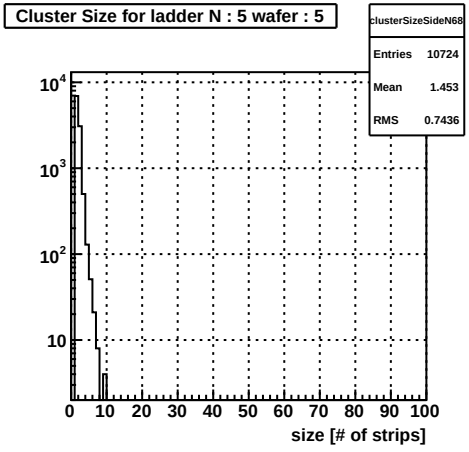

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 16033
Mean 1.295
RMS 0.6388
size [# of strips]

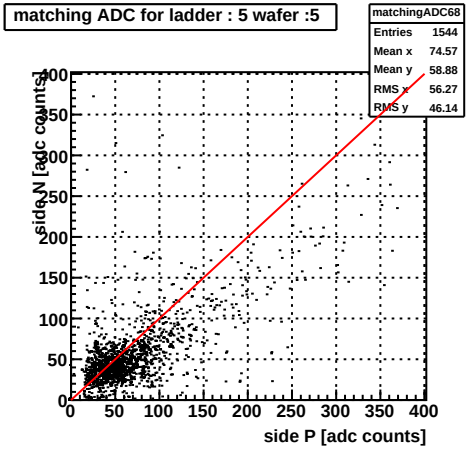

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2154
Mean x 83.85
Mean y 55.56
RMS x 62.9
RMS y 43.88
side N [adc counts]
side P [adc counts]

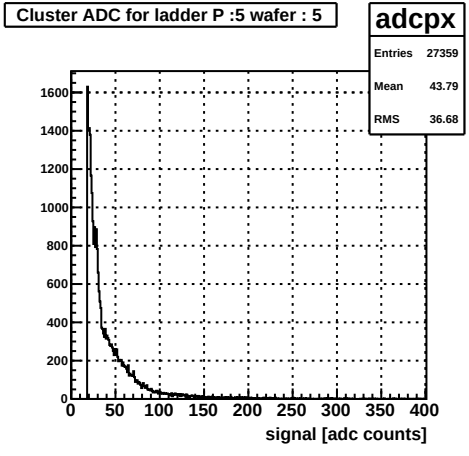

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 14117
Mean 41.49
RMS 40.48
signal [adc counts]

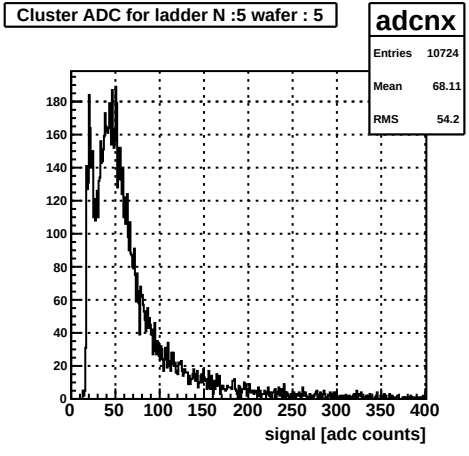

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 16033
Mean 51.08
RMS 47.78
signal [adc counts]

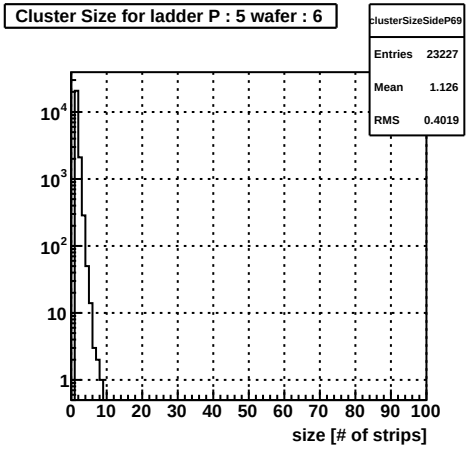

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 27359
Mean 1.202
RMS 0.6296
size [# of strips]

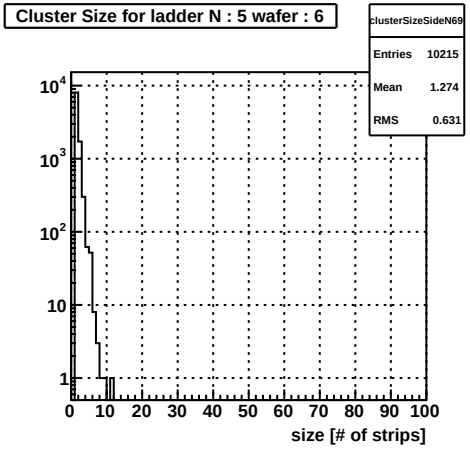

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 10724
Mean 1.453
RMS 0.7436
size [# of strips]

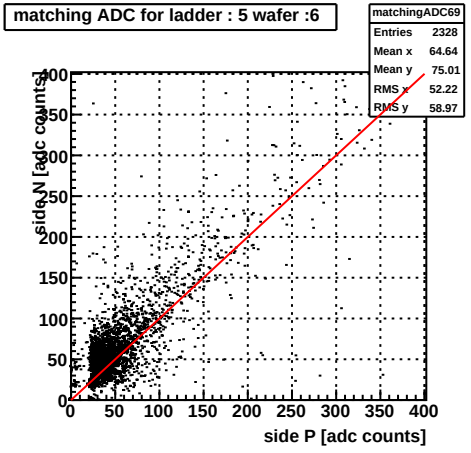

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1544
Mean x 74.57
Mean y 58.88
RMS x 56.27
RMS y 46.14
side N [adc counts]
side P [adc counts]

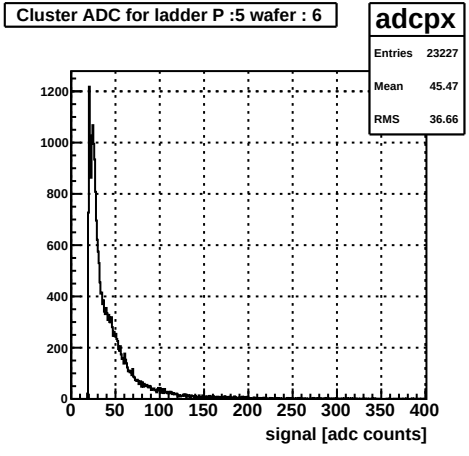

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 27359
Mean 43.79
RMS 36.68
signal [adc counts]

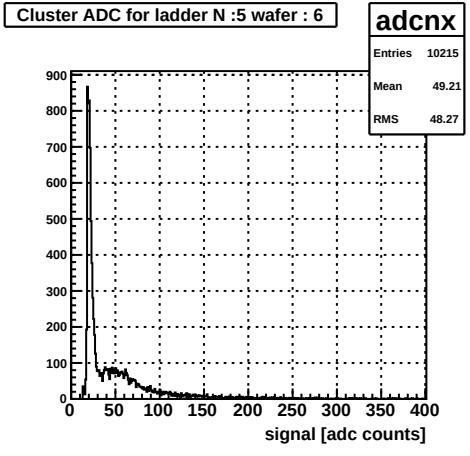

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 10724
Mean 68.11
RMS 54.2
signal [adc counts]

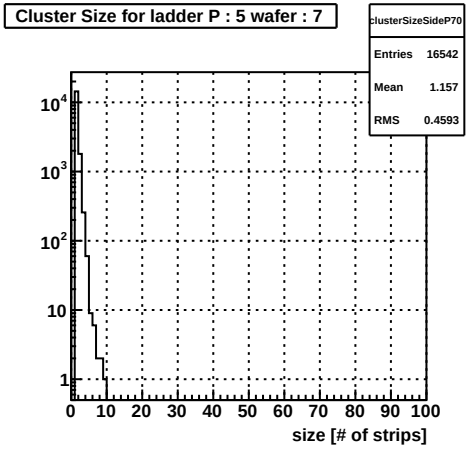

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23227
Mean 1.126
RMS 0.4019
size [# of strips]

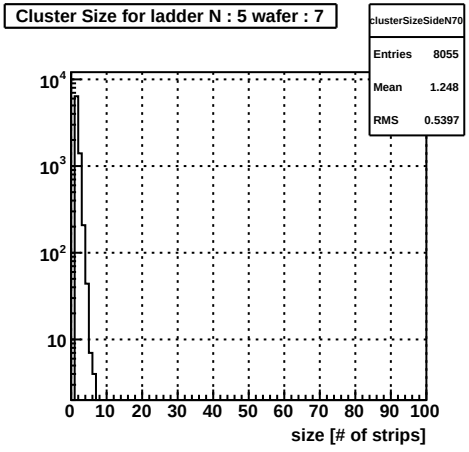

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10215
Mean 1.274
RMS 0.631
size [# of strips]

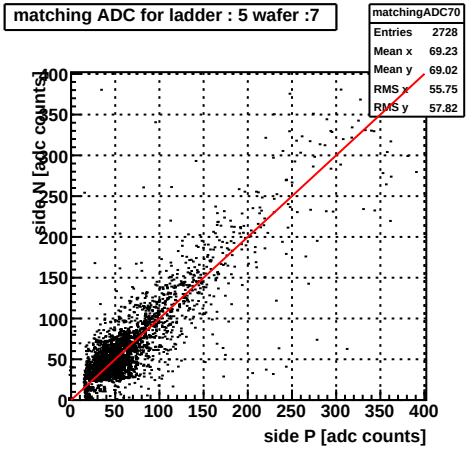

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2328
Mean x 64.64
Mean y 75.01
RMS x 52.22
RMS y 58.97
side N [adc counts]
side P [adc counts]

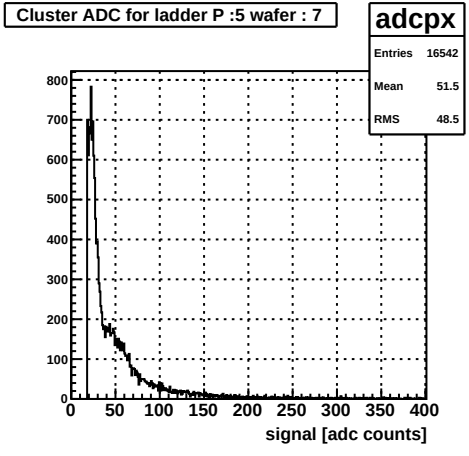

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23227
Mean 45.47
RMS 36.66
signal [adc counts]

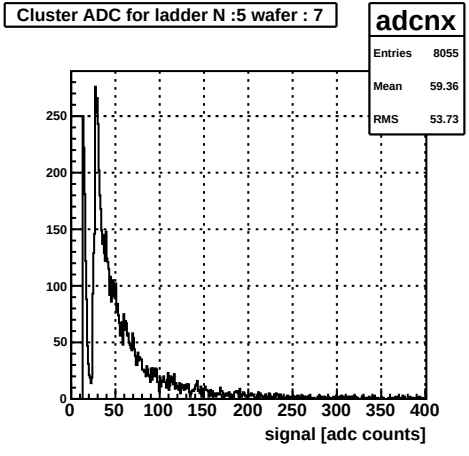

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10215
Mean 49.21
RMS 48.27
signal [adc counts]

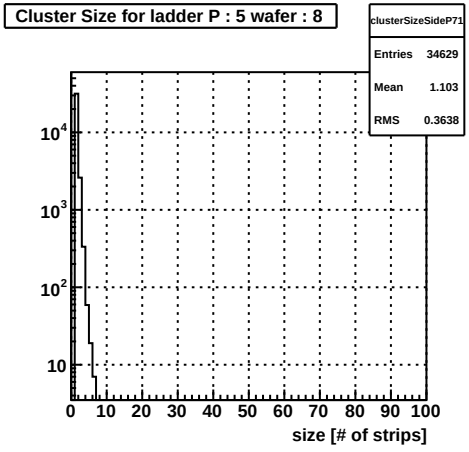

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 16542
Mean 1.157
RMS 0.4593
size [# of strips]

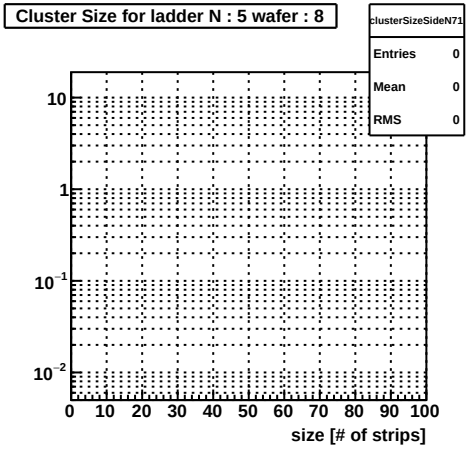

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8055
Mean 1.248
RMS 0.5397
size [# of strips]

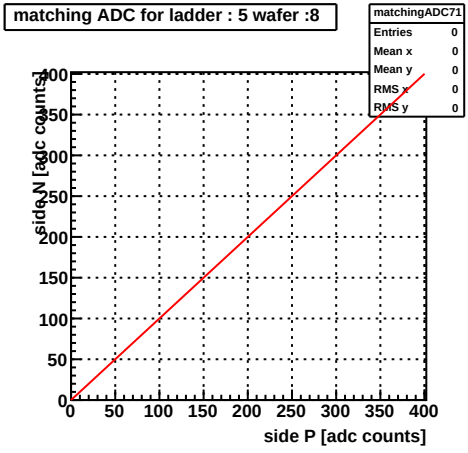

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2728
Mean x 69.23
Mean y 69.02
RMS x 55.75
RMS y 57.82
side N [adc counts]
side P [adc counts]

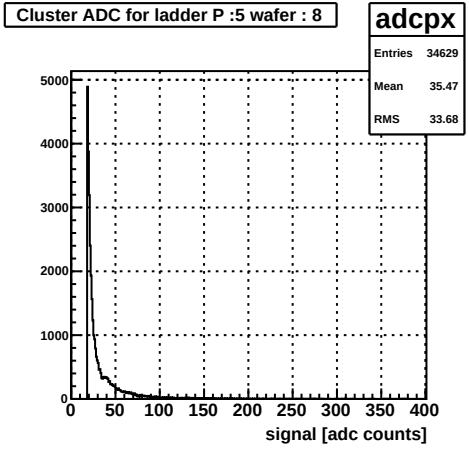

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 16542
Mean 51.5
RMS 48.5
signal [adc counts]

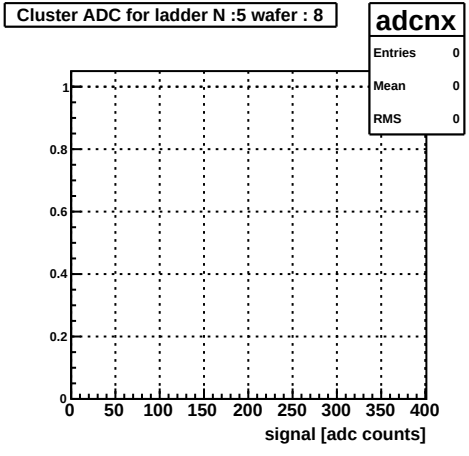

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8055
Mean 59.36
RMS 53.73
signal [adc counts]

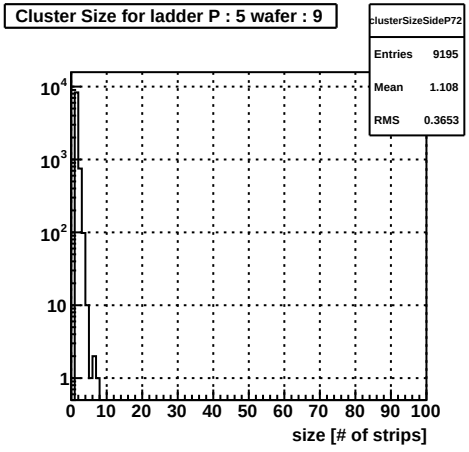

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 34629
Mean 1.103
RMS 0.3638
size [# of strips]

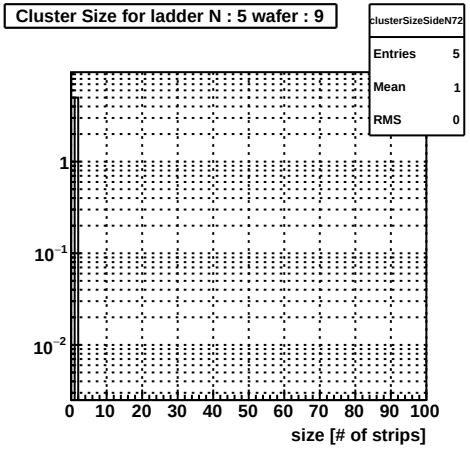

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

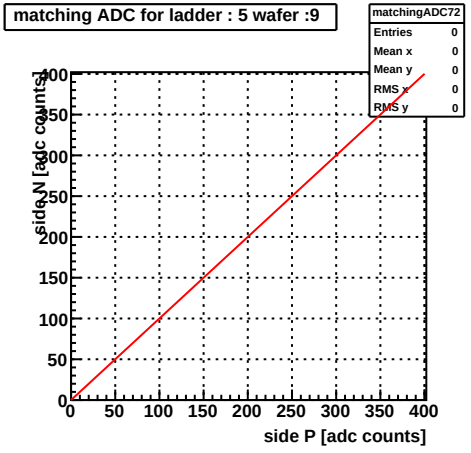

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

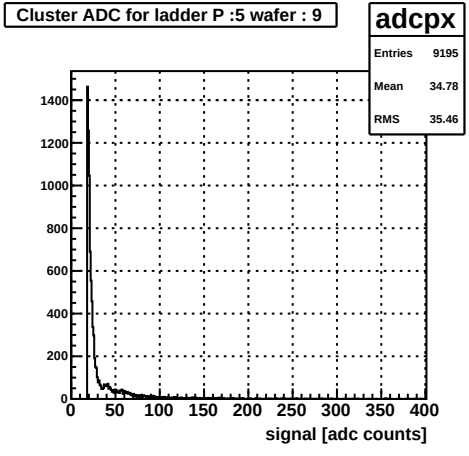

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 34629
Mean 35.47
RMS 33.68
signal [adc counts]

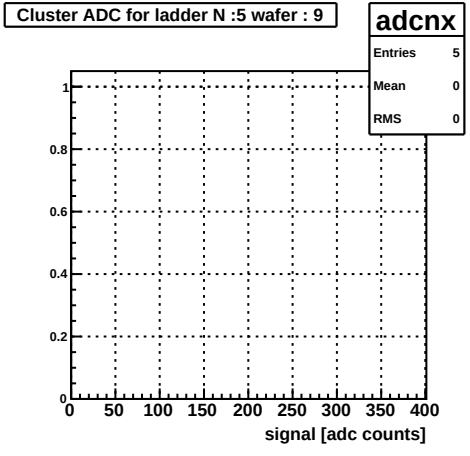

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

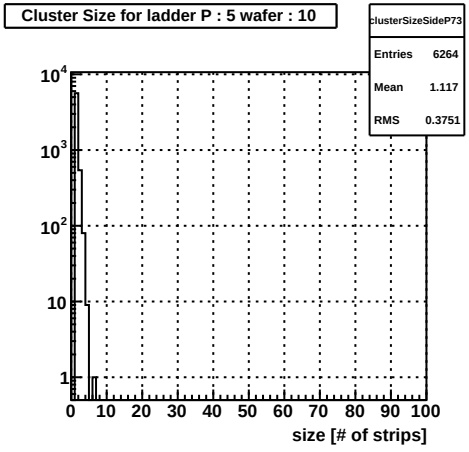

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9195
Mean 1.108
RMS 0.3653
size [# of strips]

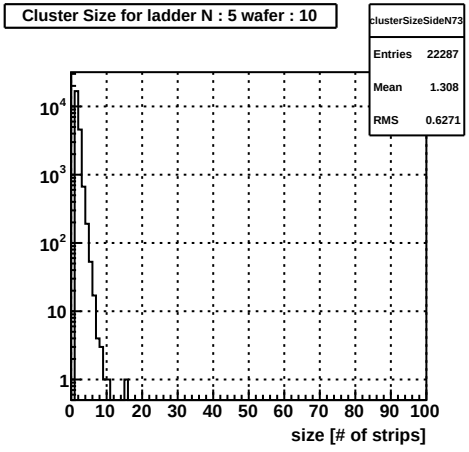

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 5
Mean 1
RMS 0
size [# of strips]

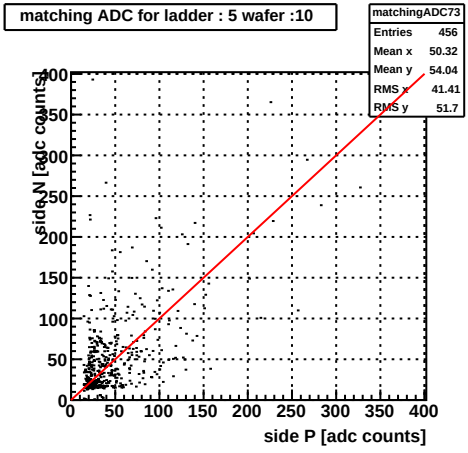

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

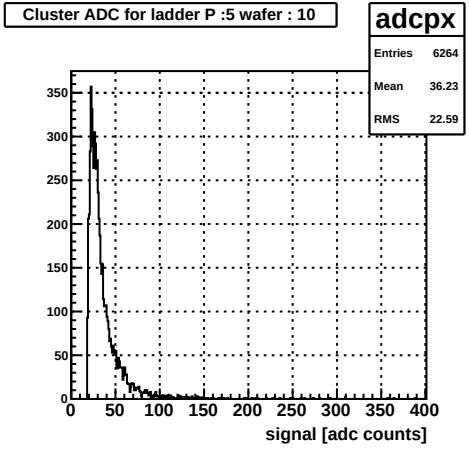

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9195
Mean 34.78
RMS 35.46
signal [adc counts]

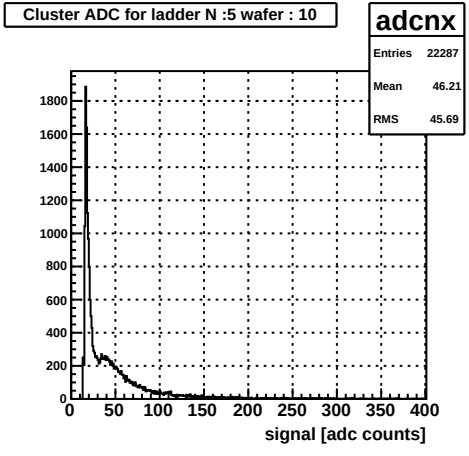

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

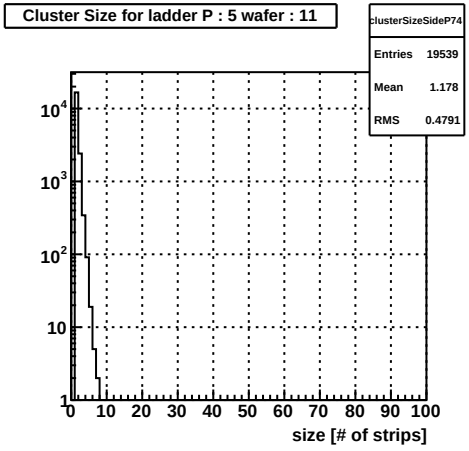

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6264
Mean 1.117
RMS 0.3751
size [# of strips]

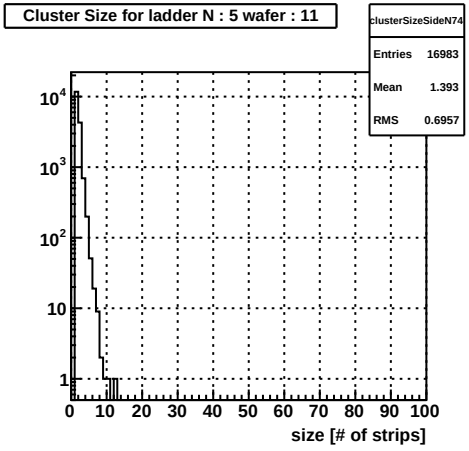

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 22287
Mean 1.308
RMS 0.6271
size [# of strips]

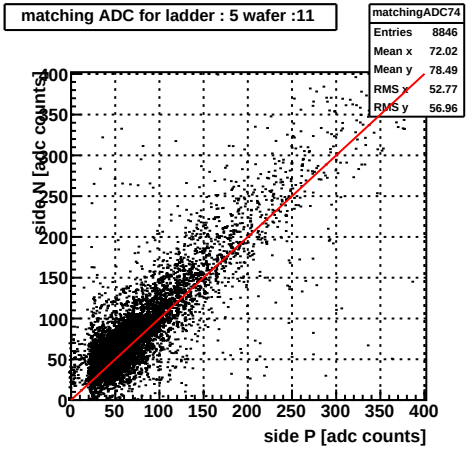

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 456
Mean x 50.32
Mean y 54.04
RMS x 41.41
RMS y 51.7
side N [adc counts]
side P [adc counts]

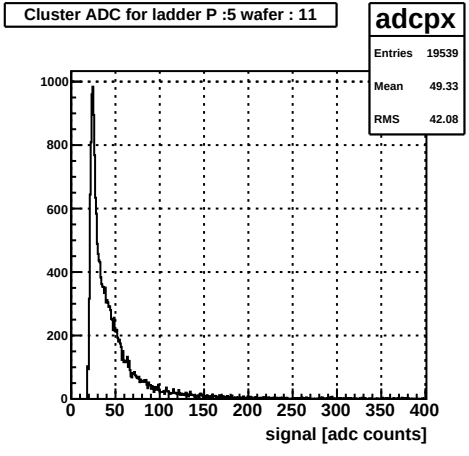

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6264
Mean 36.23
RMS 22.59
signal [adc counts]

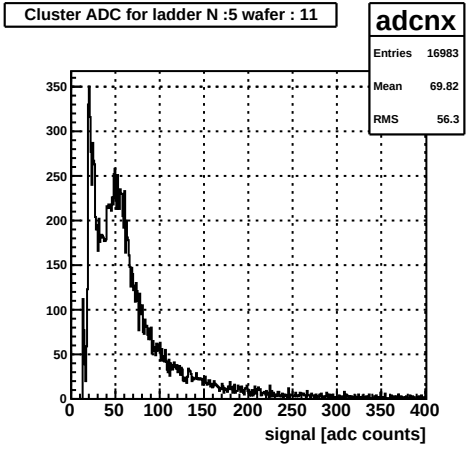

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 22287
Mean 46.21
RMS 45.69
signal [adc counts]

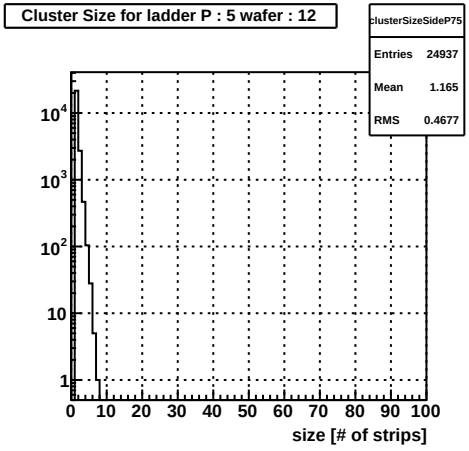

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 19539
Mean 1.178
RMS 0.4791
size [# of strips]

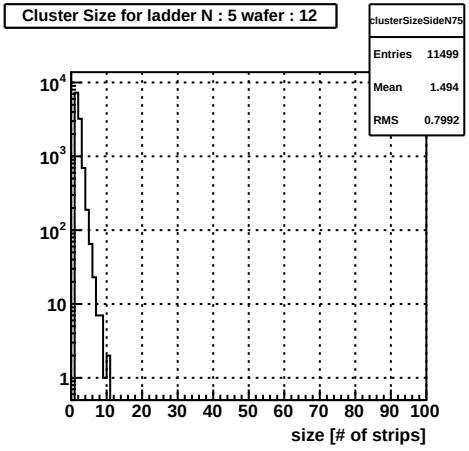

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 16983
Mean 1.393
RMS 0.6957
size [# of strips]

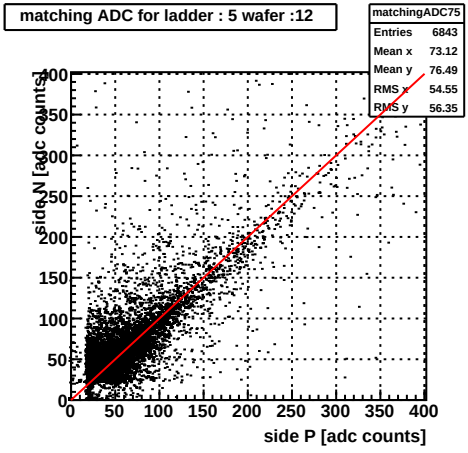

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 8846
Mean x 72.02
Mean y 78.49
RMS x 52.77
RMS y 56.96
side N [adc counts]
side P [adc counts]

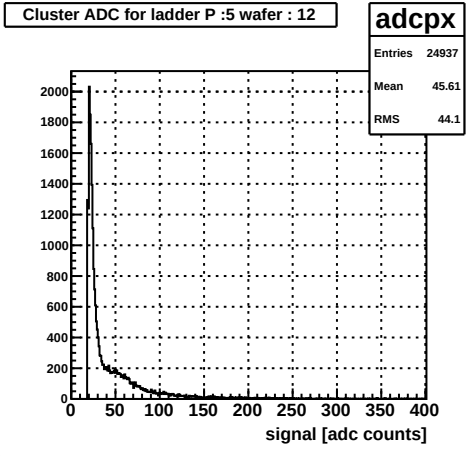

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 19539
Mean 49.33
RMS 42.08
signal [adc counts]

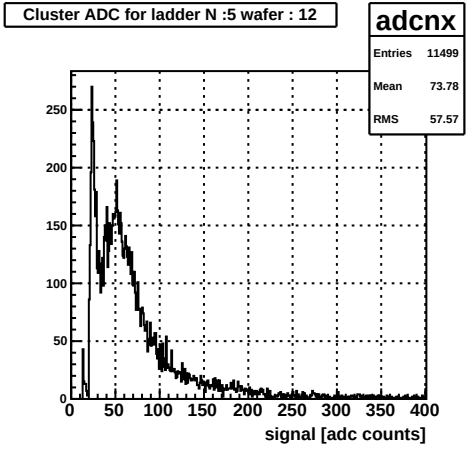

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 16983
Mean 69.82
RMS 56.3
signal [adc counts]

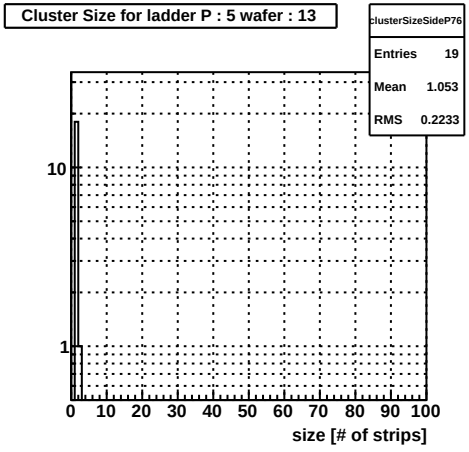

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 24937
Mean 1.165
RMS 0.4677
size [# of strips]

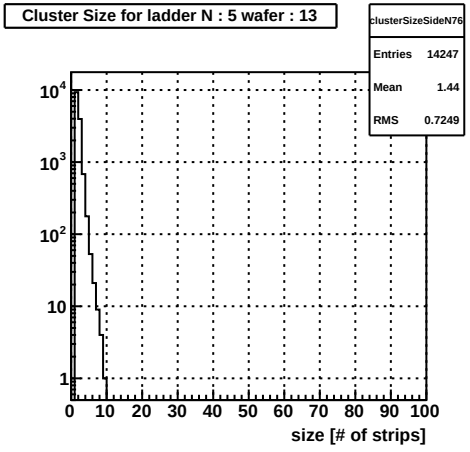

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 11499
Mean 1.494
RMS 0.7992
size [# of strips]

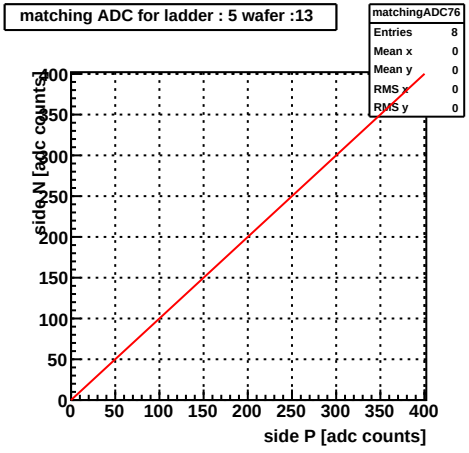

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 6843
Mean x 73.12
Mean y 76.49
RMS x 54.55
RMS y 56.35
side N [adc counts]
side P [adc counts]

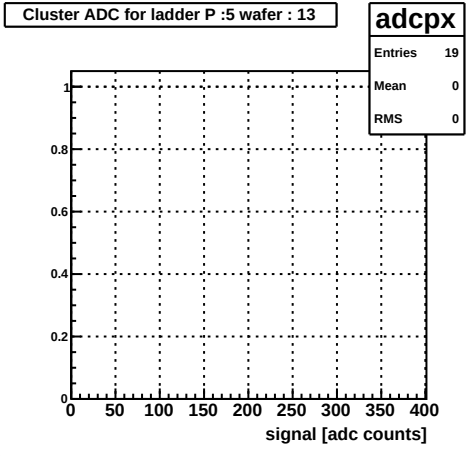

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 24937
Mean 45.61
RMS 44.1
signal [adc counts]

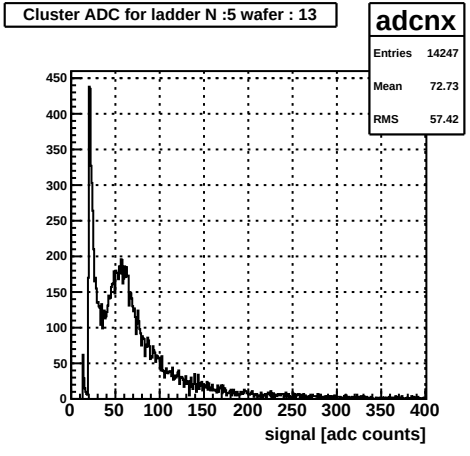

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 11499
Mean 73.78
RMS 57.57
signal [adc counts]

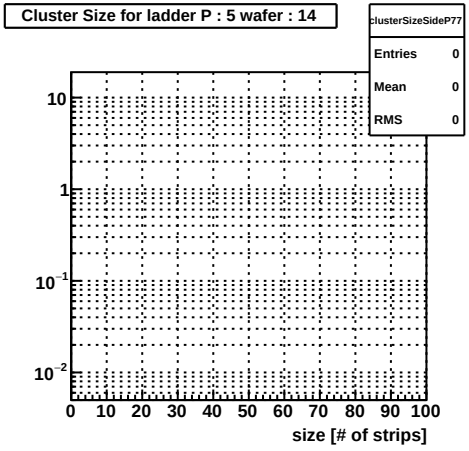

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 19
Mean 1.053
RMS 0.2233
size [# of strips]

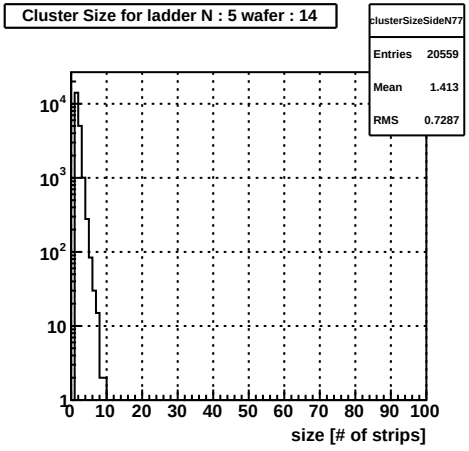

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 14247
Mean 1.44
RMS 0.7249
size [# of strips]

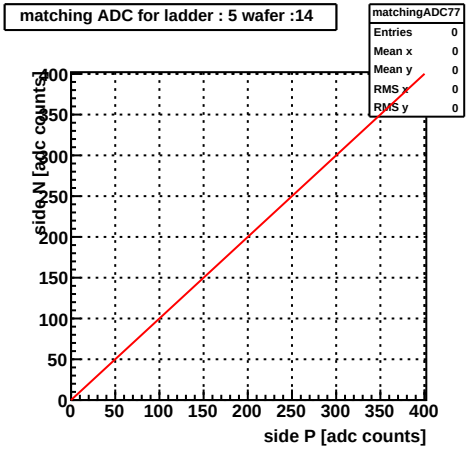

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

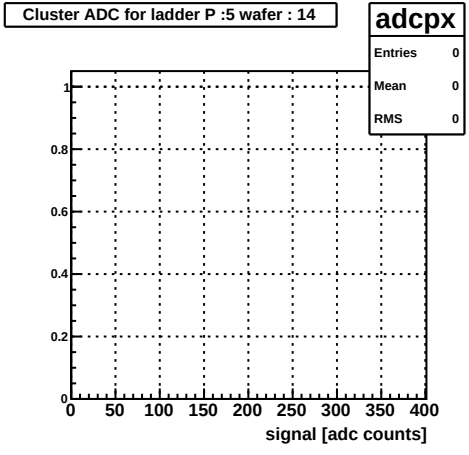

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

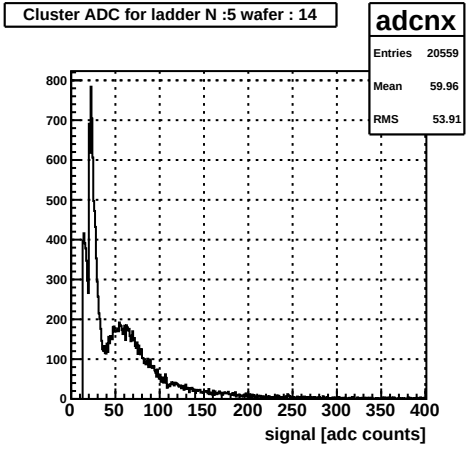

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 14247
Mean 72.73
RMS 57.42
signal [adc counts]

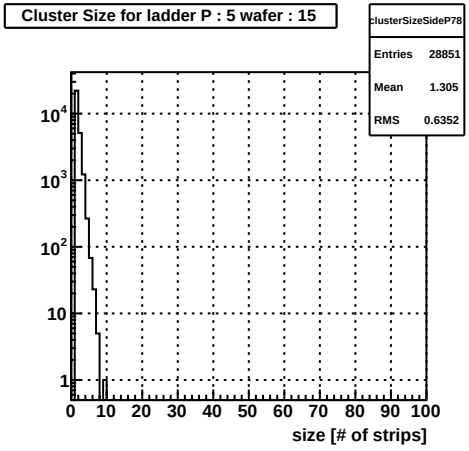

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

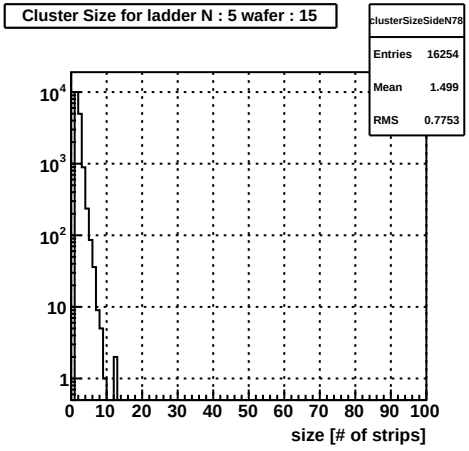

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 20559
Mean 1.413
RMS 0.7287
size [# of strips]

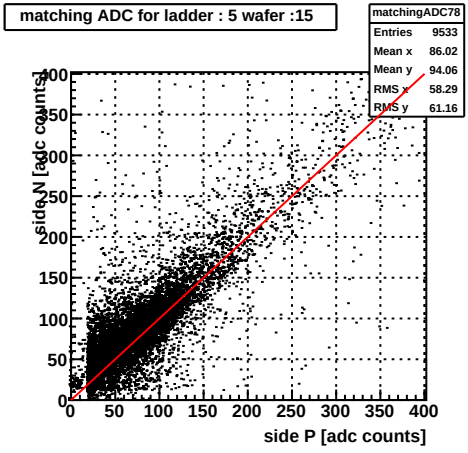

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

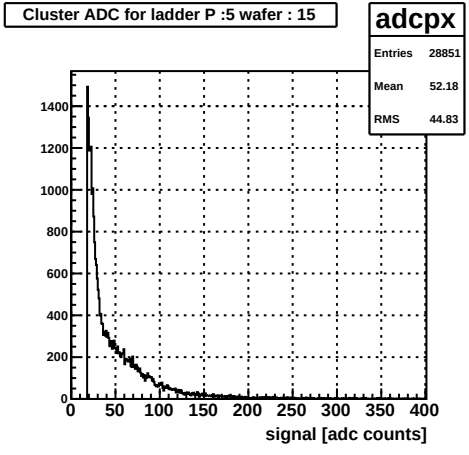

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

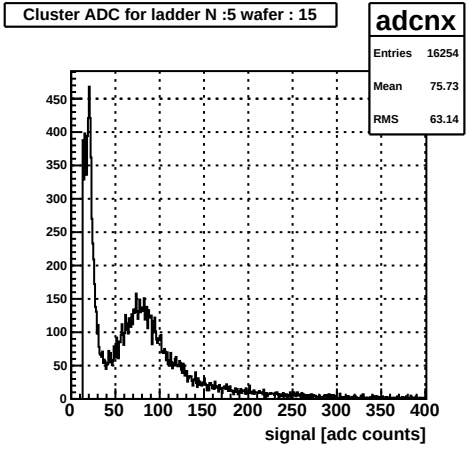

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 20559
Mean 59.96
RMS 53.91
signal [adc counts]

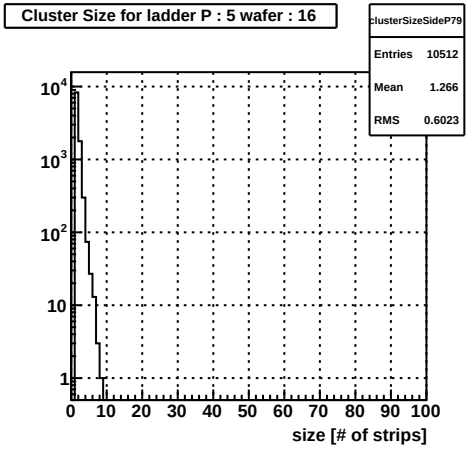

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 28851
Mean 1.305
RMS 0.6352
size [# of strips]

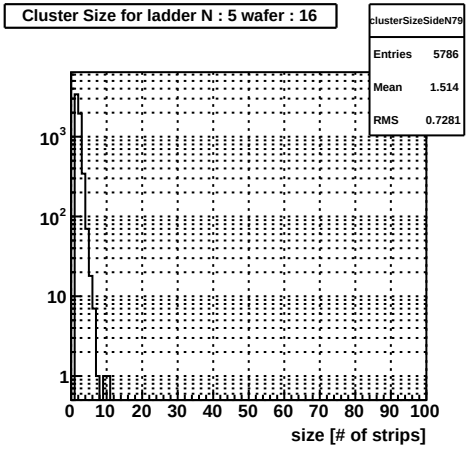

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 16254
Mean 1.499
RMS 0.7753
size [# of strips]

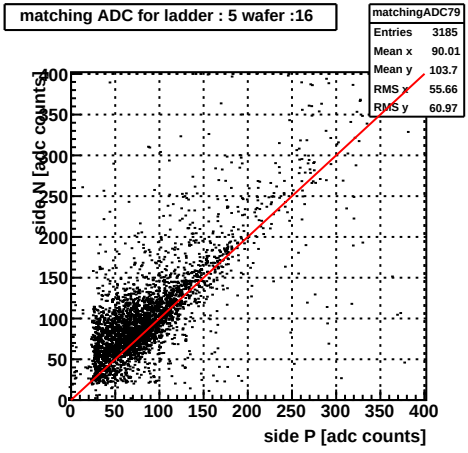

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 9533
Mean x 86.02
Mean y 94.06
RMS x 58.29
RMS y 61.16
side N [adc counts]
side P [adc counts]

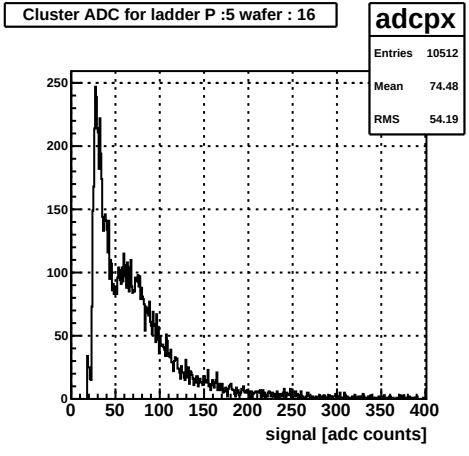

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 28851
Mean 52.18
RMS 44.83
signal [adc counts]

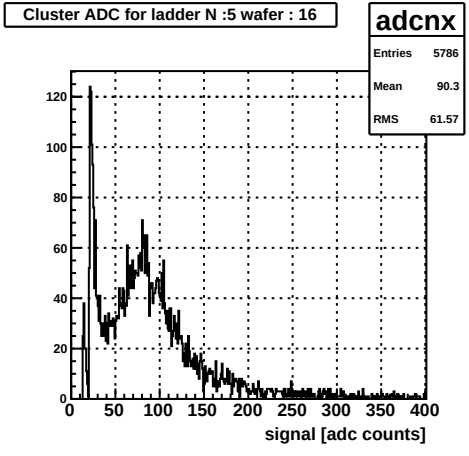

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 16254
Mean 75.73
RMS 63.14
signal [adc counts]

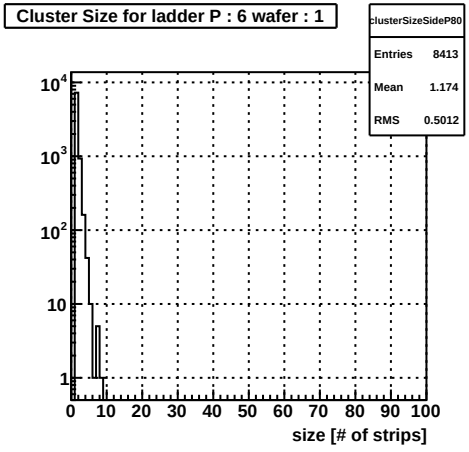

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 10512
Mean 1.266
RMS 0.6023
size [# of strips]

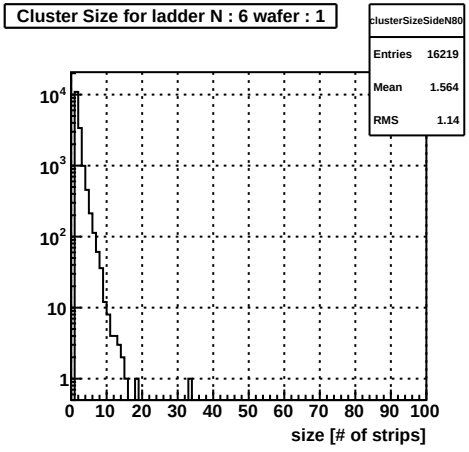

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 5786
Mean 1.514
RMS 0.7281
size [# of strips]

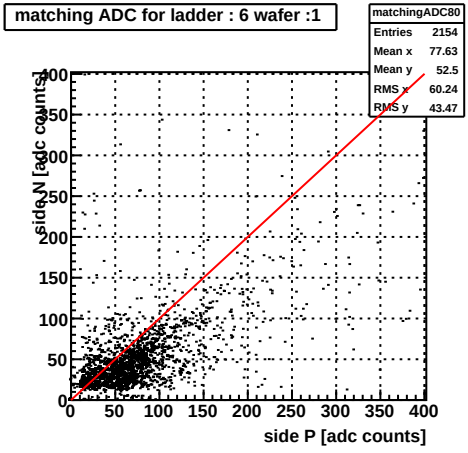

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3185
Mean x 90.01
Mean y 103.7
RMS x 55.66
RMS y 60.97
side N [adc counts]
side P [adc counts]

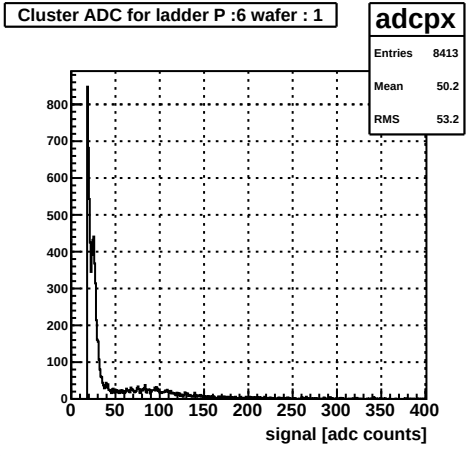

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 10512
Mean 74.48
RMS 54.19
signal [adc counts]

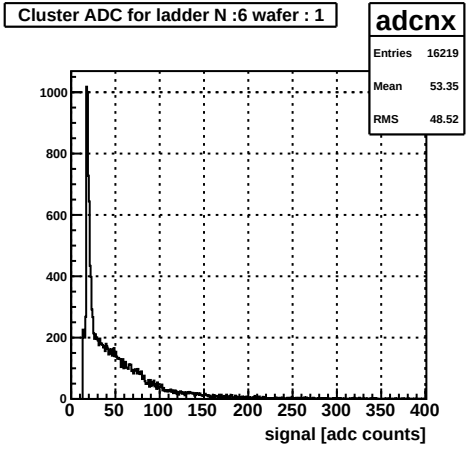

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 5786
Mean 90.3
RMS 61.57
signal [adc counts]

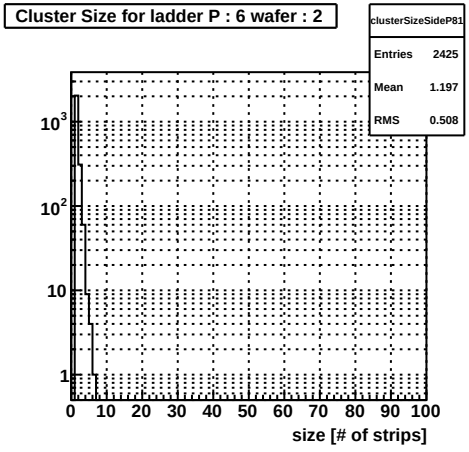

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8413
Mean 1.174
RMS 0.5012
size [# of strips]

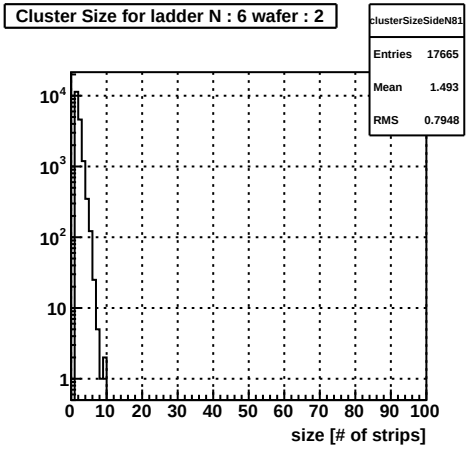

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16219
Mean 1.564
RMS 1.14
size [# of strips]

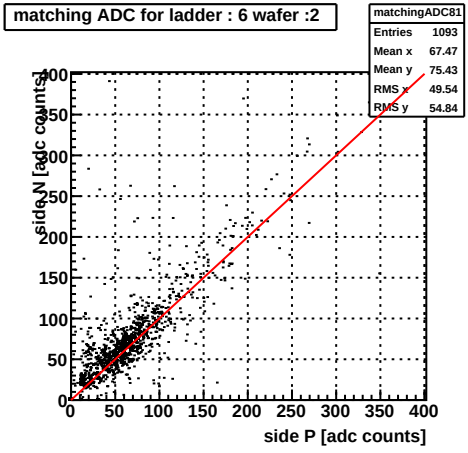

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 2154
Mean x 77.63
Mean y 52.5
RMS x 60.24
RMS y 43.47
side N [adc counts]
side P [adc counts]

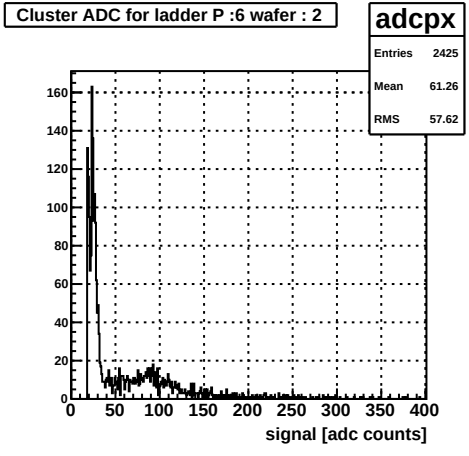

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8413
Mean 50.2
RMS 53.2
signal [adc counts]

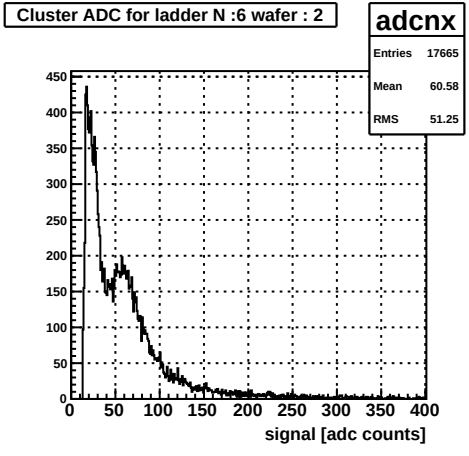

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16219
Mean 53.35
RMS 48.52
signal [adc counts]

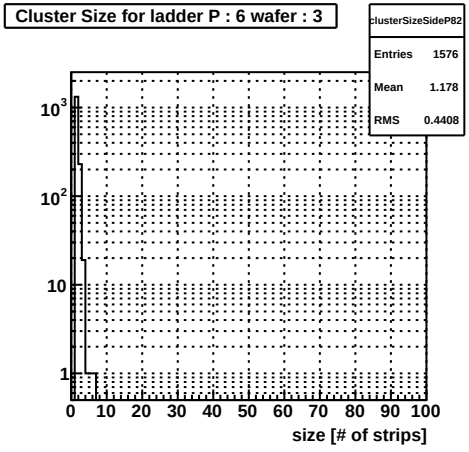

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2425
Mean 1.197
RMS 0.508
size [# of strips]

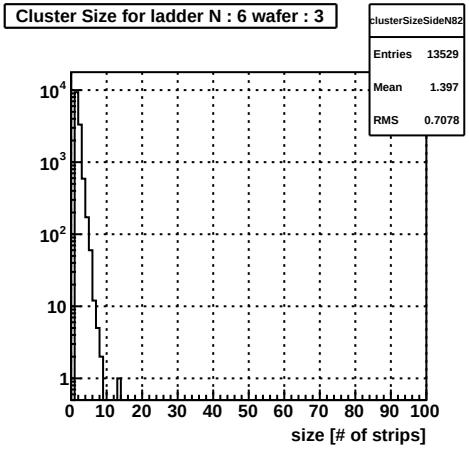

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 17665
Mean 1.493
RMS 0.7948
size [# of strips]

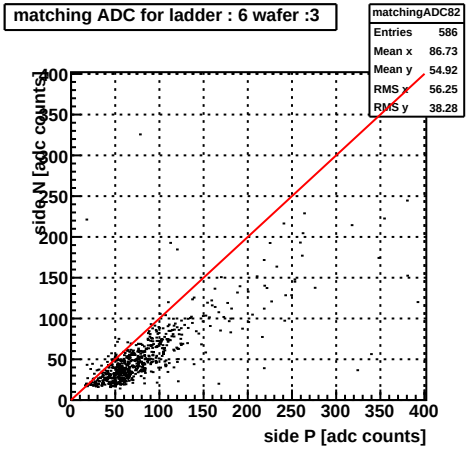

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1093
Mean x 67.47
Mean y 75.43
RMS x 49.54
RMS y 54.84
side N [adc counts]
side P [adc counts]

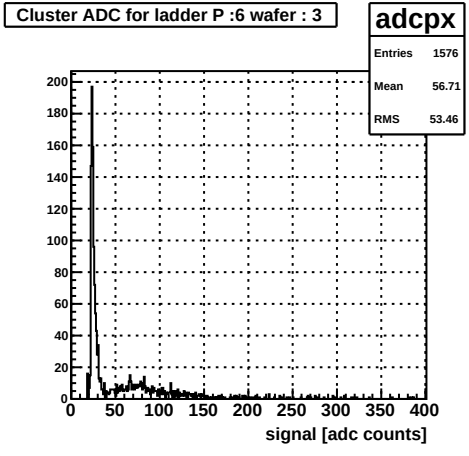

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2425
Mean 61.26
RMS 57.62
signal [adc counts]

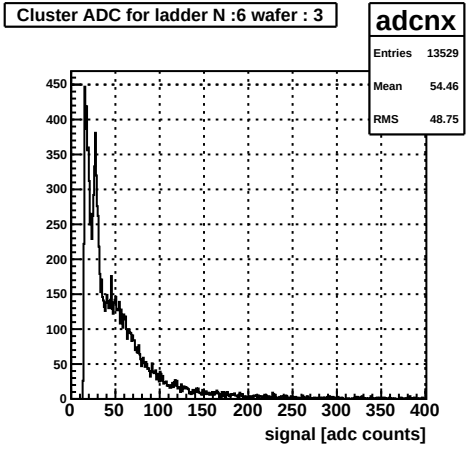

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 17665
Mean 60.58
RMS 51.25
signal [adc counts]

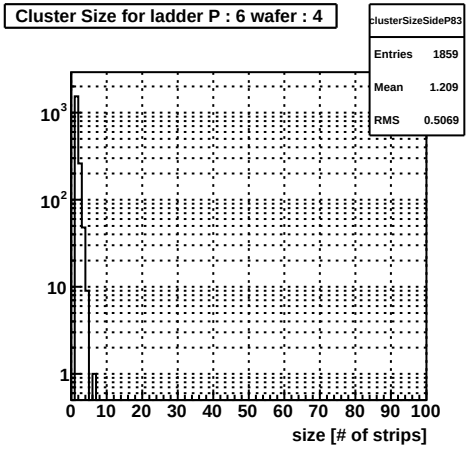

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1576
Mean 1.178
RMS 0.4408
size [# of strips]

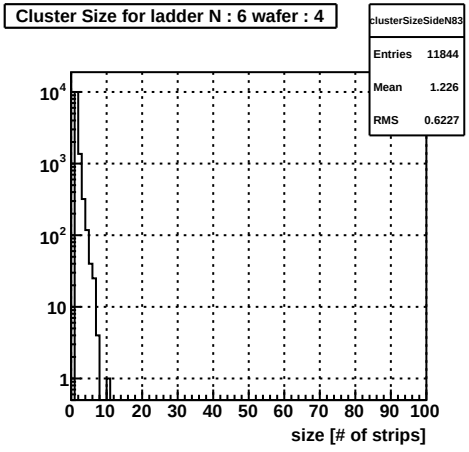

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 13529
Mean 1.397
RMS 0.7078
size [# of strips]

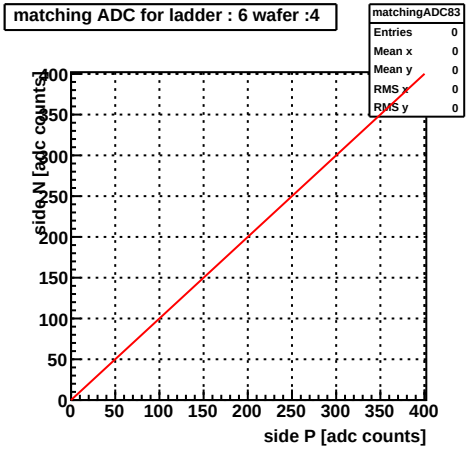

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 586
Mean x 86.73
Mean y 54.92
RMS x 56.25
RMS y 38.28
side N [adc counts]
side P [adc counts]

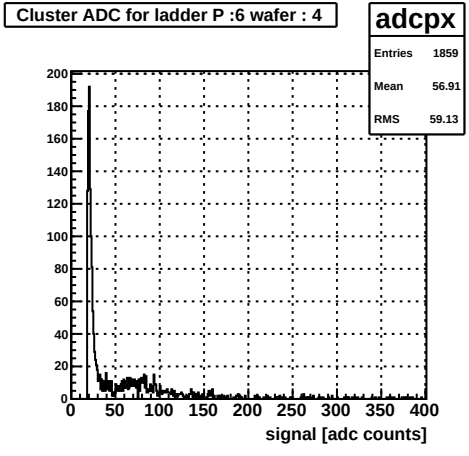

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1576
Mean 56.71
RMS 53.46
signal [adc counts]

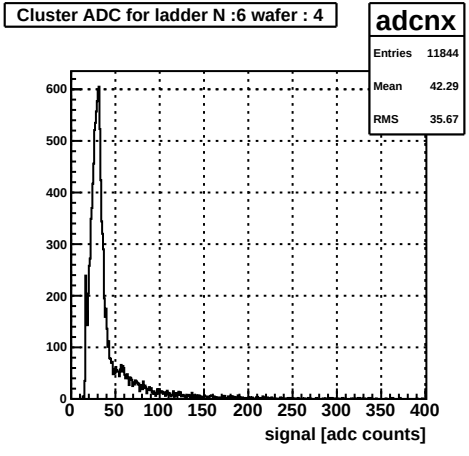

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 13529
Mean 54.46
RMS 48.75
signal [adc counts]

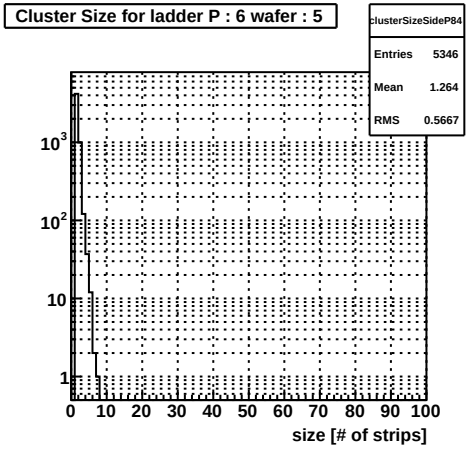

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1859
Mean 1.209
RMS 0.5069
size [# of strips]

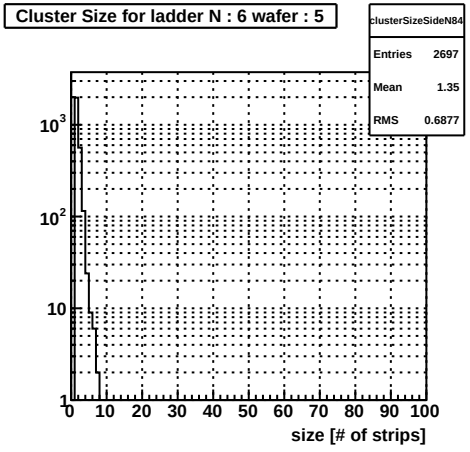

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 11844
Mean 1.226
RMS 0.6227
size [# of strips]

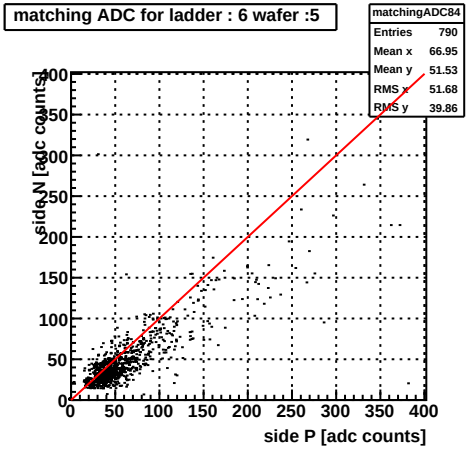

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

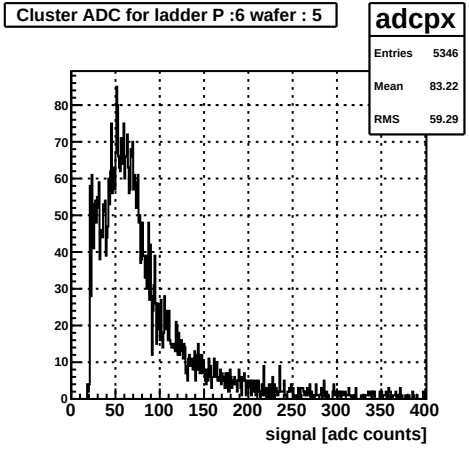

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1859
Mean 56.91
RMS 59.13
signal [adc counts]

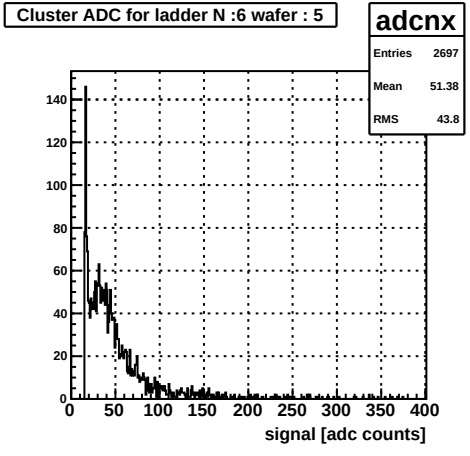

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 11844
Mean 42.29
RMS 35.67
signal [adc counts]

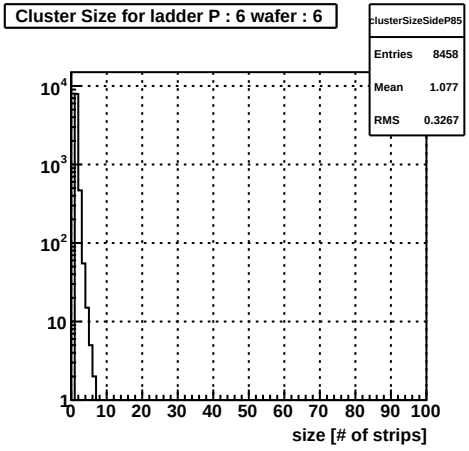

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 5346
Mean 1.264
RMS 0.5667
size [# of strips]

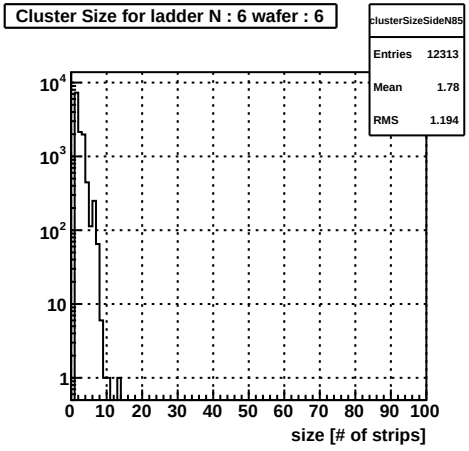

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2697
Mean 1.35
RMS 0.6877
size [# of strips]

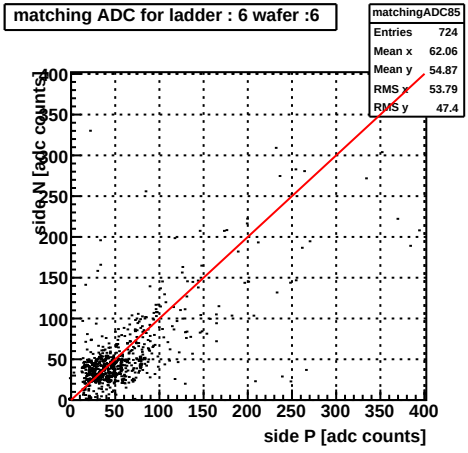

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 790
Mean x 66.95
Mean y 51.53
RMS x 51.68
RMS y 39.86
side N [adc counts]
side P [adc counts]

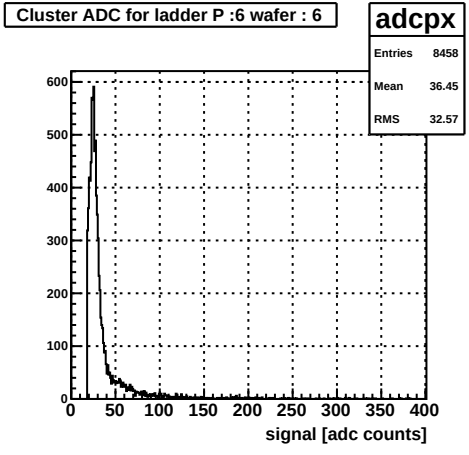

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 5346
Mean 83.22
RMS 59.29
signal [adc counts]

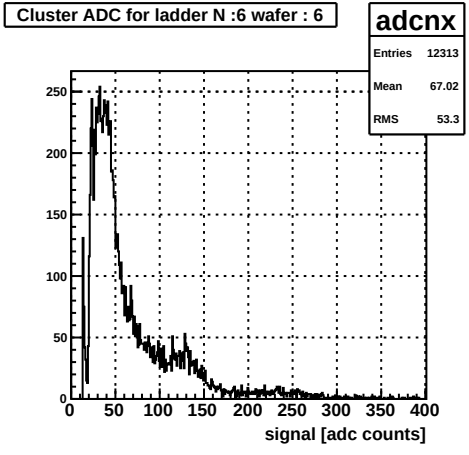

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2697
Mean 51.38
RMS 43.8
signal [adc counts]

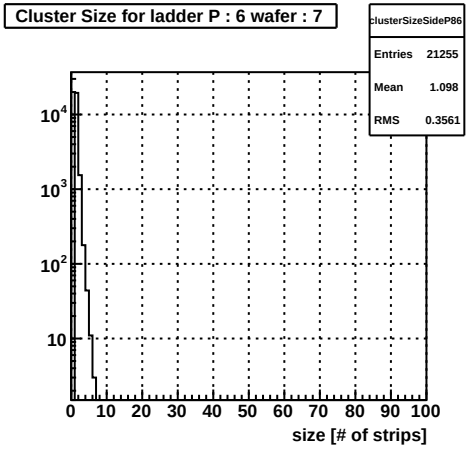

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 8458
Mean 1.077
RMS 0.3267
size [# of strips]

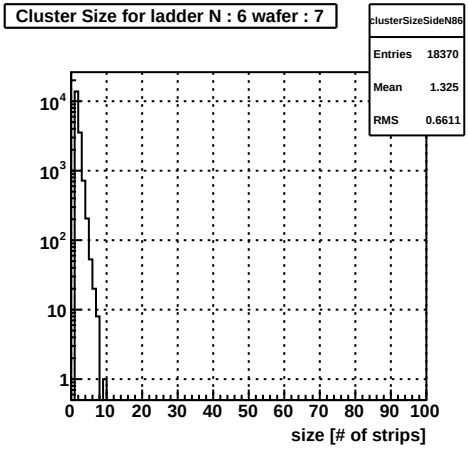

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 12313
Mean 1.78
RMS 1.194
size [# of strips]

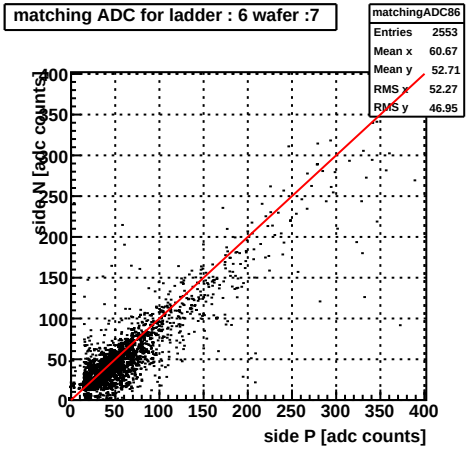

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 724
Mean x 62.06
Mean y 54.87
RMS x 53.79
RMS y 47.4
side N [adc counts]
side P [adc counts]

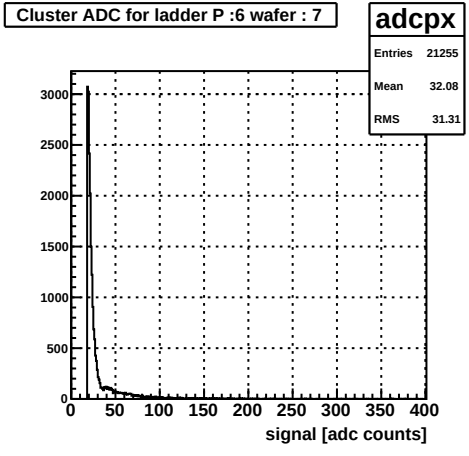

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 8458
Mean 36.45
RMS 32.57
signal [adc counts]

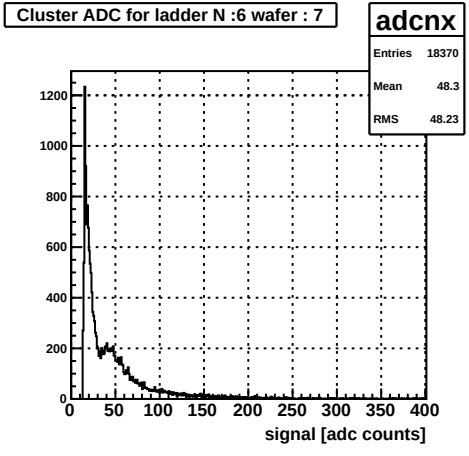

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 12313
Mean 67.02
RMS 53.3
signal [adc counts]

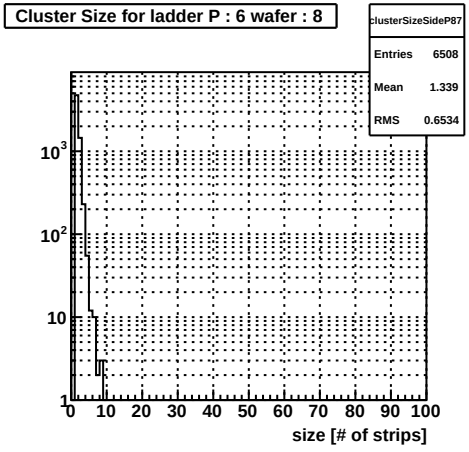

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 21255
Mean 1.098
RMS 0.3561
size [# of strips]

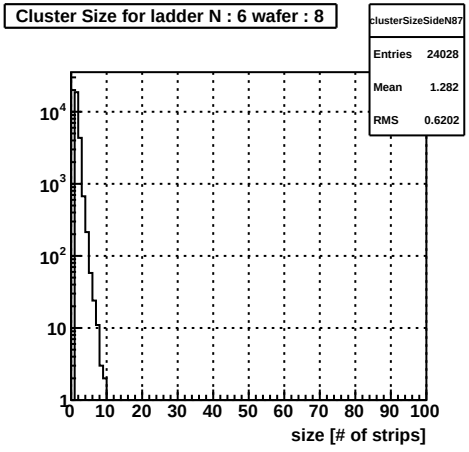

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 18370
Mean 1.325
RMS 0.6611
size [# of strips]

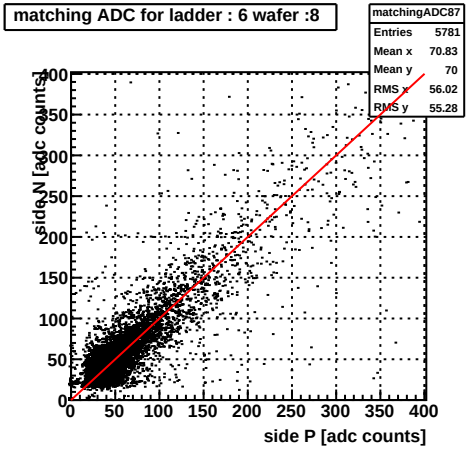

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 2553
Mean x 60.67
Mean y 52.71
RMS x 52.27
RMS y 46.95
side N [adc counts]
side P [adc counts]

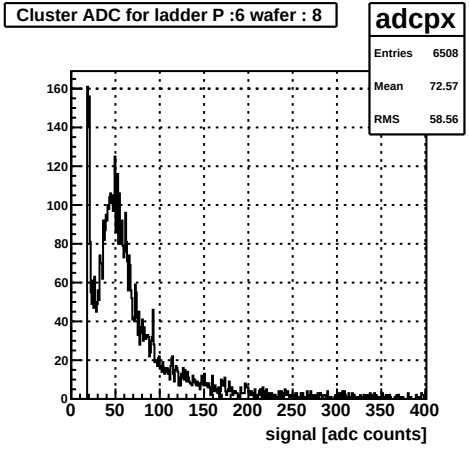

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 21255
Mean 32.08
RMS 31.31
signal [adc counts]

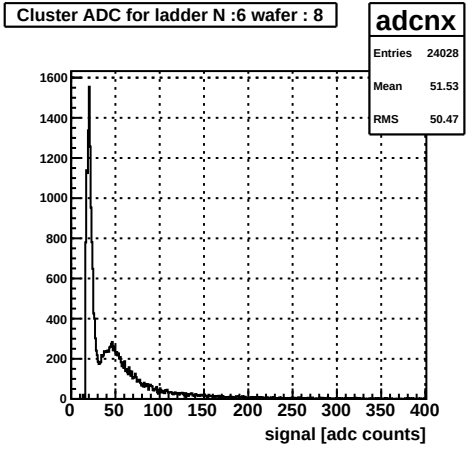

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 18370
Mean 48.3
RMS 48.23
signal [adc counts]

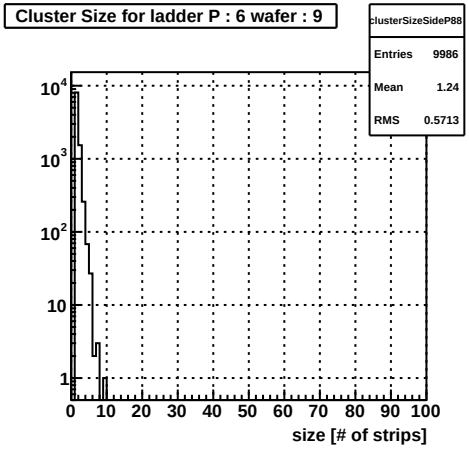

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 6508
Mean 1.339
RMS 0.6534
size [# of strips]

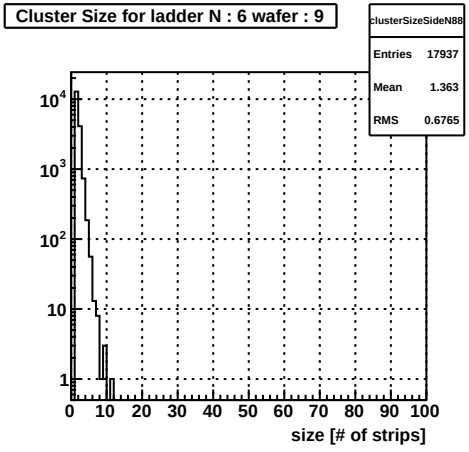

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 24028
Mean 1.282
RMS 0.6202
size [# of strips]

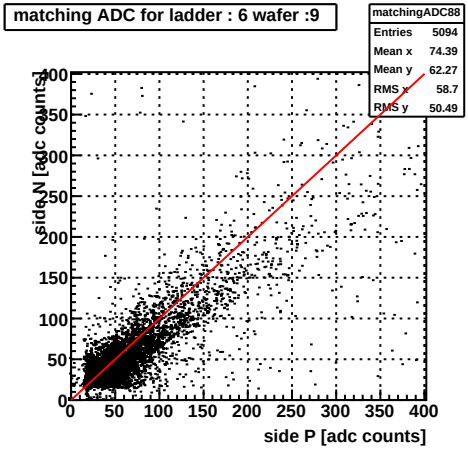

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 5781
Mean x 70.83
Mean y 70
RMS x 56.02
RMS y 55.28
side N [adc counts]
side P [adc counts]

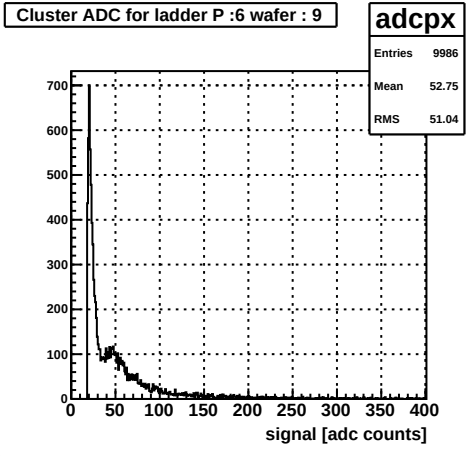

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 6508
Mean 72.57
RMS 58.56
signal [adc counts]

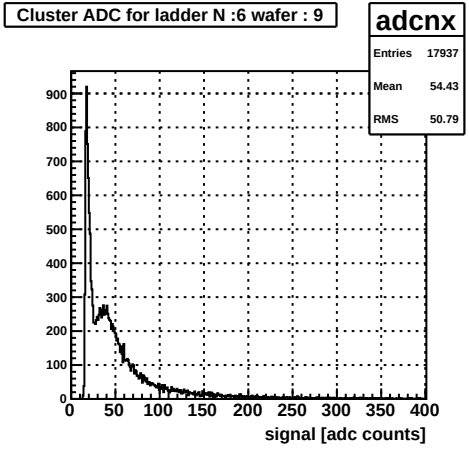

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 24028
Mean 51.53
RMS 50.47
signal [adc counts]

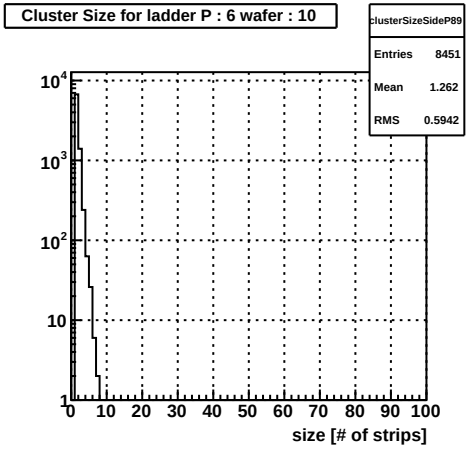

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 9986
Mean 1.24
RMS 0.5713
size [# of strips]

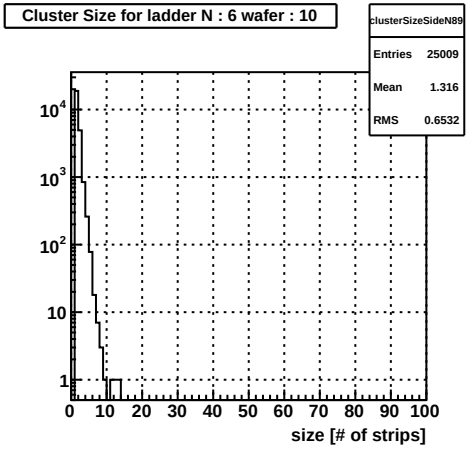

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 17937
Mean 1.363
RMS 0.6765
size [# of strips]

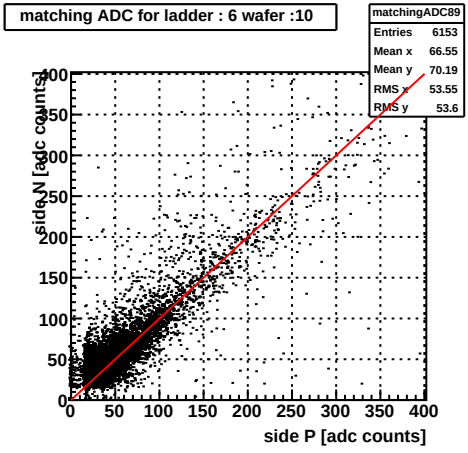

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 5094
Mean x 74.39
Mean y 62.27
RMS x 58.7
RMS y 50.49
side N [adc counts]
side P [adc counts]

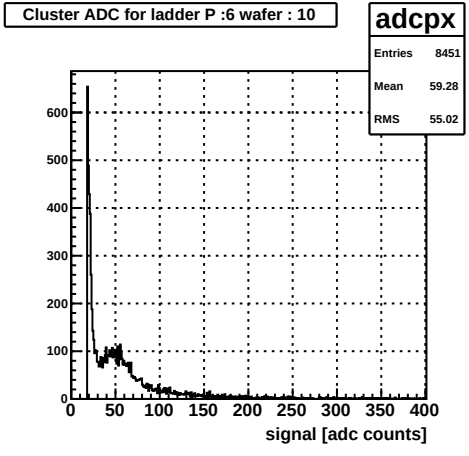

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 9986
Mean 52.75
RMS 51.04
signal [adc counts]

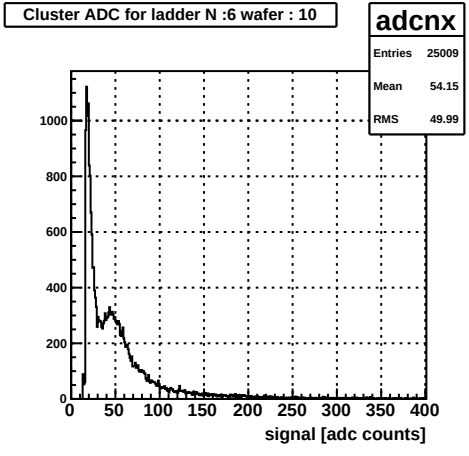

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 17937
Mean 54.43
RMS 50.79
signal [adc counts]

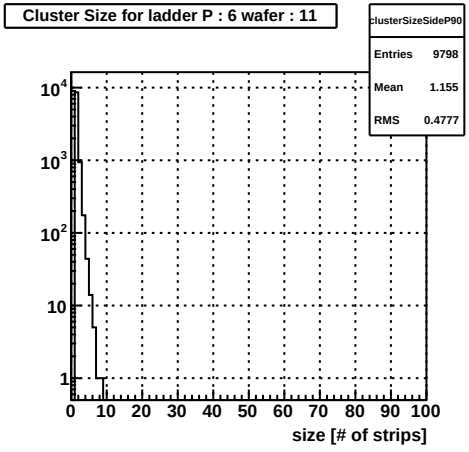

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 8451
Mean 1.262
RMS 0.5942
size [# of strips]

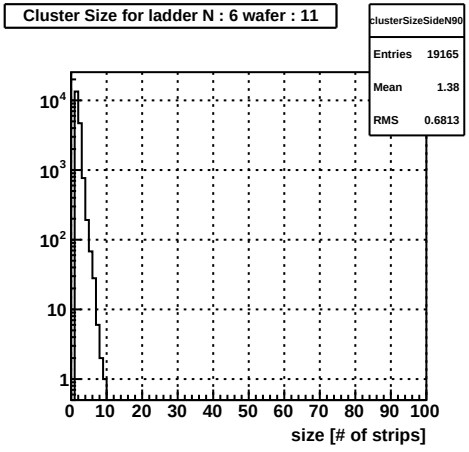

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 25009
Mean 1.316
RMS 0.6532
size [# of strips]

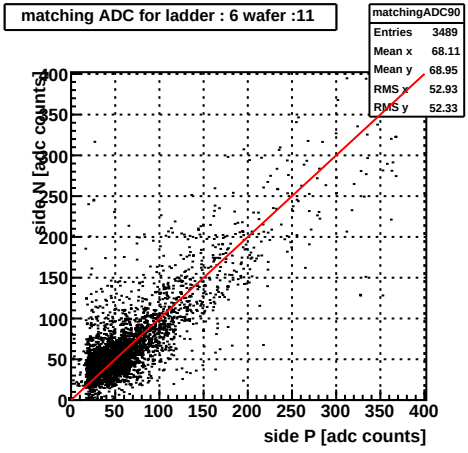

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 6153
Mean x 66.55
Mean y 70.19
RMS x 53.55
RMS y 53.6
side N [adc counts]
side P [adc counts]

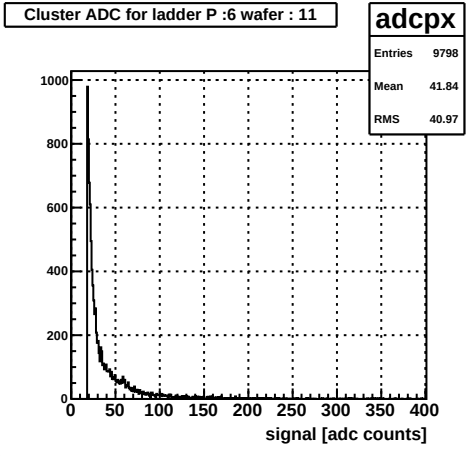

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 8451
Mean 59.28
RMS 55.02
signal [adc counts]

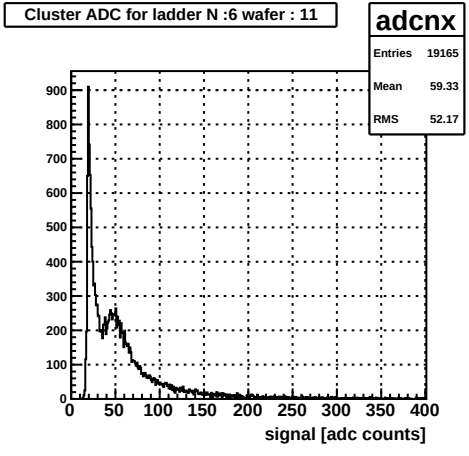

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 25009
Mean 54.15
RMS 49.99
signal [adc counts]

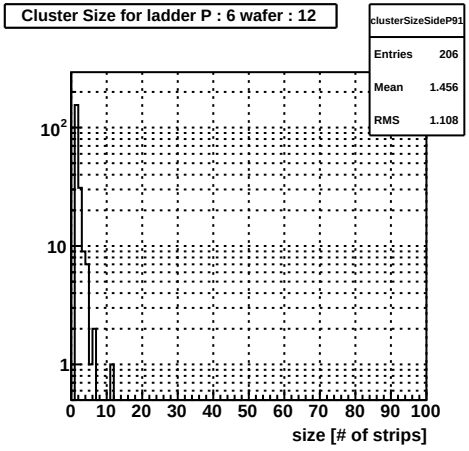

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9798
Mean 1.155
RMS 0.4777
size [# of strips]

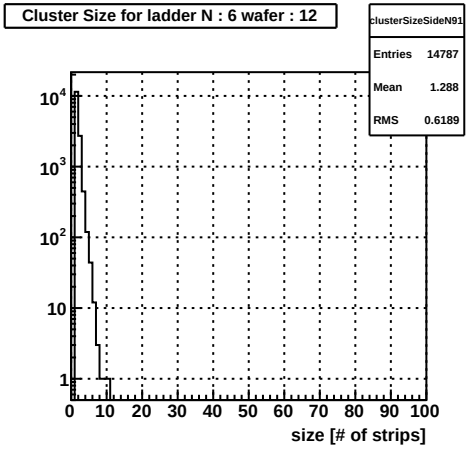

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 19165
Mean 1.38
RMS 0.6813
size [# of strips]

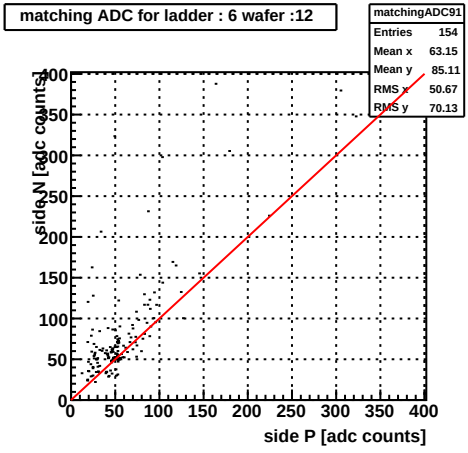

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 3489
Mean x 68.11
Mean y 68.95
RMS x 52.93
RMS y 52.33
side N [adc counts]
side P [adc counts]

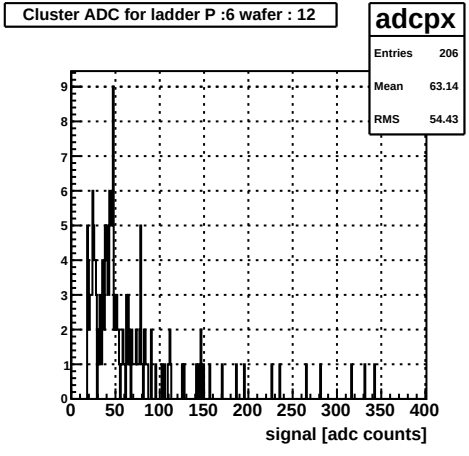

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9798
Mean 41.84
RMS 40.97
signal [adc counts]

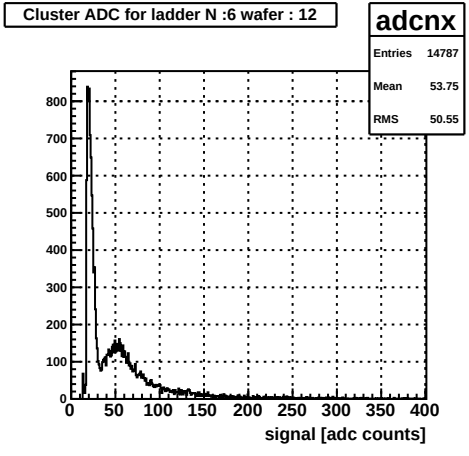

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 19165
Mean 59.33
RMS 52.17
signal [adc counts]

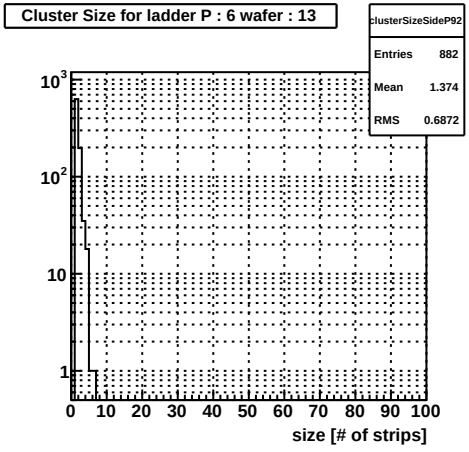

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 206
Mean 1.456
RMS 1.108
size [# of strips]

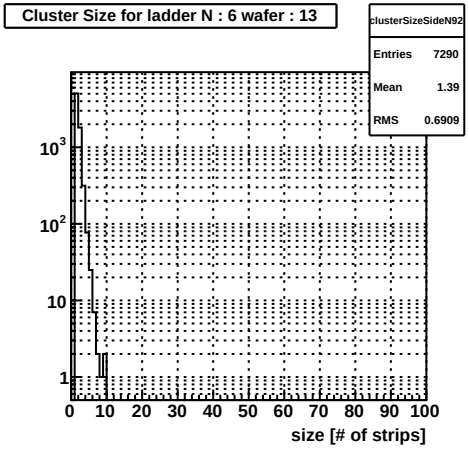

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 14787
Mean 1.288
RMS 0.6189
size [# of strips]

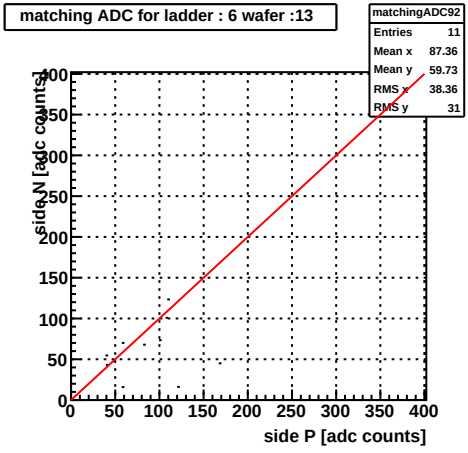

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 154
Mean x 63.15
Mean y 85.11
RMS x 50.67
RMS y 70.13
side N [adc counts]
side P [adc counts]

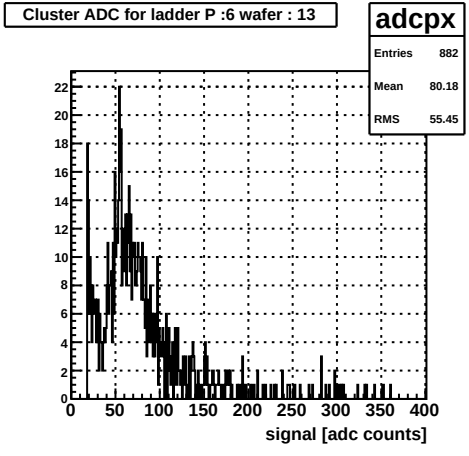

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 206
Mean 63.14
RMS 54.43
signal [adc counts]

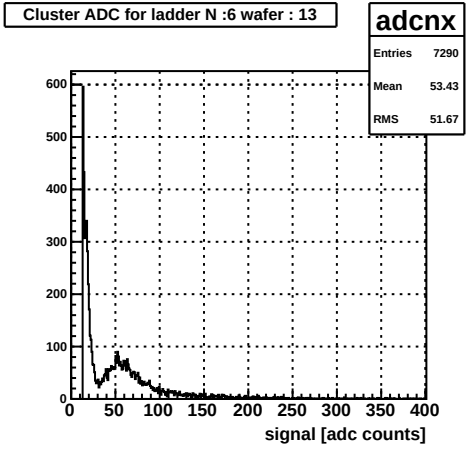

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 14787
Mean 53.75
RMS 50.55
signal [adc counts]

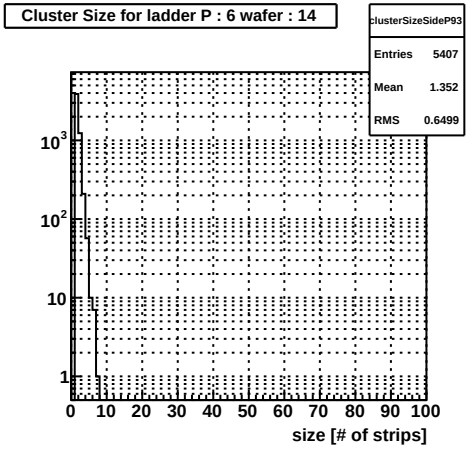

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 882
Mean 1.374
RMS 0.6872
size [# of strips]

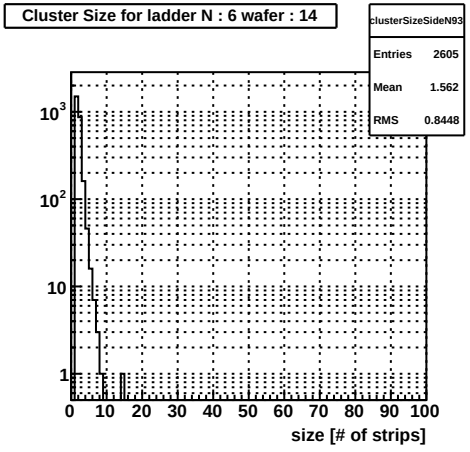

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 7290
Mean 1.39
RMS 0.6909
size [# of strips]

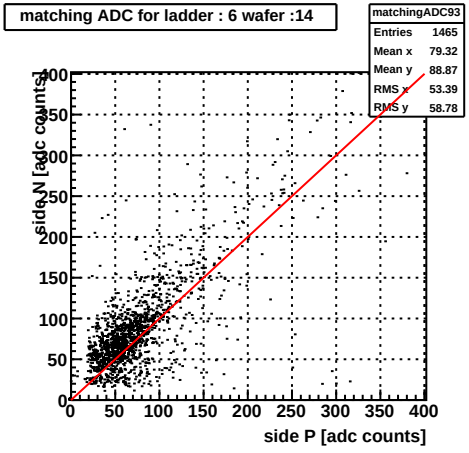

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 11
Mean x 87.36
Mean y 59.73
RMS x 38.36
RMS y 31
side N [adc counts]
side P [adc counts]

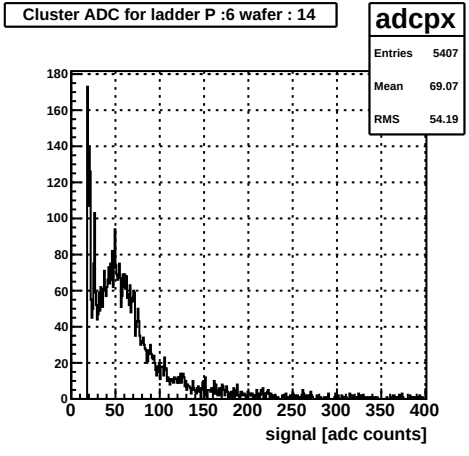

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 882
Mean 80.18
RMS 55.45
signal [adc counts]

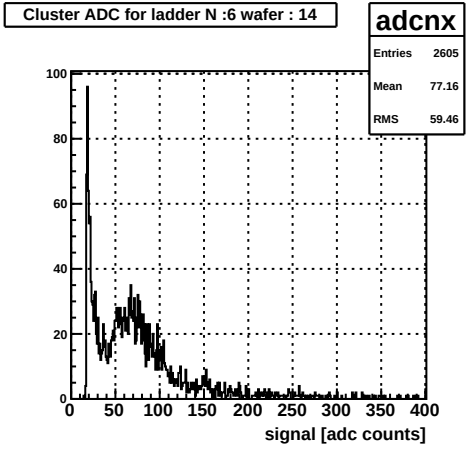

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 7290
Mean 53.43
RMS 51.67
signal [adc counts]

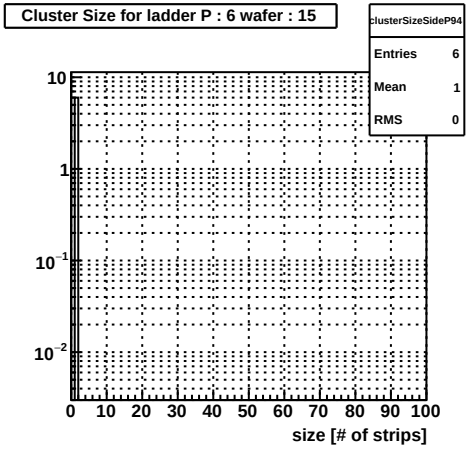

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 5407
Mean 1.352
RMS 0.6499
size [# of strips]

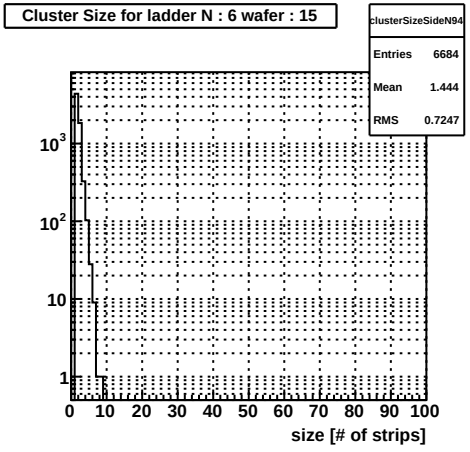

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2605
Mean 1.562
RMS 0.8448
size [# of strips]

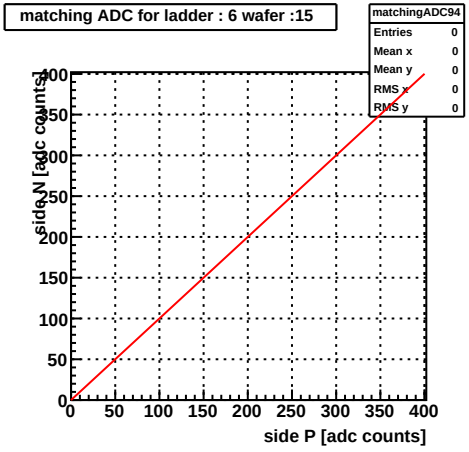

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 1465
Mean x 79.32
Mean y 88.87
RMS x 53.39
RMS y 58.78
side N [adc counts]
side P [adc counts]

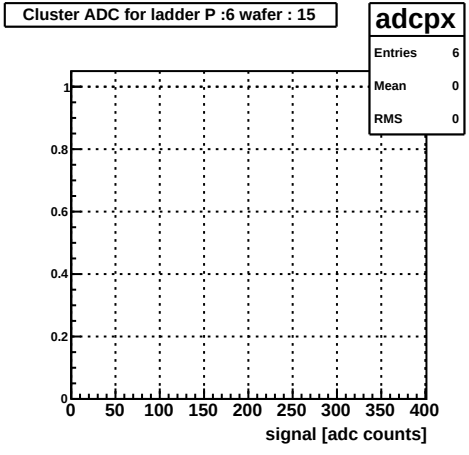

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 5407
Mean 69.07
RMS 54.19
signal [adc counts]

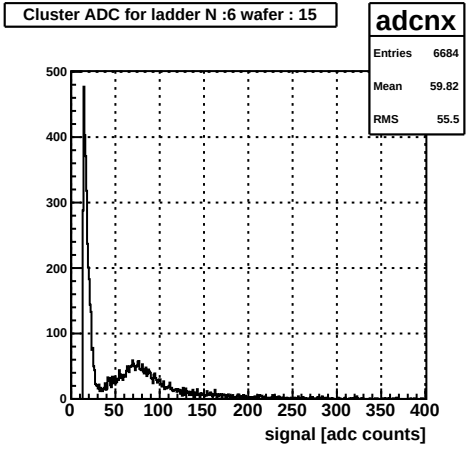

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2605
Mean 77.16
RMS 59.46
signal [adc counts]

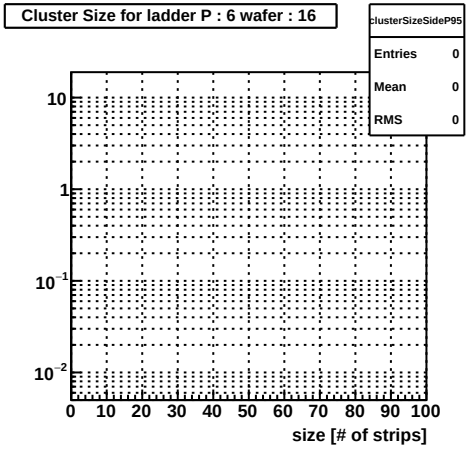

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 6
Mean 1
RMS 0
size [# of strips]

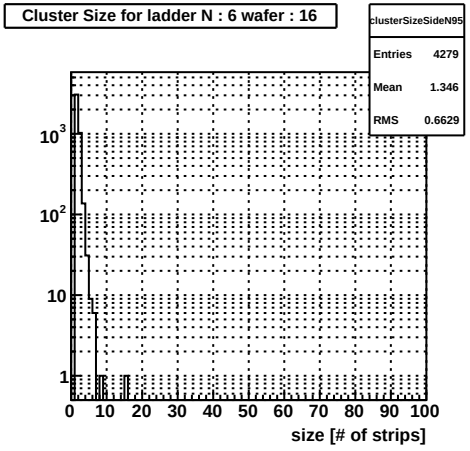

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 6684
Mean 1.444
RMS 0.7247
size [# of strips]

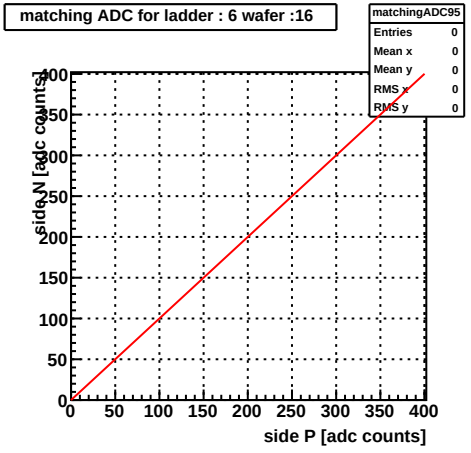

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

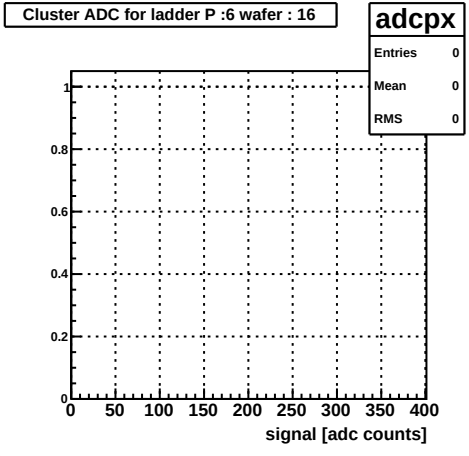

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

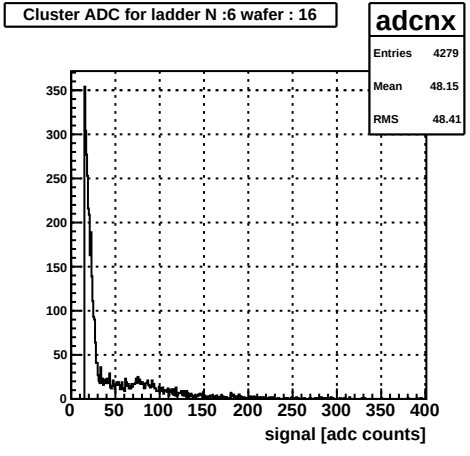

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 6684
Mean 59.82
RMS 55.5
signal [adc counts]

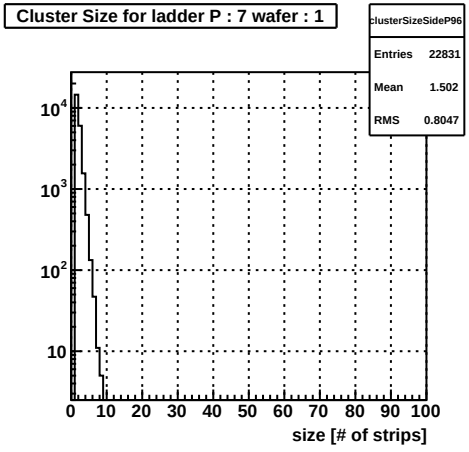

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

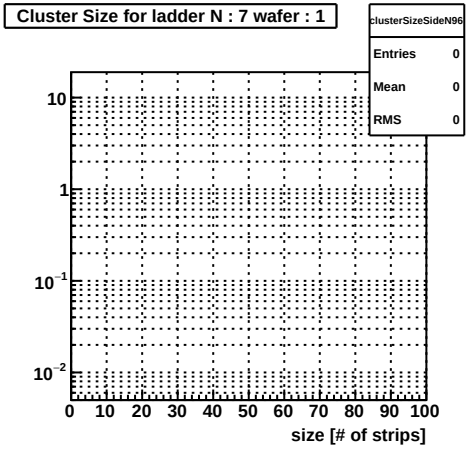

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4279
Mean 1.346
RMS 0.6629
size [# of strips]

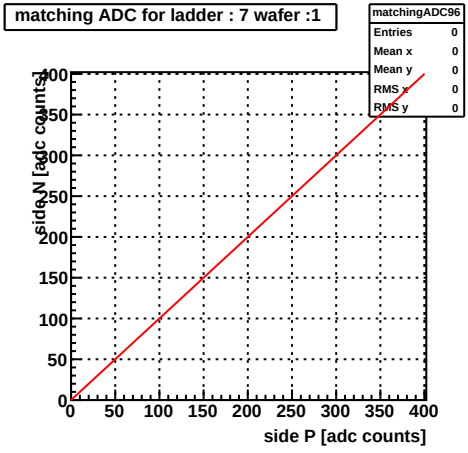

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

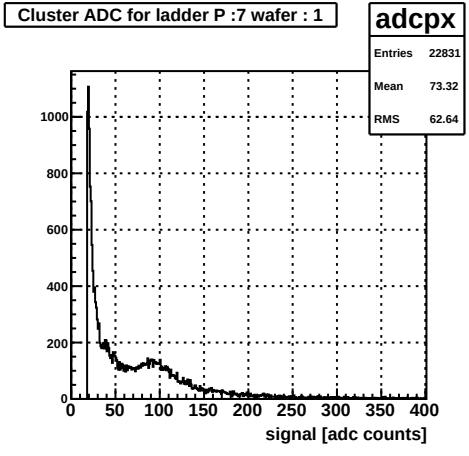

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

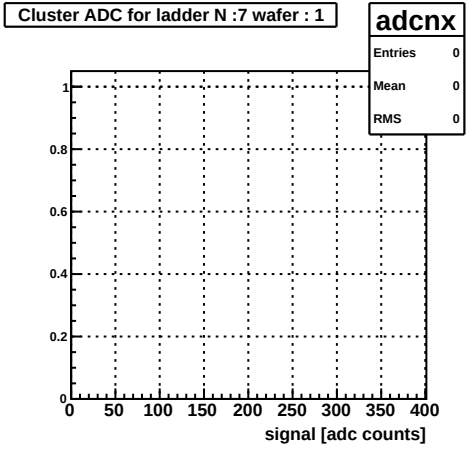

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4279
Mean 48.15
RMS 48.41
signal [adc counts]

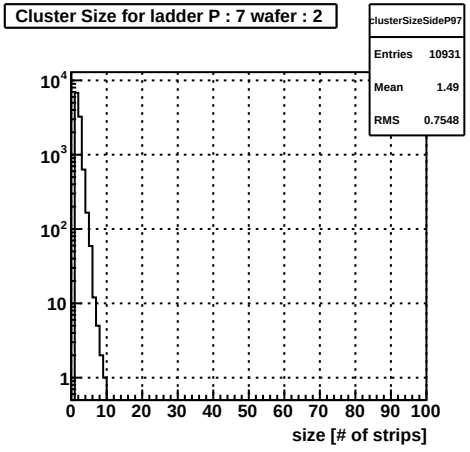

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 22831
Mean 1.502
RMS 0.8047
size [# of strips]

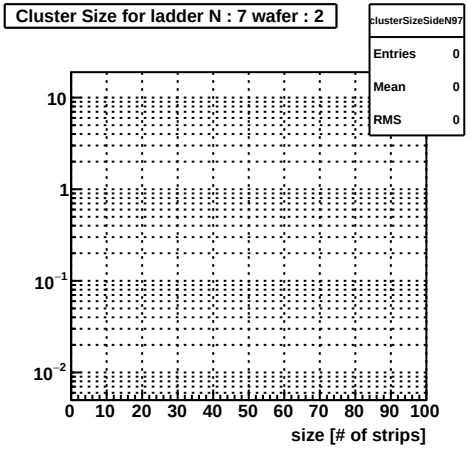

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

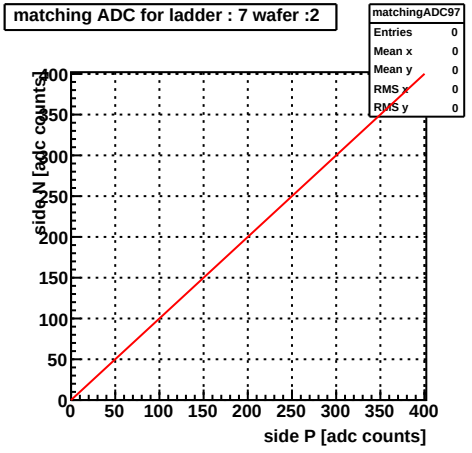

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

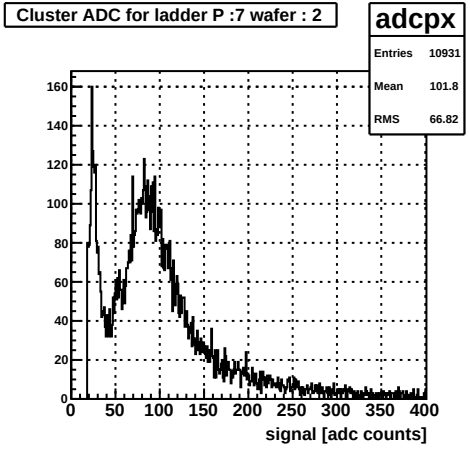

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 22831
Mean 73.32
RMS 62.64
signal [adc counts]

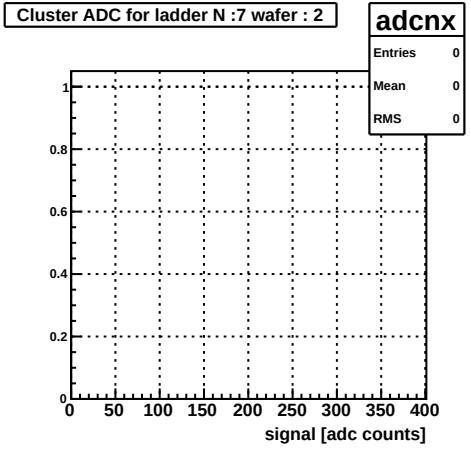

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

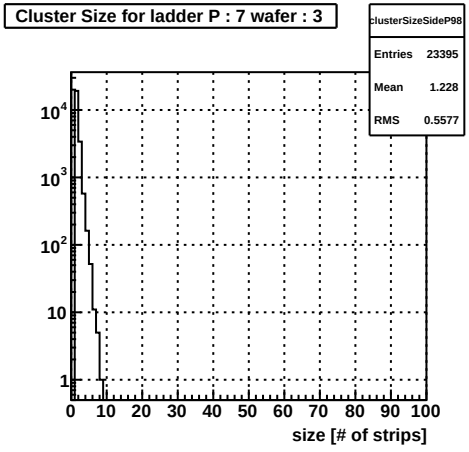

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 10931
Mean 1.49
RMS 0.7548
size [# of strips]

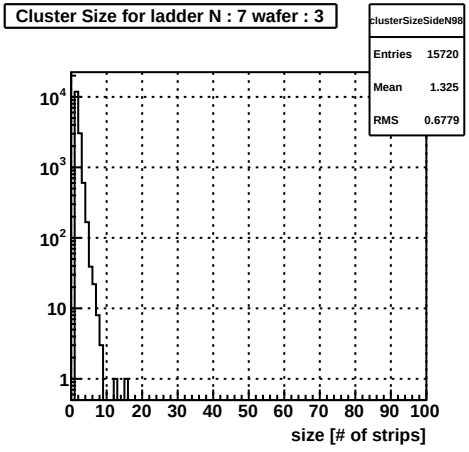

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

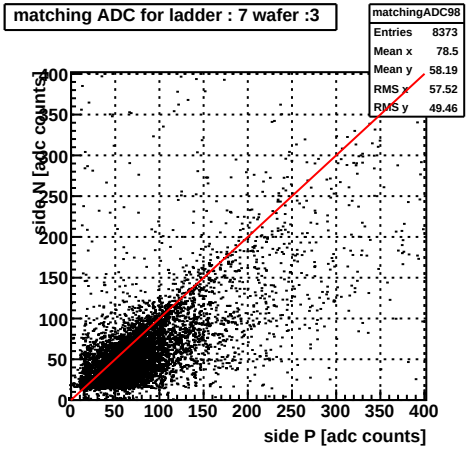

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

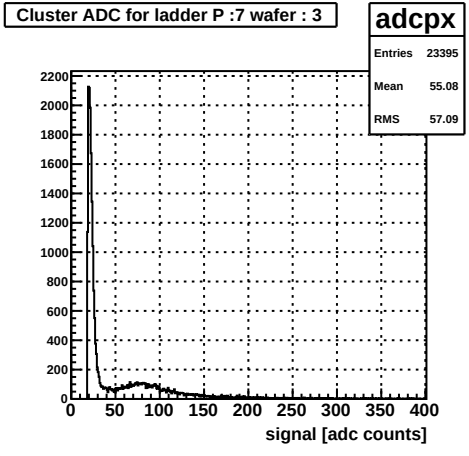

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 10931
Mean 101.8
RMS 66.82
signal [adc counts]

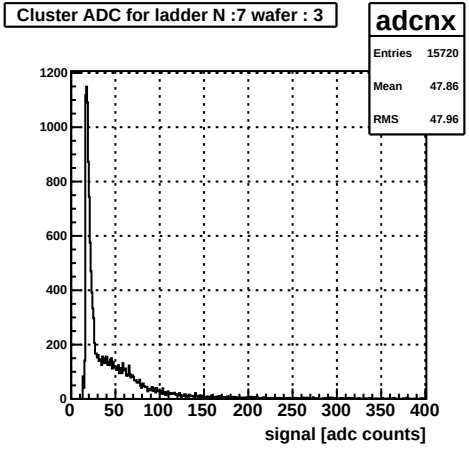

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

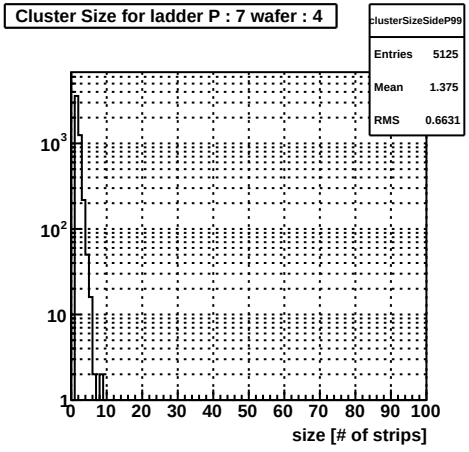

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 23395
Mean 1.228
RMS 0.5577
size [# of strips]

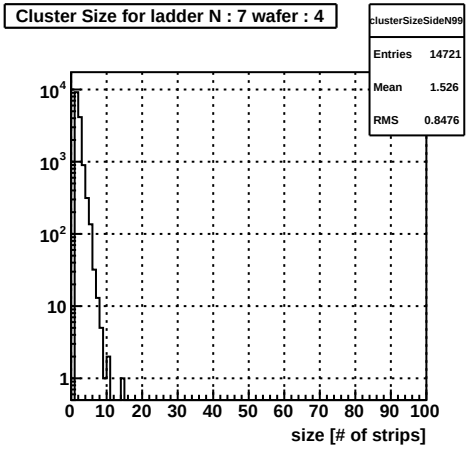

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 15720
Mean 1.325
RMS 0.6779
size [# of strips]

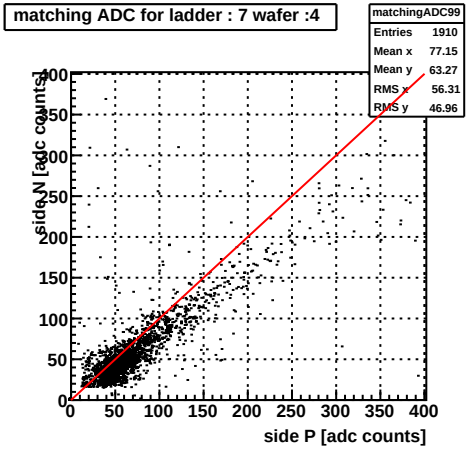

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 8373
Mean x 78.5
Mean y 58.19
RMS x 57.52
RMS y 49.46
side N [adc counts]
side P [adc counts]

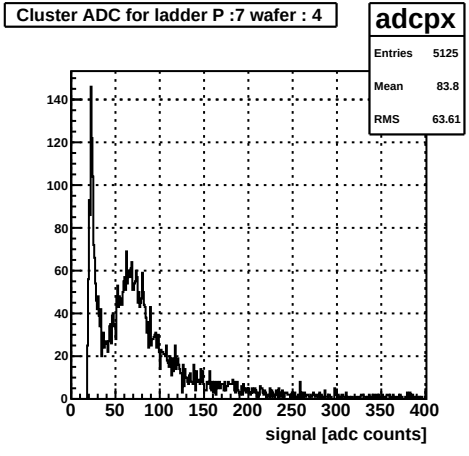

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 23395
Mean 55.08
RMS 57.09
signal [adc counts]

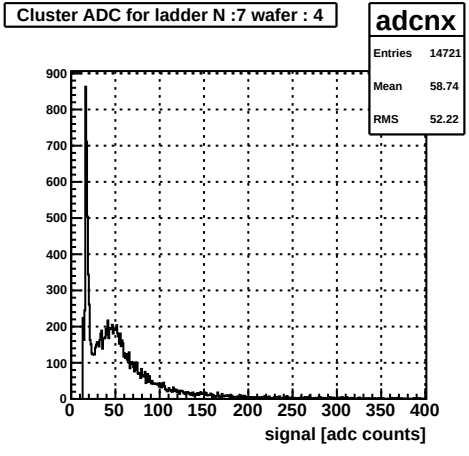

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 15720
Mean 47.86
RMS 47.96
signal [adc counts]

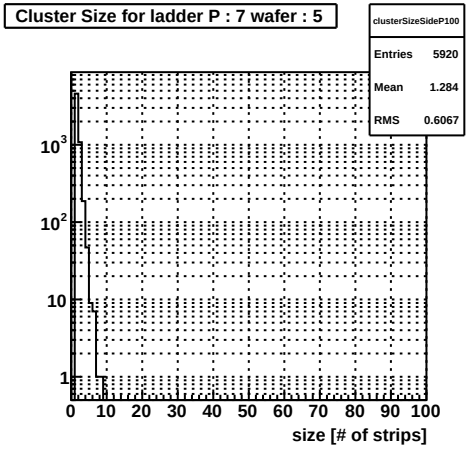

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5125
Mean 1.375
RMS 0.6631
size [# of strips]

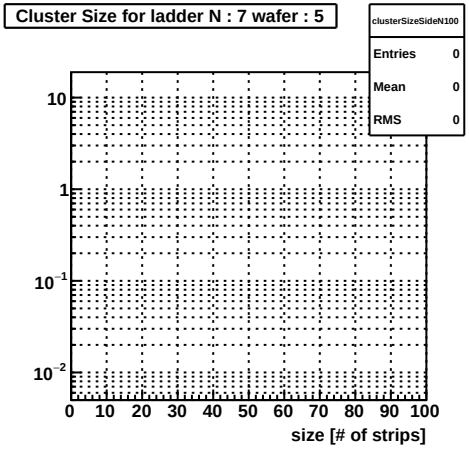

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 14721
Mean 1.526
RMS 0.8476
size [# of strips]

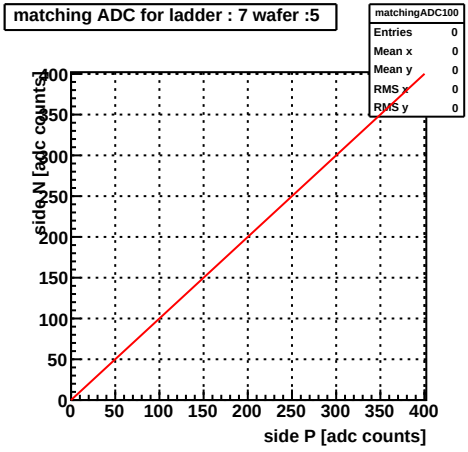

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1910
Mean x 77.15
Mean y 63.27
RMS x 56.31
RMS y 46.96
side N [adc counts]
side P [adc counts]

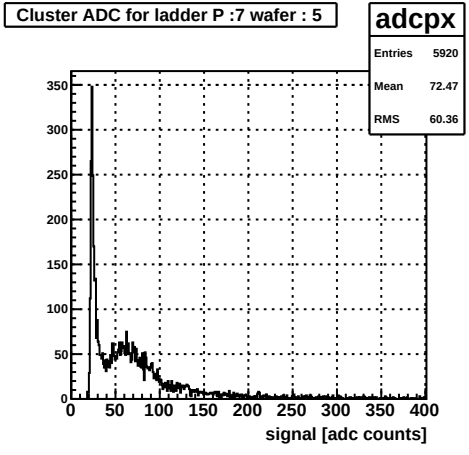

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5125
Mean 83.8
RMS 63.61
signal [adc counts]

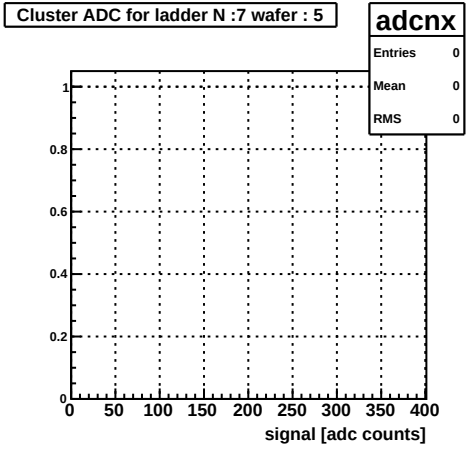

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 14721
Mean 58.74
RMS 52.22
signal [adc counts]

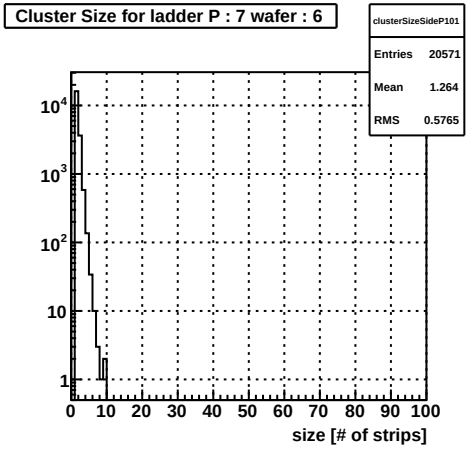

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 5920
Mean 1.284
RMS 0.6067
size [# of strips]

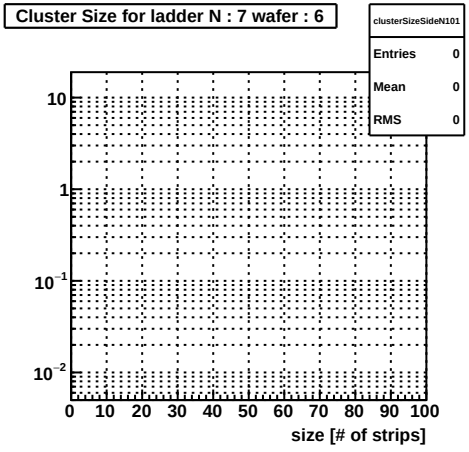

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

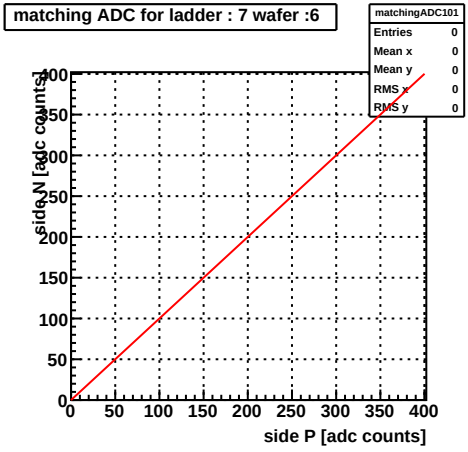

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

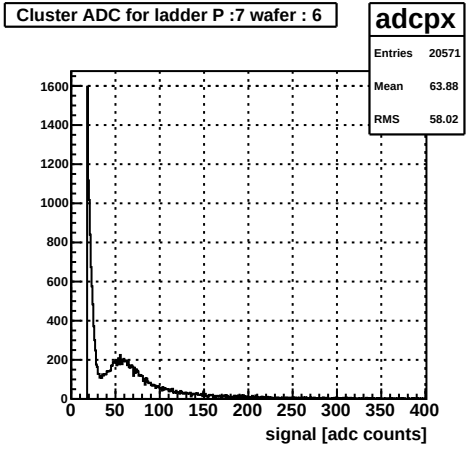

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 5920
Mean 72.47
RMS 60.36
signal [adc counts]

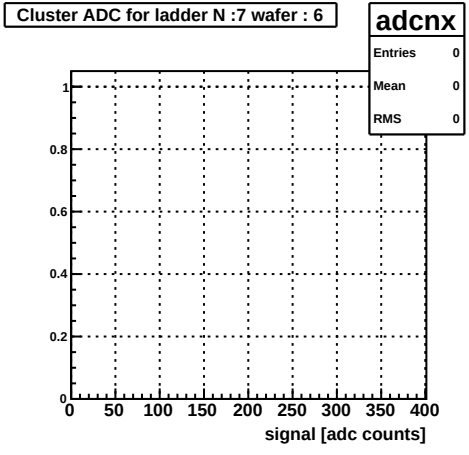

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

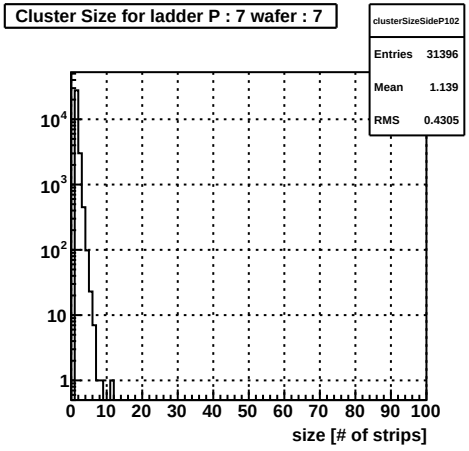

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 20571
Mean 1.264
RMS 0.5765
size [# of strips]

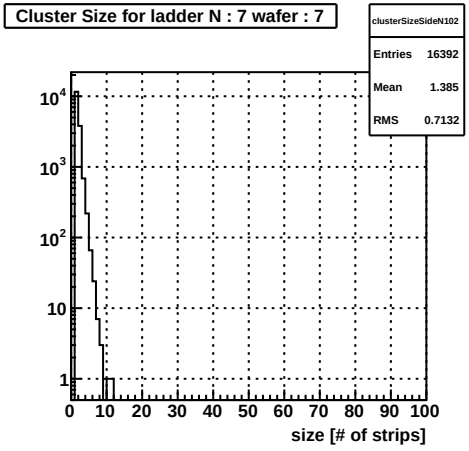

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

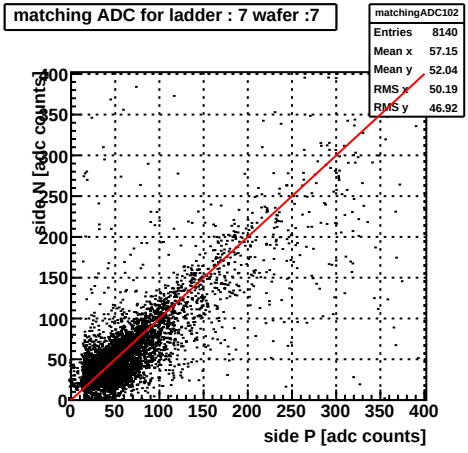

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

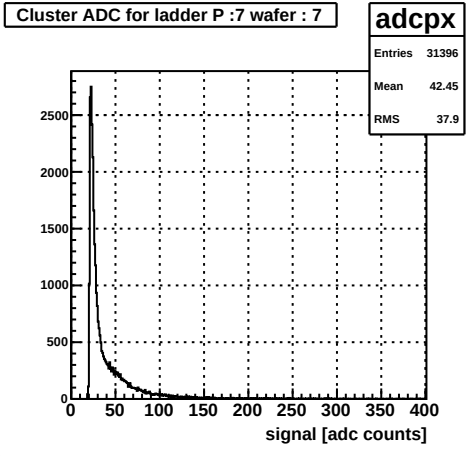

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 20571
Mean 63.88
RMS 58.02
signal [adc counts]

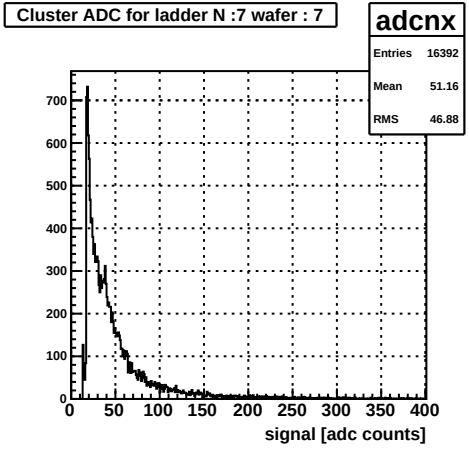

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

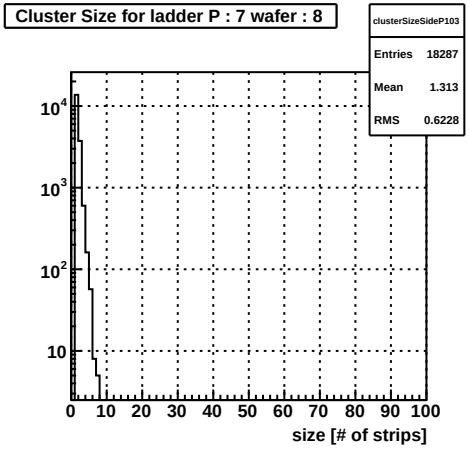

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 31396
Mean 1.139
RMS 0.4305
size [# of strips]

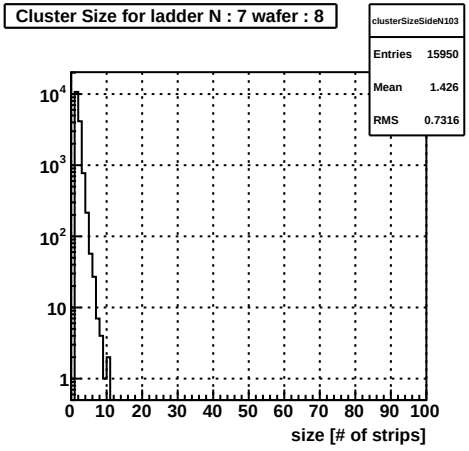

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 16392
Mean 1.385
RMS 0.7132
size [# of strips]

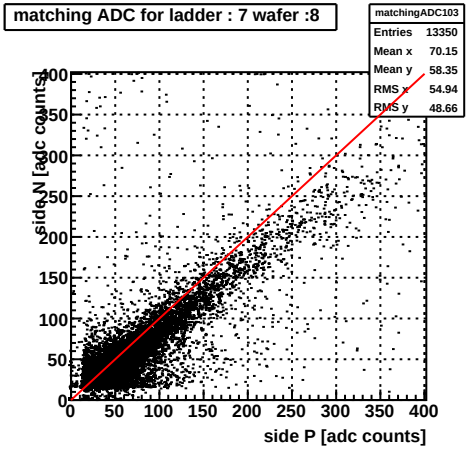

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8140
Mean x 57.15
Mean y 52.04
RMS x 50.19
RMS y 46.92
side N [adc counts]
side P [adc counts]

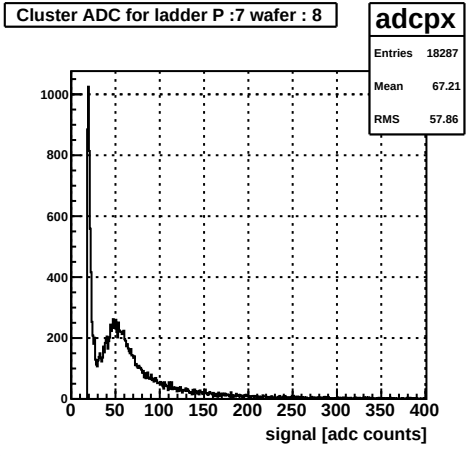

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 31396
Mean 42.45
RMS 37.9
signal [adc counts]

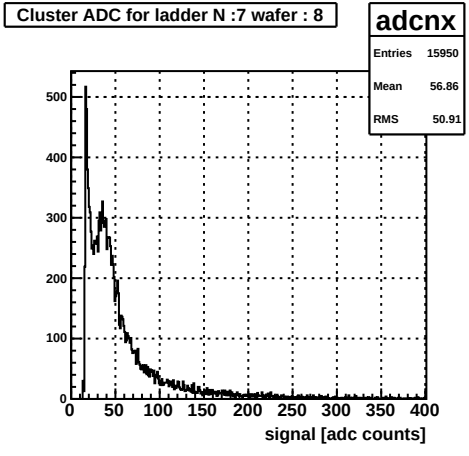

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 16392
Mean 51.16
RMS 46.88
signal [adc counts]

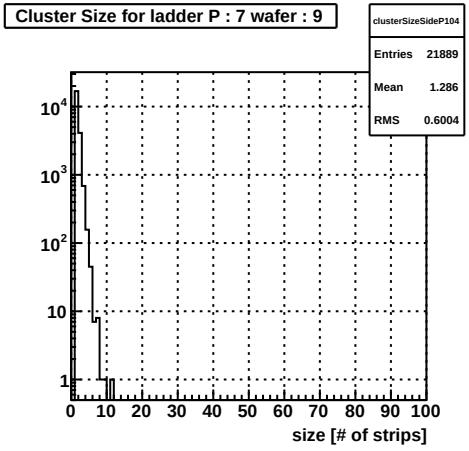

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 18287
Mean 1.313
RMS 0.6228
size [# of strips]

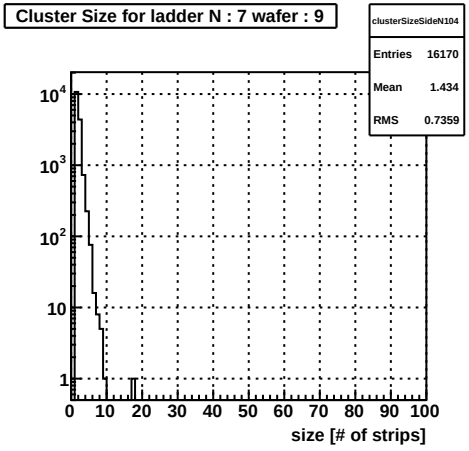

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 15950
Mean 1.426
RMS 0.7316
size [# of strips]

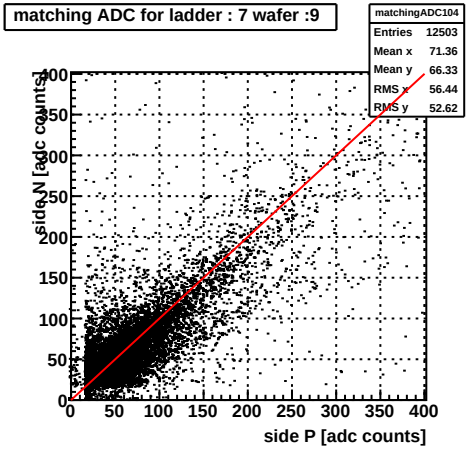

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 13350
Mean x 70.15
Mean y 58.35
RMS x 54.94
RMS y 48.66
side N [adc counts]
side P [adc counts]

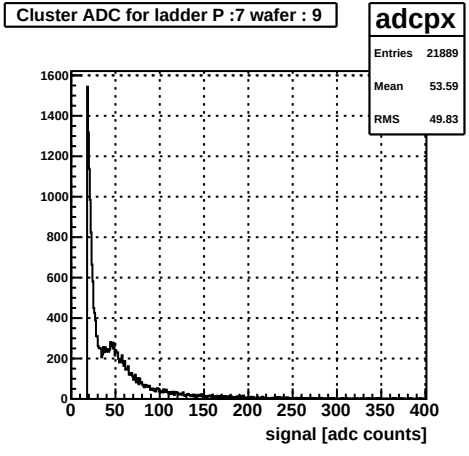

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 18287
Mean 67.21
RMS 57.86
signal [adc counts]

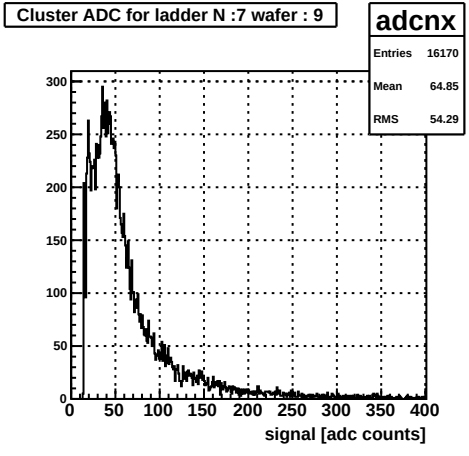

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 15950
Mean 56.86
RMS 50.91
signal [adc counts]

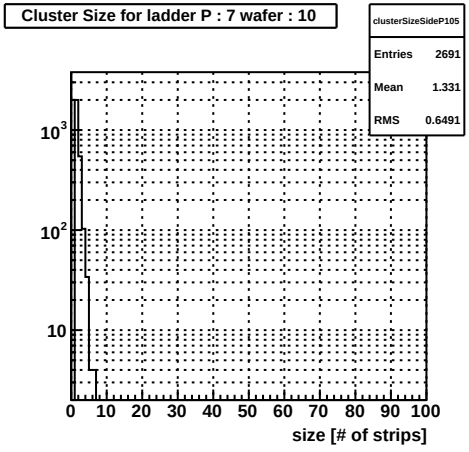

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 21889
Mean 1.286
RMS 0.6004
size [# of strips]

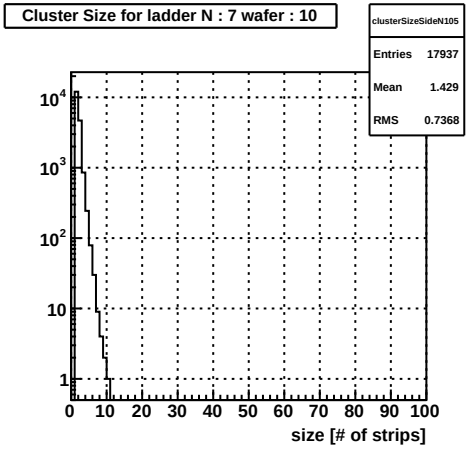

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 16170
Mean 1.434
RMS 0.7359
size [# of strips]

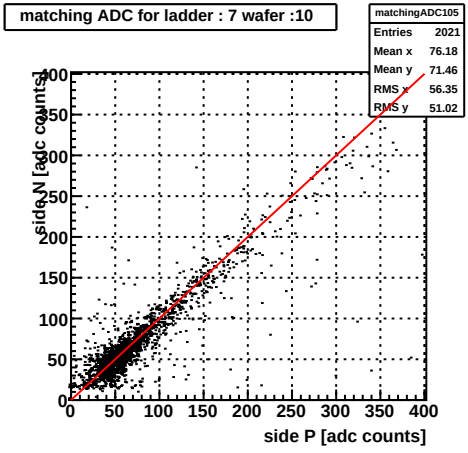

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12503
Mean x 71.36
Mean y 66.33
RMS x 56.44
RMS y 52.62
side N [adc counts]
side P [adc counts]

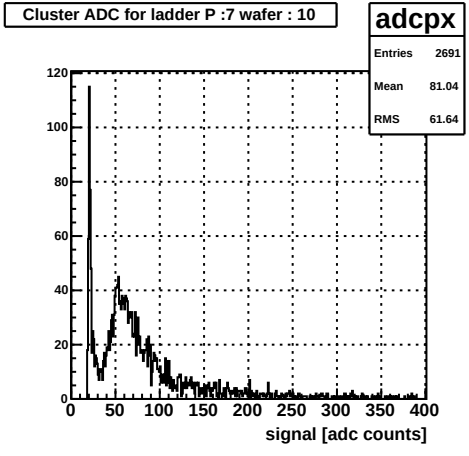

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 21889
Mean 53.59
RMS 49.83
signal [adc counts]

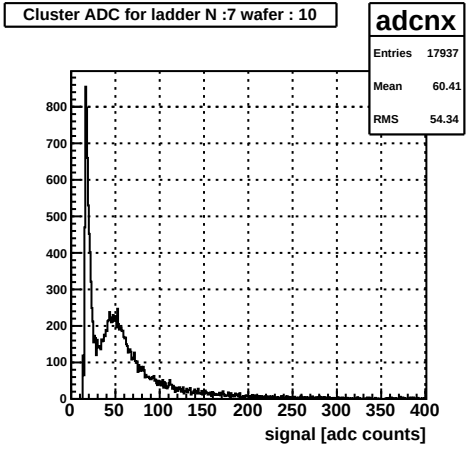

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 16170
Mean 64.85
RMS 54.29
signal [adc counts]

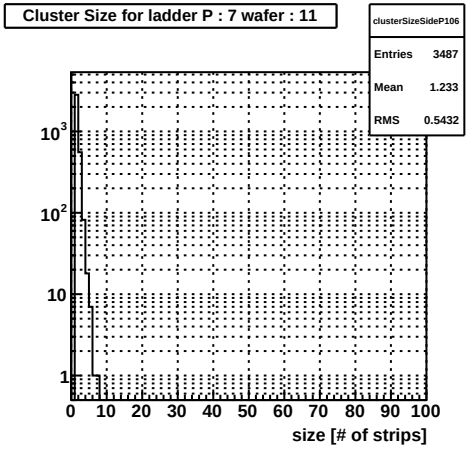

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 2691
Mean 1.331
RMS 0.6491
size [# of strips]

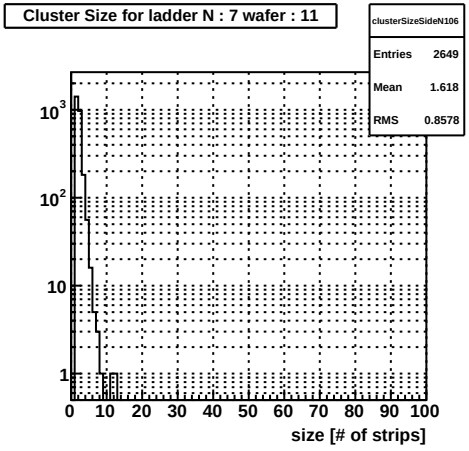

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 17937
Mean 1.429
RMS 0.7368
size [# of strips]

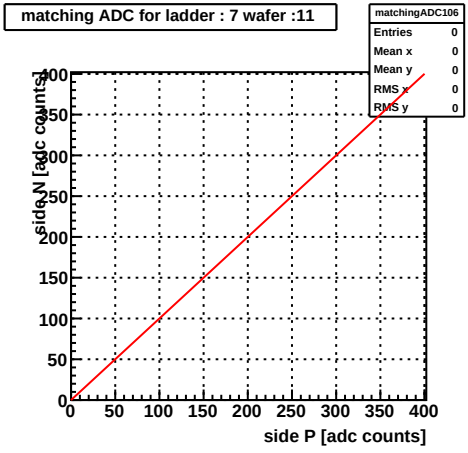

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2021
Mean x 76.18
Mean y 71.46
RMS x 56.35
RMS y 51.02
side N [adc counts]
side P [adc counts]

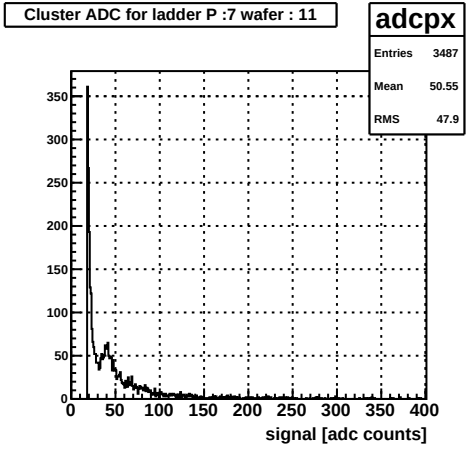

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 2691
Mean 81.04
RMS 61.64
signal [adc counts]

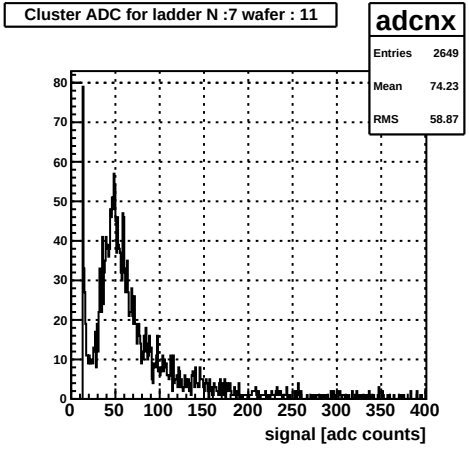

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 17937
Mean 60.41
RMS 54.34
signal [adc counts]

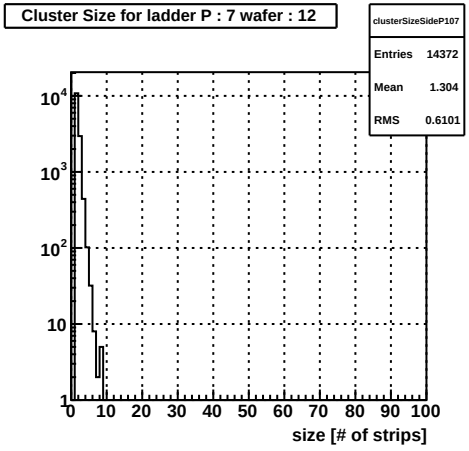

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3487
Mean 1.233
RMS 0.5432
size [# of strips]

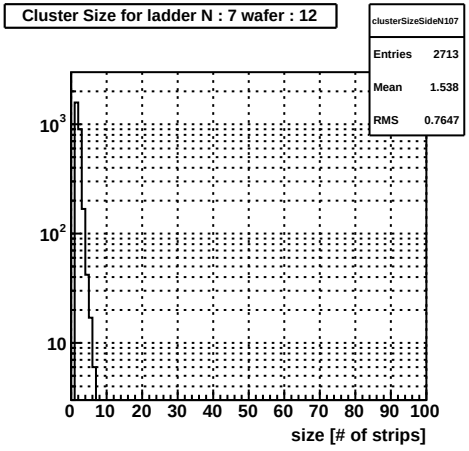

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2649
Mean 1.618
RMS 0.8578
size [# of strips]

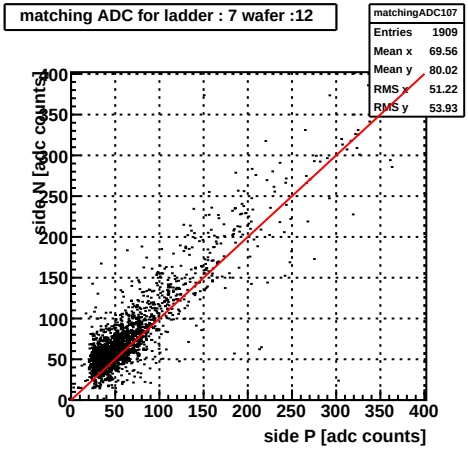

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

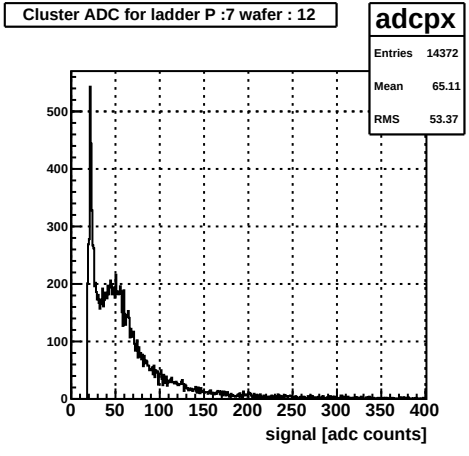

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3487
Mean 50.55
RMS 47.9
signal [adc counts]

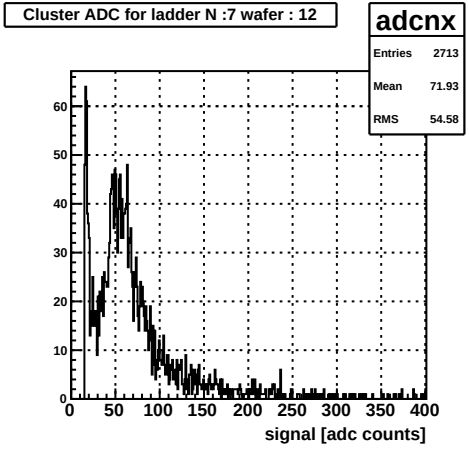

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2649
Mean 74.23
RMS 58.87
signal [adc counts]

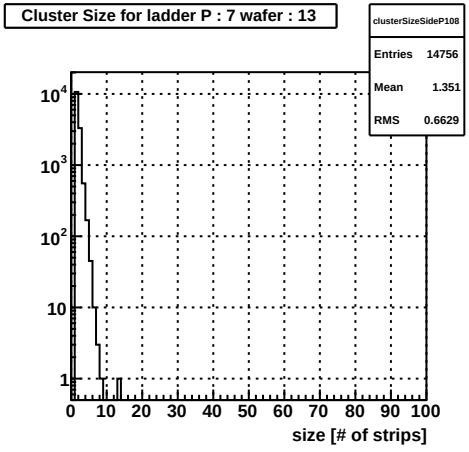

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 14372
Mean 1.304
RMS 0.6101
size [# of strips]

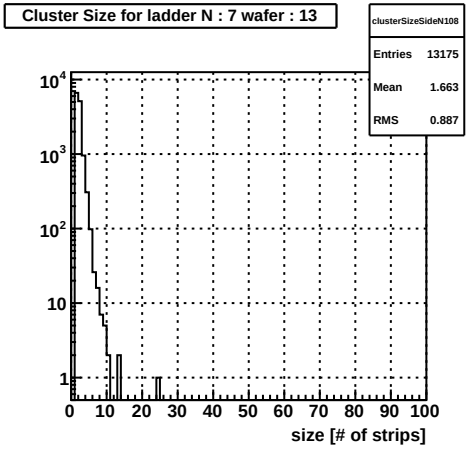

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2713
Mean 1.538
RMS 0.7647
size [# of strips]

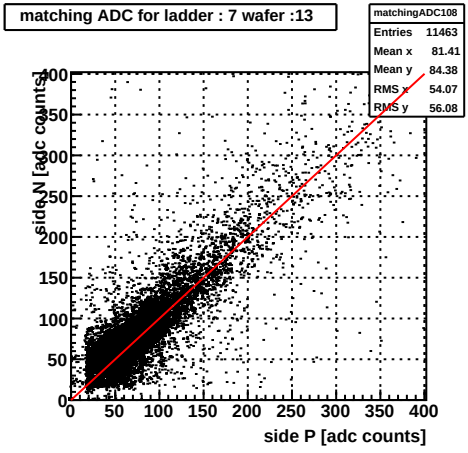

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1909
Mean x 69.56
Mean y 80.02
RMS x 51.22
RMS y 53.93
side N [adc counts]
side P [adc counts]

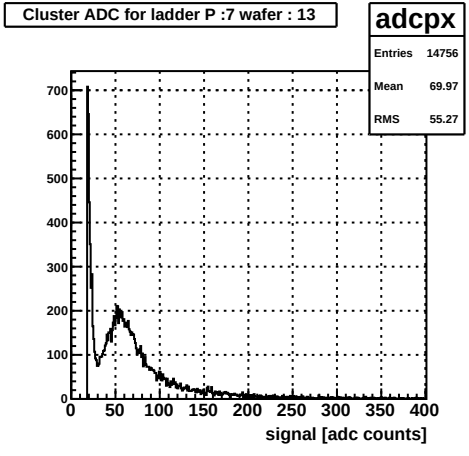

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 14372
Mean 65.11
RMS 53.37
signal [adc counts]

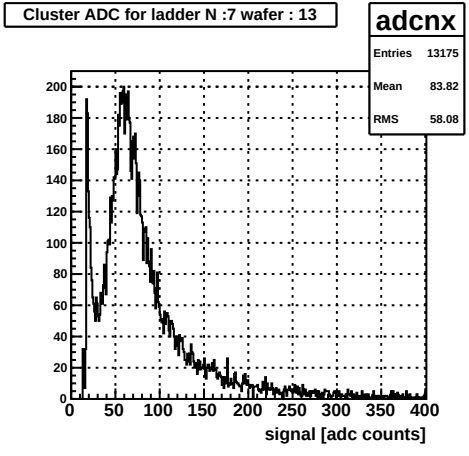

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2713
Mean 71.93
RMS 54.58
signal [adc counts]

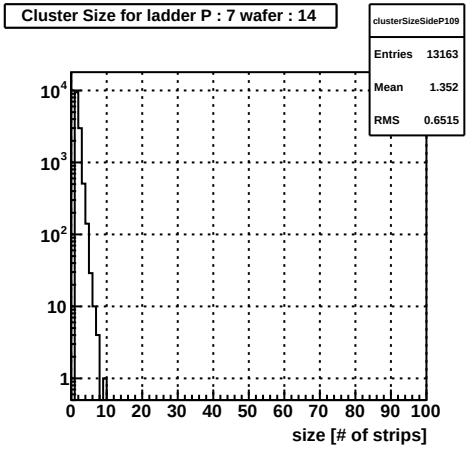

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 14756
Mean 1.351
RMS 0.6629
size [# of strips]

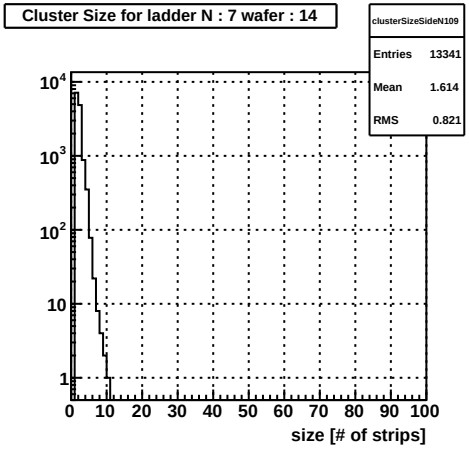

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 13175
Mean 1.663
RMS 0.887
size [# of strips]

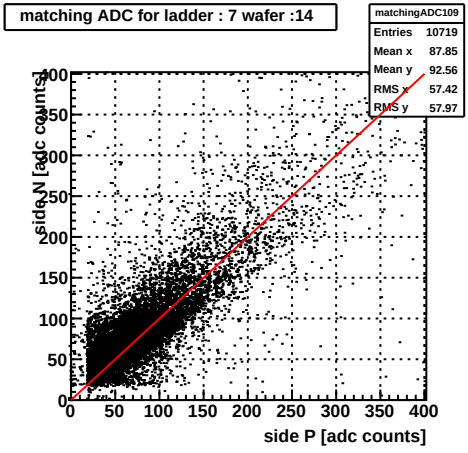

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 11463
Mean x 81.41
Mean y 84.38
RMS x 54.07
RMS y 56.08
side N [adc counts]
side P [adc counts]

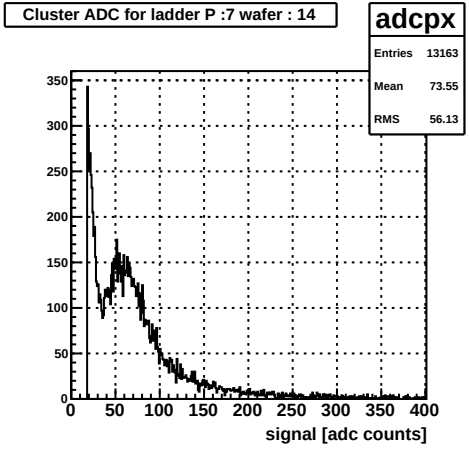

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 14756
Mean 69.97
RMS 55.27
signal [adc counts]

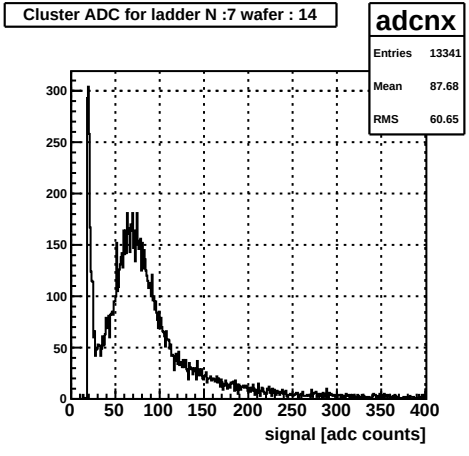

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 13175
Mean 83.82
RMS 58.08
signal [adc counts]

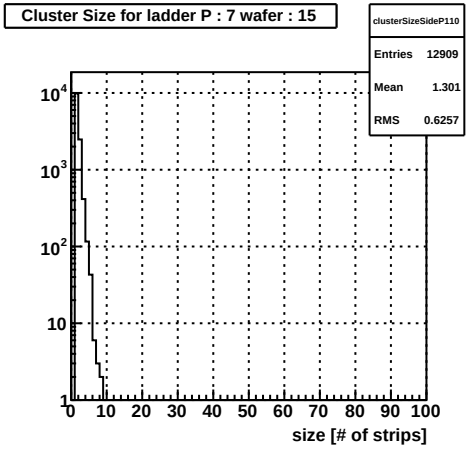

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 13163
Mean 1.352
RMS 0.6515
size [# of strips]

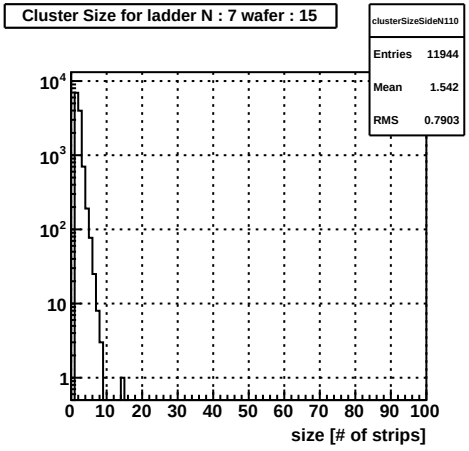

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 13341
Mean 1.614
RMS 0.821
size [# of strips]

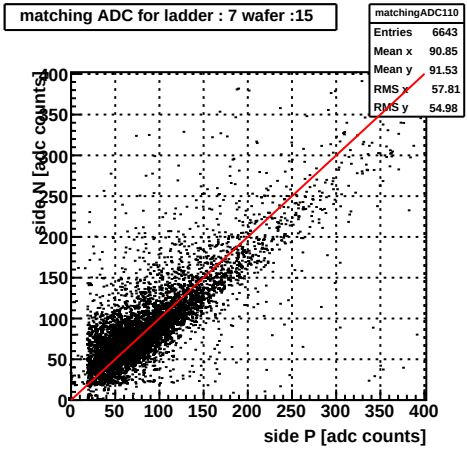

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 10719
Mean x 87.85
Mean y 92.56
RMS x 57.42
RMS y 57.97
side N [adc counts]
side P [adc counts]

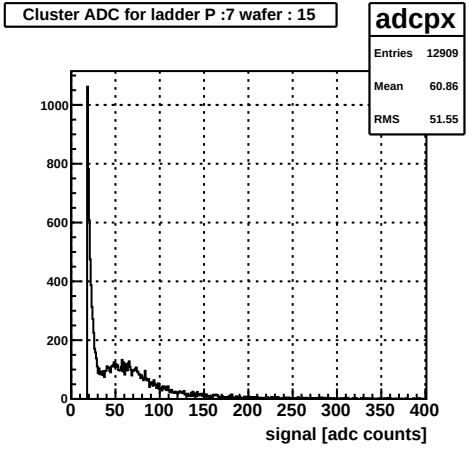

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 13163
Mean 73.55
RMS 56.13
signal [adc counts]

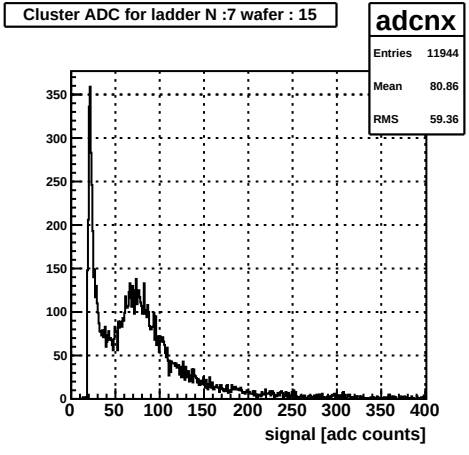

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 13341
Mean 87.68
RMS 60.65
signal [adc counts]

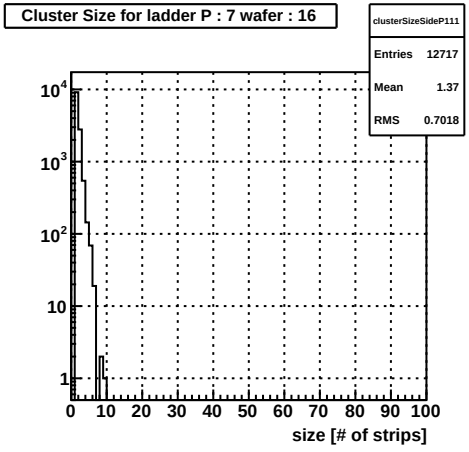

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 12909
Mean 1.301
RMS 0.6257
size [# of strips]

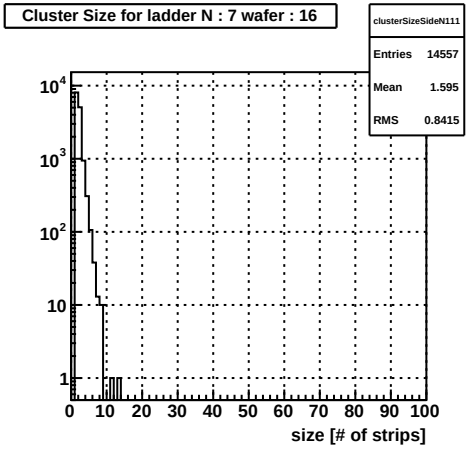

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11944
Mean 1.542
RMS 0.7903
size [# of strips]

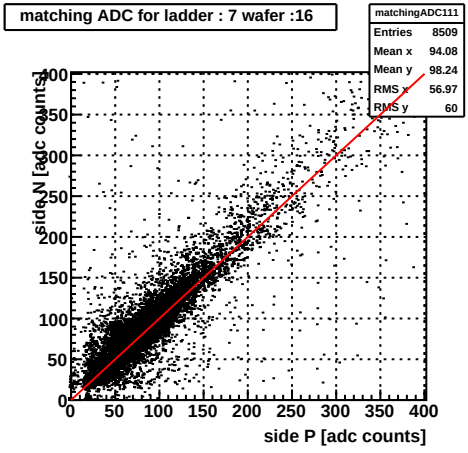

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6643
Mean x 90.85
Mean y 91.53
RMS x 57.81
RMS y 54.98
side N [adc counts]
side P [adc counts]

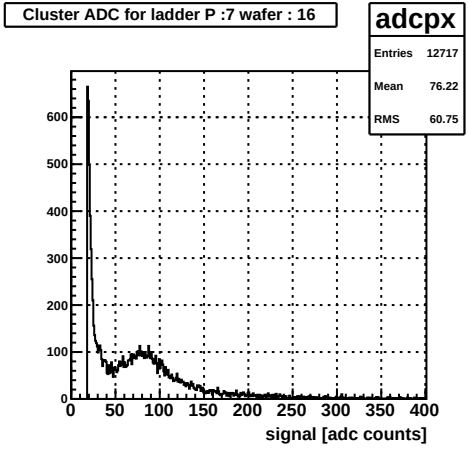

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 12909
Mean 60.86
RMS 51.55
signal [adc counts]

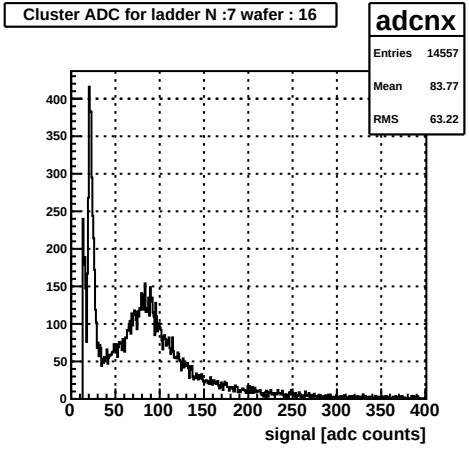

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11944
Mean 80.86
RMS 59.36
signal [adc counts]

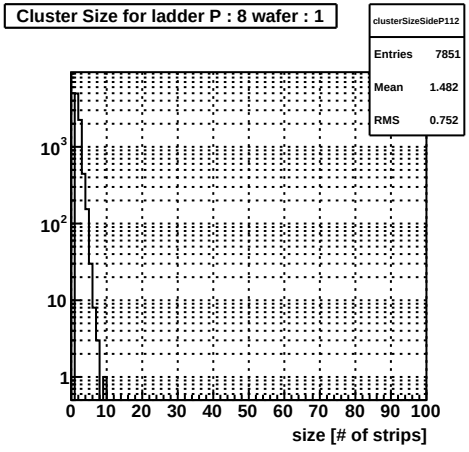

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 12717
Mean 1.37
RMS 0.7018
size [# of strips]

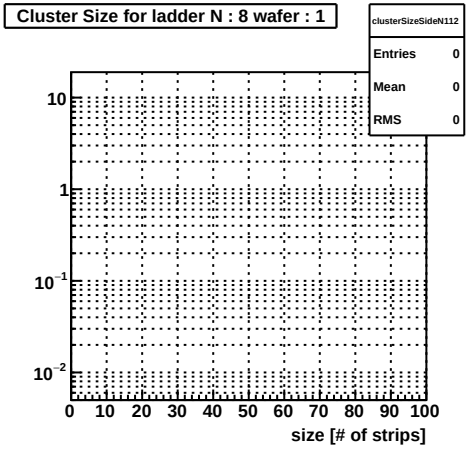

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 14557
Mean 1.595
RMS 0.8415
size [# of strips]

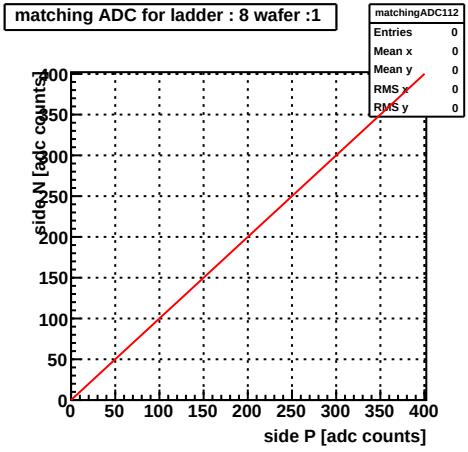

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 8509
Mean x 94.08
Mean y 98.24
RMS x 56.97
RMS y 60
side N [adc counts]
side P [adc counts]

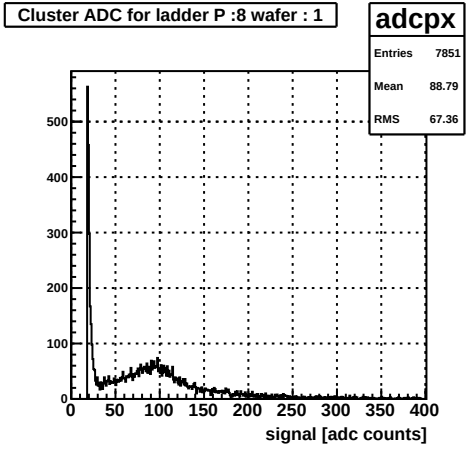

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 12717
Mean 76.22
RMS 60.75
signal [adc counts]

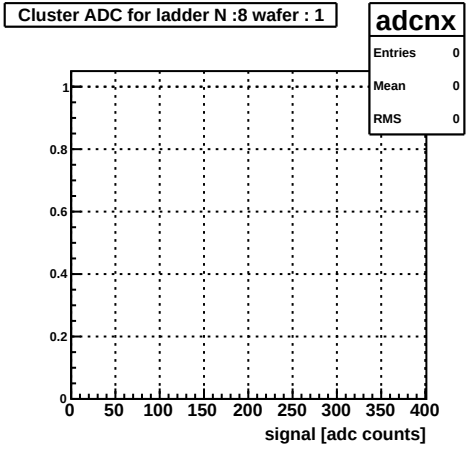

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 14557
Mean 83.77
RMS 63.22
signal [adc counts]

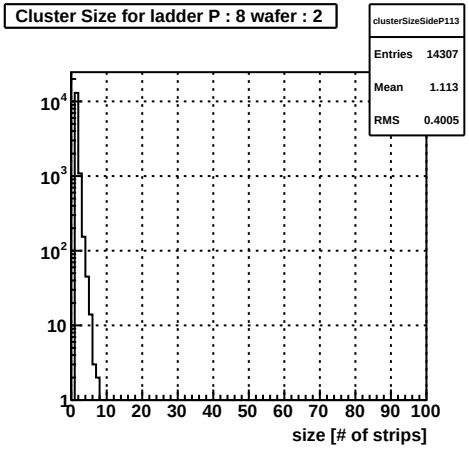

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 7851
Mean 1.482
RMS 0.752
size [# of strips]

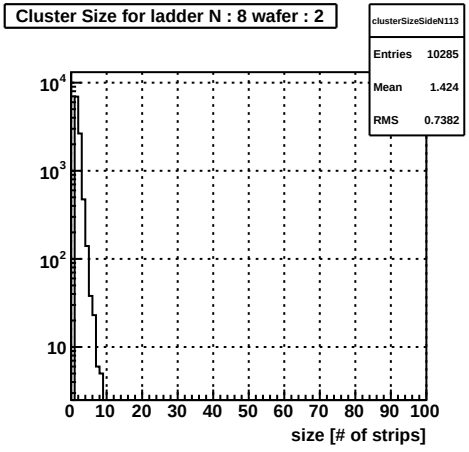

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

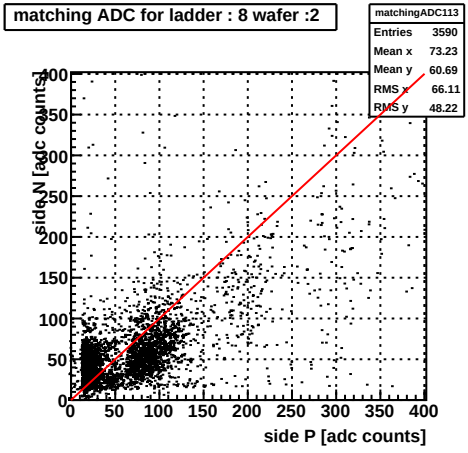

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

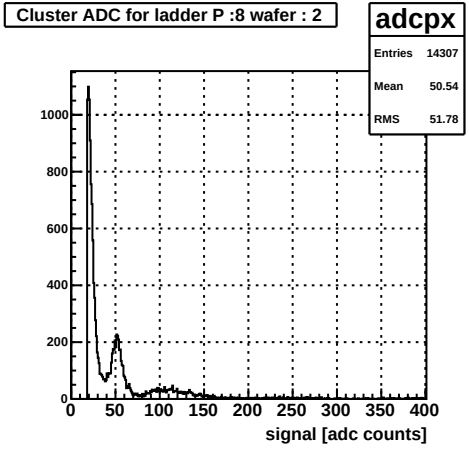

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 7851
Mean 88.79
RMS 67.36
signal [adc counts]

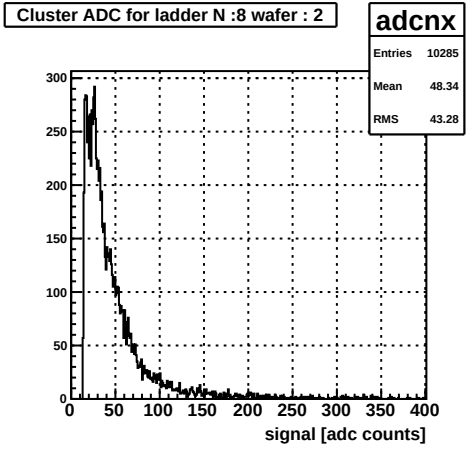

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

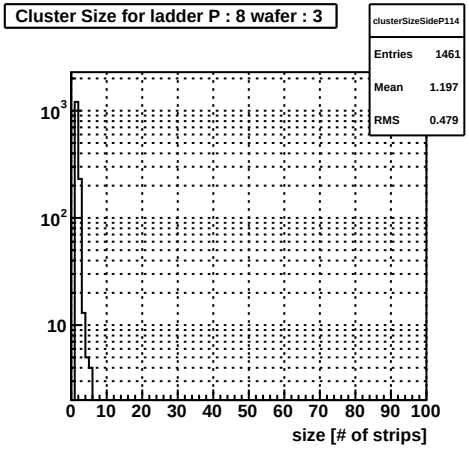

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14307
Mean 1.113
RMS 0.4005
size [# of strips]

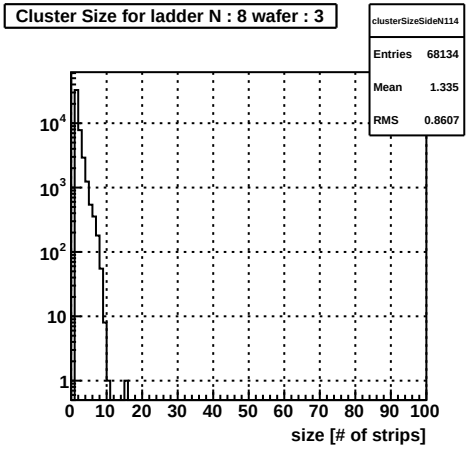

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10285
Mean 1.424
RMS 0.7382
size [# of strips]

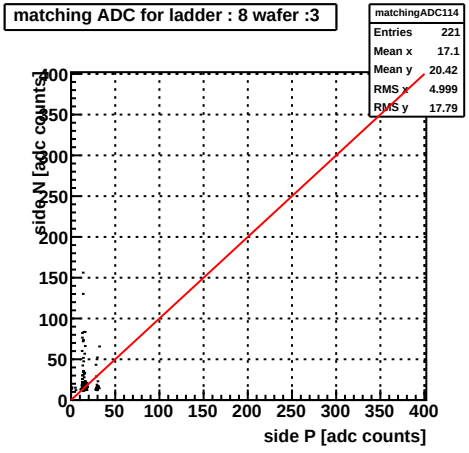

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3590
Mean x 73.23
Mean y 60.69
RMS x 66.11
RMS y 48.22
side N [adc counts]
side P [adc counts]

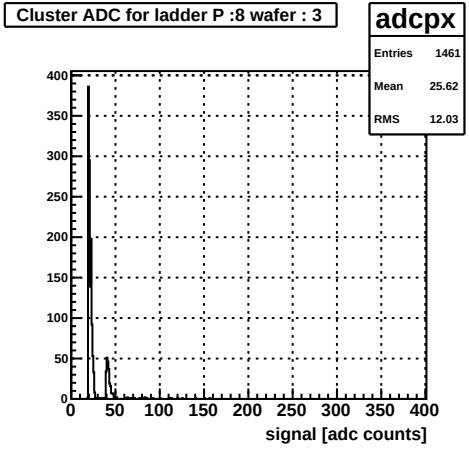

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14307
Mean 50.54
RMS 51.78
signal [adc counts]

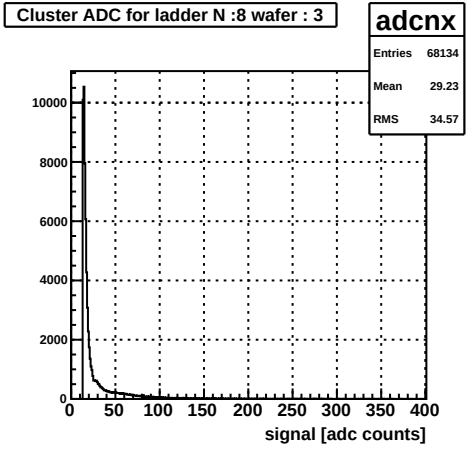

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10285
Mean 48.34
RMS 43.28
signal [adc counts]

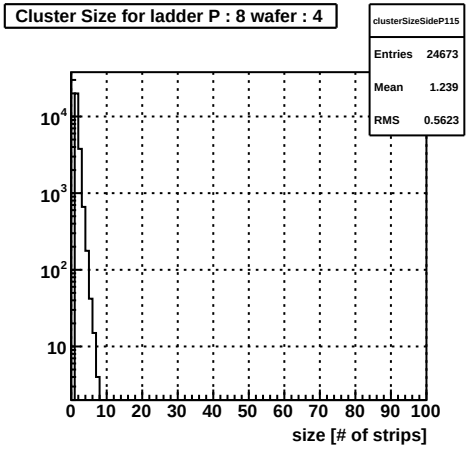

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 1461
Mean 1.197
RMS 0.479
size [# of strips]

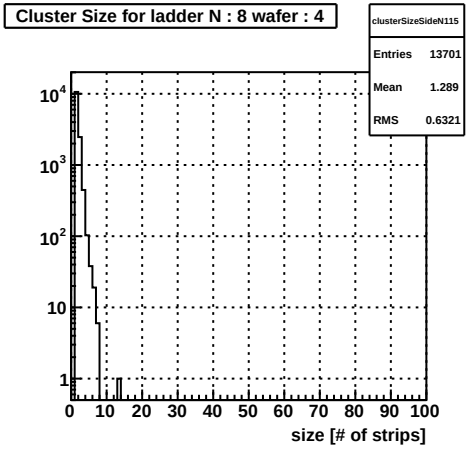

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 68134
Mean 1.335
RMS 0.8607
size [# of strips]

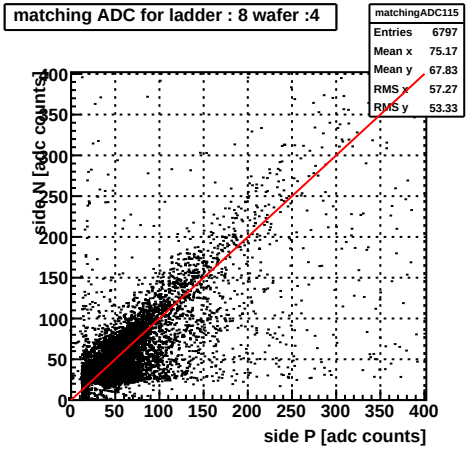

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 221
Mean x 17.1
Mean y 20.42
RMS x 4.999
RMS y 17.79
side N [adc counts]
side P [adc counts]

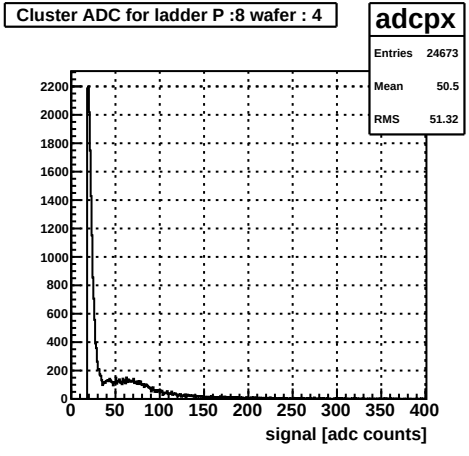

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 1461
Mean 25.62
RMS 12.03
signal [adc counts]

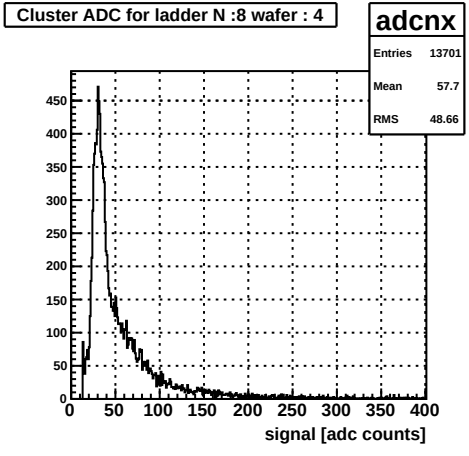

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 68134
Mean 29.23
RMS 34.57
signal [adc counts]

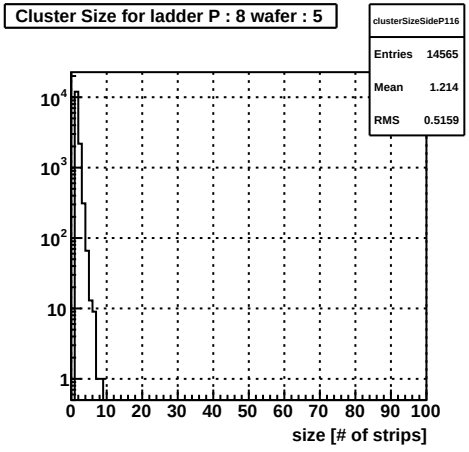

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24673
Mean 1.239
RMS 0.5623
size [# of strips]

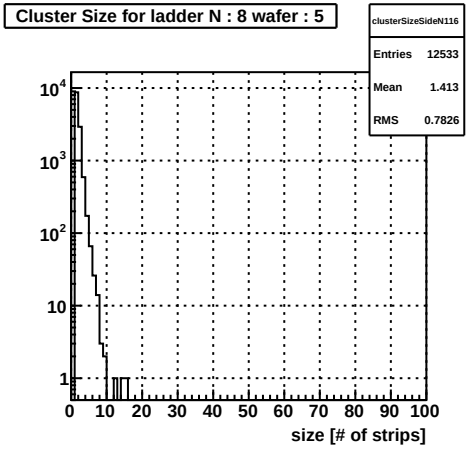

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13701
Mean 1.289
RMS 0.6321
size [# of strips]

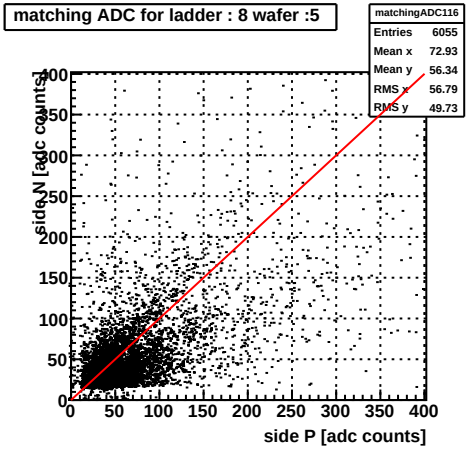

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6797
Mean x 75.17
Mean y 67.83
RMS x 57.27
RMS y 53.33
side N [adc counts]
side P [adc counts]

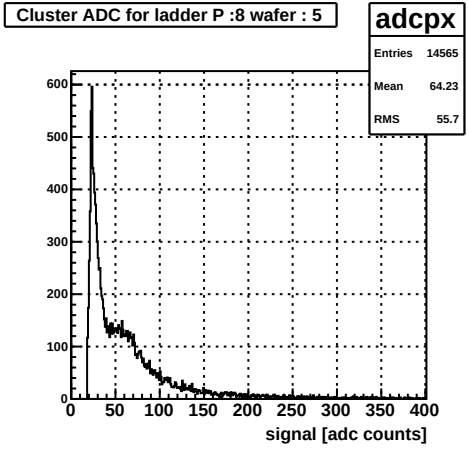

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24673
Mean 50.5
RMS 51.32
signal [adc counts]

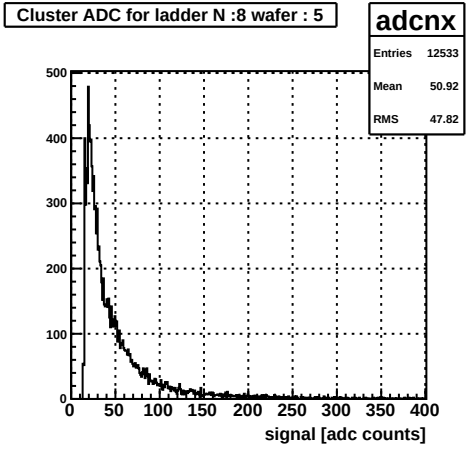

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13701
Mean 57.7
RMS 48.66
signal [adc counts]

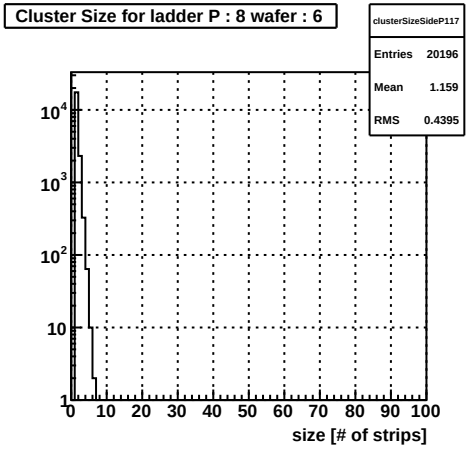

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 14565
Mean 1.214
RMS 0.5159
size [# of strips]

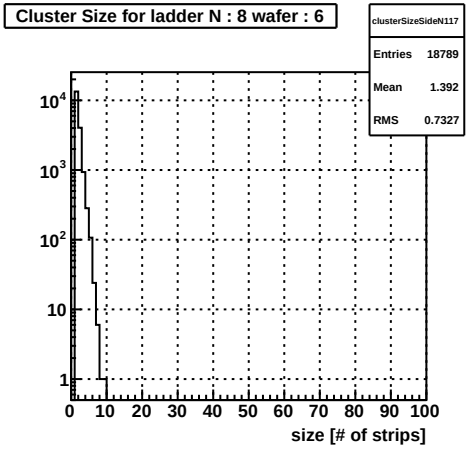

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 12533
Mean 1.413
RMS 0.7826
size [# of strips]

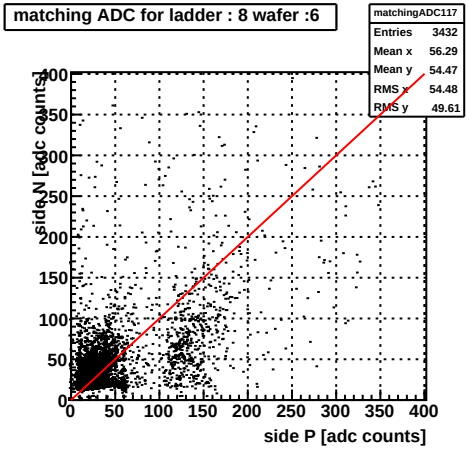

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 6055
Mean x 72.93
Mean y 56.34
RMS x 56.79
RMS y 49.73
side N [adc counts]
side P [adc counts]

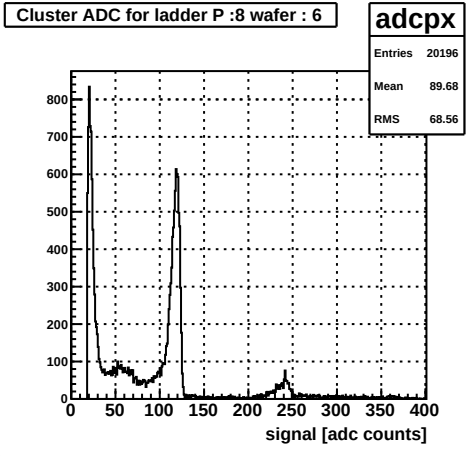

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 14565
Mean 64.23
RMS 55.7
signal [adc counts]

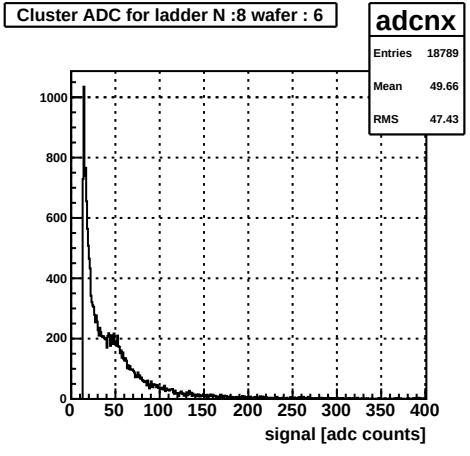

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 12533
Mean 50.92
RMS 47.82
signal [adc counts]

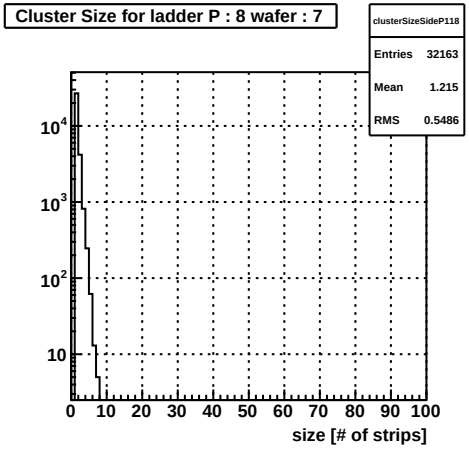

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 20196
Mean 1.159
RMS 0.4395
size [# of strips]

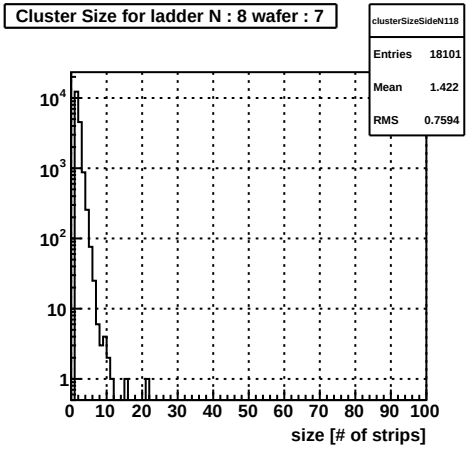

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 18789
Mean 1.392
RMS 0.7327
size [# of strips]

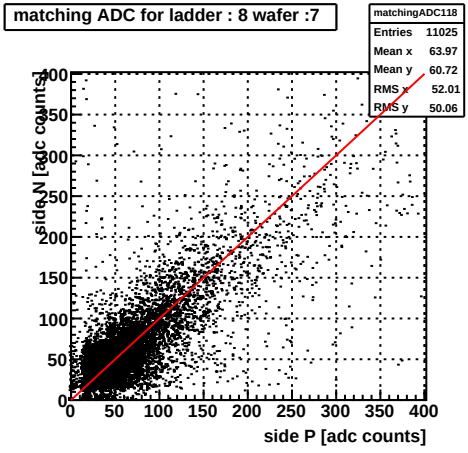

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3432
Mean x 56.29
Mean y 54.47
RMS x 54.48
RMS y 49.61
side N [adc counts]
side P [adc counts]

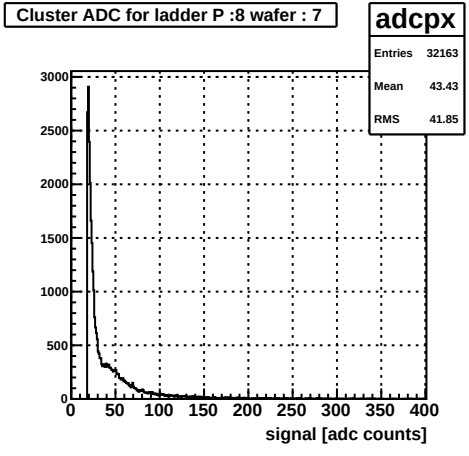

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 20196
Mean 89.68
RMS 68.56
signal [adc counts]

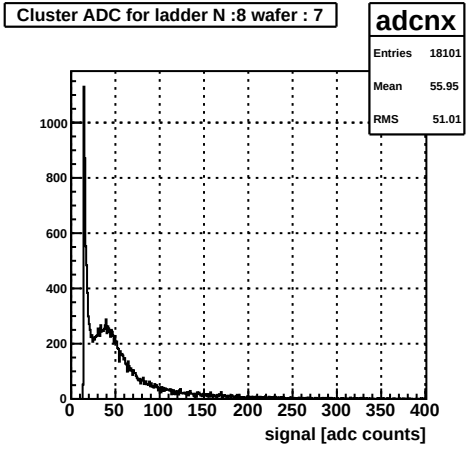

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 18789
Mean 49.66
RMS 47.43
signal [adc counts]

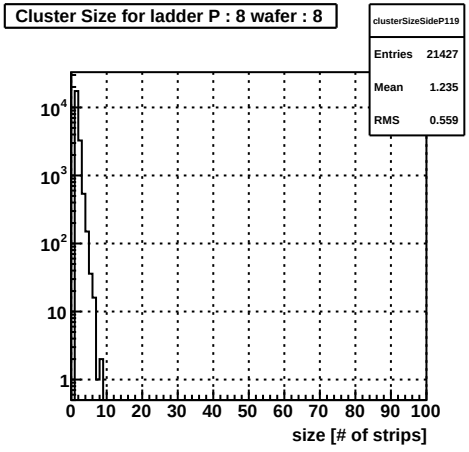

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 32163
Mean 1.215
RMS 0.5486
size [# of strips]

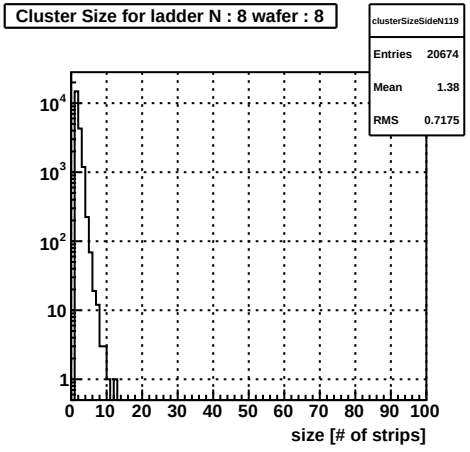

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 18101
Mean 1.422
RMS 0.7594
size [# of strips]

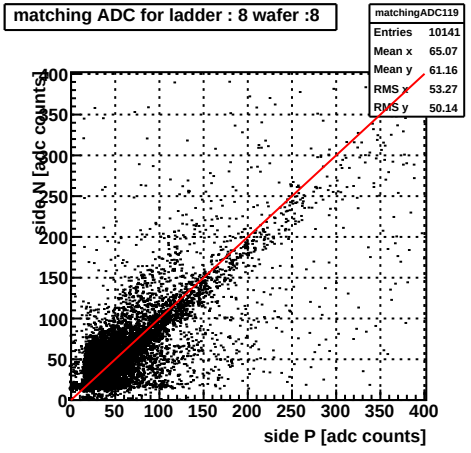

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 11025
Mean x 63.97
Mean y 60.72
RMS x 52.01
RMS y 50.06
side N [adc counts]
side P [adc counts]

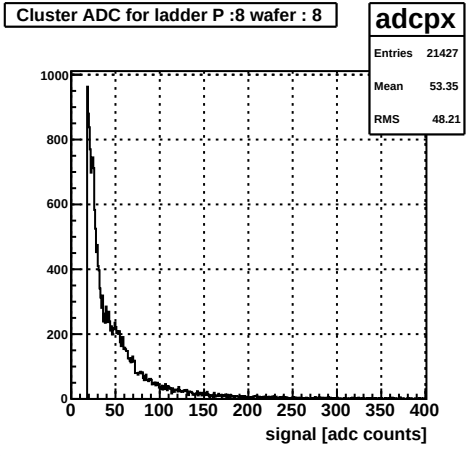

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 32163
Mean 43.43
RMS 41.85
signal [adc counts]

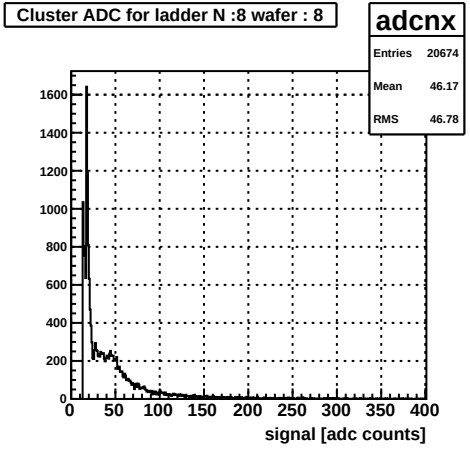

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 18101
Mean 55.95
RMS 51.01
signal [adc counts]

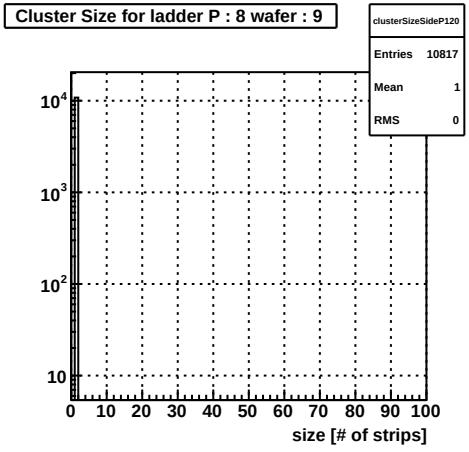

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 21427
Mean 1.235
RMS 0.559
size [# of strips]

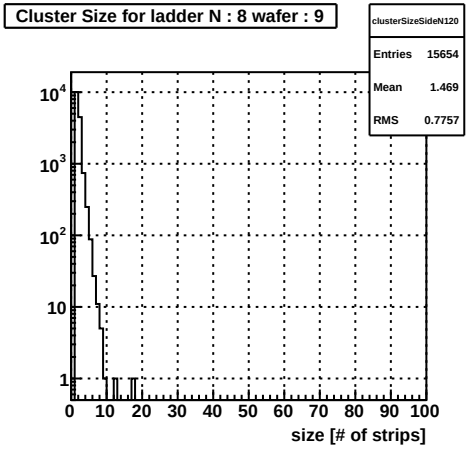

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 20674
Mean 1.38
RMS 0.7175
size [# of strips]

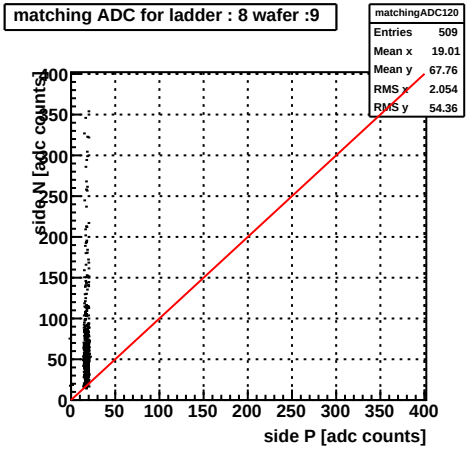

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10141
Mean x 65.07
Mean y 61.16
RMS x 53.27
RMS y 50.14
side N [adc counts]
side P [adc counts]

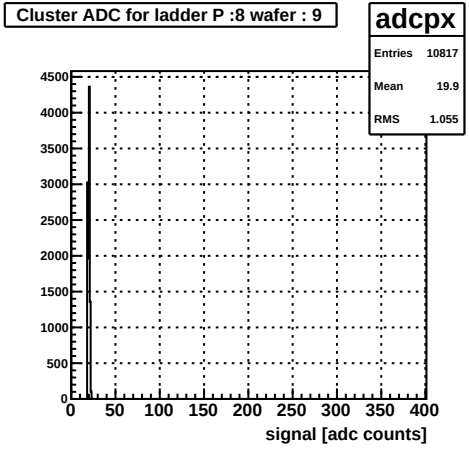

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 21427
Mean 53.35
RMS 48.21
signal [adc counts]

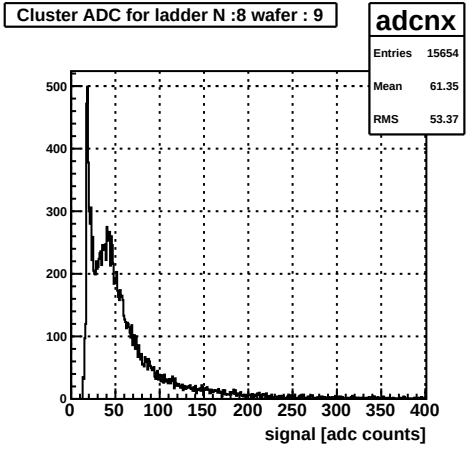

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 20674
Mean 46.17
RMS 46.78
signal [adc counts]

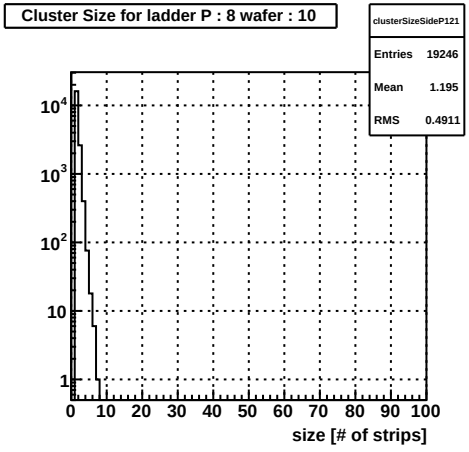

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 10817
Mean 1
RMS 0
size [# of strips]

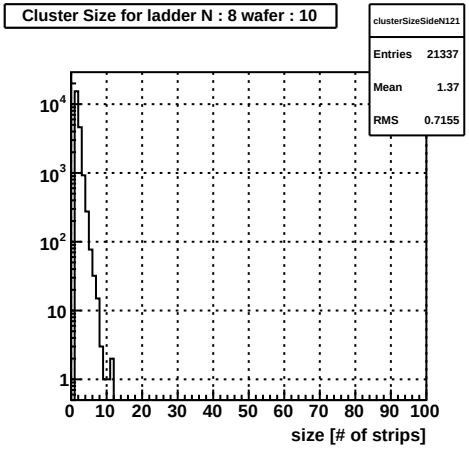

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 15654
Mean 1.469
RMS 0.7757
size [# of strips]

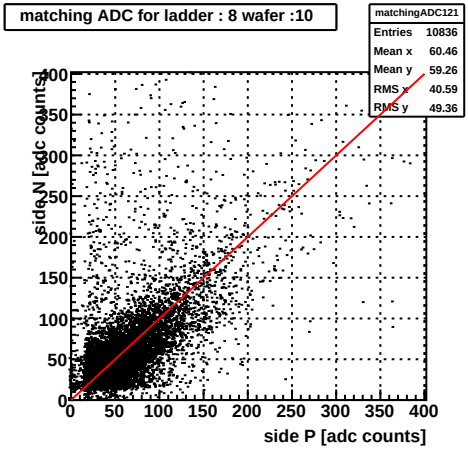

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 509
Mean x 19.01
Mean y 67.76
RMS x 2.054
RMS y 54.36
side N [adc counts]
side P [adc counts]

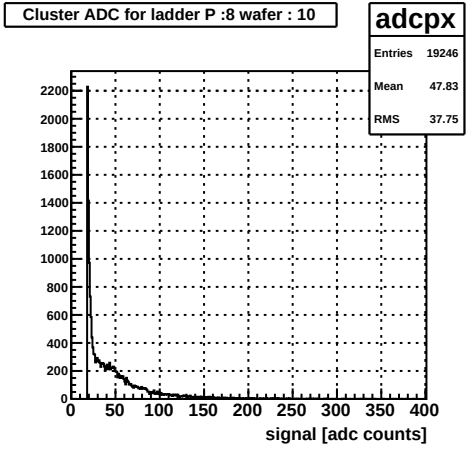

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 10817
Mean 19.9
RMS 1.055
signal [adc counts]

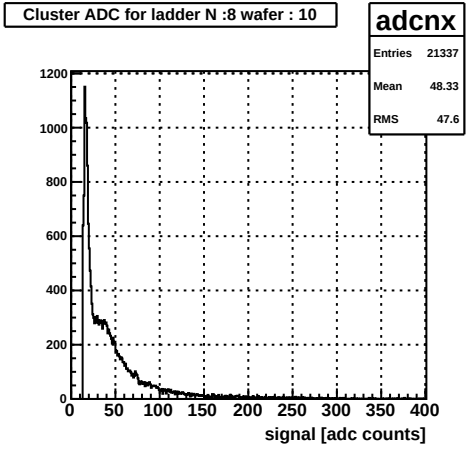

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 15654
Mean 61.35
RMS 53.37
signal [adc counts]

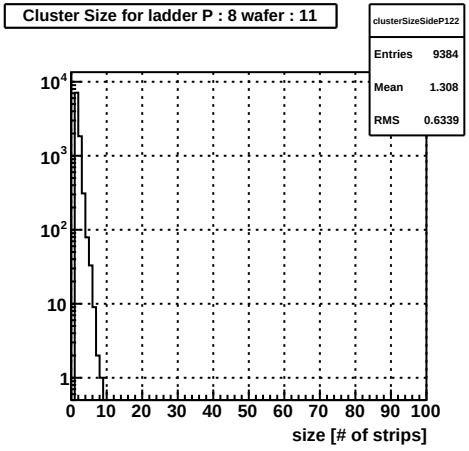

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 19246
Mean 1.195
RMS 0.4911
size [# of strips]

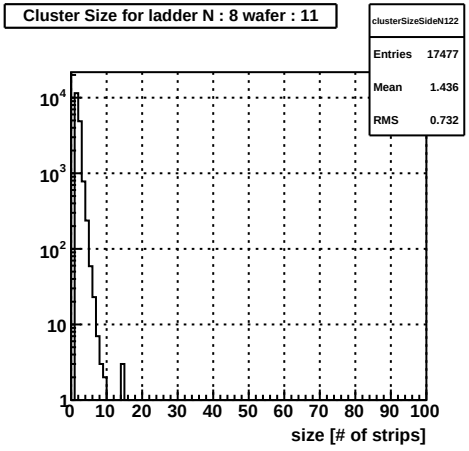

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 21337
Mean 1.37
RMS 0.7155
size [# of strips]

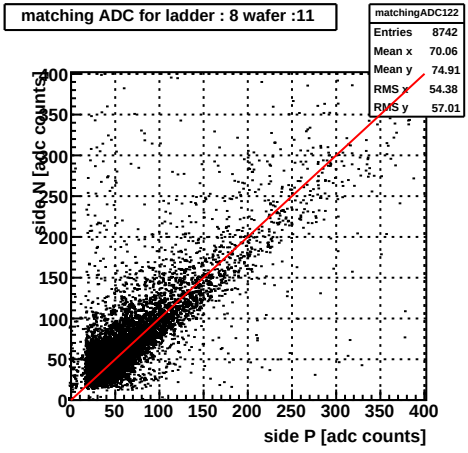

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10836
Mean x 60.46
Mean y 59.26
RMS x 40.59
RMS y 49.36
side N [adc counts]
side P [adc counts]

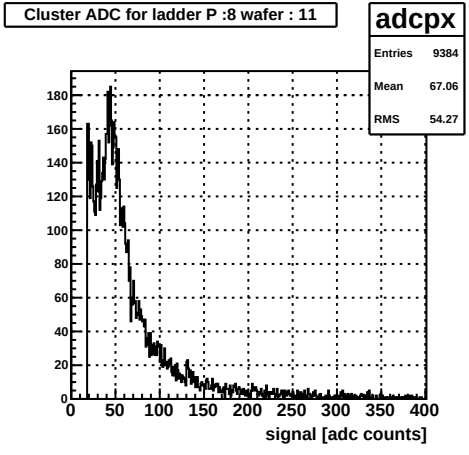

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 19246
Mean 47.83
RMS 37.75
signal [adc counts]

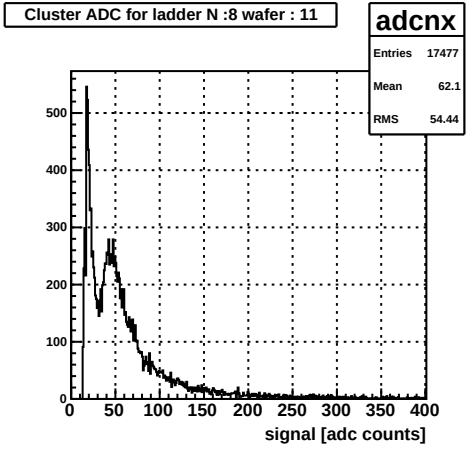

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 21337
Mean 48.33
RMS 47.6
signal [adc counts]

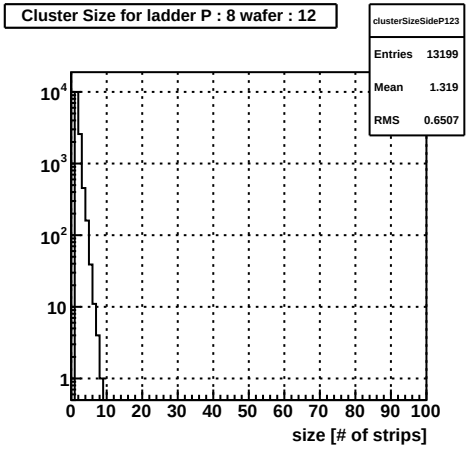

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9384
Mean 1.308
RMS 0.6339
size [# of strips]

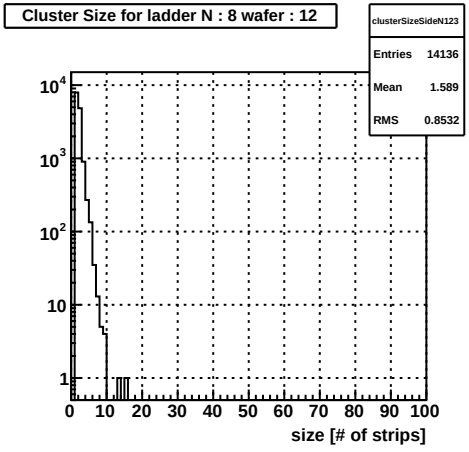

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 17477
Mean 1.436
RMS 0.732
size [# of strips]

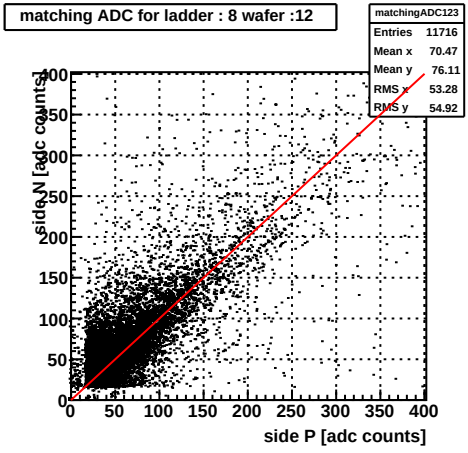

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 8742
Mean x 70.06
Mean y 74.91
RMS x 54.38
RMS y 57.01
side N [adc counts]
side P [adc counts]

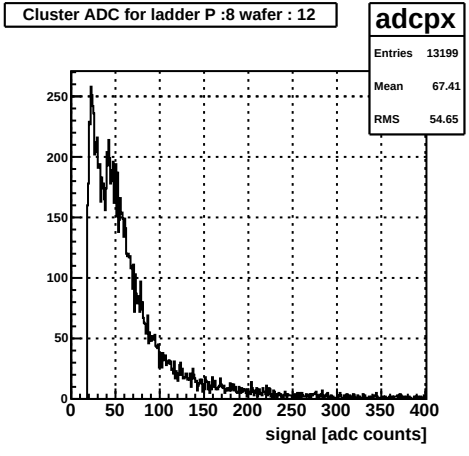

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9384
Mean 67.06
RMS 54.27
signal [adc counts]

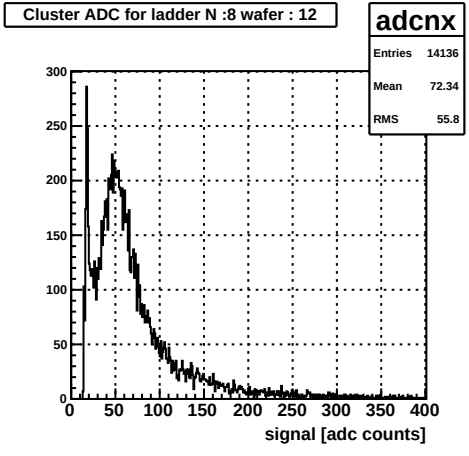

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 17477
Mean 62.1
RMS 54.44
signal [adc counts]

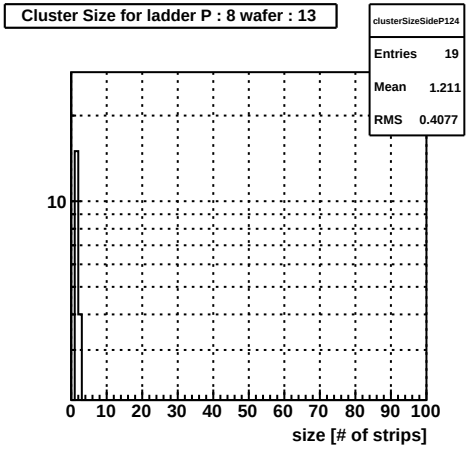

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 13199
Mean 1.319
RMS 0.6507
size [# of strips]

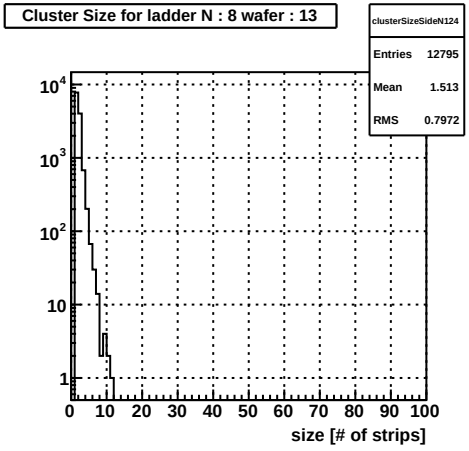

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 14136
Mean 1.589
RMS 0.8532
size [# of strips]

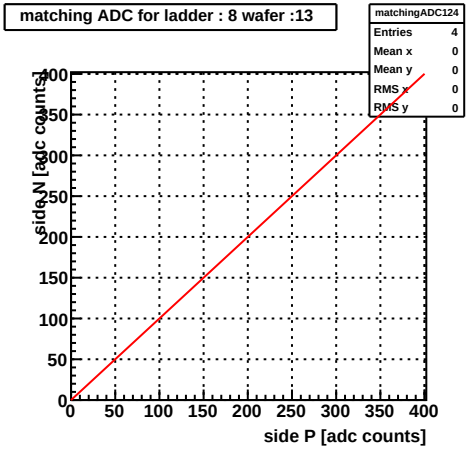

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 11716
Mean x 70.47
Mean y 76.11
RMS x 53.28
RMS y 54.92
side N [adc counts]
side P [adc counts]

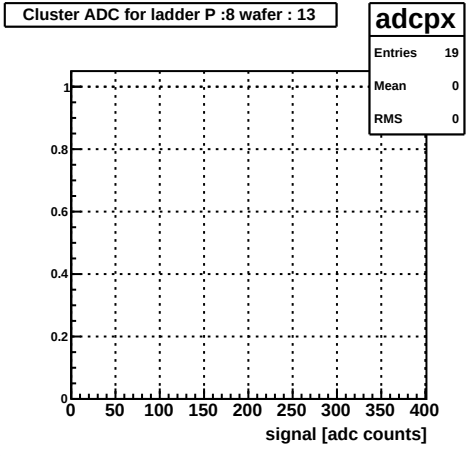

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 13199
Mean 67.41
RMS 54.65
signal [adc counts]

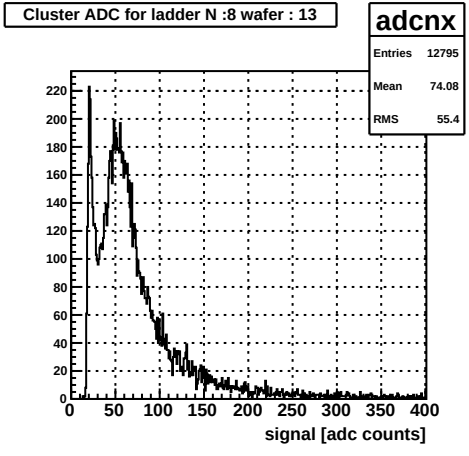

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 14136
Mean 72.34
RMS 55.8
signal [adc counts]

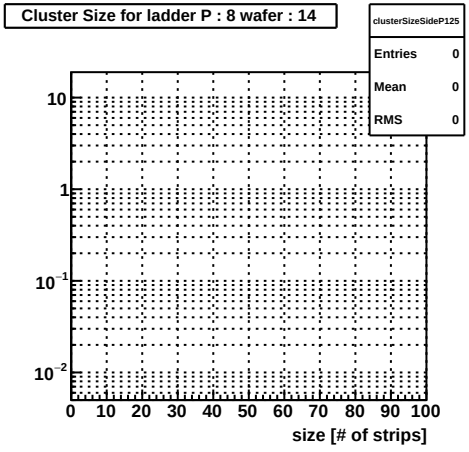

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 19
Mean 1.211
RMS 0.4077
size [# of strips]

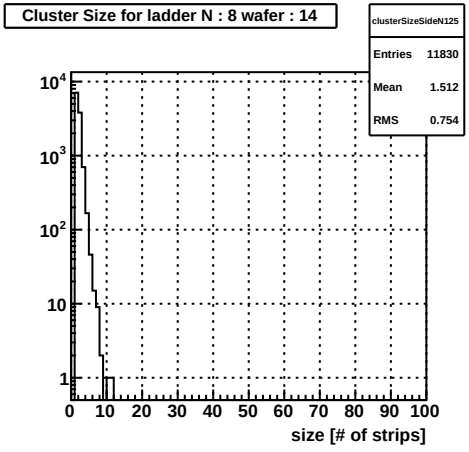

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 12795
Mean 1.513
RMS 0.7972
size [# of strips]

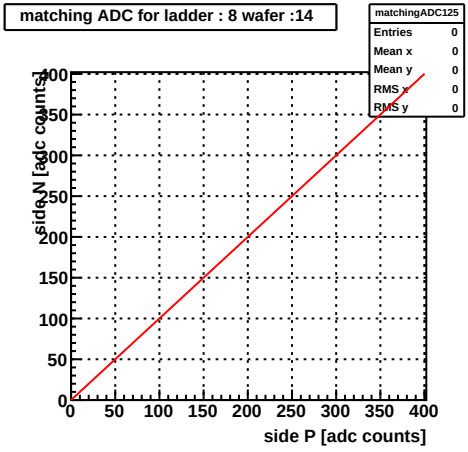

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

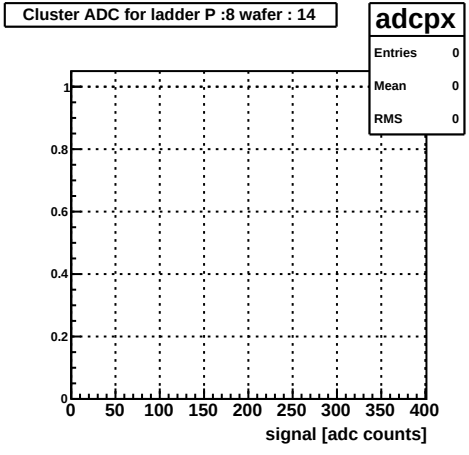

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 19
Mean 0
RMS 0
signal [adc counts]

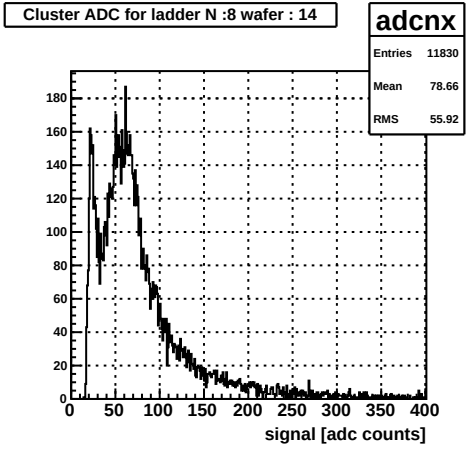

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 12795
Mean 74.08
RMS 55.4
signal [adc counts]

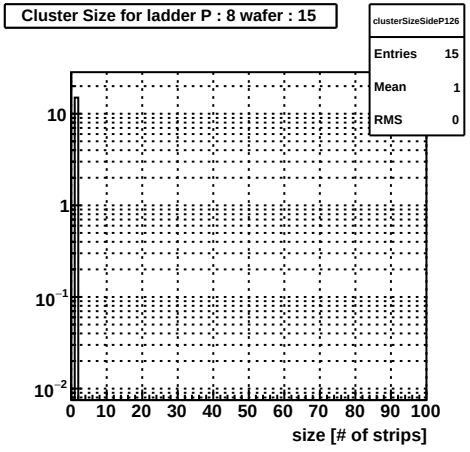

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

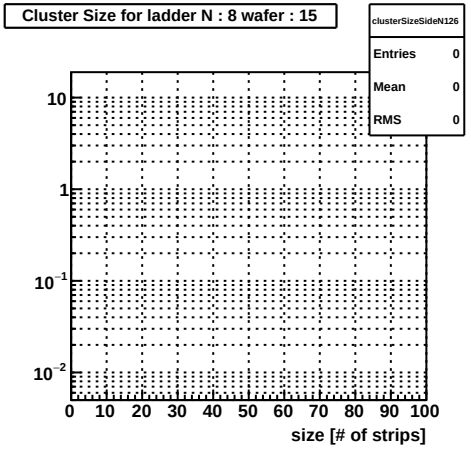

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 11830
Mean 1.512
RMS 0.754
size [# of strips]

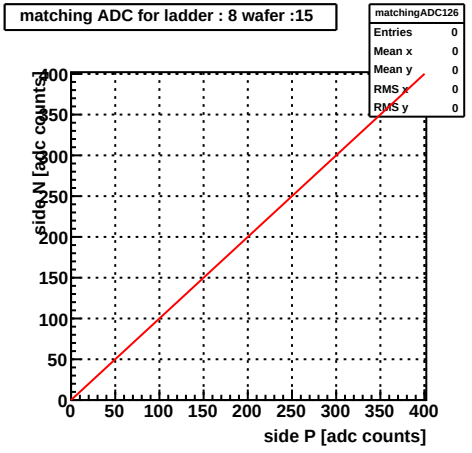

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

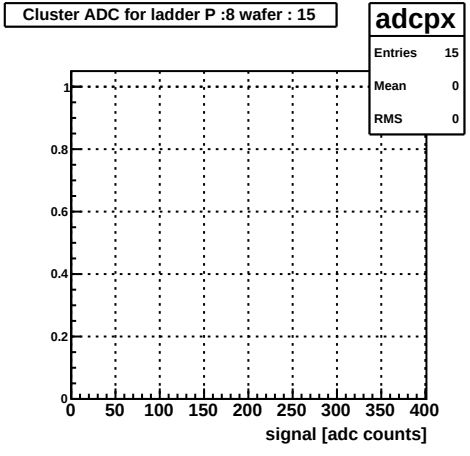

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

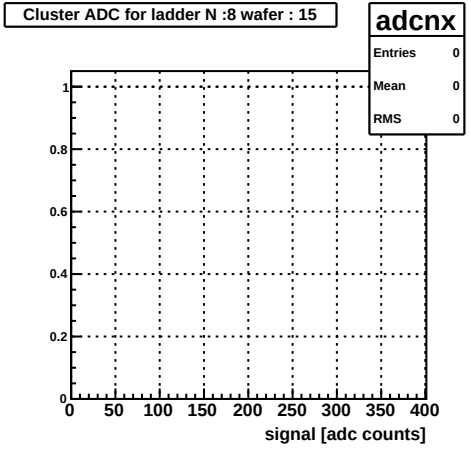

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 11830
Mean 78.66
RMS 55.92
signal [adc counts]

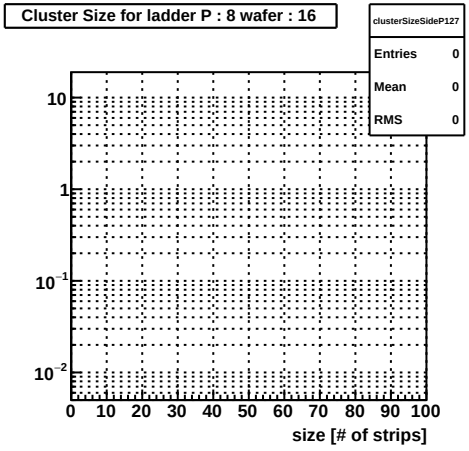

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 15
Mean 1
RMS 0
size [# of strips]

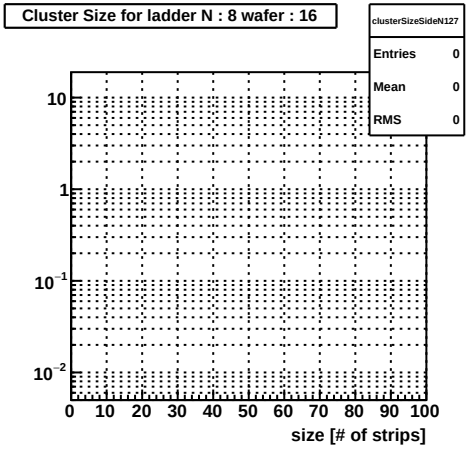

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

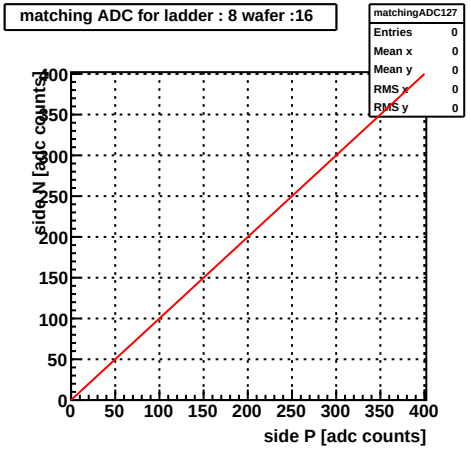

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

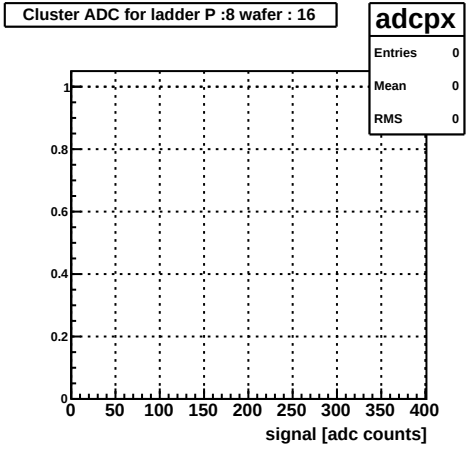

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

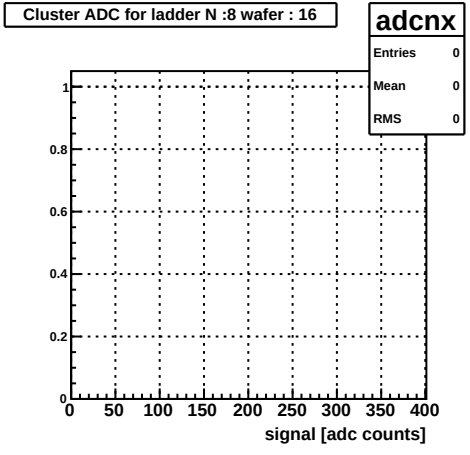

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

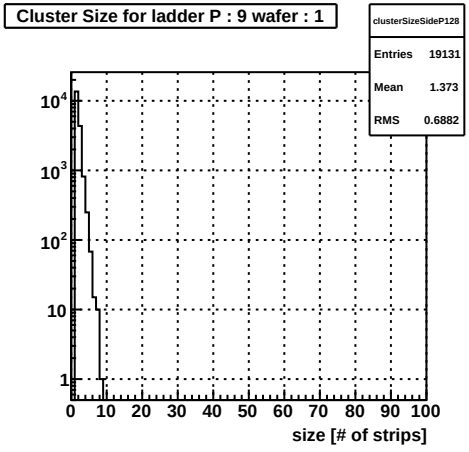

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

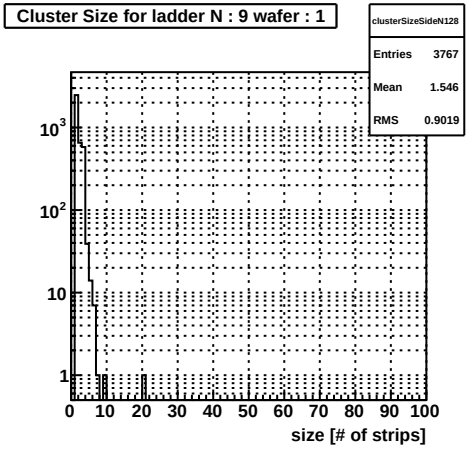

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

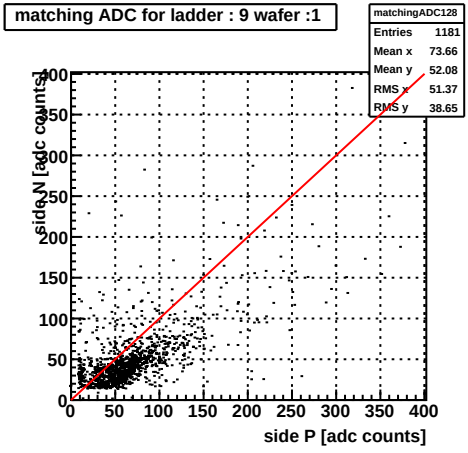

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

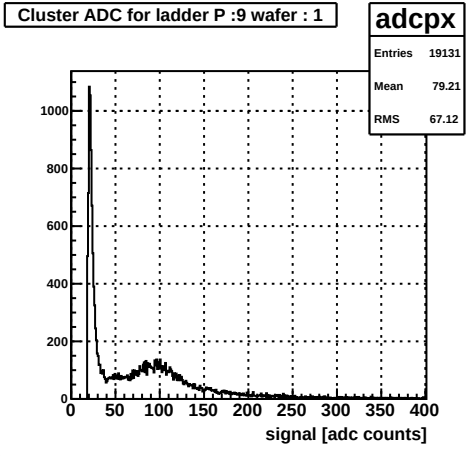

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

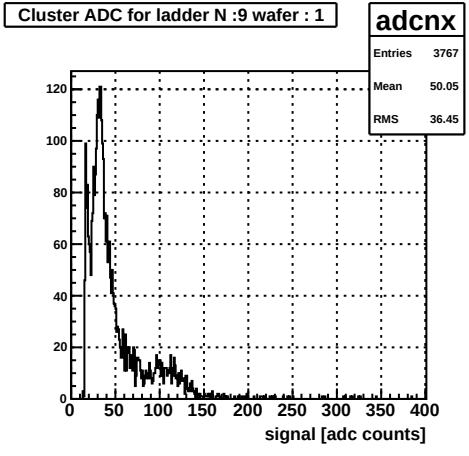

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

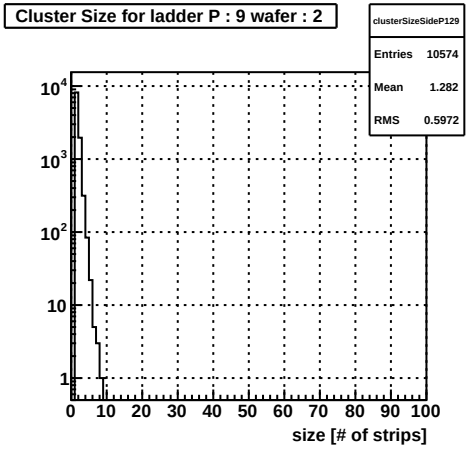

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 19131
Mean 1.373
RMS 0.6882
size [# of strips]

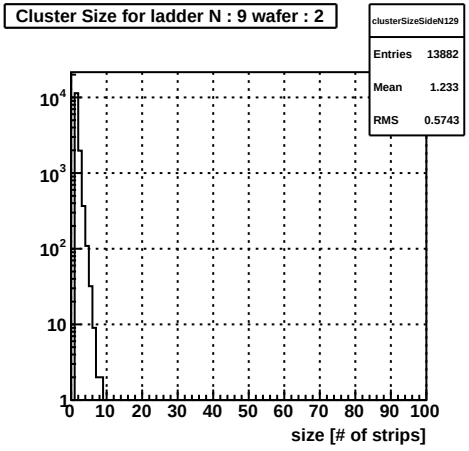

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3767
Mean 1.546
RMS 0.9019
size [# of strips]

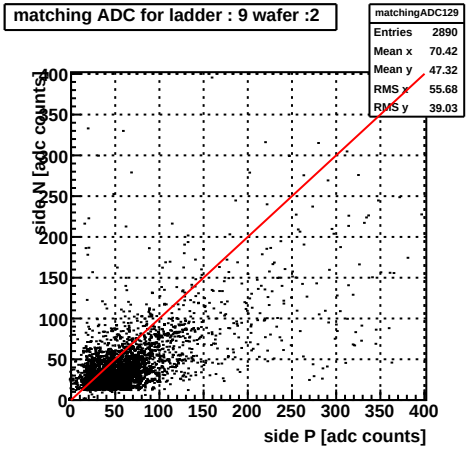

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1181
Mean x 73.66
Mean y 52.08
RMS x 51.37
RMS y 38.65
side N [adc counts]
side P [adc counts]

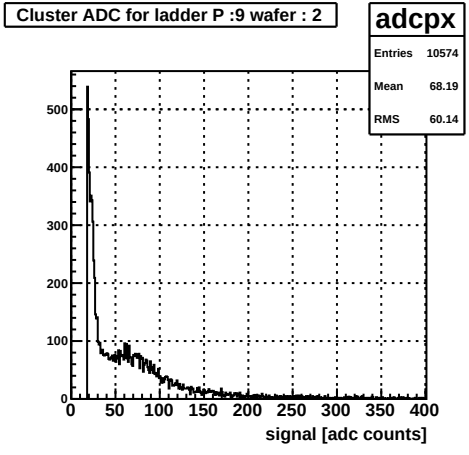

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 19131
Mean 79.21
RMS 67.12
signal [adc counts]

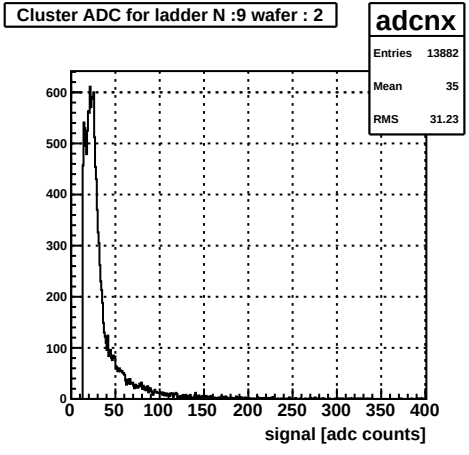

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3767
Mean 50.05
RMS 36.45
signal [adc counts]

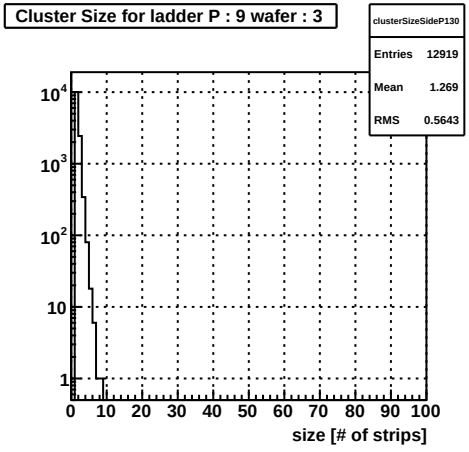

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 10574
Mean 1.282
RMS 0.5972
size [# of strips]

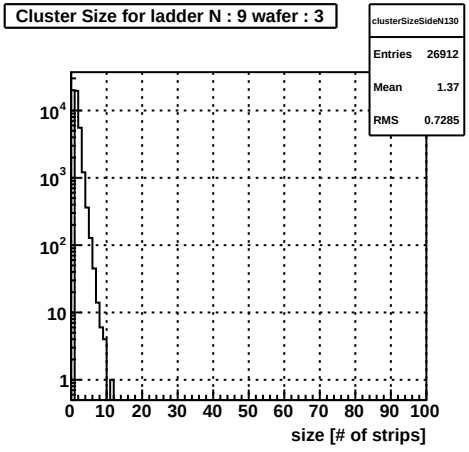

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 13882
Mean 1.233
RMS 0.5743
size [# of strips]

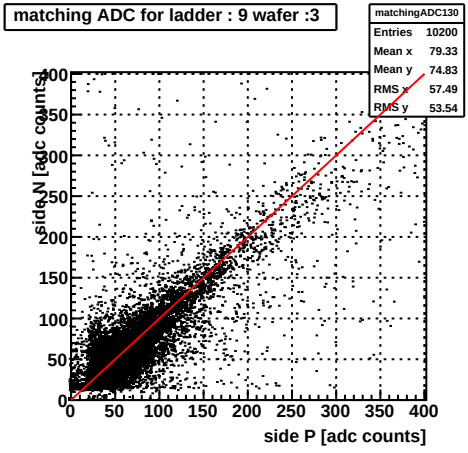

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2890
Mean x 70.42
Mean y 47.32
RMS x 55.68
RMS y 39.03
side N [adc counts]
side P [adc counts]

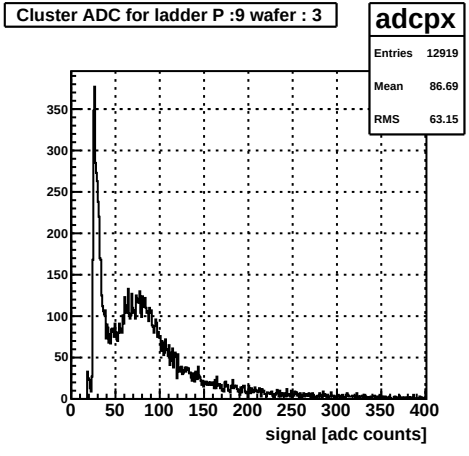

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 10574
Mean 68.19
RMS 60.14
signal [adc counts]

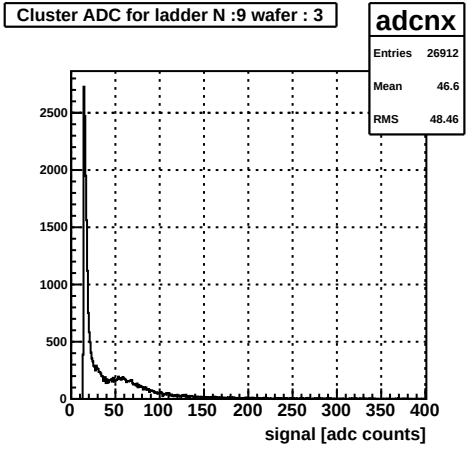

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 13882
Mean 35
RMS 31.23
signal [adc counts]

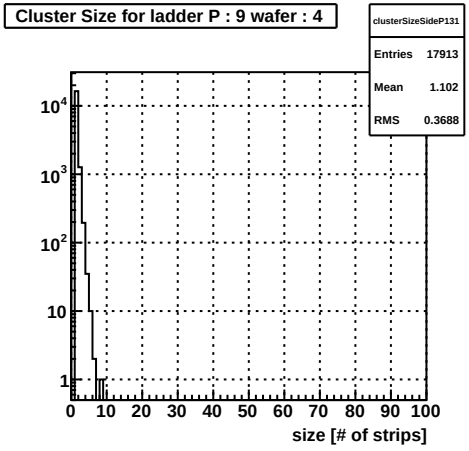

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 12919
Mean 1.269
RMS 0.5643
size [# of strips]

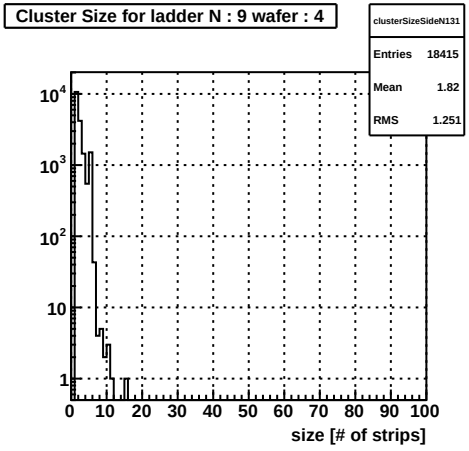

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 26912
Mean 1.37
RMS 0.7285
size [# of strips]

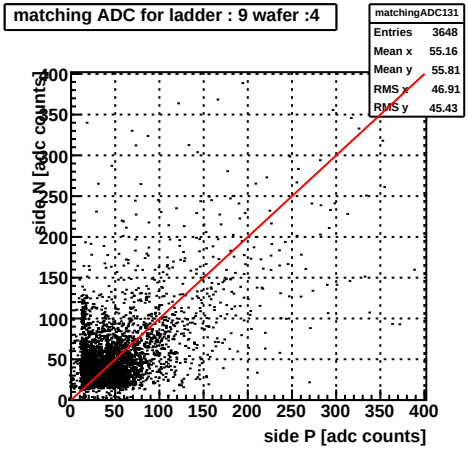

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 10200
Mean x 79.33
Mean y 74.83
RMS x 57.49
RMS y 53.54
side N [adc counts]
side P [adc counts]

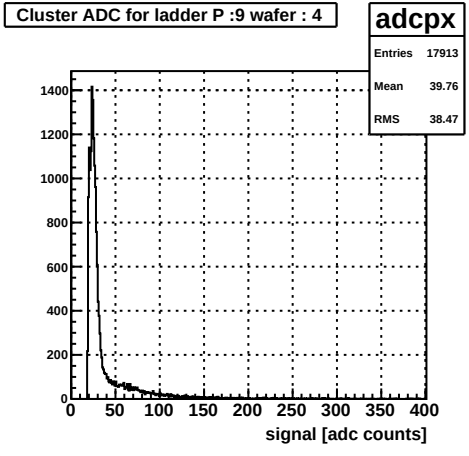

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 12919
Mean 86.69
RMS 63.15
signal [adc counts]

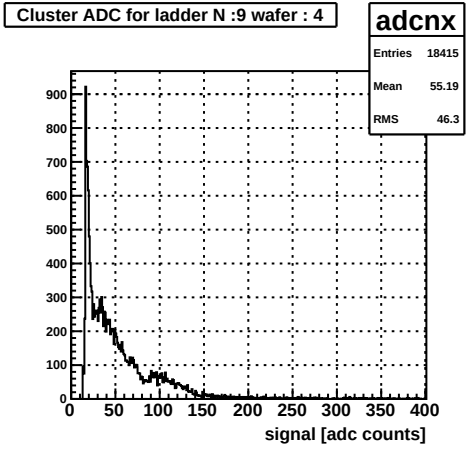

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 26912
Mean 46.6
RMS 48.46
signal [adc counts]

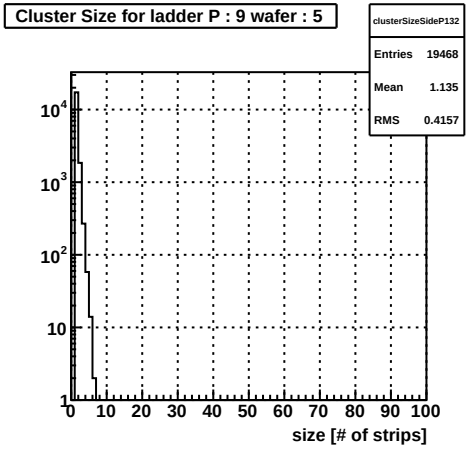

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17913
Mean 1.102
RMS 0.3688
size [# of strips]

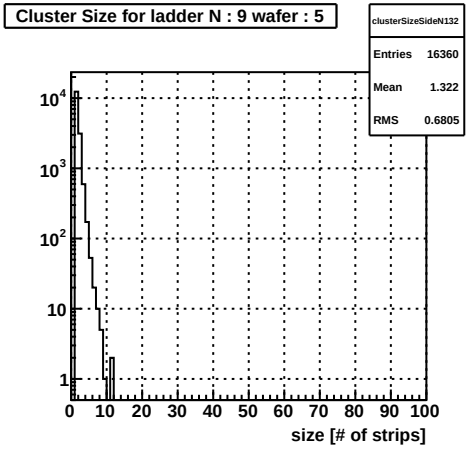

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 18415
Mean 1.82
RMS 1.251
size [# of strips]

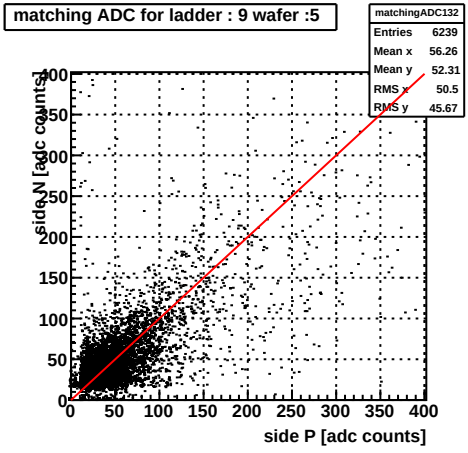

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3648
Mean x 55.16
Mean y 55.81
RMS x 46.91
RMS y 45.43
side N [adc counts]
side P [adc counts]

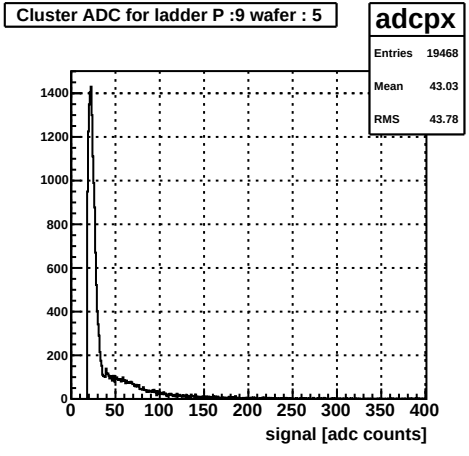

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17913
Mean 39.76
RMS 38.47
signal [adc counts]

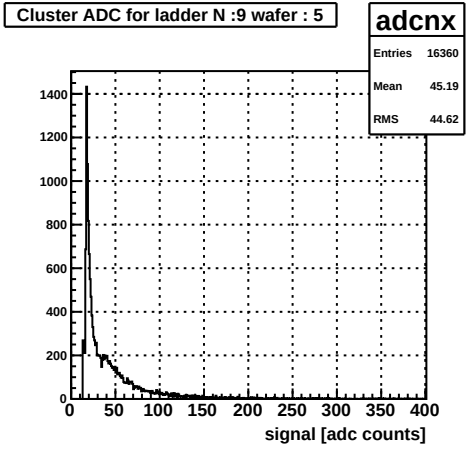

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 18415
Mean 55.19
RMS 46.3
signal [adc counts]

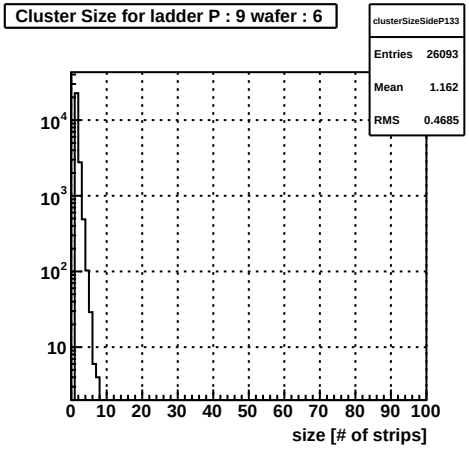

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19468
Mean 1.135
RMS 0.4157
size [# of strips]

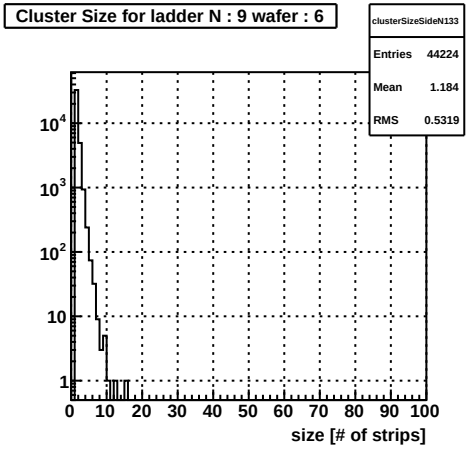

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 16360
Mean 1.322
RMS 0.6805
size [# of strips]

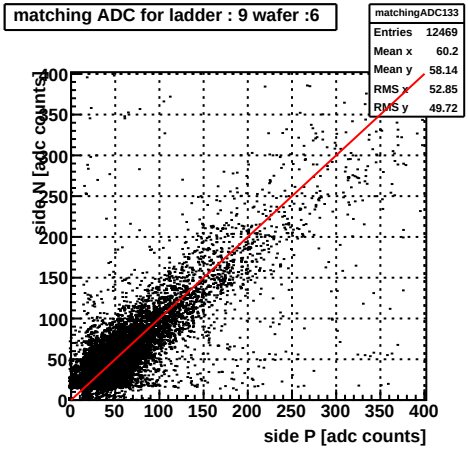

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6239
Mean x 56.26
Mean y 52.31
RMS x 50.5
RMS y 45.67
side N [adc counts]
side P [adc counts]

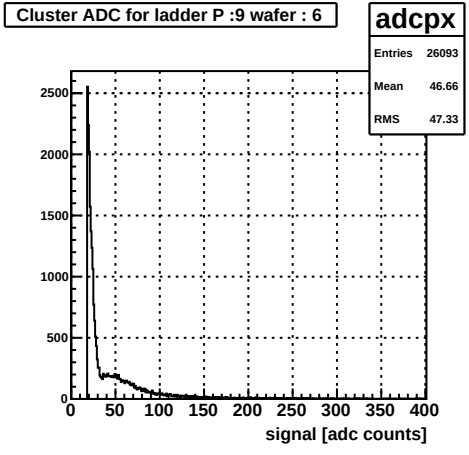

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19468
Mean 43.03
RMS 43.78
signal [adc counts]

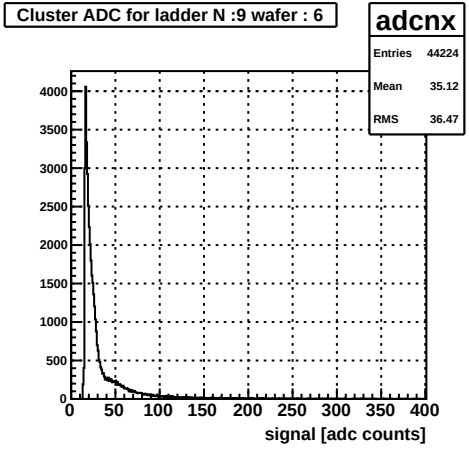

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 16360
Mean 45.19
RMS 44.62
signal [adc counts]

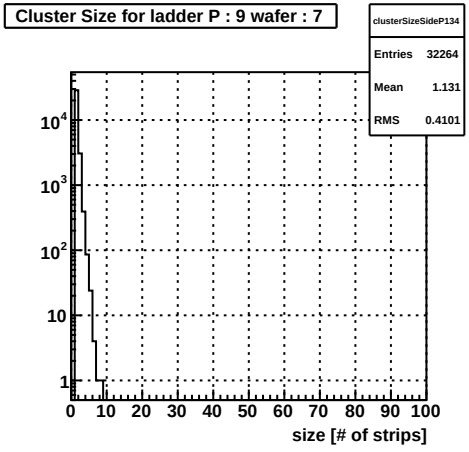

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26093
Mean 1.162
RMS 0.4685
size [# of strips]

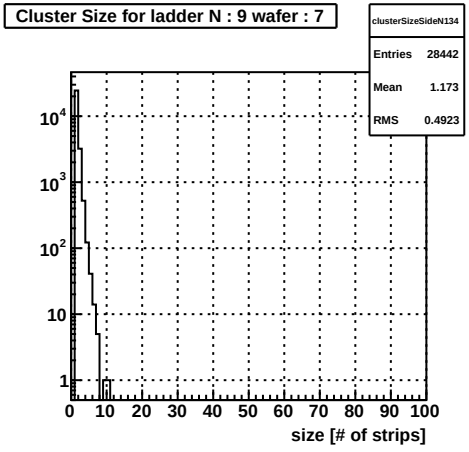

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 44224
Mean 1.184
RMS 0.5319
size [# of strips]

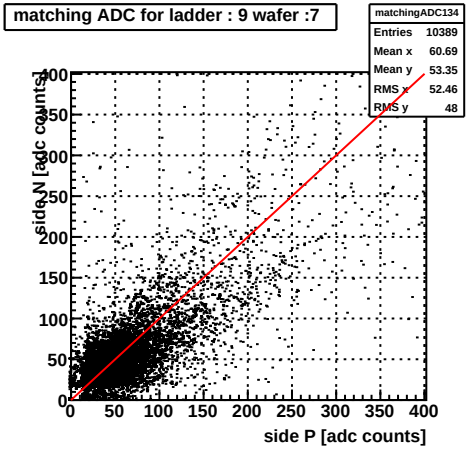

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 12469
Mean x 60.2
Mean y 58.14
RMS x 52.85
RMS y 49.72
side N [adc counts]
side P [adc counts]

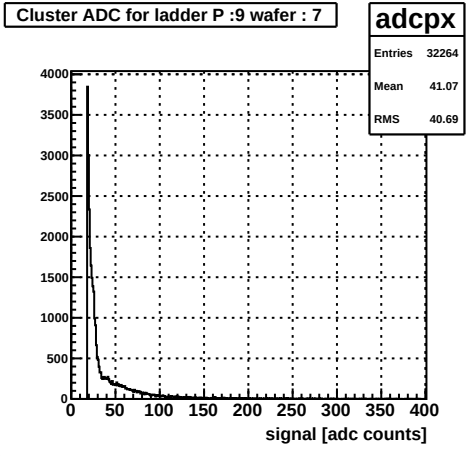

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26093
Mean 46.66
RMS 47.33
signal [adc counts]

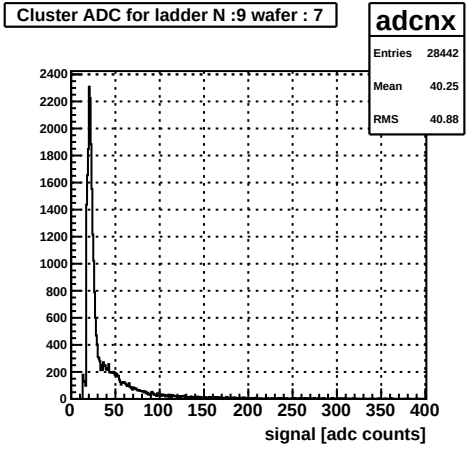

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 44224
Mean 35.12
RMS 36.47
signal [adc counts]

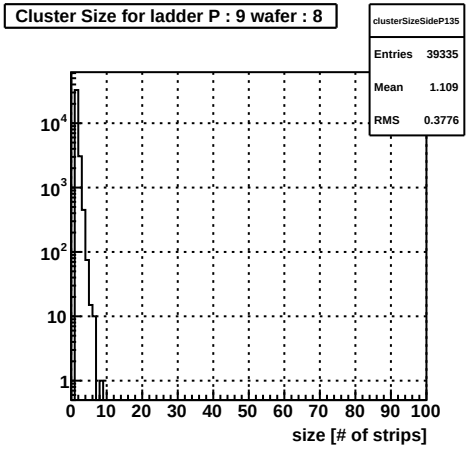

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32264
Mean 1.131
RMS 0.4101
size [# of strips]

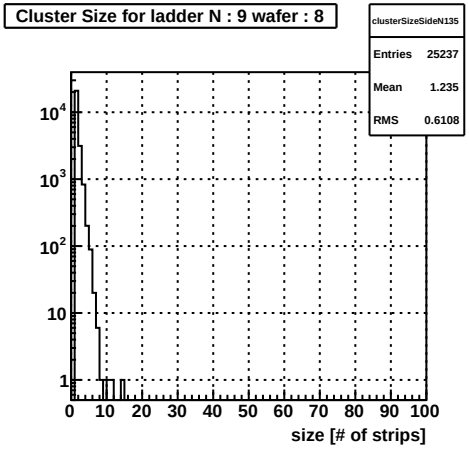

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 28442
Mean 1.173
RMS 0.4923
size [# of strips]

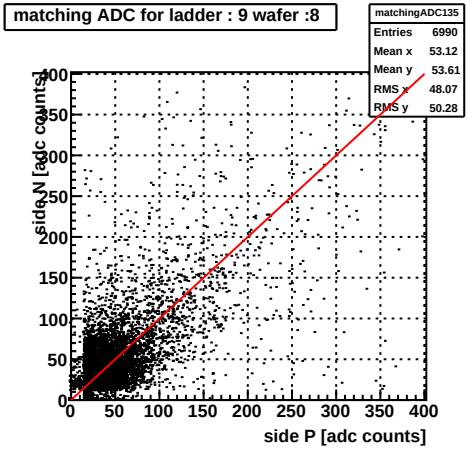

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 10389
Mean x 60.69
Mean y 53.35
RMS x 52.46
RMS y 48
side N [adc counts]
side P [adc counts]

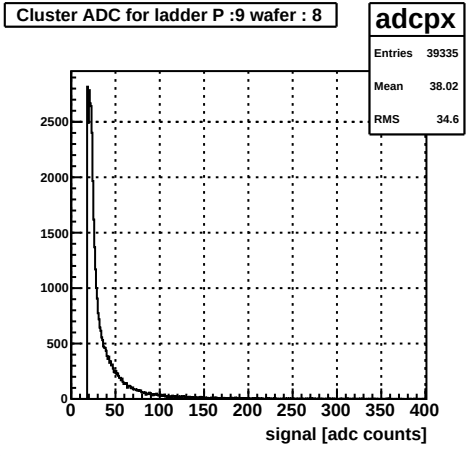

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32264
Mean 41.07
RMS 40.69
signal [adc counts]

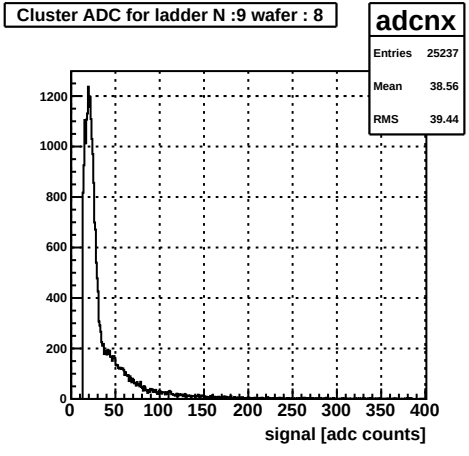

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 28442
Mean 40.25
RMS 40.88
signal [adc counts]

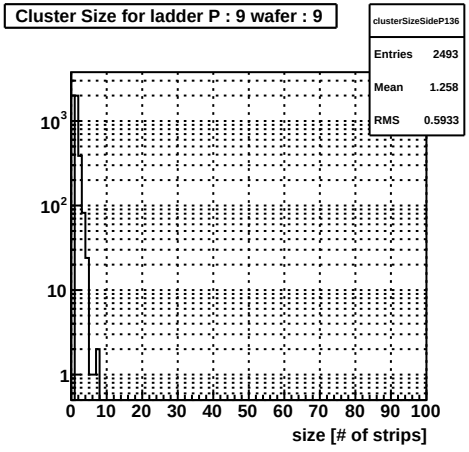

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 39335
Mean 1.109
RMS 0.3776
size [# of strips]

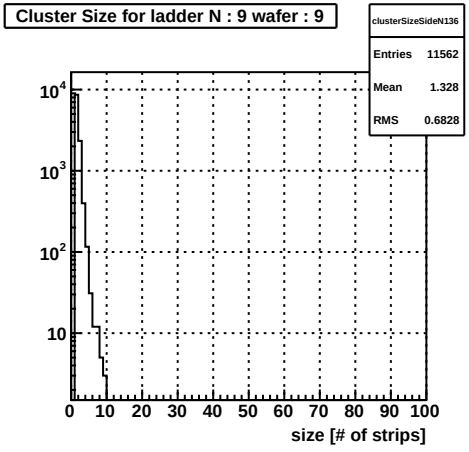

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 25237
Mean 1.235
RMS 0.6108
size [# of strips]

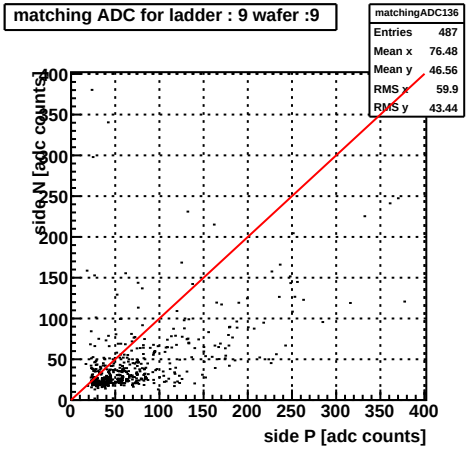

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 6990
Mean x 53.12
Mean y 53.61
RMS x 48.07
RMS y 50.28
side N [adc counts]
side P [adc counts]

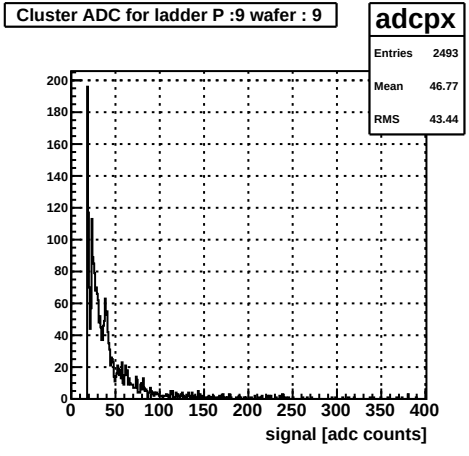

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 39335
Mean 38.02
RMS 34.6
signal [adc counts]

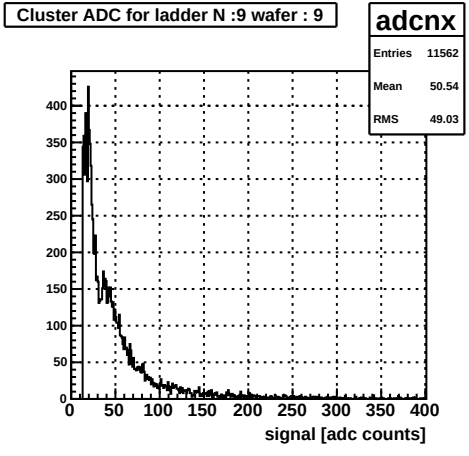

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 25237
Mean 38.56
RMS 39.44
signal [adc counts]

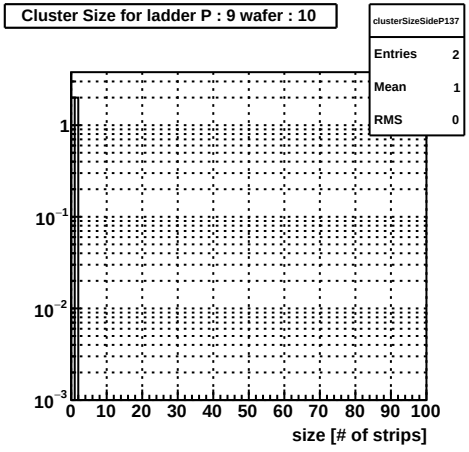

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2493
Mean 1.258
RMS 0.5933
size [# of strips]

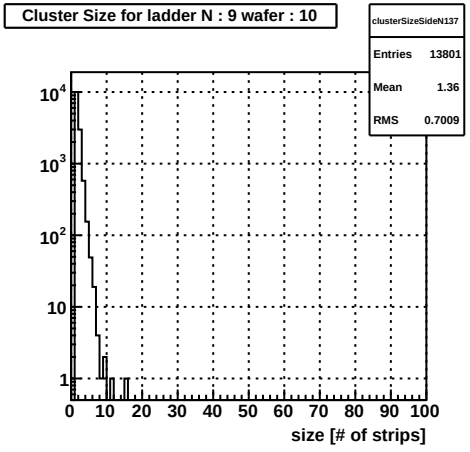

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 11562
Mean 1.328
RMS 0.6828
size [# of strips]

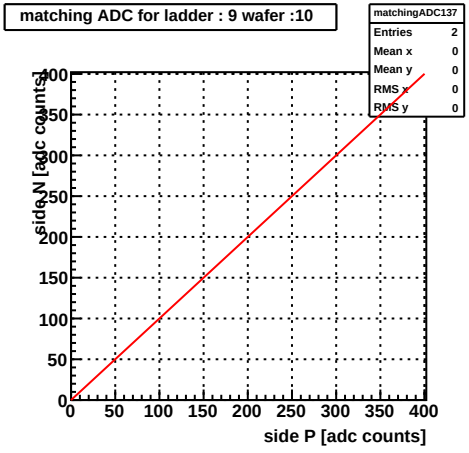

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 487
Mean x 76.48
Mean y 46.56
RMS x 59.9
RMS y 43.44
side N [adc counts]
side P [adc counts]

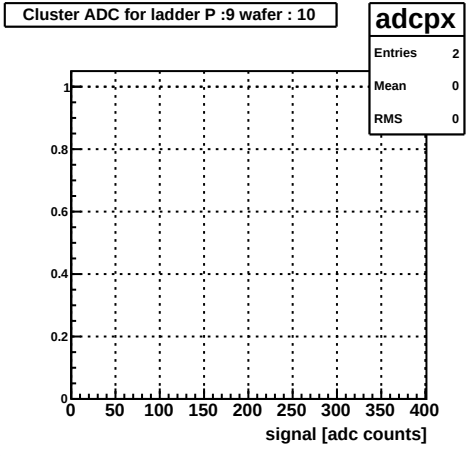

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2493
Mean 46.77
RMS 43.44
signal [adc counts]

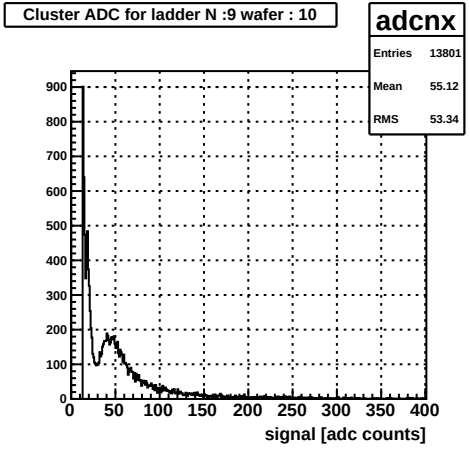

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 11562
Mean 50.54
RMS 49.03
signal [adc counts]

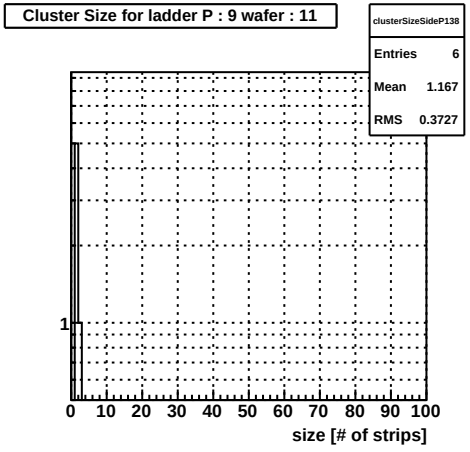

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

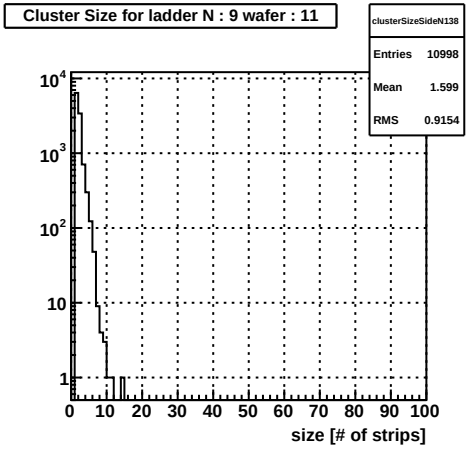

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13801
Mean 1.36
RMS 0.7009
size [# of strips]

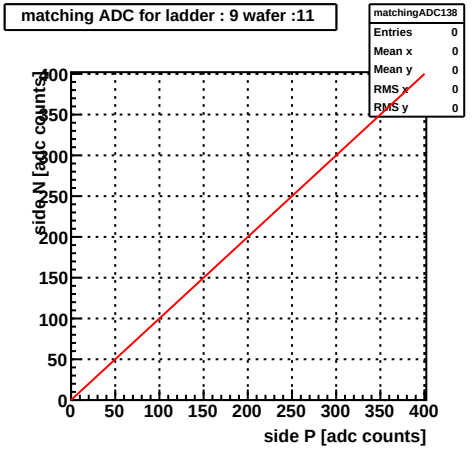

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

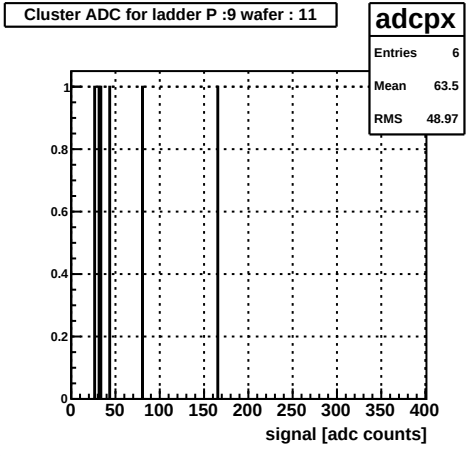

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

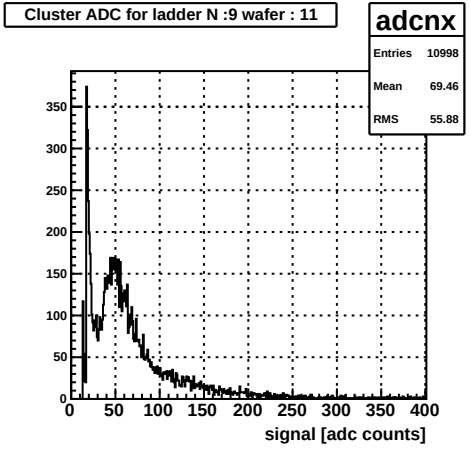

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13801
Mean 55.12
RMS 53.34
signal [adc counts]

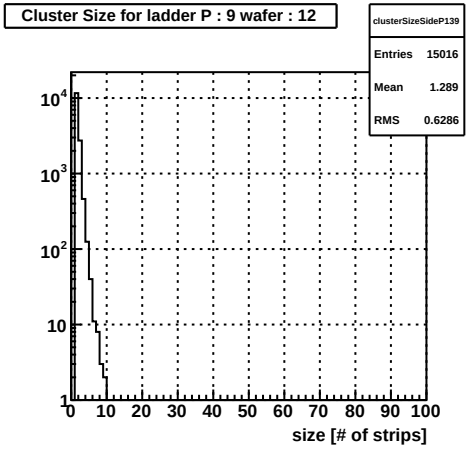

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

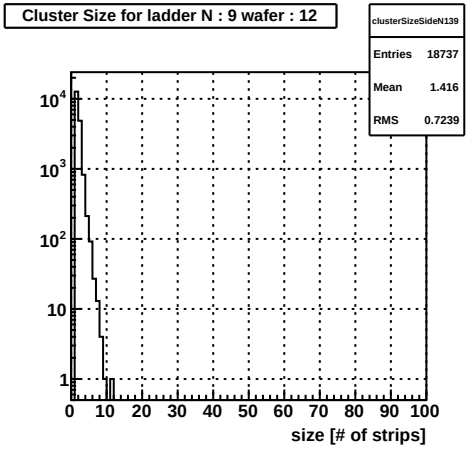

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 10998
Mean 1.599
RMS 0.9154
size [# of strips]

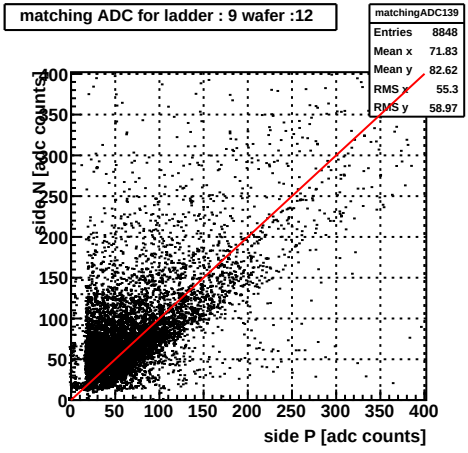

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

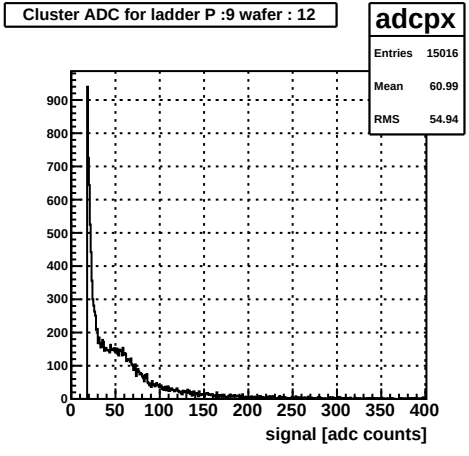

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 6
Mean 63.5
RMS 48.97
signal [adc counts]

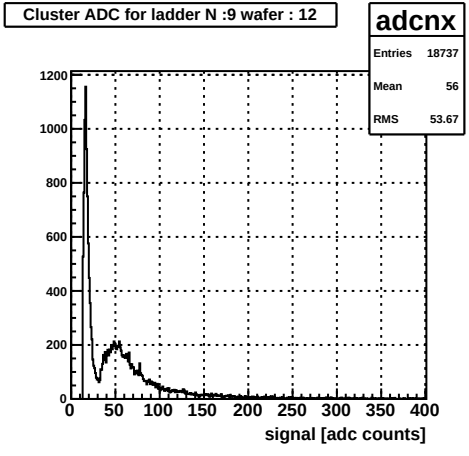

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 10998
Mean 69.46
RMS 55.88
signal [adc counts]

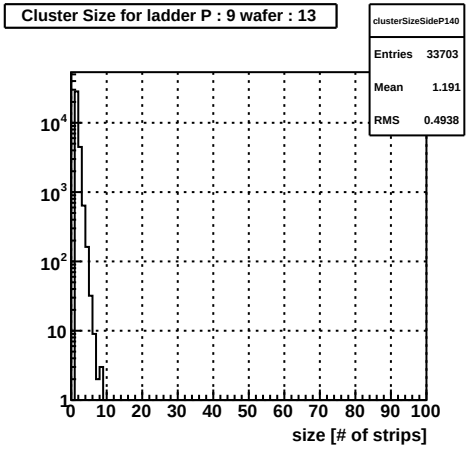

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 15016
Mean 1.289
RMS 0.6286
size [# of strips]

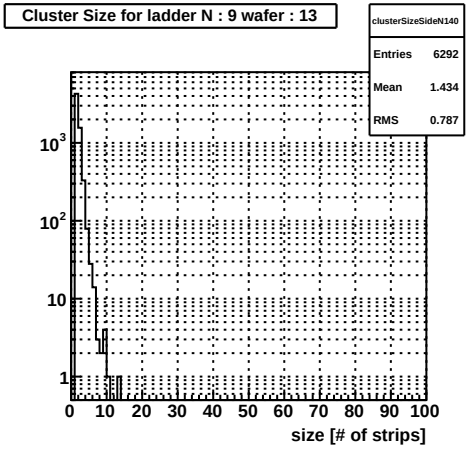

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 18737
Mean 1.416
RMS 0.7239
size [# of strips]

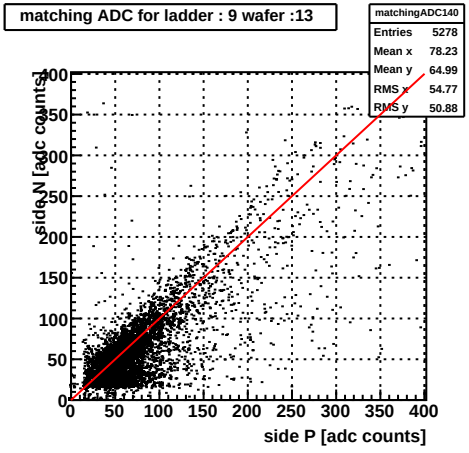

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 8848
Mean x 71.83
Mean y 82.62
RMS x 55.3
RMS y 58.97
side N [adc counts]
side P [adc counts]

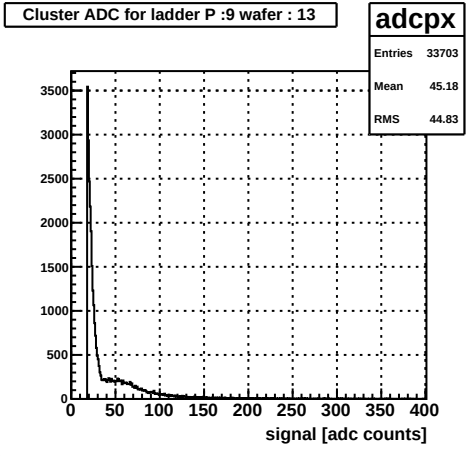

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 15016
Mean 60.99
RMS 54.94
signal [adc counts]

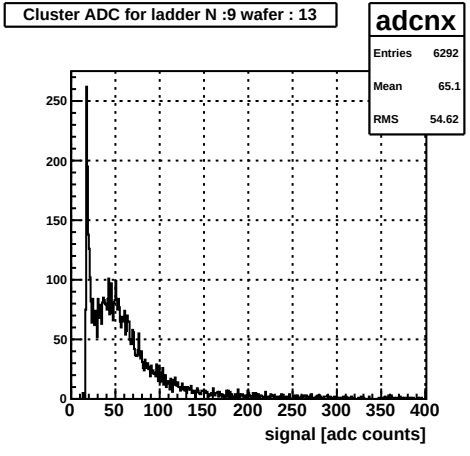

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 18737
Mean 56
RMS 53.67
signal [adc counts]

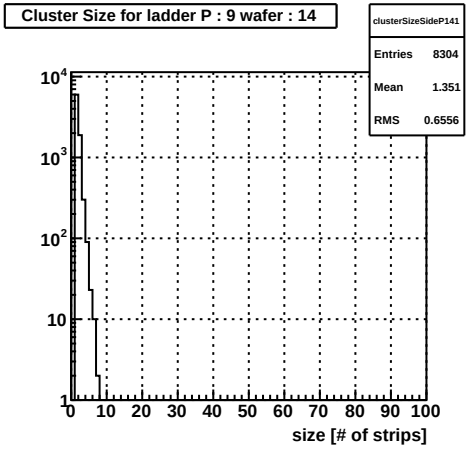

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 33703
Mean 1.191
RMS 0.4938
size [# of strips]

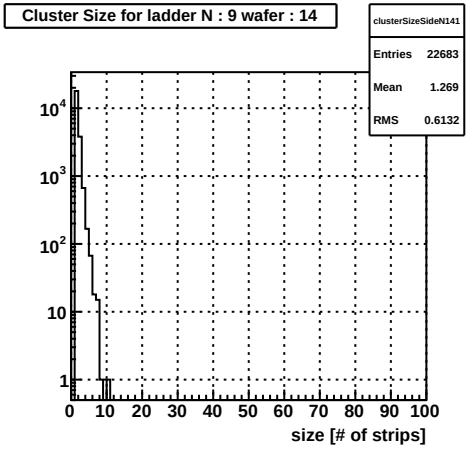

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6292
Mean 1.434
RMS 0.787
size [# of strips]

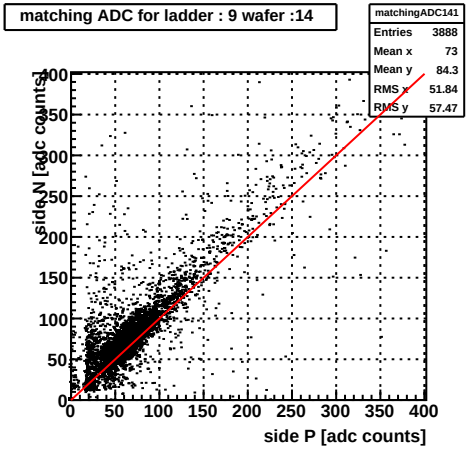

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5278
Mean x 78.23
Mean y 64.99
RMS x 54.77
RMS y 50.88
side N [adc counts]
side P [adc counts]

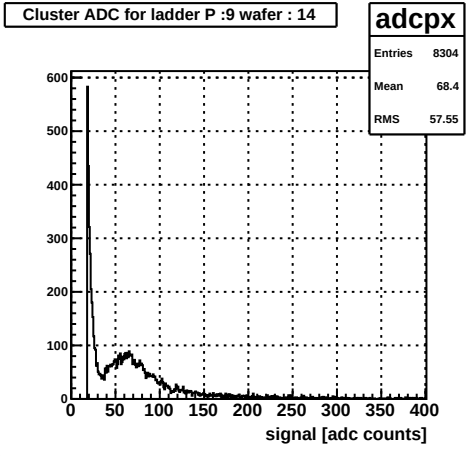

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 33703
Mean 45.18
RMS 44.83
signal [adc counts]

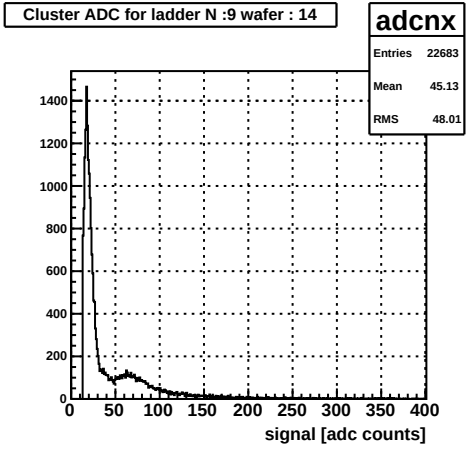

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6292
Mean 65.1
RMS 54.62
signal [adc counts]

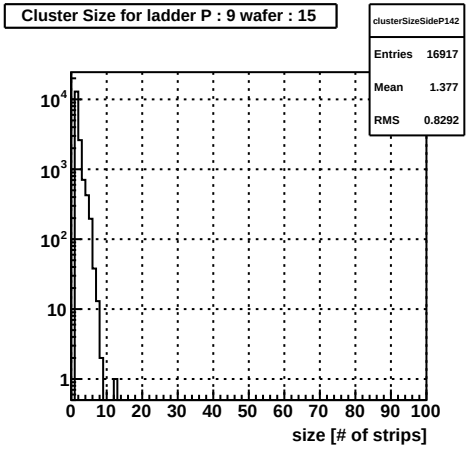

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8304
Mean 1.351
RMS 0.6556
size [# of strips]

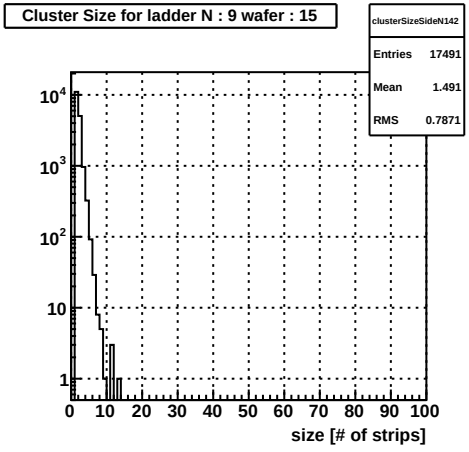

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 22683
Mean 1.269
RMS 0.6132
size [# of strips]

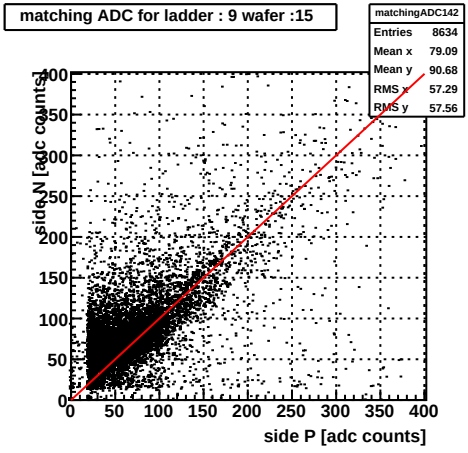

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 3888
Mean x 73
Mean y 84.3
RMS x 51.84
RMS y 57.47
side N [adc counts]
side P [adc counts]

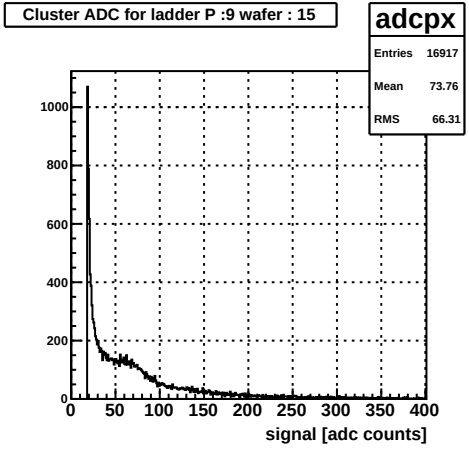

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8304
Mean 68.4
RMS 57.55
signal [adc counts]

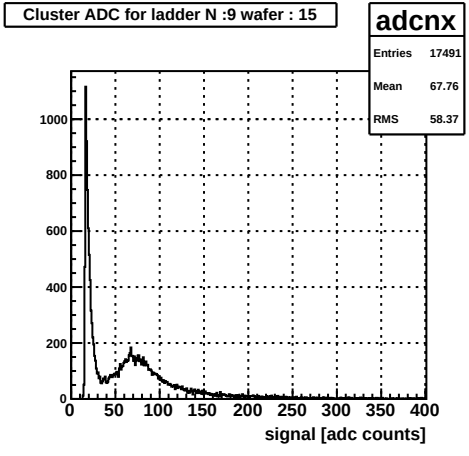

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 22683
Mean 45.13
RMS 48.01
signal [adc counts]

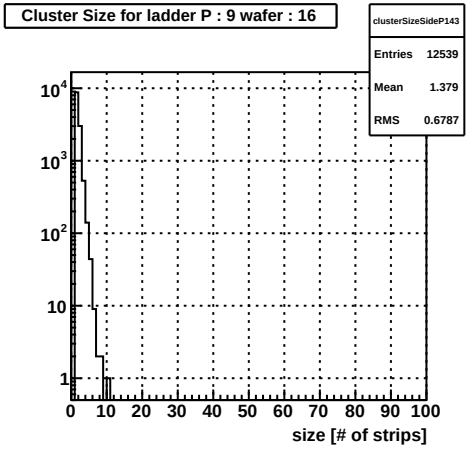

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 16917
Mean 1.377
RMS 0.8292
size [# of strips]

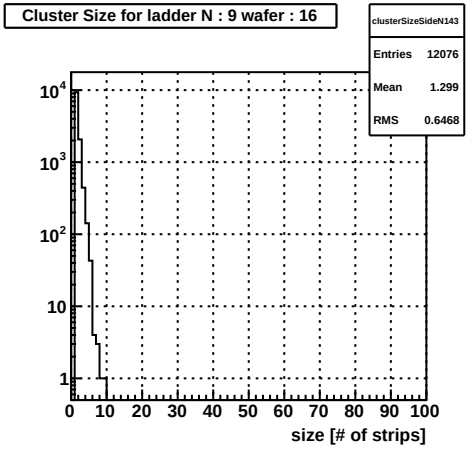

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 17491
Mean 1.491
RMS 0.7871
size [# of strips]

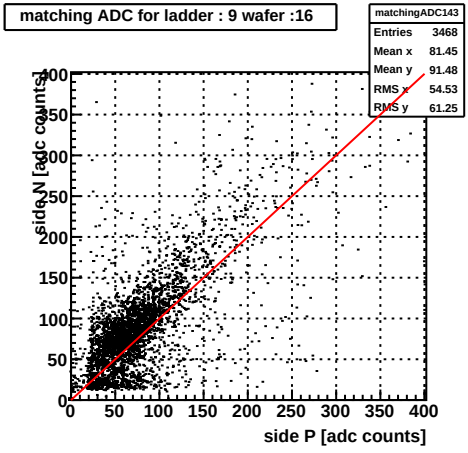

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 8634
Mean x 79.09
Mean y 90.68
RMS x 57.29
RMS y 57.56
side N [adc counts]
side P [adc counts]

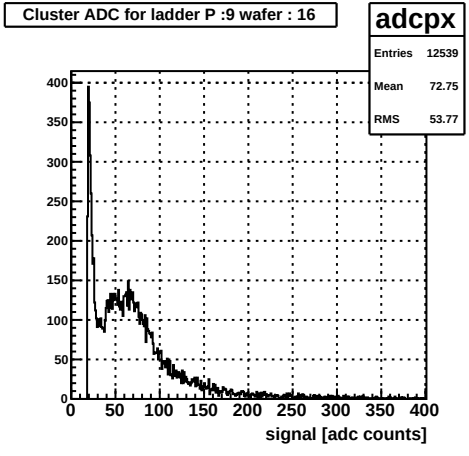

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 16917
Mean 73.76
RMS 66.31
signal [adc counts]

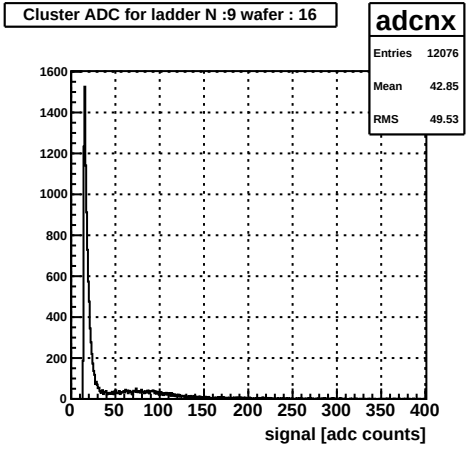

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 17491
Mean 67.76
RMS 58.37
signal [adc counts]

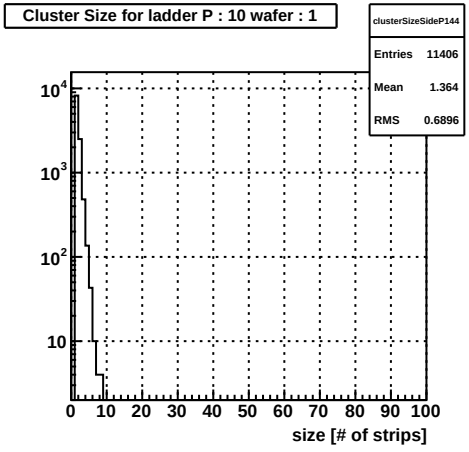

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12539
Mean 1.379
RMS 0.6787
size [# of strips]

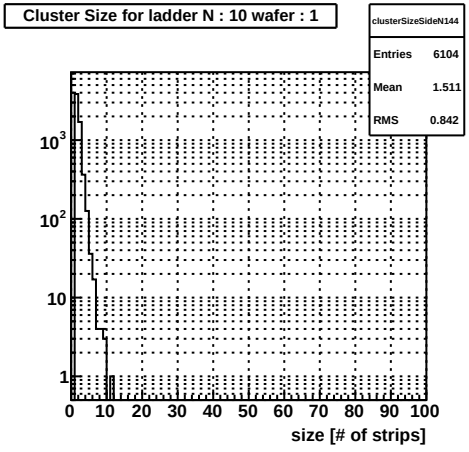

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 12076
Mean 1.299
RMS 0.6468
size [# of strips]

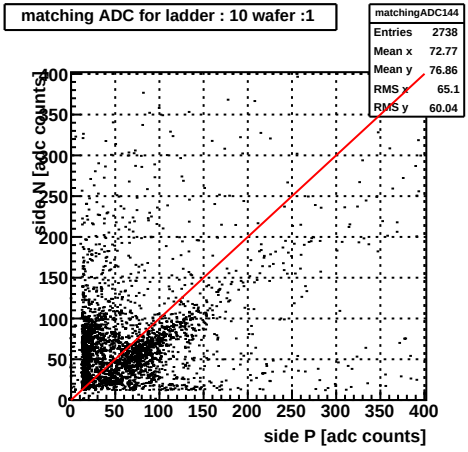

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3468
Mean x 81.45
Mean y 91.48
RMS x 54.53
RMS y 61.25
side N [adc counts]
side P [adc counts]

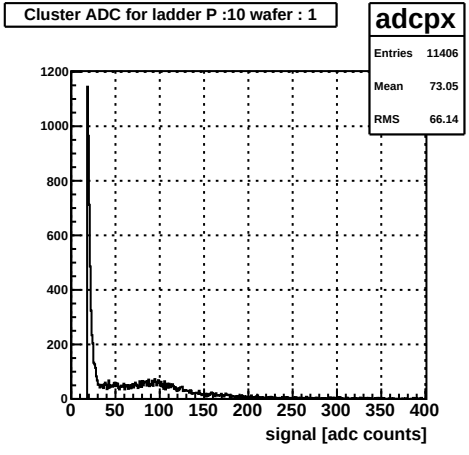

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12539
Mean 72.75
RMS 53.77
signal [adc counts]

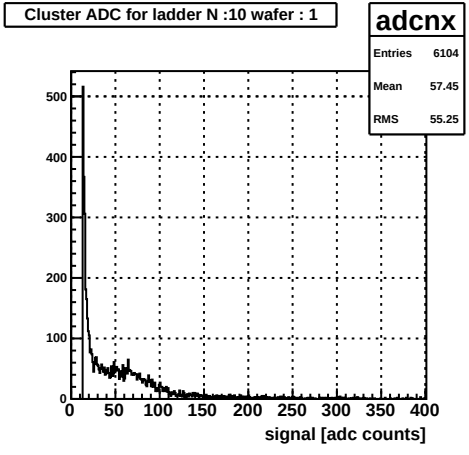

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 12076
Mean 42.85
RMS 49.53
signal [adc counts]

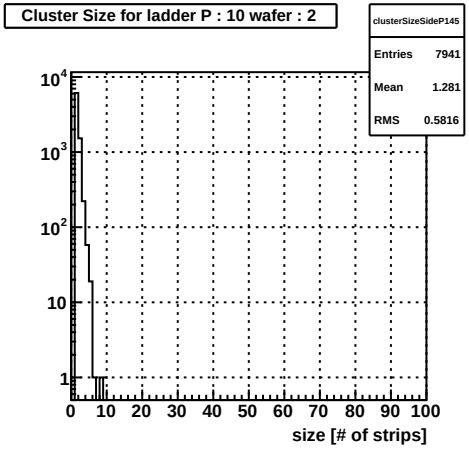

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 11406
Mean 1.364
RMS 0.6896
size [# of strips]

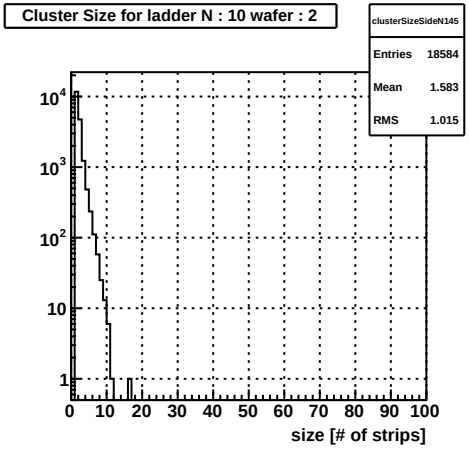

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 6104
Mean 1.511
RMS 0.842
size [# of strips]

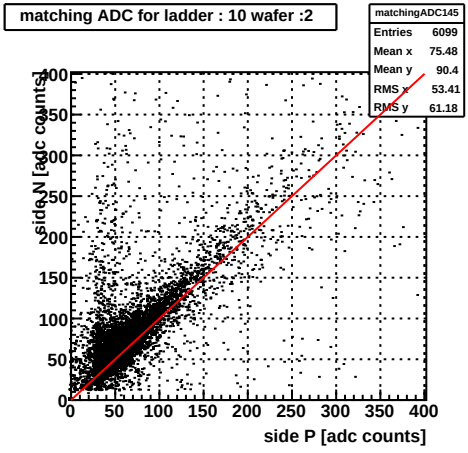

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2738
Mean x 72.77
Mean y 76.86
RMS x 65.1
RMS y 60.04
side N [adc counts]
side P [adc counts]

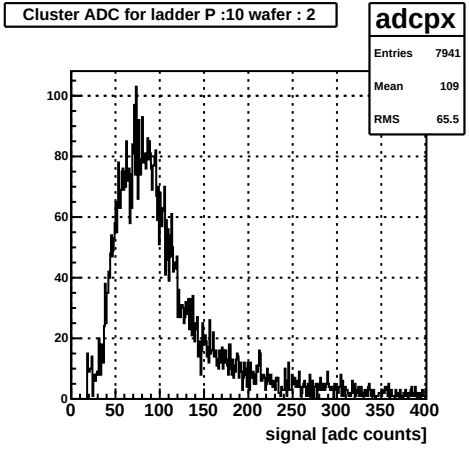

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 11406
Mean 73.05
RMS 66.14
signal [adc counts]

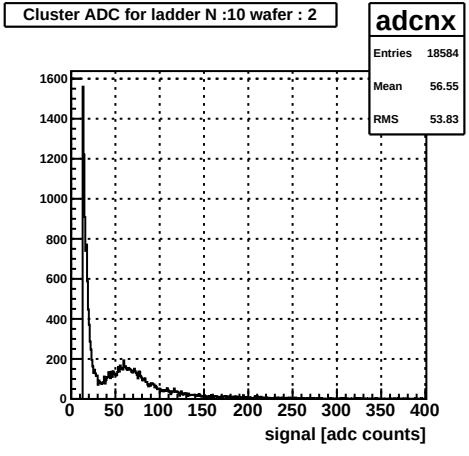

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 6104
Mean 57.45
RMS 55.25
signal [adc counts]

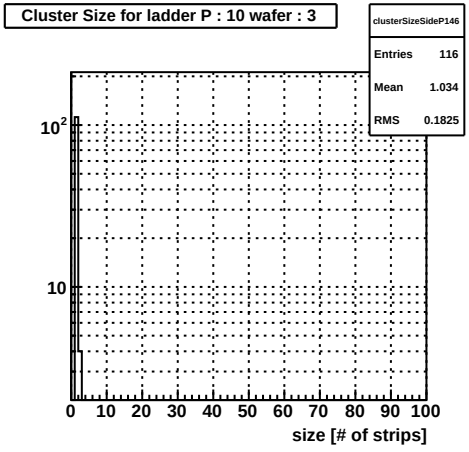

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 7941
Mean 1.281
RMS 0.5816
size [# of strips]

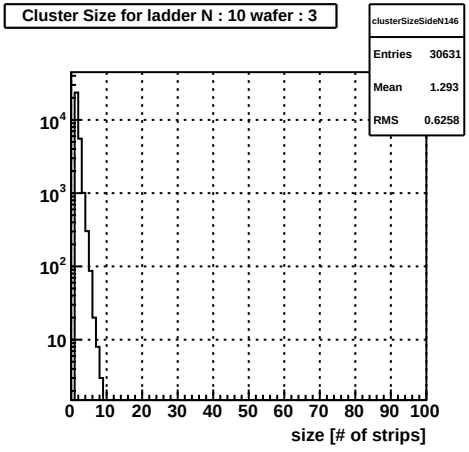

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 18584
Mean 1.583
RMS 1.015
size [# of strips]

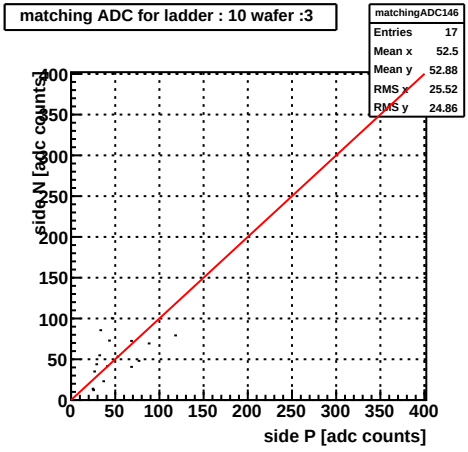

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 6099
Mean x 75.48
Mean y 90.4
RMS x 53.41
RMS y 61.18
side N [adc counts]
side P [adc counts]

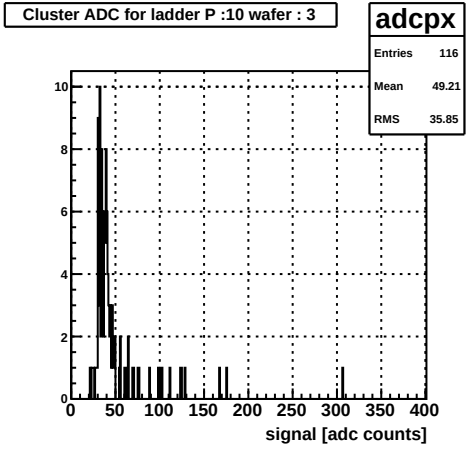

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 7941
Mean 109
RMS 65.5
signal [adc counts]

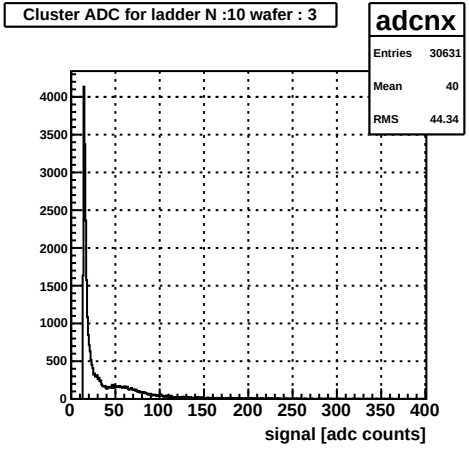

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 18584
Mean 56.55
RMS 53.83
signal [adc counts]

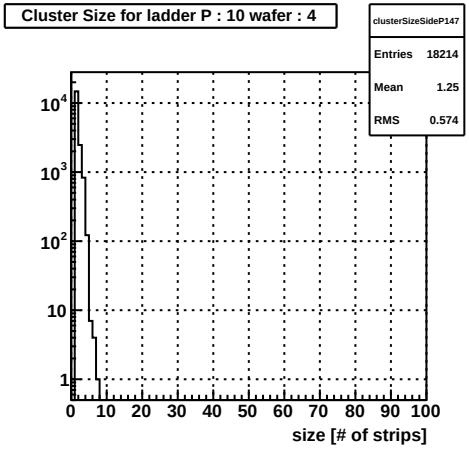

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 116
Mean 1.034
RMS 0.1825
size [# of strips]

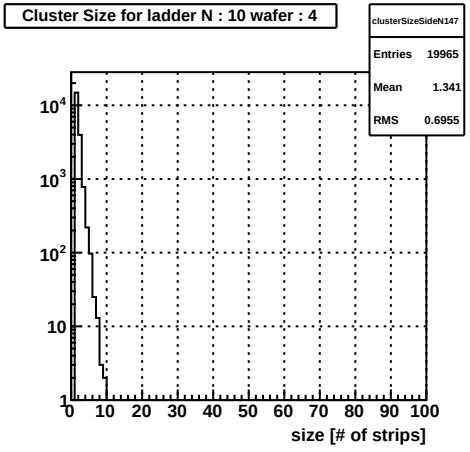

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 30631
Mean 1.293
RMS 0.6258
size [# of strips]

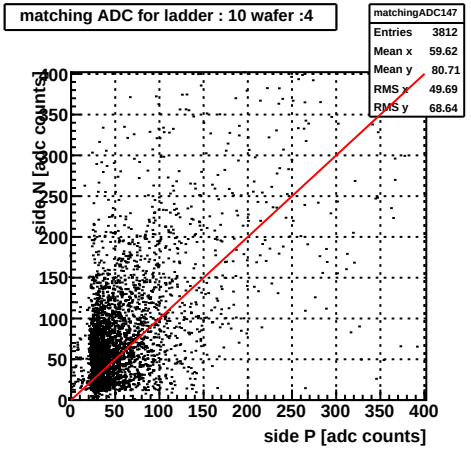

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 17
Mean x 52.5
Mean y 52.88
RMS x 25.52
RMS y 24.86
side N [adc counts]
side P [adc counts]

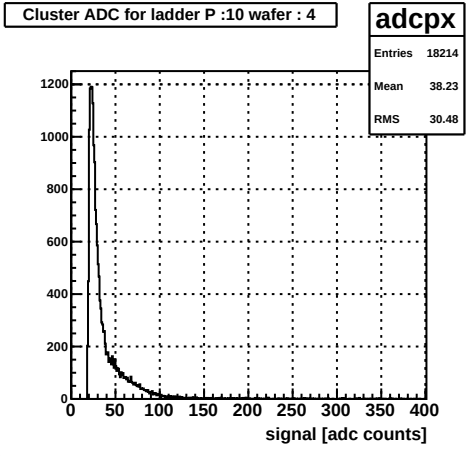

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 116
Mean 49.21
RMS 35.85
signal [adc counts]

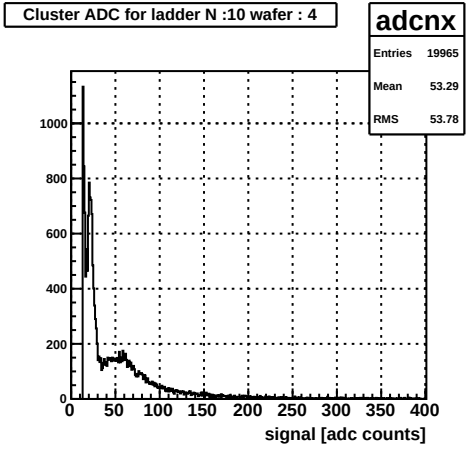

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 30631
Mean 40
RMS 44.34
signal [adc counts]

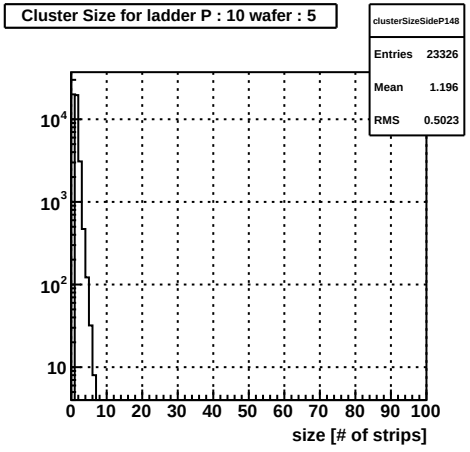

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18214
Mean 1.25
RMS 0.574
size [# of strips]

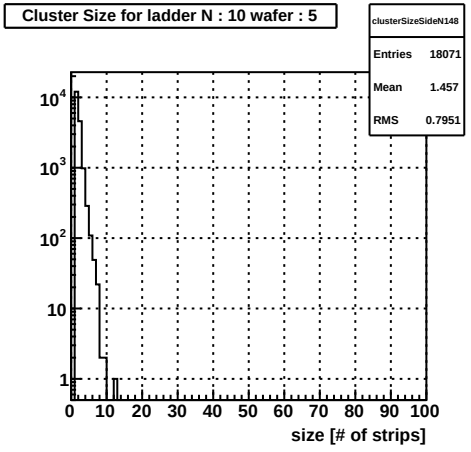

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 19965
Mean 1.341
RMS 0.6955
size [# of strips]

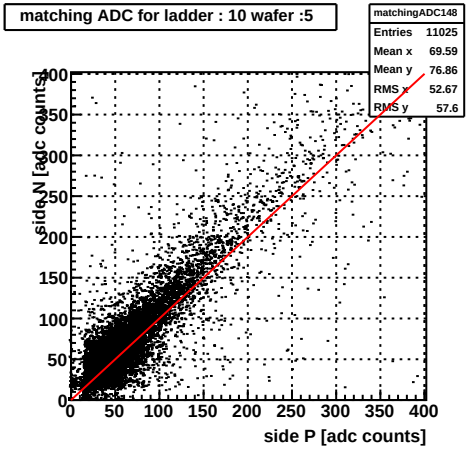

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3812
Mean x 59.62
Mean y 80.71
RMS x 49.69
RMS y 68.64
side N [adc counts]
side P [adc counts]

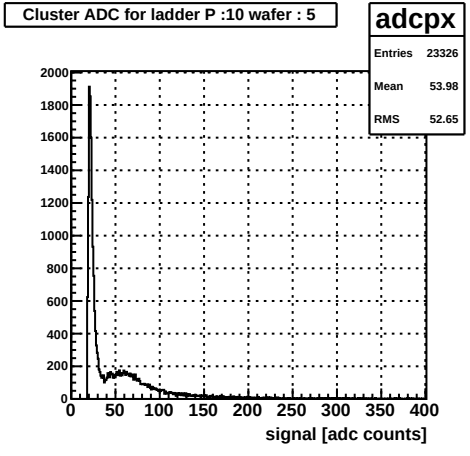

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18214
Mean 38.23
RMS 30.48
signal [adc counts]

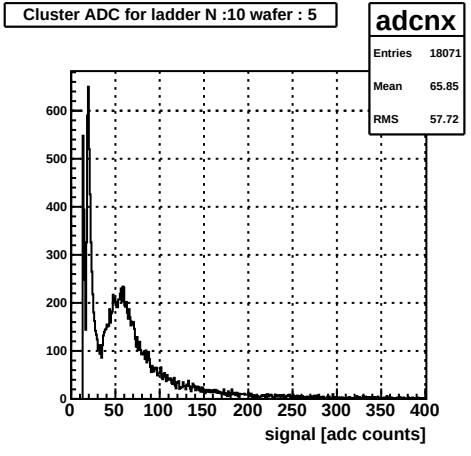

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 19965
Mean 53.29
RMS 53.78
signal [adc counts]

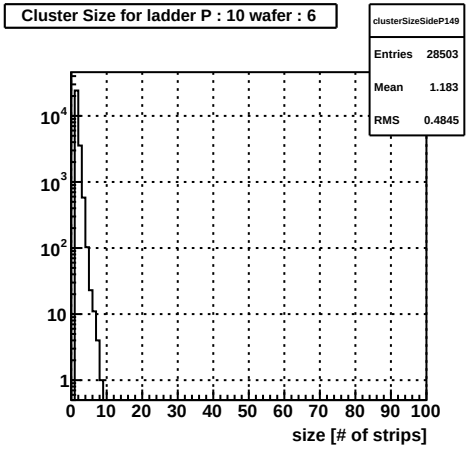

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 23326
Mean 1.196
RMS 0.5023
size [# of strips]

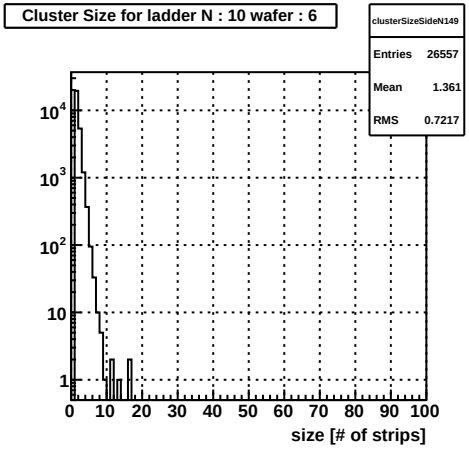

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 18071
Mean 1.457
RMS 0.7951
size [# of strips]

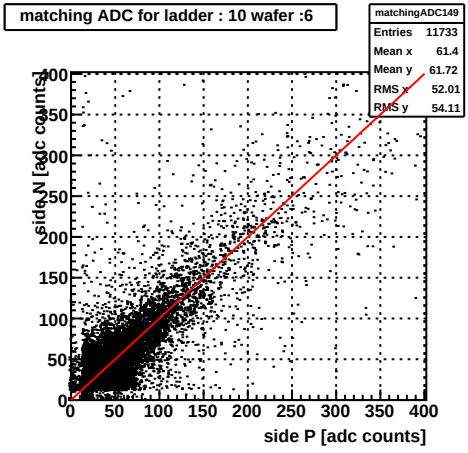

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 11025
Mean x 69.59
Mean y 76.86
RMS x 52.67
RMS y 57.6
side N [adc counts]
side P [adc counts]

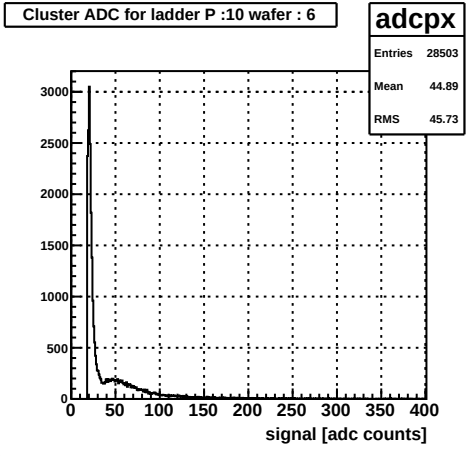

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 23326
Mean 53.98
RMS 52.65
signal [adc counts]

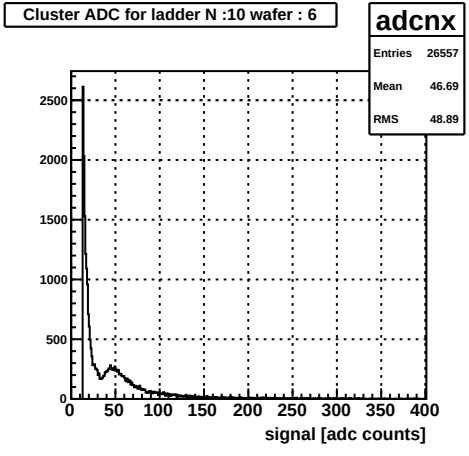

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 18071
Mean 65.85
RMS 57.72
signal [adc counts]

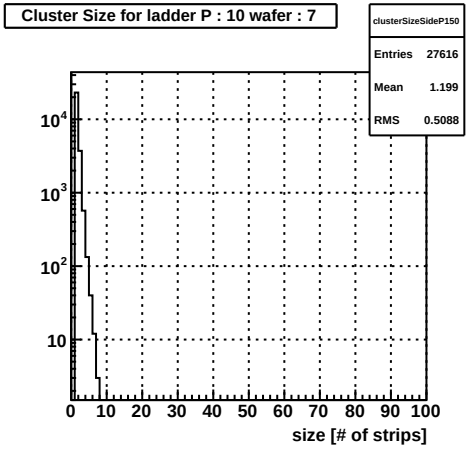

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 28503
Mean 1.183
RMS 0.4845
size [# of strips]

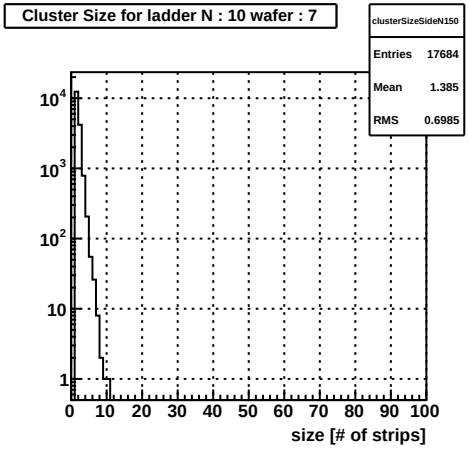

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 26557
Mean 1.361
RMS 0.7217
size [# of strips]

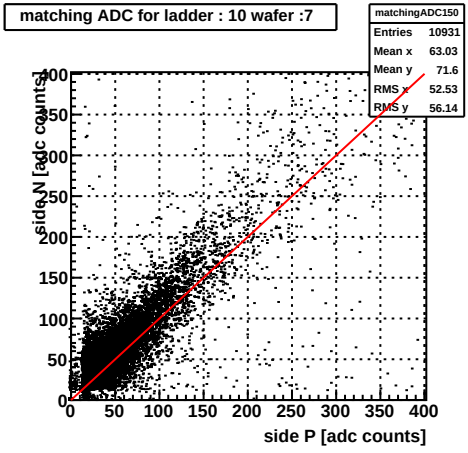

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 11733
Mean x 61.4
Mean y 61.72
RMS x 52.01
RMS y 54.11
side N [adc counts]
side P [adc counts]

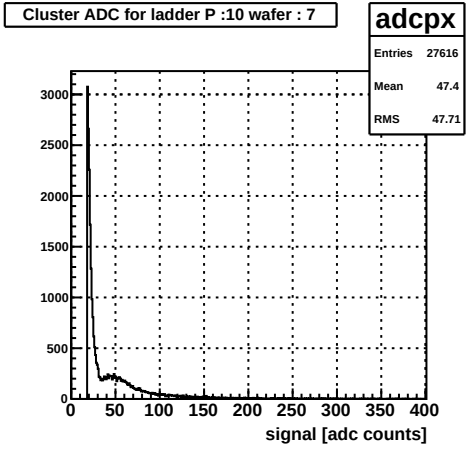

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 28503
Mean 44.89
RMS 45.73
signal [adc counts]

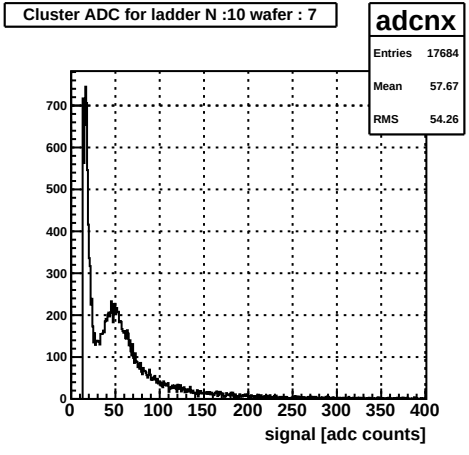

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 26557
Mean 46.69
RMS 48.89
signal [adc counts]

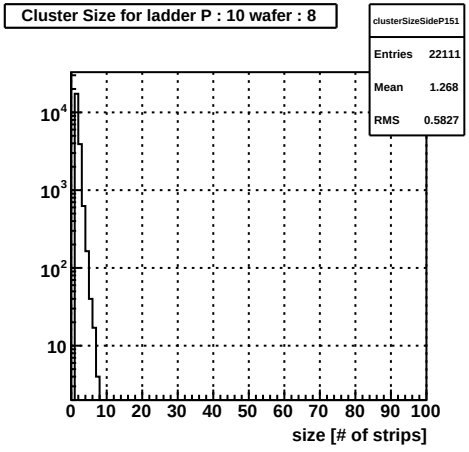

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 27616
Mean 1.199
RMS 0.5088
size [# of strips]

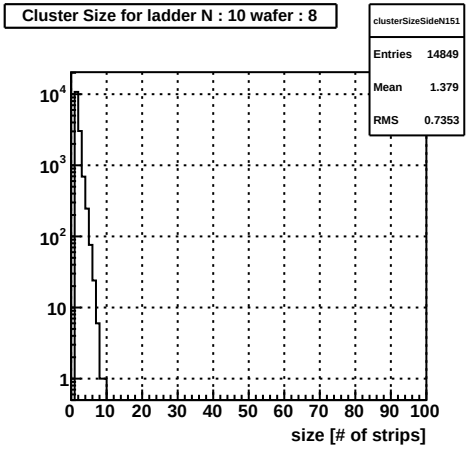

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 17684
Mean 1.385
RMS 0.6985
size [# of strips]

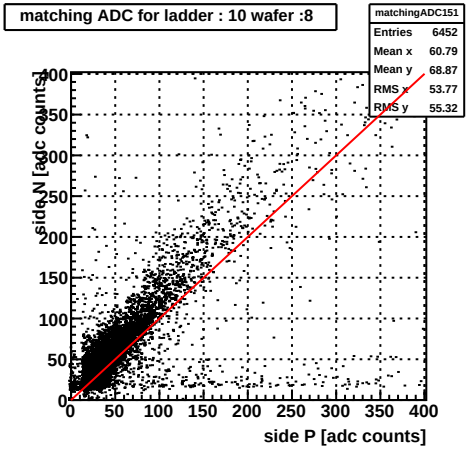

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 10931
Mean x 63.03
Mean y 71.6
RMS x 52.53
RMS y 56.14
side N [adc counts]
side P [adc counts]

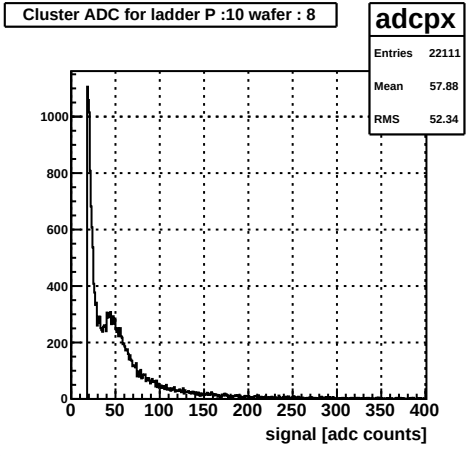

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 27616
Mean 47.4
RMS 47.71
signal [adc counts]

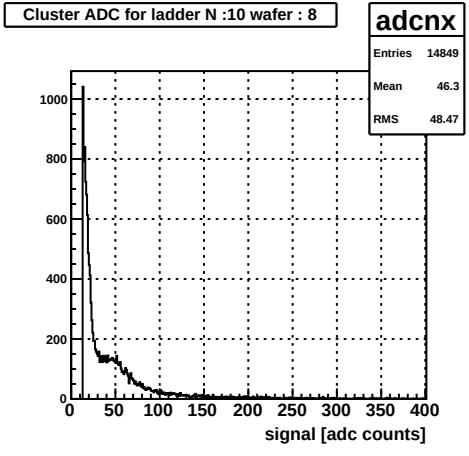

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 17684
Mean 57.67
RMS 54.26
signal [adc counts]

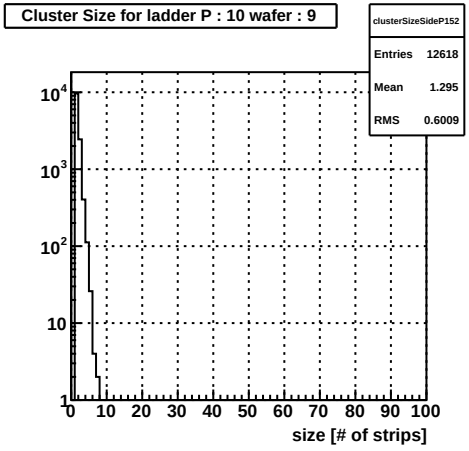

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 22111
Mean 1.268
RMS 0.5827
size [# of strips]

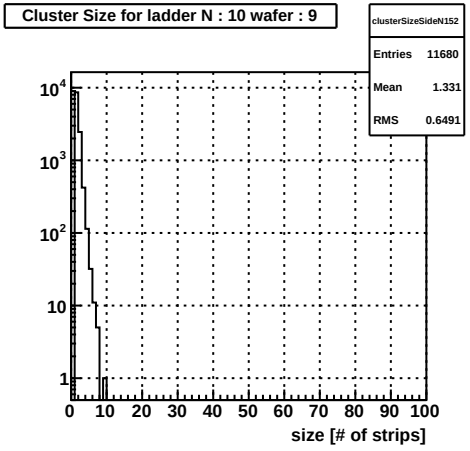

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 14849
Mean 1.379
RMS 0.7353
size [# of strips]

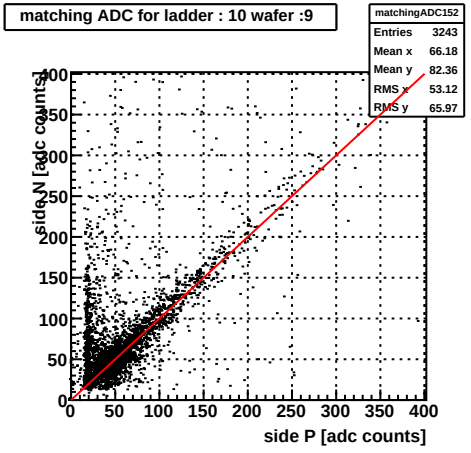

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 6452
Mean x 60.79
Mean y 68.87
RMS x 53.77
RMS y 55.32
side N [adc counts]
side P [adc counts]

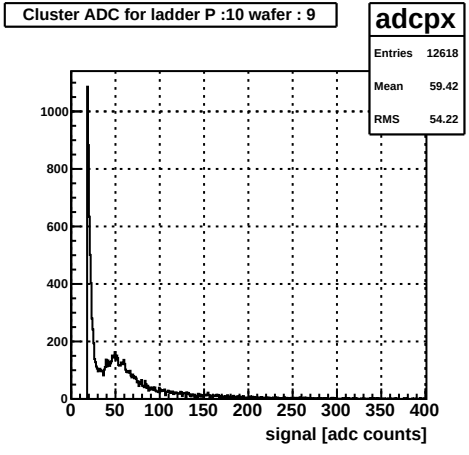

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 22111
Mean 57.88
RMS 52.34
signal [adc counts]

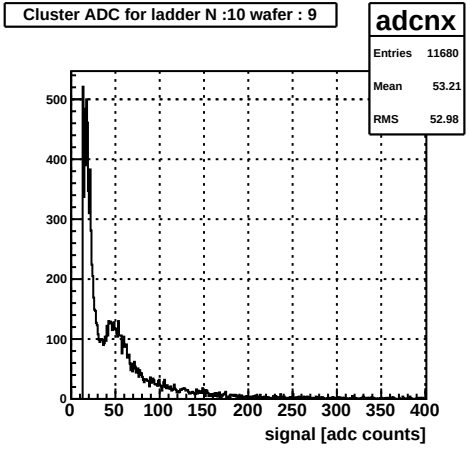

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 14849
Mean 46.3
RMS 48.47
signal [adc counts]

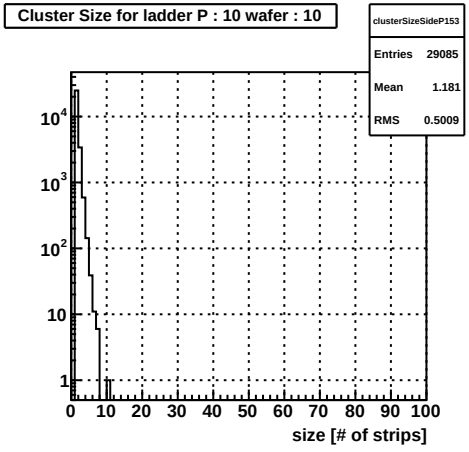

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 12618
Mean 1.295
RMS 0.6009
size [# of strips]

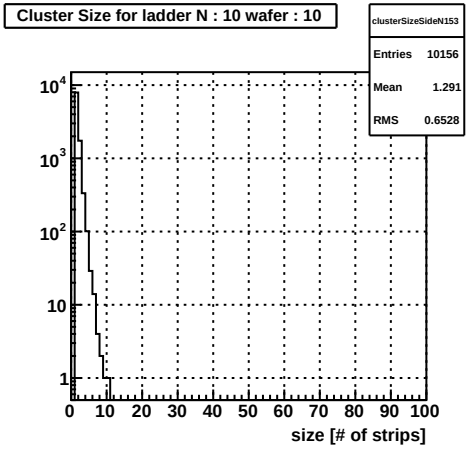

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11680
Mean 1.331
RMS 0.6491
size [# of strips]

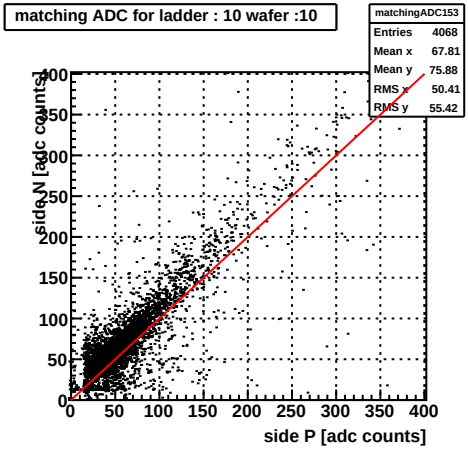

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3243
Mean x 66.18
Mean y 82.36
RMS x 53.12
RMS y 65.97
side N [adc counts]
side P [adc counts]

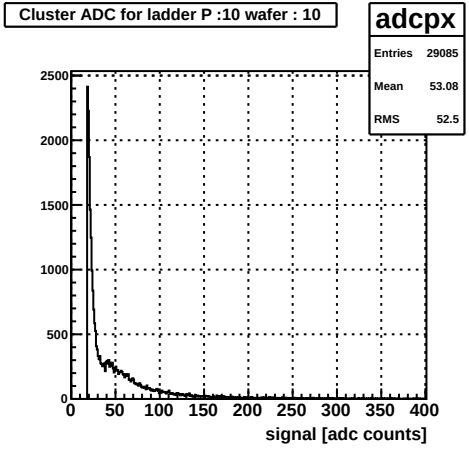

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 12618
Mean 59.42
RMS 54.22
signal [adc counts]

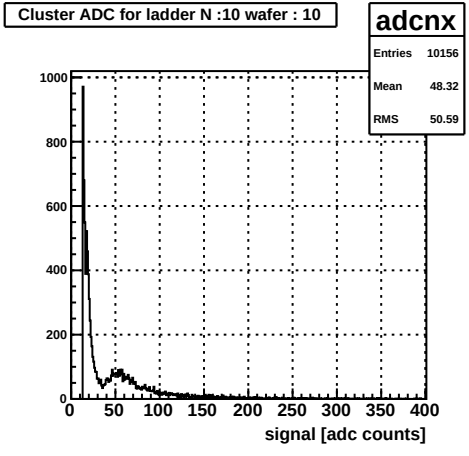

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11680
Mean 53.21
RMS 52.98
signal [adc counts]

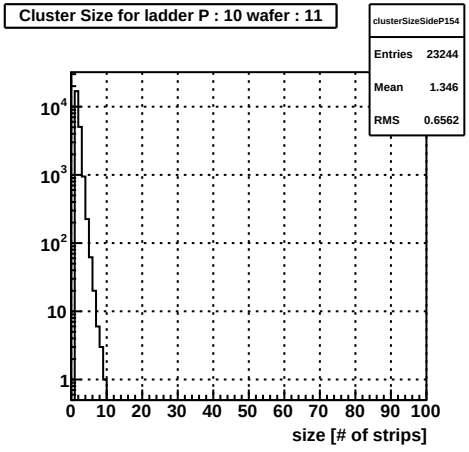

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 29085
Mean 1.181
RMS 0.5009
size [# of strips]

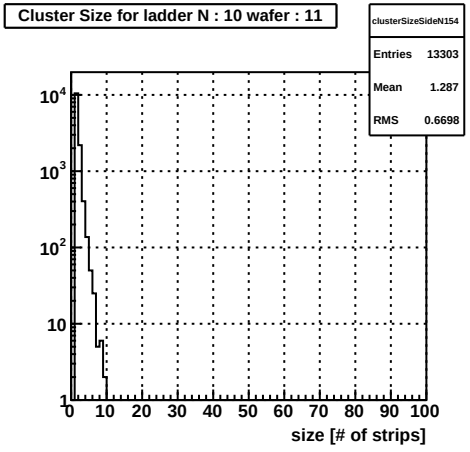

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 10156
Mean 1.291
RMS 0.6528
size [# of strips]

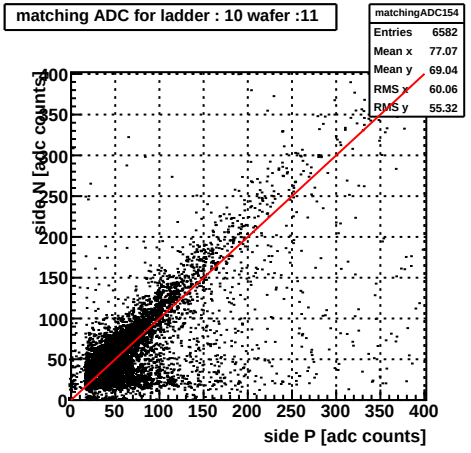

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4068
Mean x 67.81
Mean y 75.88
RMS x 50.41
RMS y 55.42
side N [adc counts]
side P [adc counts]

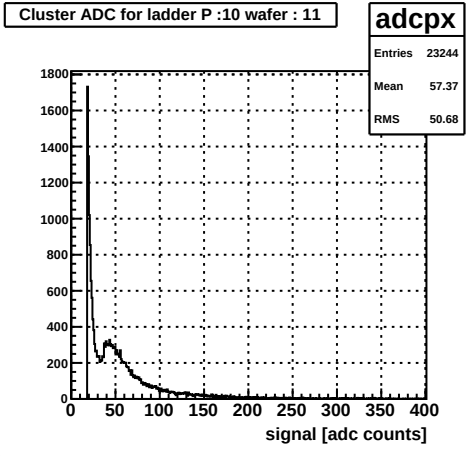

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 29085
Mean 53.08
RMS 52.5
signal [adc counts]

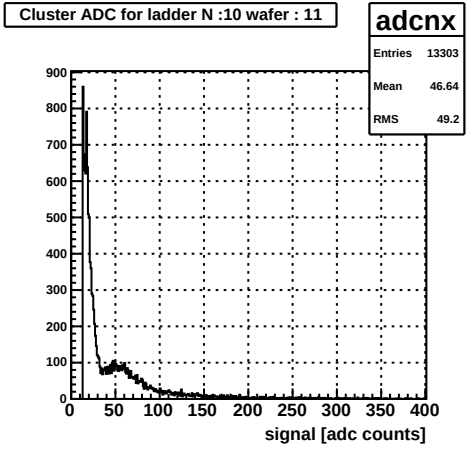

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 10156
Mean 48.32
RMS 50.59
signal [adc counts]

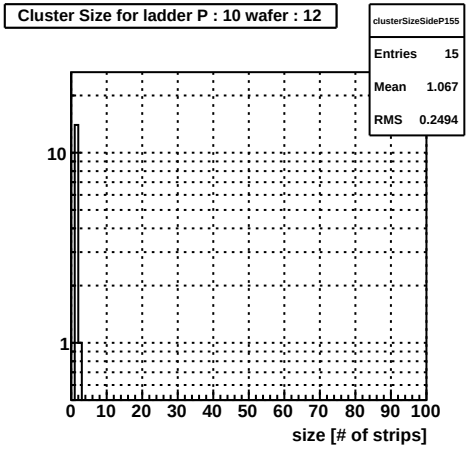

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 23244
Mean 1.346
RMS 0.6562
size [# of strips]

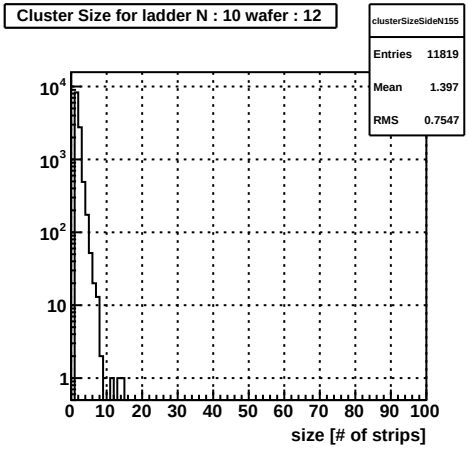

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 13303
Mean 1.287
RMS 0.6698
size [# of strips]

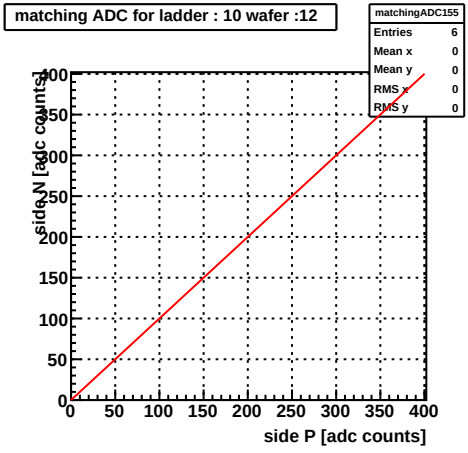

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6582
Mean x 77.07
Mean y 69.04
RMS x 60.06
RMS y 55.32
side N [adc counts]
side P [adc counts]

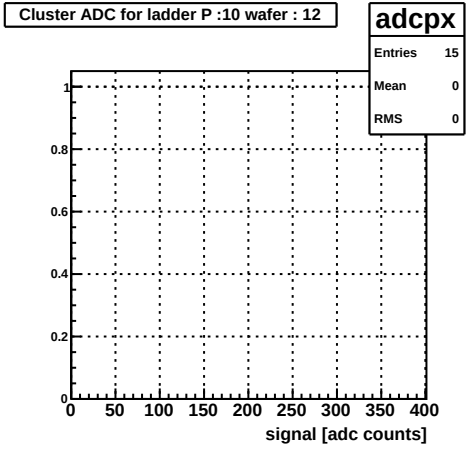

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 23244
Mean 57.37
RMS 50.68
signal [adc counts]

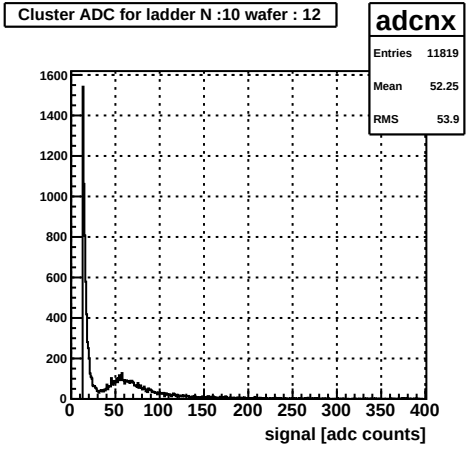

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 13303
Mean 46.64
RMS 49.2
signal [adc counts]

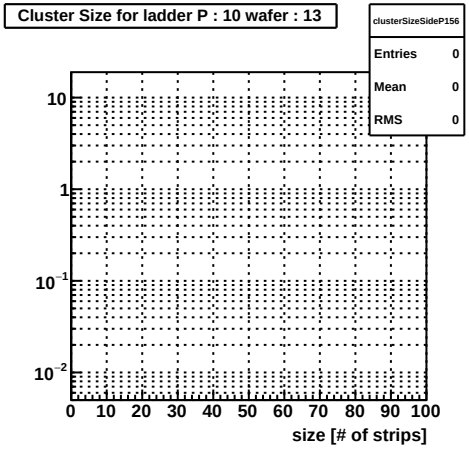

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

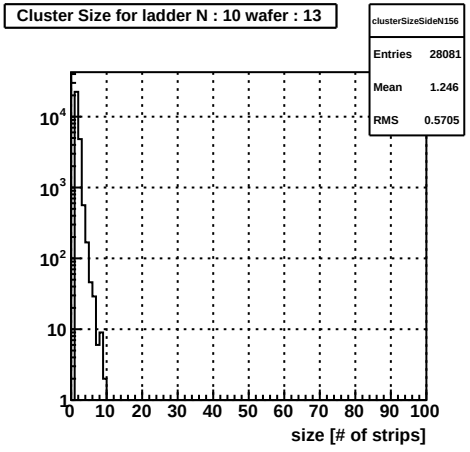

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 11819
Mean 1.397
RMS 0.7547
size [# of strips]

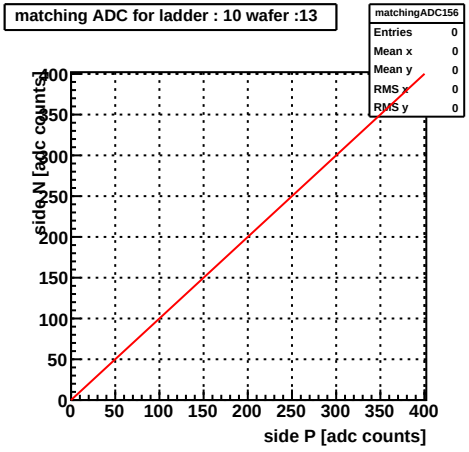

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

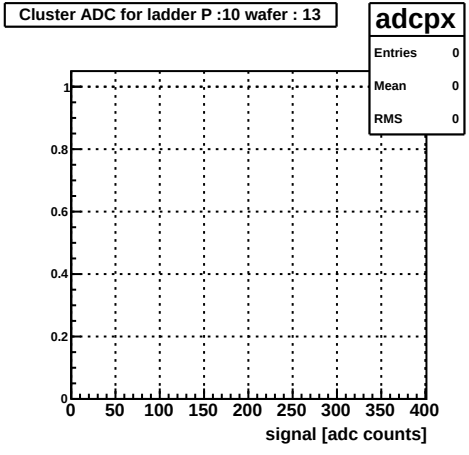

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

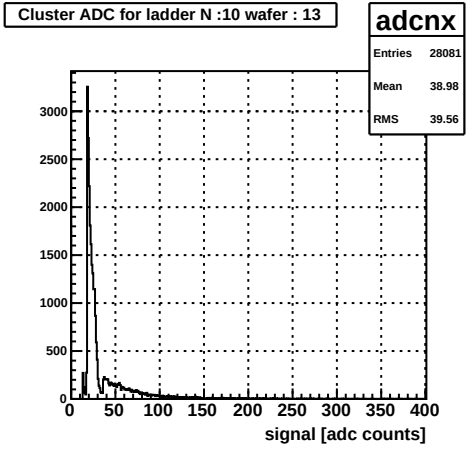

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 11819
Mean 52.25
RMS 53.9
signal [adc counts]

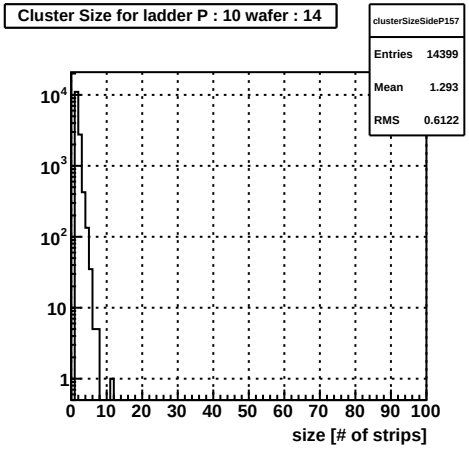

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

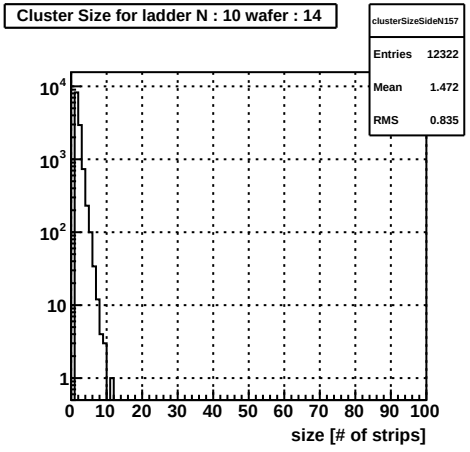

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 28081
Mean 1.246
RMS 0.5705
size [# of strips]

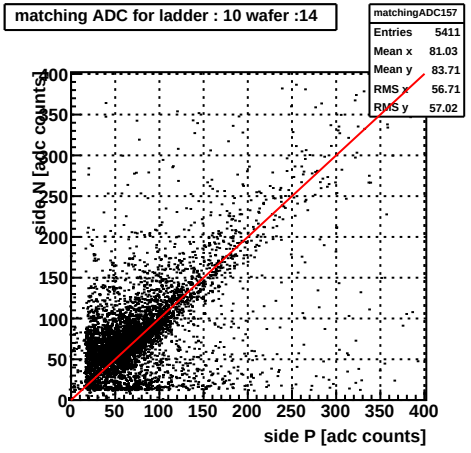

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

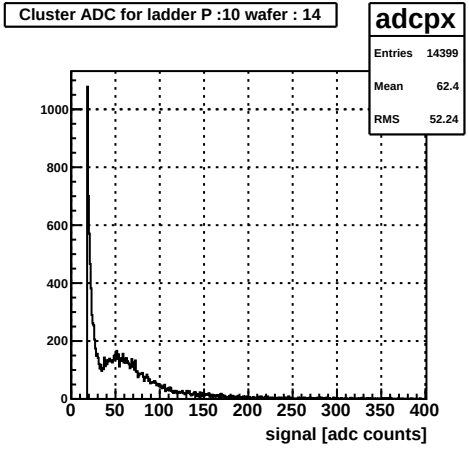

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

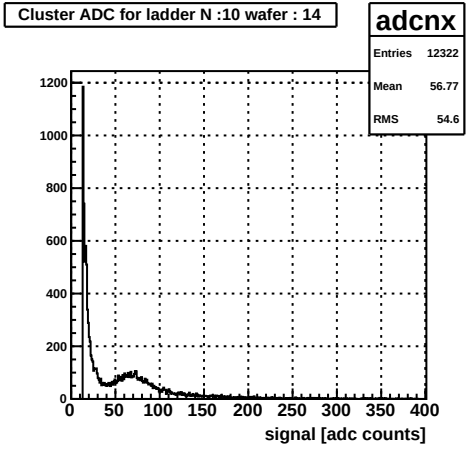

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 28081
Mean 38.98
RMS 39.56
signal [adc counts]

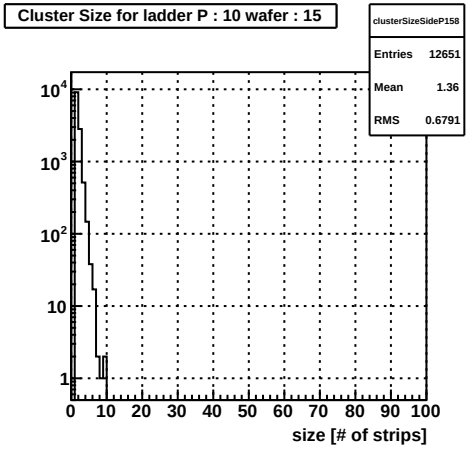

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 14399
Mean 1.293
RMS 0.6122
size [# of strips]

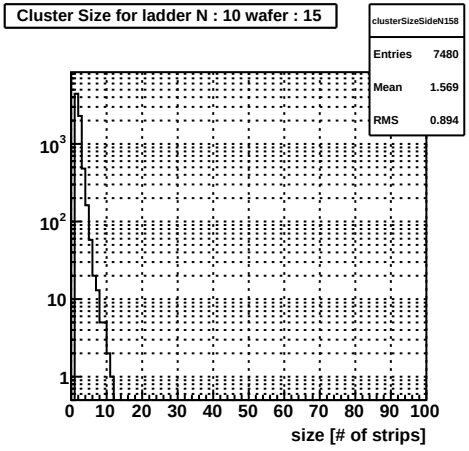

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 12322
Mean 1.472
RMS 0.835
size [# of strips]

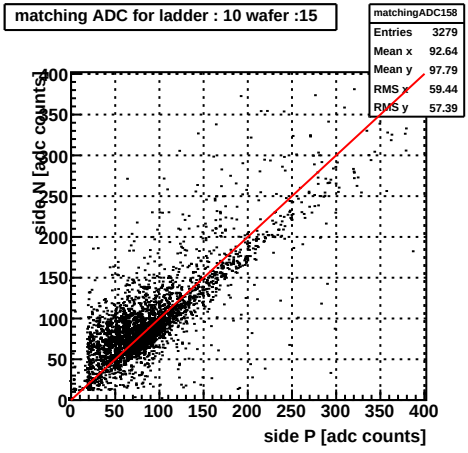

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 5411
Mean x 81.03
Mean y 83.71
RMS x 56.71
RMS y 57.02
side N [adc counts]
side P [adc counts]

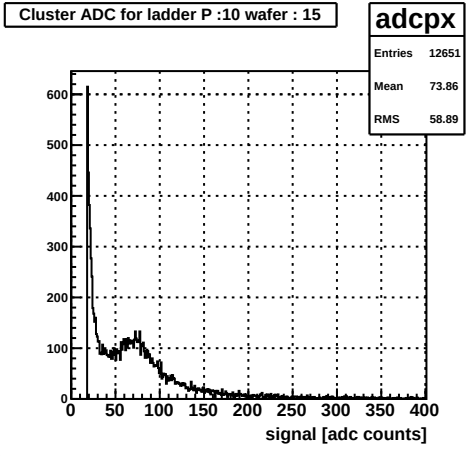

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 14399
Mean 62.4
RMS 52.24
signal [adc counts]

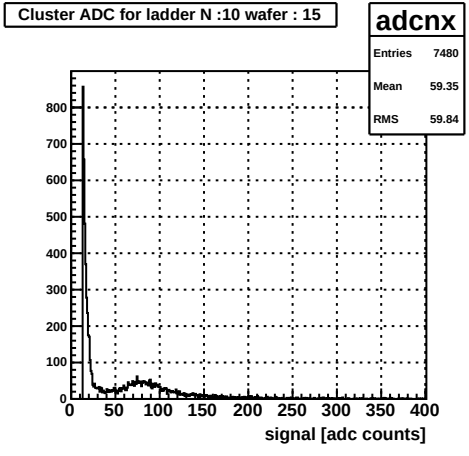

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 12322
Mean 56.77
RMS 54.6
signal [adc counts]

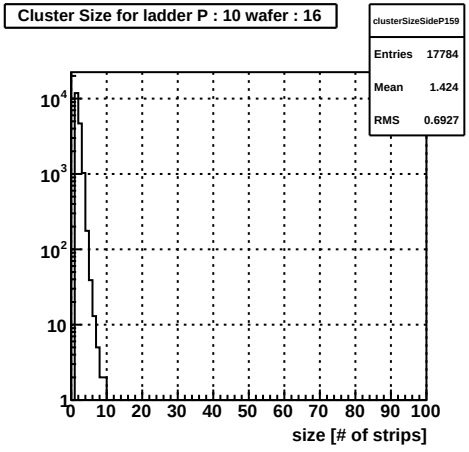

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 12651
Mean 1.36
RMS 0.6791
size [# of strips]

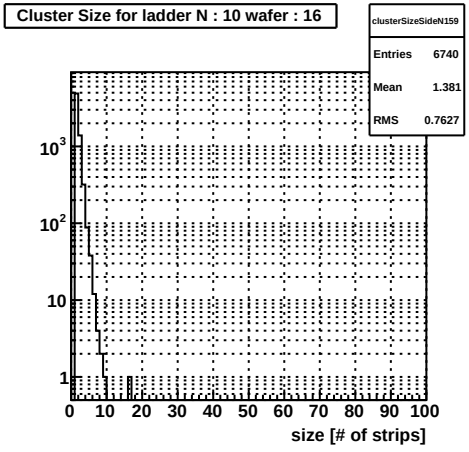

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7480
Mean 1.569
RMS 0.894
size [# of strips]

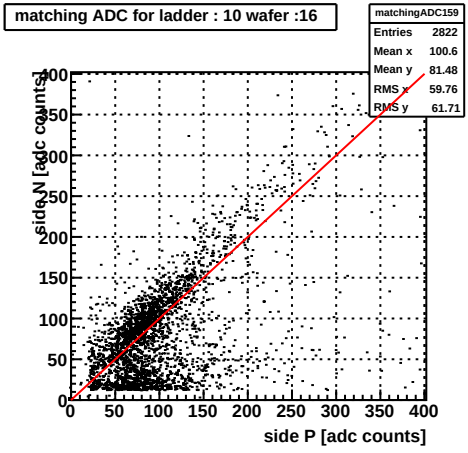

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3279
Mean x 92.64
Mean y 97.79
RMS x 59.44
RMS y 57.39
side N [adc counts]
side P [adc counts]

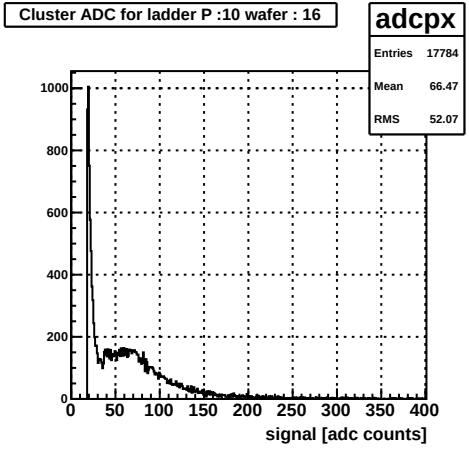

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 12651
Mean 73.86
RMS 58.89
signal [adc counts]

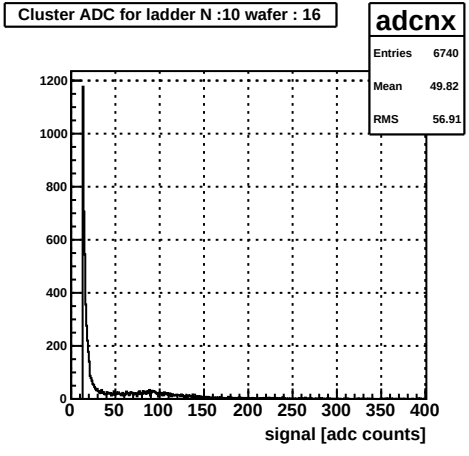

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7480
Mean 59.35
RMS 59.84
signal [adc counts]

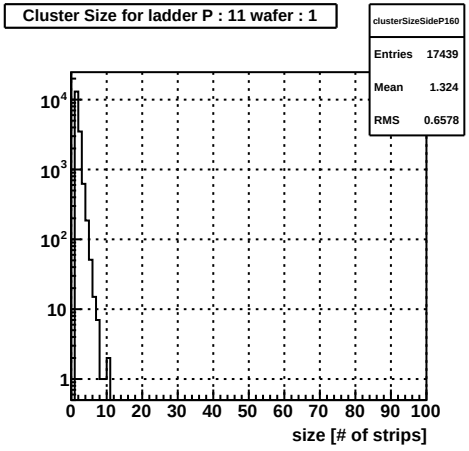

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 17784
Mean 1.424
RMS 0.6927
size [# of strips]

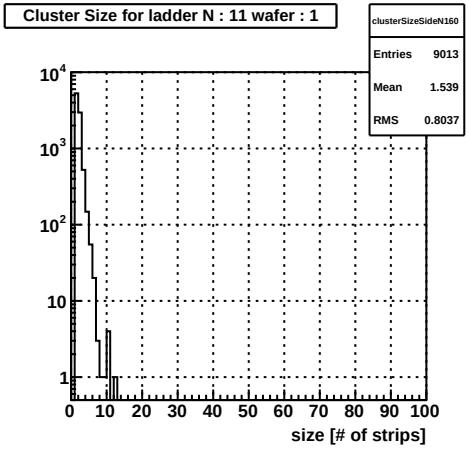

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 6740
Mean 1.381
RMS 0.7627
size [# of strips]

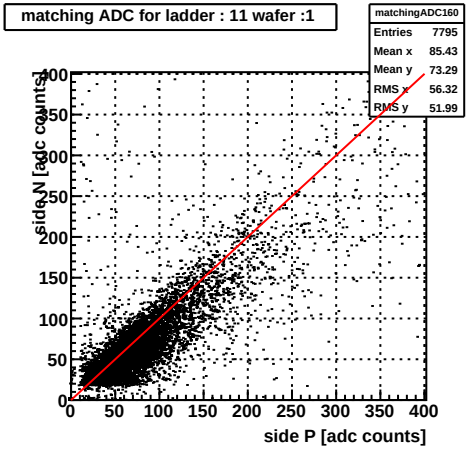

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2822
Mean x 100.6
Mean y 81.48
RMS x 59.76
RMS y 61.71
side N [adc counts]
side P [adc counts]

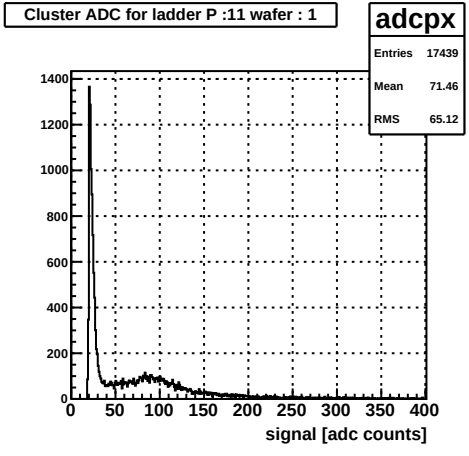

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 17784
Mean 66.47
RMS 52.07
signal [adc counts]

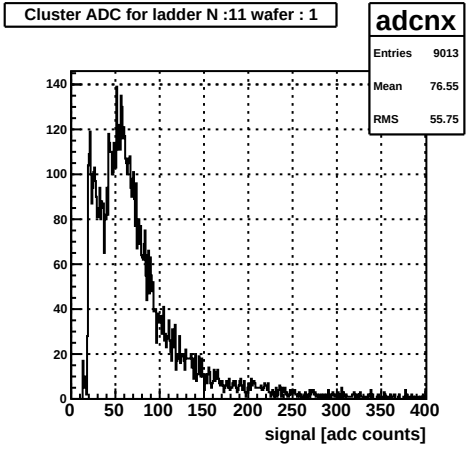

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 6740
Mean 49.82
RMS 56.91
signal [adc counts]

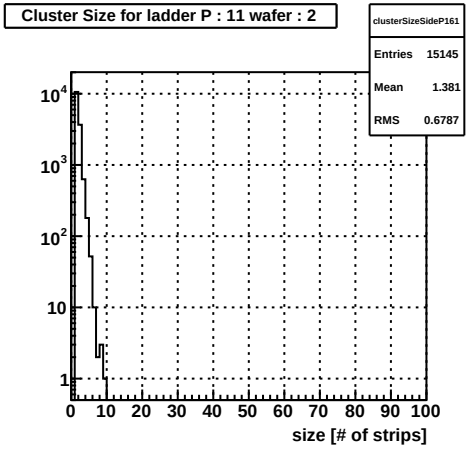

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 17439
Mean 1.324
RMS 0.6578
size [# of strips]

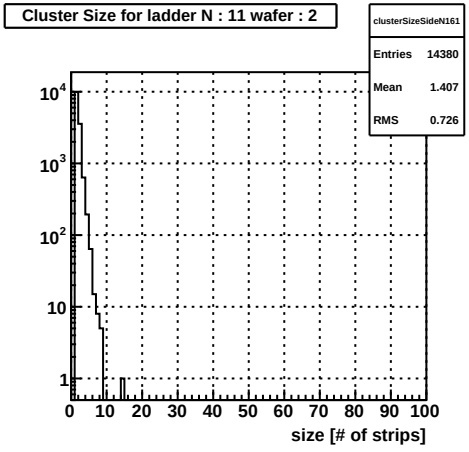

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 9013
Mean 1.539
RMS 0.8037
size [# of strips]

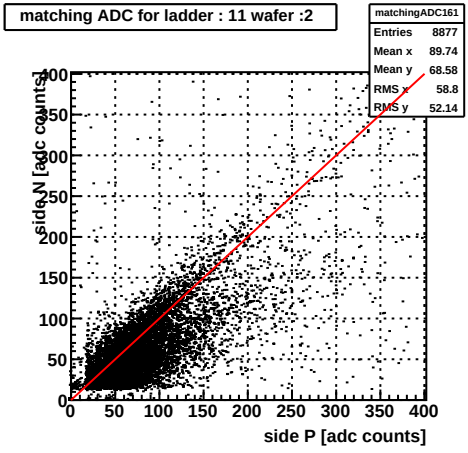

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 7795
Mean x 85.43
Mean y 73.29
RMS x 56.32
RMS y 51.99
side N [adc counts]
side P [adc counts]

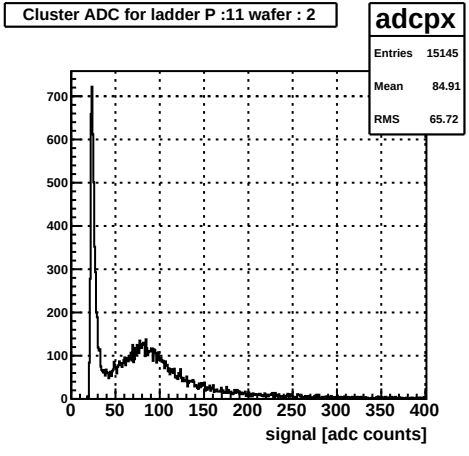

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 17439
Mean 71.46
RMS 65.12
signal [adc counts]

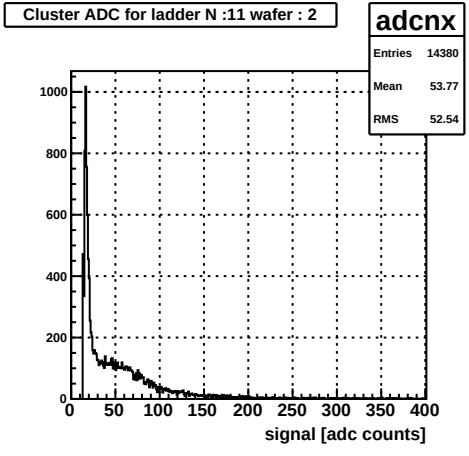

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 9013
Mean 76.55
RMS 55.75
signal [adc counts]

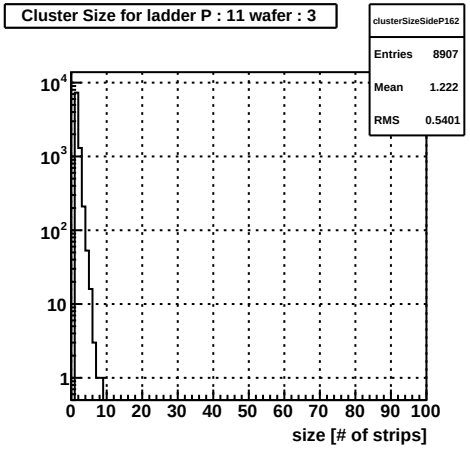

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 15145
Mean 1.381
RMS 0.6787
size [# of strips]

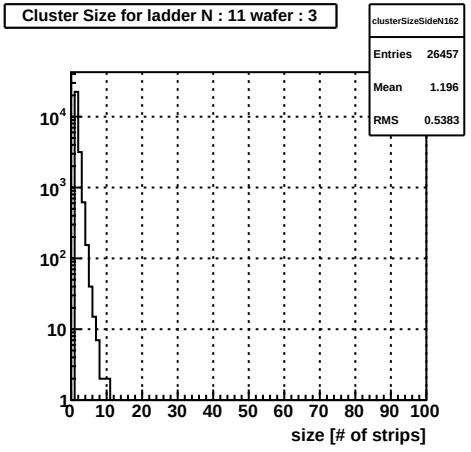

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 14380
Mean 1.407
RMS 0.726
size [# of strips]

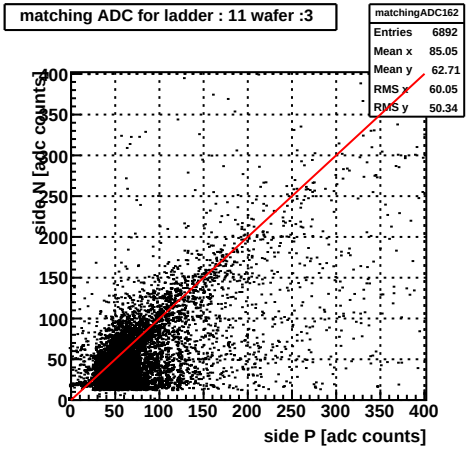

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 8877
Mean x 89.74
Mean y 68.58
RMS x 58.8
RMS y 52.14
side N [adc counts]
side P [adc counts]

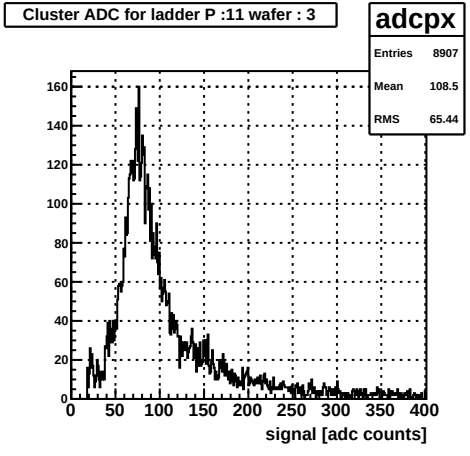

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 15145
Mean 84.91
RMS 65.72
signal [adc counts]

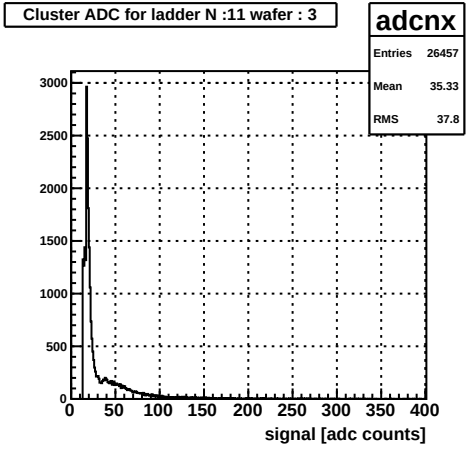

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 14380
Mean 53.77
RMS 52.54
signal [adc counts]

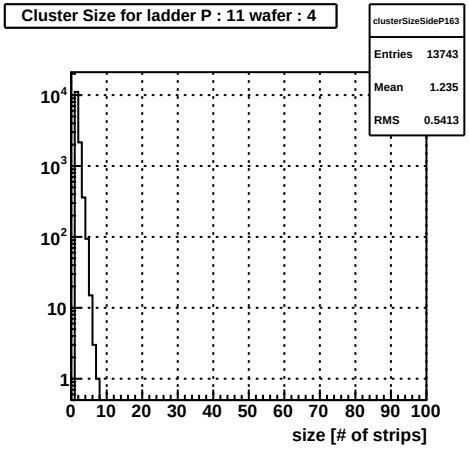

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 8907
Mean 1.222
RMS 0.5401
size [# of strips]

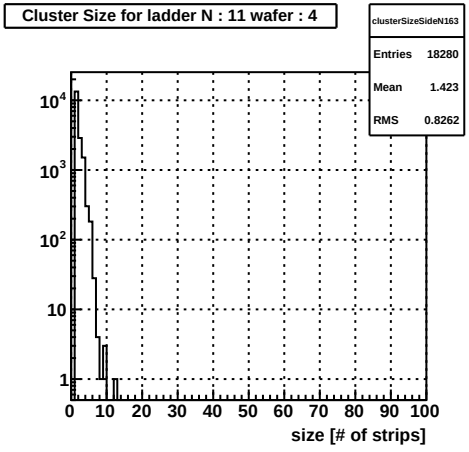

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 26457
Mean 1.196
RMS 0.5383
size [# of strips]

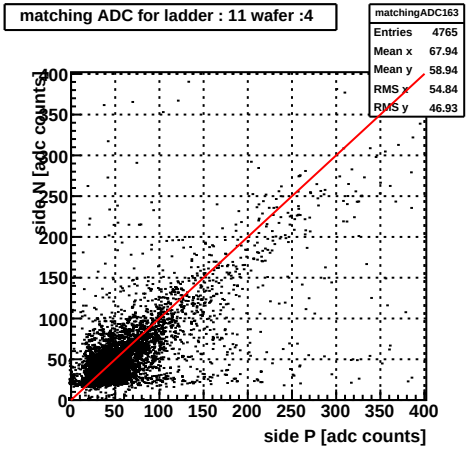

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 6892
Mean x 85.05
Mean y 62.71
RMS x 60.05
RMS y 50.34
side N [adc counts]
side P [adc counts]

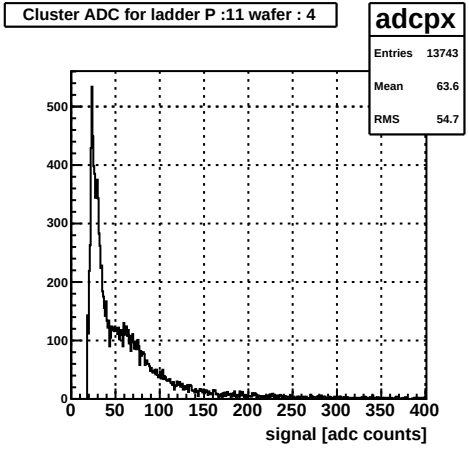

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 8907
Mean 108.5
RMS 65.44
signal [adc counts]

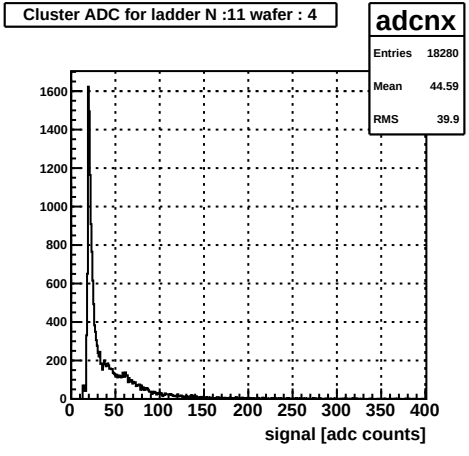

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 26457
Mean 35.33
RMS 37.8
signal [adc counts]

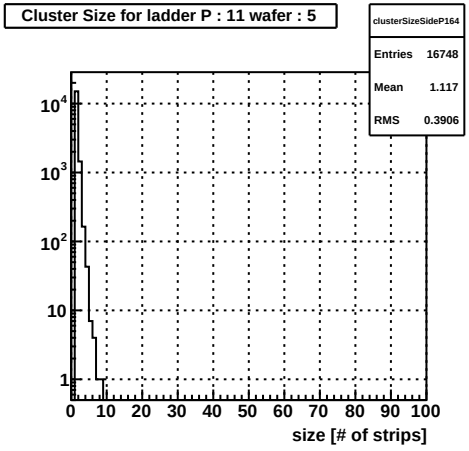

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 13743
Mean 1.235
RMS 0.5413
size [# of strips]

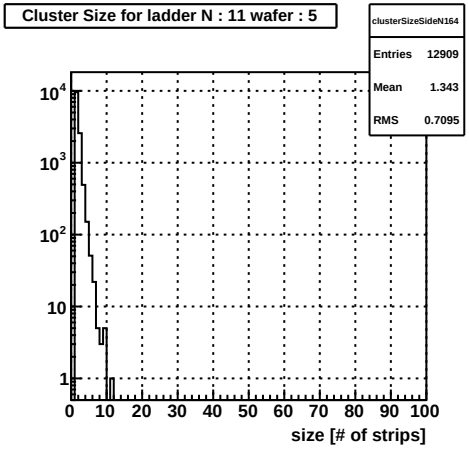

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 18280
Mean 1.423
RMS 0.8262
size [# of strips]

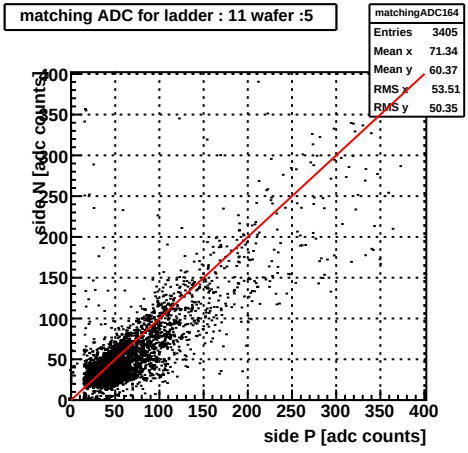

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 4765
Mean x 67.94
Mean y 58.94
RMS x 54.84
RMS y 46.93
side N [adc counts]
side P [adc counts]

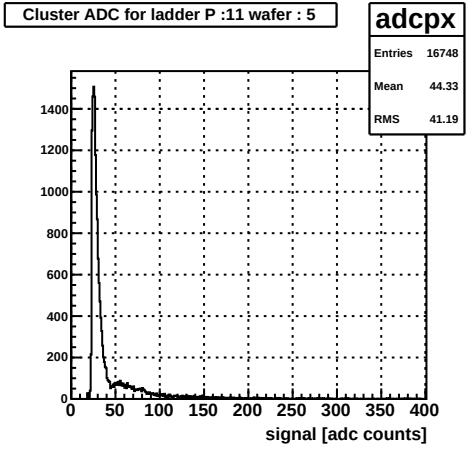

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 13743
Mean 63.6
RMS 54.7
signal [adc counts]

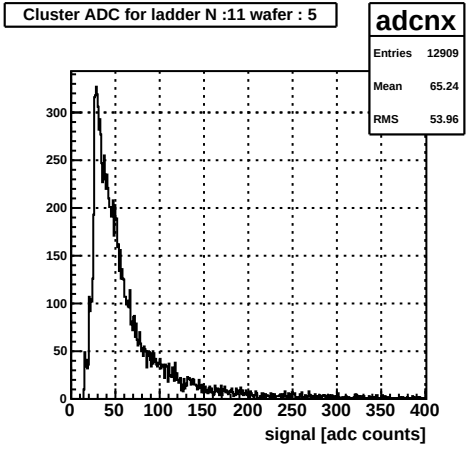

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 18280
Mean 44.59
RMS 39.9
signal [adc counts]

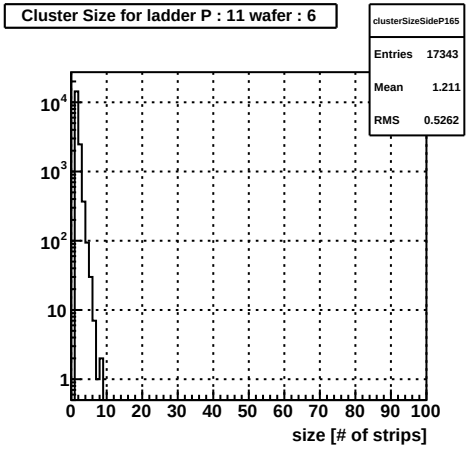

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16748
Mean 1.117
RMS 0.3906
size [# of strips]

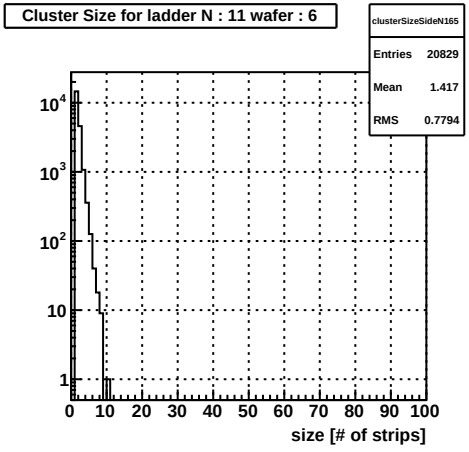

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 12909
Mean 1.343
RMS 0.7095
size [# of strips]

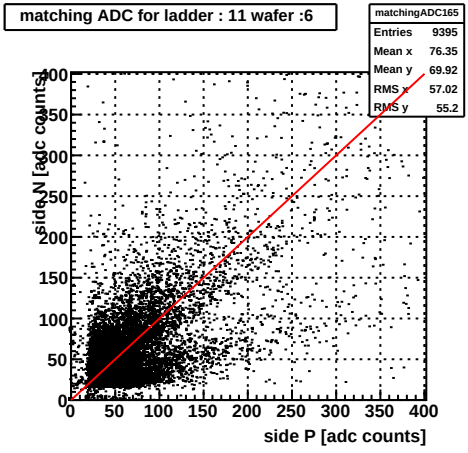

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3405
Mean x 71.34
Mean y 60.37
RMS x 53.51
RMS y 50.35
side N [adc counts]
side P [adc counts]

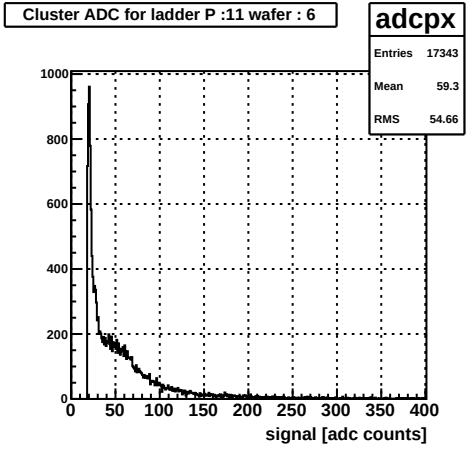

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16748
Mean 44.33
RMS 41.19
signal [adc counts]

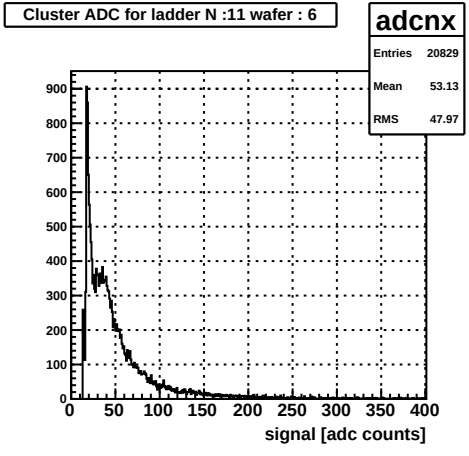

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 12909
Mean 65.24
RMS 53.96
signal [adc counts]

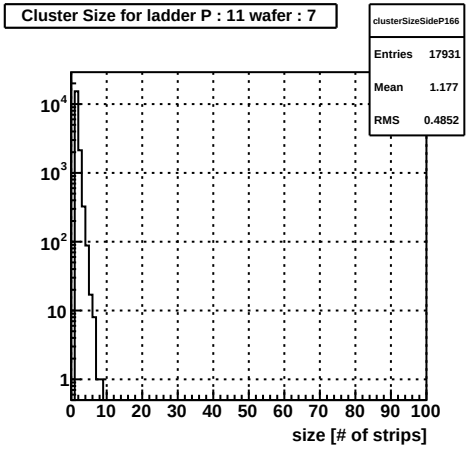

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 17343
Mean 1.211
RMS 0.5262
size [# of strips]

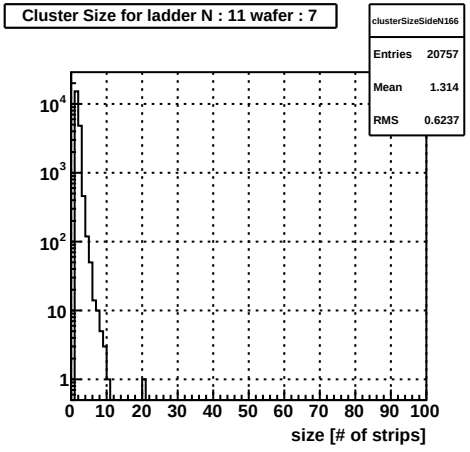

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 20829
Mean 1.417
RMS 0.7794
size [# of strips]

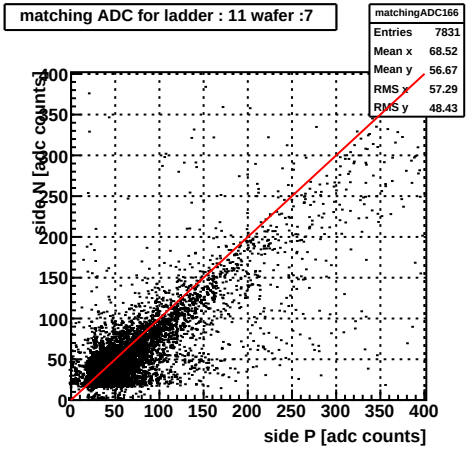

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 9395
Mean x 76.35
Mean y 69.92
RMS x 57.02
RMS y 55.2
side N [adc counts]
side P [adc counts]

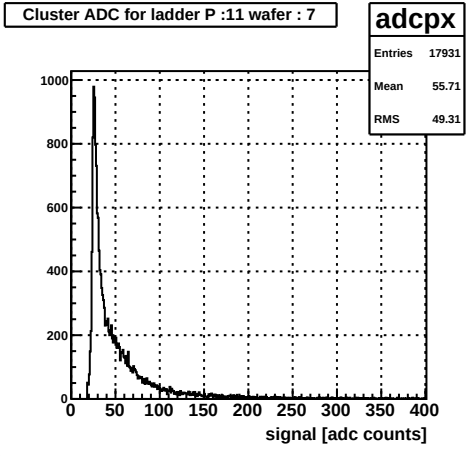

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 17343
Mean 59.3
RMS 54.66
signal [adc counts]

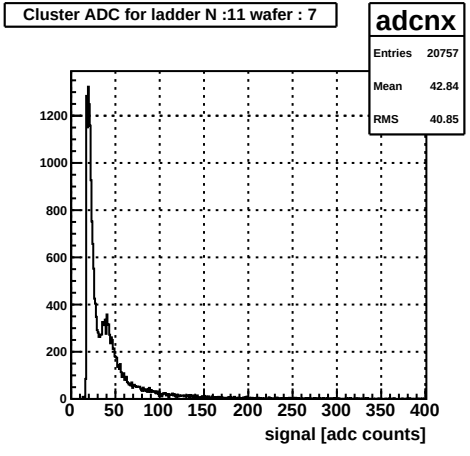

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 20829
Mean 53.13
RMS 47.97
signal [adc counts]

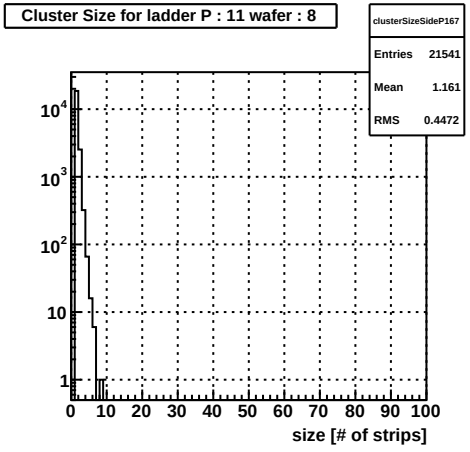

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 17931
Mean 1.177
RMS 0.4852
size [# of strips]

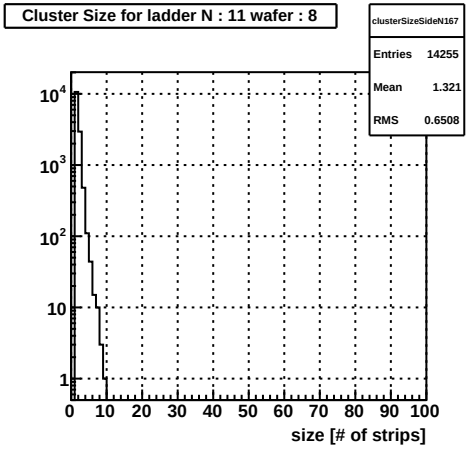

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 20757
Mean 1.314
RMS 0.6237
size [# of strips]

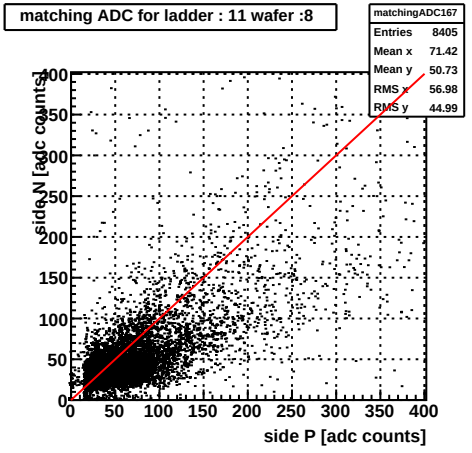

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 7831
Mean x 68.52
Mean y 56.67
RMS x 57.29
RMS y 48.43
side N [adc counts]
side P [adc counts]

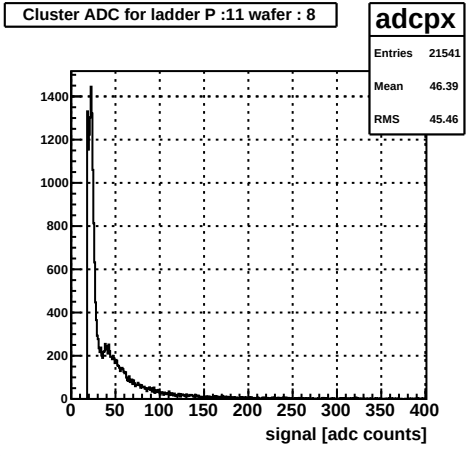

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 17931
Mean 55.71
RMS 49.31
signal [adc counts]

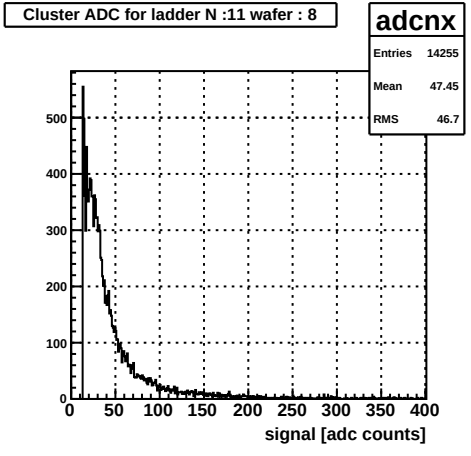

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 20757
Mean 42.84
RMS 40.85
signal [adc counts]

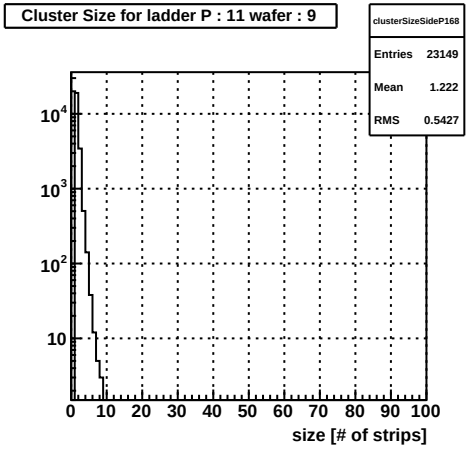

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 21541
Mean 1.161
RMS 0.4472
size [# of strips]

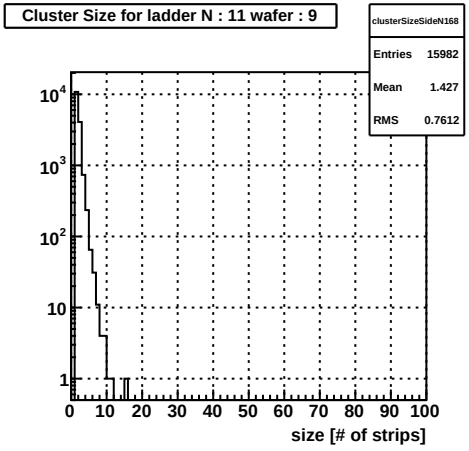

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 14255
Mean 1.321
RMS 0.6508
size [# of strips]

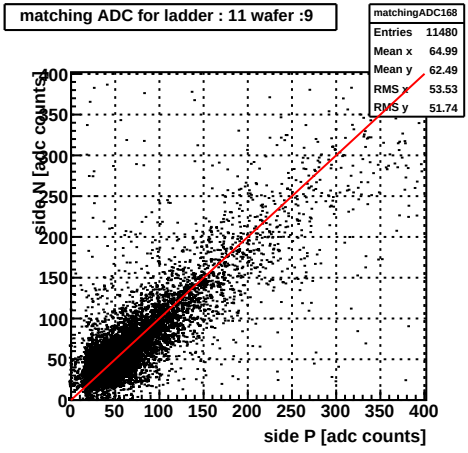

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 8405
Mean x 71.42
Mean y 50.73
RMS x 56.98
RMS y 44.99
side N [adc counts]
side P [adc counts]

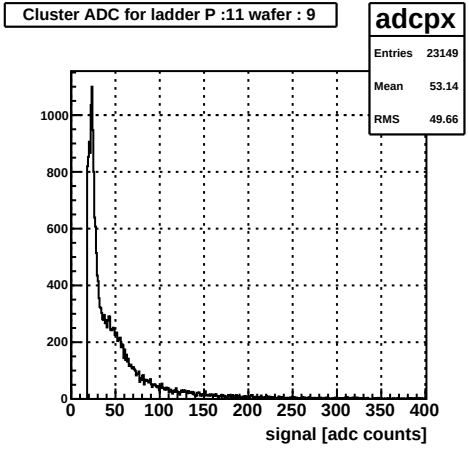

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 21541
Mean 46.39
RMS 45.46
signal [adc counts]

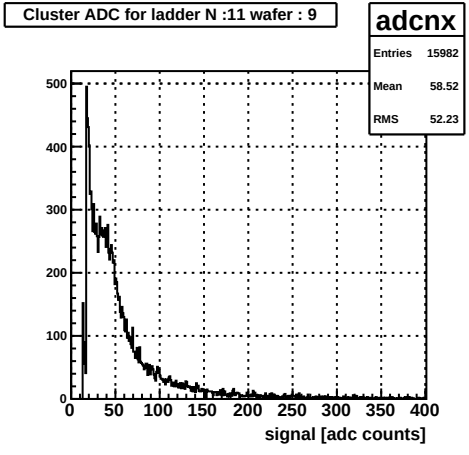

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 14255
Mean 47.45
RMS 46.7
signal [adc counts]

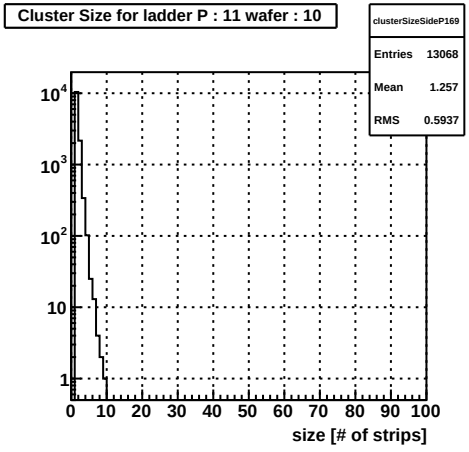

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 23149
Mean 1.222
RMS 0.5427
size [# of strips]

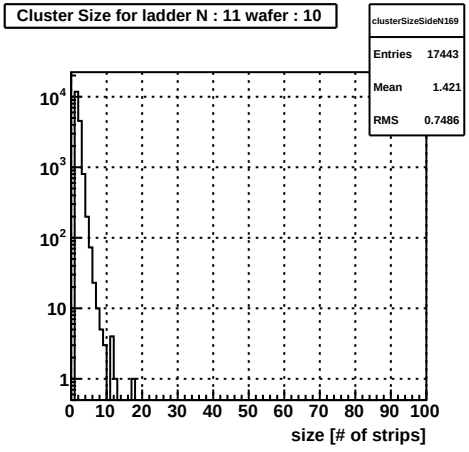

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 15982
Mean 1.427
RMS 0.7612
size [# of strips]

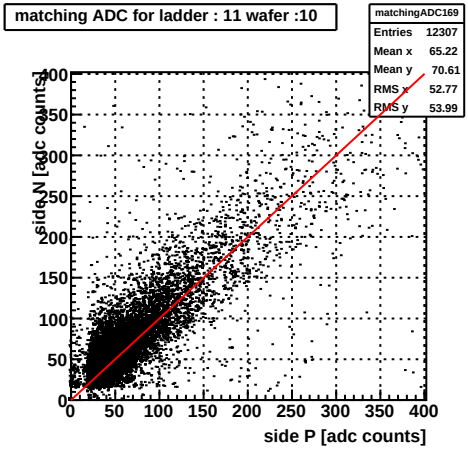

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 11480
Mean x 64.99
Mean y 62.49
RMS x 53.53
RMS y 51.74
side N [adc counts]
side P [adc counts]

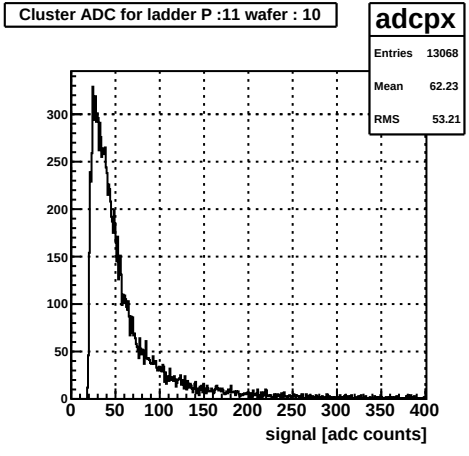

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 23149
Mean 53.14
RMS 49.66
signal [adc counts]

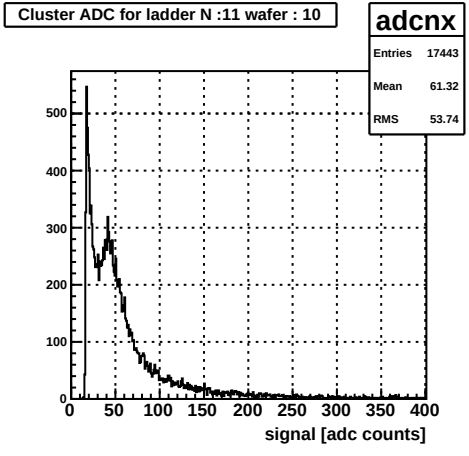

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 15982
Mean 58.52
RMS 52.23
signal [adc counts]

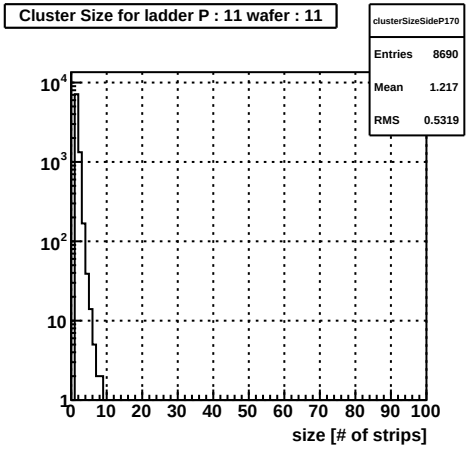

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 13068
Mean 1.257
RMS 0.5937
size [# of strips]

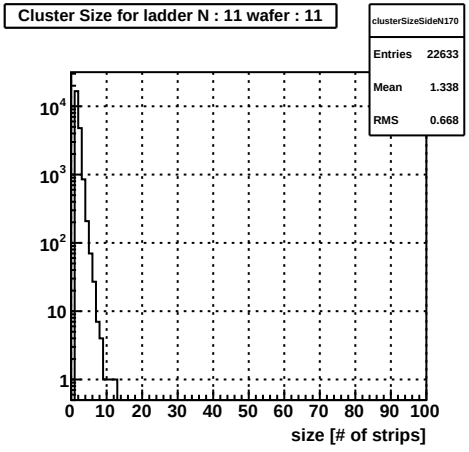

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 17443
Mean 1.421
RMS 0.7486
size [# of strips]

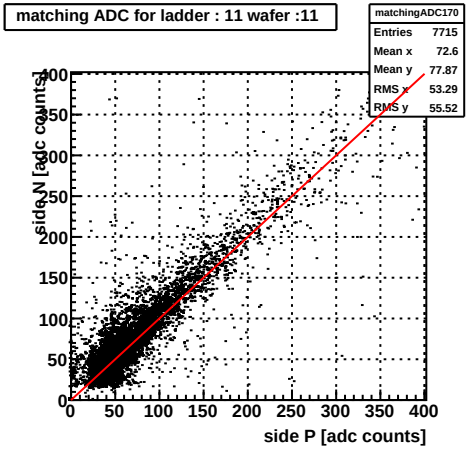

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 12307
Mean x 65.22
Mean y 70.61
RMS x 52.77
RMS y 53.99
side N [adc counts]
side P [adc counts]

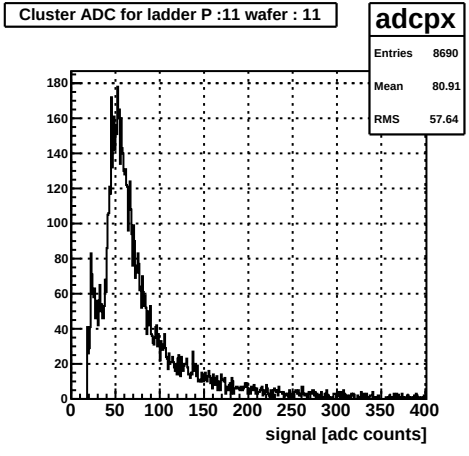

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 13068
Mean 62.23
RMS 53.21
signal [adc counts]

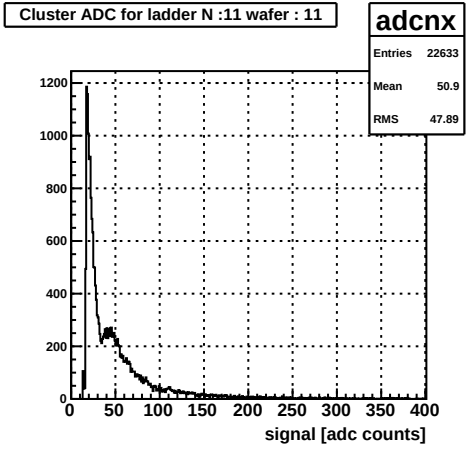

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 17443
Mean 61.32
RMS 53.74
signal [adc counts]

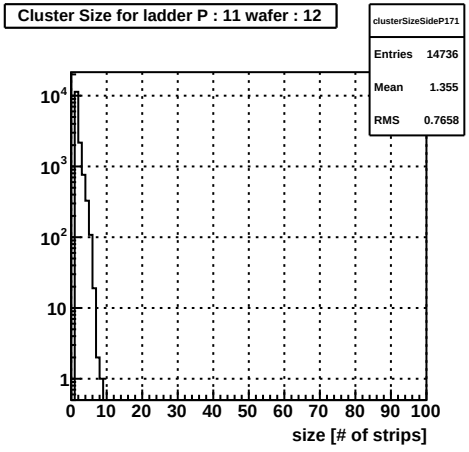

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 8690
Mean 1.217
RMS 0.5319
size [# of strips]

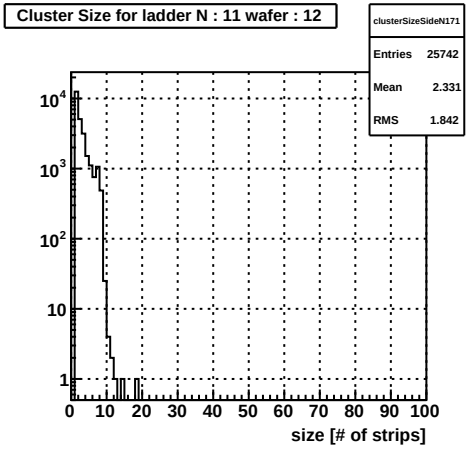

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 22633
Mean 1.338
RMS 0.668
size [# of strips]

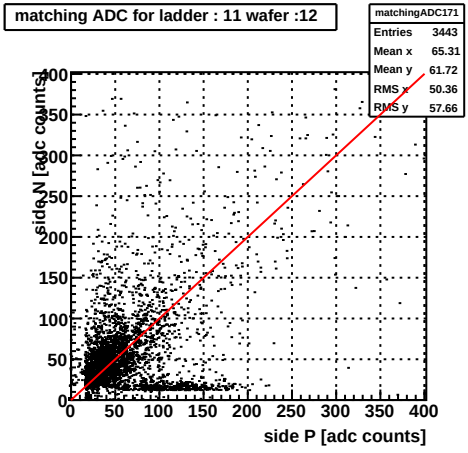

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7715
Mean x 72.6
Mean y 77.87
RMS x 53.29
RMS y 55.52
side N [adc counts]
side P [adc counts]

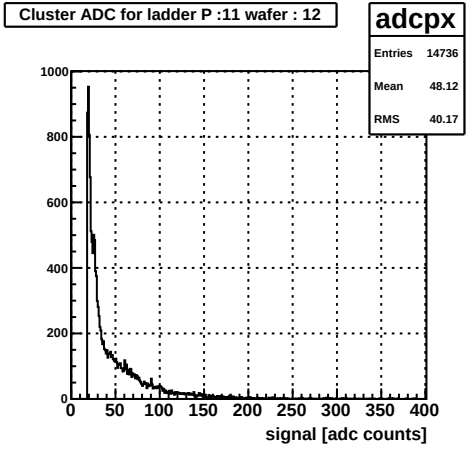

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 8690
Mean 80.91
RMS 57.64
signal [adc counts]

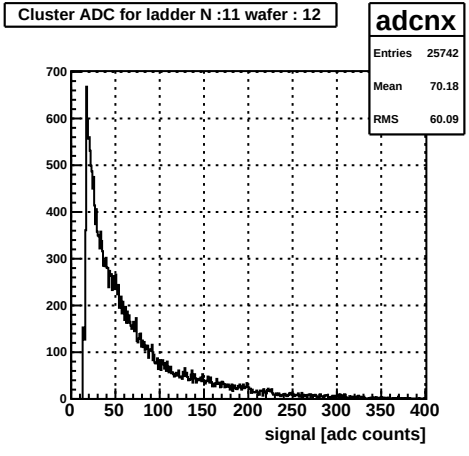

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 22633
Mean 50.9
RMS 47.89
signal [adc counts]

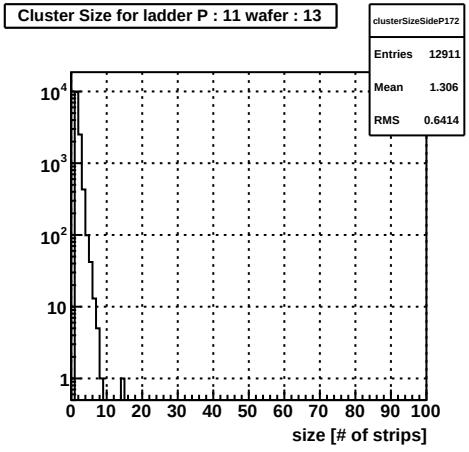

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 14736
Mean 1.355
RMS 0.7658
size [# of strips]

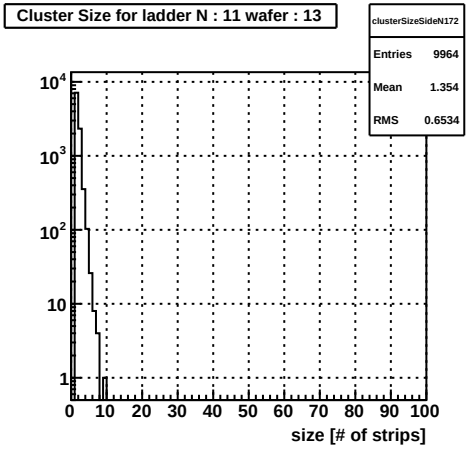

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 25742
Mean 2.331
RMS 1.842
size [# of strips]

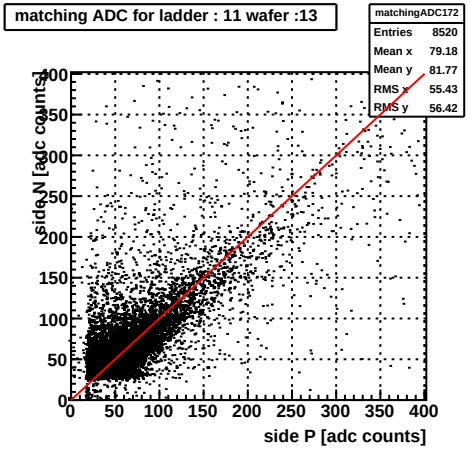

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3443
Mean x 65.31
Mean y 61.72
RMS x 50.36
RMS y 57.66
side N [adc counts]
side P [adc counts]

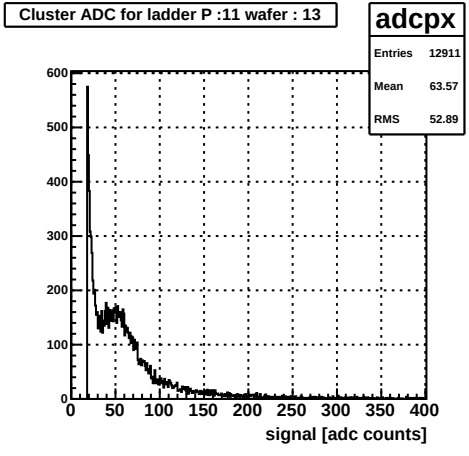

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 14736
Mean 48.12
RMS 40.17
signal [adc counts]

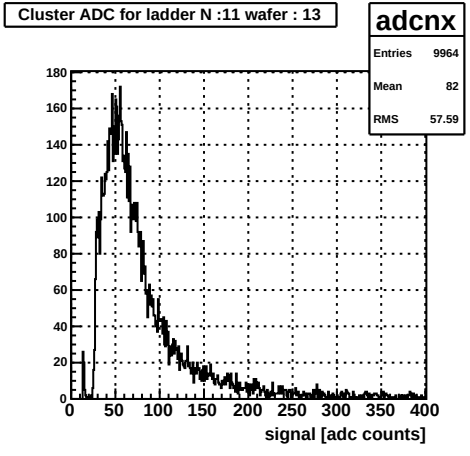

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 25742
Mean 70.18
RMS 60.09
signal [adc counts]

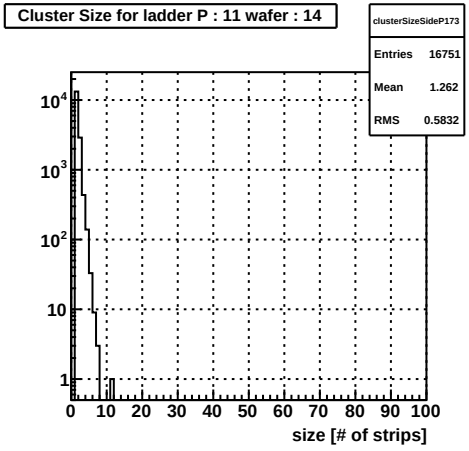

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 12911
Mean 1.306
RMS 0.6414
size [# of strips]

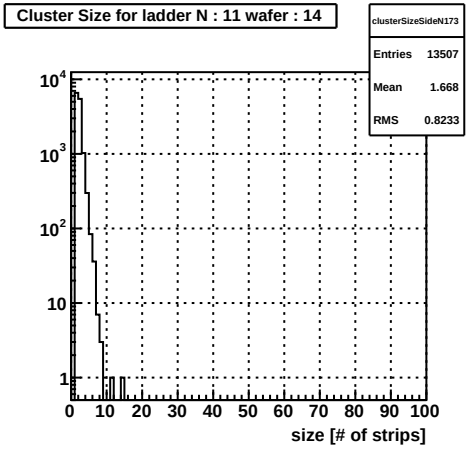

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 9964
Mean 1.354
RMS 0.6534
size [# of strips]

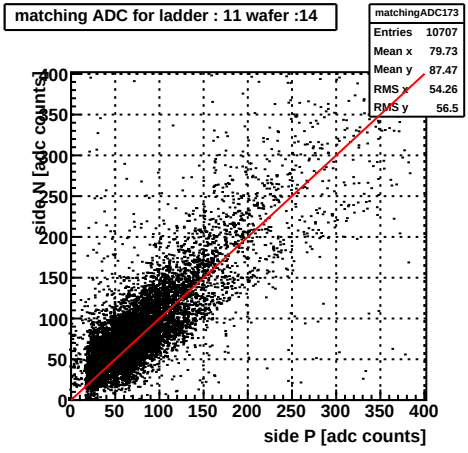

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 8520
Mean x 79.18
Mean y 81.77
RMS x 55.43
RMS y 56.42
side N [adc counts]
side P [adc counts]

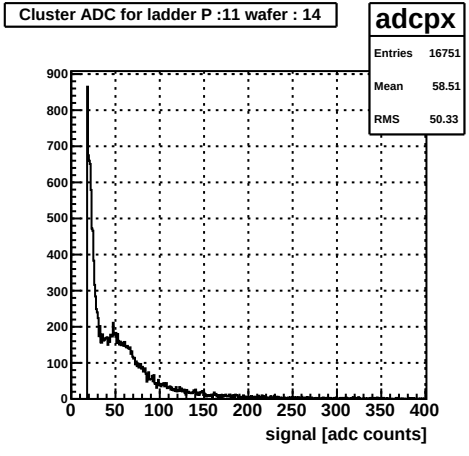

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 12911
Mean 63.57
RMS 52.89
signal [adc counts]

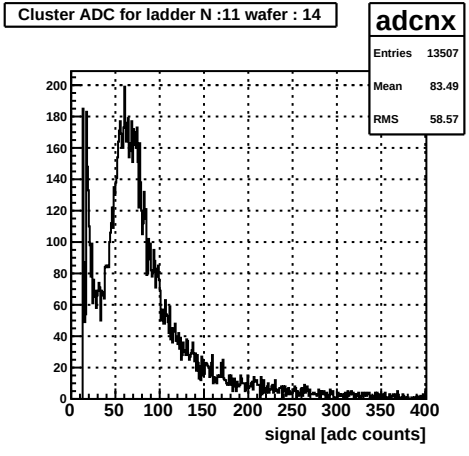

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 9964
Mean 82
RMS 57.59
signal [adc counts]

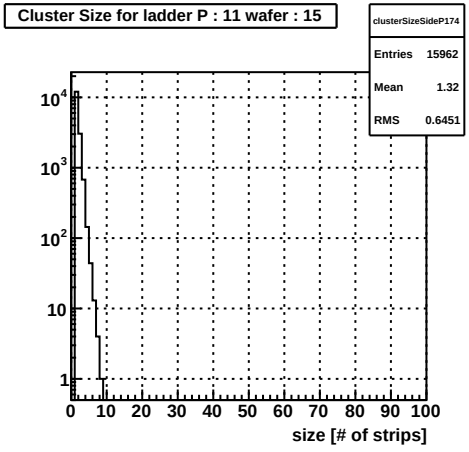

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 16751
Mean 1.262
RMS 0.5832
size [# of strips]

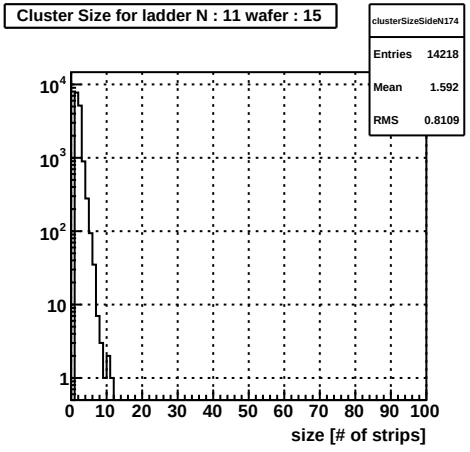

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 13507
Mean 1.668
RMS 0.8233
size [# of strips]

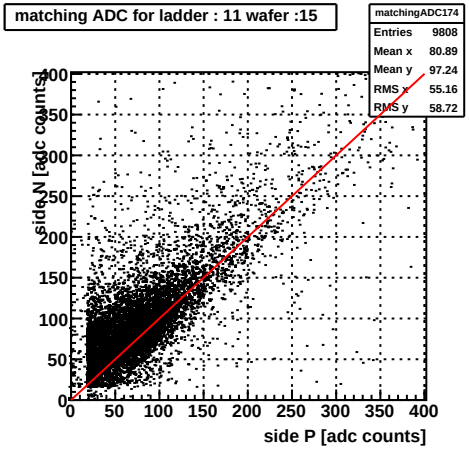

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 10707
Mean x 79.73
Mean y 87.47
RMS x 54.26
RMS y 56.5
side N [adc counts]
side P [adc counts]

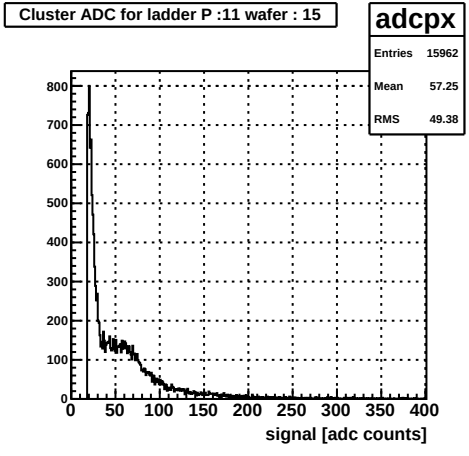

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 16751
Mean 58.51
RMS 50.33
signal [adc counts]

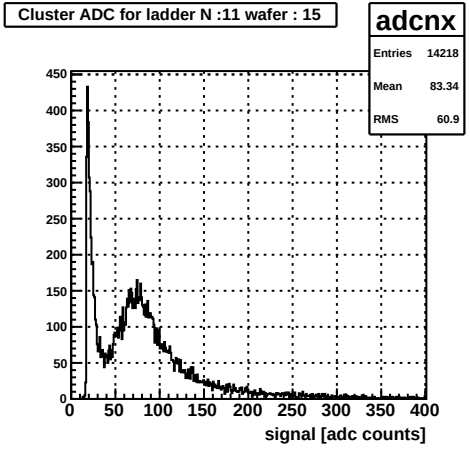

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 13507
Mean 83.49
RMS 58.57
signal [adc counts]

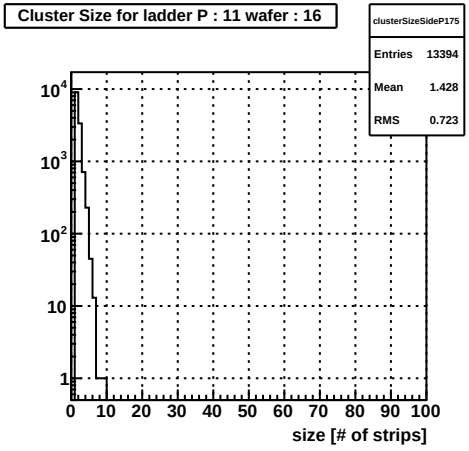

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 15962
Mean 1.32
RMS 0.6451
size [# of strips]

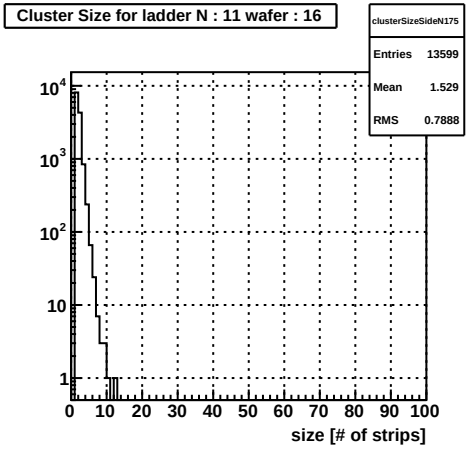

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 14218
Mean 1.592
RMS 0.8109
size [# of strips]

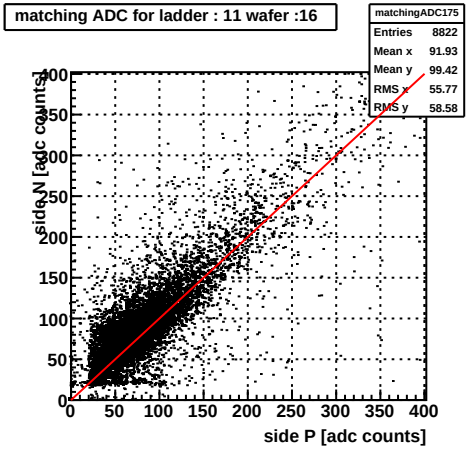

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 9808
Mean x 80.89
Mean y 97.24
RMS x 55.16
RMS y 58.72
side N [adc counts]
side P [adc counts]

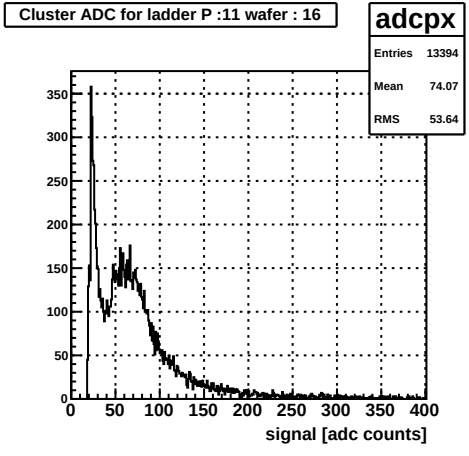

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 15962
Mean 57.25
RMS 49.38
signal [adc counts]

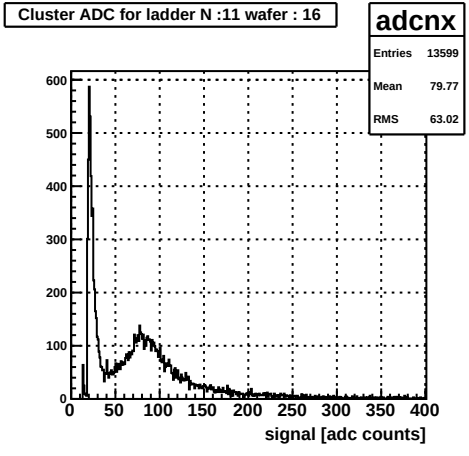

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 14218
Mean 83.34
RMS 60.9
signal [adc counts]

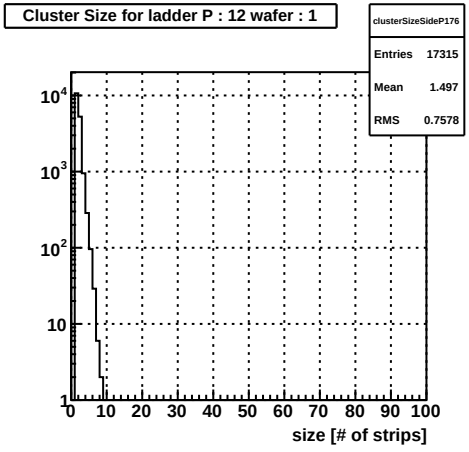

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 13394
Mean 1.428
RMS 0.723
size [# of strips]

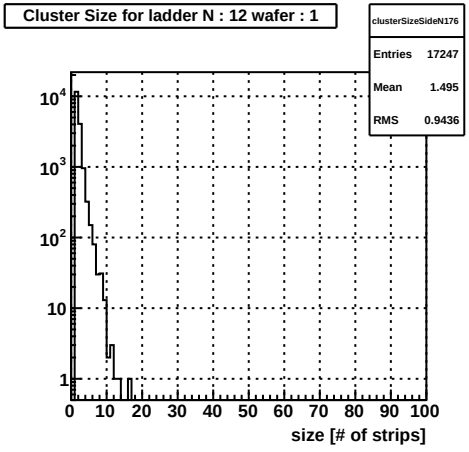

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 13599
Mean 1.529
RMS 0.7888
size [# of strips]

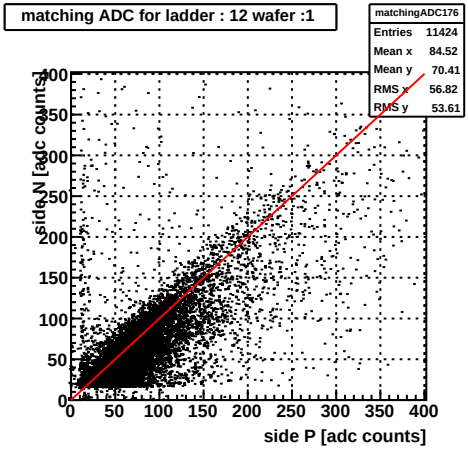

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 8822
Mean x 91.93
Mean y 99.42
RMS x 55.77
RMS y 58.58
side N [adc counts]
side P [adc counts]

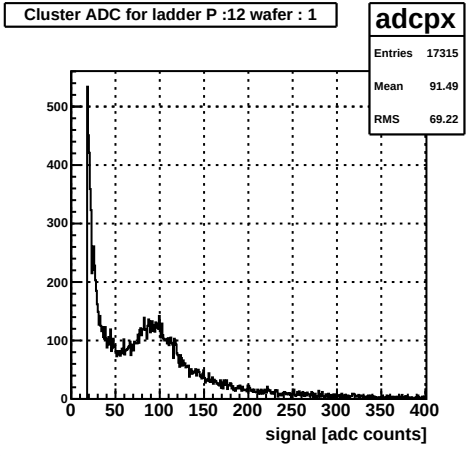

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 13394
Mean 74.07
RMS 53.64
signal [adc counts]

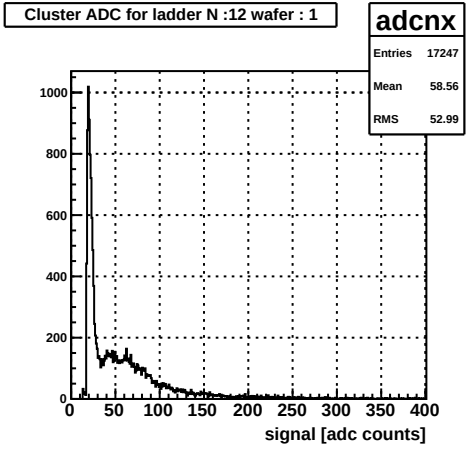

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 13599
Mean 79.77
RMS 63.02
signal [adc counts]

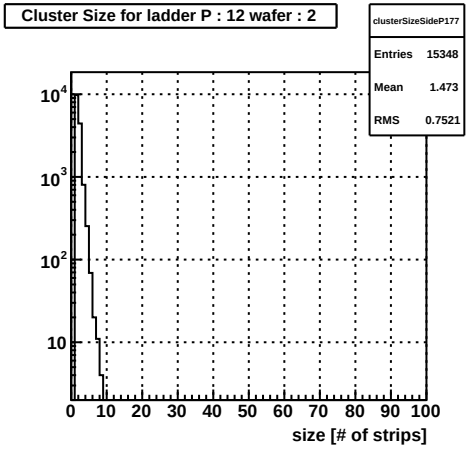

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 17315
Mean 1.497
RMS 0.7578
size [# of strips]

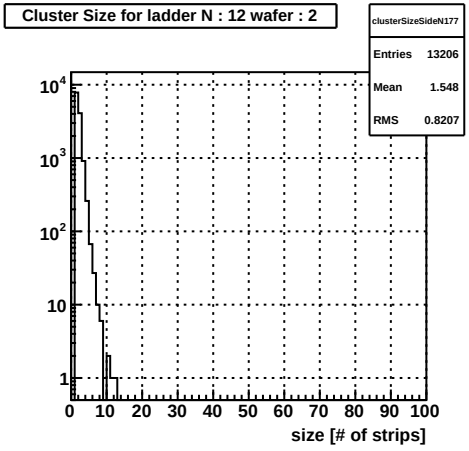

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 17247
Mean 1.495
RMS 0.9436
size [# of strips]

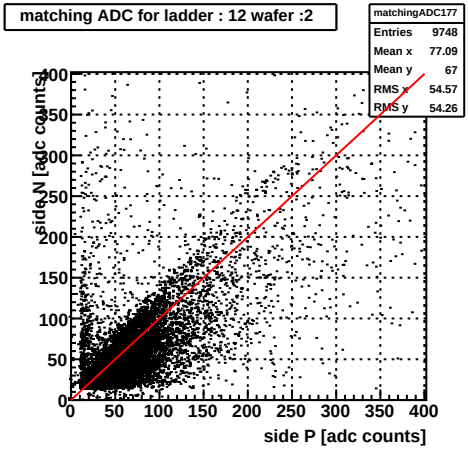

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 11424
Mean x 84.52
Mean y 70.41
RMS x 56.82
RMS y 53.61
side N [adc counts]
side P [adc counts]

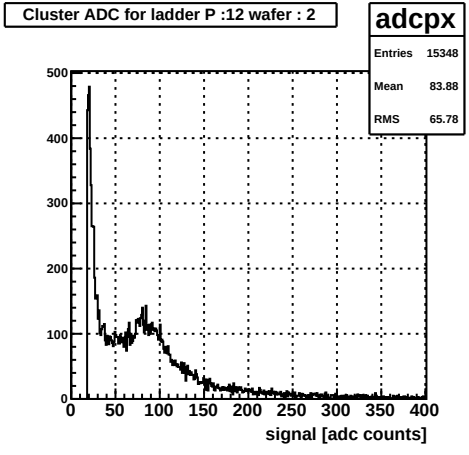

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 17315
Mean 91.49
RMS 69.22
signal [adc counts]

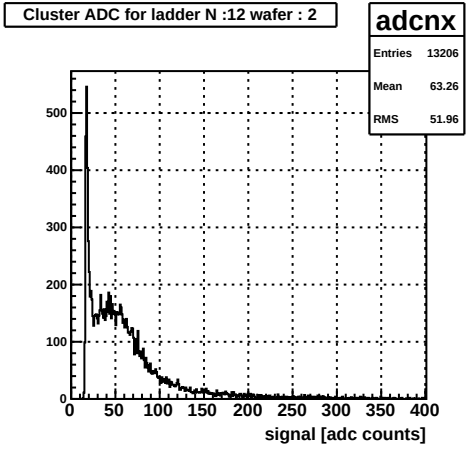

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 17247
Mean 58.56
RMS 52.99
signal [adc counts]

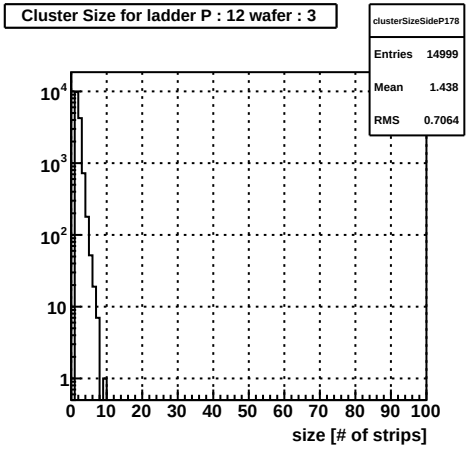

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15348
Mean 1.473
RMS 0.7521
size [# of strips]

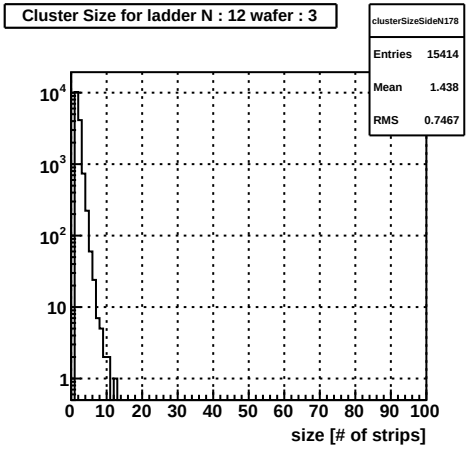

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 13206
Mean 1.548
RMS 0.8207
size [# of strips]

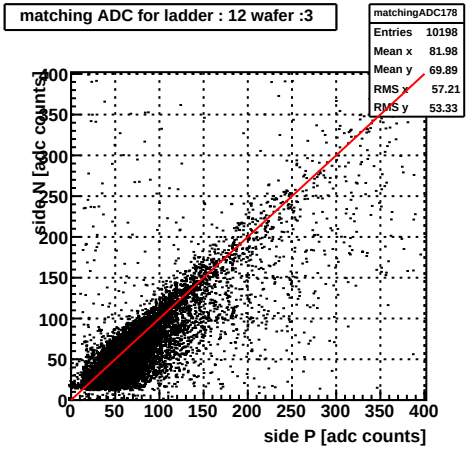

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 9748
Mean x 77.09
Mean y 67
RMS x 54.57
RMS y 54.26
side N [adc counts]
side P [adc counts]

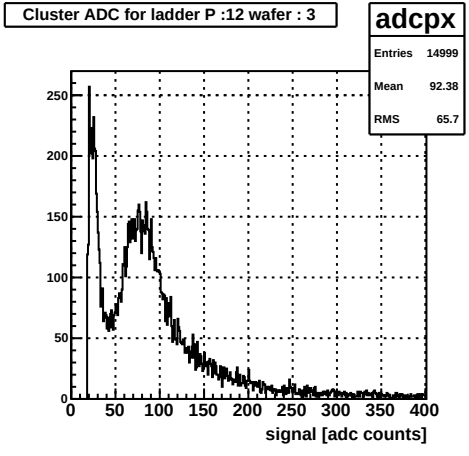

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15348
Mean 83.88
RMS 65.78
signal [adc counts]

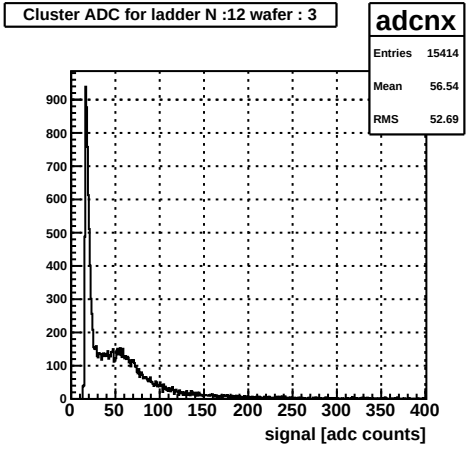

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 13206
Mean 63.26
RMS 51.96
signal [adc counts]

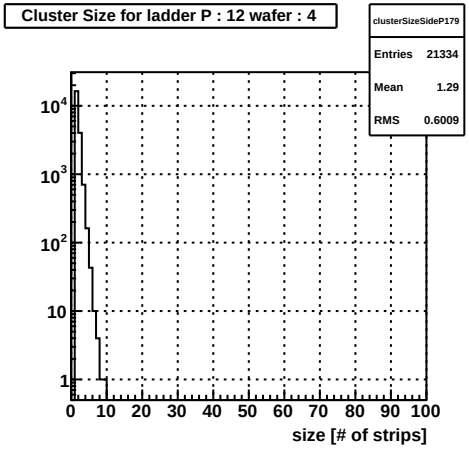

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 14999
Mean 1.438
RMS 0.7064
size [# of strips]

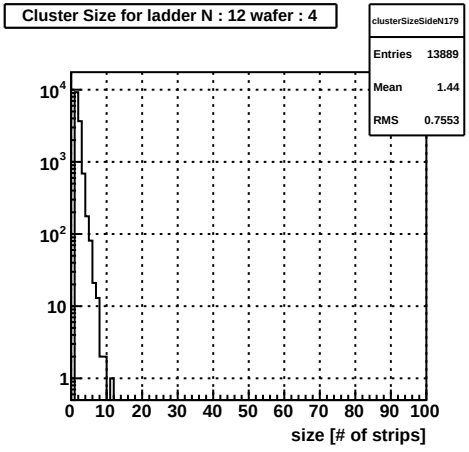

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 15414
Mean 1.438
RMS 0.7467
size [# of strips]

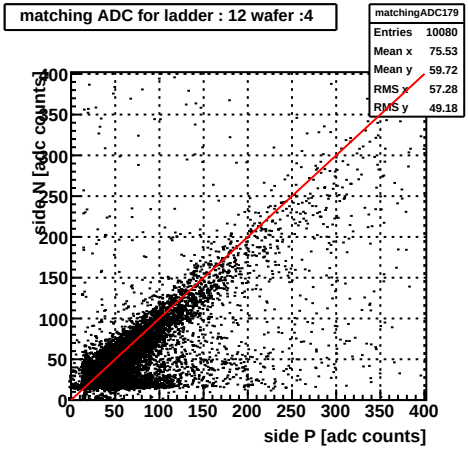

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 10198
Mean x 81.98
Mean y 69.89
RMS x 57.21
RMS y 53.33
side N [adc counts]
side P [adc counts]

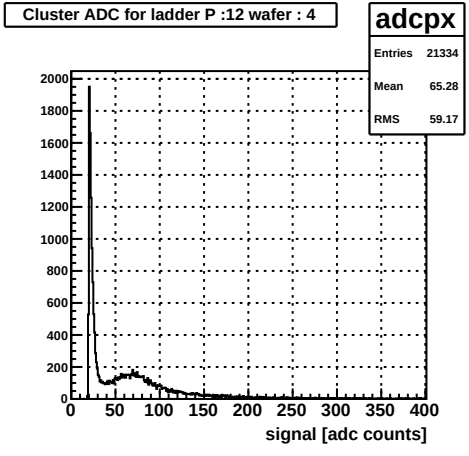

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 14999
Mean 92.38
RMS 65.7
signal [adc counts]

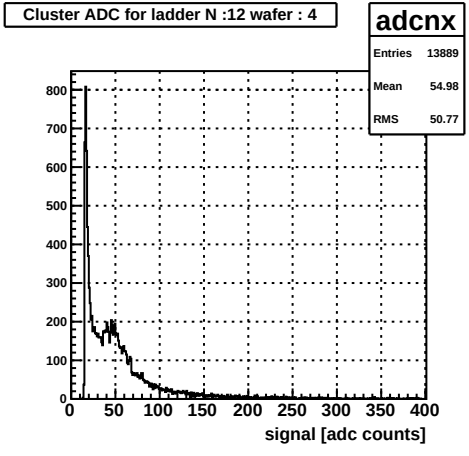

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 15414
Mean 56.54
RMS 52.69
signal [adc counts]

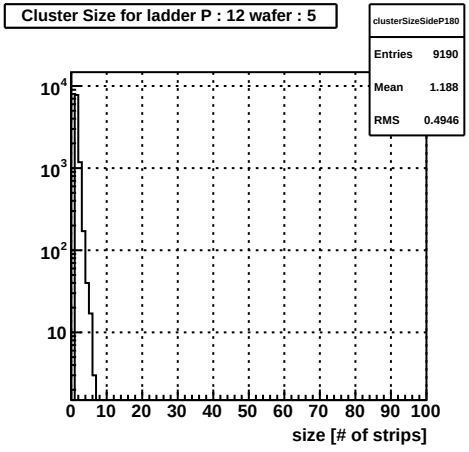

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 21334
Mean 1.29
RMS 0.6009
size [# of strips]

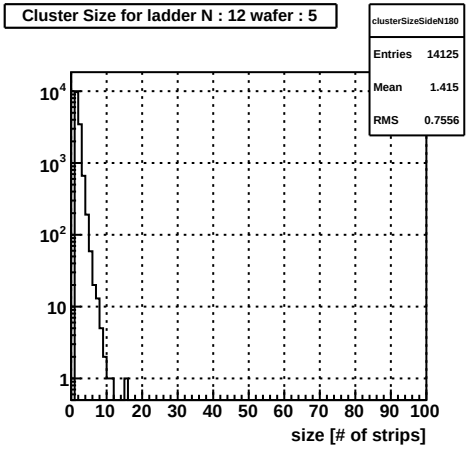

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 13889
Mean 1.44
RMS 0.7553
size [# of strips]

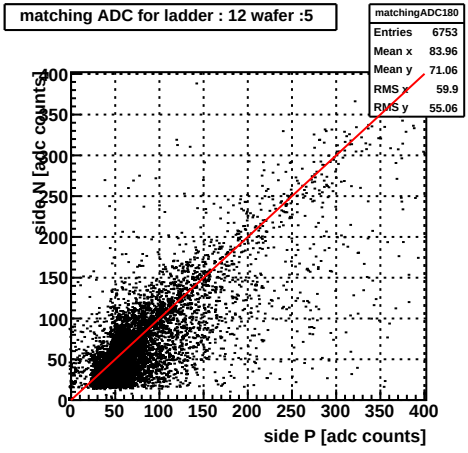

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 10080
Mean x 75.53
Mean y 59.72
RMS x 57.28
RMS y 49.18
side N [adc counts]
side P [adc counts]

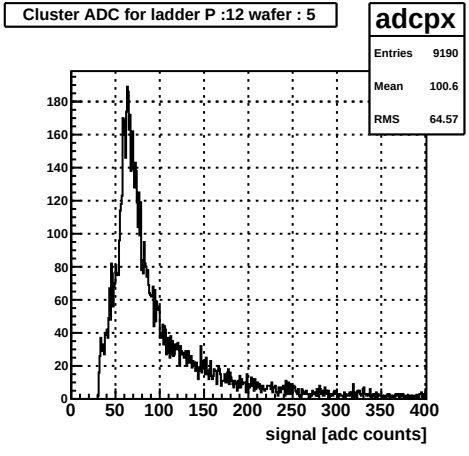

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 21334
Mean 65.28
RMS 59.17
signal [adc counts]

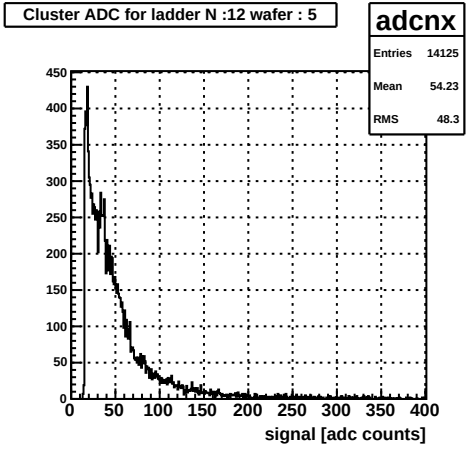

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 13889
Mean 54.98
RMS 50.77
signal [adc counts]

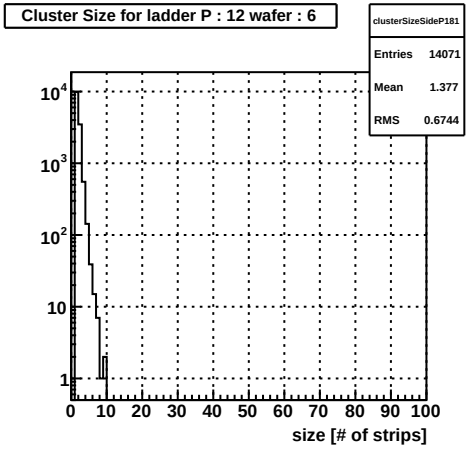

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 9190
Mean 1.188
RMS 0.4946
size [# of strips]

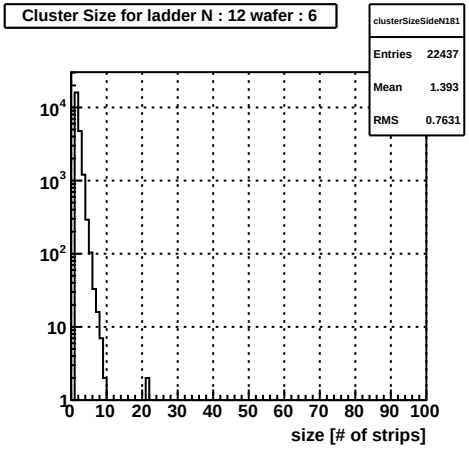

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14125
Mean 1.415
RMS 0.7556
size [# of strips]

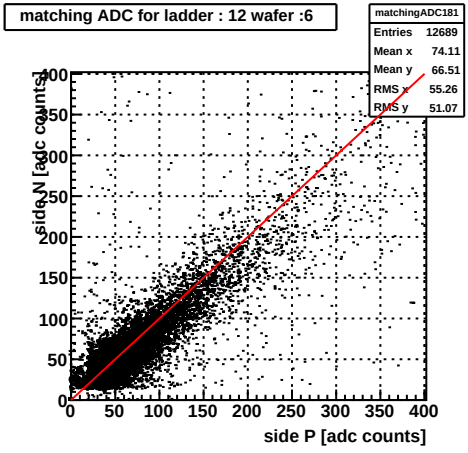

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 6753
Mean x 83.96
Mean y 71.06
RMS x 59.9
RMS y 55.06
side N [adc counts]
side P [adc counts]

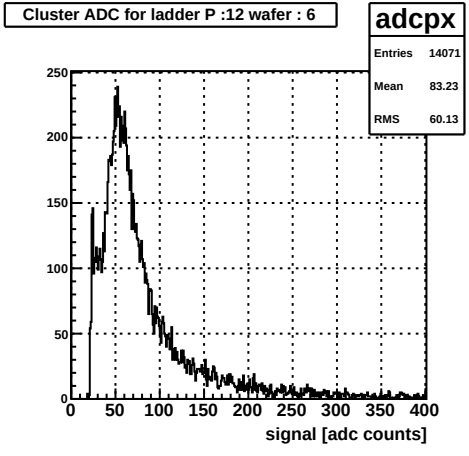

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 9190
Mean 100.6
RMS 64.57
signal [adc counts]

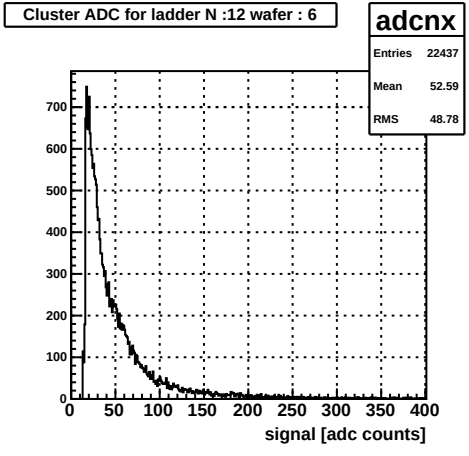

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14125
Mean 54.23
RMS 48.3
signal [adc counts]

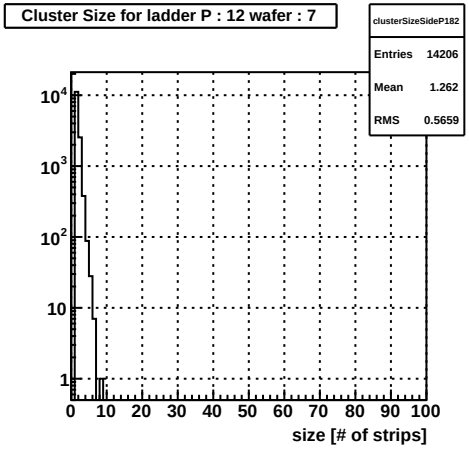

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 14071
Mean 1.377
RMS 0.6744
size [# of strips]

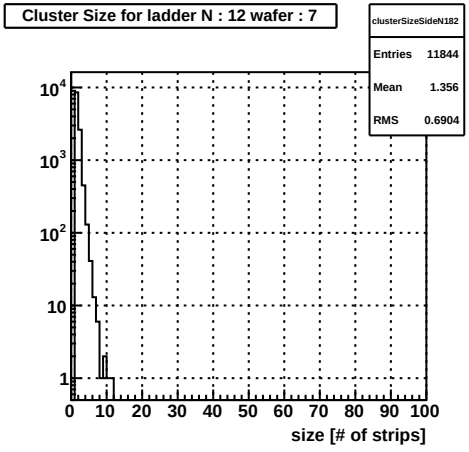

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 22437
Mean 1.393
RMS 0.7631
size [# of strips]

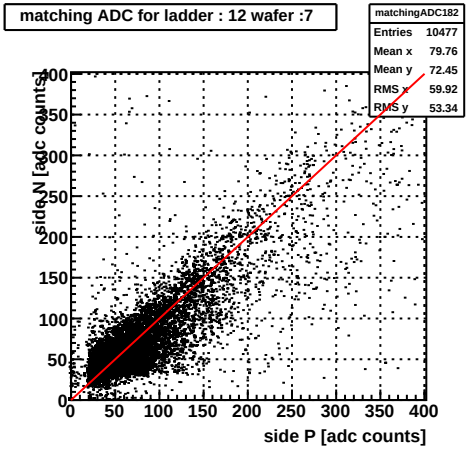

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 12689
Mean x 74.11
Mean y 66.51
RMS x 55.26
RMS y 51.07
side N [adc counts]
side P [adc counts]

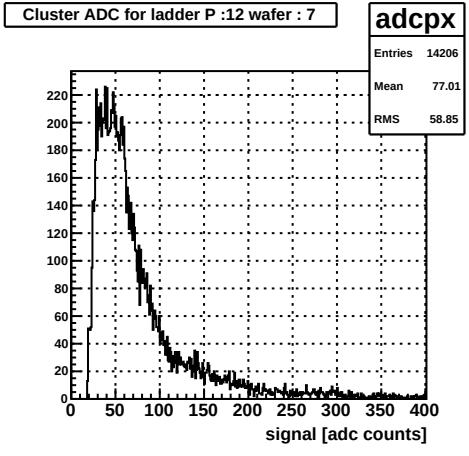

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 14071
Mean 83.23
RMS 60.13
signal [adc counts]

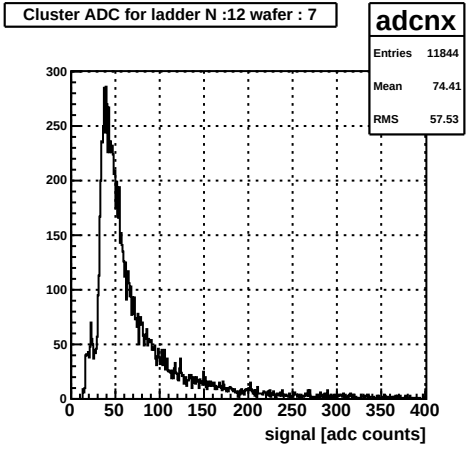

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 22437
Mean 52.59
RMS 48.78
signal [adc counts]

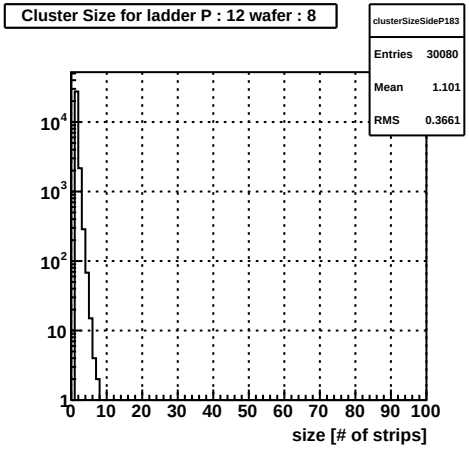

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 14206
Mean 1.262
RMS 0.5659
size [# of strips]

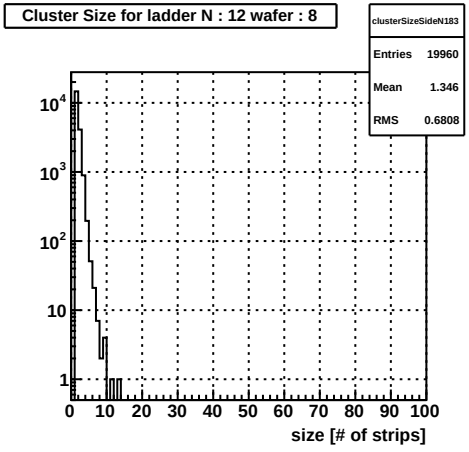

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 11844
Mean 1.356
RMS 0.6904
size [# of strips]

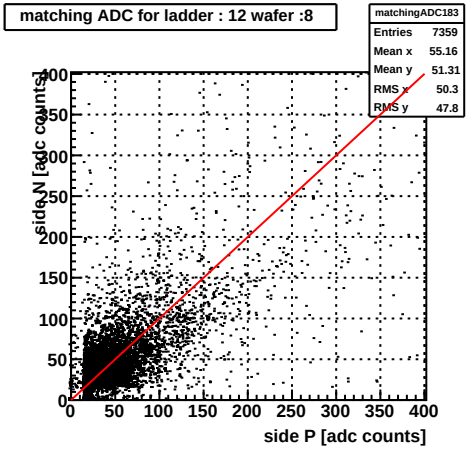

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 10477
Mean x 79.76
Mean y 72.45
RMS x 59.92
RMS y 53.34
side N [adc counts]
side P [adc counts]

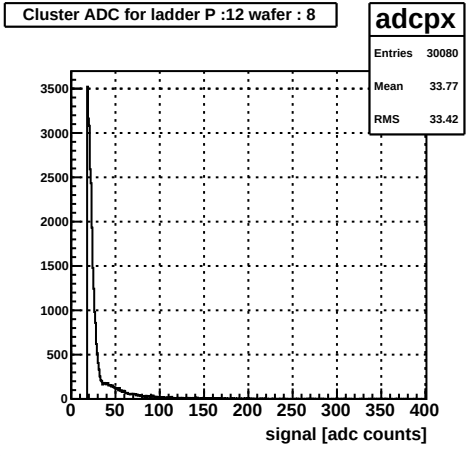

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 14206
Mean 77.01
RMS 58.85
signal [adc counts]

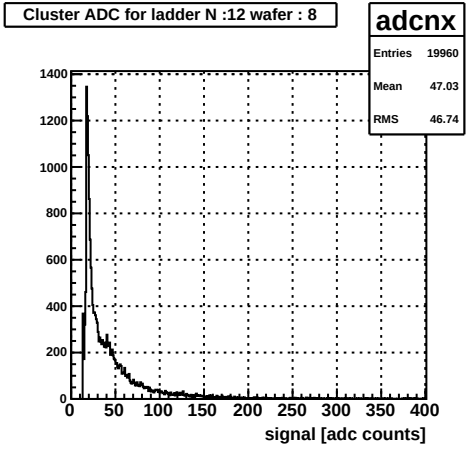

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 11844
Mean 74.41
RMS 57.53
signal [adc counts]

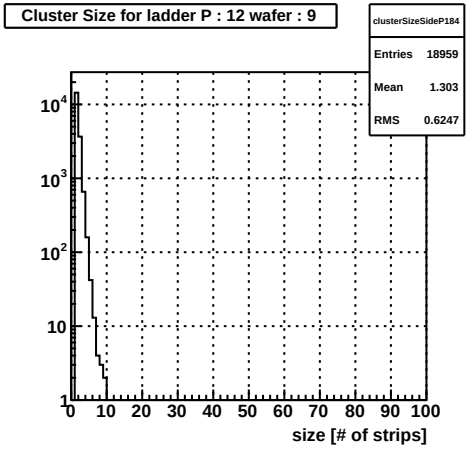

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 30080
Mean 1.101
RMS 0.3661
size [# of strips]

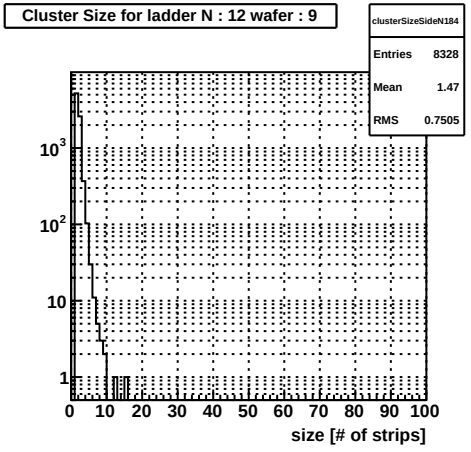

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 19960
Mean 1.346
RMS 0.6808
size [# of strips]

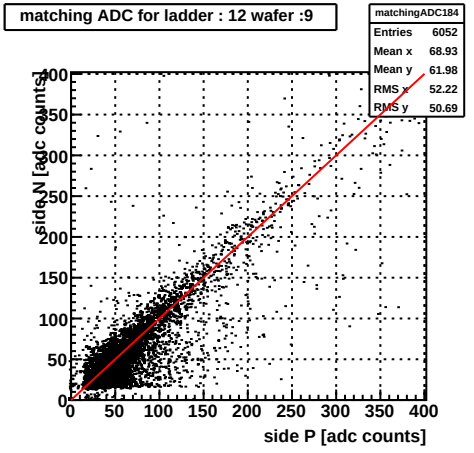

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 7359
Mean x 55.16
Mean y 51.31
RMS x 50.3
RMS y 47.8
side N [adc counts]
side P [adc counts]

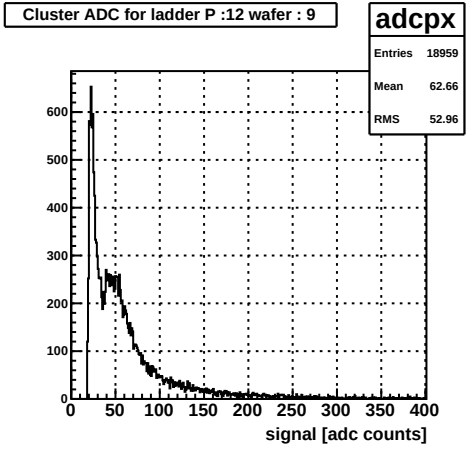

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 30080
Mean 33.77
RMS 33.42
signal [adc counts]

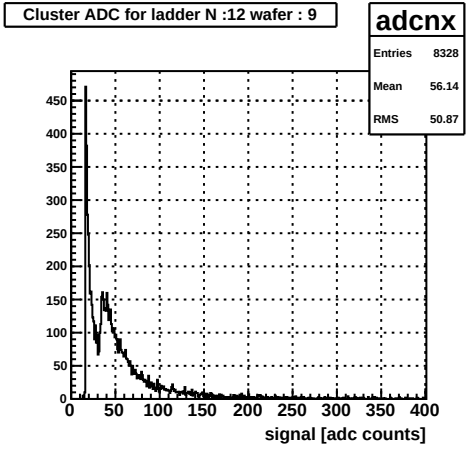

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 19960
Mean 47.03
RMS 46.74
signal [adc counts]

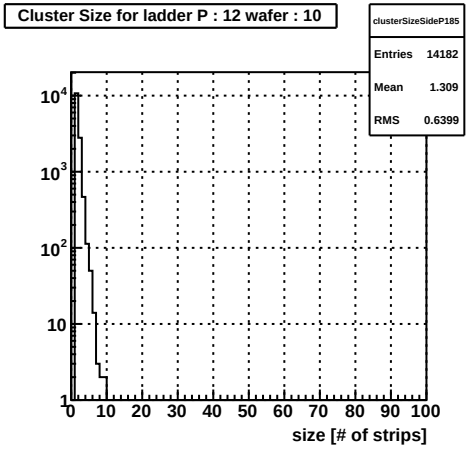

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 18959
Mean 1.303
RMS 0.6247
size [# of strips]

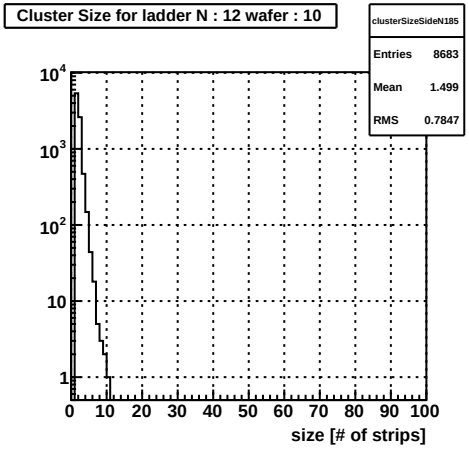

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8328
Mean 1.47
RMS 0.7505
size [# of strips]

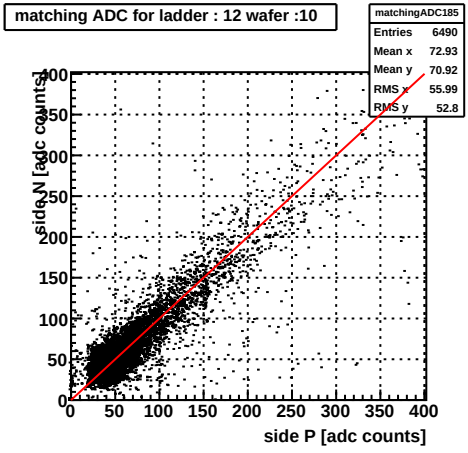

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 6052
Mean x 68.93
Mean y 61.98
RMS x 52.22
RMS y 50.69
side N [adc counts]
side P [adc counts]

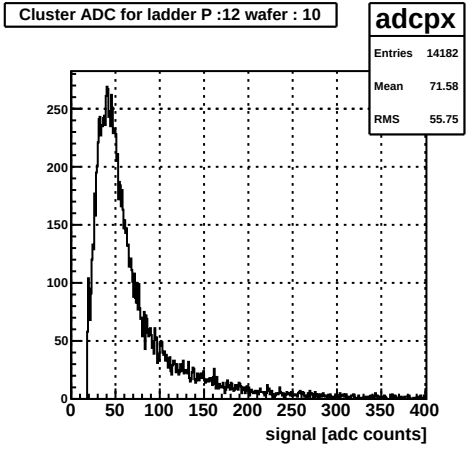

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 18959
Mean 62.66
RMS 52.96
signal [adc counts]

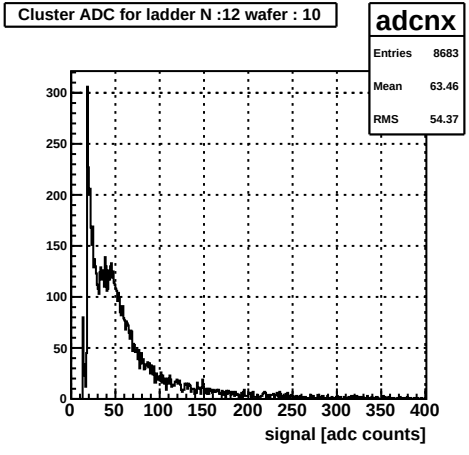

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8328
Mean 56.14
RMS 50.87
signal [adc counts]

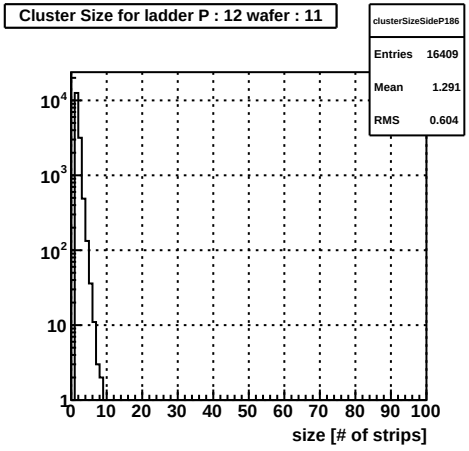

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 14182
Mean 1.309
RMS 0.6399
size [# of strips]

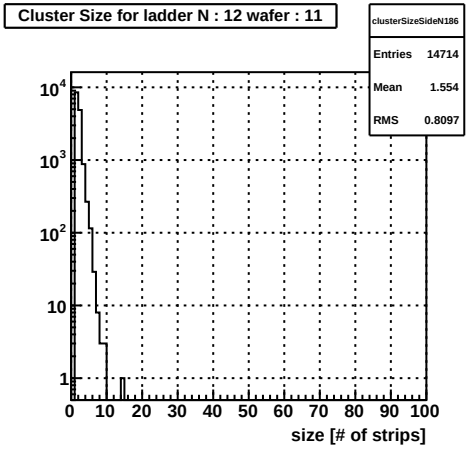

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 8683
Mean 1.499
RMS 0.7847
size [# of strips]

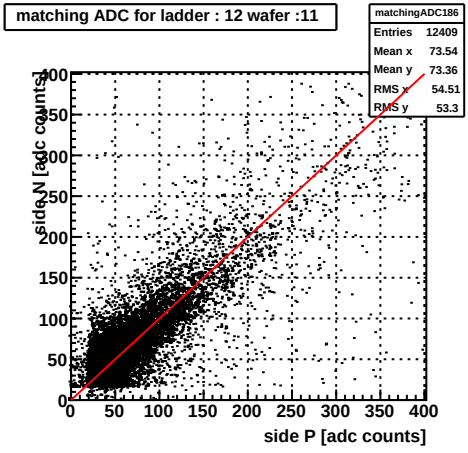

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 6490
Mean x 72.93
Mean y 70.92
RMS x 55.99
RMS y 52.8
side N [adc counts]
side P [adc counts]

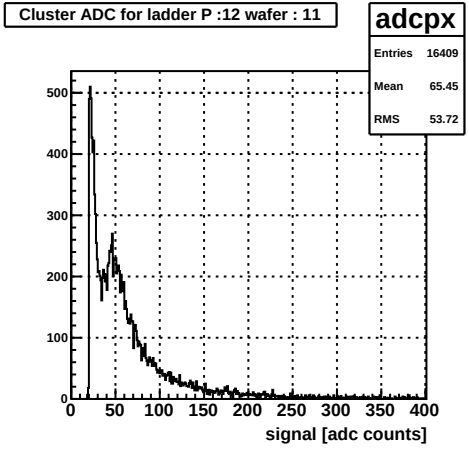

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 14182
Mean 71.58
RMS 55.75
signal [adc counts]

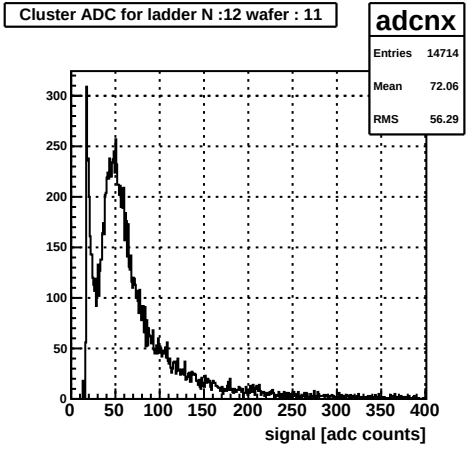

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 8683
Mean 63.46
RMS 54.37
signal [adc counts]

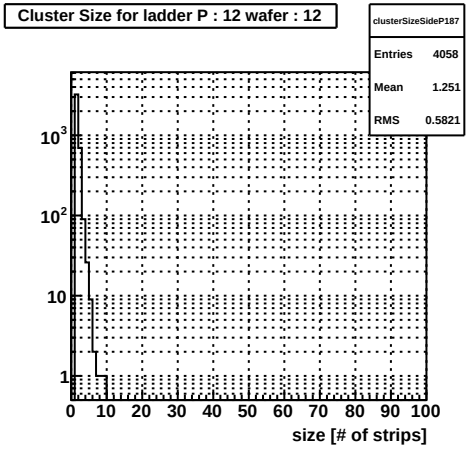

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 16409
Mean 1.291
RMS 0.604
size [# of strips]

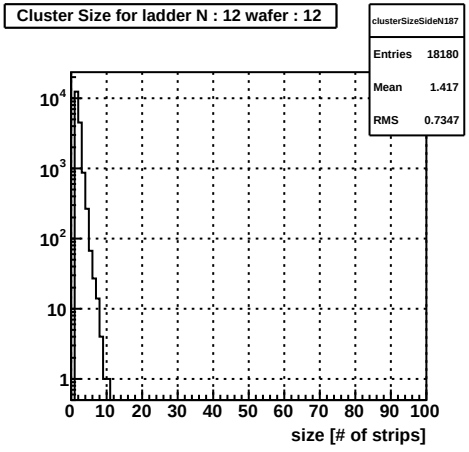

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 14714
Mean 1.554
RMS 0.8097
size [# of strips]

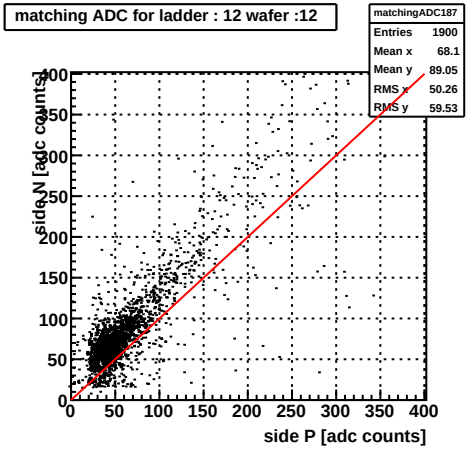

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 12409
Mean x 73.54
Mean y 73.36
RMS x 54.51
RMS y 53.3
side N [adc counts]
side P [adc counts]

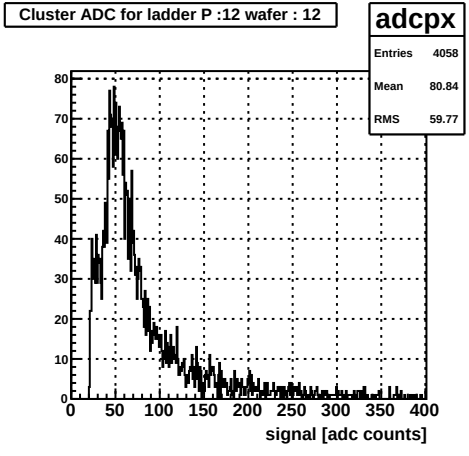

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 16409
Mean 65.45
RMS 53.72
signal [adc counts]

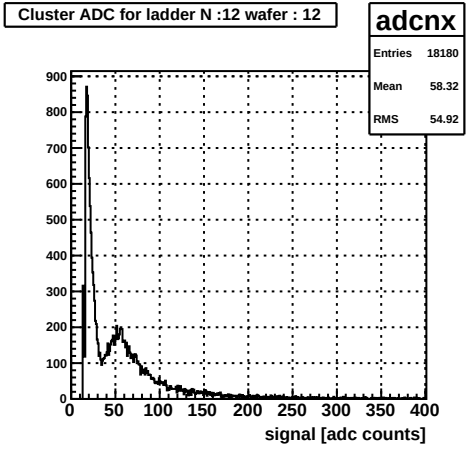

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 14714
Mean 72.06
RMS 56.29
signal [adc counts]

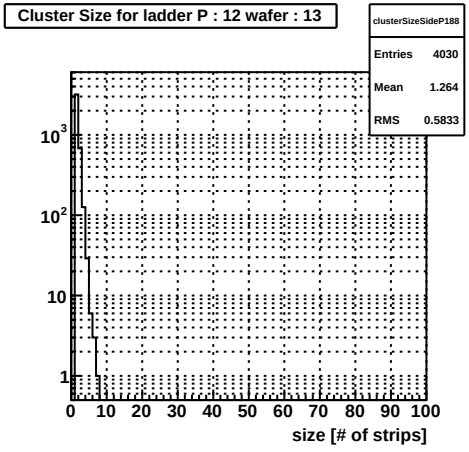

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4058
Mean 1.251
RMS 0.5821
size [# of strips]

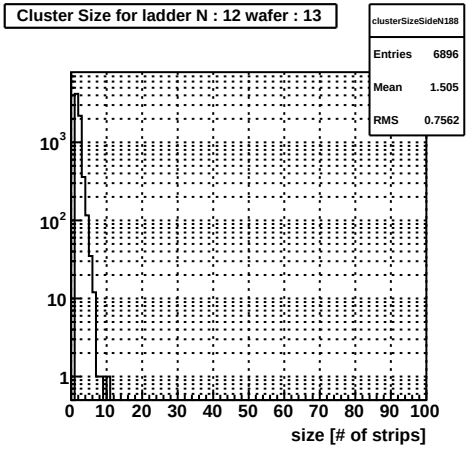

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 18180
Mean 1.417
RMS 0.7347
size [# of strips]

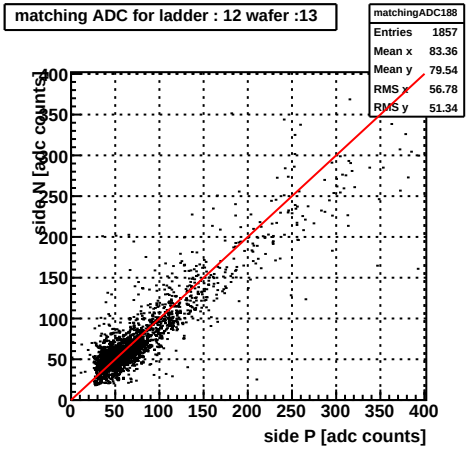

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1900
Mean x 68.1
Mean y 89.05
RMS x 50.26
RMS y 59.53
side N [adc counts]
side P [adc counts]

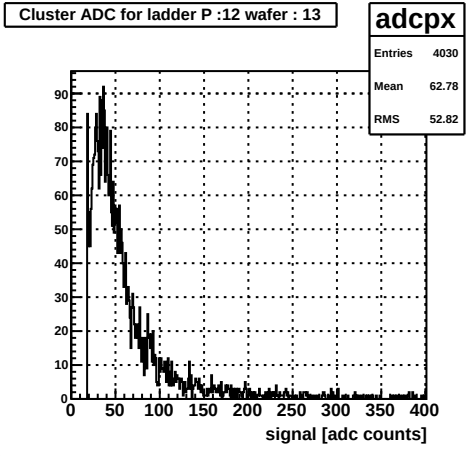

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4058
Mean 80.84
RMS 59.77
signal [adc counts]

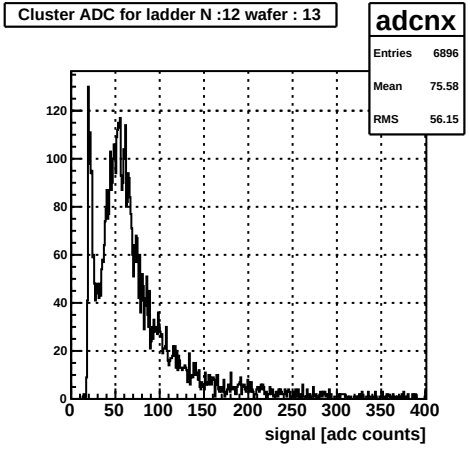

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 18180
Mean 58.32
RMS 54.92
signal [adc counts]

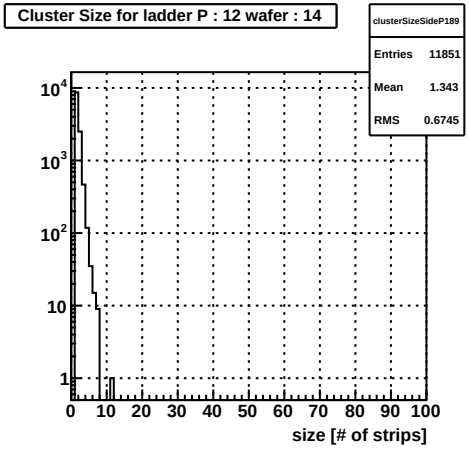

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4030
Mean 1.264
RMS 0.5833
size [# of strips]

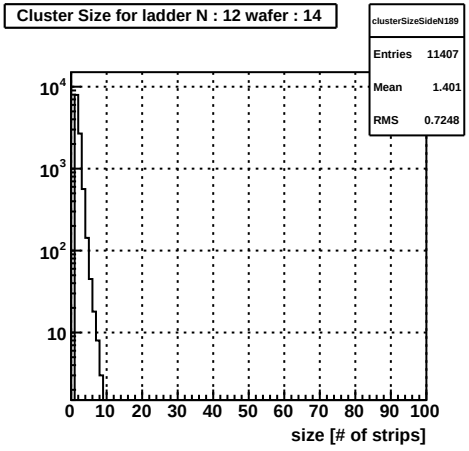

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 6896
Mean 1.505
RMS 0.7562
size [# of strips]

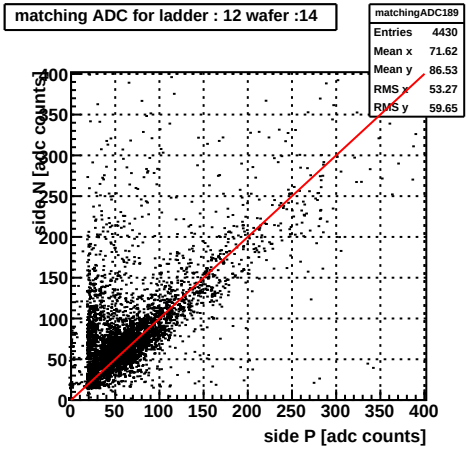

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1857
Mean x 83.36
Mean y 79.54
RMS x 56.78
RMS y 51.34
side N [adc counts]
side P [adc counts]

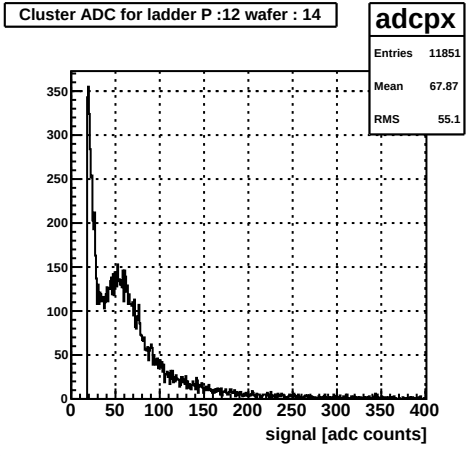

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4030
Mean 62.78
RMS 52.82
signal [adc counts]

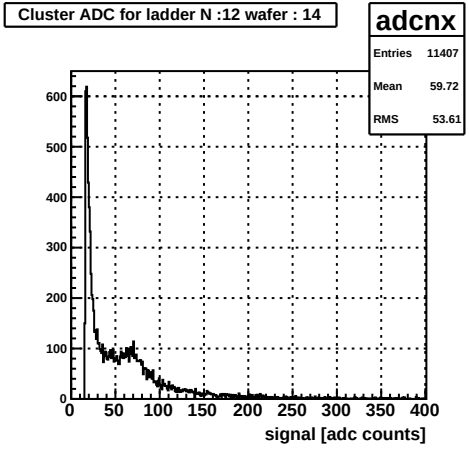

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 6896
Mean 75.58
RMS 56.15
signal [adc counts]

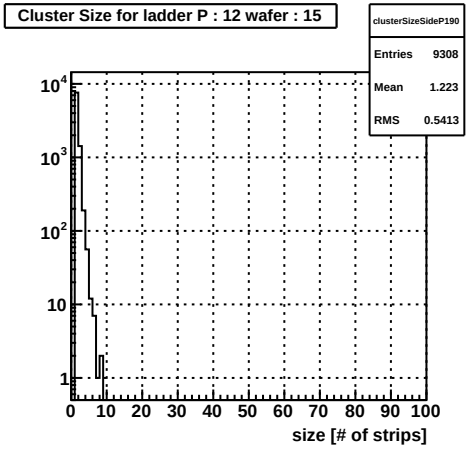

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 11851
Mean 1.343
RMS 0.6745
size [# of strips]

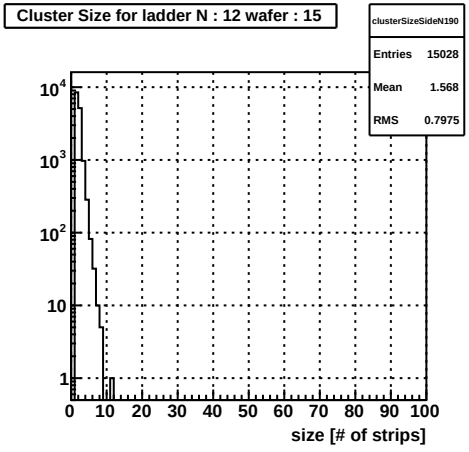

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 11407
Mean 1.401
RMS 0.7248
size [# of strips]

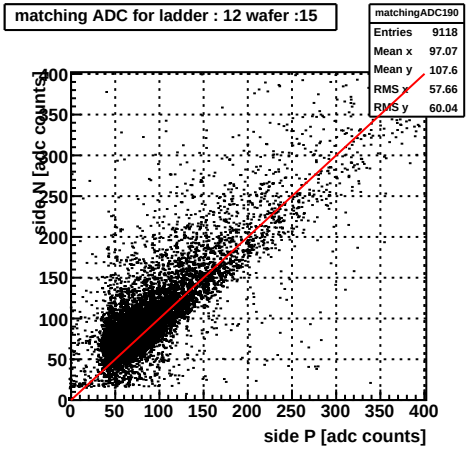

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4430
Mean x 71.62
Mean y 86.53
RMS x 53.27
RMS y 59.65
side N [adc counts]
side P [adc counts]

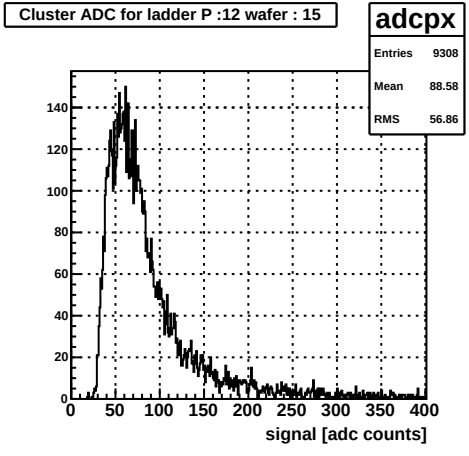

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 11851
Mean 67.87
RMS 55.1
signal [adc counts]

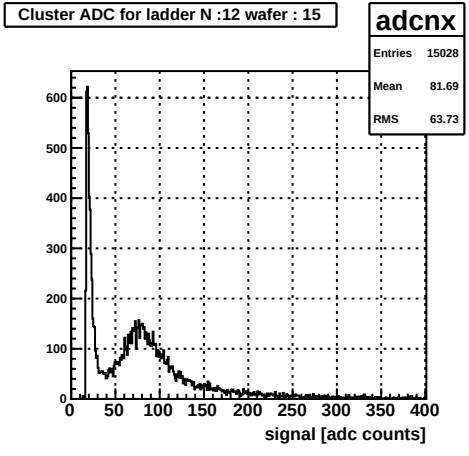

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 11407
Mean 59.72
RMS 53.61
signal [adc counts]

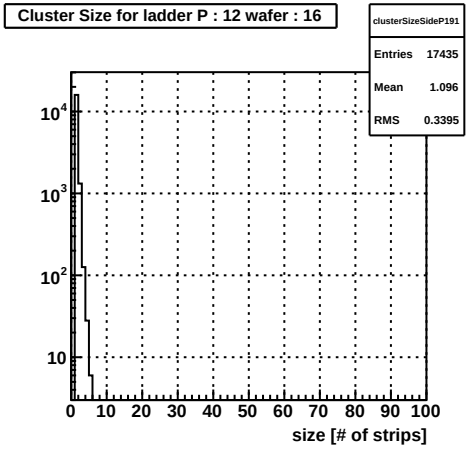

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 9308
Mean 1.223
RMS 0.5413
size [# of strips]

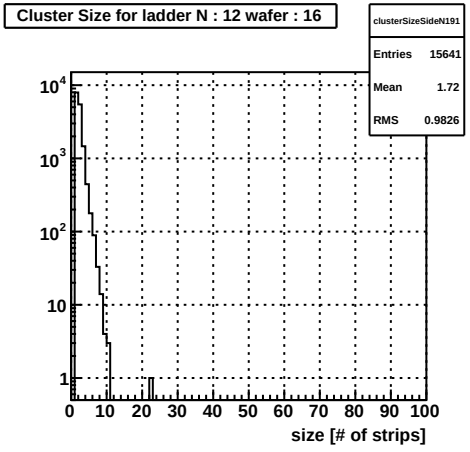

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 15028
Mean 1.568
RMS 0.7975
size [# of strips]

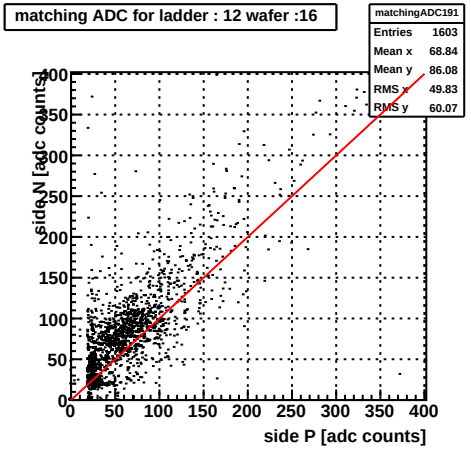

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 9118
Mean x 97.07
Mean y 107.6
RMS x 57.66
RMS y 60.04
side N [adc counts]
side P [adc counts]

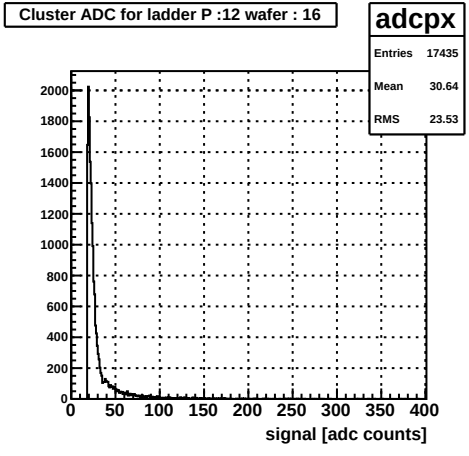

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 9308
Mean 88.58
RMS 56.86
signal [adc counts]

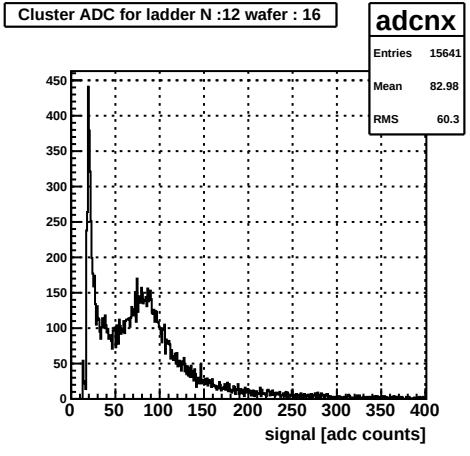

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 15028
Mean 81.69
RMS 63.73
signal [adc counts]

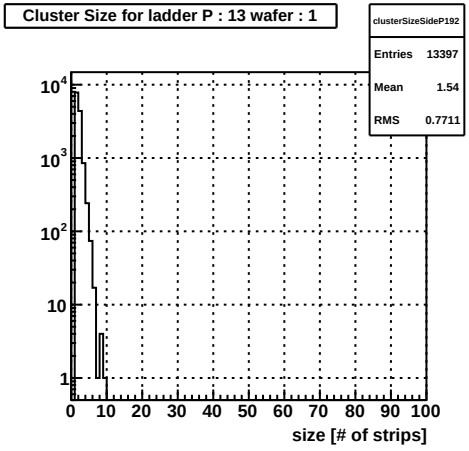

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 17435
Mean 1.096
RMS 0.3395
size [# of strips]

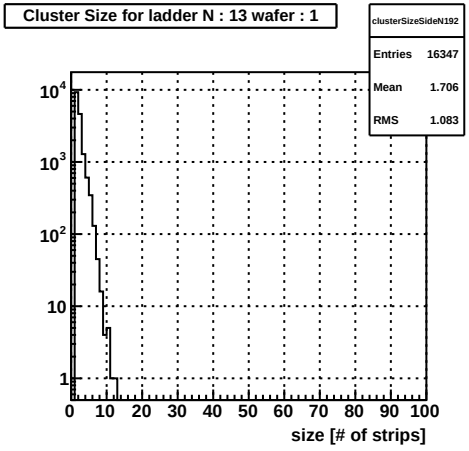

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15641
Mean 1.72
RMS 0.9826
size [# of strips]

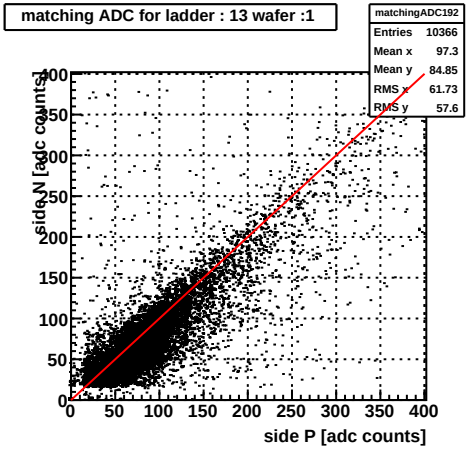

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1603
Mean x 68.84
Mean y 86.08
RMS x 49.83
RMS y 60.07
side N [adc counts]
side P [adc counts]

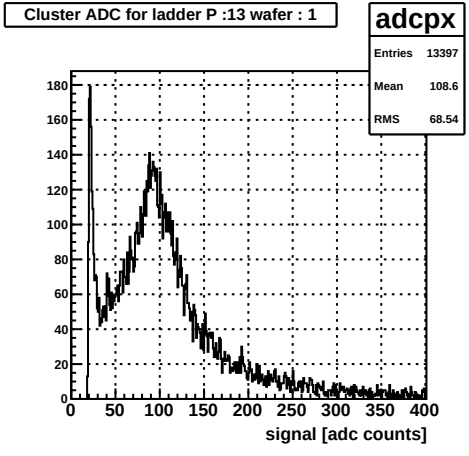

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 17435
Mean 30.64
RMS 23.53
signal [adc counts]

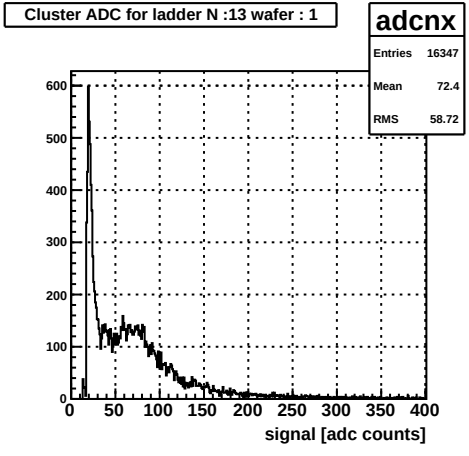

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15641
Mean 82.98
RMS 60.3
signal [adc counts]

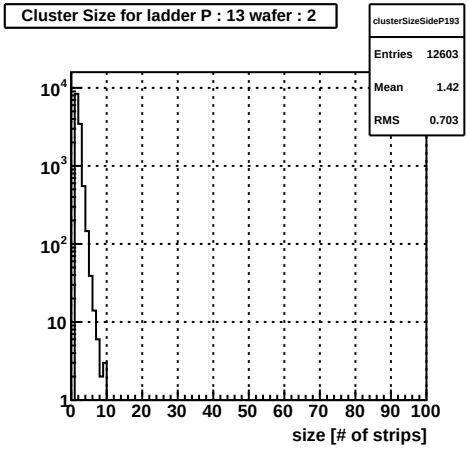

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 13397
Mean 1.54
RMS 0.7711
size [# of strips]

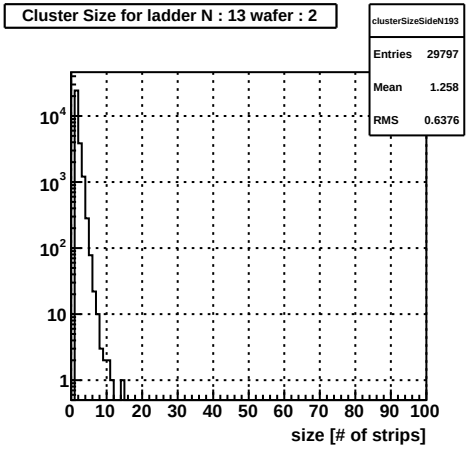

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 16347
Mean 1.706
RMS 1.083
size [# of strips]

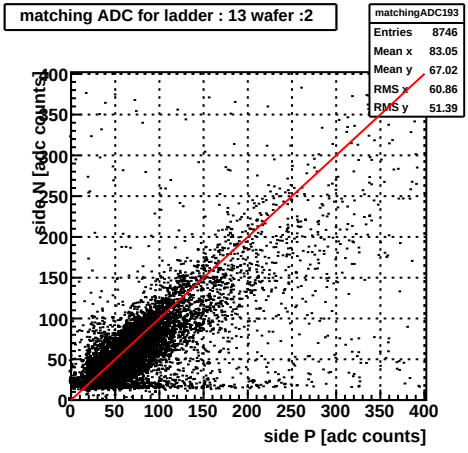

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 10366
Mean x 97.3
Mean y 84.85
RMS x 61.73
RMS y 57.6
side N [adc counts]
side P [adc counts]

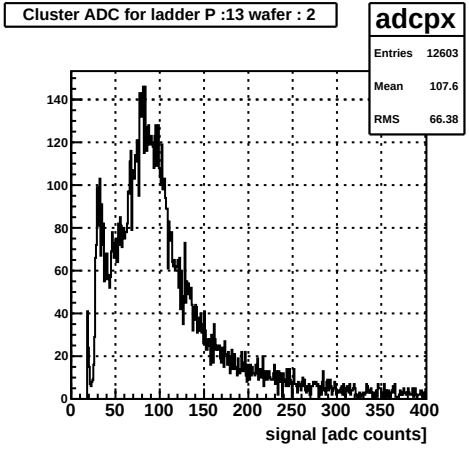

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 13397
Mean 108.6
RMS 68.54
signal [adc counts]

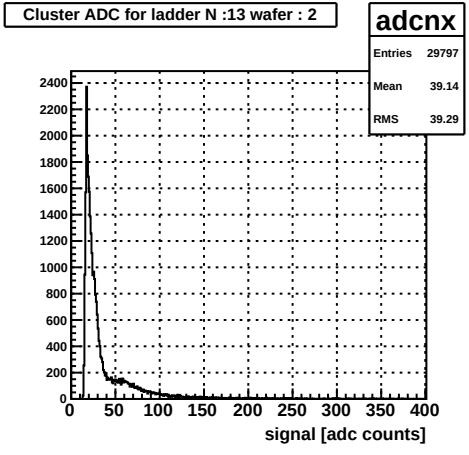

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 16347
Mean 72.4
RMS 58.72
signal [adc counts]

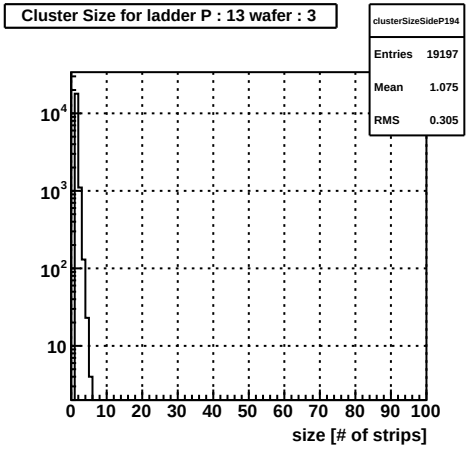

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 12603
Mean 1.42
RMS 0.703
size [# of strips]

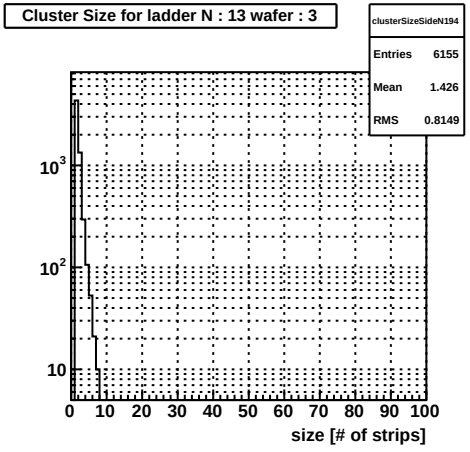

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 29797
Mean 1.258
RMS 0.6376
size [# of strips]

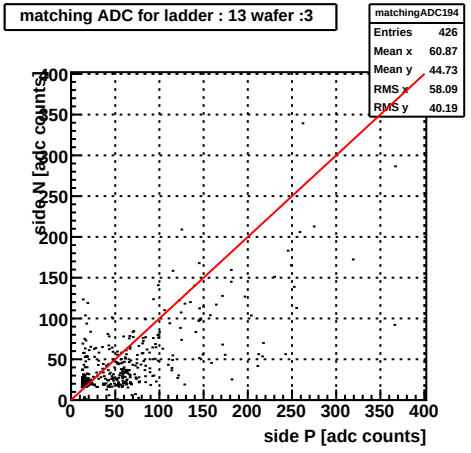

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 8746
Mean x 83.05
Mean y 67.02
RMS x 60.86
RMS y 51.39
side N [adc counts]
side P [adc counts]

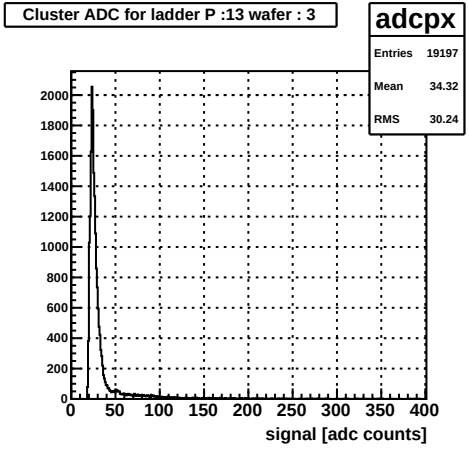

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 12603
Mean 107.6
RMS 66.38
signal [adc counts]

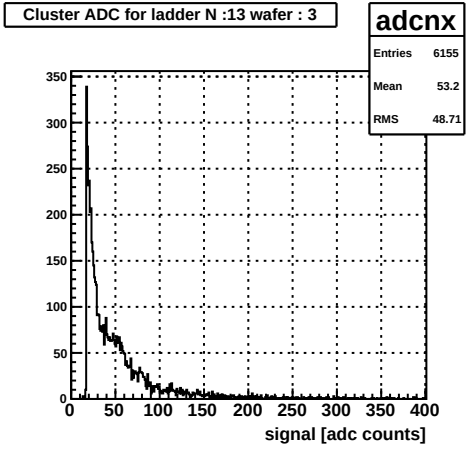

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 29797
Mean 39.14
RMS 39.29
signal [adc counts]

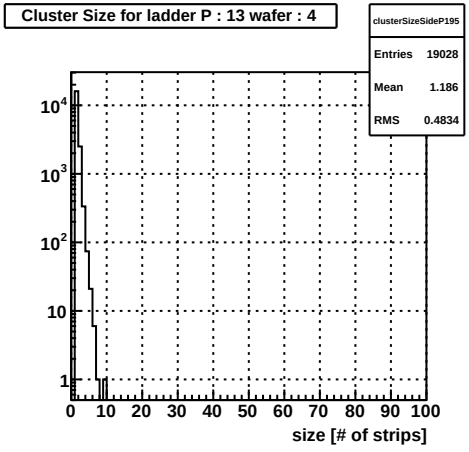

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 19197
Mean 1.075
RMS 0.305
size [# of strips]

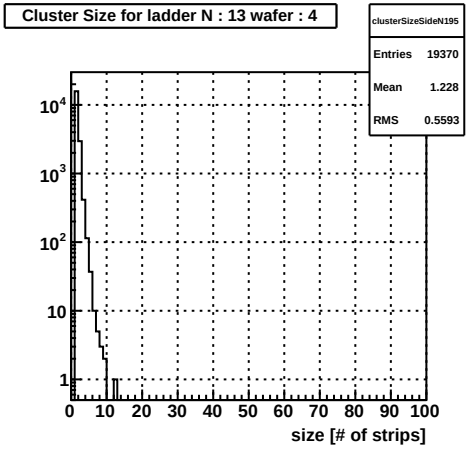

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 6155
Mean 1.426
RMS 0.8149
size [# of strips]

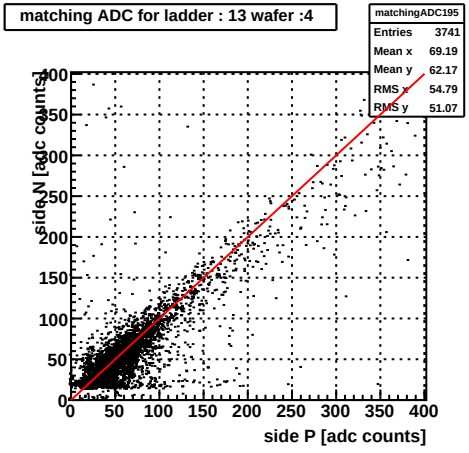

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 426
Mean x 60.87
Mean y 44.73
RMS x 58.09
RMS y 40.19
side N [adc counts]
side P [adc counts]

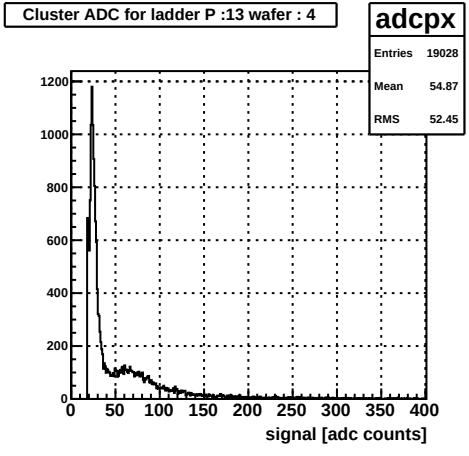

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 19197
Mean 34.32
RMS 30.24
signal [adc counts]

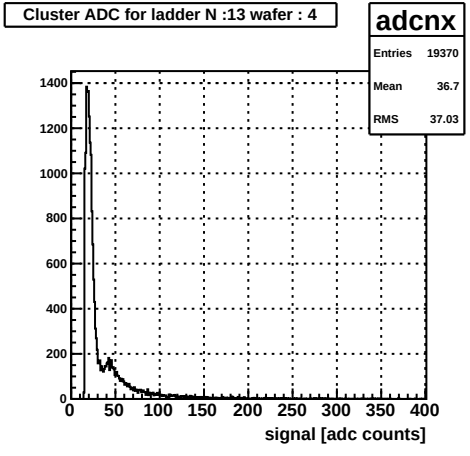

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 6155
Mean 53.2
RMS 48.71
signal [adc counts]

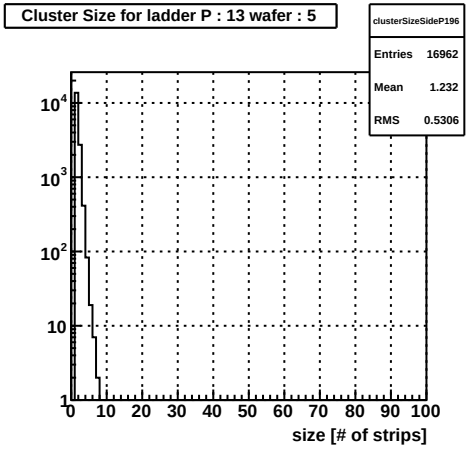

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19028
Mean 1.186
RMS 0.4834
size [# of strips]

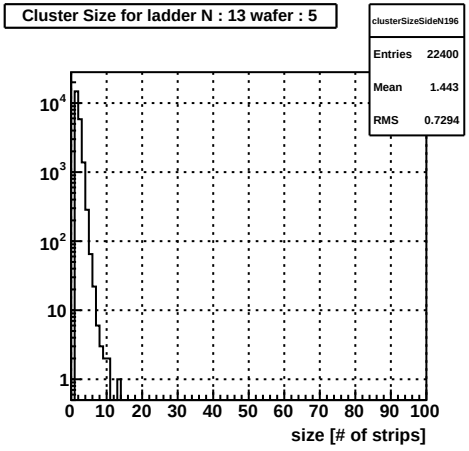

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 19370
Mean 1.228
RMS 0.5593
size [# of strips]

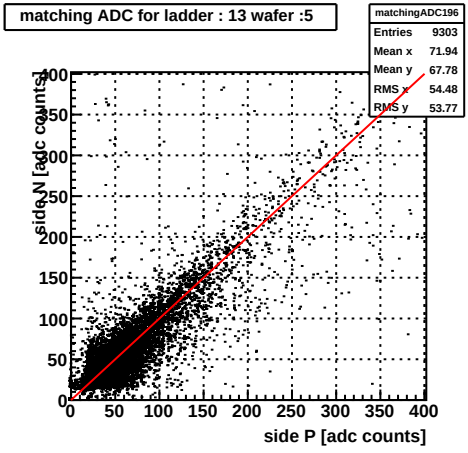

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 3741
Mean x 69.19
Mean y 62.17
RMS x 54.79
RMS y 51.07
side N [adc counts]
side P [adc counts]

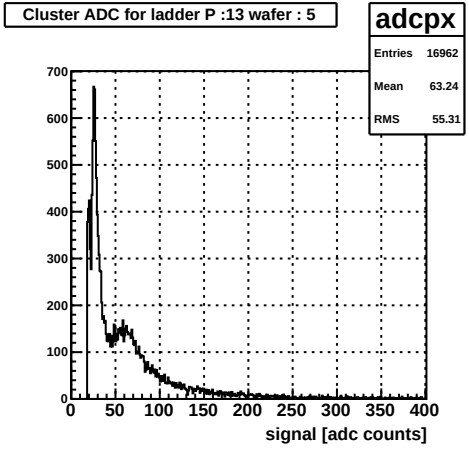

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19028
Mean 54.87
RMS 52.45
signal [adc counts]

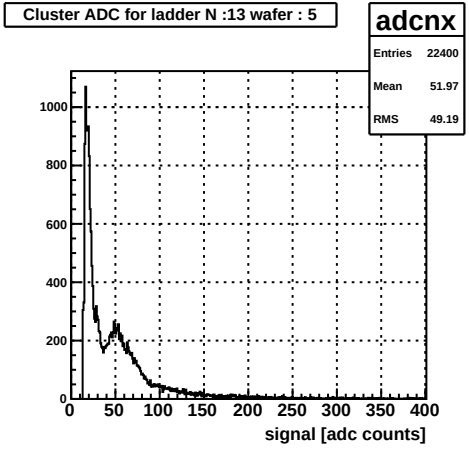

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 19370
Mean 36.7
RMS 37.03
signal [adc counts]

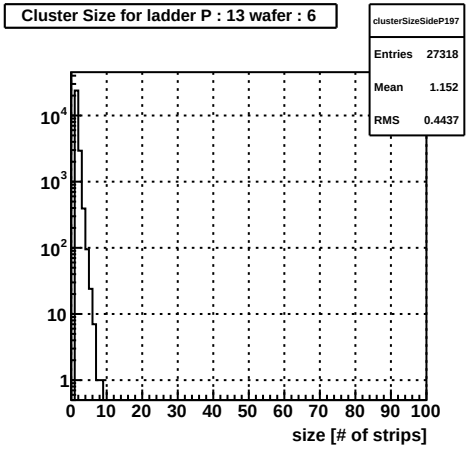

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 16962
Mean 1.232
RMS 0.5306
size [# of strips]

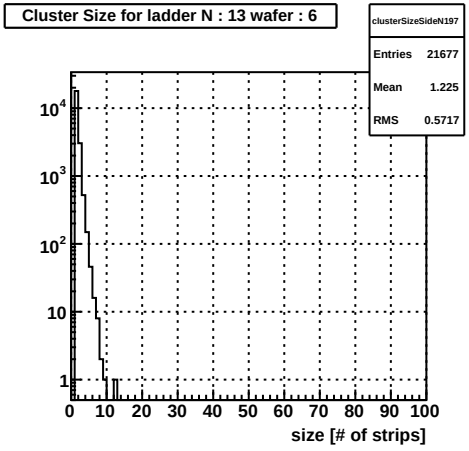

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 22400
Mean 1.443
RMS 0.7294
size [# of strips]

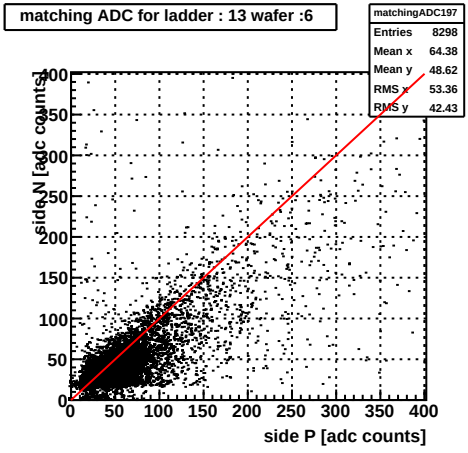

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 9303
Mean x 71.94
Mean y 67.78
RMS x 54.48
RMS y 53.77
side N [adc counts]
side P [adc counts]

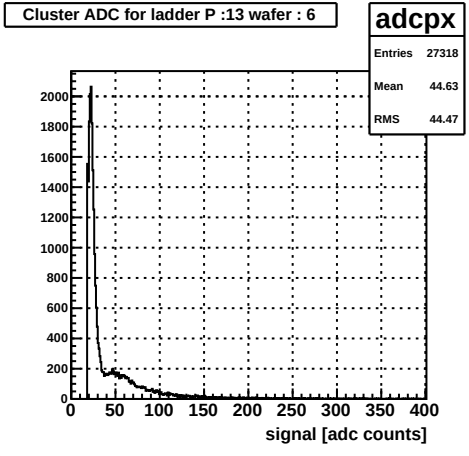

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 16962
Mean 63.24
RMS 55.31
signal [adc counts]

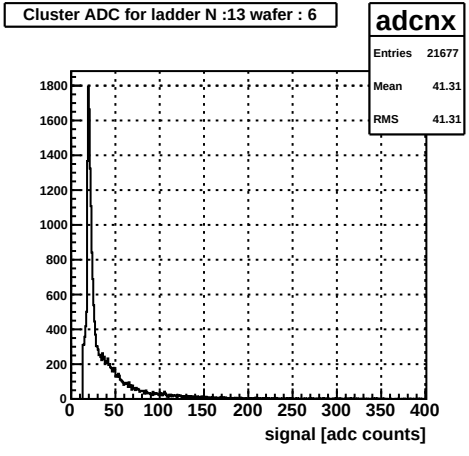

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 22400
Mean 51.97
RMS 49.19
signal [adc counts]

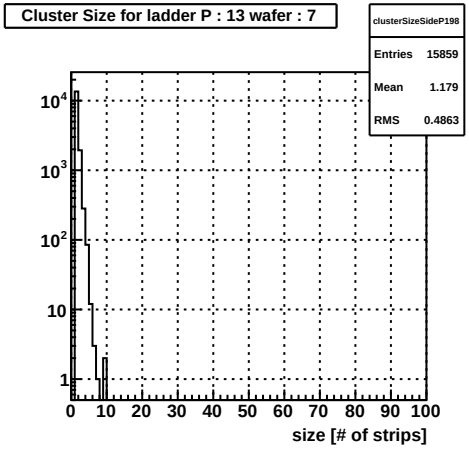

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 27318
Mean 1.152
RMS 0.4437
size [# of strips]

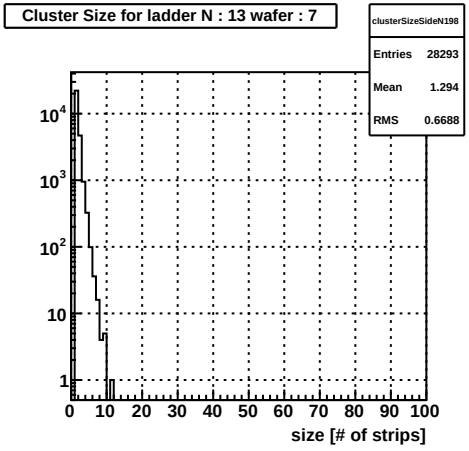

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 21677
Mean 1.225
RMS 0.5717
size [# of strips]

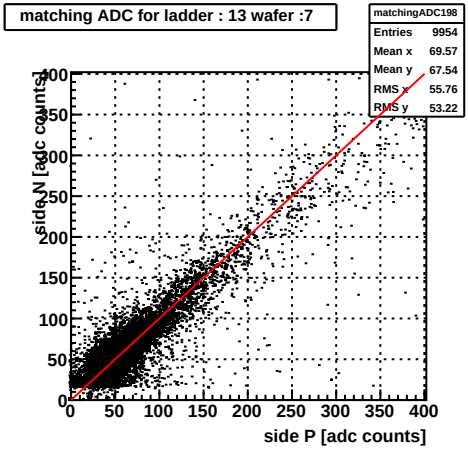

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8298
Mean x 64.38
Mean y 48.62
RMS x 53.36
RMS y 42.43
side N [adc counts]
side P [adc counts]

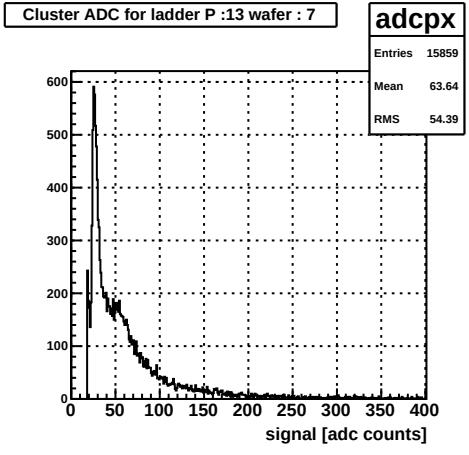

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 27318
Mean 44.63
RMS 44.47
signal [adc counts]

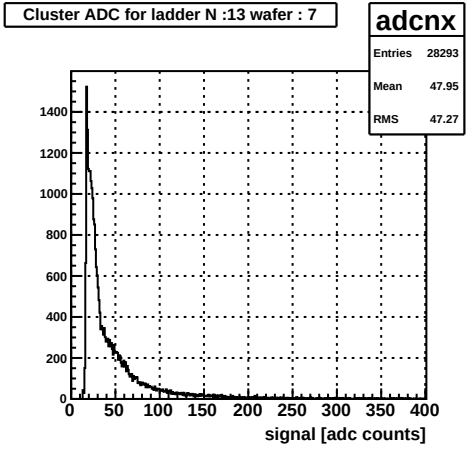

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 21677
Mean 41.31
RMS 41.31
signal [adc counts]

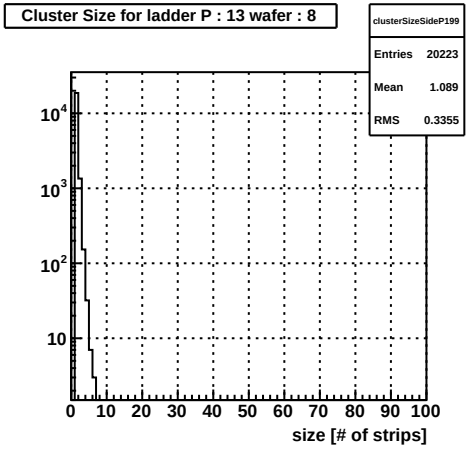

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 15859
Mean 1.179
RMS 0.4863
size [# of strips]

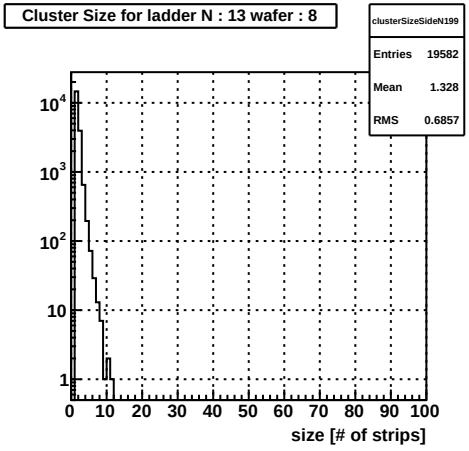

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 28293
Mean 1.294
RMS 0.6688
size [# of strips]

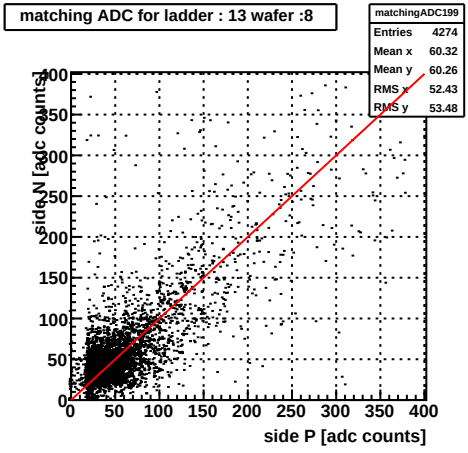

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 9954
Mean x 69.57
Mean y 67.54
RMS x 55.76
RMS y 53.22
side N [adc counts]
side P [adc counts]

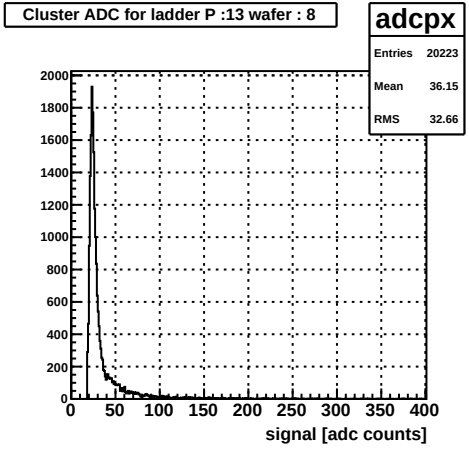

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 15859
Mean 63.64
RMS 54.39
signal [adc counts]

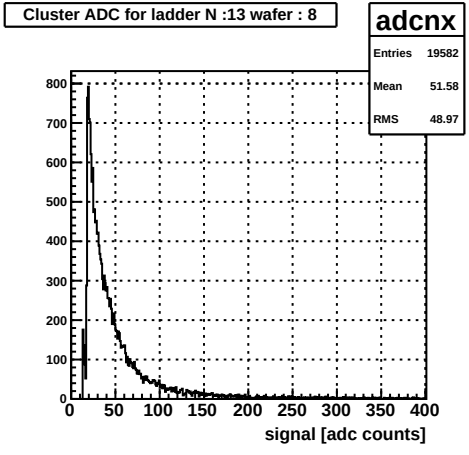

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 28293
Mean 47.95
RMS 47.27
signal [adc counts]

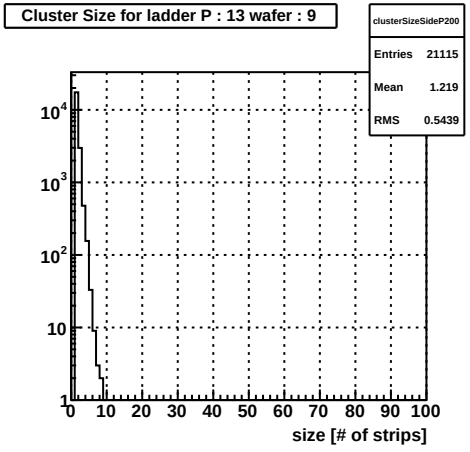

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 20223
Mean 1.089
RMS 0.3355
size [# of strips]

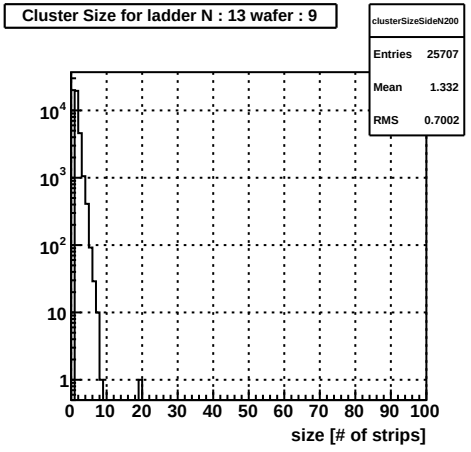

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 19582
Mean 1.328
RMS 0.6857
size [# of strips]

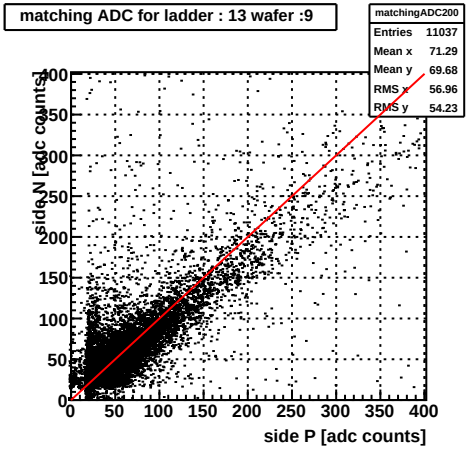

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4274
Mean x 60.32
Mean y 60.26
RMS x 52.43
RMS y 53.48
side N [adc counts]
side P [adc counts]

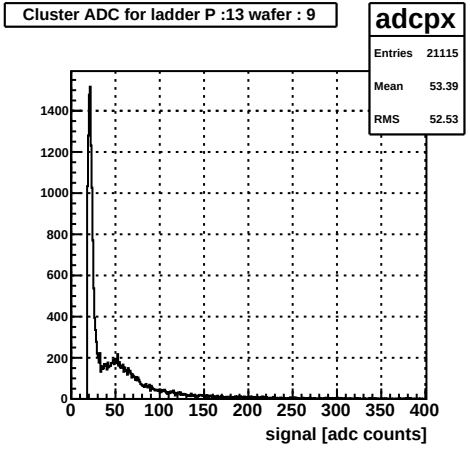

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 20223
Mean 36.15
RMS 32.66
signal [adc counts]

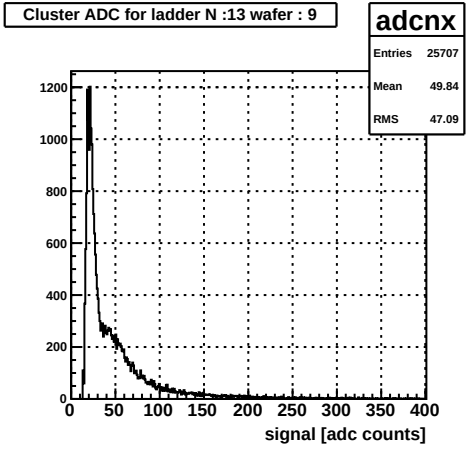

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 19582
Mean 51.58
RMS 48.97
signal [adc counts]

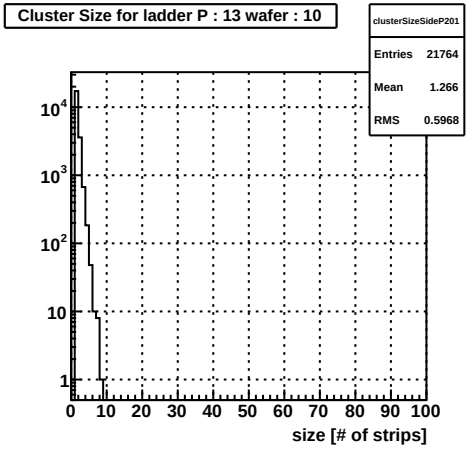

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 21115
Mean 1.219
RMS 0.5439
size [# of strips]

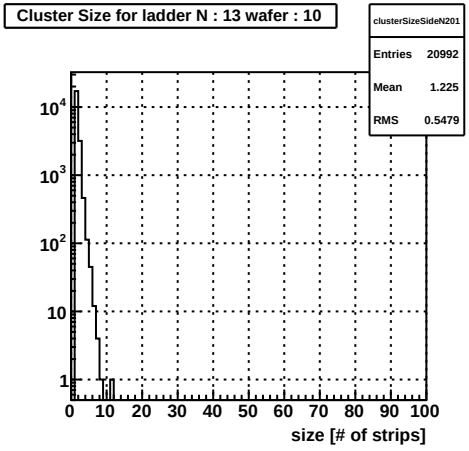

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 25707
Mean 1.332
RMS 0.7002
size [# of strips]

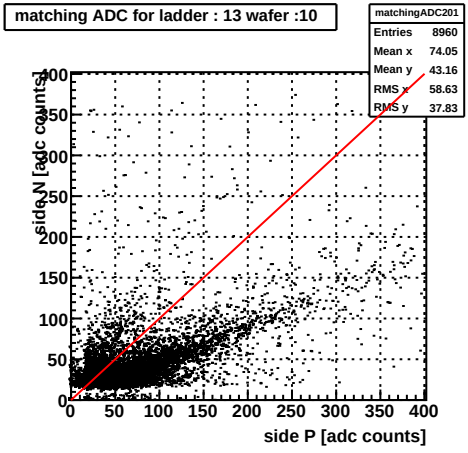

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 11037
Mean x 71.29
Mean y 69.68
RMS x 56.96
RMS y 54.23
side N [adc counts]
side P [adc counts]

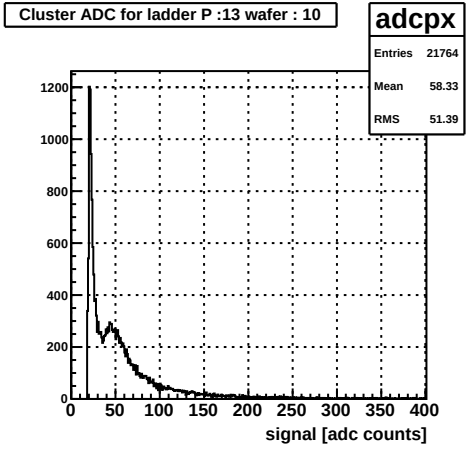

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 21115
Mean 53.39
RMS 52.53
signal [adc counts]

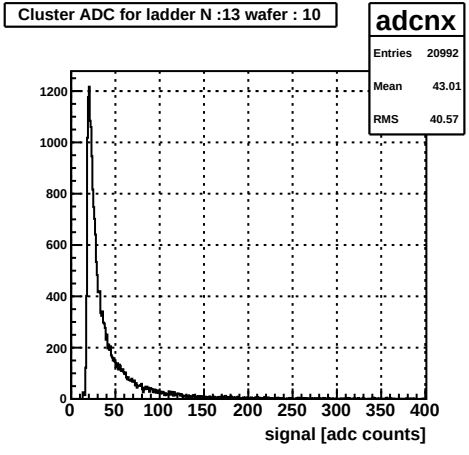

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 25707
Mean 49.84
RMS 47.09
signal [adc counts]

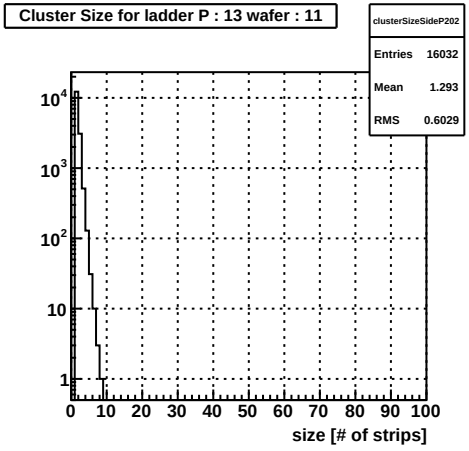

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 21764
Mean 1.266
RMS 0.5968
size [# of strips]

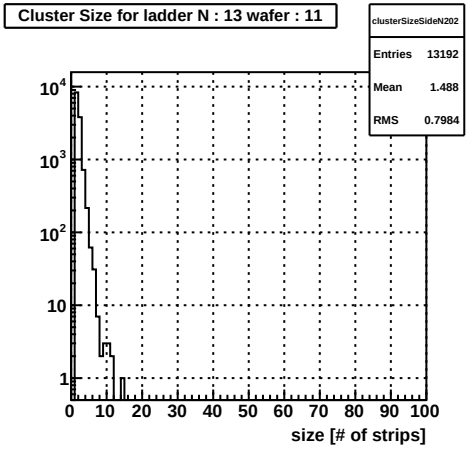

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 20992
Mean 1.225
RMS 0.5479
size [# of strips]

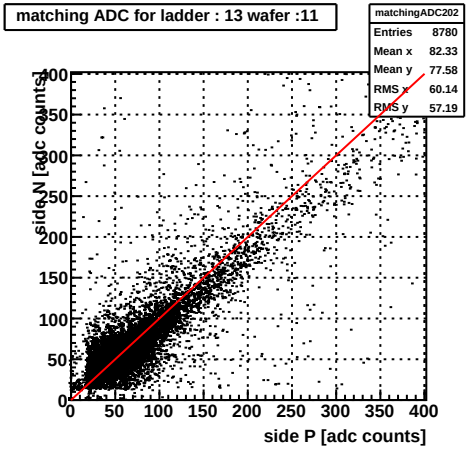

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 8960
Mean x 74.05
Mean y 43.16
RMS x 58.63
RMS y 37.83
side N [adc counts]
side P [adc counts]

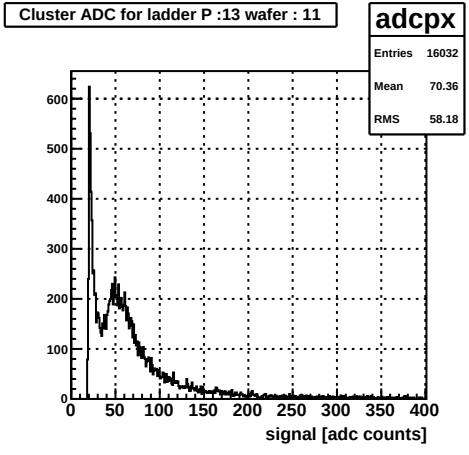

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 21764
Mean 58.33
RMS 51.39
signal [adc counts]

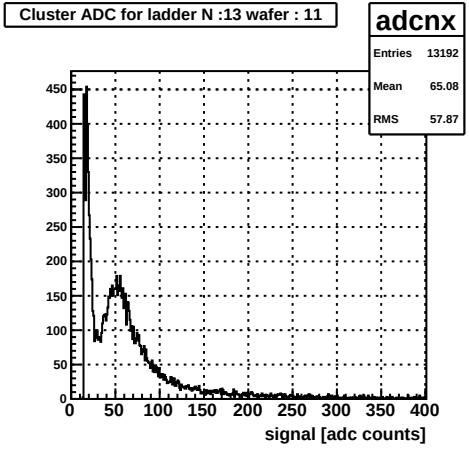

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 20992
Mean 43.01
RMS 40.57
signal [adc counts]

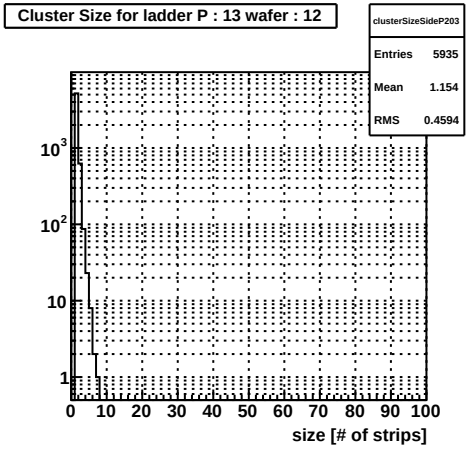

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 16032
Mean 1.293
RMS 0.6029
size [# of strips]

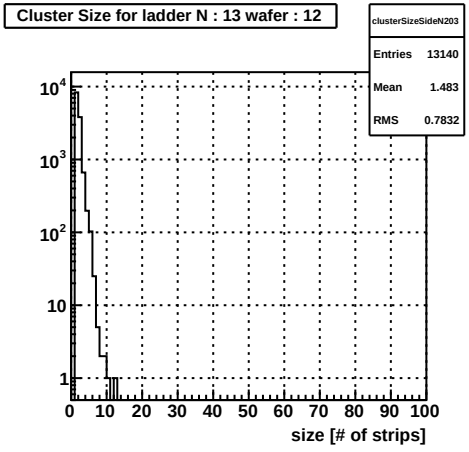

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 13192
Mean 1.488
RMS 0.7984
size [# of strips]

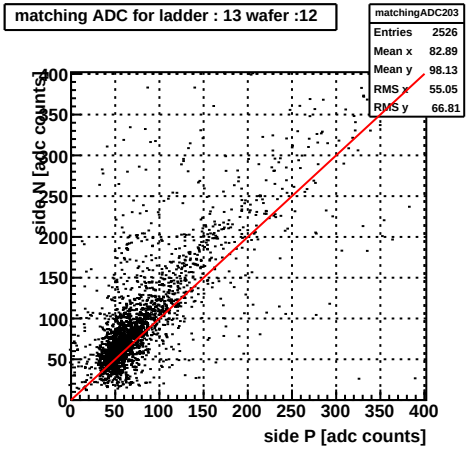

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 8780
Mean x 82.33
Mean y 77.58
RMS x 60.14
RMS y 57.19
side N [adc counts]
side P [adc counts]

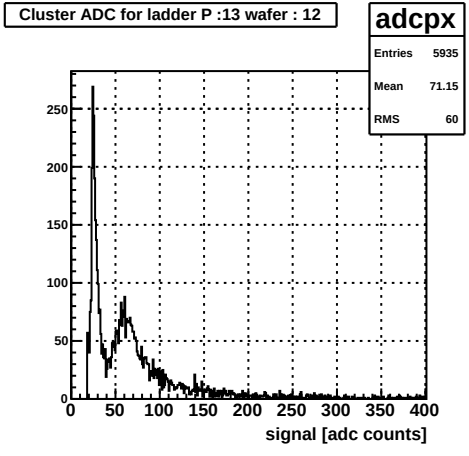

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 16032
Mean 70.36
RMS 58.18
signal [adc counts]

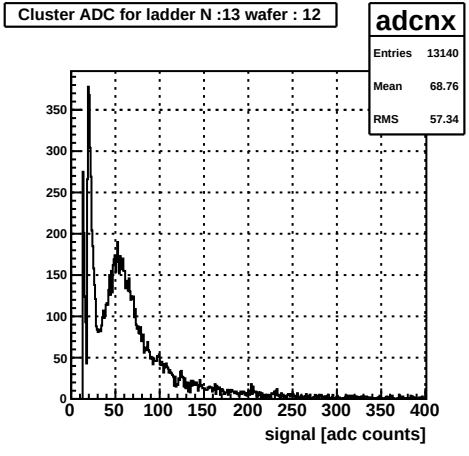

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 13192
Mean 65.08
RMS 57.87
signal [adc counts]

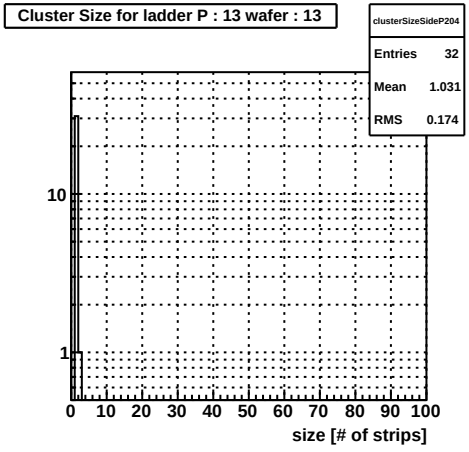

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 5935
Mean 1.154
RMS 0.4594
size [# of strips]

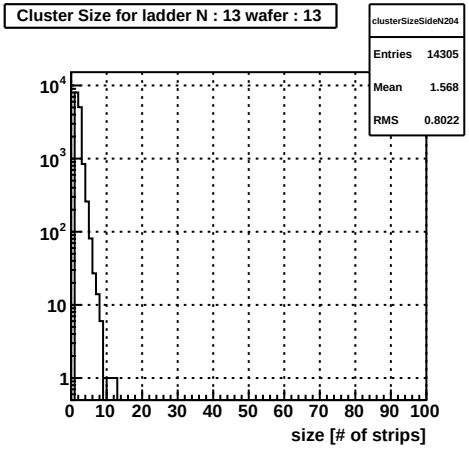

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 13140
Mean 1.483
RMS 0.7832
size [# of strips]

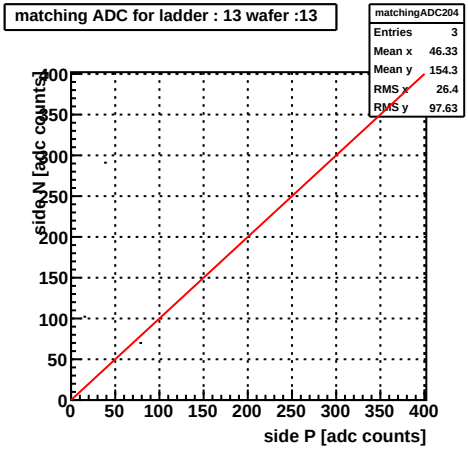

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2526
Mean x 82.89
Mean y 98.13
RMS x 55.05
RMS y 66.81
side N [adc counts]
side P [adc counts]

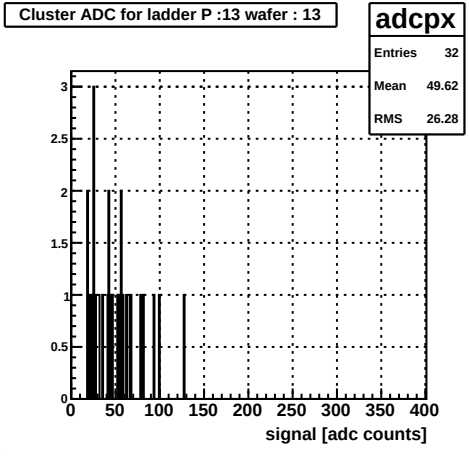

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 5935
Mean 71.15
RMS 60
signal [adc counts]

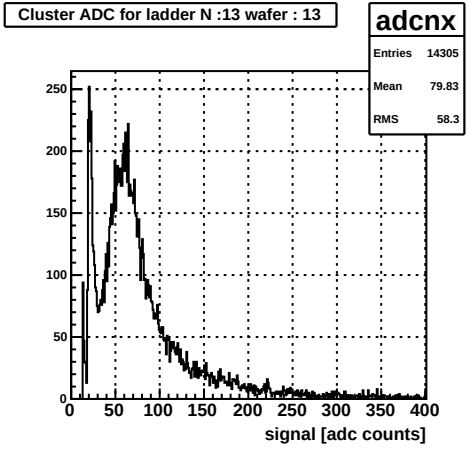

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 13140
Mean 68.76
RMS 57.34
signal [adc counts]

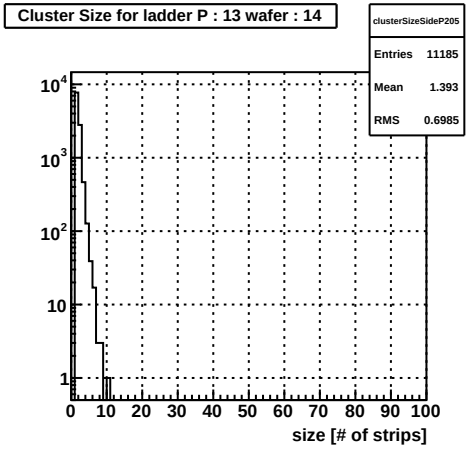

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 32
Mean 1.031
RMS 0.174
size [# of strips]

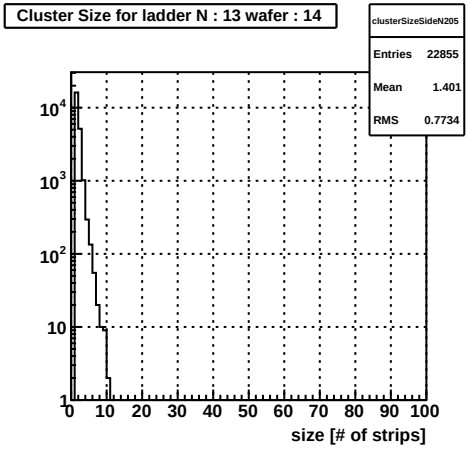

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 14305
Mean 1.568
RMS 0.8022
size [# of strips]

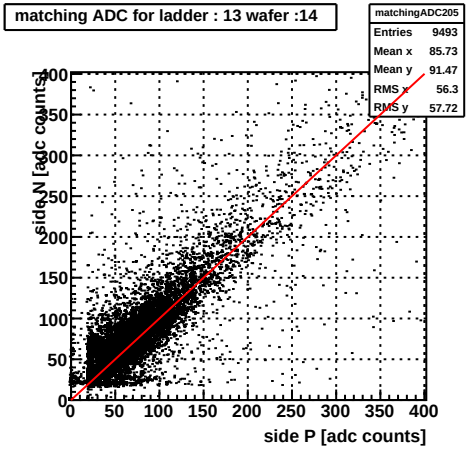

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 3
Mean x 46.33
Mean y 154.3
RMS x 26.4
RMS y 97.63
side N [adc counts]
side P [adc counts]

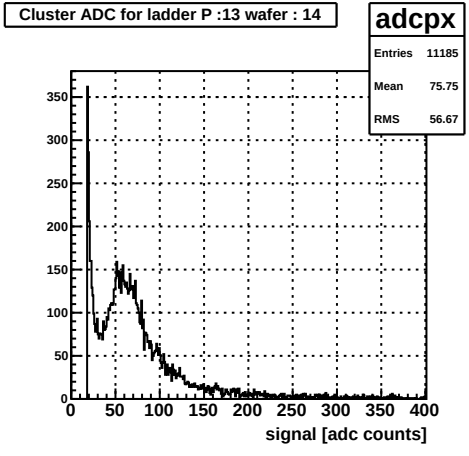

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 32
Mean 49.62
RMS 26.28
signal [adc counts]

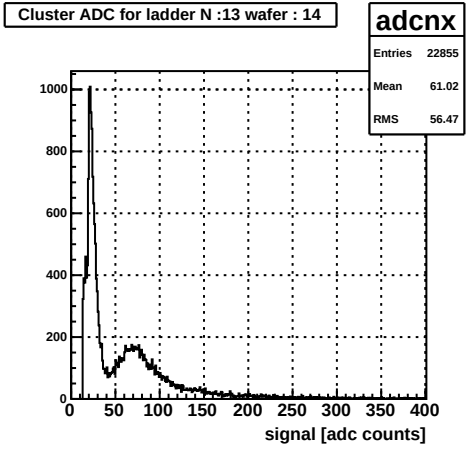

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 14305
Mean 79.83
RMS 58.3
signal [adc counts]

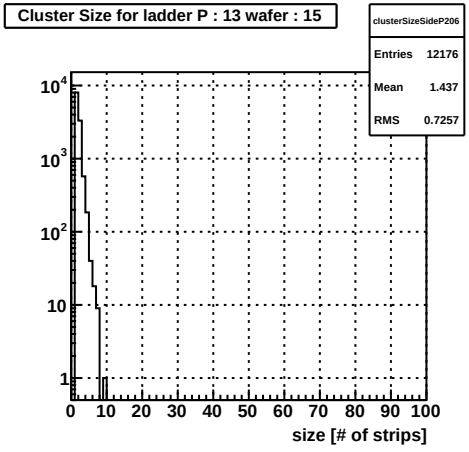

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 11185
Mean 1.393
RMS 0.6985
size [# of strips]

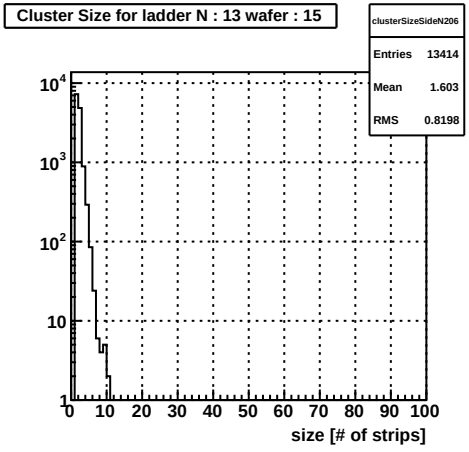

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 22855
Mean 1.401
RMS 0.7734
size [# of strips]

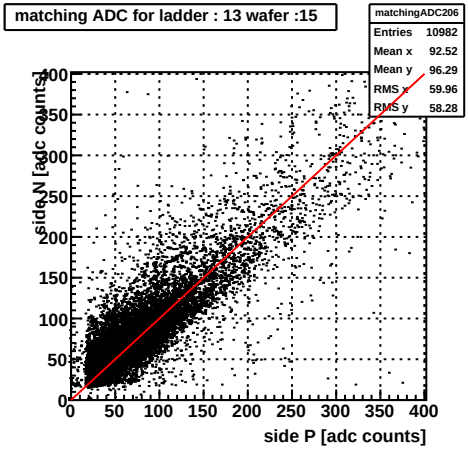

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 9493
Mean x 85.73
Mean y 91.47
RMS x 56.3
RMS y 57.72
side N [adc counts]
side P [adc counts]

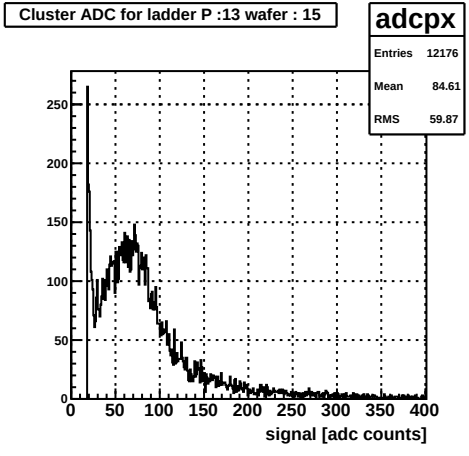

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 11185
Mean 75.75
RMS 56.67
signal [adc counts]

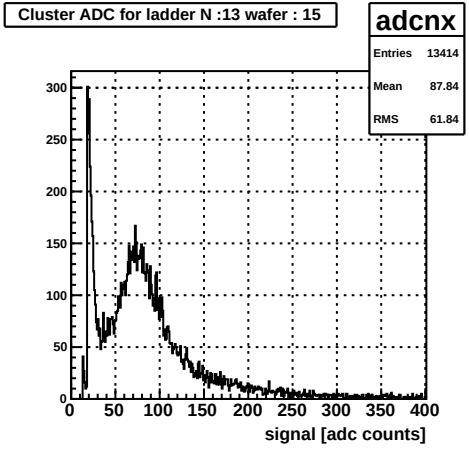

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 22855
Mean 61.02
RMS 56.47
signal [adc counts]

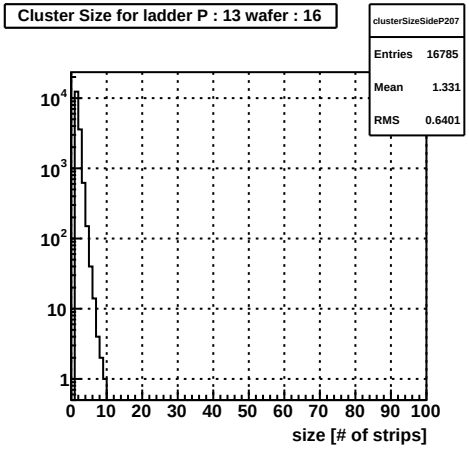

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 12176
Mean 1.437
RMS 0.7257
size [# of strips]

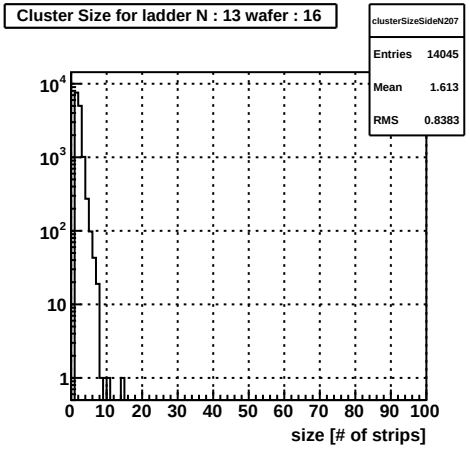

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 13414
Mean 1.603
RMS 0.8198
size [# of strips]

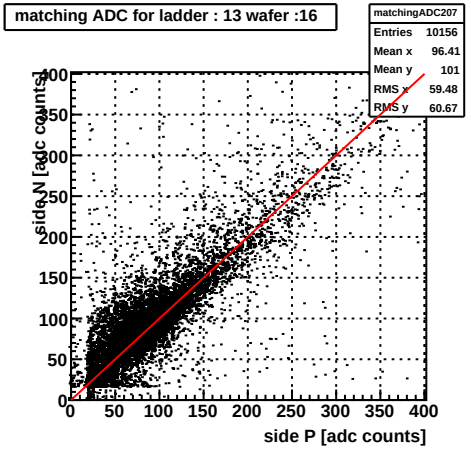

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 10982
Mean x 92.52
Mean y 96.29
RMS x 59.96
RMS y 58.28
side N [adc counts]
side P [adc counts]

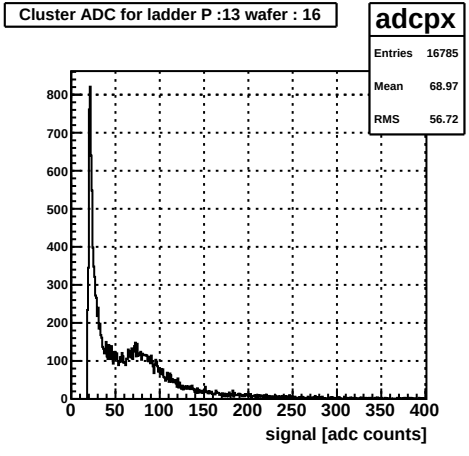

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 12176
Mean 84.61
RMS 59.87
signal [adc counts]

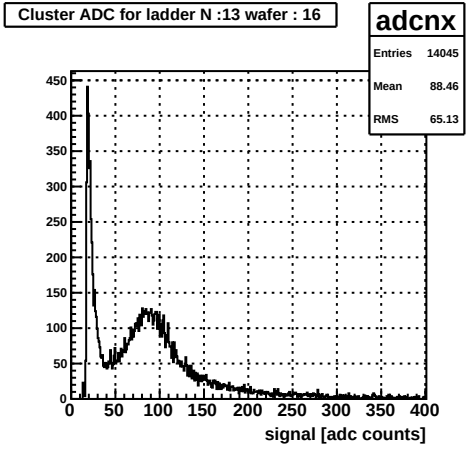

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 13414
Mean 87.84
RMS 61.84
signal [adc counts]

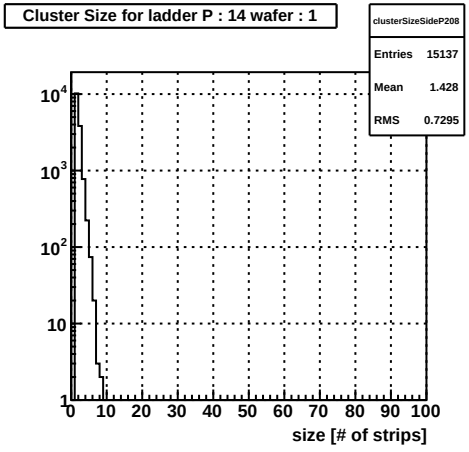

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 16785
Mean 1.331
RMS 0.6401
size [# of strips]

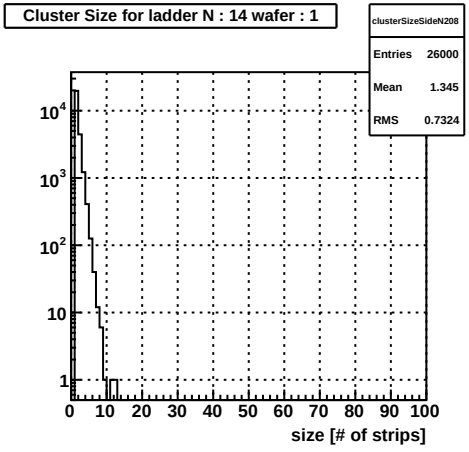

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 14045
Mean 1.613
RMS 0.8383
size [# of strips]

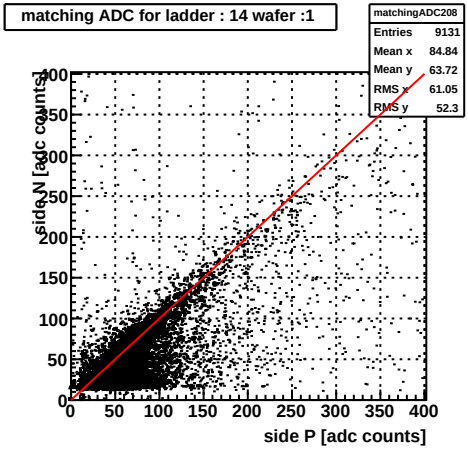

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 10156
Mean x 96.41
Mean y 101
RMS x 59.48
RMS y 60.67
side N [adc counts]
side P [adc counts]

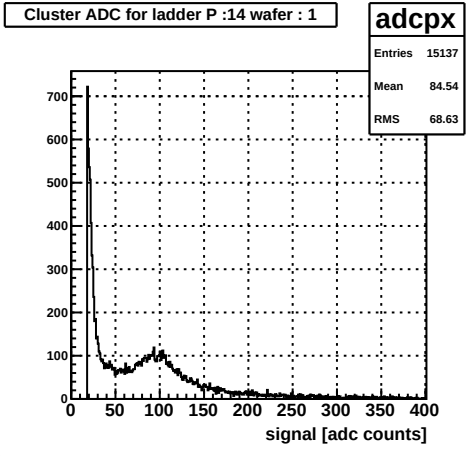

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 16785
Mean 68.97
RMS 56.72
signal [adc counts]

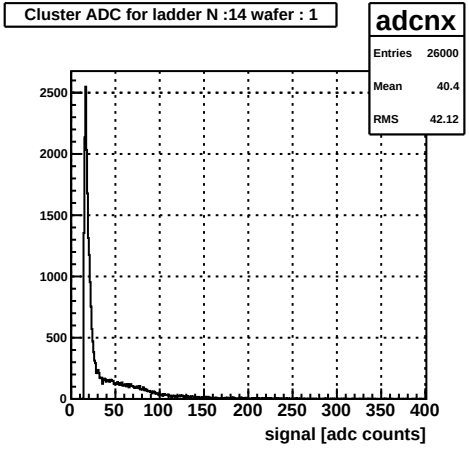

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 14045
Mean 88.46
RMS 65.13
signal [adc counts]

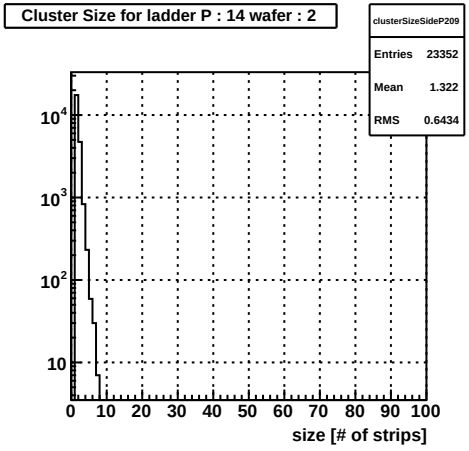

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 15137
Mean 1.428
RMS 0.7295
size [# of strips]

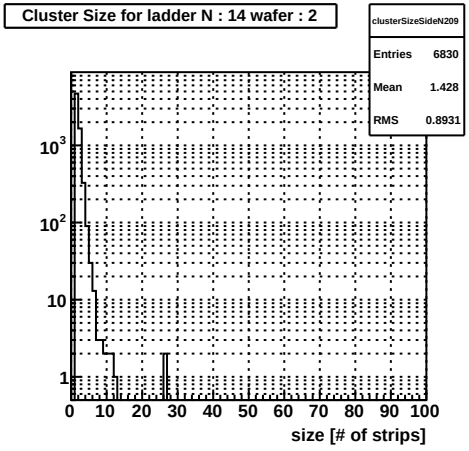

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 26000
Mean 1.345
RMS 0.7324
size [# of strips]

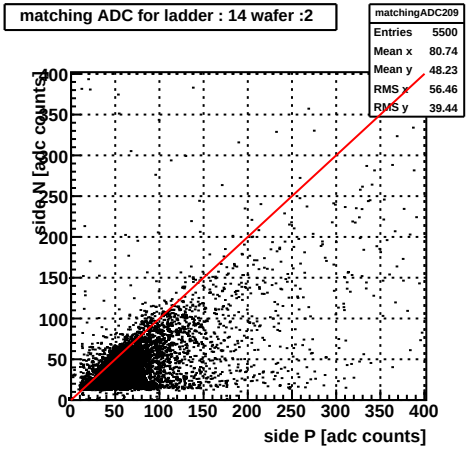

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 9131
Mean x 84.84
Mean y 63.72
RMS x 61.05
RMS y 52.3
side N [adc counts]
side P [adc counts]

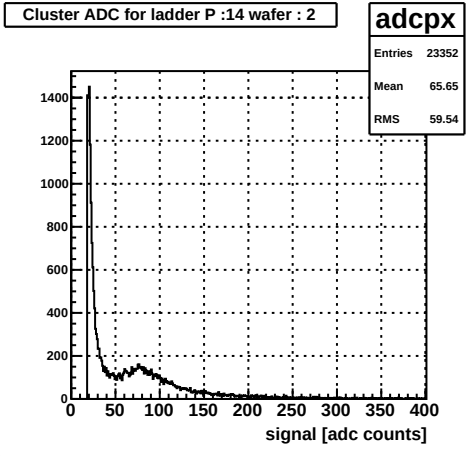

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 15137
Mean 84.54
RMS 68.63
signal [adc counts]

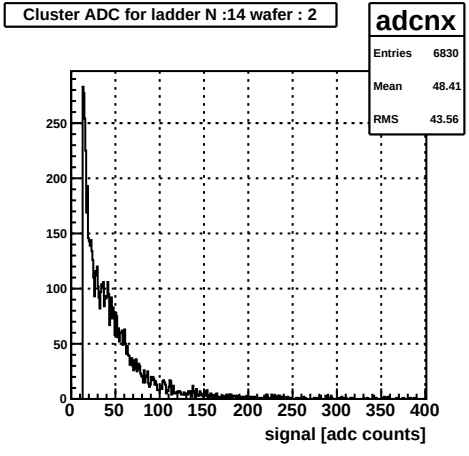

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 26000
Mean 40.4
RMS 42.12
signal [adc counts]

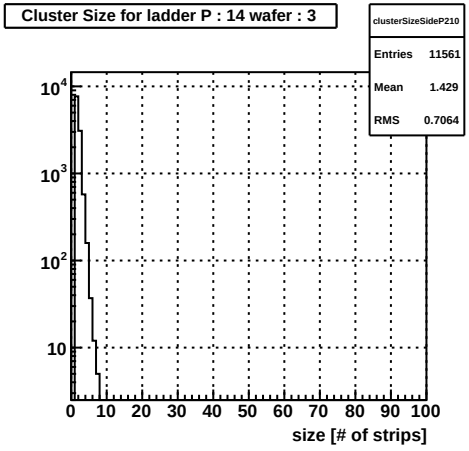

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 23352
Mean 1.322
RMS 0.6434
size [# of strips]

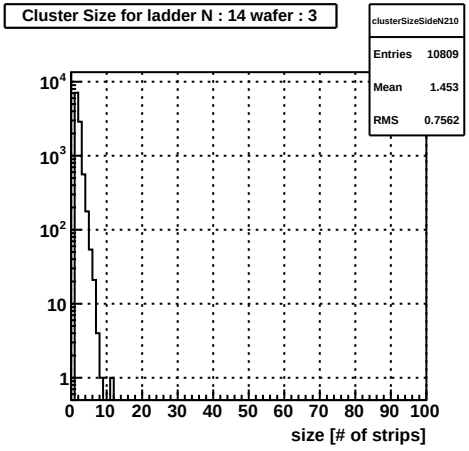

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 6830
Mean 1.428
RMS 0.8931
size [# of strips]

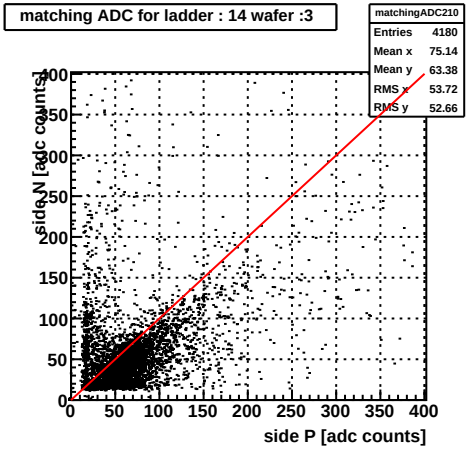

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5500
Mean x 80.74
Mean y 48.23
RMS x 56.46
RMS y 39.44
side N [adc counts]
side P [adc counts]

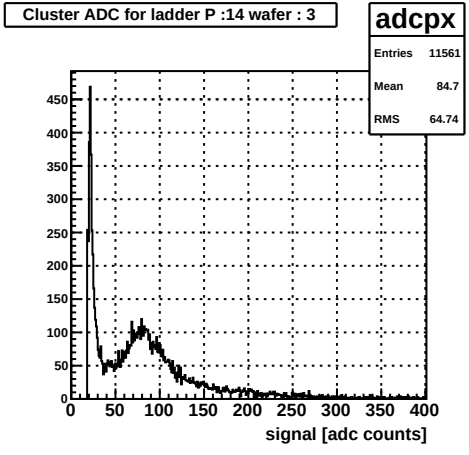

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 23352
Mean 65.65
RMS 59.54
signal [adc counts]

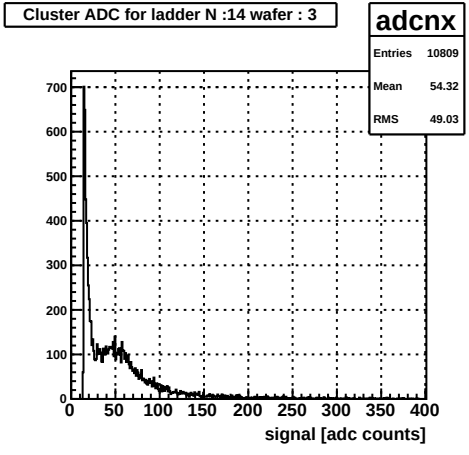

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 6830
Mean 48.41
RMS 43.56
signal [adc counts]

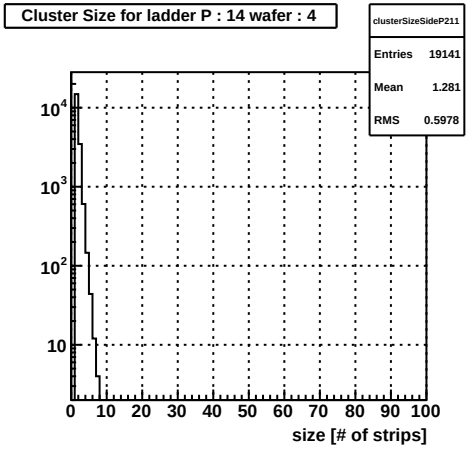

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 11561
Mean 1.429
RMS 0.7064
size [# of strips]

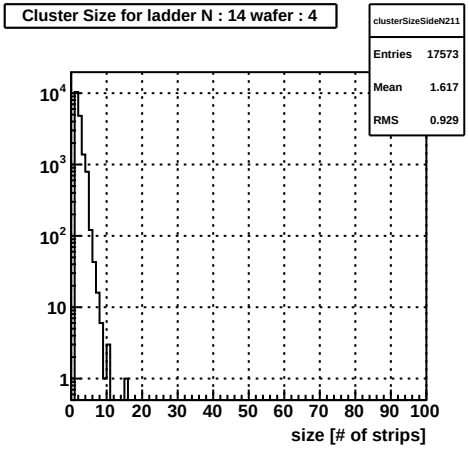

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 10809
Mean 1.453
RMS 0.7562
size [# of strips]

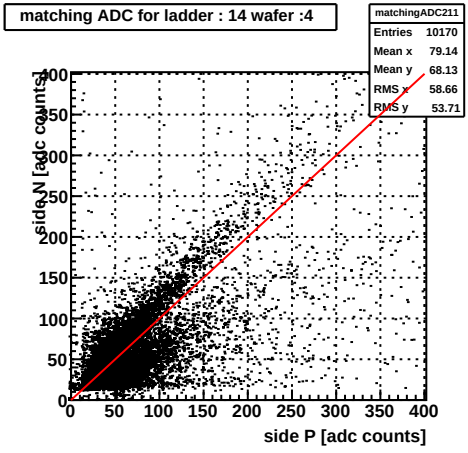

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4180
Mean x 75.14
Mean y 63.38
RMS x 53.72
RMS y 52.66
side N [adc counts]
side P [adc counts]

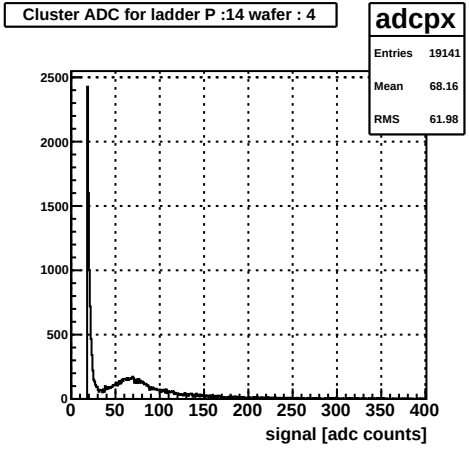

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 11561
Mean 84.7
RMS 64.74
signal [adc counts]

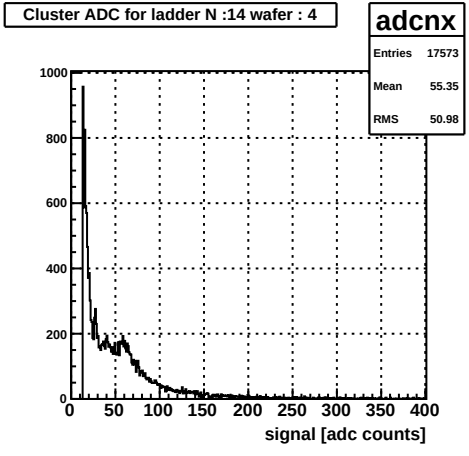

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 10809
Mean 54.32
RMS 49.03
signal [adc counts]

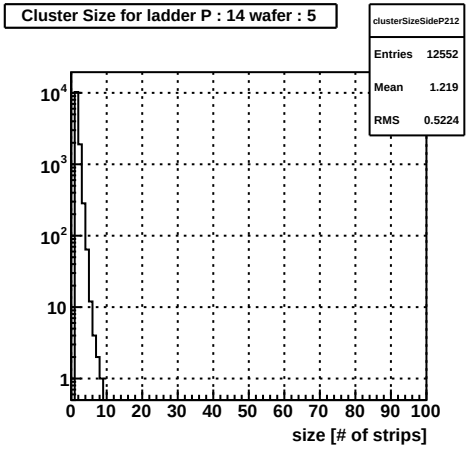

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 19141
Mean 1.281
RMS 0.5978
size [# of strips]

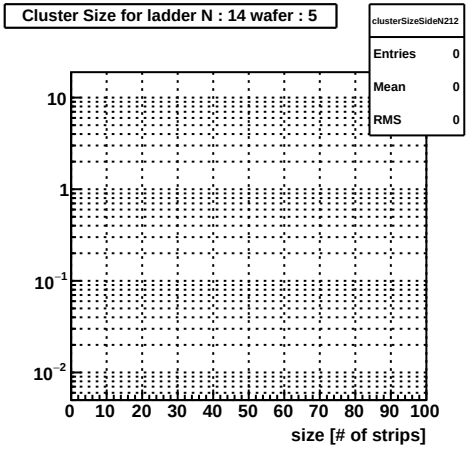

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 17573
Mean 1.617
RMS 0.929
size [# of strips]

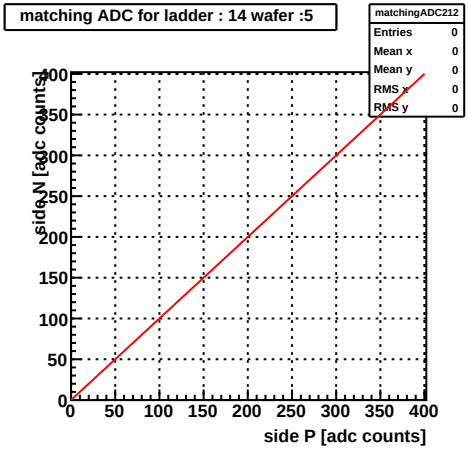

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 10170
Mean x 79.14
Mean y 68.13
RMS x 58.66
RMS y 53.71
side N [adc counts]
side P [adc counts]

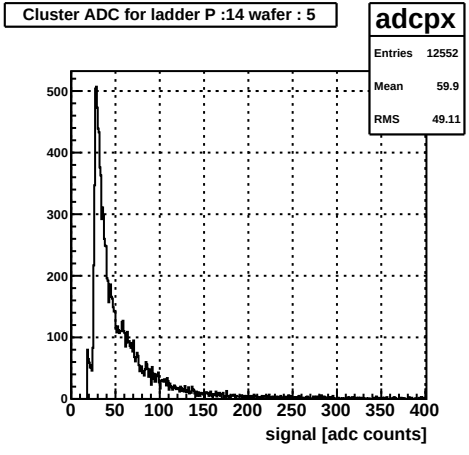

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 19141
Mean 68.16
RMS 61.98
signal [adc counts]

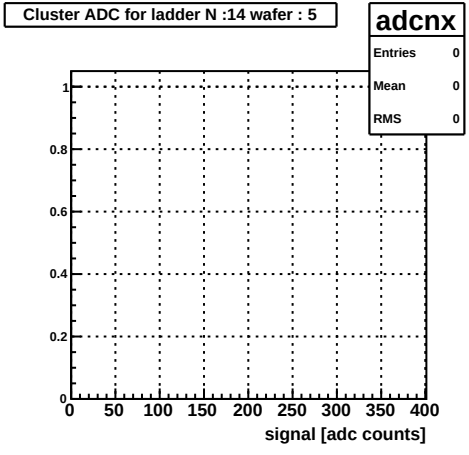

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 17573
Mean 55.35
RMS 50.98
signal [adc counts]

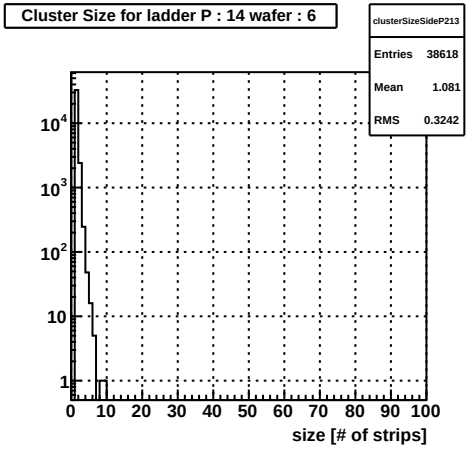

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 12552
Mean 1.219
RMS 0.5224
size [# of strips]

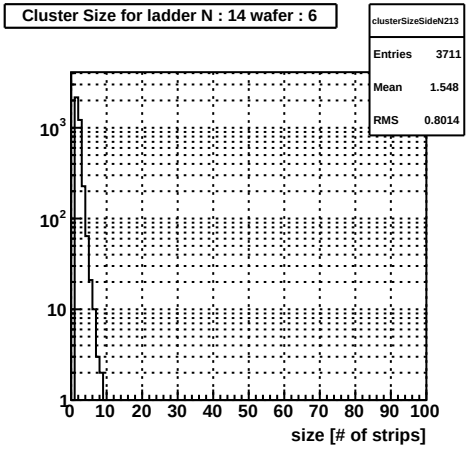

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

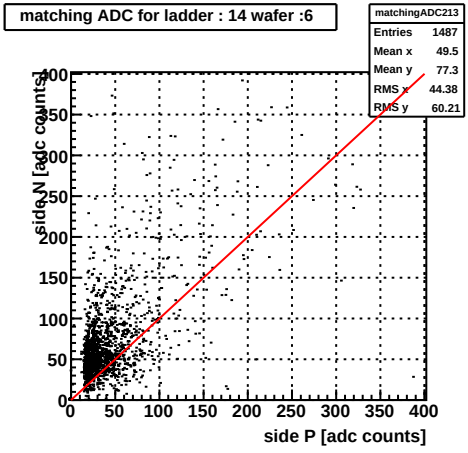

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

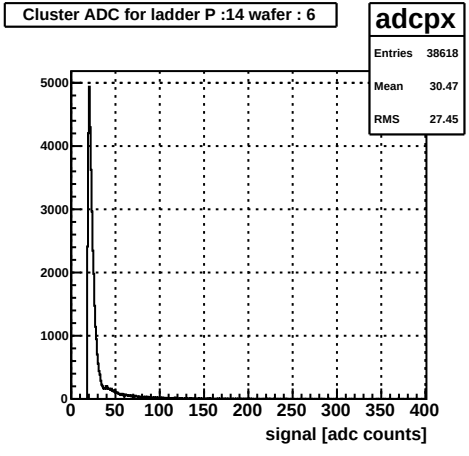

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 12552
Mean 59.9
RMS 49.11
signal [adc counts]

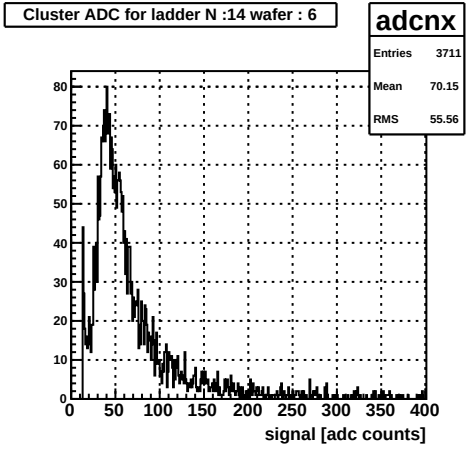

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

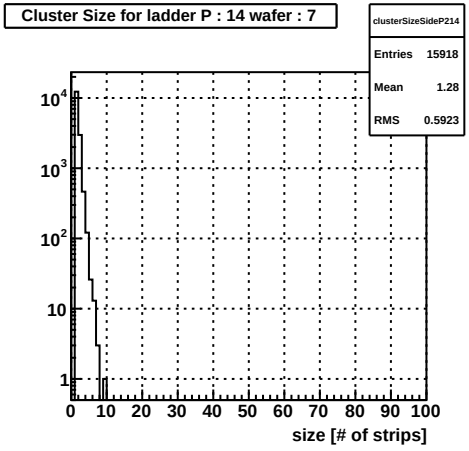

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 38618
Mean 1.081
RMS 0.3242
size [# of strips]

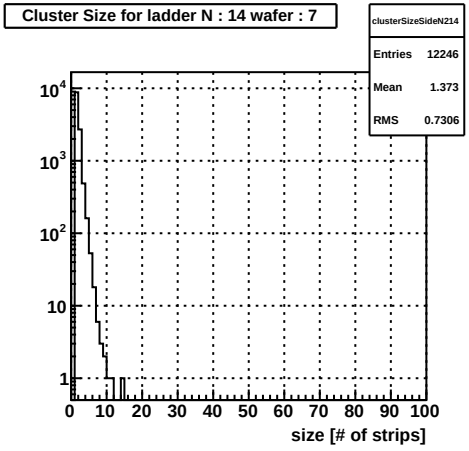

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3711
Mean 1.548
RMS 0.8014
size [# of strips]

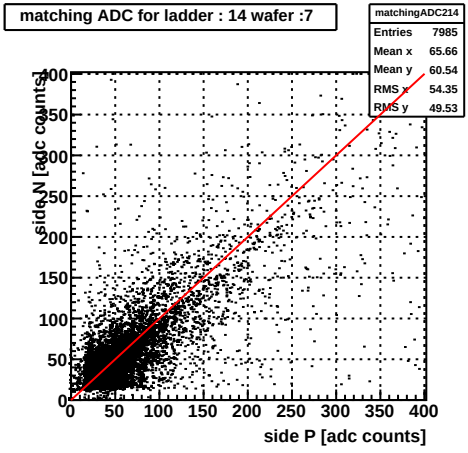

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1487
Mean x 49.5
Mean y 77.3
RMS x 44.38
RMS y 60.21
side N [adc counts]
side P [adc counts]

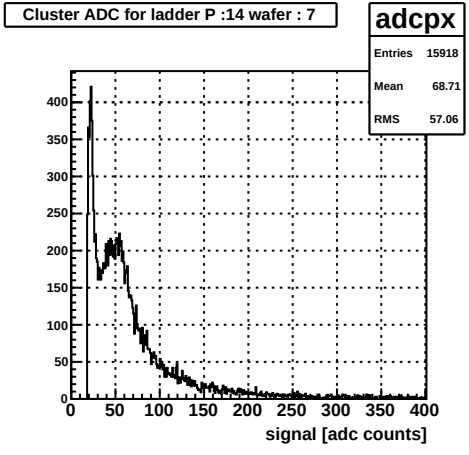

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 38618
Mean 30.47
RMS 27.45
signal [adc counts]

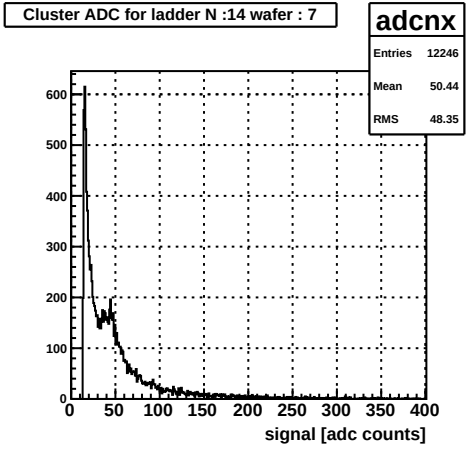

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3711
Mean 70.15
RMS 55.56
signal [adc counts]

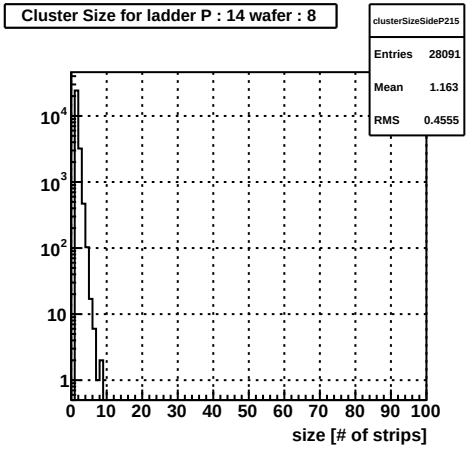

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 15918
Mean 1.28
RMS 0.5923
size [# of strips]

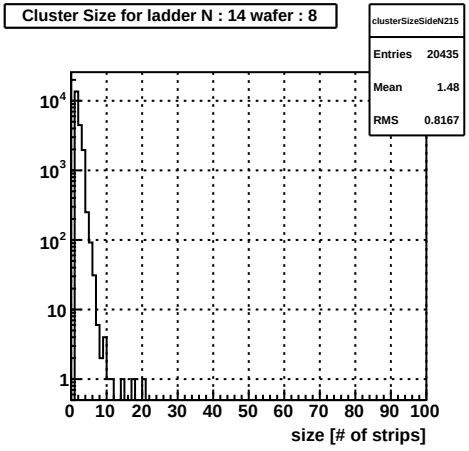

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 12246
Mean 1.373
RMS 0.7306
size [# of strips]

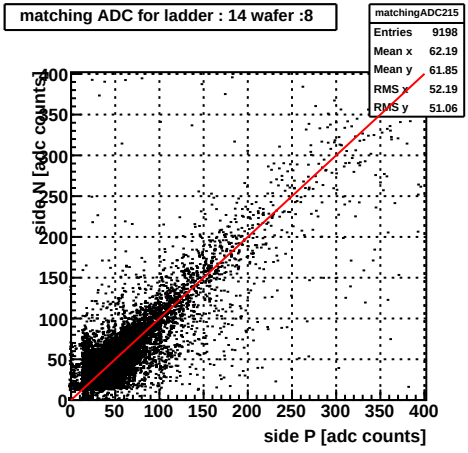

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 7985
Mean x 65.66
Mean y 60.54
RMS x 54.35
RMS y 49.53
side N [adc counts]
side P [adc counts]

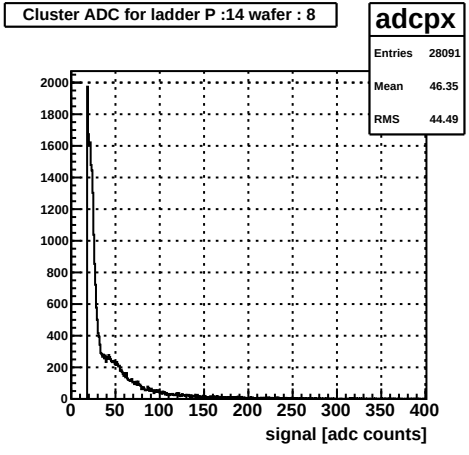

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 15918
Mean 68.71
RMS 57.06
signal [adc counts]

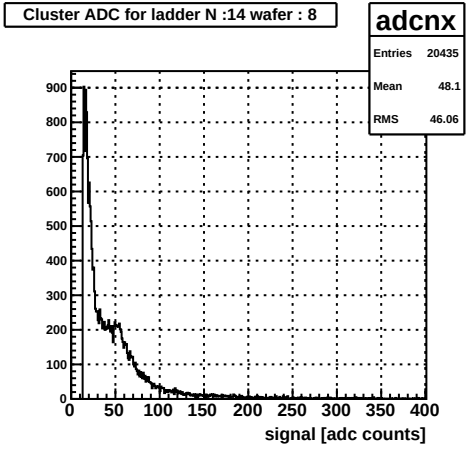

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 12246
Mean 50.44
RMS 48.35
signal [adc counts]

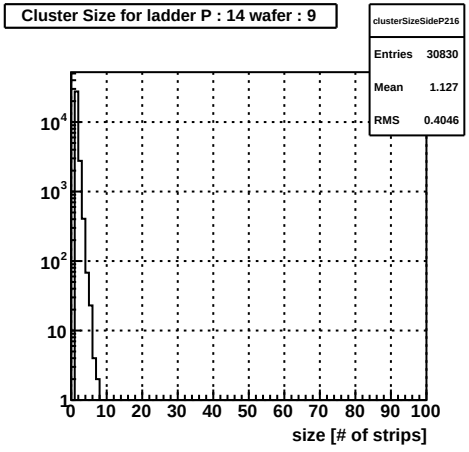

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 28091
Mean 1.163
RMS 0.4555
size [# of strips]

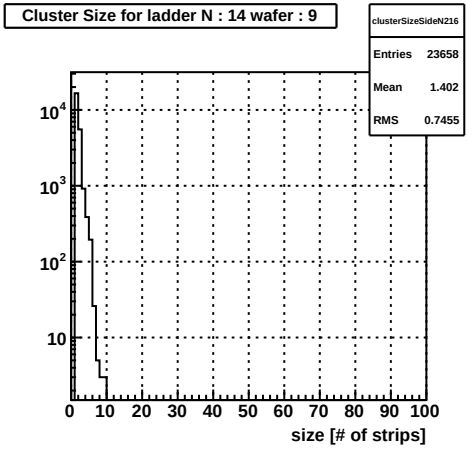

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 20435
Mean 1.48
RMS 0.8167
size [# of strips]

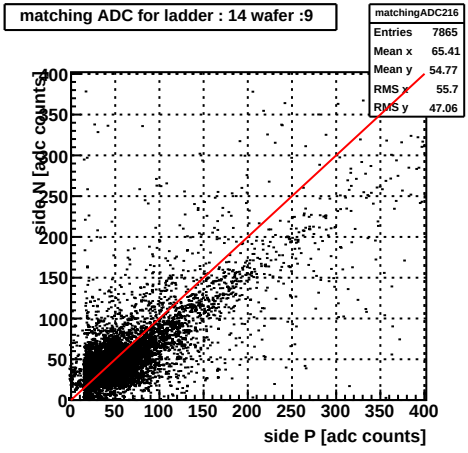

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9198
Mean x 62.19
Mean y 61.85
RMS x 52.19
RMS y 51.06
side N [adc counts]
side P [adc counts]

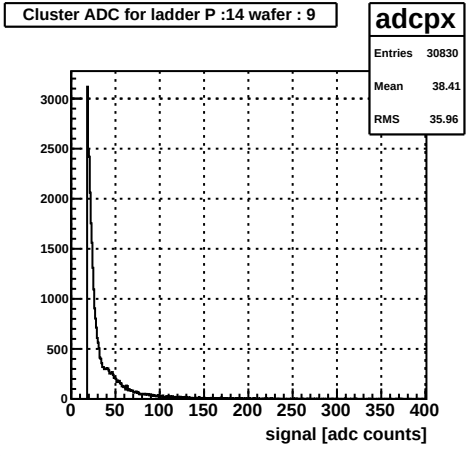

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 28091
Mean 46.35
RMS 44.49
signal [adc counts]

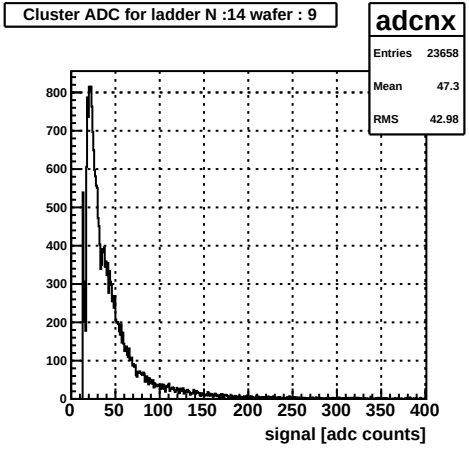

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 20435
Mean 48.1
RMS 46.06
signal [adc counts]

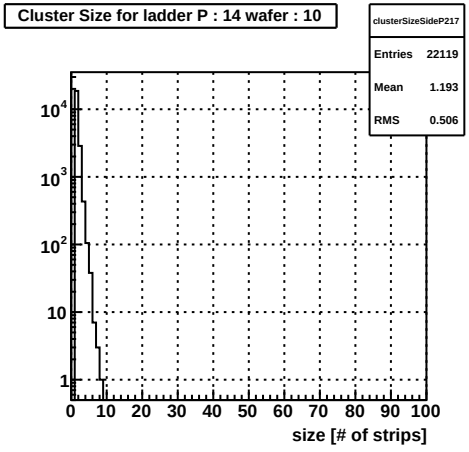

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 30830
Mean 1.127
RMS 0.4046
size [# of strips]

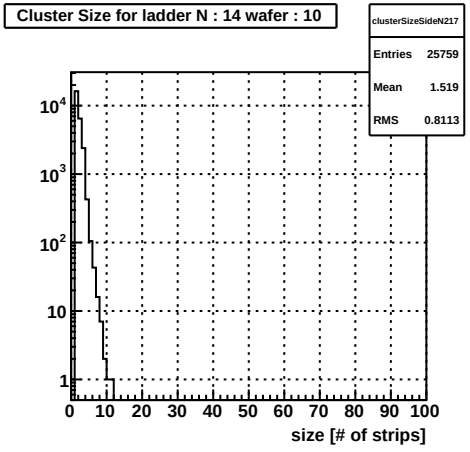

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 23658
Mean 1.402
RMS 0.7455
size [# of strips]

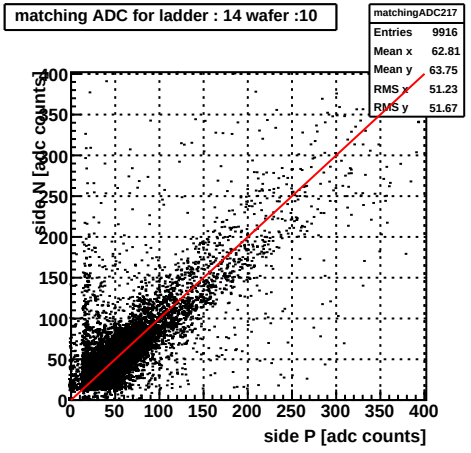

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 7865
Mean x 65.41
Mean y 54.77
RMS x 55.7
RMS y 47.06
side N [adc counts]
side P [adc counts]

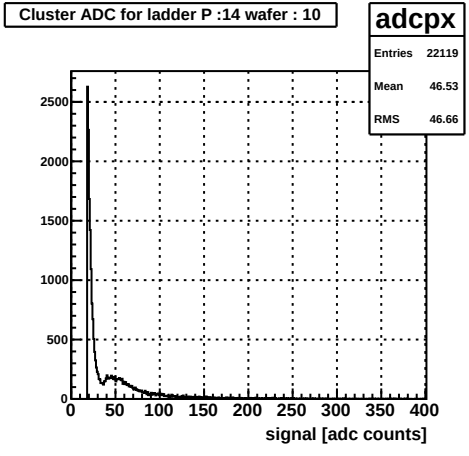

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 30830
Mean 38.41
RMS 35.96
signal [adc counts]

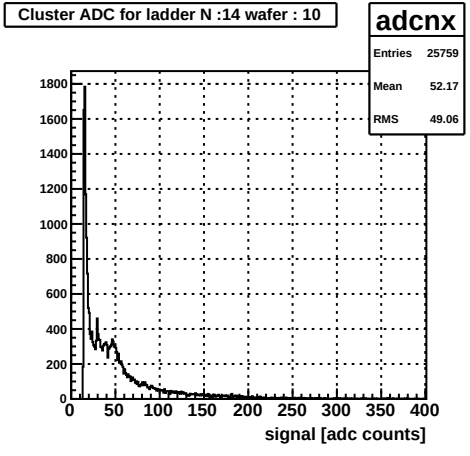

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 23658
Mean 47.3
RMS 42.98
signal [adc counts]

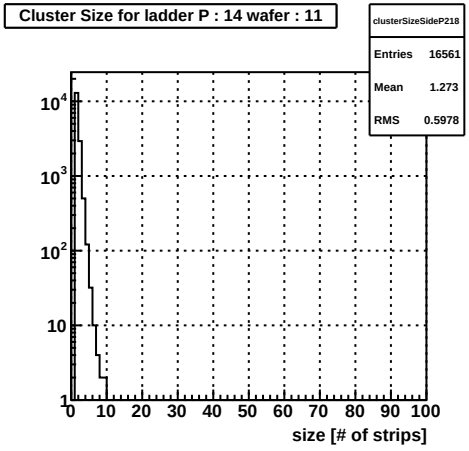

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 22119
Mean 1.193
RMS 0.506
size [# of strips]

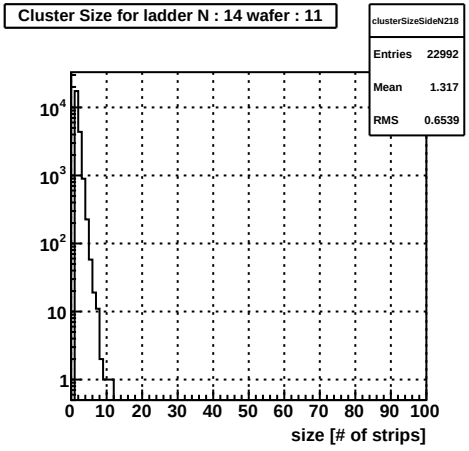

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 25759
Mean 1.519
RMS 0.8113
size [# of strips]

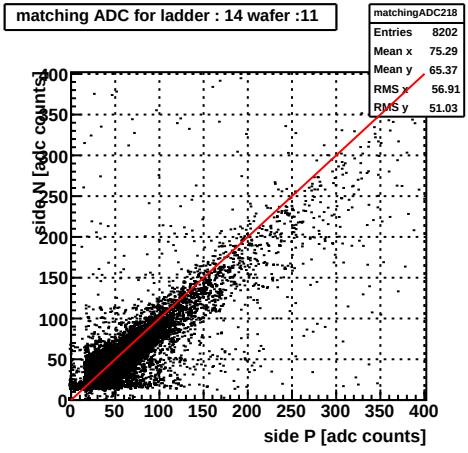

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 9916
Mean x 62.81
Mean y 63.75
RMS x 51.23
RMS y 51.67
side N [adc counts]
side P [adc counts]

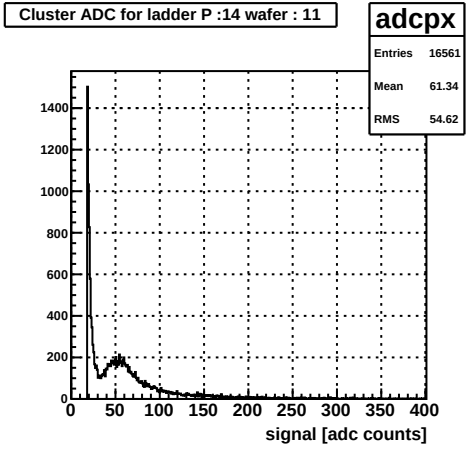

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 22119
Mean 46.53
RMS 46.66
signal [adc counts]

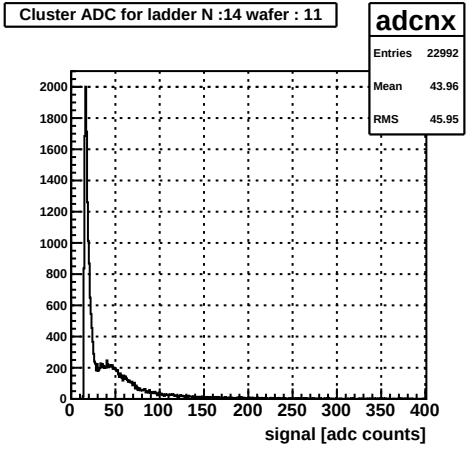

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 25759
Mean 52.17
RMS 49.06
signal [adc counts]

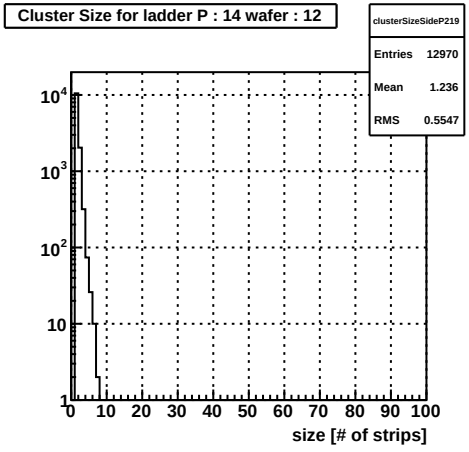

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 16561
Mean 1.273
RMS 0.5978
size [# of strips]

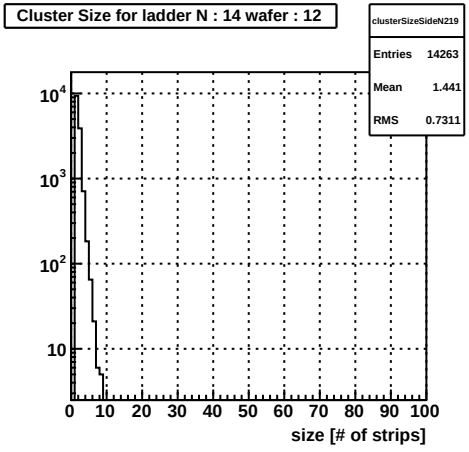

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22992
Mean 1.317
RMS 0.6539
size [# of strips]

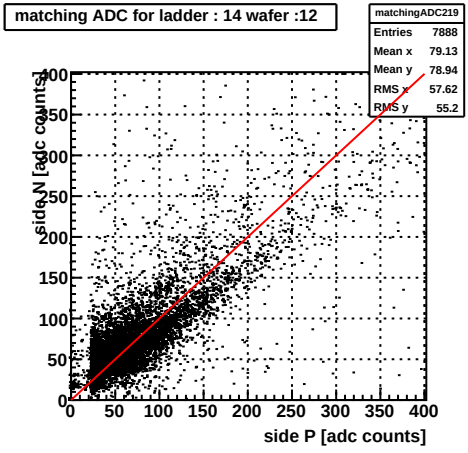

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8202
Mean x 75.29
Mean y 65.37
RMS x 56.91
RMS y 51.03
side N [adc counts]
side P [adc counts]

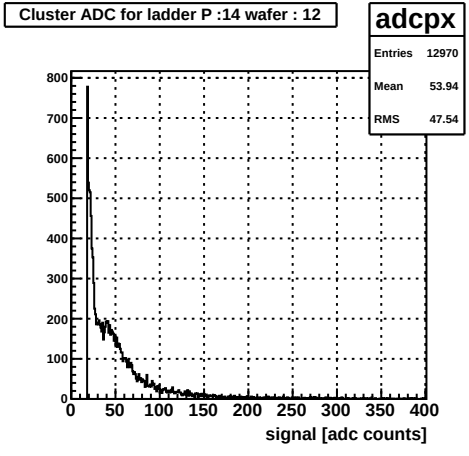

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 16561
Mean 61.34
RMS 54.62
signal [adc counts]

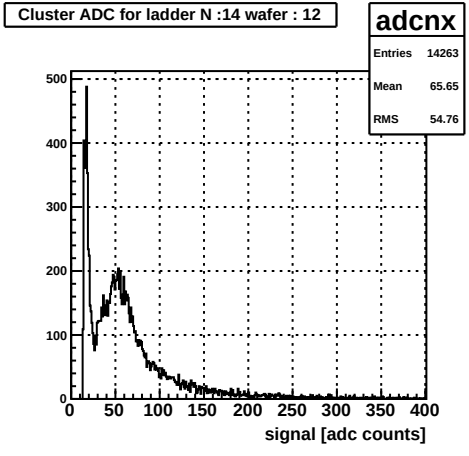

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22992
Mean 43.96
RMS 45.95
signal [adc counts]

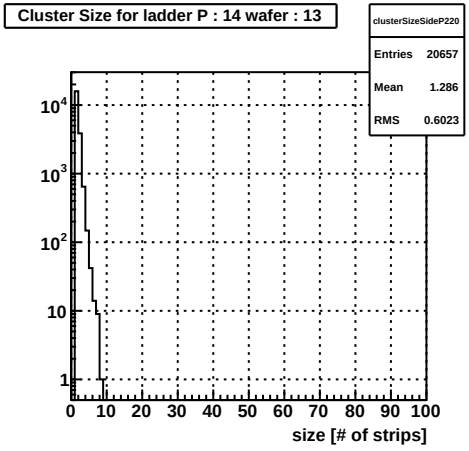

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 12970
Mean 1.236
RMS 0.5547
size [# of strips]

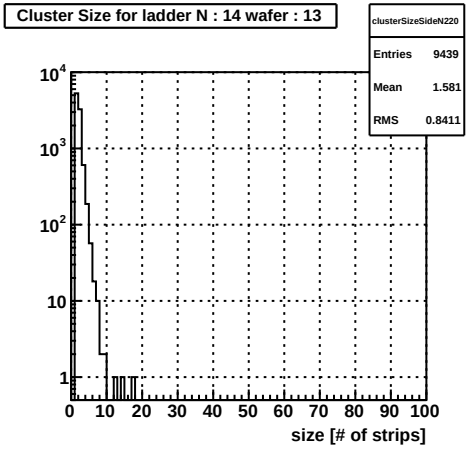

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 14263
Mean 1.441
RMS 0.7311
size [# of strips]

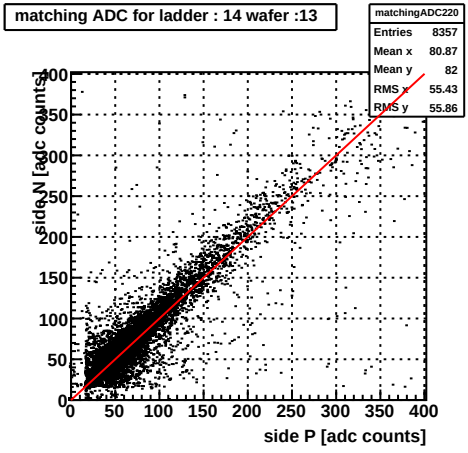

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 7888
Mean x 79.13
Mean y 78.94
RMS x 57.62
RMS y 55.2
side N [adc counts]
side P [adc counts]

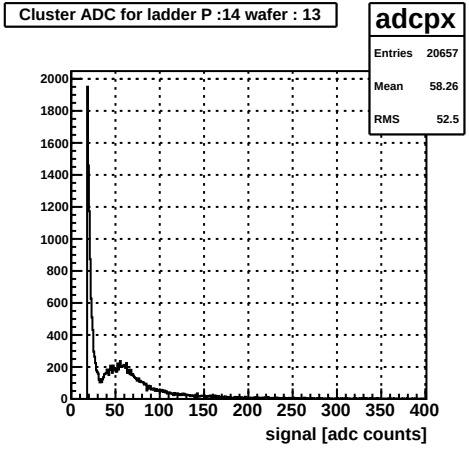

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 12970
Mean 53.94
RMS 47.54
signal [adc counts]

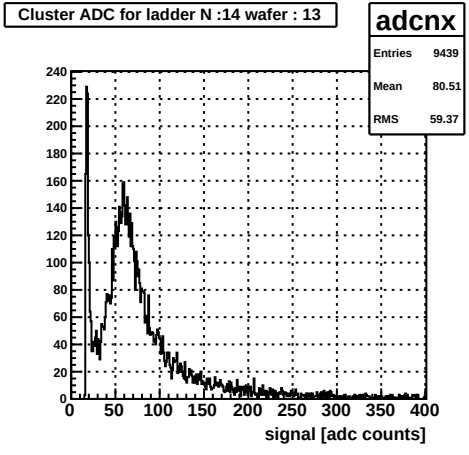

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 14263
Mean 65.65
RMS 54.76
signal [adc counts]

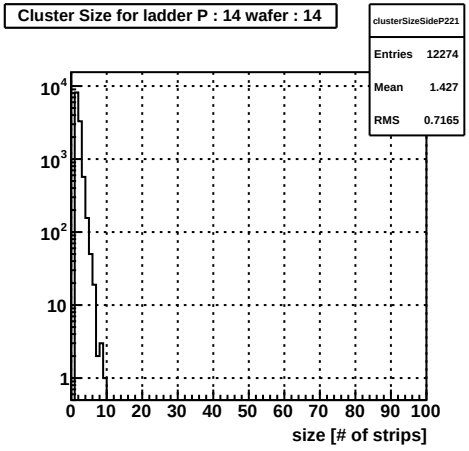

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 20657
Mean 1.286
RMS 0.6023
size [# of strips]

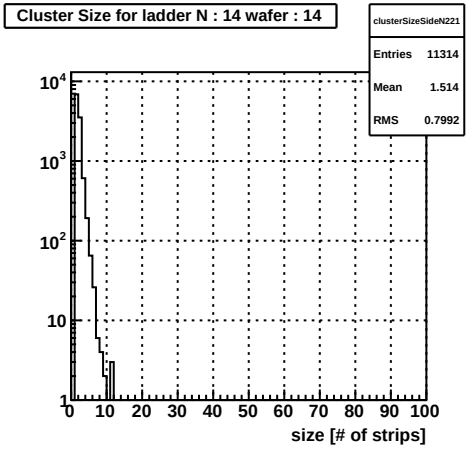

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9439
Mean 1.581
RMS 0.8411
size [# of strips]

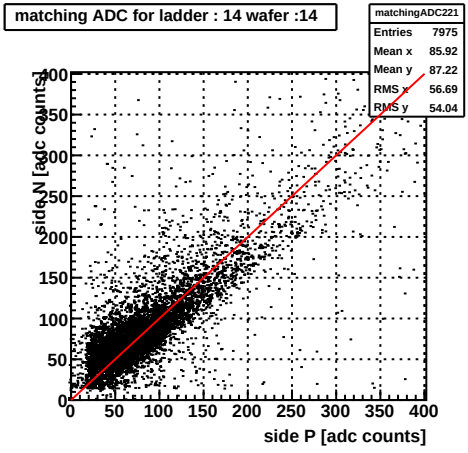

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8357
Mean x 80.87
Mean y 82
RMS x 55.43
RMS y 55.86
side N [adc counts]
side P [adc counts]

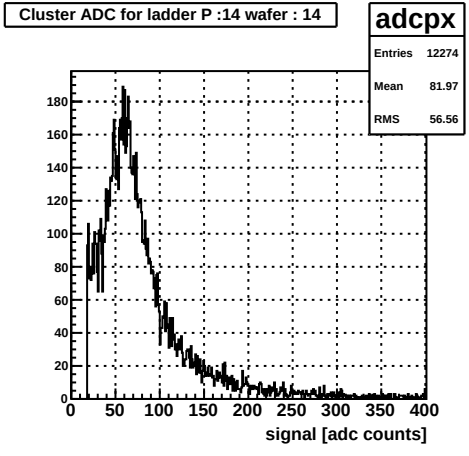

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 20657
Mean 58.26
RMS 52.5
signal [adc counts]

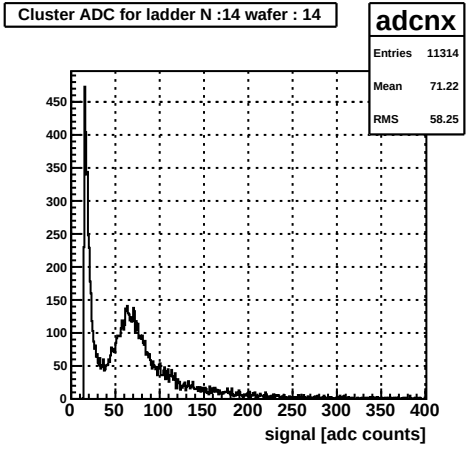

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9439
Mean 80.51
RMS 59.37
signal [adc counts]

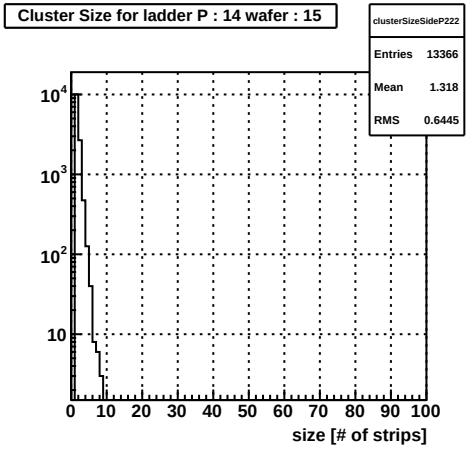

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 12274
Mean 1.427
RMS 0.7165
size [# of strips]

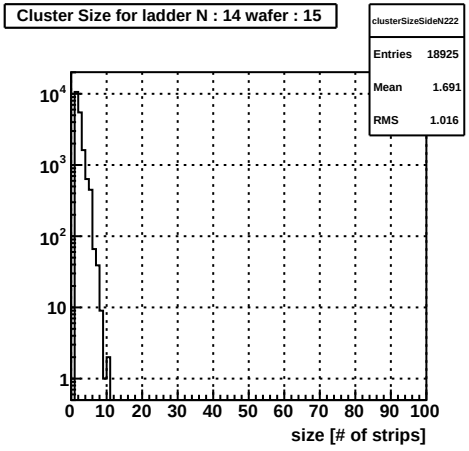

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11314
Mean 1.514
RMS 0.7992
size [# of strips]

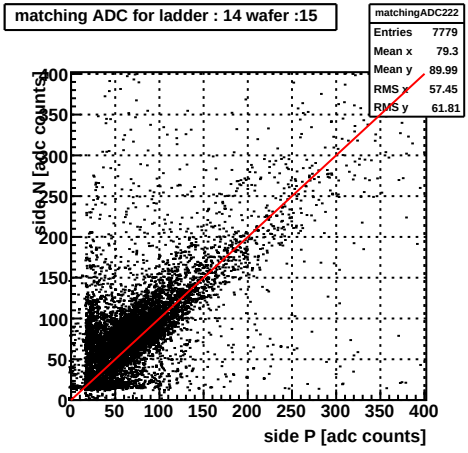

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 7975
Mean x 85.92
Mean y 87.22
RMS x 56.69
RMS y 54.04
side N [adc counts]
side P [adc counts]

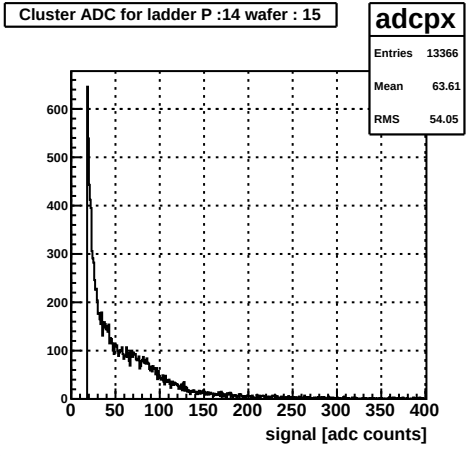

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 12274
Mean 81.97
RMS 56.56
signal [adc counts]

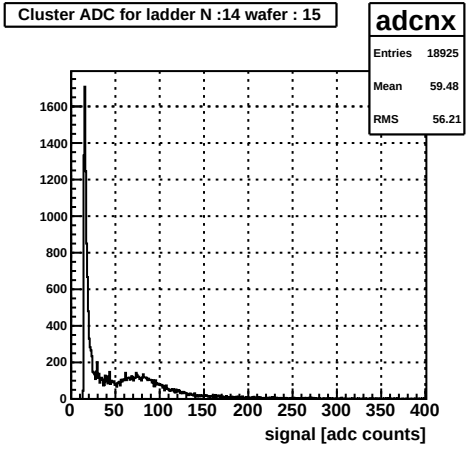

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11314
Mean 71.22
RMS 58.25
signal [adc counts]

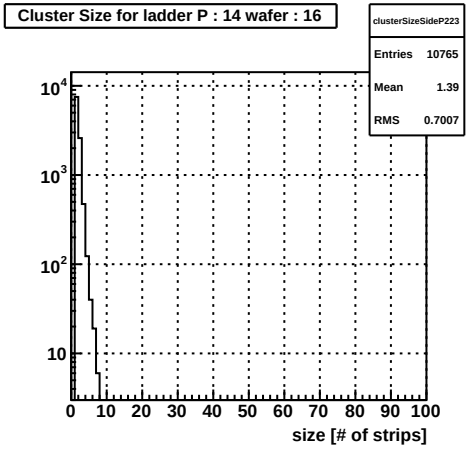

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 13366
Mean 1.318
RMS 0.6445
size [# of strips]

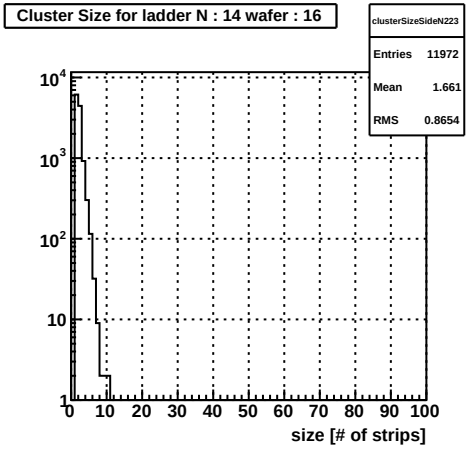

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 18925
Mean 1.691
RMS 1.016
size [# of strips]

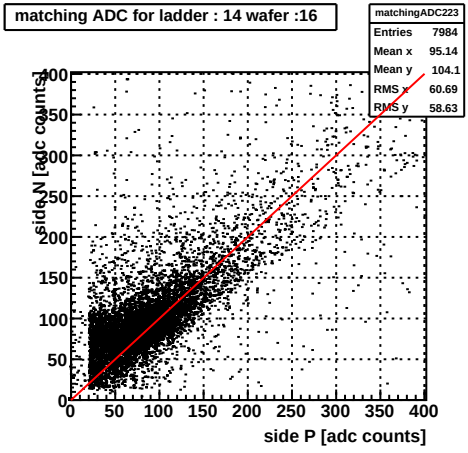

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 7779
Mean x 79.3
Mean y 89.99
RMS x 57.45
RMS y 61.81
side N [adc counts]
side P [adc counts]

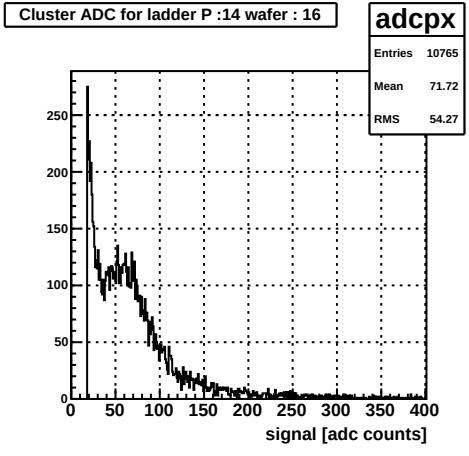

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 13366
Mean 63.61
RMS 54.05
signal [adc counts]

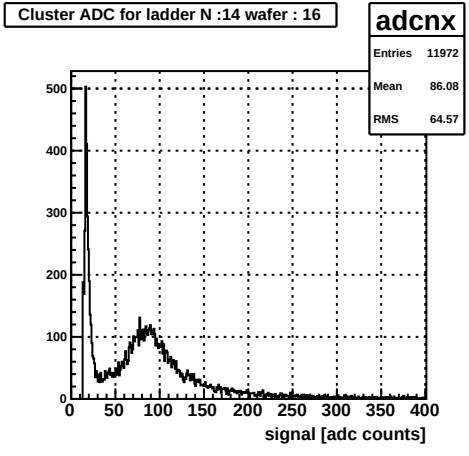

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 18925
Mean 59.48
RMS 56.21
signal [adc counts]

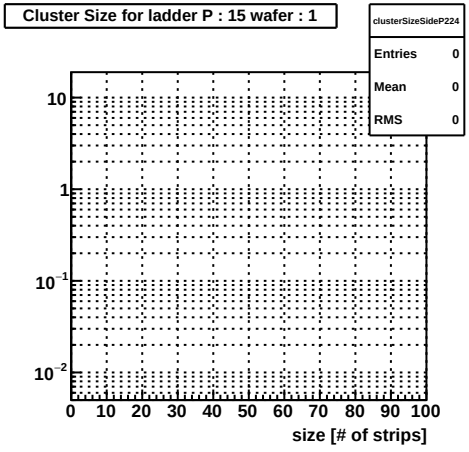

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 10765
Mean 1.39
RMS 0.7007
size [# of strips]

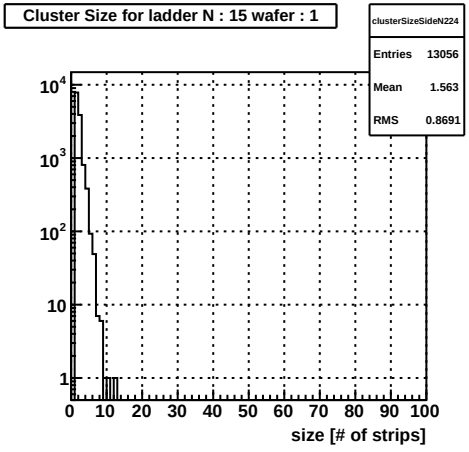

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 11972
Mean 1.661
RMS 0.8654
size [# of strips]

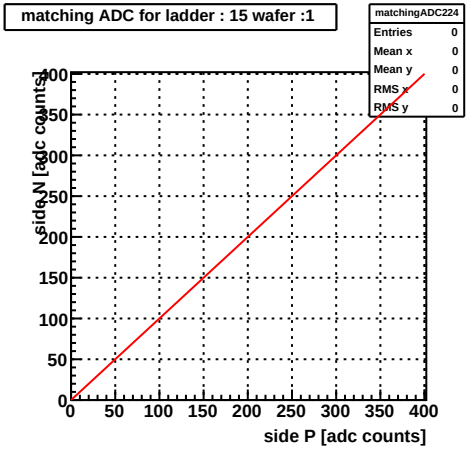

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 7984
Mean x 95.14
Mean y 104.1
RMS x 60.69
RMS y 58.63
side N [adc counts]
side P [adc counts]

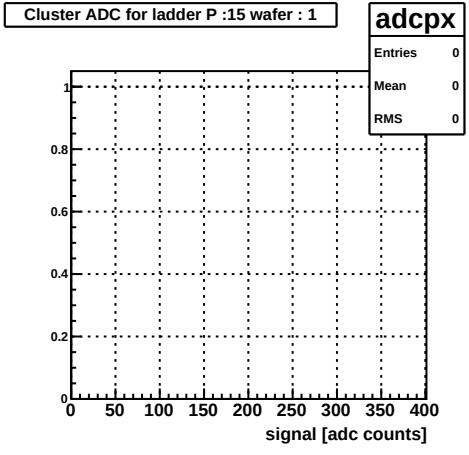

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 10765
Mean 71.72
RMS 54.27
signal [adc counts]

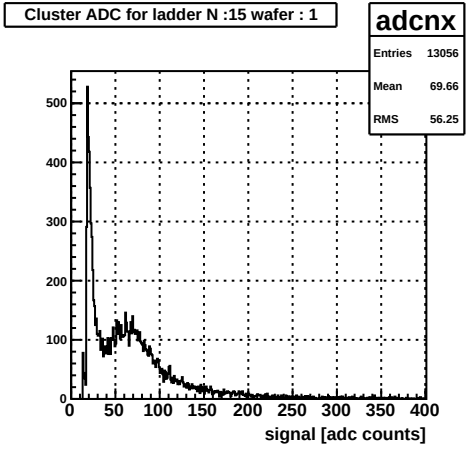

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 11972
Mean 86.08
RMS 64.57
signal [adc counts]

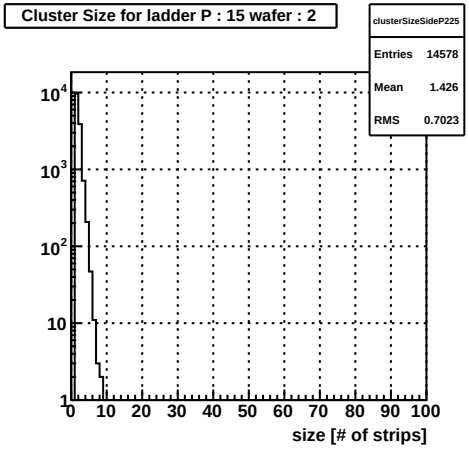

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

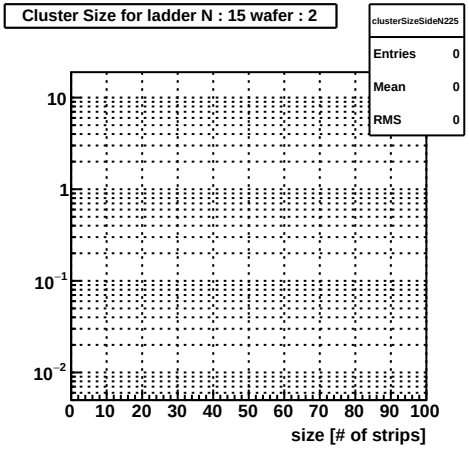

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13056
Mean 1.563
RMS 0.8691
size [# of strips]

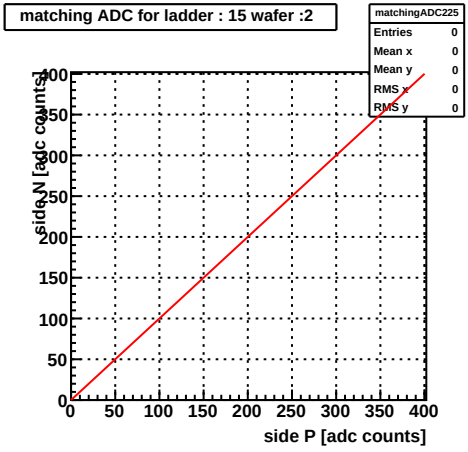

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

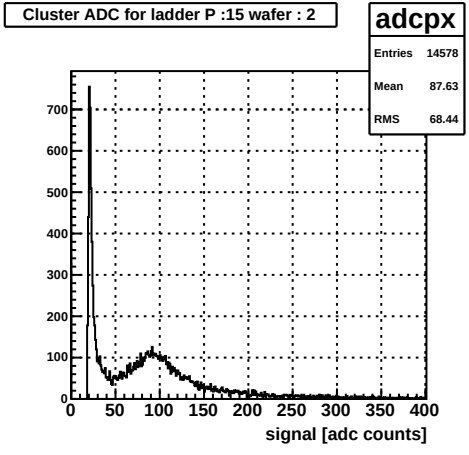

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

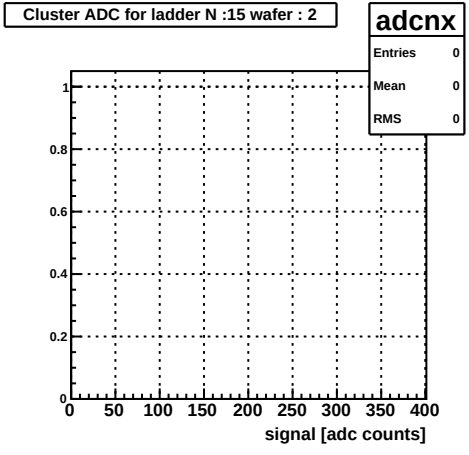

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13056
Mean 69.66
RMS 56.25
signal [adc counts]

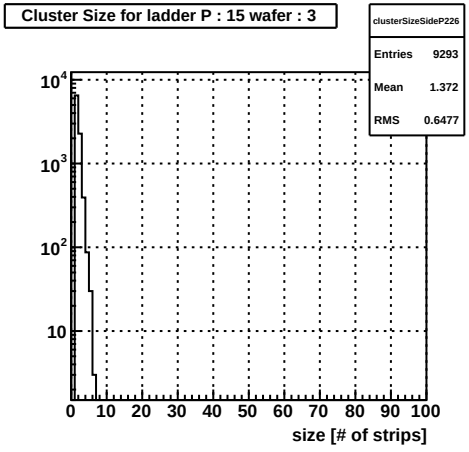

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14578
Mean 1.426
RMS 0.7023
size [# of strips]

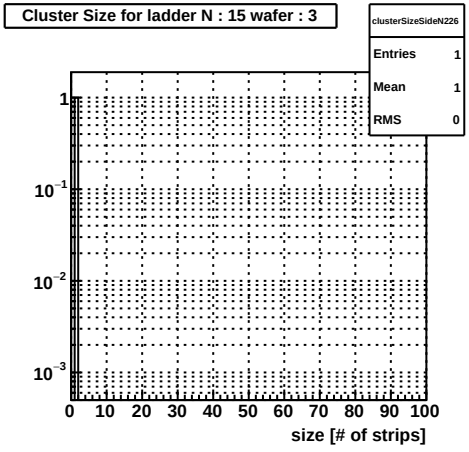

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

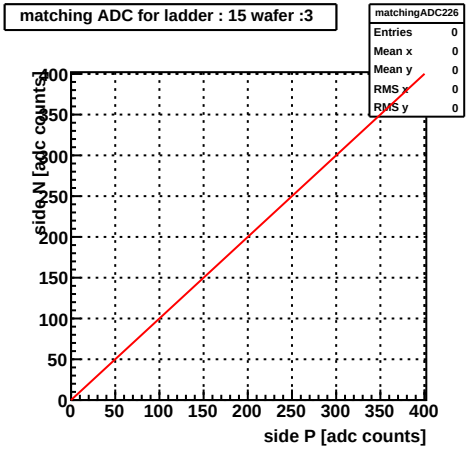

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

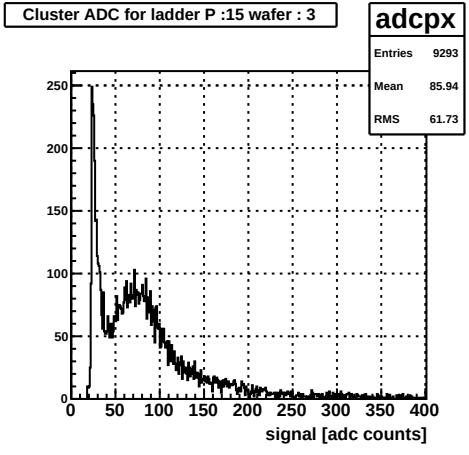

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14578
Mean 87.63
RMS 68.44
signal [adc counts]

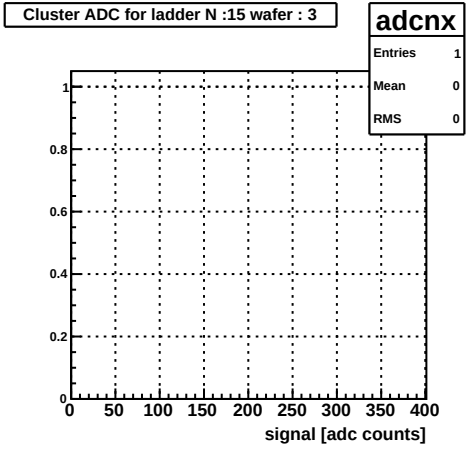

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

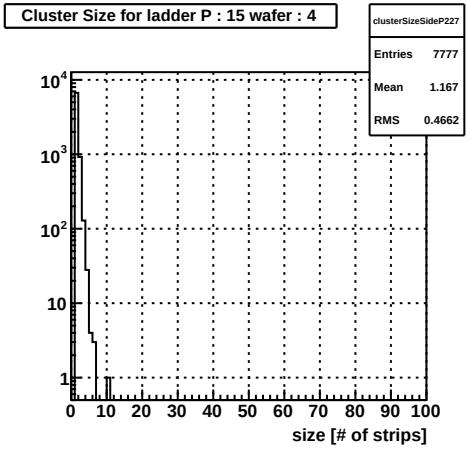

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 9293
Mean 1.372
RMS 0.6477
size [# of strips]

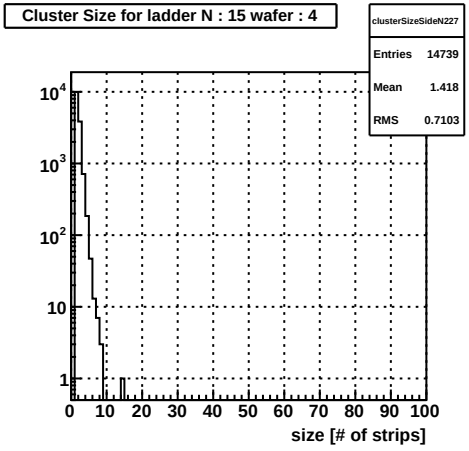

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

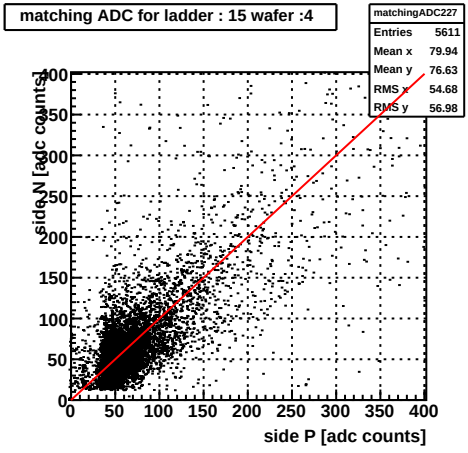

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

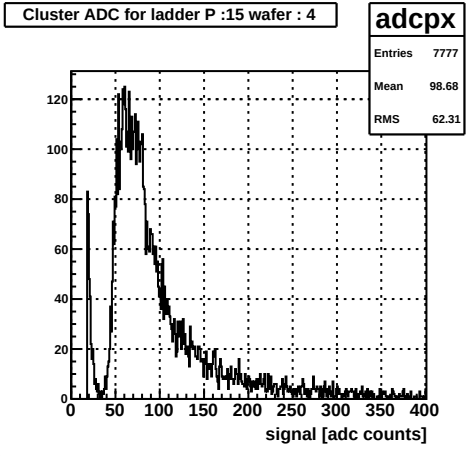

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 9293
Mean 85.94
RMS 61.73
signal [adc counts]

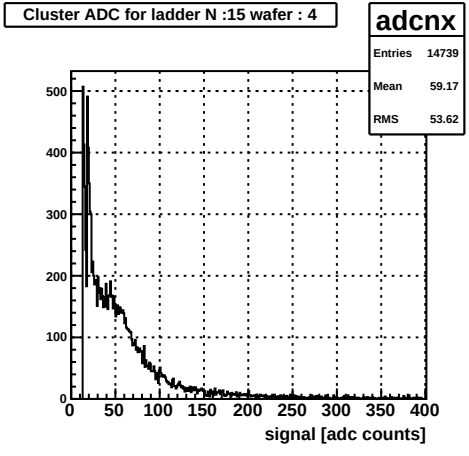

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

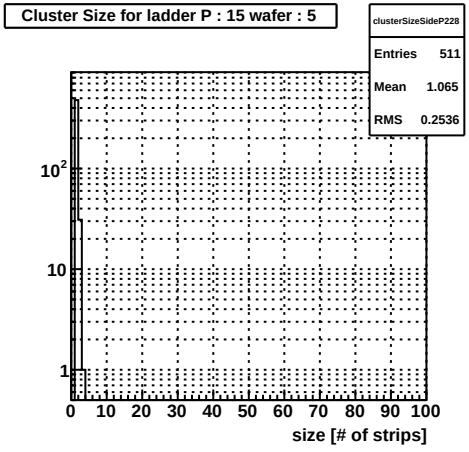

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 7777
Mean 1.167
RMS 0.4662
size [# of strips]

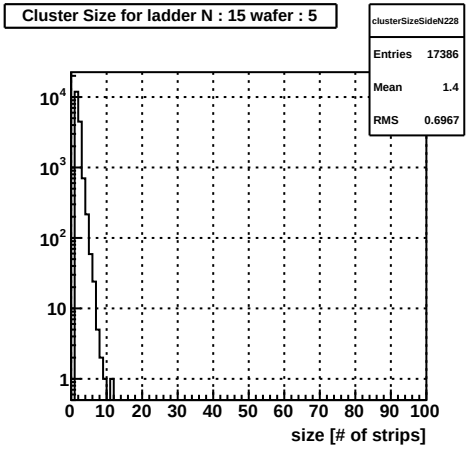

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 14739
Mean 1.418
RMS 0.7103
size [# of strips]

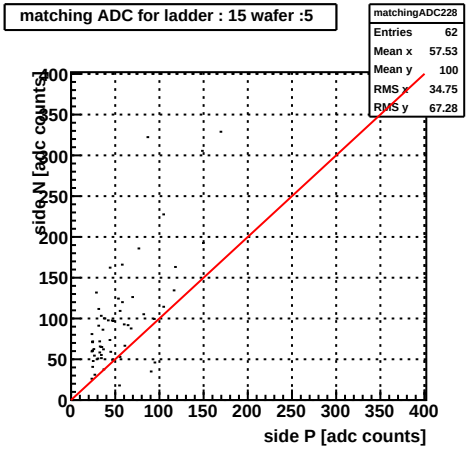

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5611
Mean x 79.94
Mean y 76.63
RMS x 54.68
RMS y 56.98
side N [adc counts]
side P [adc counts]

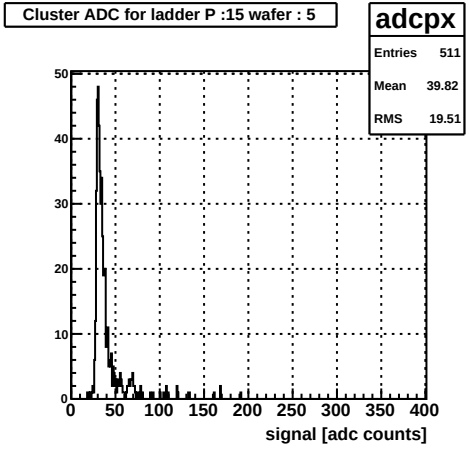

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 7777
Mean 98.68
RMS 62.31
signal [adc counts]

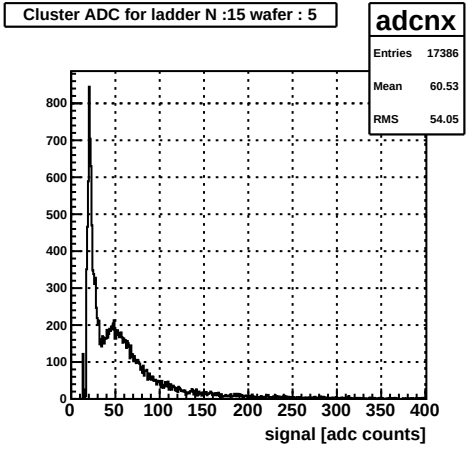

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 14739
Mean 59.17
RMS 53.62
signal [adc counts]

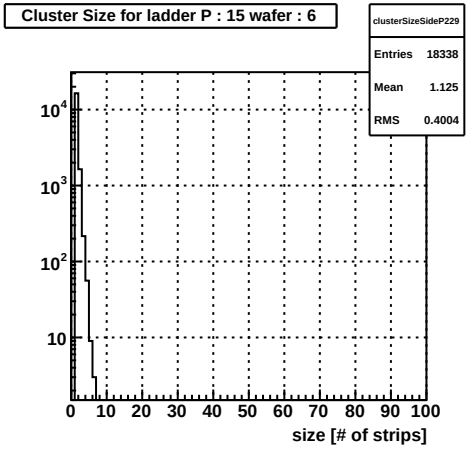

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 511
Mean 1.065
RMS 0.2536
size [# of strips]

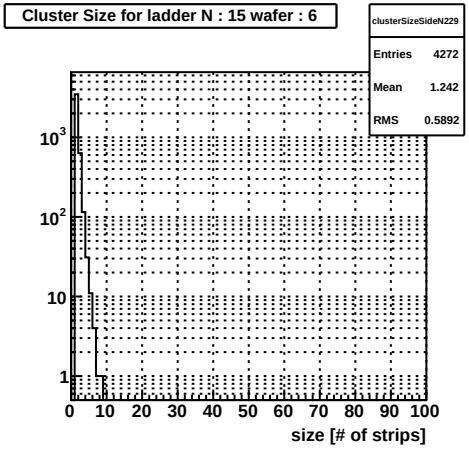

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 17386
Mean 1.4
RMS 0.6967
size [# of strips]

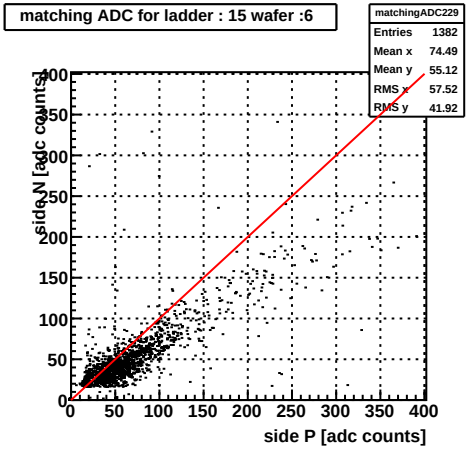

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 62
Mean x 57.53
Mean y 100
RMS x 34.75
RMS y 67.28
side N [adc counts]
side P [adc counts]

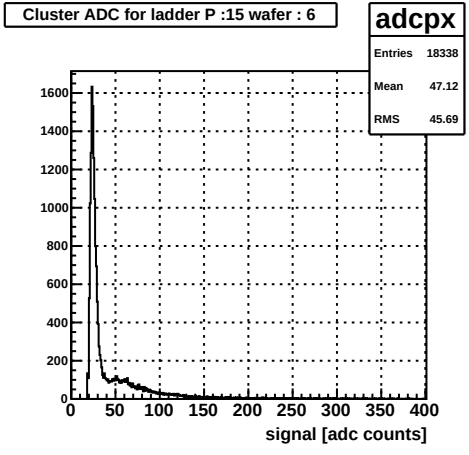

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 511
Mean 39.82
RMS 19.51
signal [adc counts]

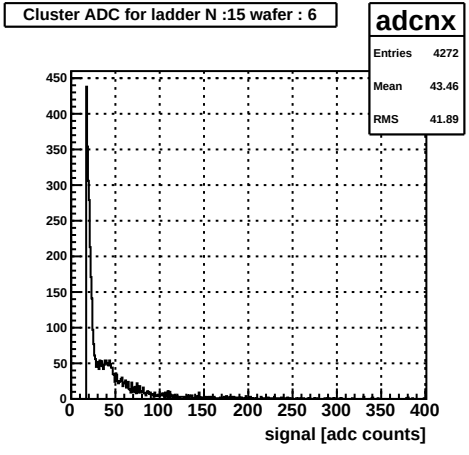

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 17386
Mean 60.53
RMS 54.05
signal [adc counts]

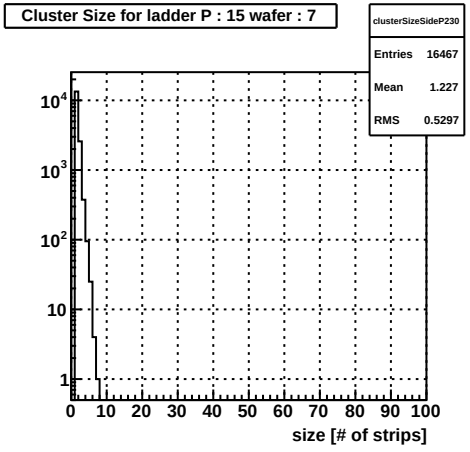

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 18338
Mean 1.125
RMS 0.4004
size [# of strips]

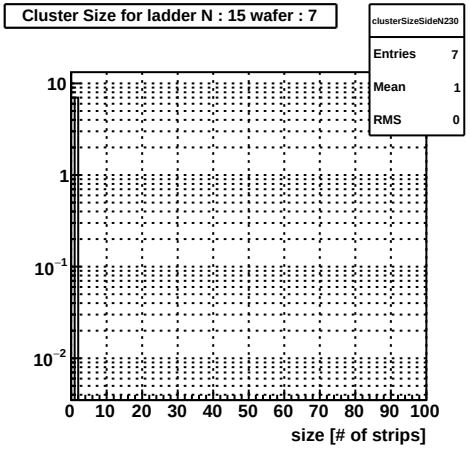

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4272
Mean 1.242
RMS 0.5892
size [# of strips]

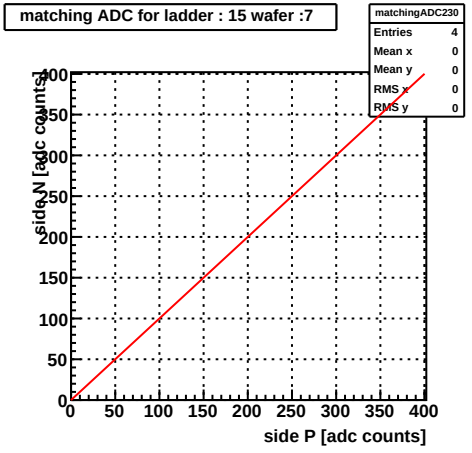

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1382
Mean x 74.49
Mean y 55.12
RMS x 57.52
RMS y 41.92
side N [adc counts]
side P [adc counts]

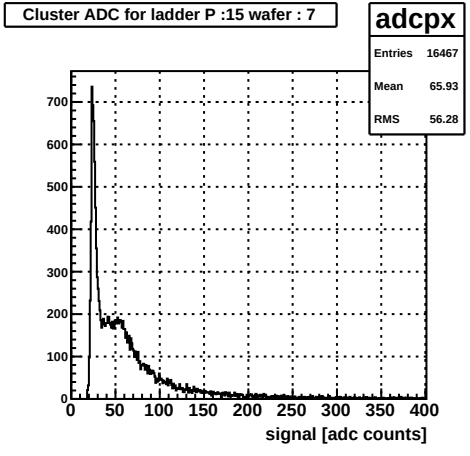

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 18338
Mean 47.12
RMS 45.69
signal [adc counts]

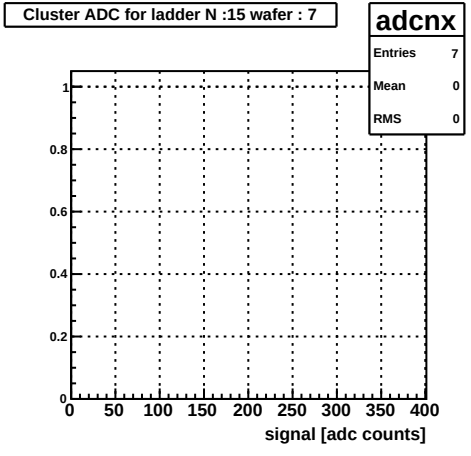

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4272
Mean 43.46
RMS 41.89
signal [adc counts]

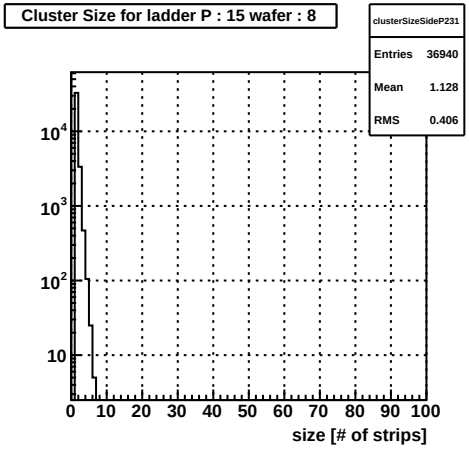

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 16467
Mean 1.227
RMS 0.5297
size [# of strips]

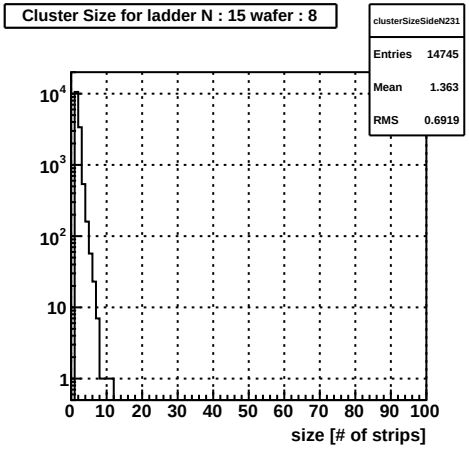

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 7
Mean 1
RMS 0
size [# of strips]

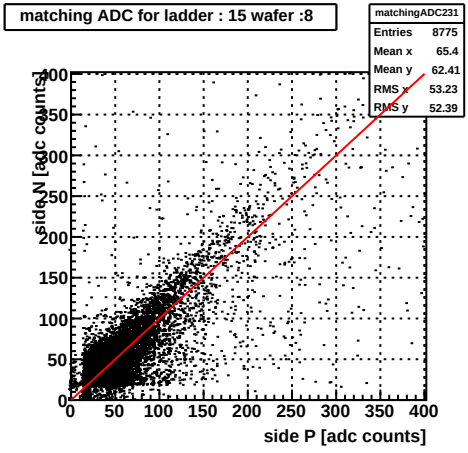

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

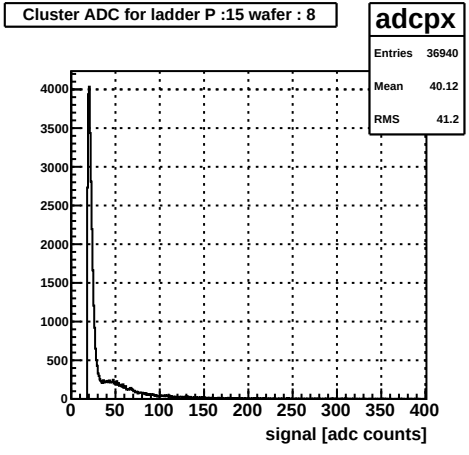

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 16467
Mean 65.93
RMS 56.28
signal [adc counts]

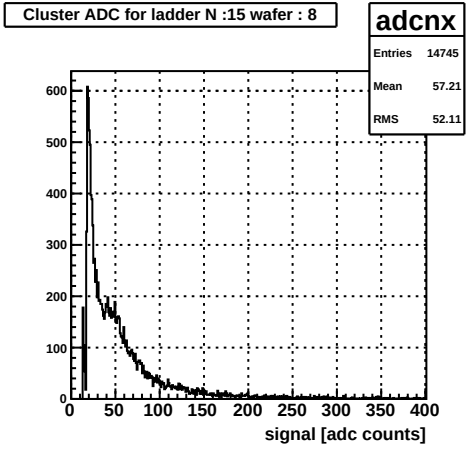

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

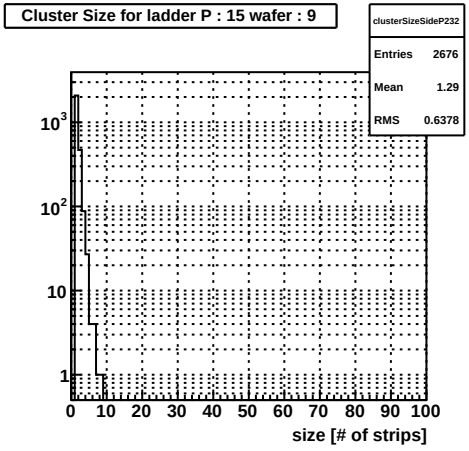

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 36940
Mean 1.128
RMS 0.406
size [# of strips]

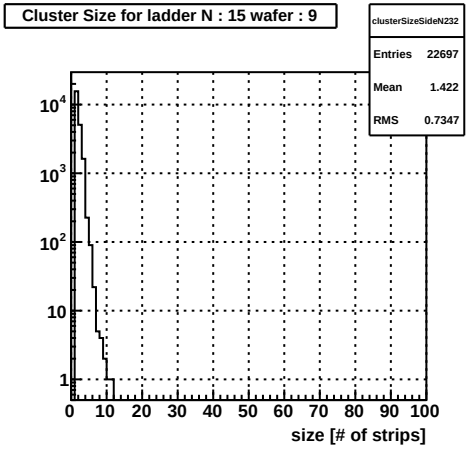

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14745
Mean 1.363
RMS 0.6919
size [# of strips]

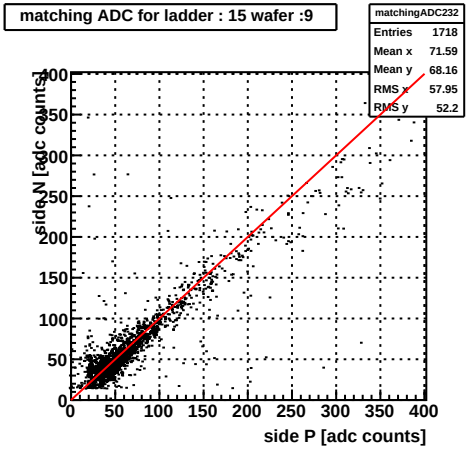

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8775
Mean x 65.4
Mean y 62.41
RMS x 53.23
RMS y 52.39
side N [adc counts]
side P [adc counts]

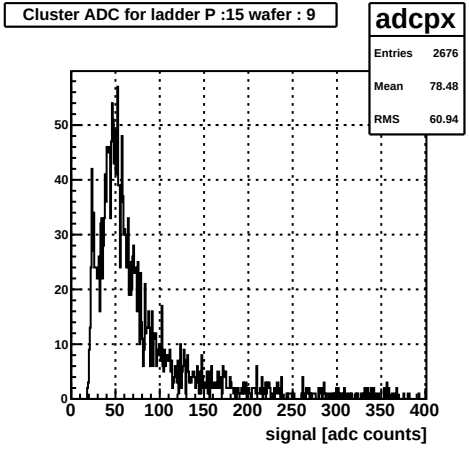

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 36940
Mean 40.12
RMS 41.2
signal [adc counts]

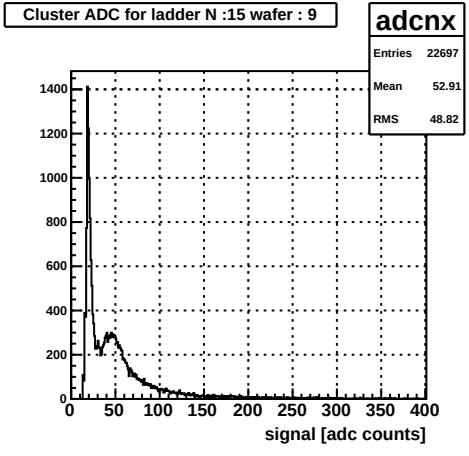

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14745
Mean 57.21
RMS 52.11
signal [adc counts]

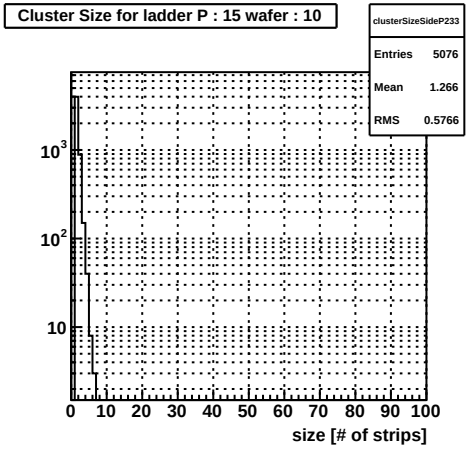

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2676
Mean 1.29
RMS 0.6378
size [# of strips]

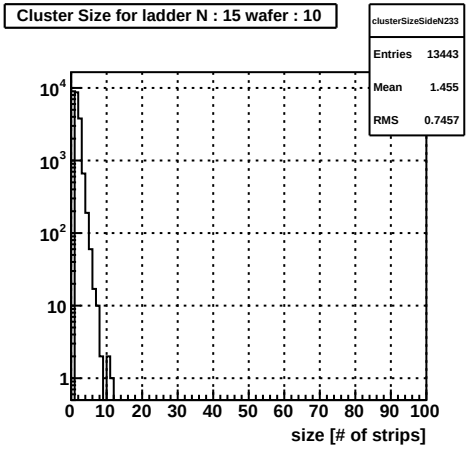

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 22697
Mean 1.422
RMS 0.7347
size [# of strips]

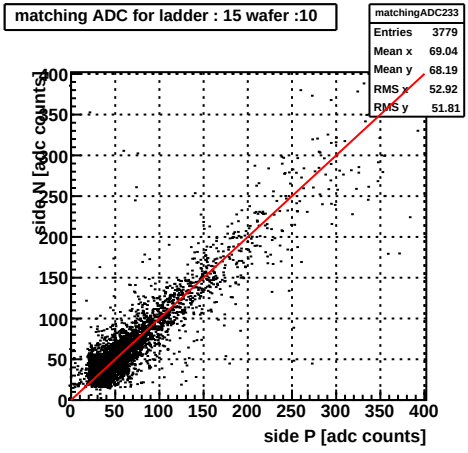

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1718
Mean x 71.59
Mean y 68.16
RMS x 57.95
RMS y 52.2
side N [adc counts]
side P [adc counts]

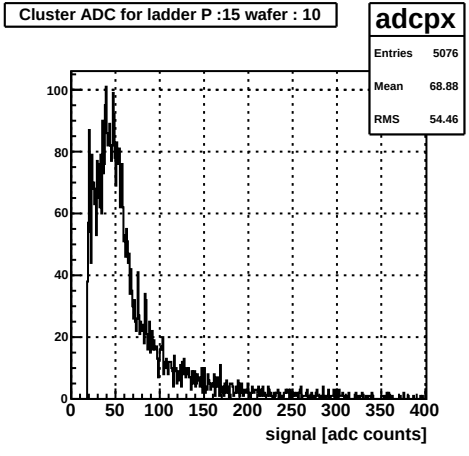

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2676
Mean 78.48
RMS 60.94
signal [adc counts]

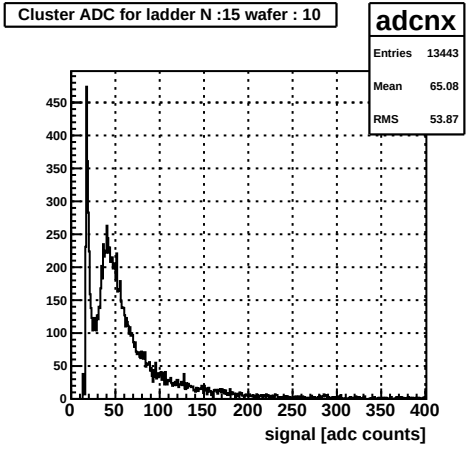

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 22697
Mean 52.91
RMS 48.82
signal [adc counts]

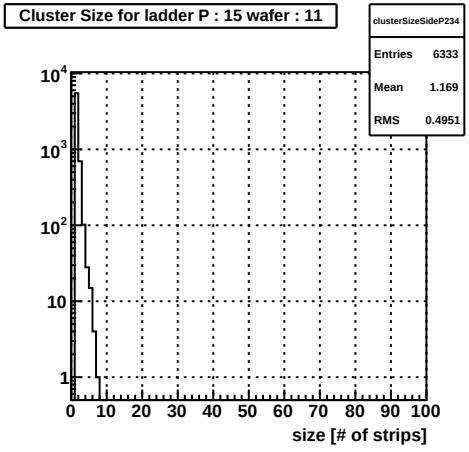

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 5076
Mean 1.266
RMS 0.5766
size [# of strips]

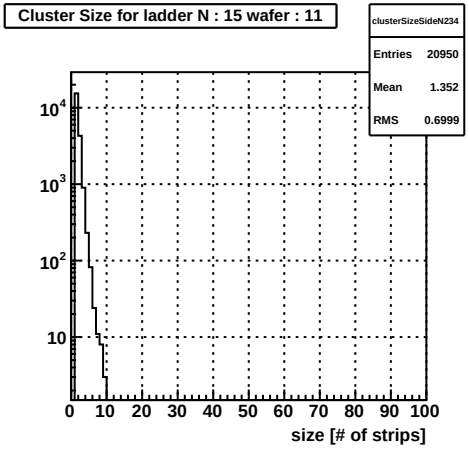

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 13443
Mean 1.455
RMS 0.7457
size [# of strips]

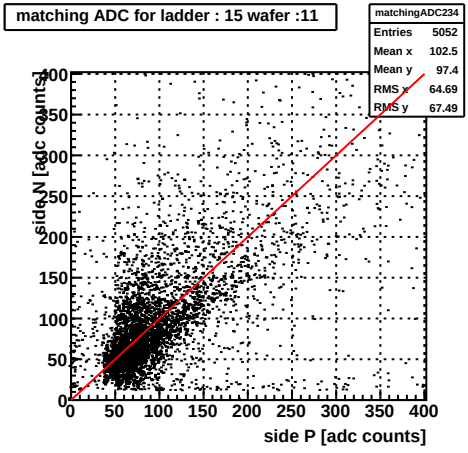

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 3779
Mean x 69.04
Mean y 68.19
RMS x 52.92
RMS y 51.81
side N [adc counts]
side P [adc counts]

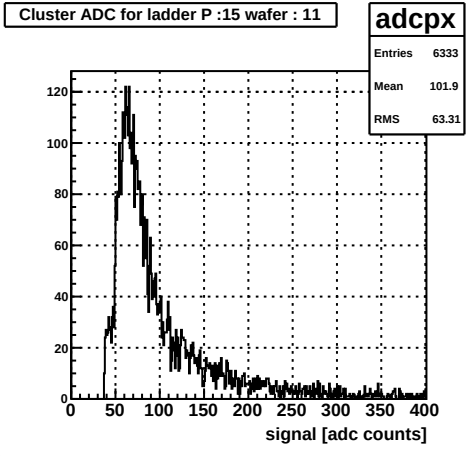

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 5076
Mean 68.88
RMS 54.46
signal [adc counts]

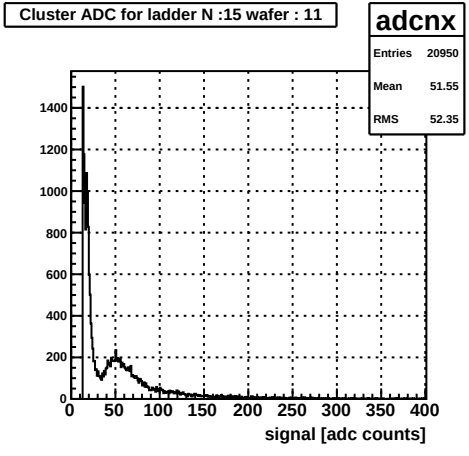

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 13443
Mean 65.08
RMS 53.87
signal [adc counts]

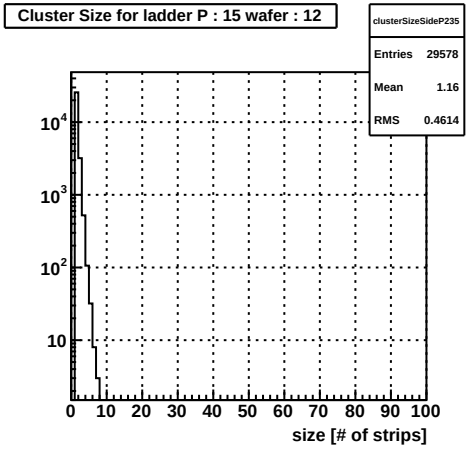

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6333
Mean 1.169
RMS 0.4951
size [# of strips]

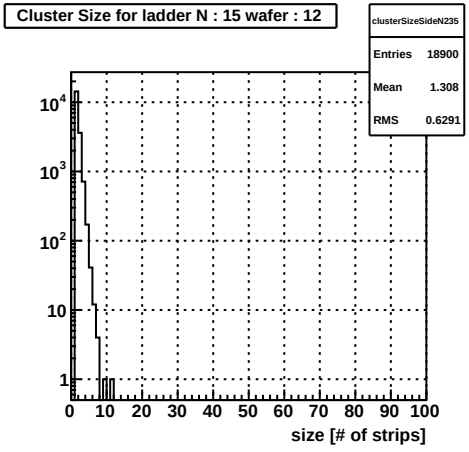

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 20950
Mean 1.352
RMS 0.6999
size [# of strips]

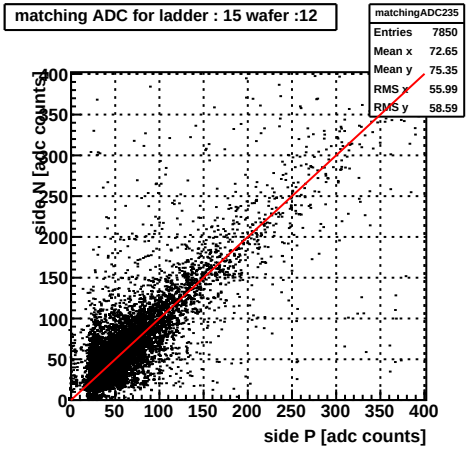

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 5052
Mean x 102.5
Mean y 97.4
RMS x 64.69
RMS y 67.49
side N [adc counts]
side P [adc counts]

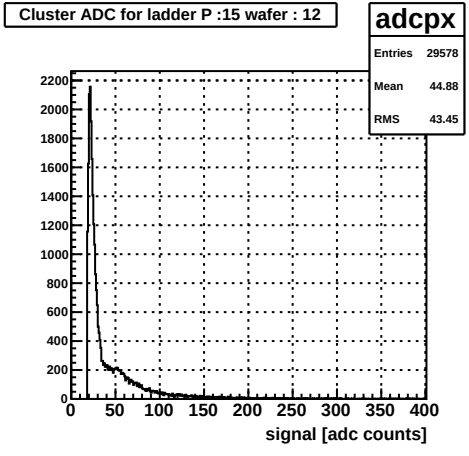

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6333
Mean 101.9
RMS 63.31
signal [adc counts]

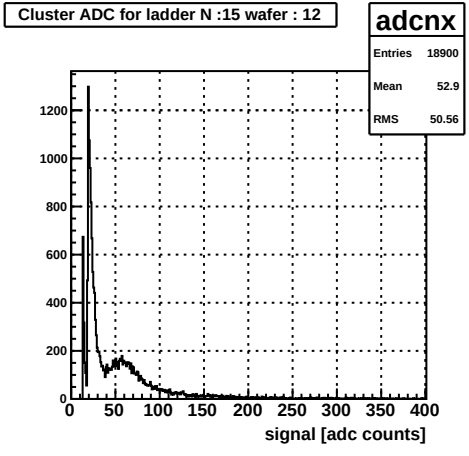

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 20950
Mean 51.55
RMS 52.35
signal [adc counts]

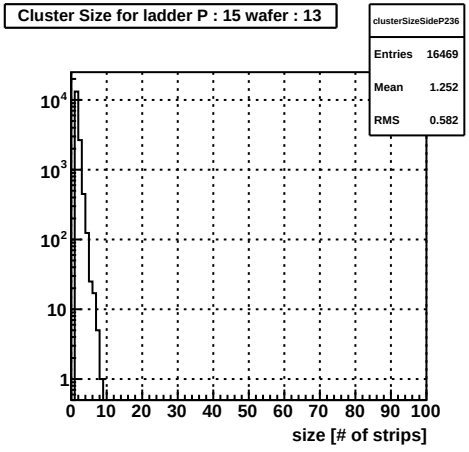

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 29578
Mean 1.16
RMS 0.4614
size [# of strips]

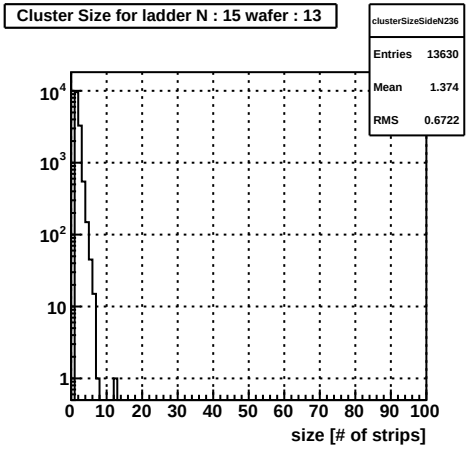

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 18900
Mean 1.308
RMS 0.6291
size [# of strips]

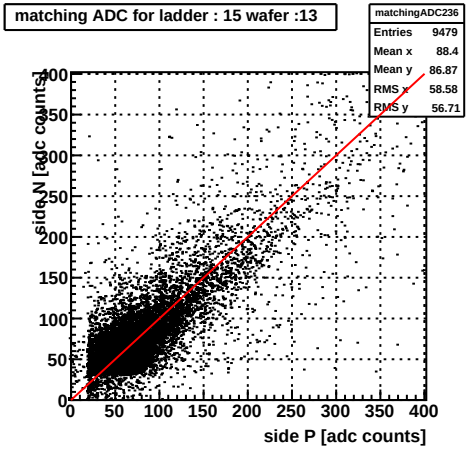

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 7850
Mean x 72.65
Mean y 75.35
RMS x 55.99
RMS y 58.59
side N [adc counts]
side P [adc counts]

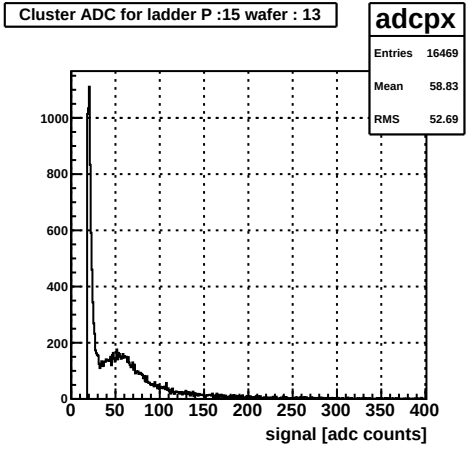

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 29578
Mean 44.88
RMS 43.45
signal [adc counts]

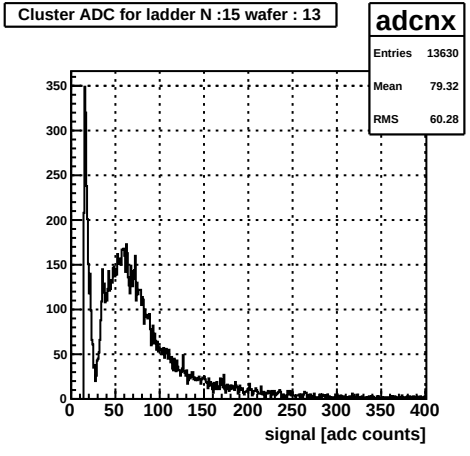

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 18900
Mean 52.9
RMS 50.56
signal [adc counts]

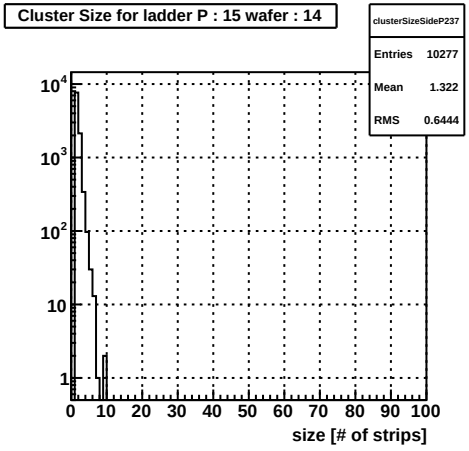

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 16469
Mean 1.252
RMS 0.582
size [# of strips]

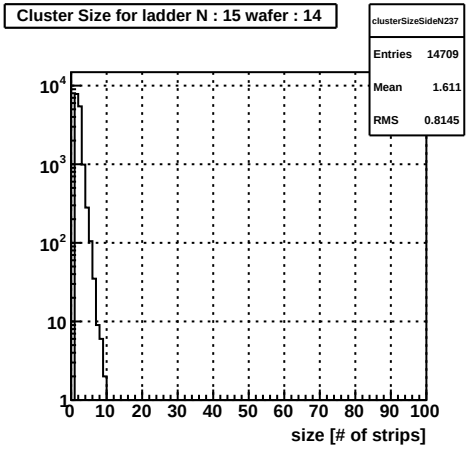

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 13630
Mean 1.374
RMS 0.6722
size [# of strips]

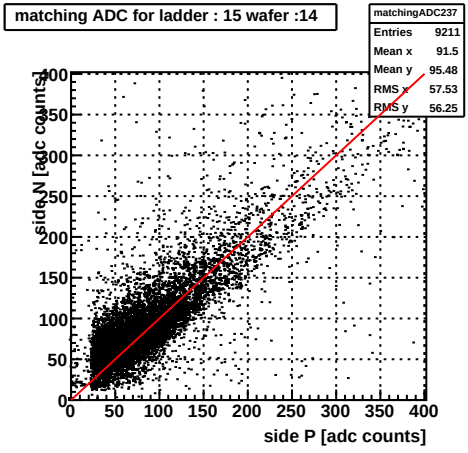

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9479
Mean x 88.4
Mean y 86.87
RMS x 58.58
RMS y 56.71
side N [adc counts]
side P [adc counts]

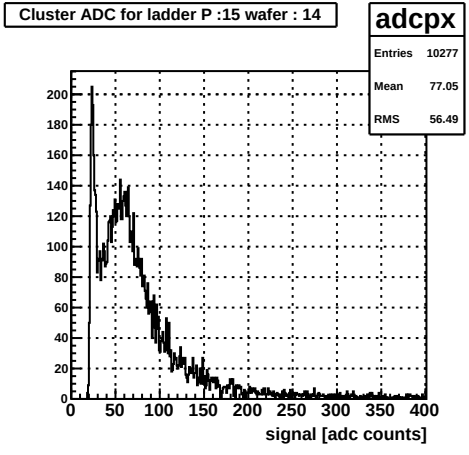

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 16469
Mean 58.83
RMS 52.69
signal [adc counts]

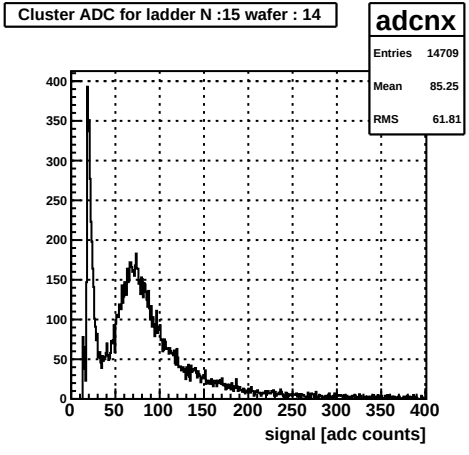

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 13630
Mean 79.32
RMS 60.28
signal [adc counts]

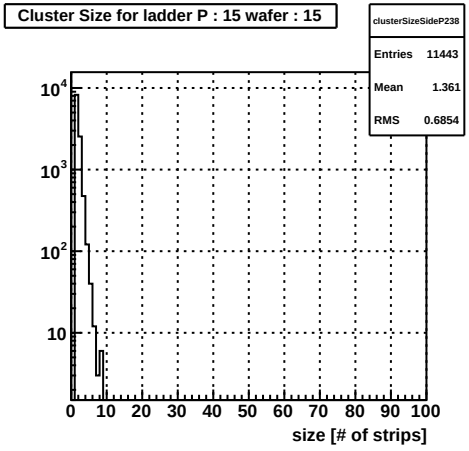

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10277
Mean 1.322
RMS 0.6444
size [# of strips]

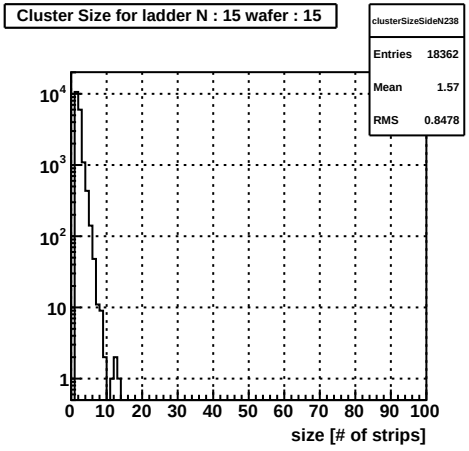

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 14709
Mean 1.611
RMS 0.8145
size [# of strips]

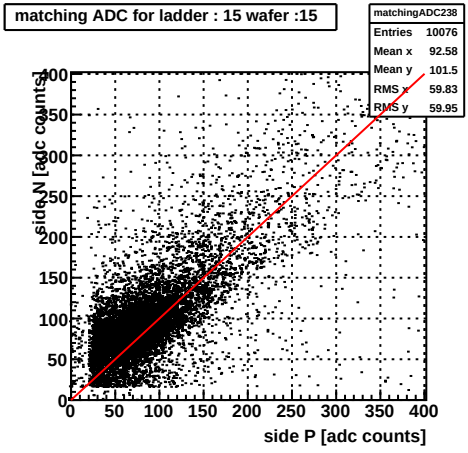

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9211
Mean x 91.5
Mean y 95.48
RMS x 57.53
RMS y 56.25
side N [adc counts]
side P [adc counts]

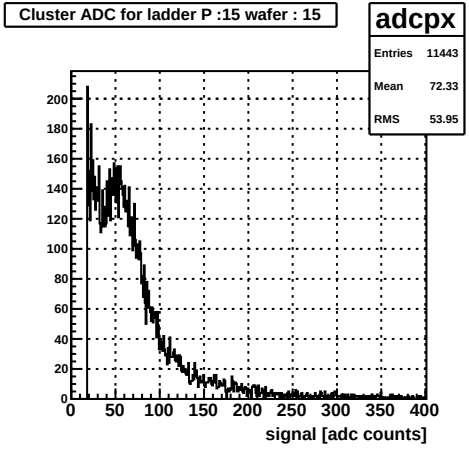

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10277
Mean 77.05
RMS 56.49
signal [adc counts]

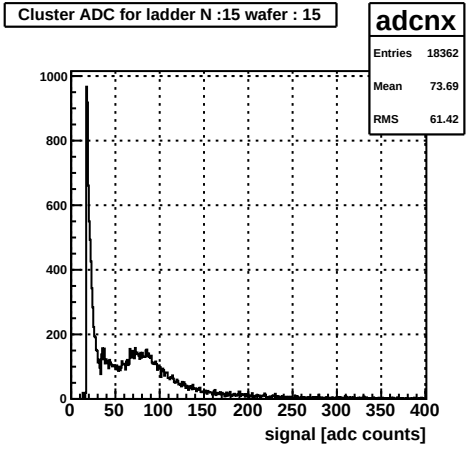

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 14709
Mean 85.25
RMS 61.81
signal [adc counts]

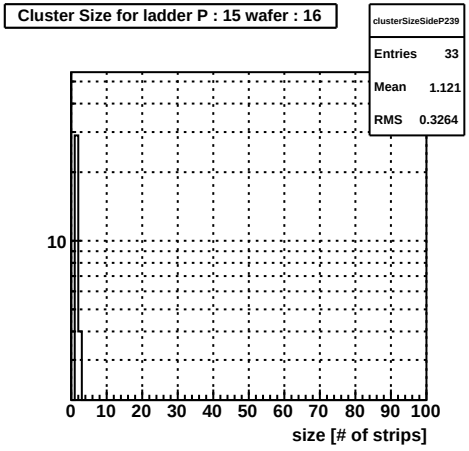

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 11443
Mean 1.361
RMS 0.6854
size [# of strips]

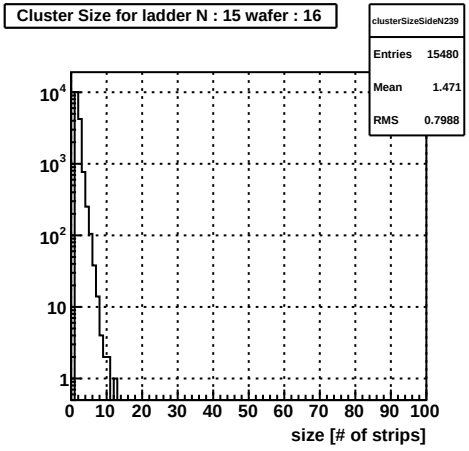

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18362
Mean 1.57
RMS 0.8478
size [# of strips]

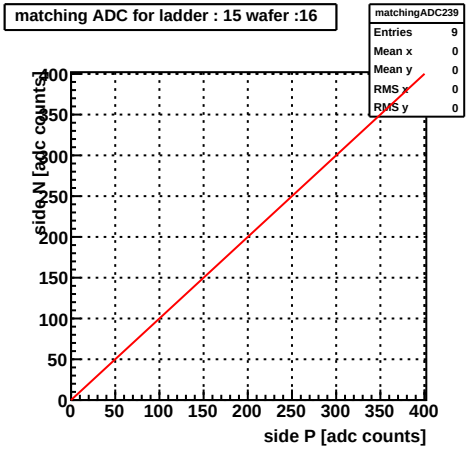

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10076
Mean x 92.58
Mean y 101.5
RMS x 59.83
RMS y 59.95
side N [adc counts]
side P [adc counts]

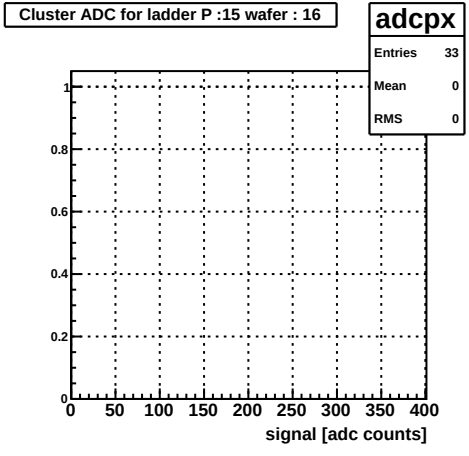

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 11443
Mean 72.33
RMS 53.95
signal [adc counts]

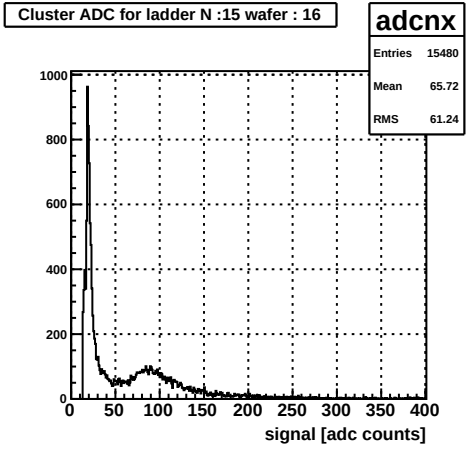

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18362
Mean 73.69
RMS 61.42
signal [adc counts]

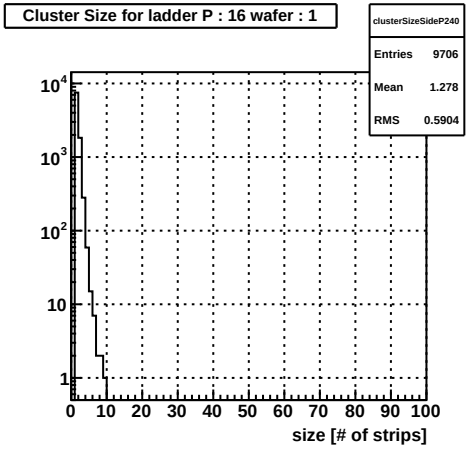

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 33
Mean 1.121
RMS 0.3264
size [# of strips]

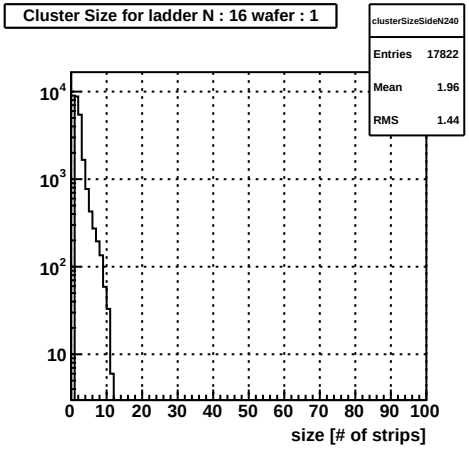

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 15480
Mean 1.471
RMS 0.7988
size [# of strips]

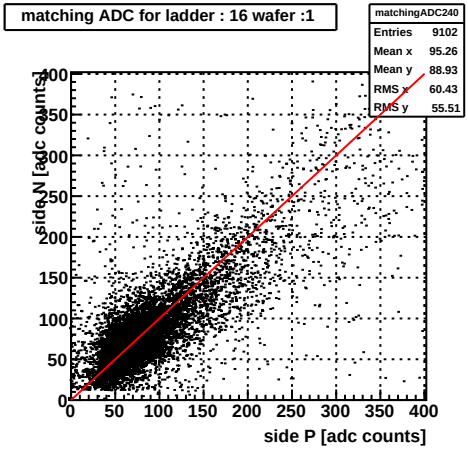

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 9
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

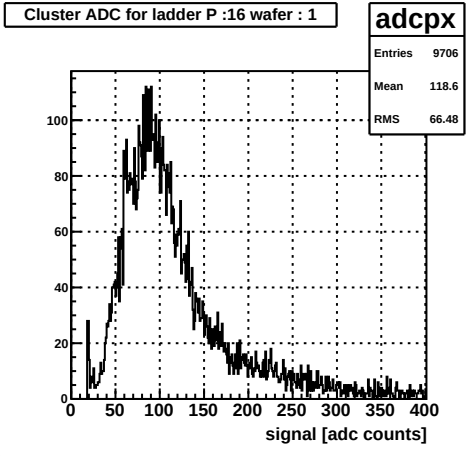

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 33
Mean 0
RMS 0
signal [adc counts]

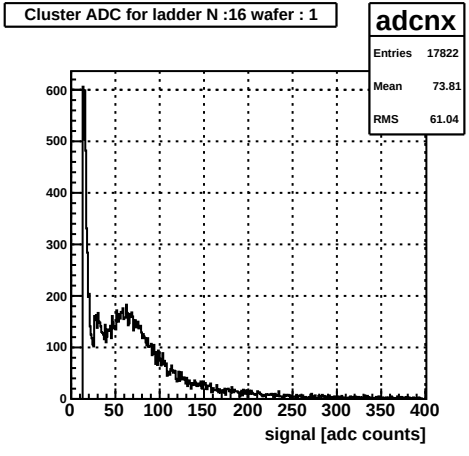

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 15480
Mean 65.72
RMS 61.24
signal [adc counts]

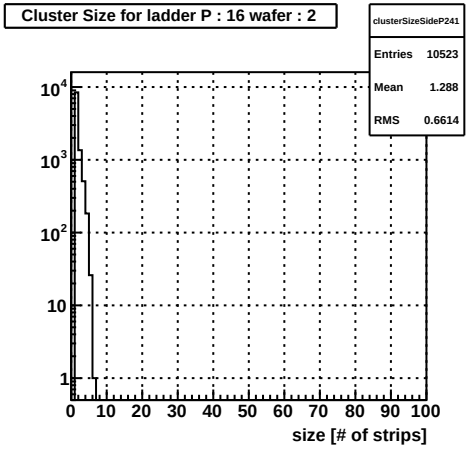

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 9706
Mean 1.278
RMS 0.5904
size [# of strips]

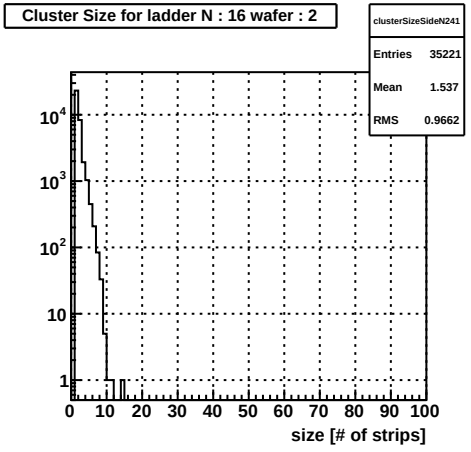

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 17822
Mean 1.96
RMS 1.44
size [# of strips]

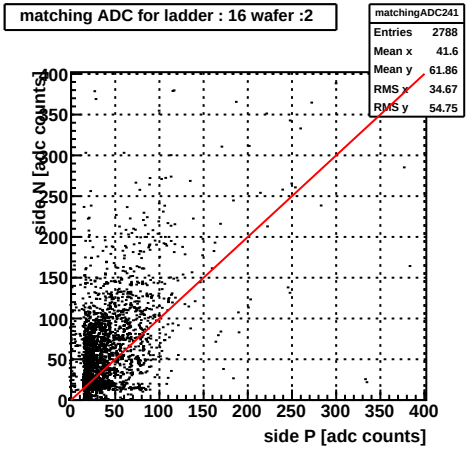

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 9102
Mean x 95.26
Mean y 88.93
RMS x 60.43
RMS y 55.51
side N [adc counts]
side P [adc counts]

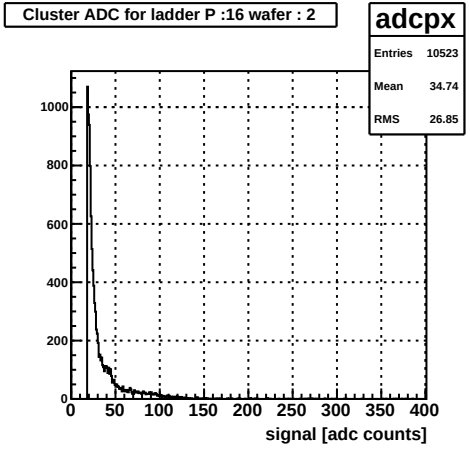

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 9706
Mean 118.6
RMS 66.48
signal [adc counts]

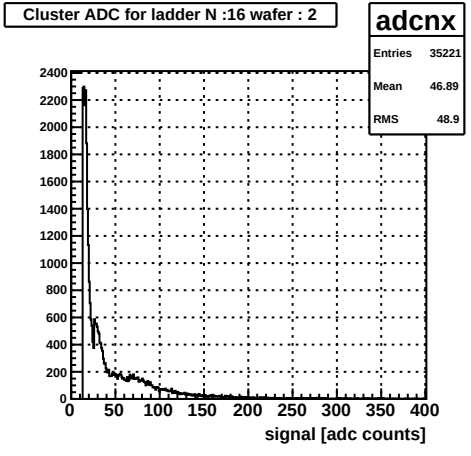

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 17822
Mean 73.81
RMS 61.04
signal [adc counts]

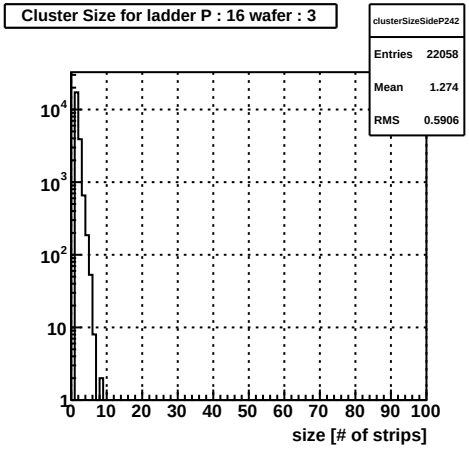

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 10523
Mean 1.288
RMS 0.6614
size [# of strips]

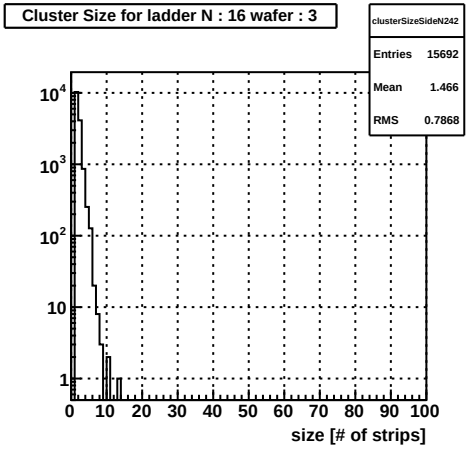

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 35221
Mean 1.537
RMS 0.9662
size [# of strips]

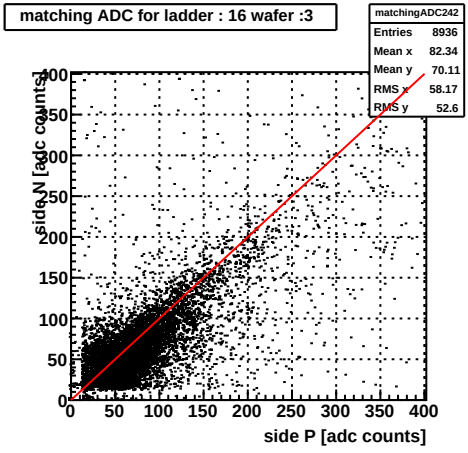

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2788
Mean x 41.6
Mean y 61.86
RMS x 34.67
RMS y 54.75
side N [adc counts]
side P [adc counts]

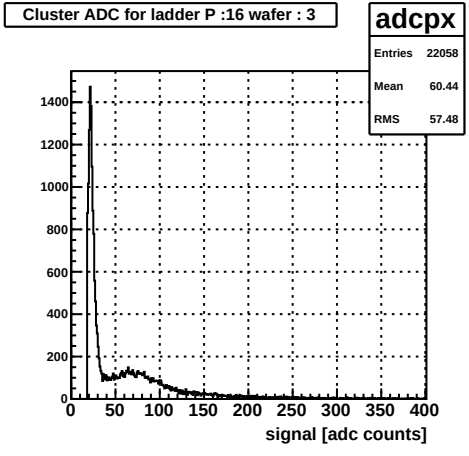

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 10523
Mean 34.74
RMS 26.85
signal [adc counts]

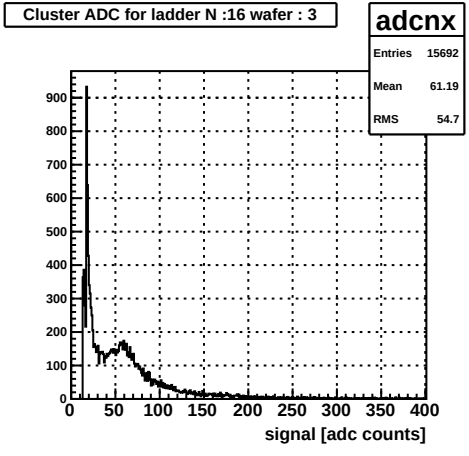

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 35221
Mean 46.89
RMS 48.9
signal [adc counts]

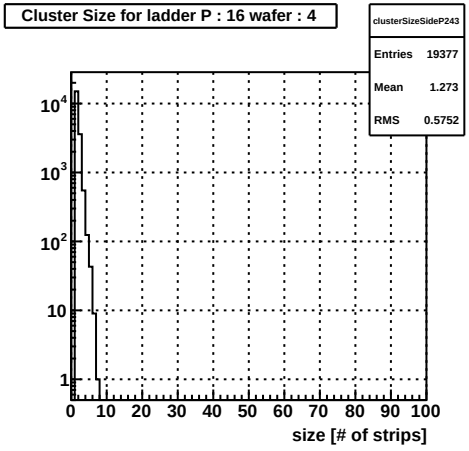

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 22058
Mean 1.274
RMS 0.5906
size [# of strips]

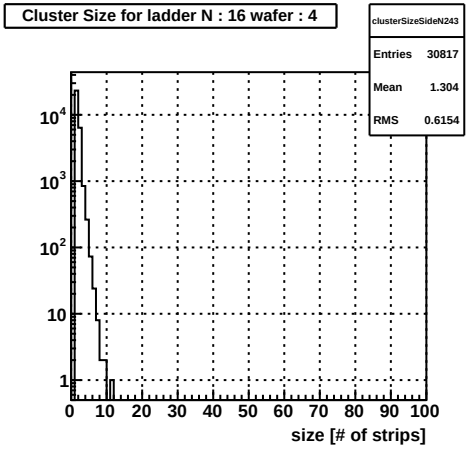

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15692
Mean 1.466
RMS 0.7868
size [# of strips]

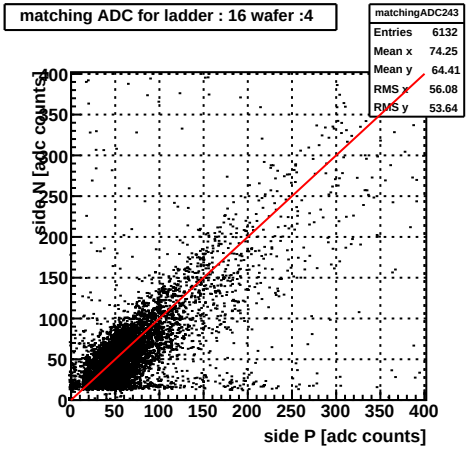

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 8936
Mean x 82.34
Mean y 70.11
RMS x 58.17
RMS y 52.6
side N [adc counts]
side P [adc counts]

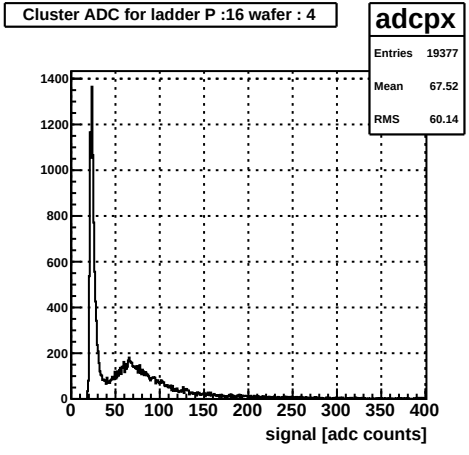

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 22058
Mean 60.44
RMS 57.48
signal [adc counts]

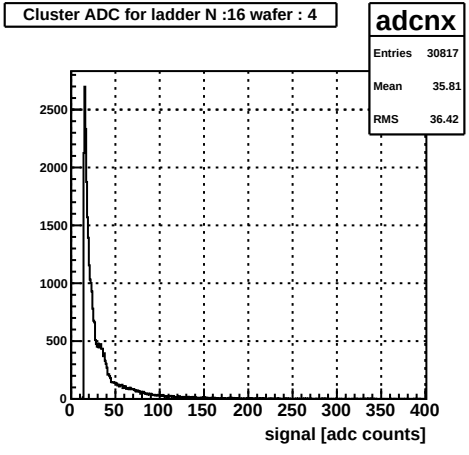

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15692
Mean 61.19
RMS 54.7
signal [adc counts]

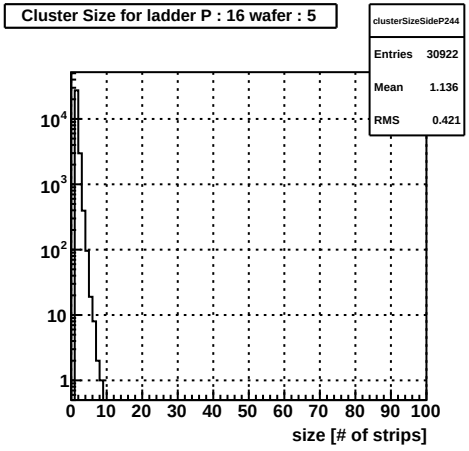

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 19377
Mean 1.273
RMS 0.5752
size [# of strips]

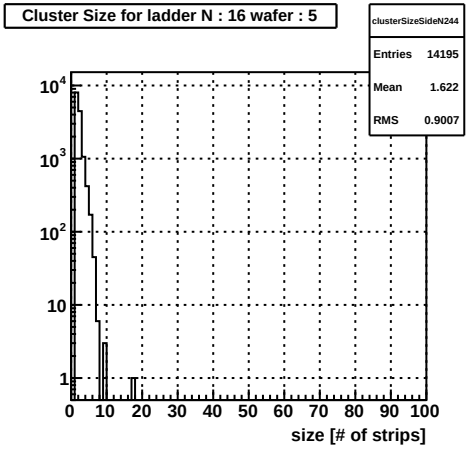

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 30817
Mean 1.304
RMS 0.6154
size [# of strips]

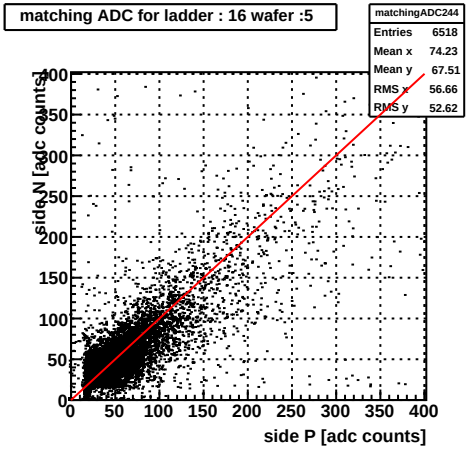

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 6132
Mean x 74.25
Mean y 64.41
RMS x 56.08
RMS y 53.64
side N [adc counts]
side P [adc counts]

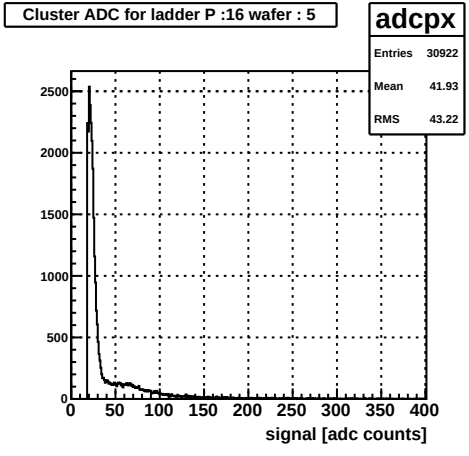

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 19377
Mean 67.52
RMS 60.14
signal [adc counts]

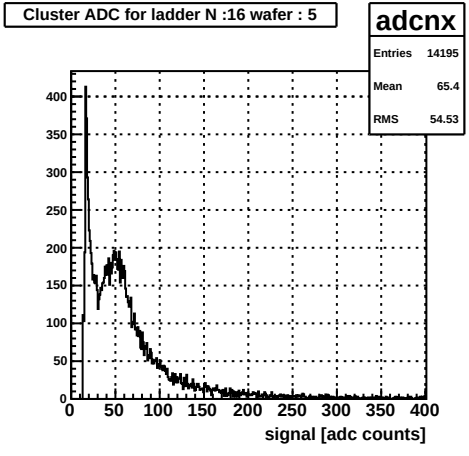

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 30817
Mean 35.81
RMS 36.42
signal [adc counts]

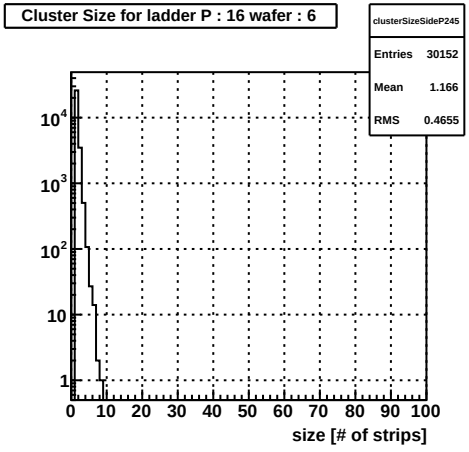

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 30922
Mean 1.136
RMS 0.421
size [# of strips]

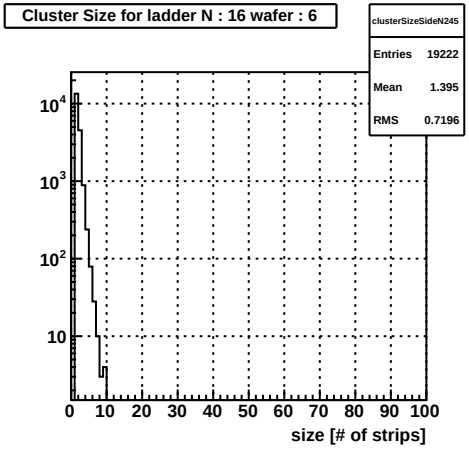

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 14195
Mean 1.622
RMS 0.9007
size [# of strips]

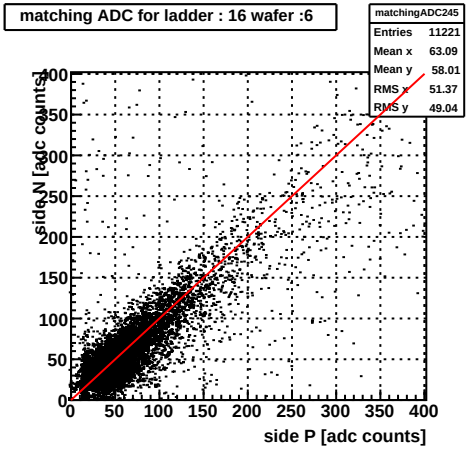

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 6518
Mean x 74.23
Mean y 67.51
RMS x 56.66
RMS y 52.62
side N [adc counts]
side P [adc counts]

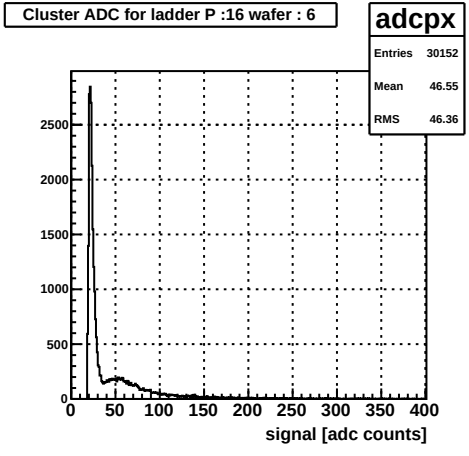

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 30922
Mean 41.93
RMS 43.22
signal [adc counts]

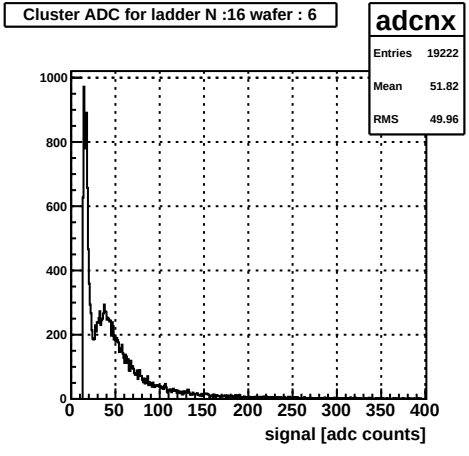

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 14195
Mean 65.4
RMS 54.53
signal [adc counts]

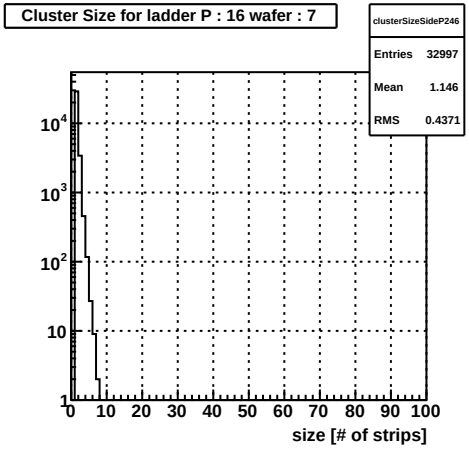

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 30152
Mean 1.166
RMS 0.4655
size [# of strips]

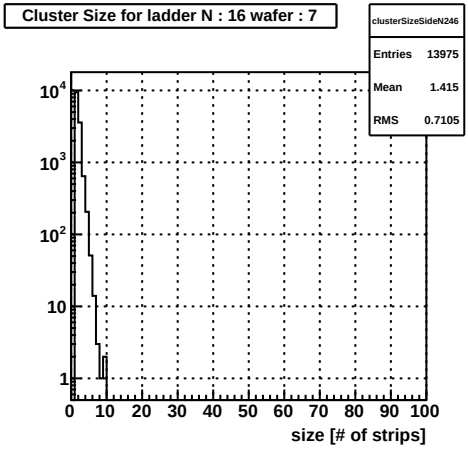

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 19222
Mean 1.395
RMS 0.7196
size [# of strips]

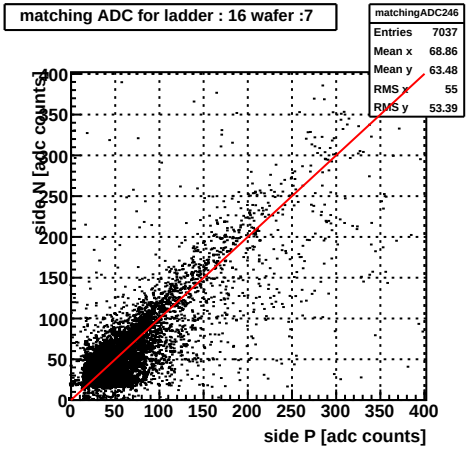

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11221
Mean x 63.09
Mean y 58.01
RMS x 51.37
RMS y 49.04
side N [adc counts]
side P [adc counts]

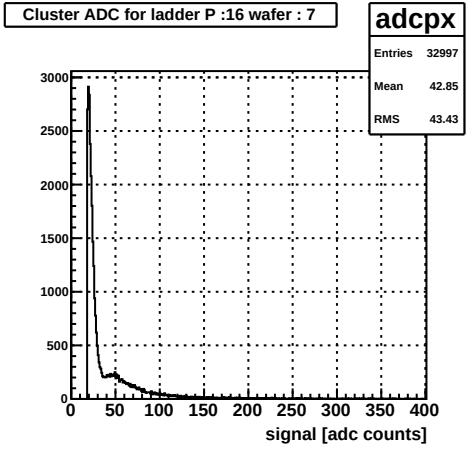

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 30152
Mean 46.55
RMS 46.36
signal [adc counts]

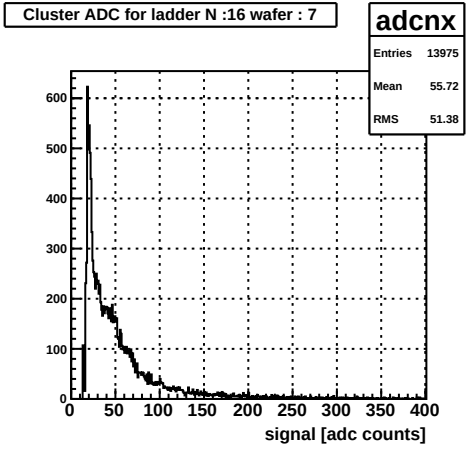

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 19222
Mean 51.82
RMS 49.96
signal [adc counts]

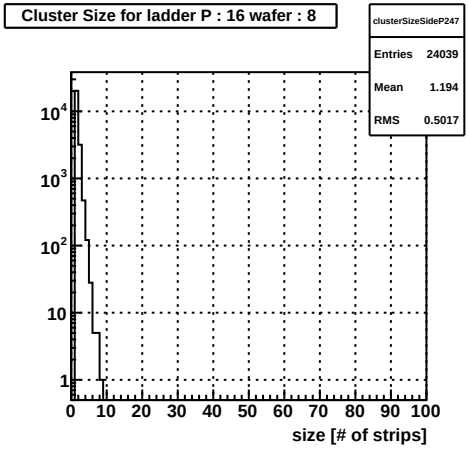

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 32997
Mean 1.146
RMS 0.4371
size [# of strips]

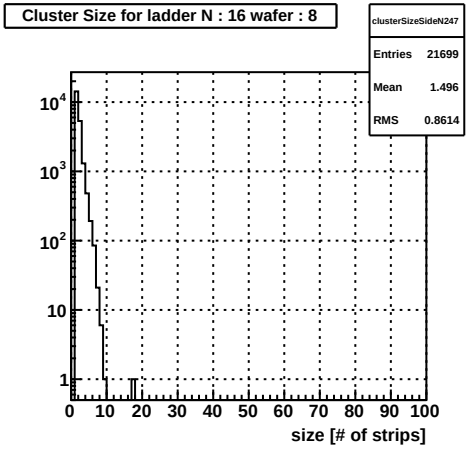

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 13975
Mean 1.415
RMS 0.7105
size [# of strips]

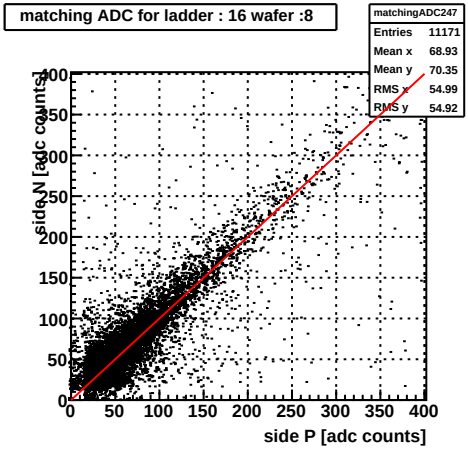

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7037
Mean x 68.86
Mean y 63.48
RMS x 55
RMS y 53.39
side N [adc counts]
side P [adc counts]

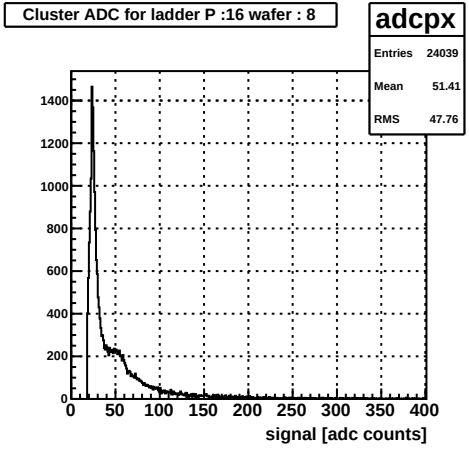

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 32997
Mean 42.85
RMS 43.43
signal [adc counts]

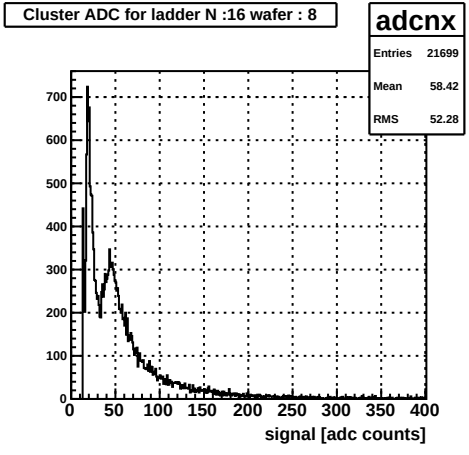

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 13975
Mean 55.72
RMS 51.38
signal [adc counts]

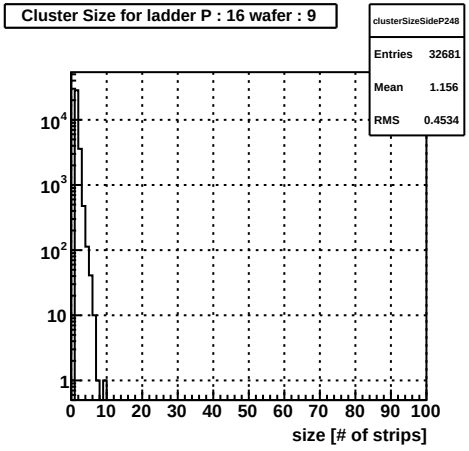

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 24039
Mean 1.194
RMS 0.5017
size [# of strips]

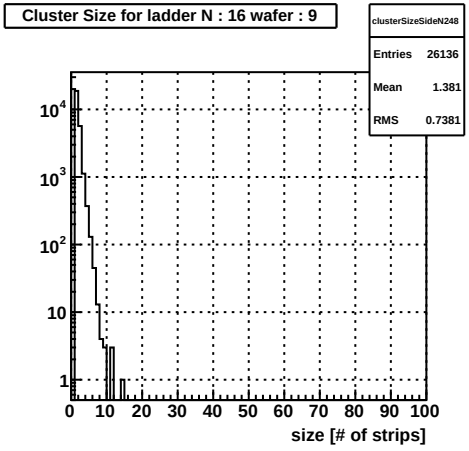

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 21699
Mean 1.496
RMS 0.8614
size [# of strips]

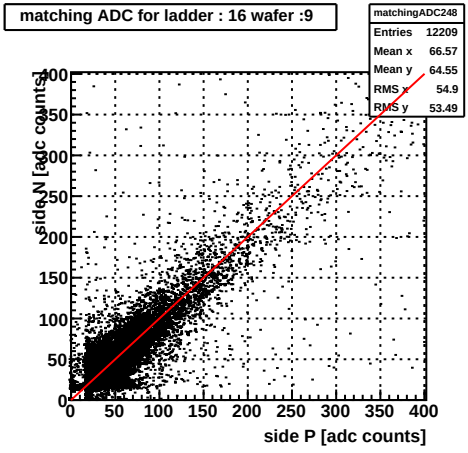

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11171
Mean x 68.93
Mean y 70.35
RMS x 54.99
RMS y 54.92
side N [adc counts]
side P [adc counts]

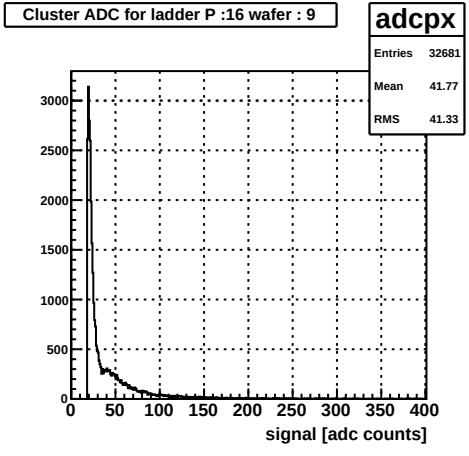

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 24039
Mean 51.41
RMS 47.76
signal [adc counts]

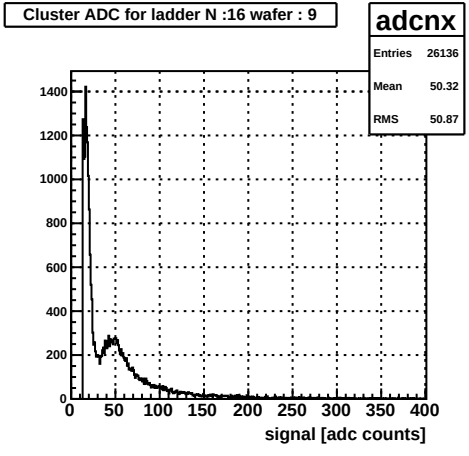

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 21699
Mean 58.42
RMS 52.28
signal [adc counts]

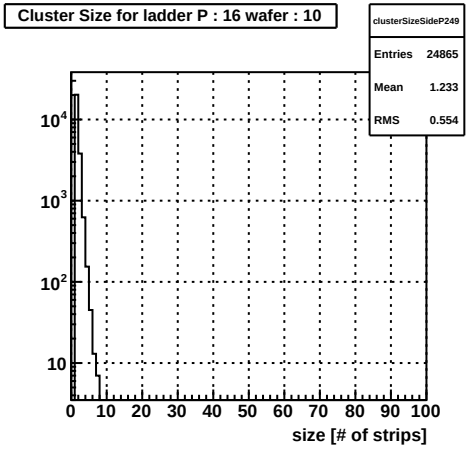

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 32681
Mean 1.156
RMS 0.4534
size [# of strips]

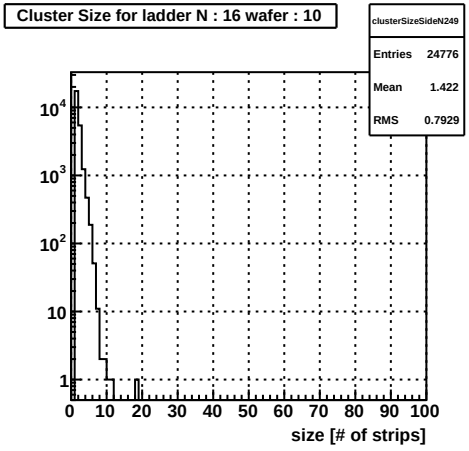

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 26136
Mean 1.381
RMS 0.7381
size [# of strips]

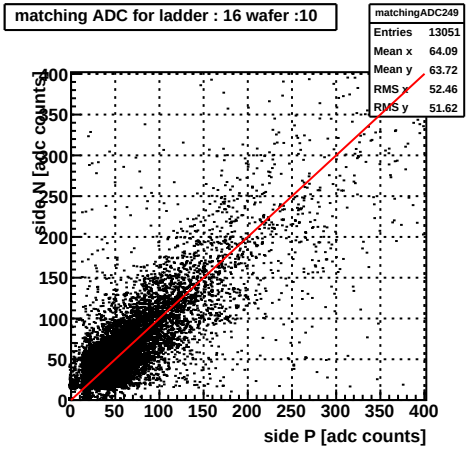

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 12209
Mean x 66.57
Mean y 64.55
RMS x 54.9
RMS y 53.49
side N [adc counts]
side P [adc counts]

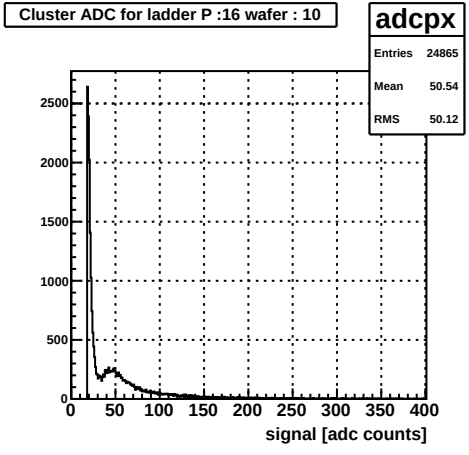

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 32681
Mean 41.77
RMS 41.33
signal [adc counts]

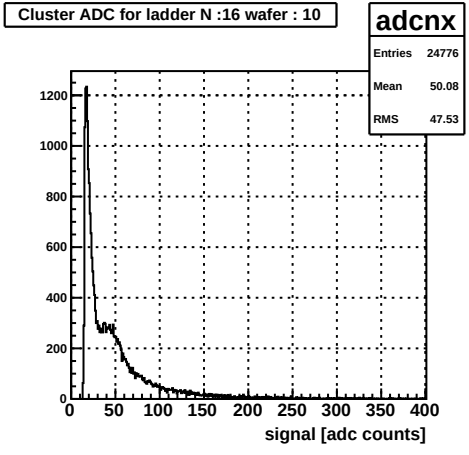

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 26136
Mean 50.32
RMS 50.87
signal [adc counts]

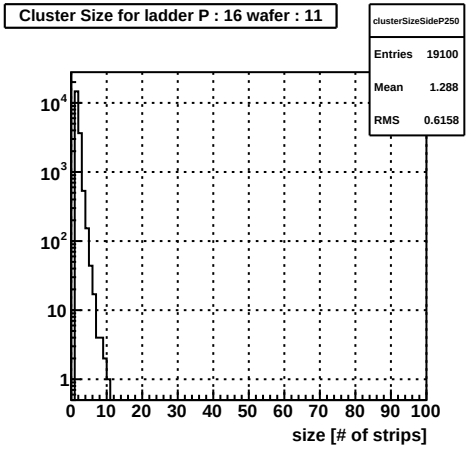

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 24865
Mean 1.233
RMS 0.554
size [# of strips]

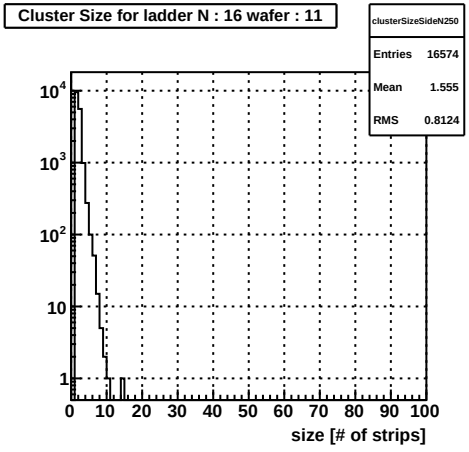

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 24776
Mean 1.422
RMS 0.7929
size [# of strips]

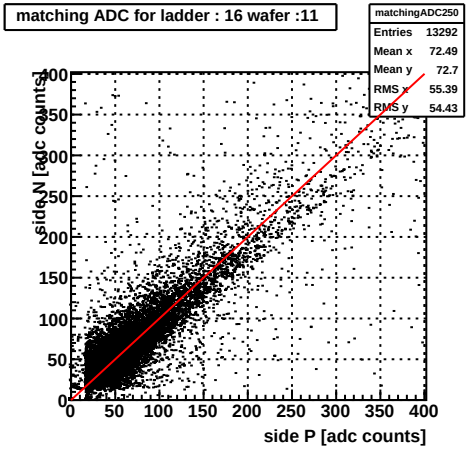

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13051
Mean x 64.09
Mean y 63.72
RMS x 52.46
RMS y 51.62
side N [adc counts]
side P [adc counts]

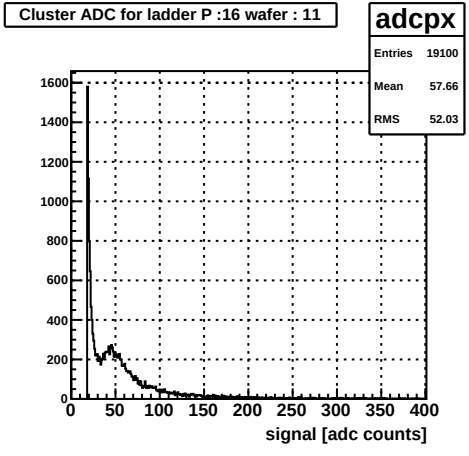

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 24865
Mean 50.54
RMS 50.12
signal [adc counts]

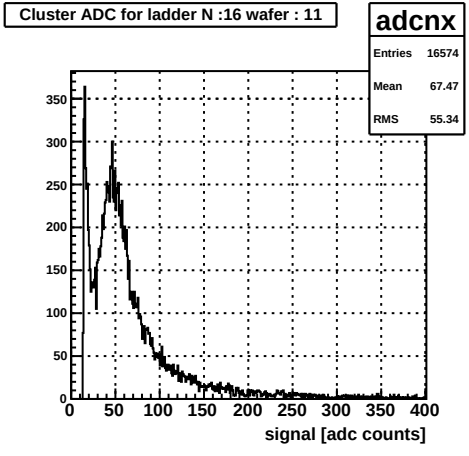

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 24776
Mean 50.08
RMS 47.53
signal [adc counts]

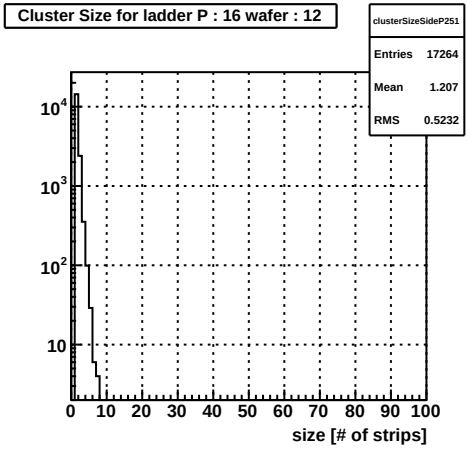

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 19100
Mean 1.288
RMS 0.6158
size [# of strips]

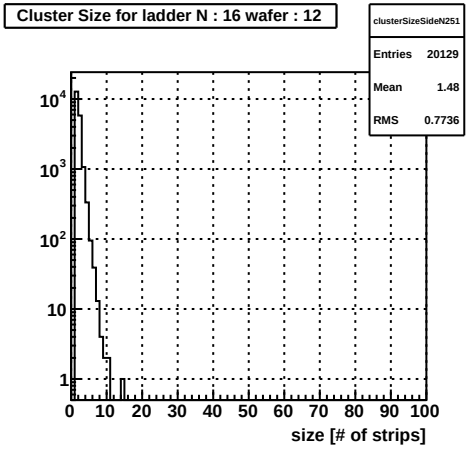

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 16574
Mean 1.555
RMS 0.8124
size [# of strips]

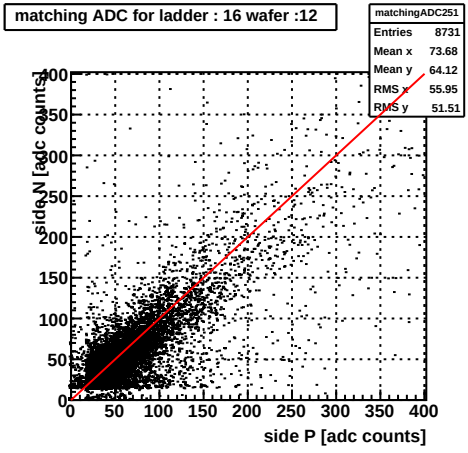

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 13292
Mean x 72.49
Mean y 72.7
RMS x 55.39
RMS y 54.43
side N [adc counts]
side P [adc counts]

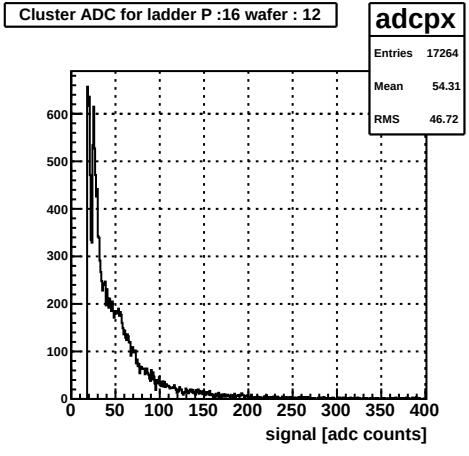

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 19100
Mean 57.66
RMS 52.03
signal [adc counts]

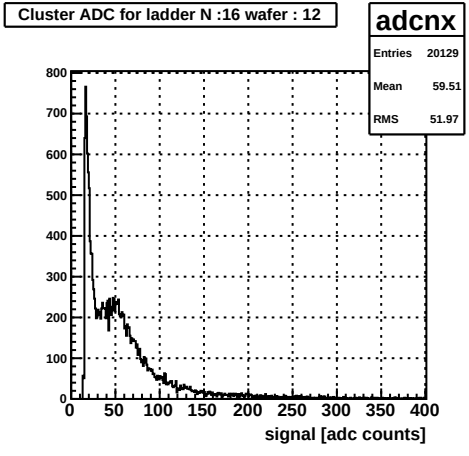

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 16574
Mean 67.47
RMS 55.34
signal [adc counts]

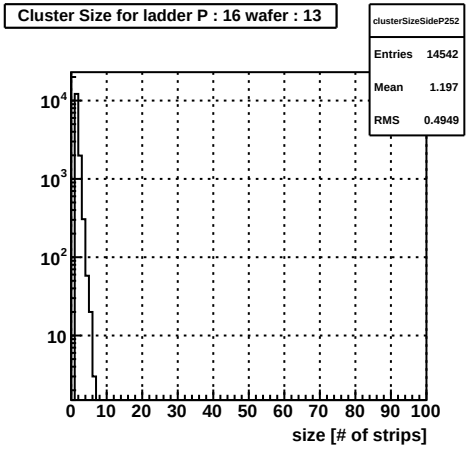

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 17264
Mean 1.207
RMS 0.5232
size [# of strips]

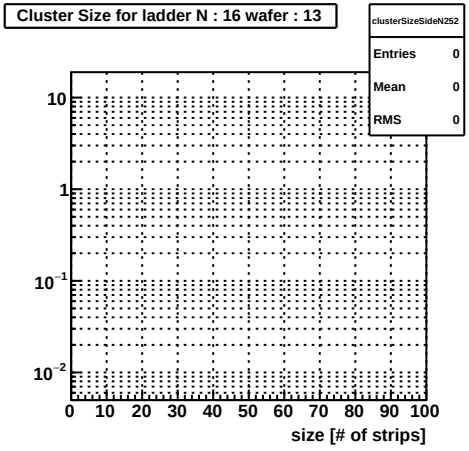

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 20129
Mean 1.48
RMS 0.7736
size [# of strips]

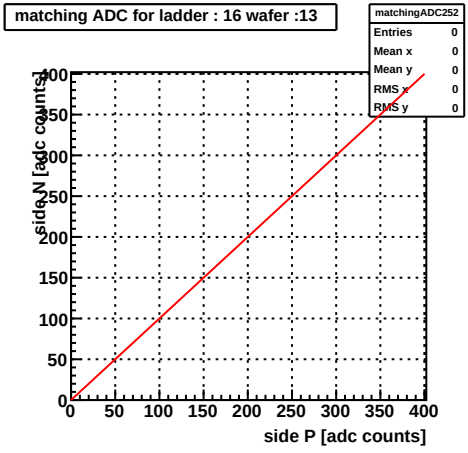

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 8731
Mean x 73.68
Mean y 64.12
RMS x 55.95
RMS y 51.51
side N [adc counts]
side P [adc counts]

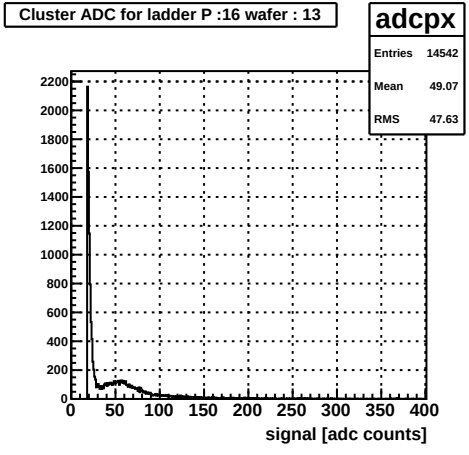

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 17264
Mean 54.31
RMS 46.72
signal [adc counts]

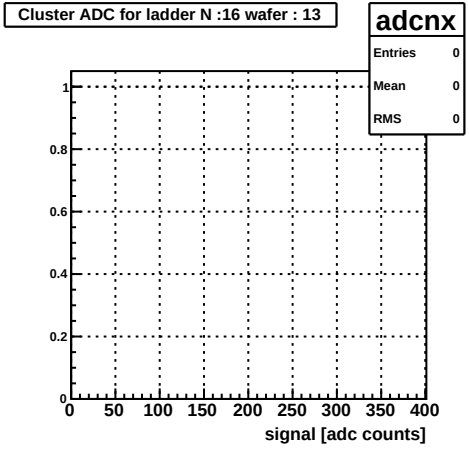

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 20129
Mean 59.51
RMS 51.97
signal [adc counts]

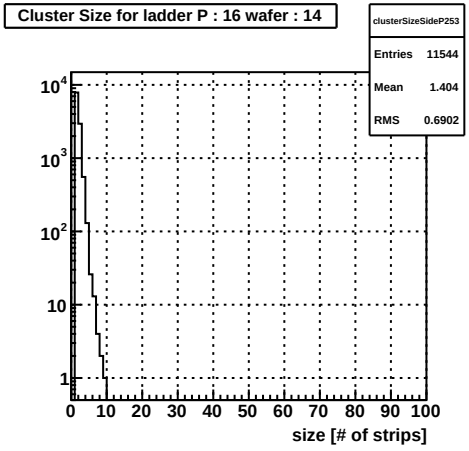

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 14542
Mean 1.197
RMS 0.4949
size [# of strips]

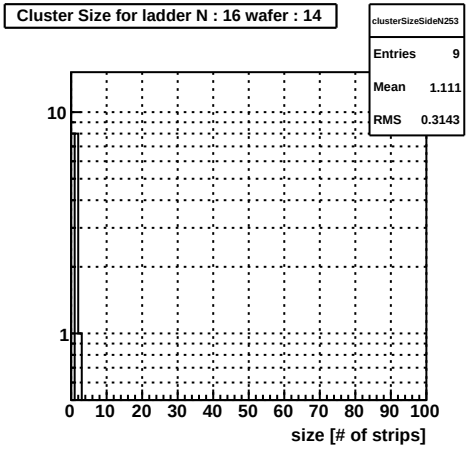

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

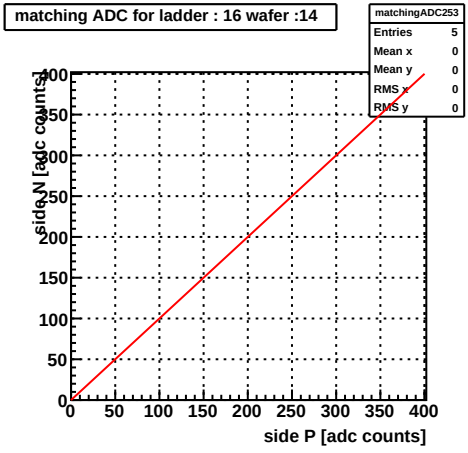

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

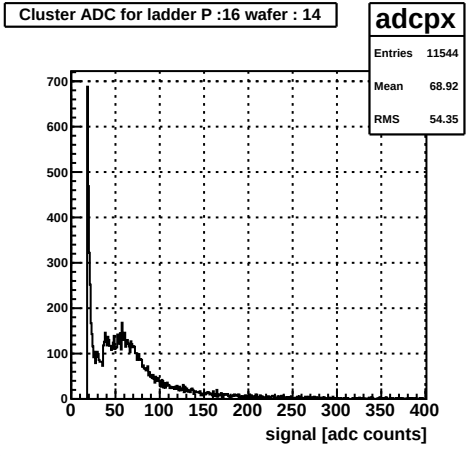

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 14542
Mean 49.07
RMS 47.63
signal [adc counts]

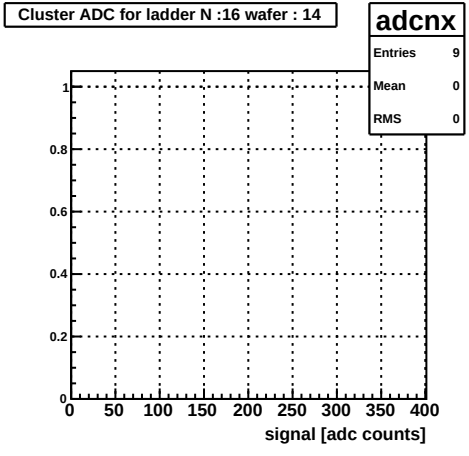

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

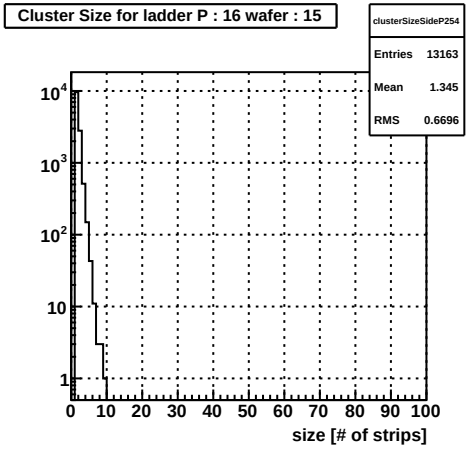

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 11544
Mean 1.404
RMS 0.6902
size [# of strips]

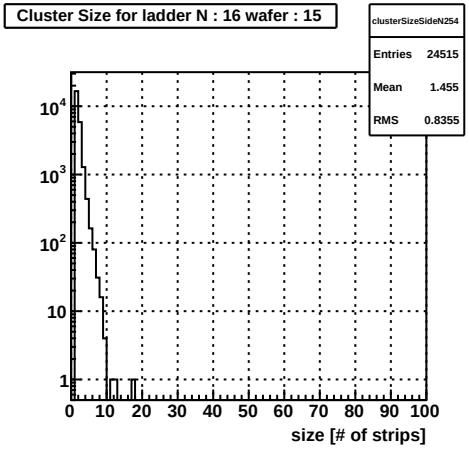

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

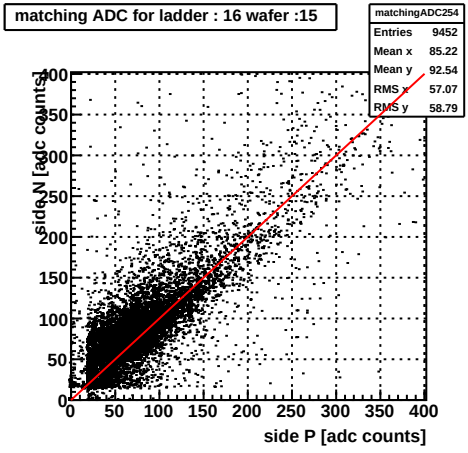

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

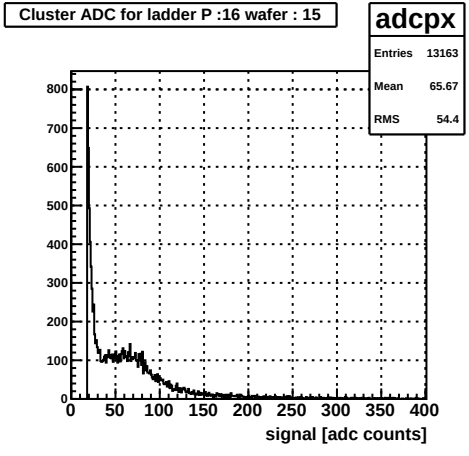

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 11544
Mean 68.92
RMS 54.35
signal [adc counts]

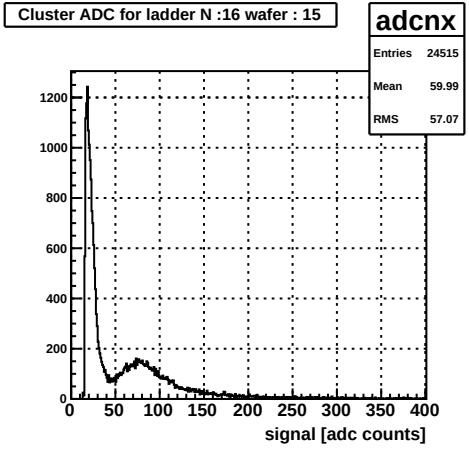

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 9
Mean 0
RMS 0
signal [adc counts]

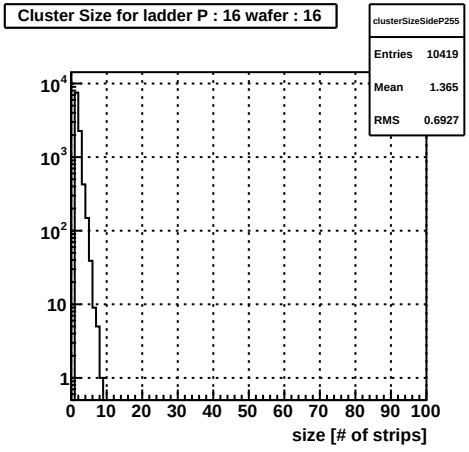

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 13163
Mean 1.345
RMS 0.6696
size [# of strips]

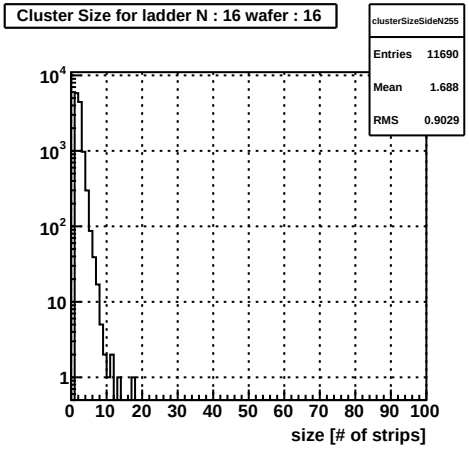

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 24515
Mean 1.455
RMS 0.8355
size [# of strips]

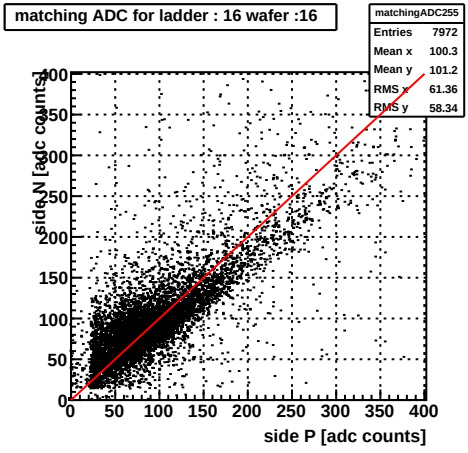

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 9452
Mean x 85.22
Mean y 92.54
RMS x 57.07
RMS y 58.79
side N [adc counts]
side P [adc counts]

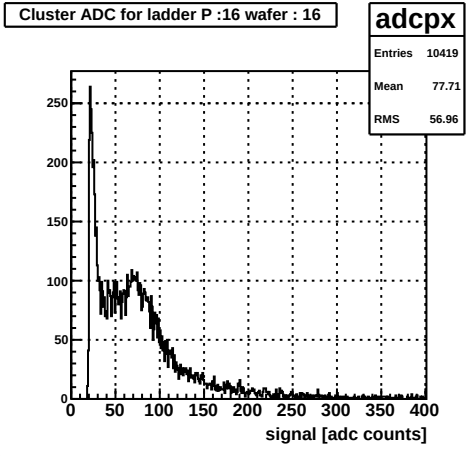

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 13163
Mean 65.67
RMS 54.4
signal [adc counts]

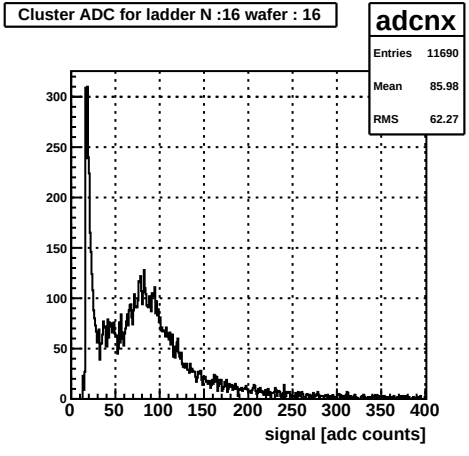

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 24515
Mean 59.99
RMS 57.07
signal [adc counts]

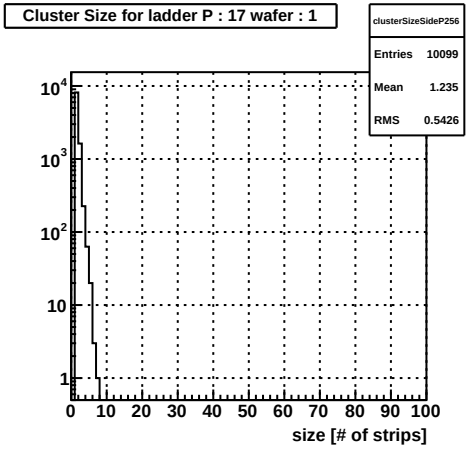

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10419
Mean 1.365
RMS 0.6927
size [# of strips]

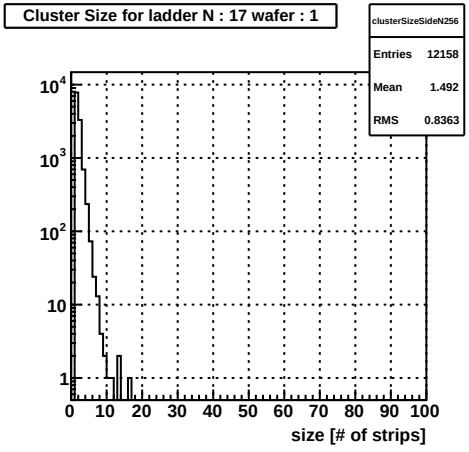

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 11690
Mean 1.688
RMS 0.9029
size [# of strips]

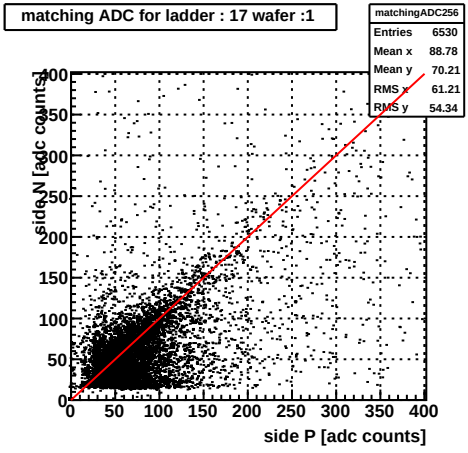

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 7972
Mean x 100.3
Mean y 101.2
RMS x 61.36
RMS y 58.34
side N [adc counts]
side P [adc counts]

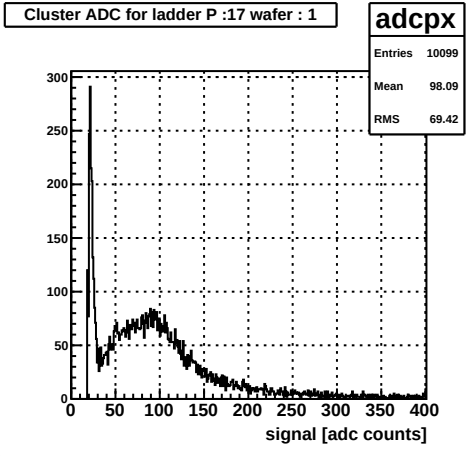

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10419
Mean 77.71
RMS 56.96
signal [adc counts]

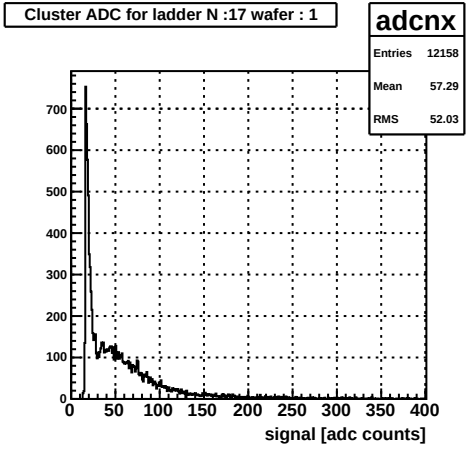

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 11690
Mean 85.98
RMS 62.27
signal [adc counts]

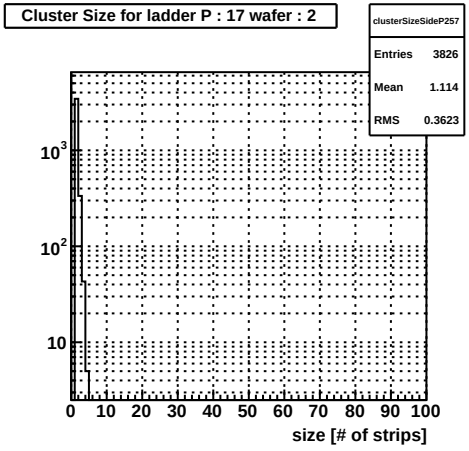

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 10099
Mean 1.235
RMS 0.5426
size [# of strips]

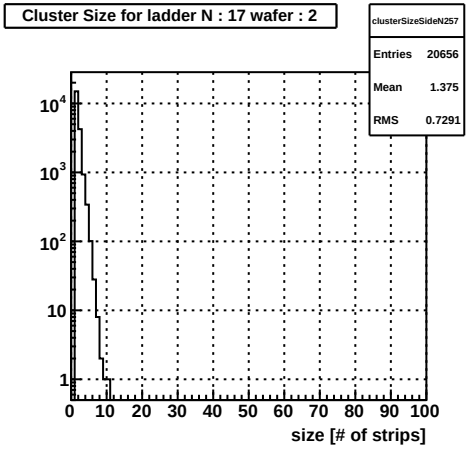

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12158
Mean 1.492
RMS 0.8363
size [# of strips]

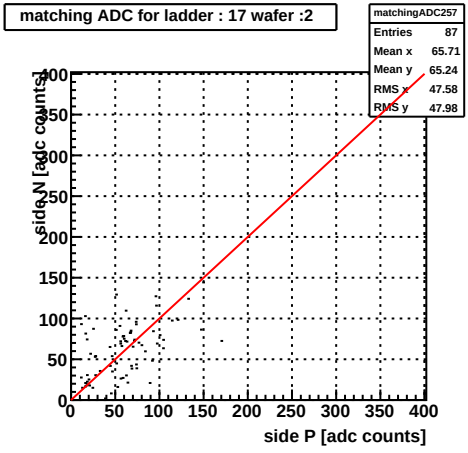

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 6530
Mean x 88.78
Mean y 70.21
RMS x 61.21
RMS y 54.34
side N [adc counts]
side P [adc counts]

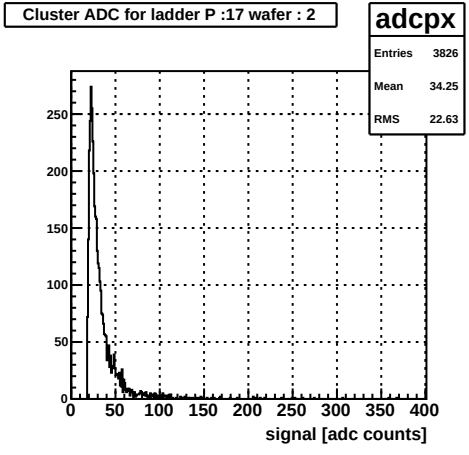

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 10099
Mean 98.09
RMS 69.42
signal [adc counts]

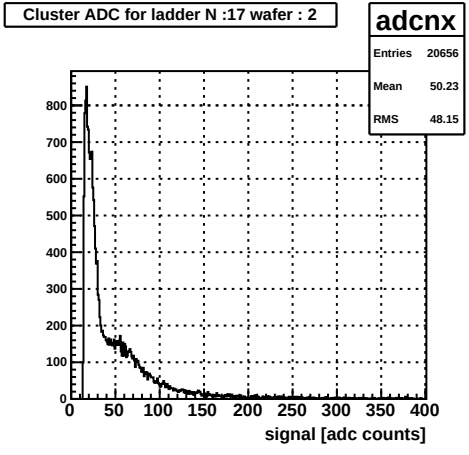

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12158
Mean 57.29
RMS 52.03
signal [adc counts]

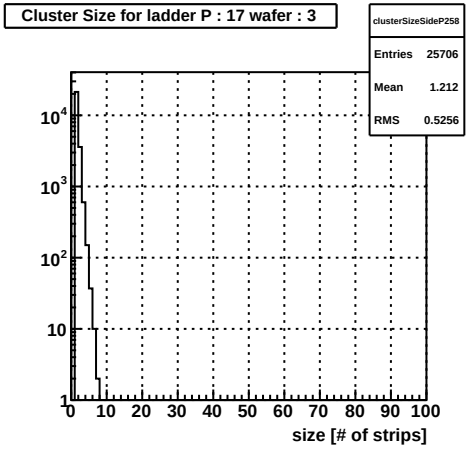

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 3826
Mean 1.114
RMS 0.3623
size [# of strips]

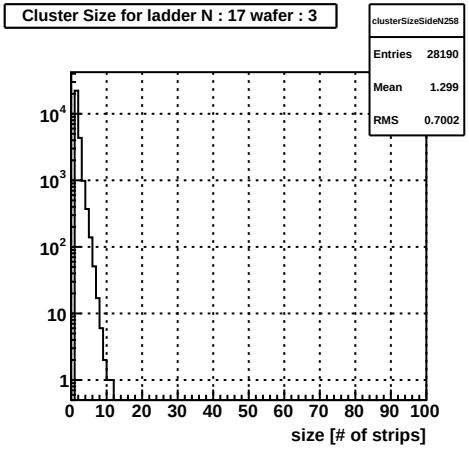

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 20656
Mean 1.375
RMS 0.7291
size [# of strips]

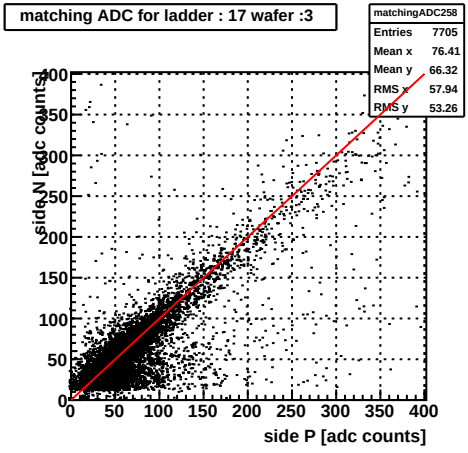

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 87
Mean x 65.71
Mean y 65.24
RMS x 47.58
RMS y 47.98
side N [adc counts]
side P [adc counts]

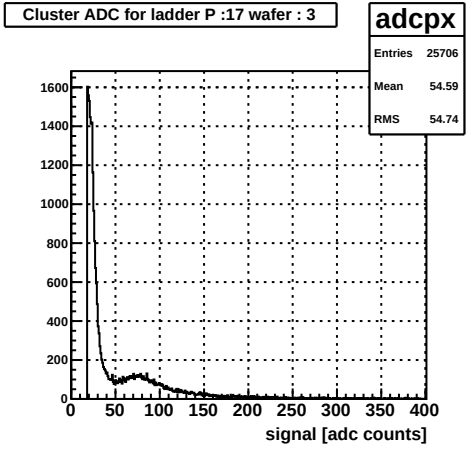

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 3826
Mean 34.25
RMS 22.63
signal [adc counts]

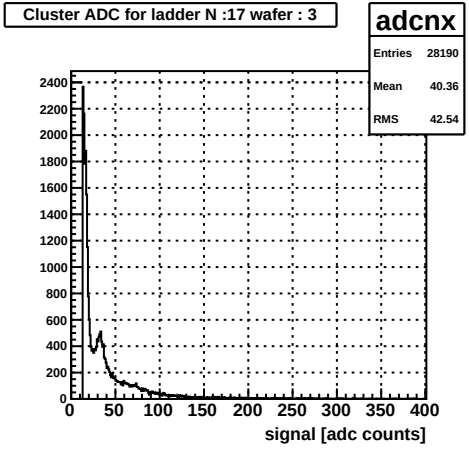

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 20656
Mean 50.23
RMS 48.15
signal [adc counts]

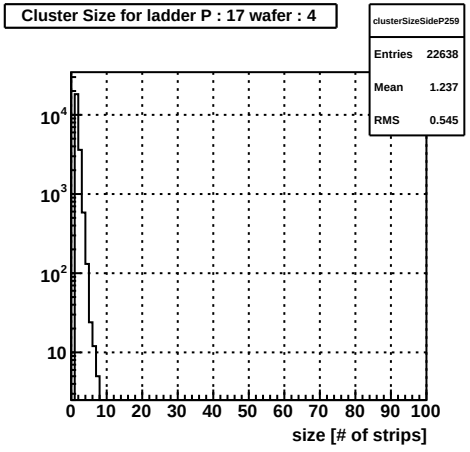

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 25706
Mean 1.212
RMS 0.5256
size [# of strips]

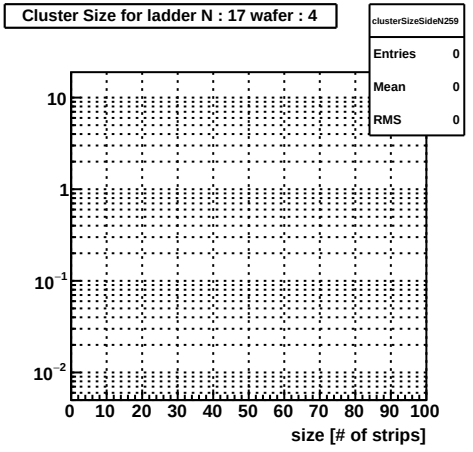

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 28190
Mean 1.299
RMS 0.7002
size [# of strips]

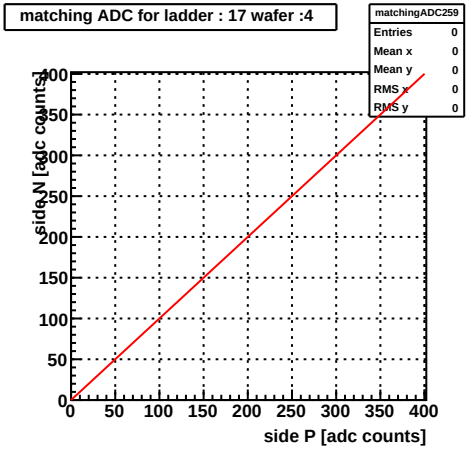

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 7705
Mean x 76.41
Mean y 66.32
RMS x 57.94
RMS y 53.26
side N [adc counts]
side P [adc counts]

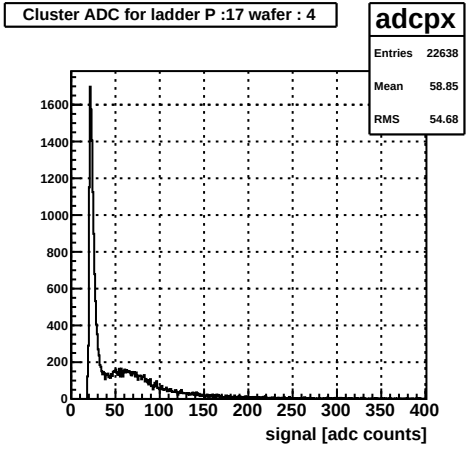

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 25706
Mean 54.59
RMS 54.74
signal [adc counts]

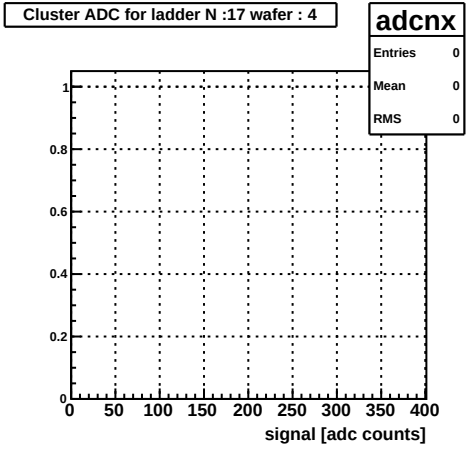

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 28190
Mean 40.36
RMS 42.54
signal [adc counts]

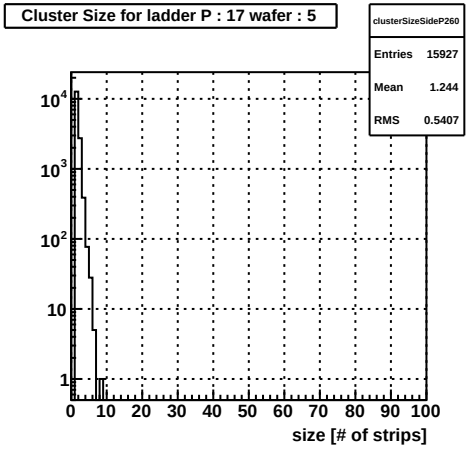

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 22638
Mean 1.237
RMS 0.545
size [# of strips]

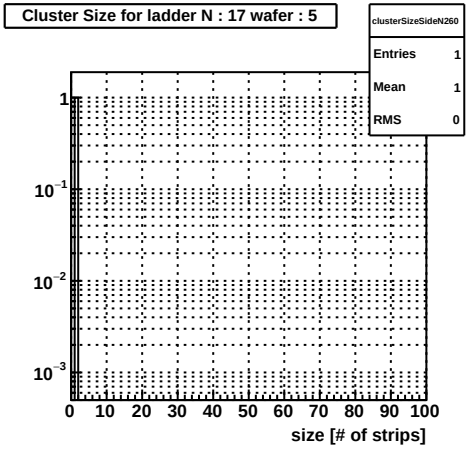

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

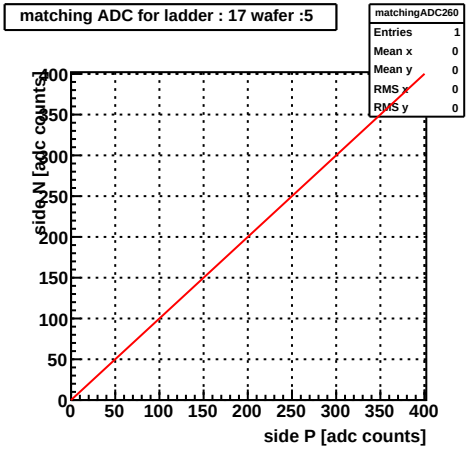

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

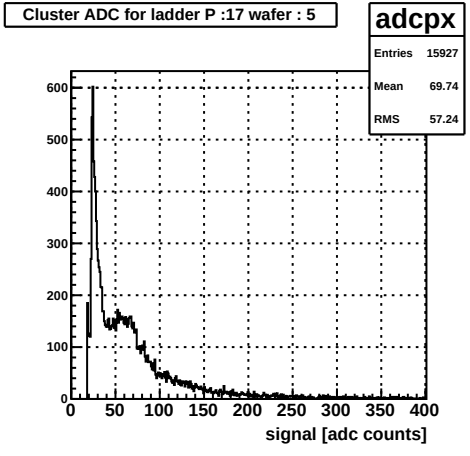

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 22638
Mean 58.85
RMS 54.68
signal [adc counts]

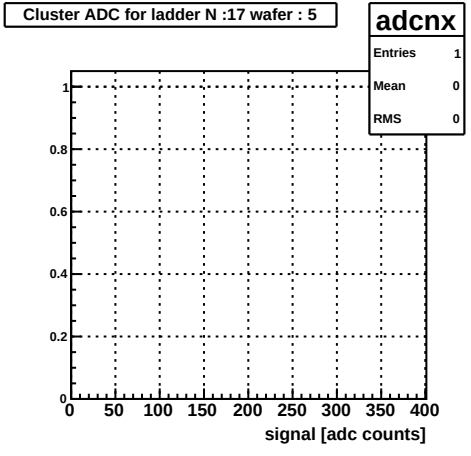

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

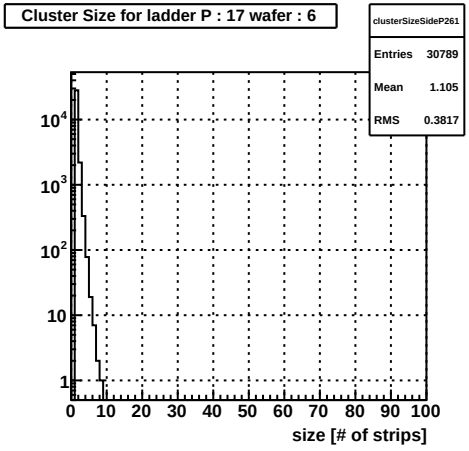

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 15927
Mean 1.244
RMS 0.5407
size [# of strips]

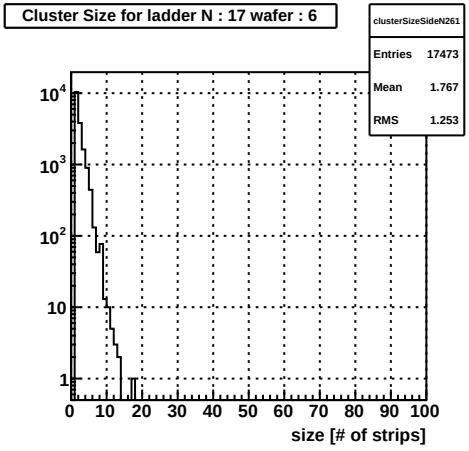

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

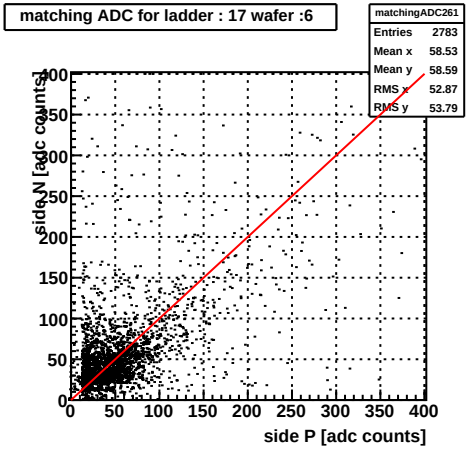

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

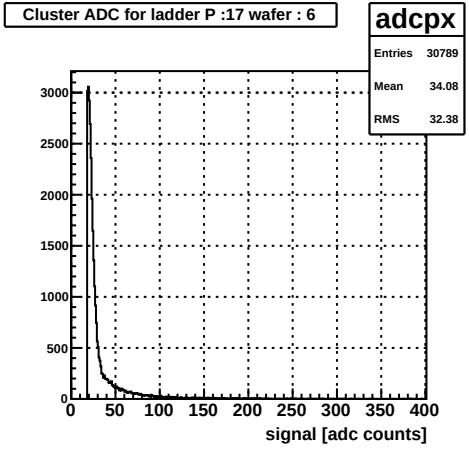

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 15927
Mean 69.74
RMS 57.24
signal [adc counts]

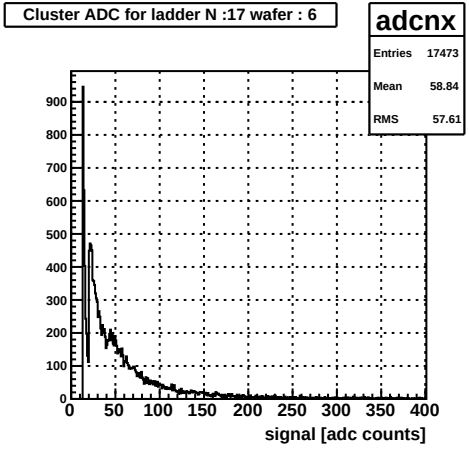

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

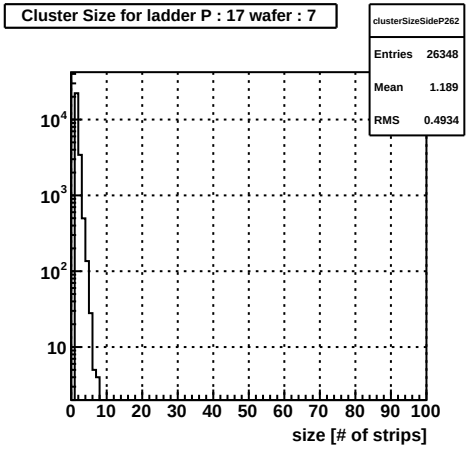

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 30789
Mean 1.105
RMS 0.3817
size [# of strips]

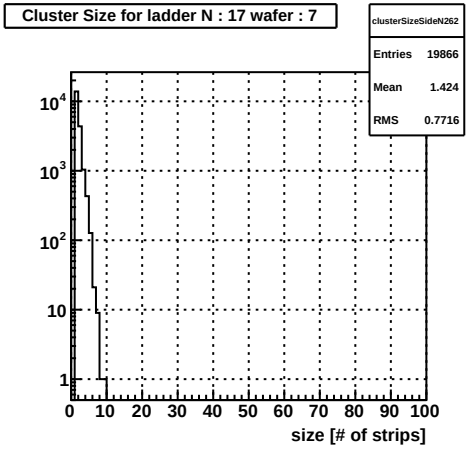

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 17473
Mean 1.767
RMS 1.253
size [# of strips]

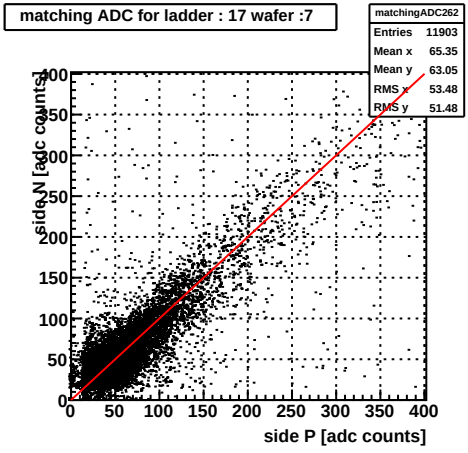

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2783
Mean x 58.53
Mean y 58.59
RMS x 52.87
RMS y 53.79
side N [adc counts]
side P [adc counts]

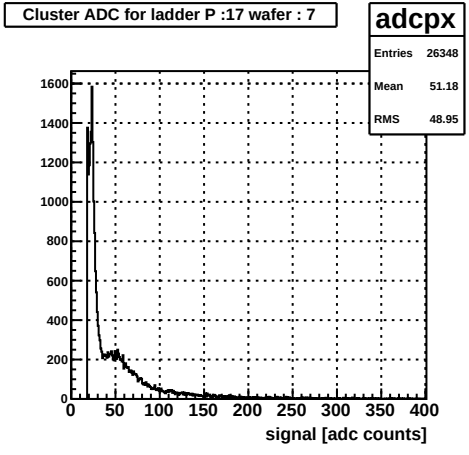

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 30789
Mean 34.08
RMS 32.38
signal [adc counts]

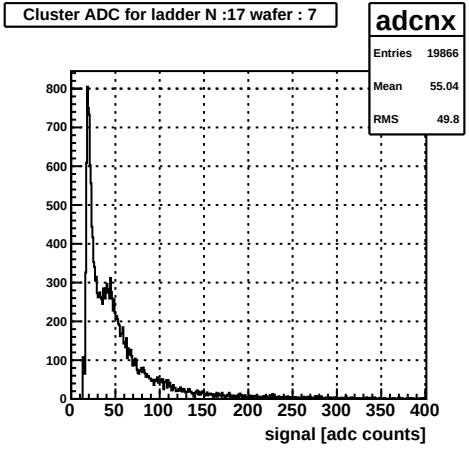

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 17473
Mean 58.84
RMS 57.61
signal [adc counts]

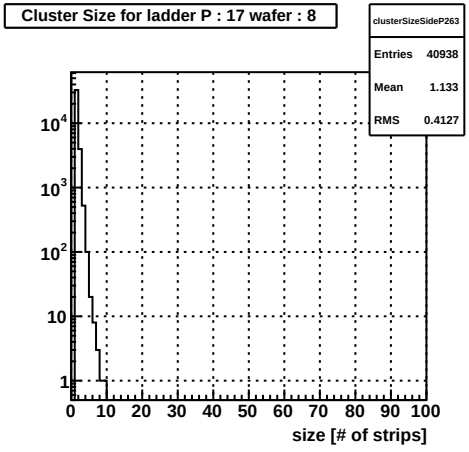

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 26348
Mean 1.189
RMS 0.4934
size [# of strips]

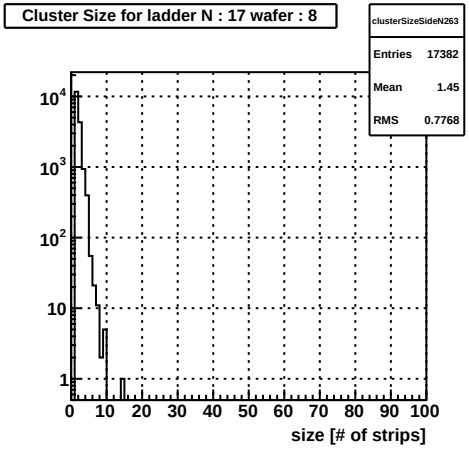

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 19866
Mean 1.424
RMS 0.7716
size [# of strips]

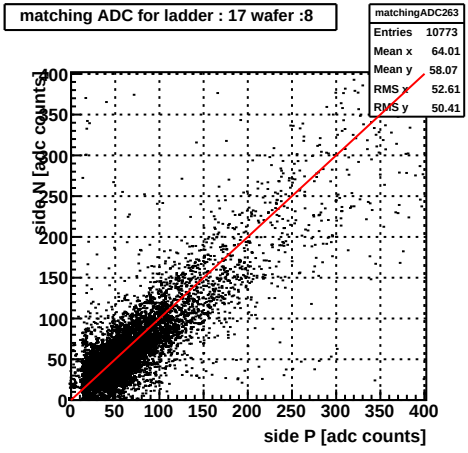

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 11903
Mean x 65.35
Mean y 63.05
RMS x 53.48
RMS y 51.48
side N [adc counts]
side P [adc counts]

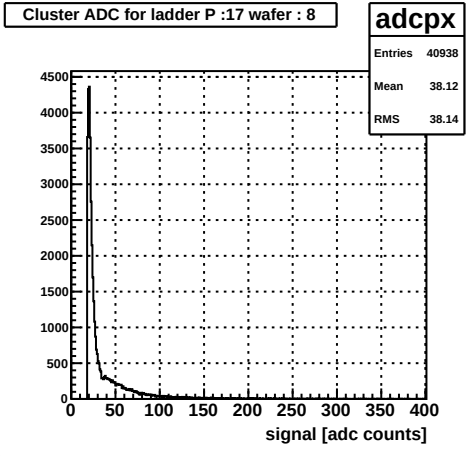

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 26348
Mean 51.18
RMS 48.95
signal [adc counts]

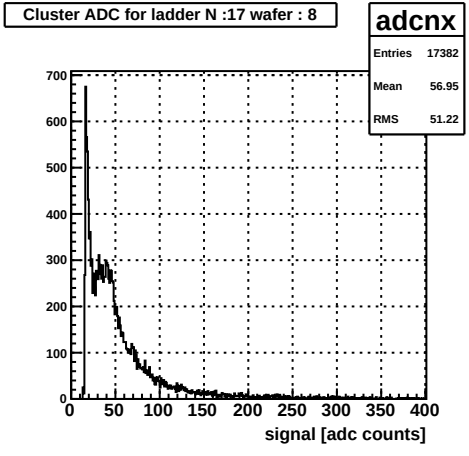

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 19866
Mean 55.04
RMS 49.8
signal [adc counts]

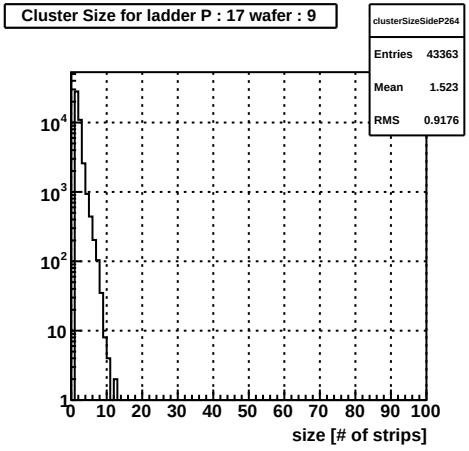

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 40938
Mean 1.133
RMS 0.4127
size [# of strips]

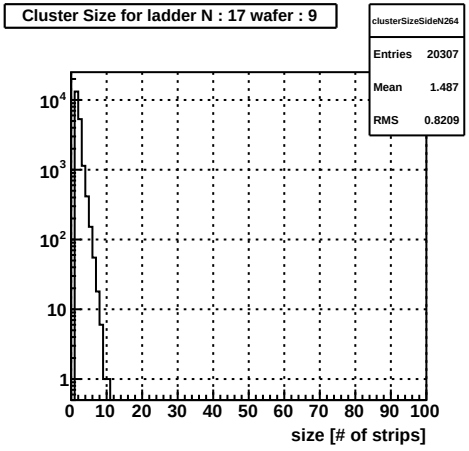

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 17382
Mean 1.45
RMS 0.7768
size [# of strips]

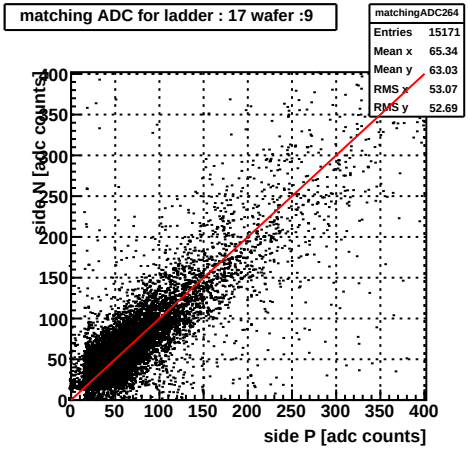

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 10773
Mean x 64.01
Mean y 58.07
RMS x 52.61
RMS y 50.41
side N [adc counts]
side P [adc counts]

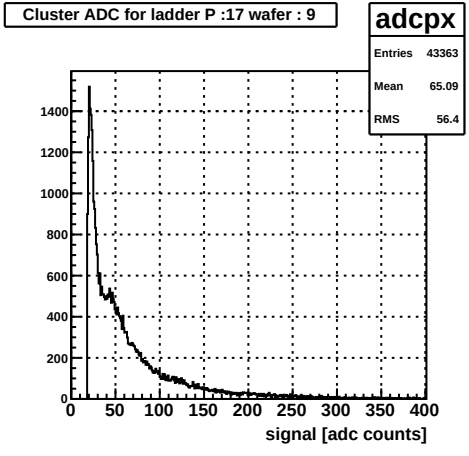

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 40938
Mean 38.12
RMS 38.14
signal [adc counts]

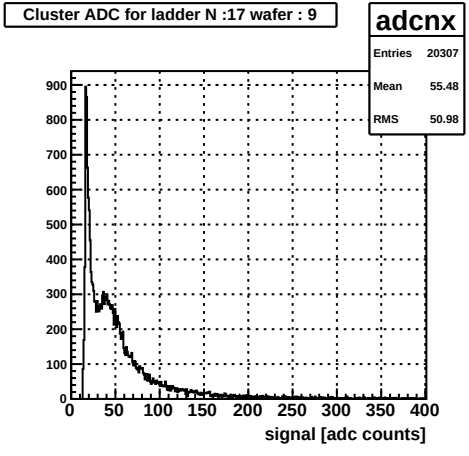

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 17382
Mean 56.95
RMS 51.22
signal [adc counts]

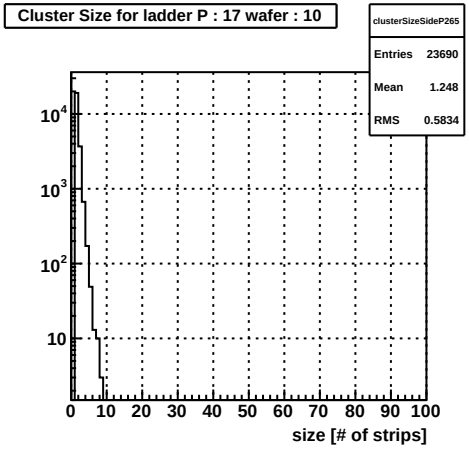

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 43363
Mean 1.523
RMS 0.9176
size [# of strips]

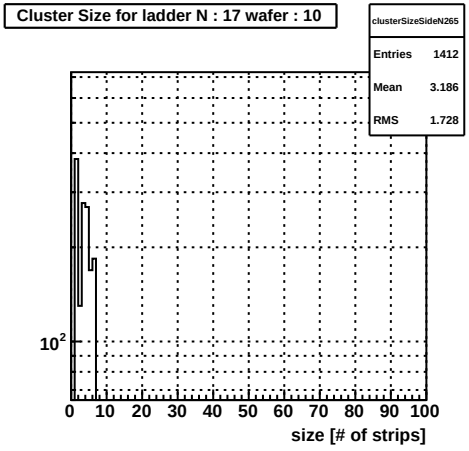

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 20307
Mean 1.487
RMS 0.8209
size [# of strips]

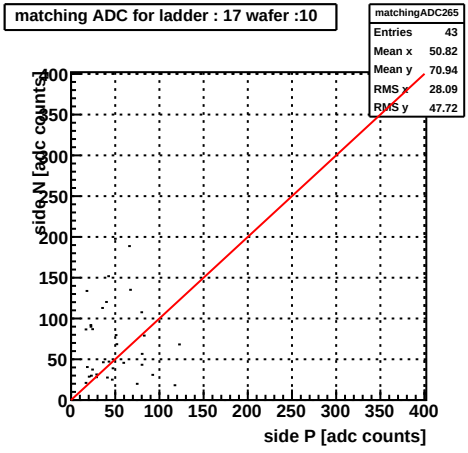

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 15171
Mean x 65.34
Mean y 63.03
RMS x 53.07
RMS y 52.69
side N [adc counts]
side P [adc counts]

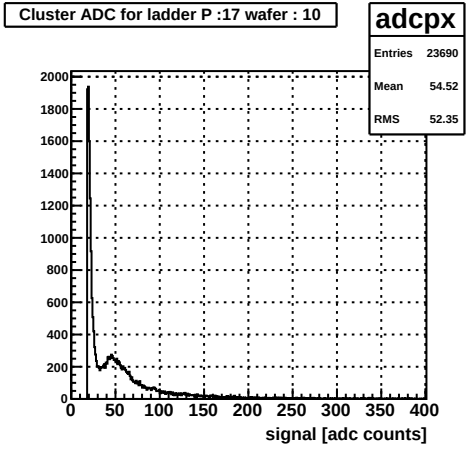

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 43363
Mean 65.09
RMS 56.4
signal [adc counts]

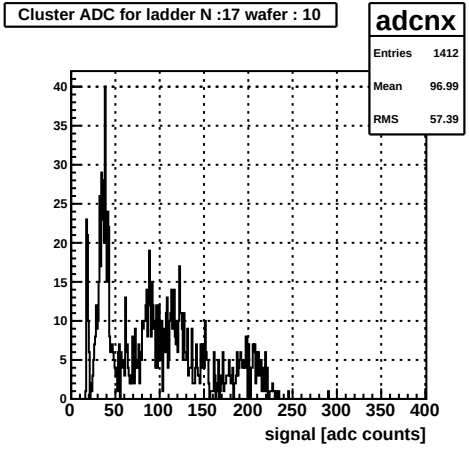

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 20307
Mean 55.48
RMS 50.98
signal [adc counts]

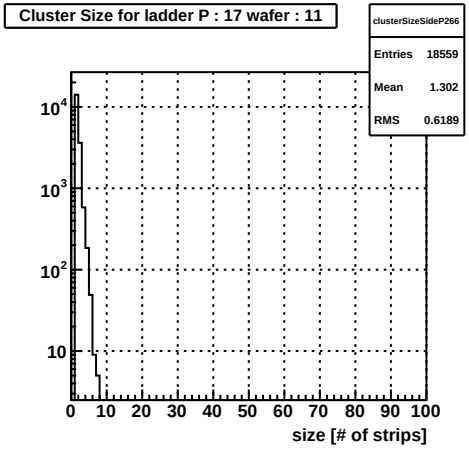

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 23690
Mean 1.248
RMS 0.5834
size [# of strips]

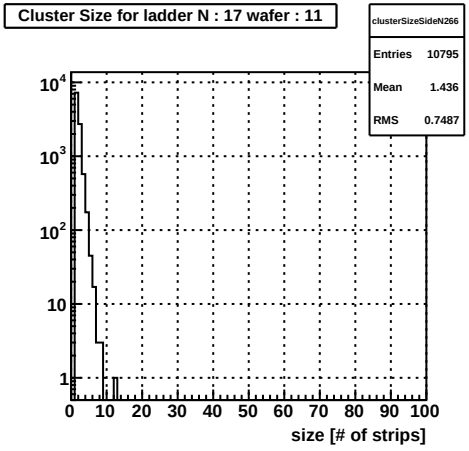

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1412
Mean 3.186
RMS 1.728
size [# of strips]

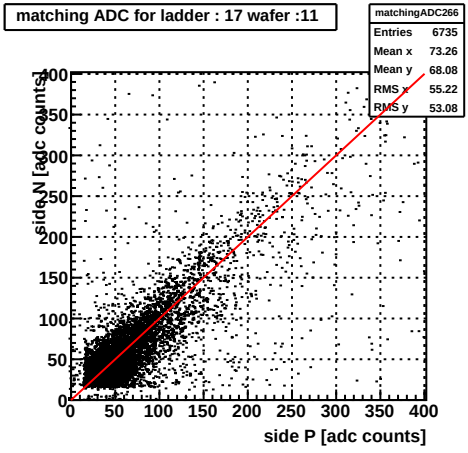

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 43
Mean x 50.82
Mean y 70.94
RMS x 28.09
RMS y 47.72
side N [adc counts]
side P [adc counts]

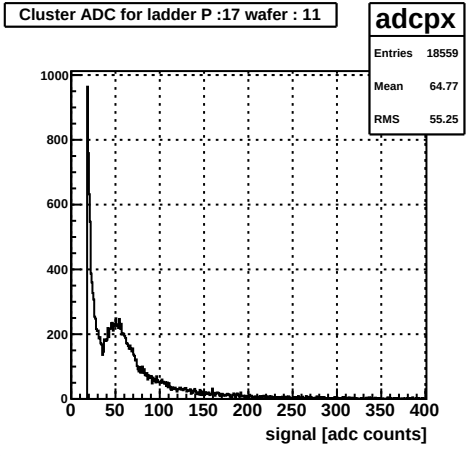

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 23690
Mean 54.52
RMS 52.35
signal [adc counts]

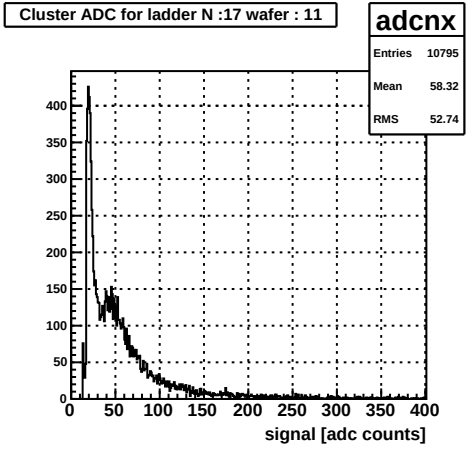

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1412
Mean 96.99
RMS 57.39
signal [adc counts]

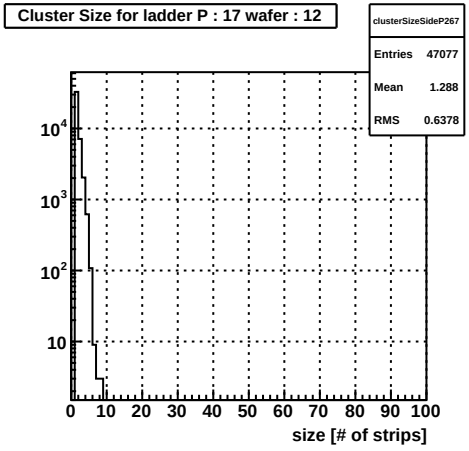

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 18559
Mean 1.302
RMS 0.6189
size [# of strips]

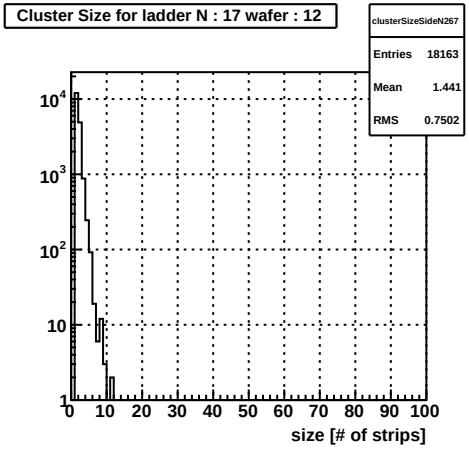

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 10795
Mean 1.436
RMS 0.7487
size [# of strips]

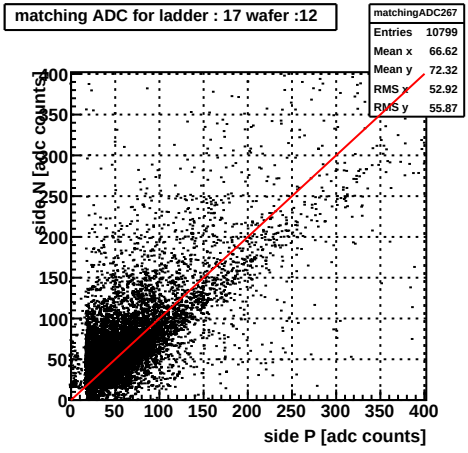

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 6735
Mean x 73.26
Mean y 68.08
RMS x 55.22
RMS y 53.08
side N [adc counts]
side P [adc counts]

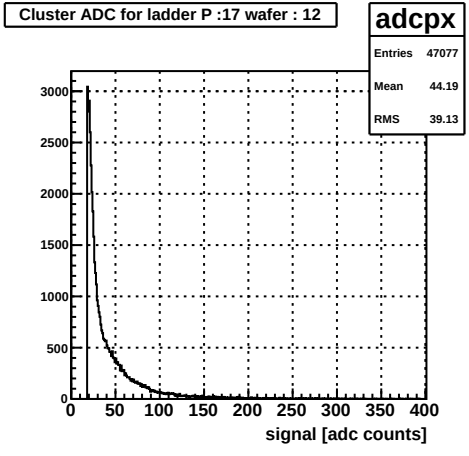

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 18559
Mean 64.77
RMS 55.25
signal [adc counts]

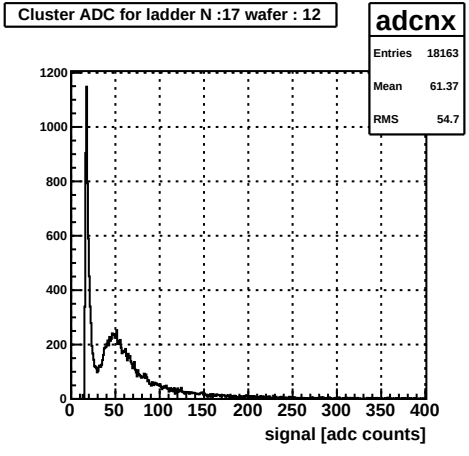

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 10795
Mean 58.32
RMS 52.74
signal [adc counts]

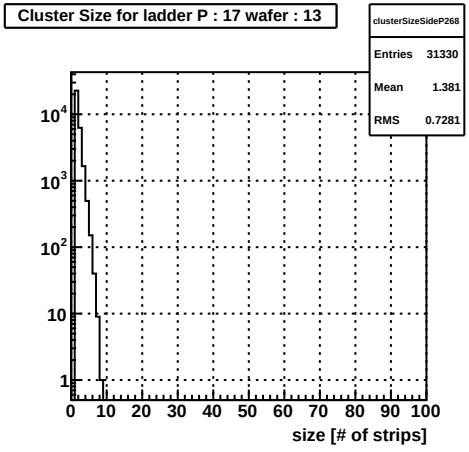

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 47077
Mean 1.288
RMS 0.6378
size [# of strips]

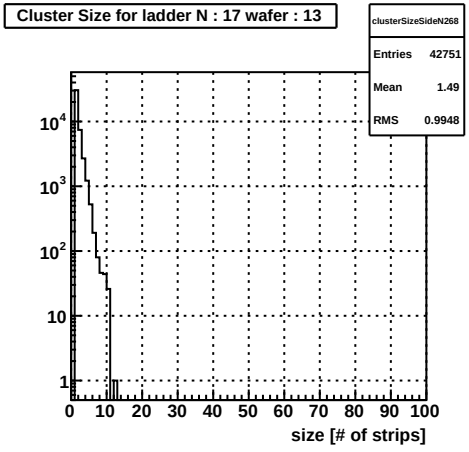

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 18163
Mean 1.441
RMS 0.7502
size [# of strips]

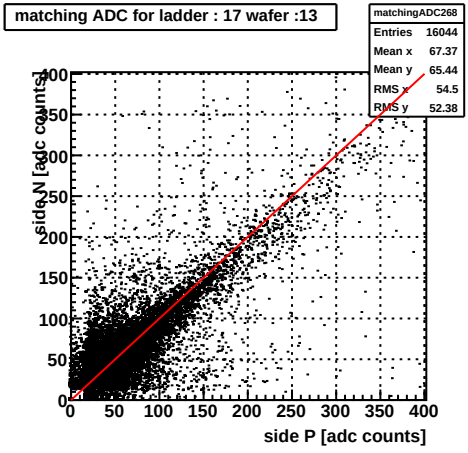

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 10799
Mean x 66.62
Mean y 72.32
RMS x 52.92
RMS y 55.87
side N [adc counts]
side P [adc counts]

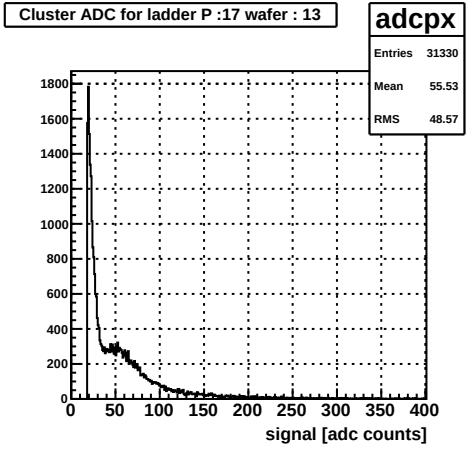

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 47077
Mean 44.19
RMS 39.13
signal [adc counts]

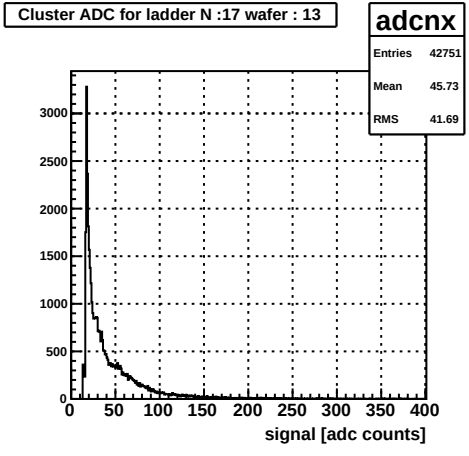

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 18163
Mean 61.37
RMS 54.7
signal [adc counts]

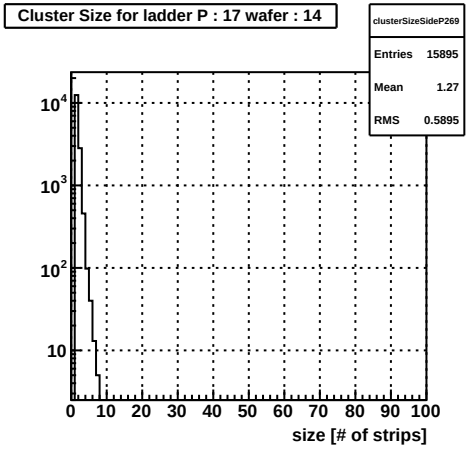

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 31330
Mean 1.381
RMS 0.7281
size [# of strips]

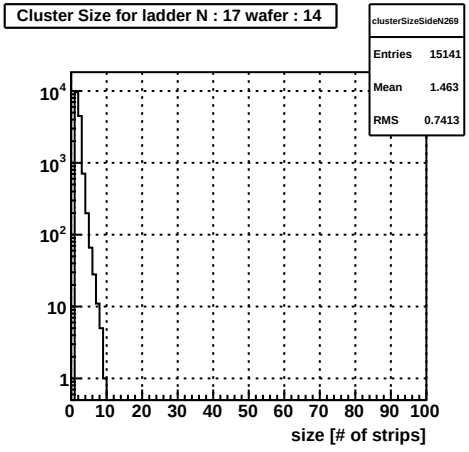

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 42751
Mean 1.49
RMS 0.9948
size [# of strips]

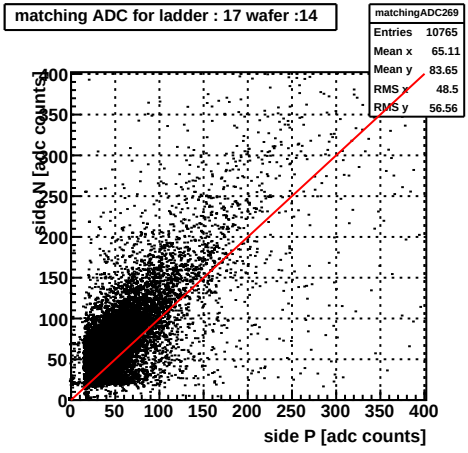

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 16044
Mean x 67.37
Mean y 65.44
RMS x 54.5
RMS y 52.38
side N [adc counts]
side P [adc counts]

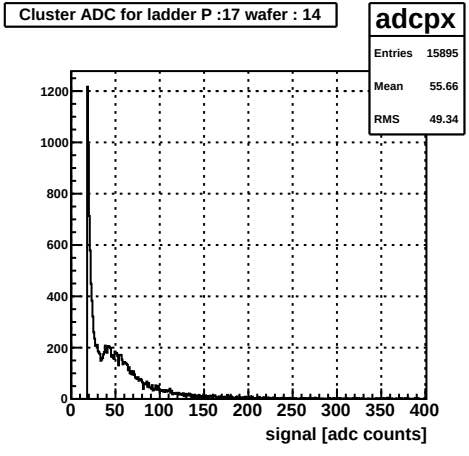

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 31330
Mean 55.53
RMS 48.57
signal [adc counts]

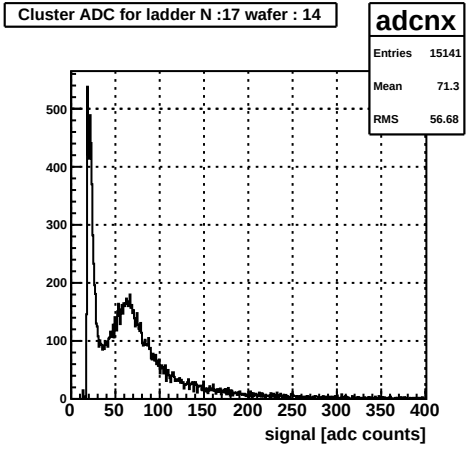

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 42751
Mean 45.73
RMS 41.69
signal [adc counts]

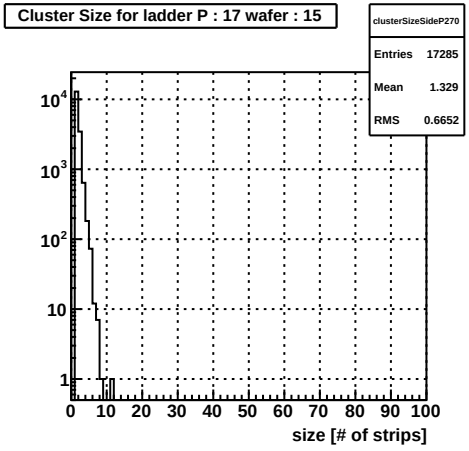

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 15895
Mean 1.27
RMS 0.5895
size [# of strips]

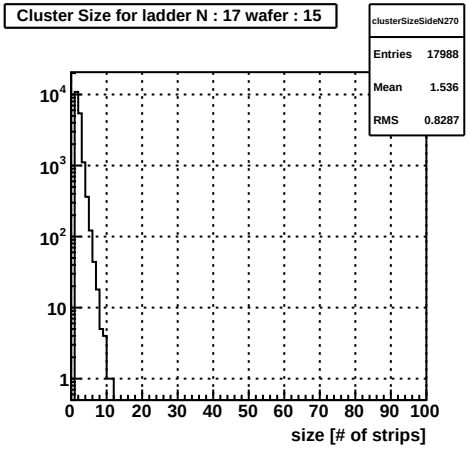

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 15141
Mean 1.463
RMS 0.7413
size [# of strips]

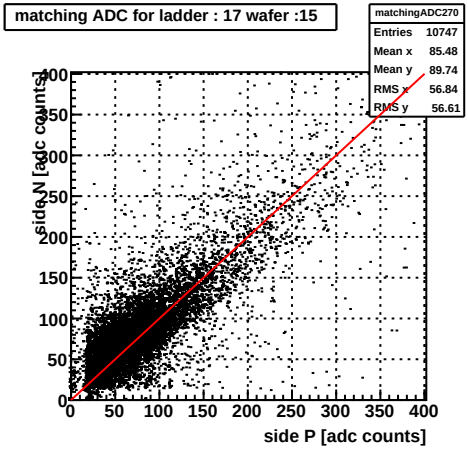

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 10765
Mean x 65.11
Mean y 83.65
RMS x 48.5
RMS y 56.56
side N [adc counts]
side P [adc counts]

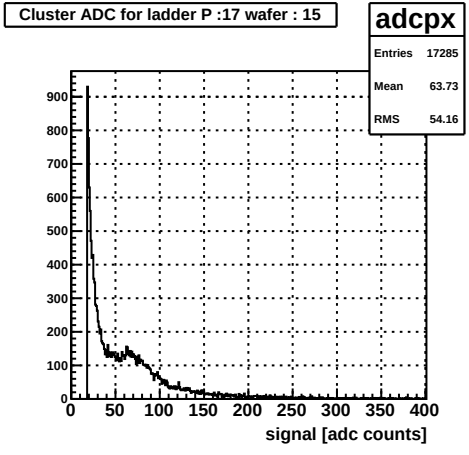

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 15895
Mean 55.66
RMS 49.34
signal [adc counts]

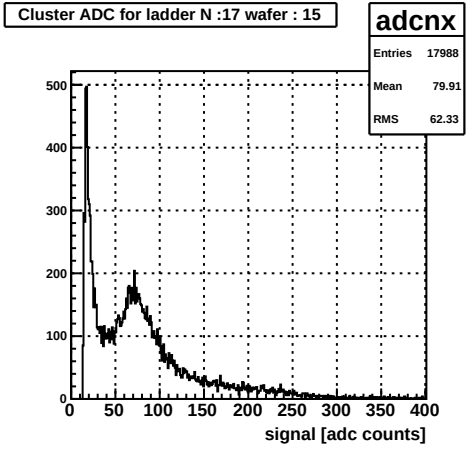

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 15141
Mean 71.3
RMS 56.68
signal [adc counts]

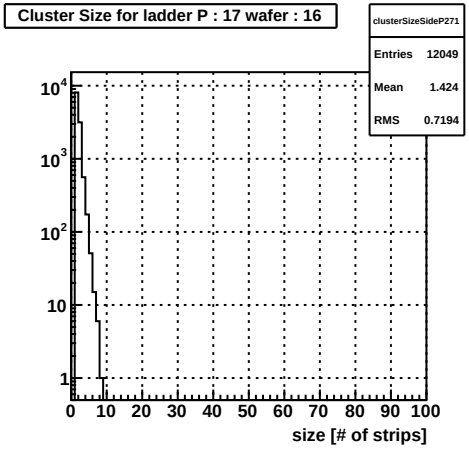

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 17285
Mean 1.329
RMS 0.6652
size [# of strips]

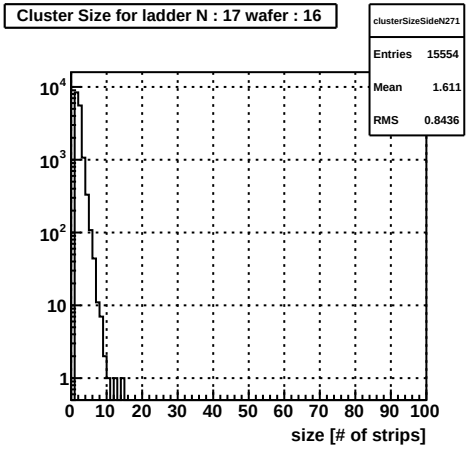

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 17988
Mean 1.536
RMS 0.8287
size [# of strips]

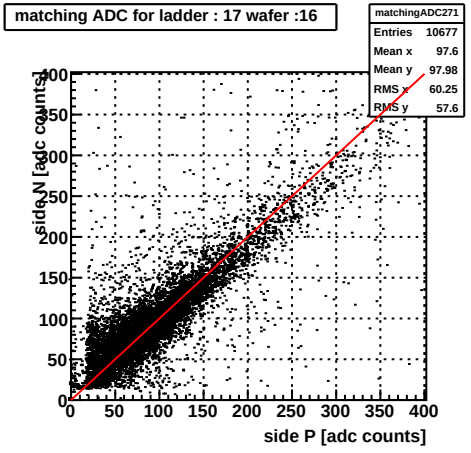

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 10747
Mean x 85.48
Mean y 89.74
RMS x 56.84
RMS y 56.61
side N [adc counts]
side P [adc counts]

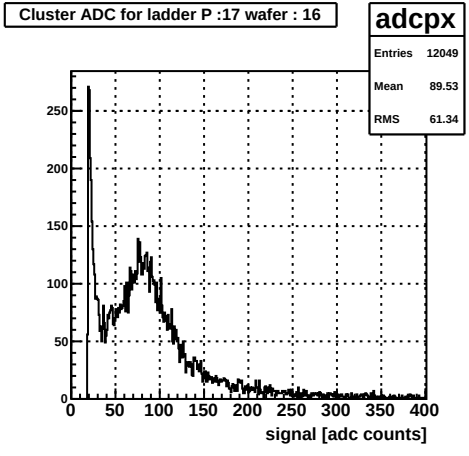

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 17285
Mean 63.73
RMS 54.16
signal [adc counts]

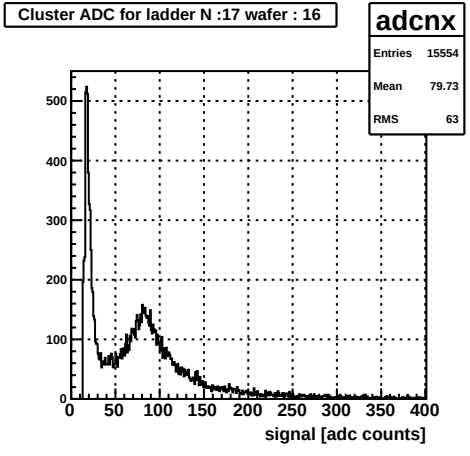

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 17988
Mean 79.91
RMS 62.33
signal [adc counts]

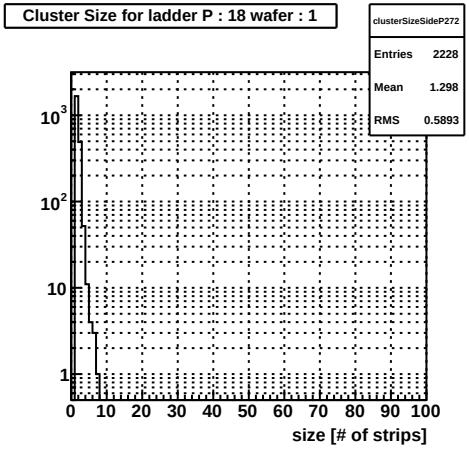

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 12049
Mean 1.424
RMS 0.7194
size [# of strips]

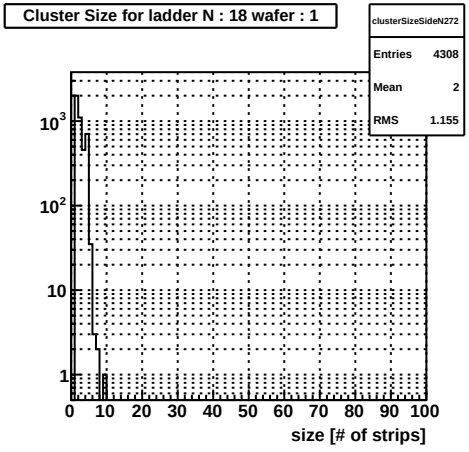

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 15554
Mean 1.611
RMS 0.8436
size [# of strips]

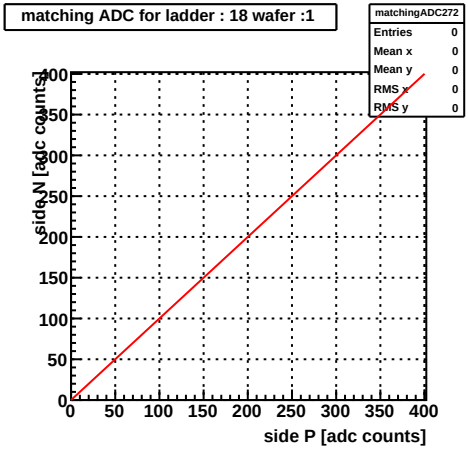

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 10677
Mean x 97.6
Mean y 97.98
RMS x 60.25
RMS y 57.6
side N [adc counts]
side P [adc counts]

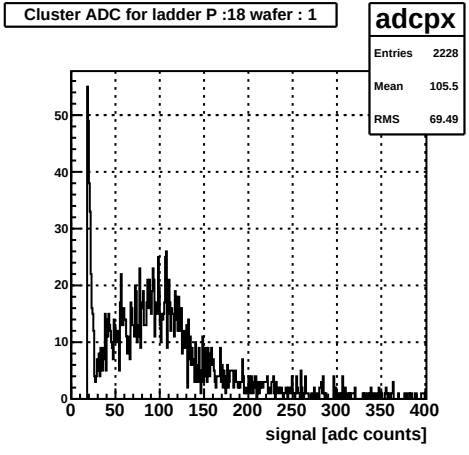

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 12049
Mean 89.53
RMS 61.34
signal [adc counts]

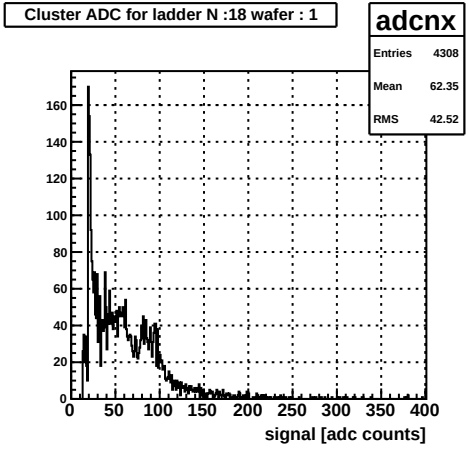

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 15554
Mean 79.73
RMS 63
signal [adc counts]

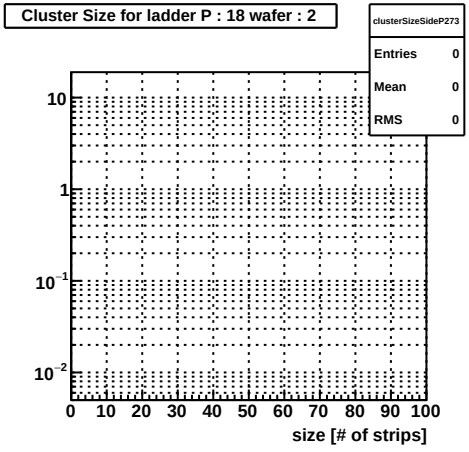

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2228
Mean 1.298
RMS 0.5893
size [# of strips]

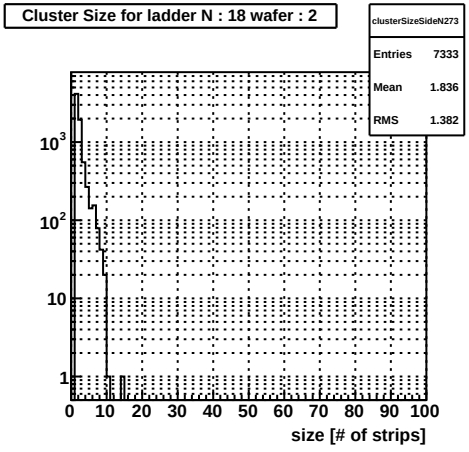

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 4308
Mean 2
RMS 1.155
size [# of strips]

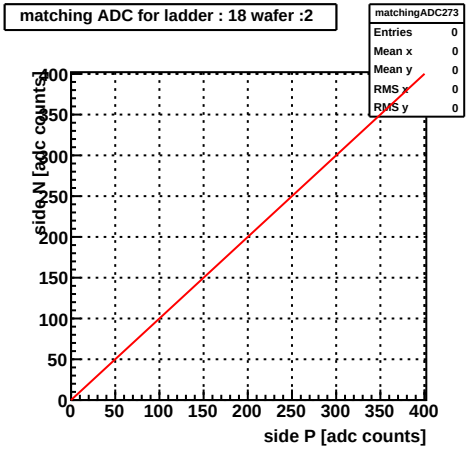

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

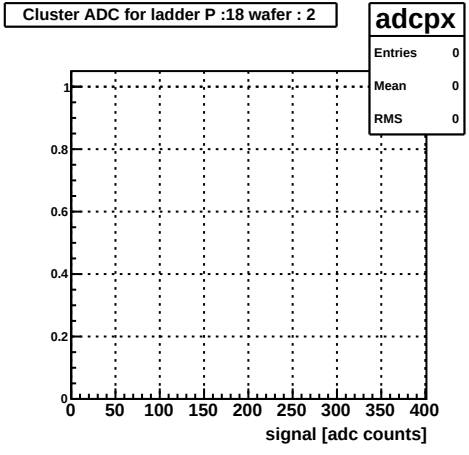

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2228
Mean 105.5
RMS 69.49
signal [adc counts]

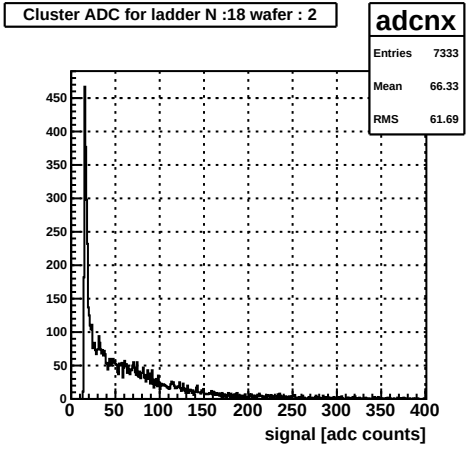

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 4308
Mean 62.35
RMS 42.52
signal [adc counts]

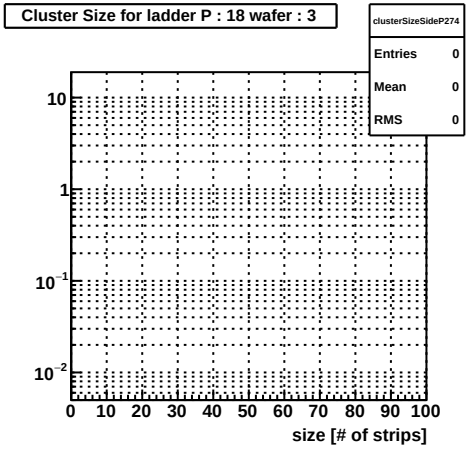

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

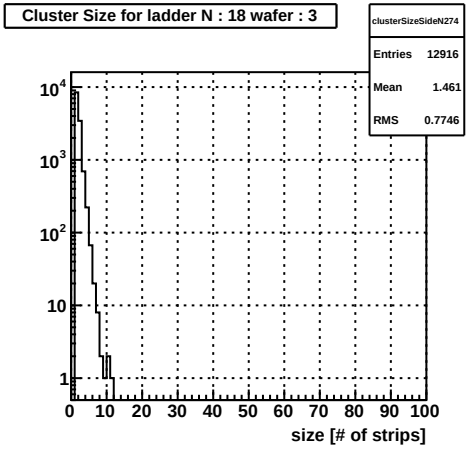

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7333
Mean 1.836
RMS 1.382
size [# of strips]

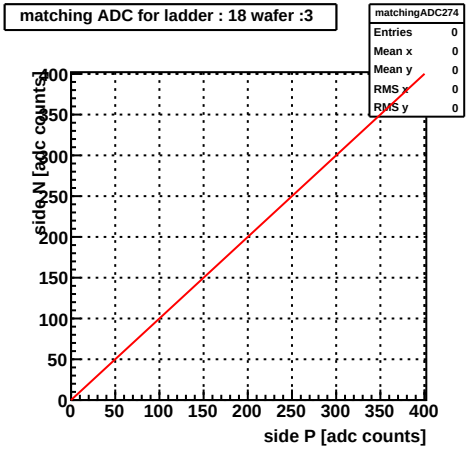

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

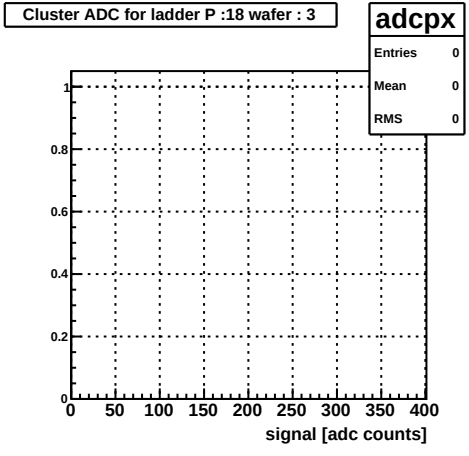

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

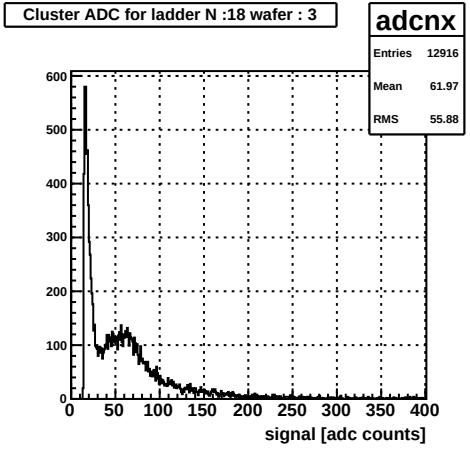

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7333
Mean 66.33
RMS 61.69
signal [adc counts]

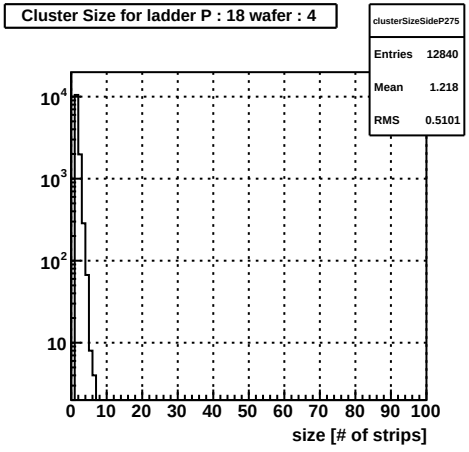

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

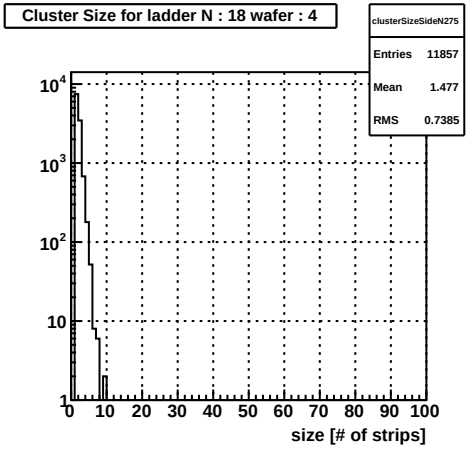

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 12916
Mean 1.461
RMS 0.7746
size [# of strips]

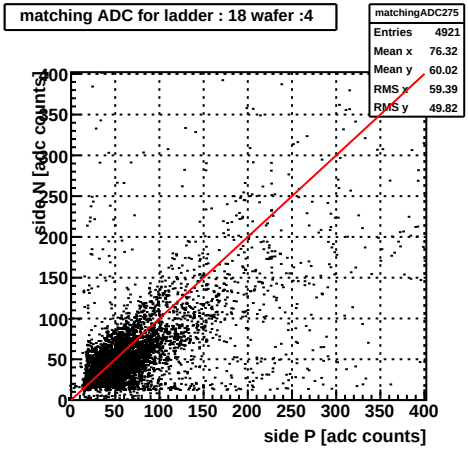

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

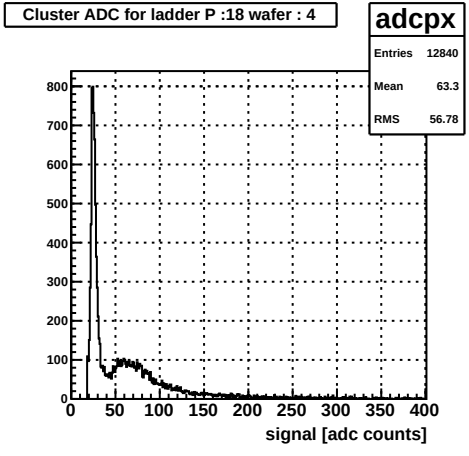

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

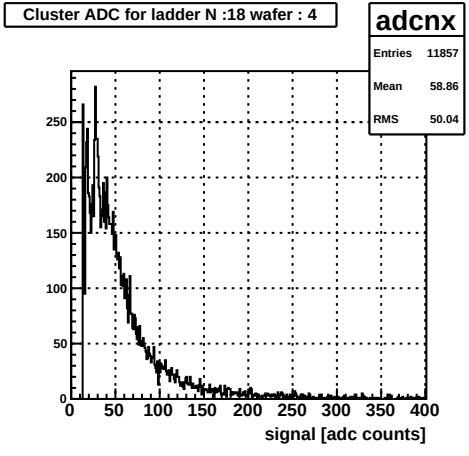

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 12916
Mean 61.97
RMS 55.88
signal [adc counts]

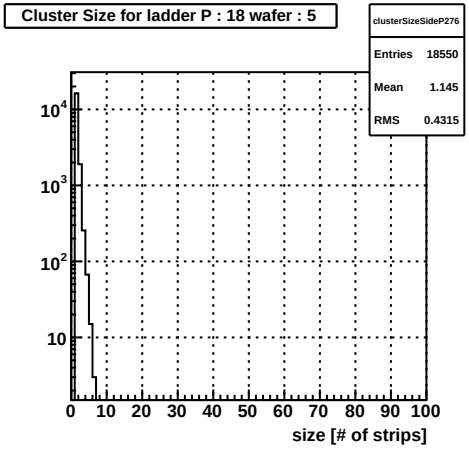

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 12840
Mean 1.218
RMS 0.5101
size [# of strips]

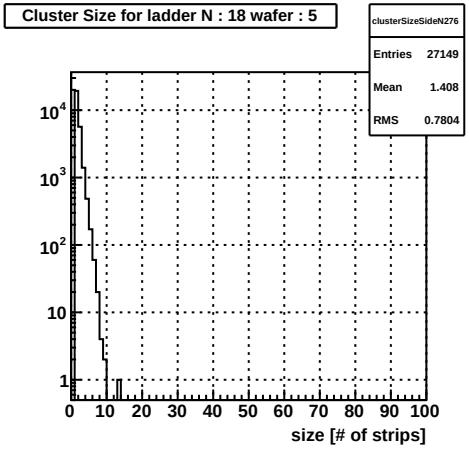

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 11857
Mean 1.477
RMS 0.7385
size [# of strips]

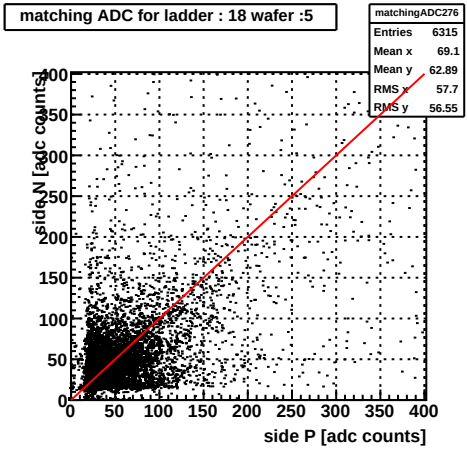

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4921
Mean x 76.32
Mean y 60.02
RMS x 59.39
RMS y 49.82
side N [adc counts]
side P [adc counts]

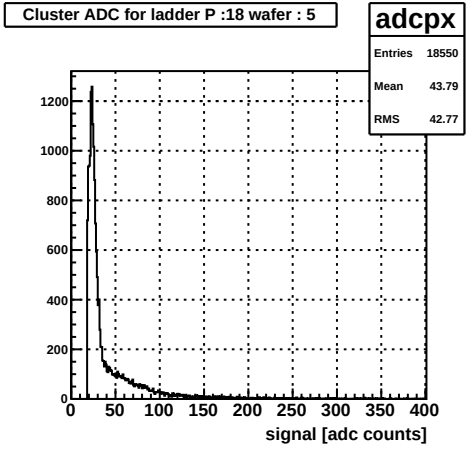

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 12840
Mean 63.3
RMS 56.78
signal [adc counts]

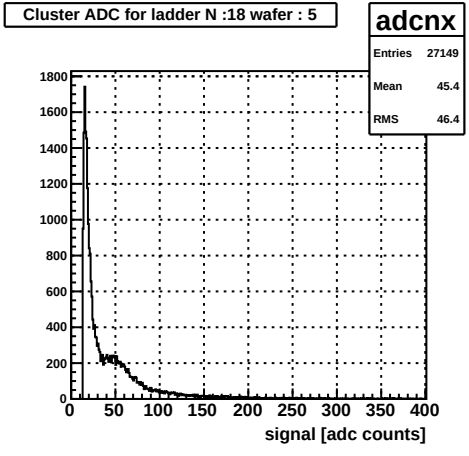

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 11857
Mean 58.86
RMS 50.04
signal [adc counts]

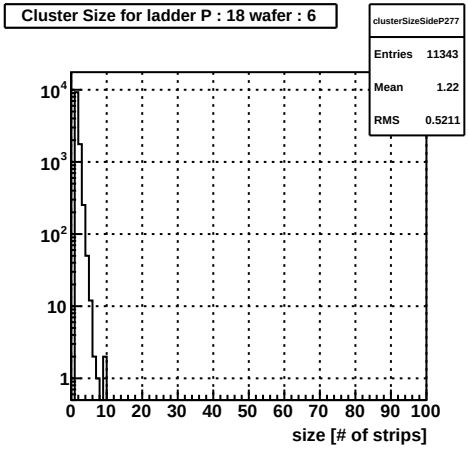

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 18550
Mean 1.145
RMS 0.4315
size [# of strips]

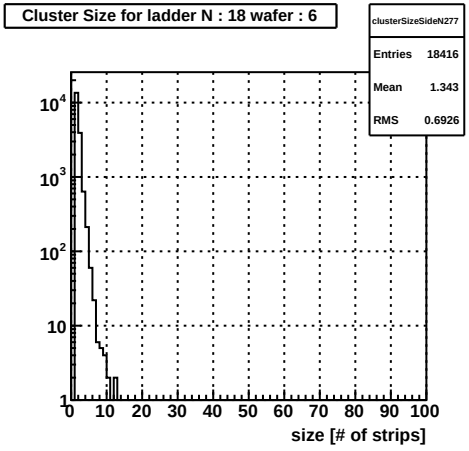

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 27149
Mean 1.408
RMS 0.7804
size [# of strips]

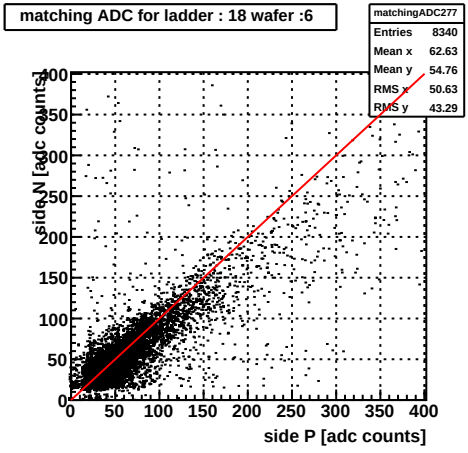

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6315
Mean x 69.1
Mean y 62.89
RMS x 57.7
RMS y 56.55
side N [adc counts]
side P [adc counts]

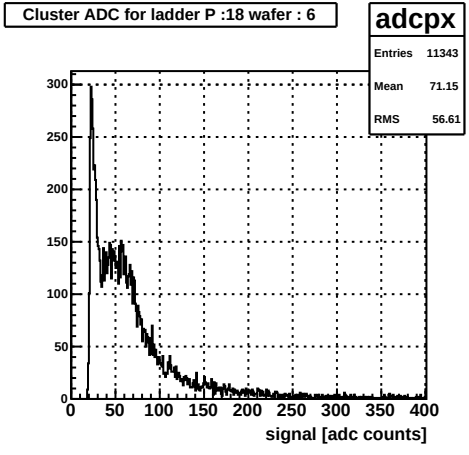

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 18550
Mean 43.79
RMS 42.77
signal [adc counts]

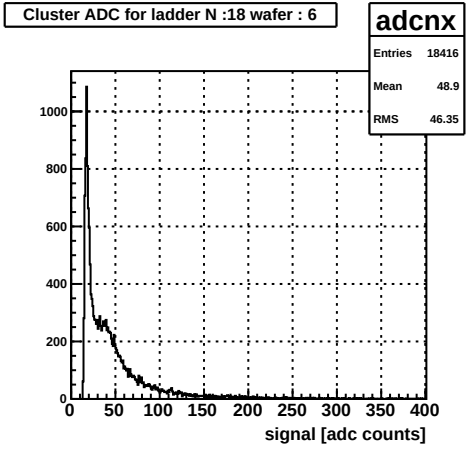

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 27149
Mean 45.4
RMS 46.4
signal [adc counts]

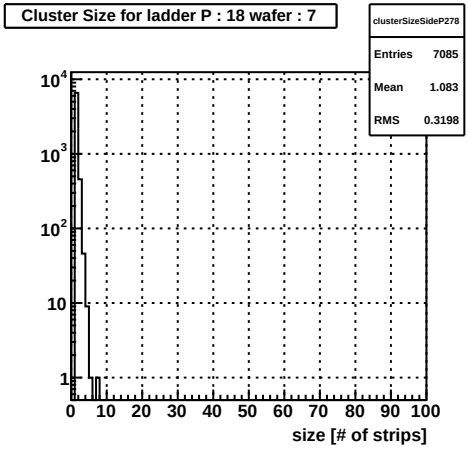

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 11343
Mean 1.22
RMS 0.5211
size [# of strips]

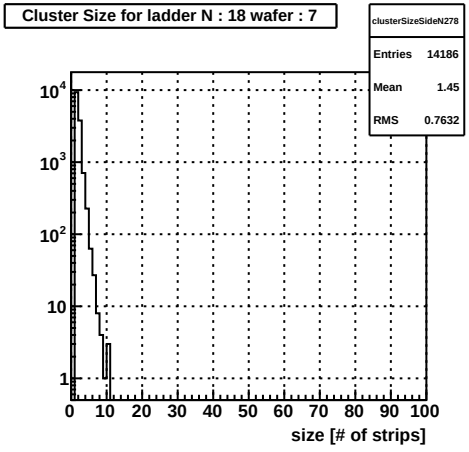

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18416
Mean 1.343
RMS 0.6926
size [# of strips]

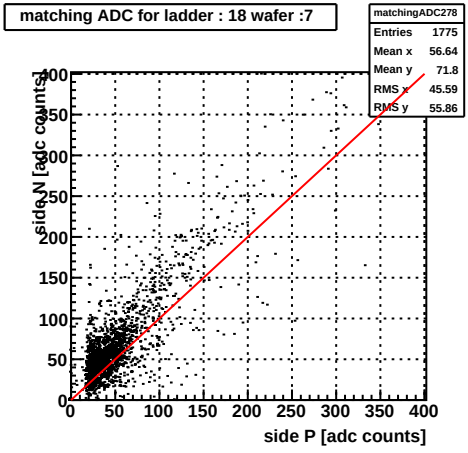

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8340
Mean x 62.63
Mean y 54.76
RMS x 50.63
RMS y 43.29
side N [adc counts]
side P [adc counts]

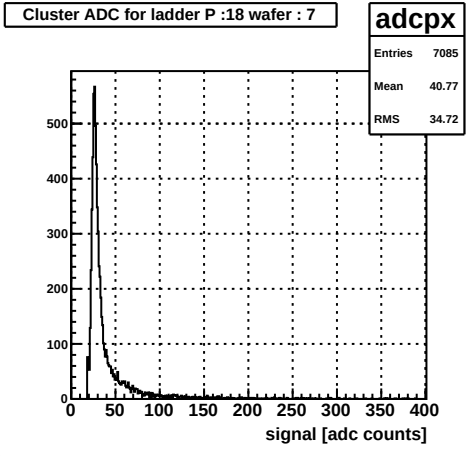

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 11343
Mean 71.15
RMS 56.61
signal [adc counts]

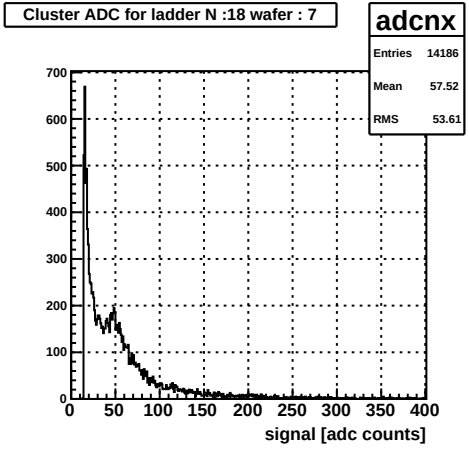

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18416
Mean 48.9
RMS 46.35
signal [adc counts]

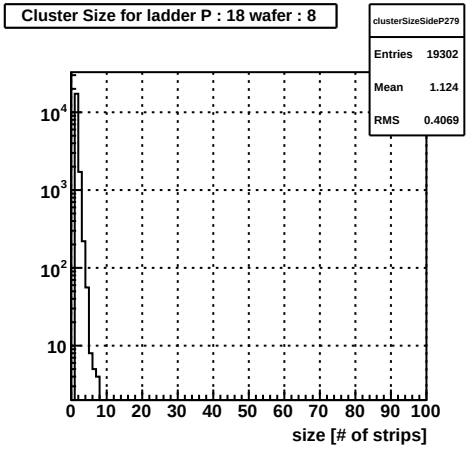

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7085
Mean 1.083
RMS 0.3198
size [# of strips]

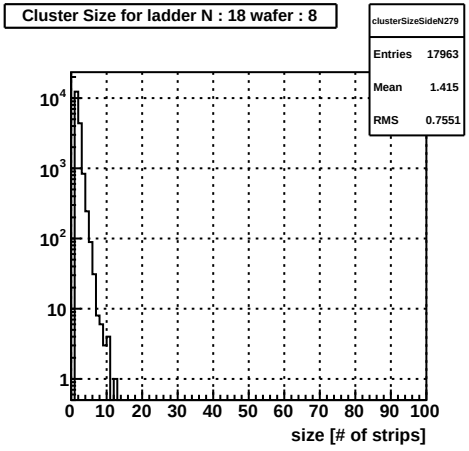

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 14186
Mean 1.45
RMS 0.7632
size [# of strips]

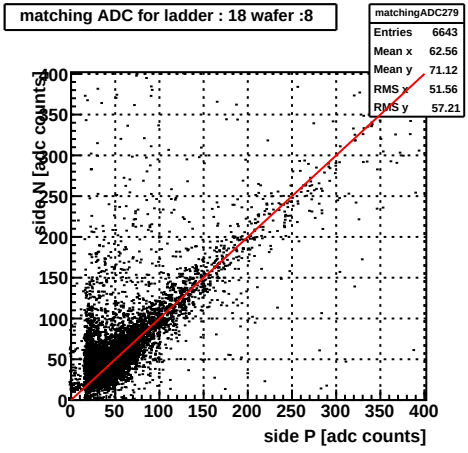

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1775
Mean x 56.64
Mean y 71.8
RMS x 45.59
RMS y 55.86
side N [adc counts]
side P [adc counts]

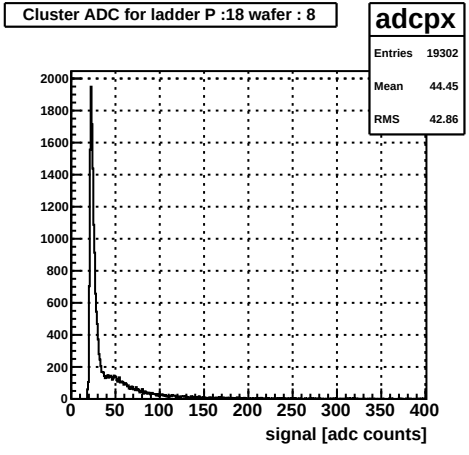

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7085
Mean 40.77
RMS 34.72
signal [adc counts]

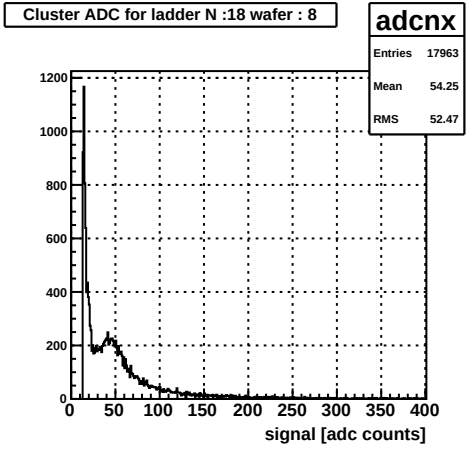

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 14186
Mean 57.52
RMS 53.61
signal [adc counts]

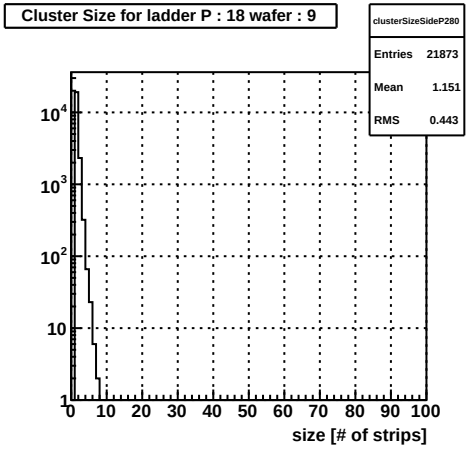

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 19302
Mean 1.124
RMS 0.4069
size [# of strips]

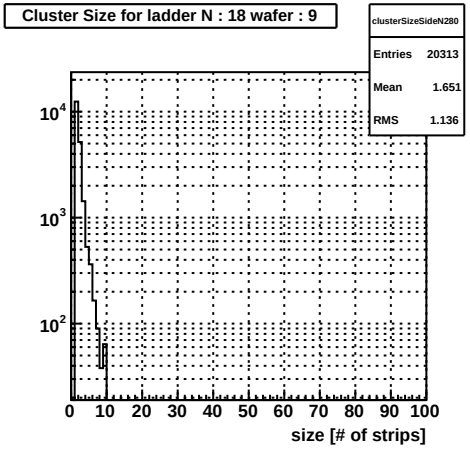

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 17963
Mean 1.415
RMS 0.7551
size [# of strips]

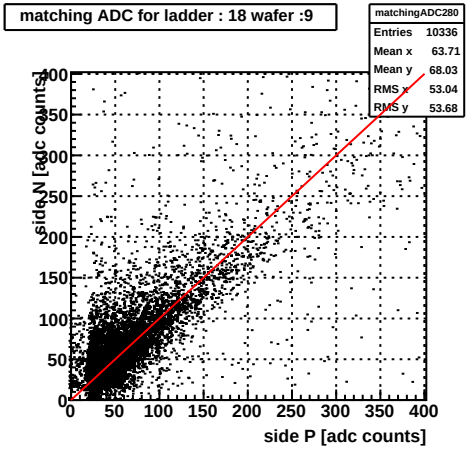

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6643
Mean x 62.56
Mean y 71.12
RMS x 51.56
RMS y 57.21
side N [adc counts]
side P [adc counts]

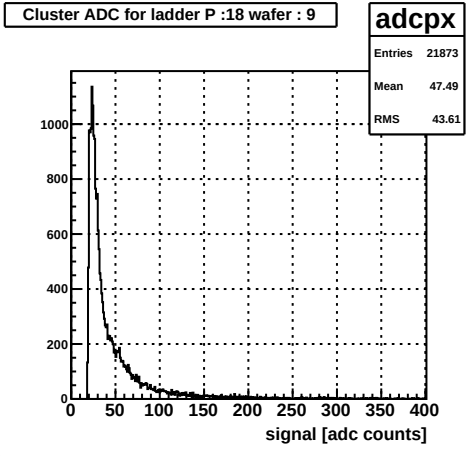

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 19302
Mean 44.45
RMS 42.86
signal [adc counts]

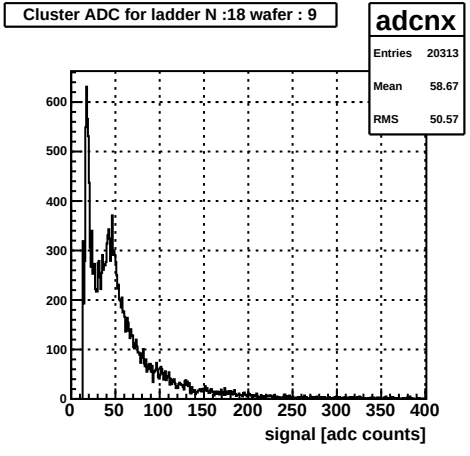

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 17963
Mean 54.25
RMS 52.47
signal [adc counts]

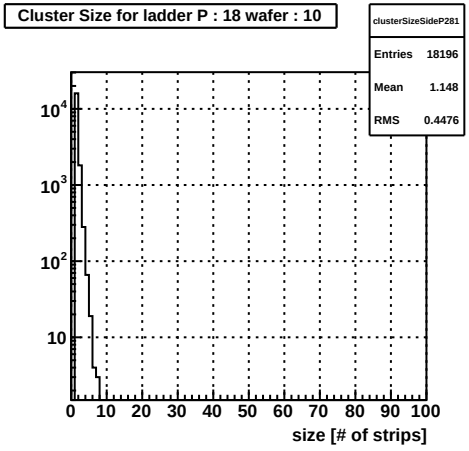

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 21873
Mean 1.151
RMS 0.443
size [# of strips]

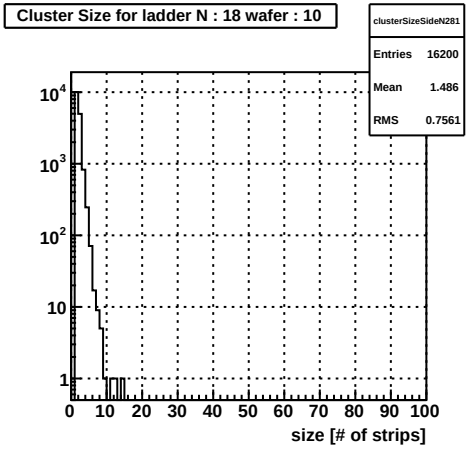

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 20313
Mean 1.651
RMS 1.136
size [# of strips]

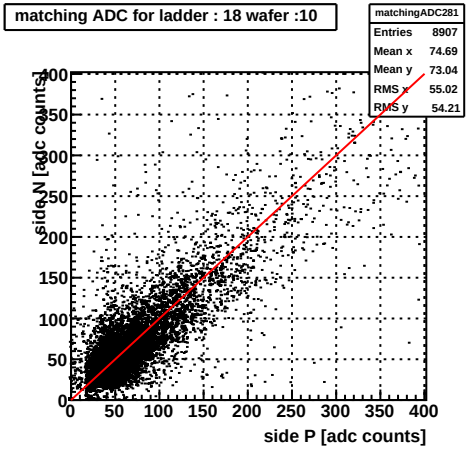

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10336
Mean x 63.71
Mean y 68.03
RMS x 53.04
RMS y 53.68
side N [adc counts]
side P [adc counts]

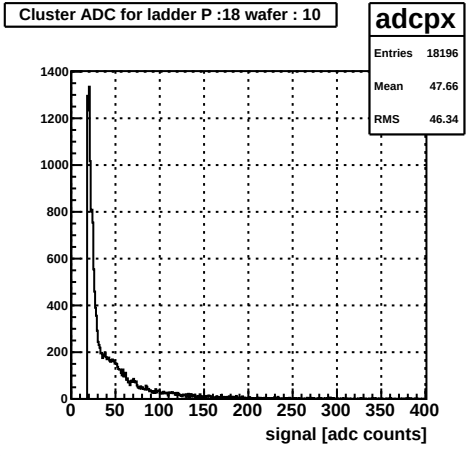

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 21873
Mean 47.49
RMS 43.61
signal [adc counts]

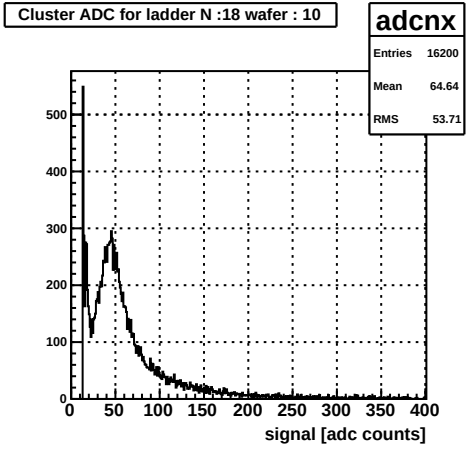

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 20313
Mean 58.67
RMS 50.57
signal [adc counts]

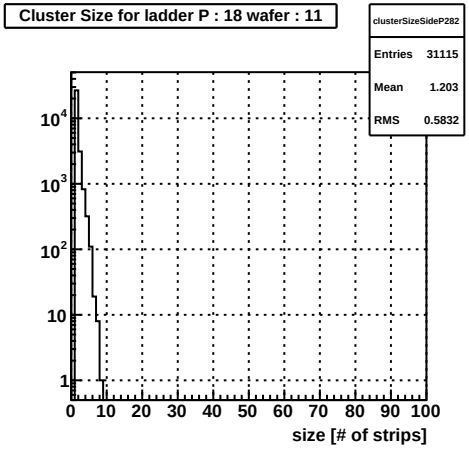

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 18196
Mean 1.148
RMS 0.4476
size [# of strips]

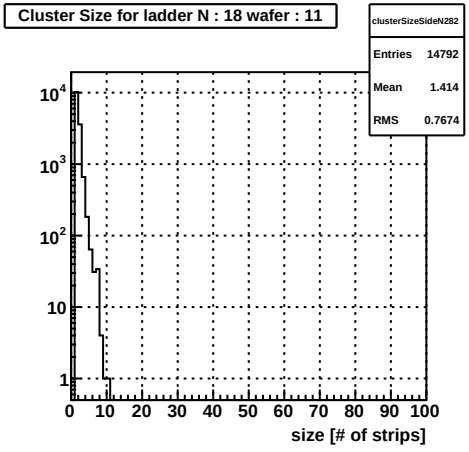

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 16200
Mean 1.486
RMS 0.7561
size [# of strips]

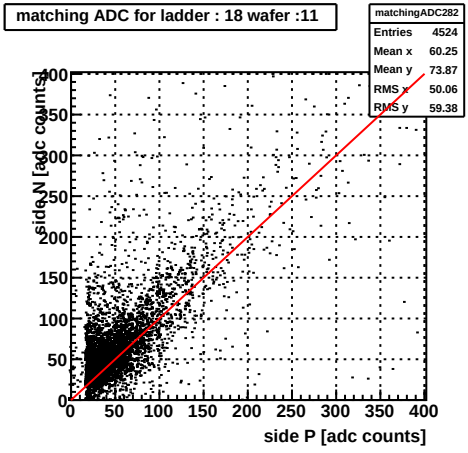

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 8907
Mean x 74.69
Mean y 73.04
RMS x 55.02
RMS y 54.21
side N [adc counts]
side P [adc counts]

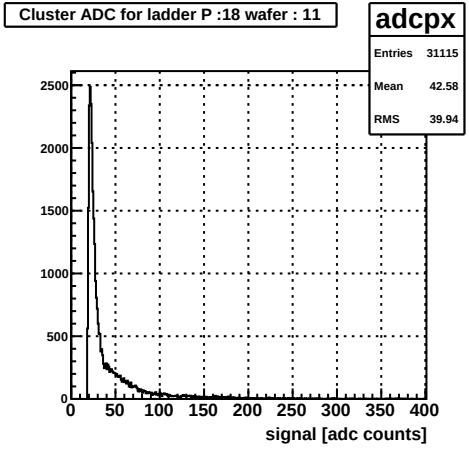

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 18196
Mean 47.66
RMS 46.34
signal [adc counts]

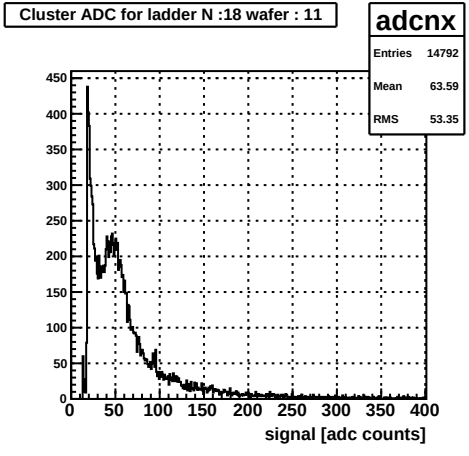

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 16200
Mean 64.64
RMS 53.71
signal [adc counts]

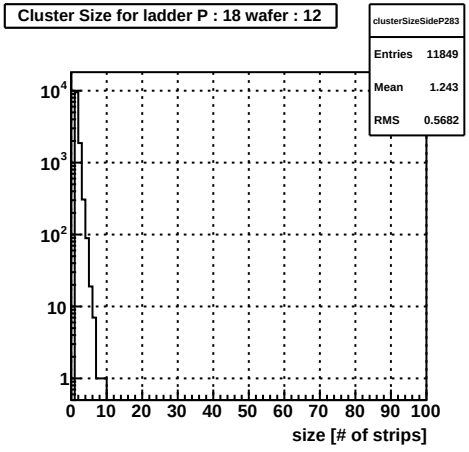

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 31115
Mean 1.203
RMS 0.5832
size [# of strips]

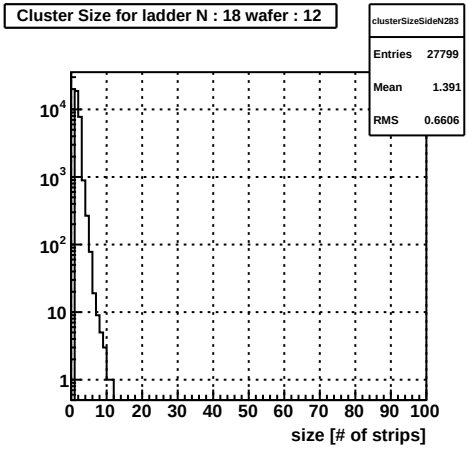

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 14792
Mean 1.414
RMS 0.7674
size [# of strips]

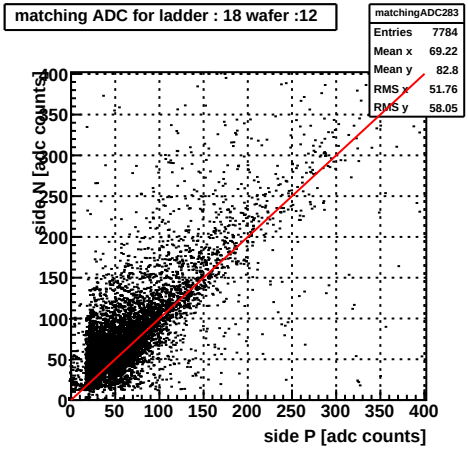

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4524
Mean x 60.25
Mean y 73.87
RMS x 50.06
RMS y 59.38
side N [adc counts]
side P [adc counts]

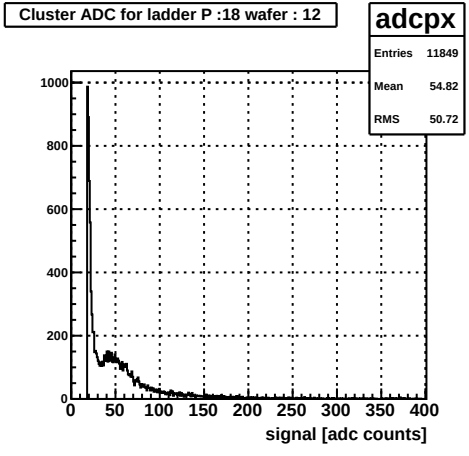

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 31115
Mean 42.58
RMS 39.94
signal [adc counts]

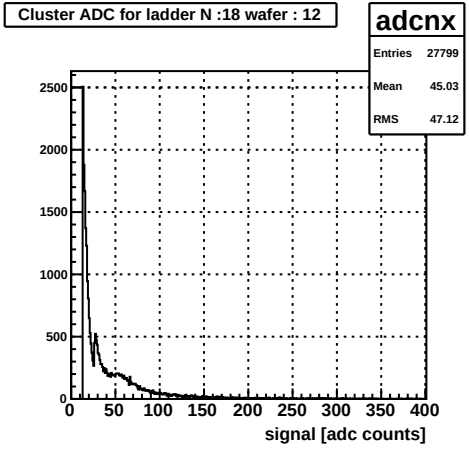

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 14792
Mean 63.59
RMS 53.35
signal [adc counts]

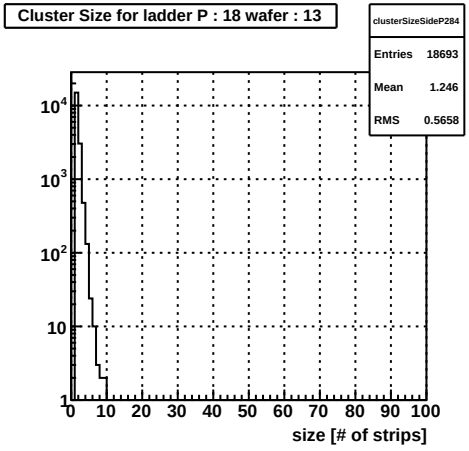

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 11849
Mean 1.243
RMS 0.5682
size [# of strips]

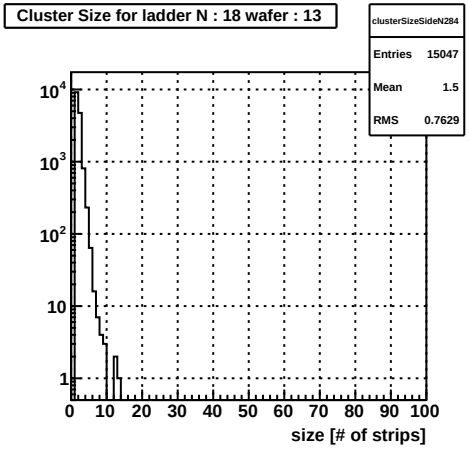

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 27799
Mean 1.391
RMS 0.6606
size [# of strips]

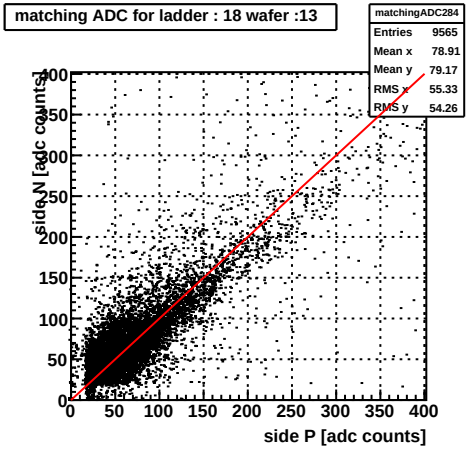

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 7784
Mean x 69.22
Mean y 82.8
RMS x 51.76
RMS y 58.05
side N [adc counts]
side P [adc counts]

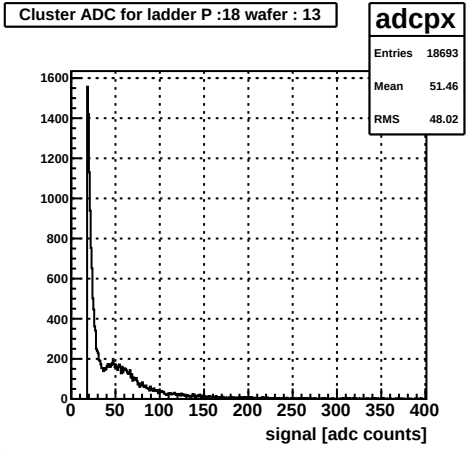

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 11849
Mean 54.82
RMS 50.72
signal [adc counts]

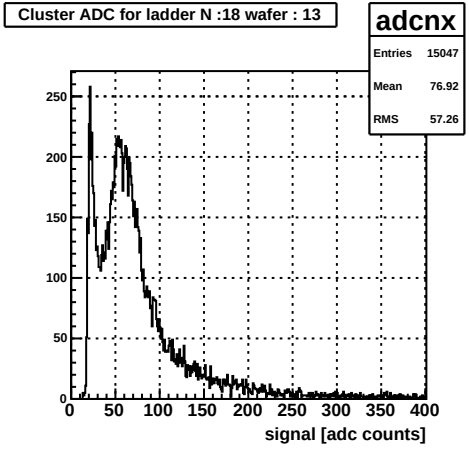

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 27799
Mean 45.03
RMS 47.12
signal [adc counts]

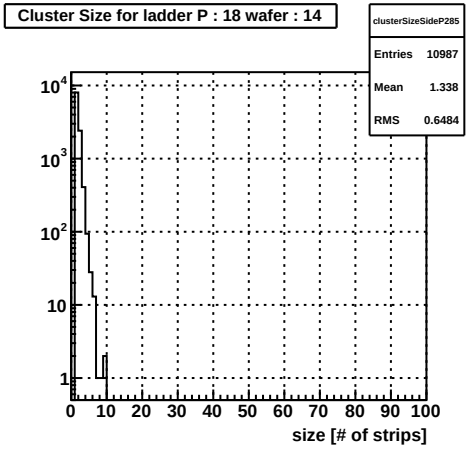

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 18693
Mean 1.246
RMS 0.5658
size [# of strips]

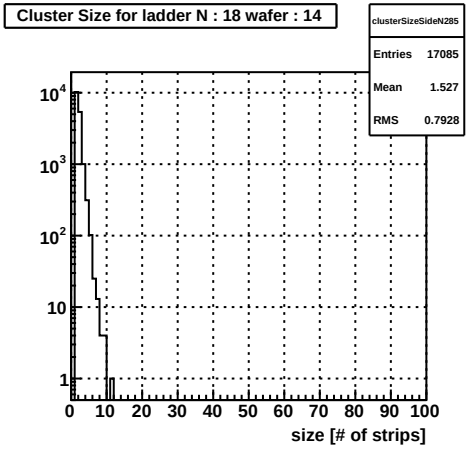

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 15047
Mean 1.5
RMS 0.7629
size [# of strips]

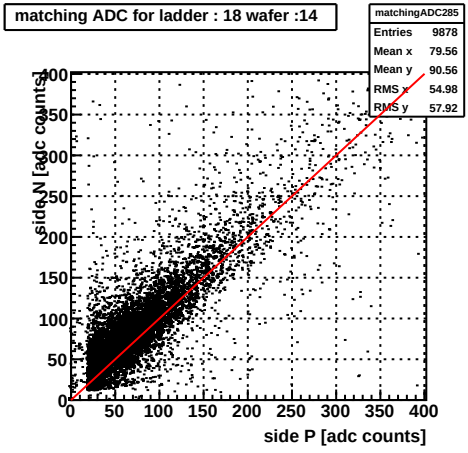

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 9565
Mean x 78.91
Mean y 79.17
RMS x 55.33
RMS y 54.26
side N [adc counts]
side P [adc counts]

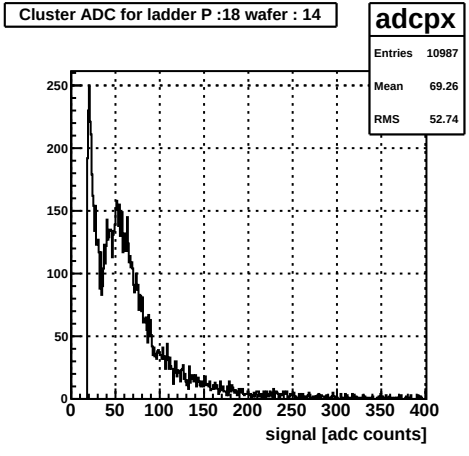

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 18693
Mean 51.46
RMS 48.02
signal [adc counts]

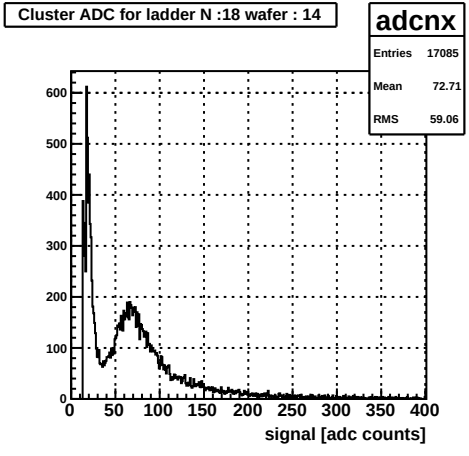

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 15047
Mean 76.92
RMS 57.26
signal [adc counts]

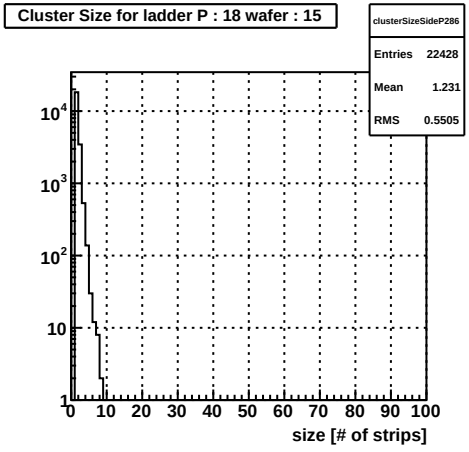

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 10987
Mean 1.338
RMS 0.6484
size [# of strips]

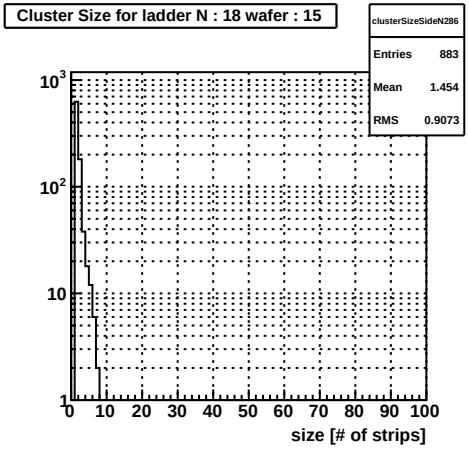

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 17085
Mean 1.527
RMS 0.7928
size [# of strips]

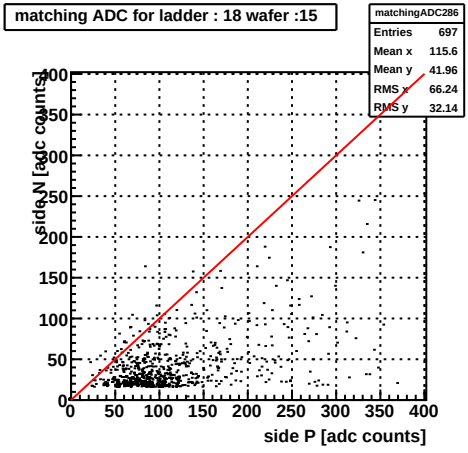

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 9878
Mean x 79.56
Mean y 90.56
RMS x 54.98
RMS y 57.92
side N [adc counts]
side P [adc counts]

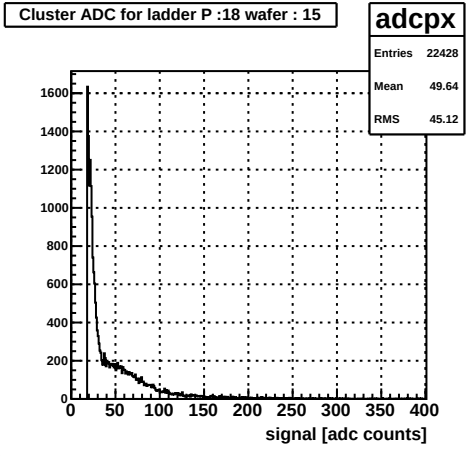

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 10987
Mean 69.26
RMS 52.74
signal [adc counts]

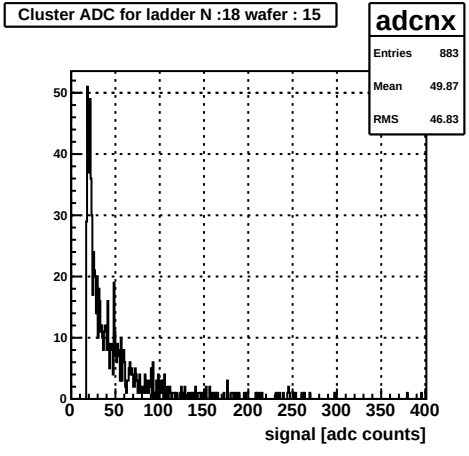

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 17085
Mean 72.71
RMS 59.06
signal [adc counts]

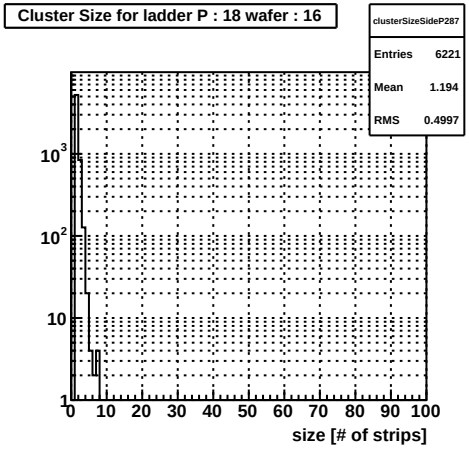

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 22428
Mean 1.231
RMS 0.5505
size [# of strips]

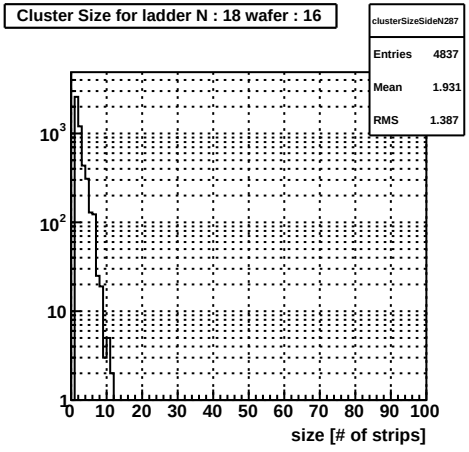

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 883
Mean 1.454
RMS 0.9073
size [# of strips]

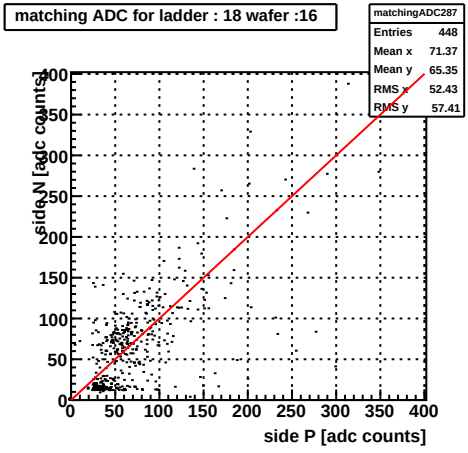

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 697
Mean x 115.6
Mean y 41.96
RMS x 66.24
RMS y 32.14
side N [adc counts]
side P [adc counts]

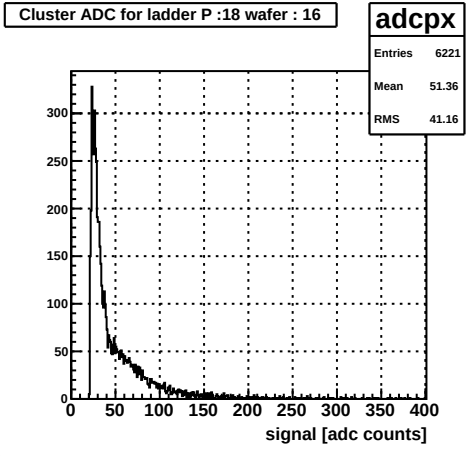

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 22428
Mean 49.64
RMS 45.12
signal [adc counts]

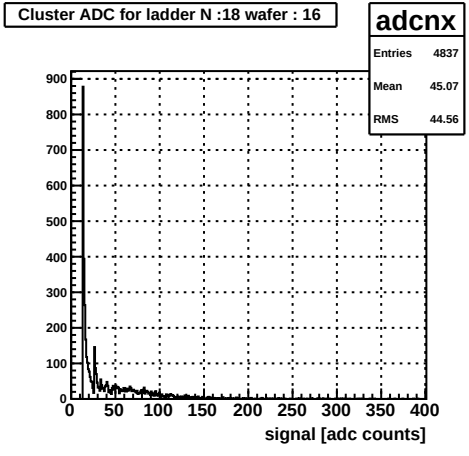

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 883
Mean 49.87
RMS 46.83
signal [adc counts]

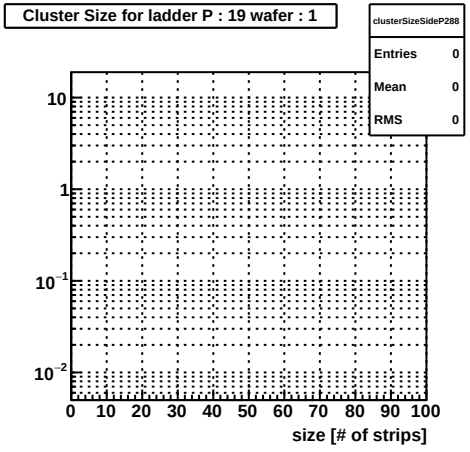

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6221
Mean 1.194
RMS 0.4997
size [# of strips]

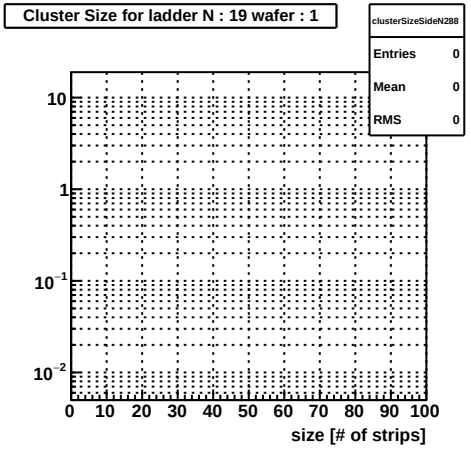

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4837
Mean 1.931
RMS 1.387
size [# of strips]

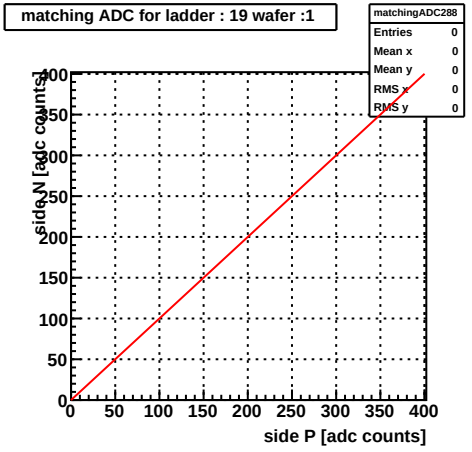

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 448
Mean x 71.37
Mean y 65.35
RMS x 52.43
RMS y 57.41
side N [adc counts]
side P [adc counts]

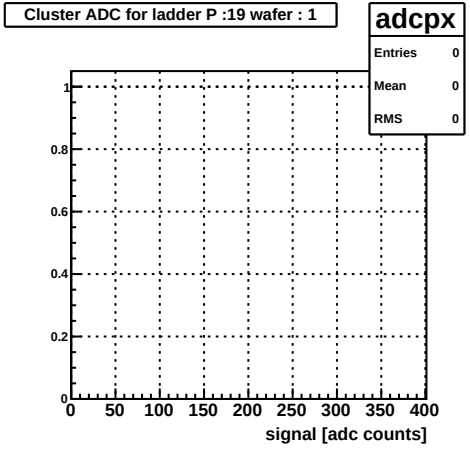

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6221
Mean 51.36
RMS 41.16
signal [adc counts]

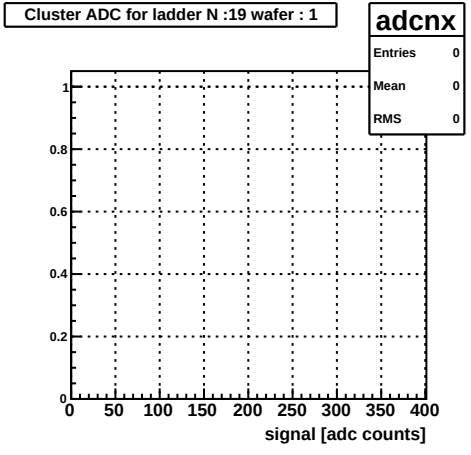

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4837
Mean 45.07
RMS 44.56
signal [adc counts]

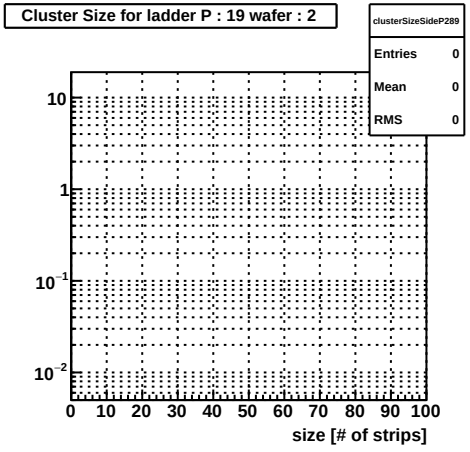

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

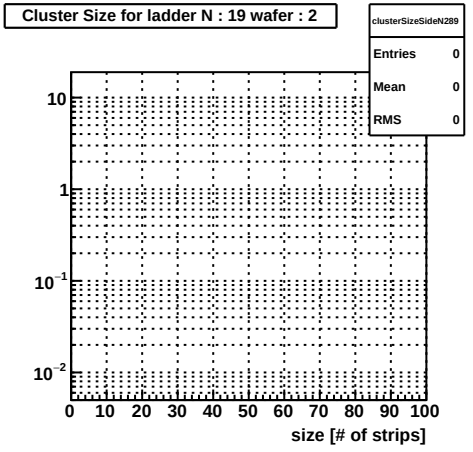

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

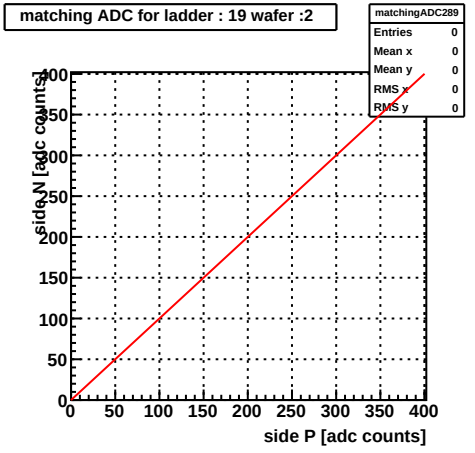

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

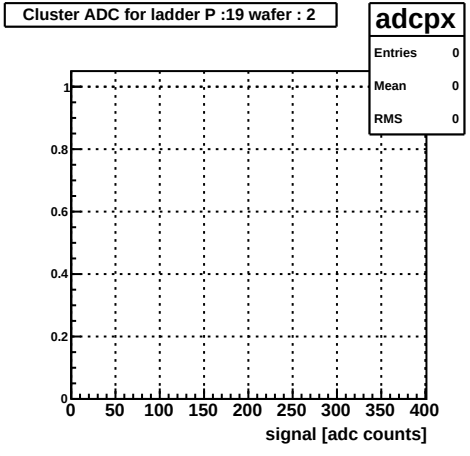

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

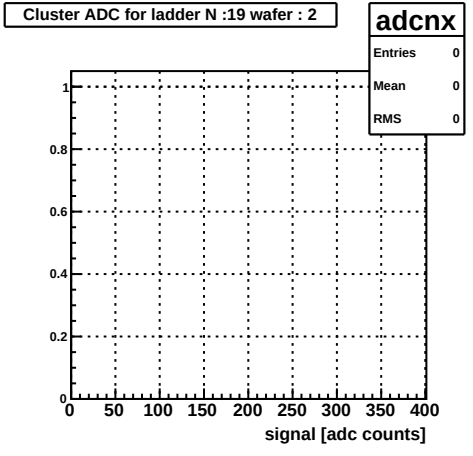

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

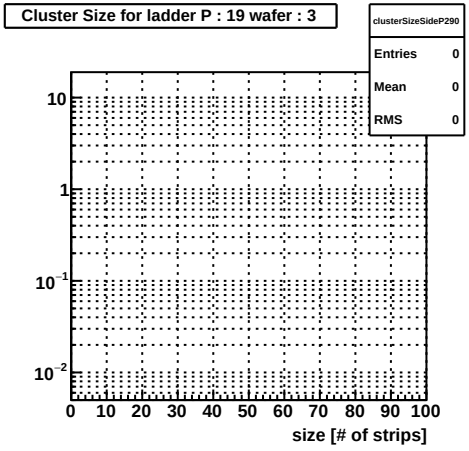

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

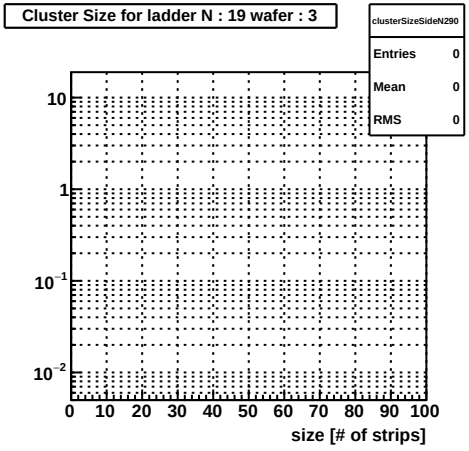

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

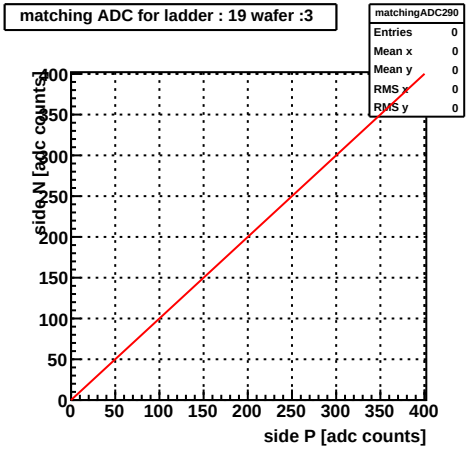

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

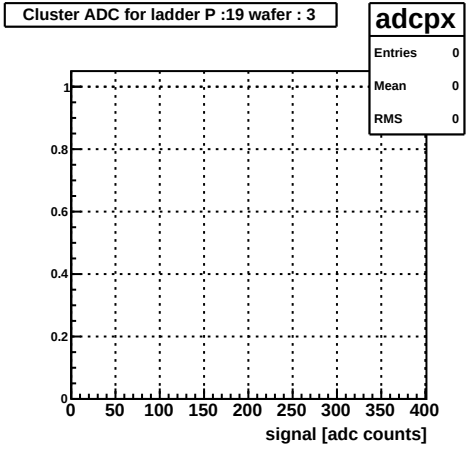

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

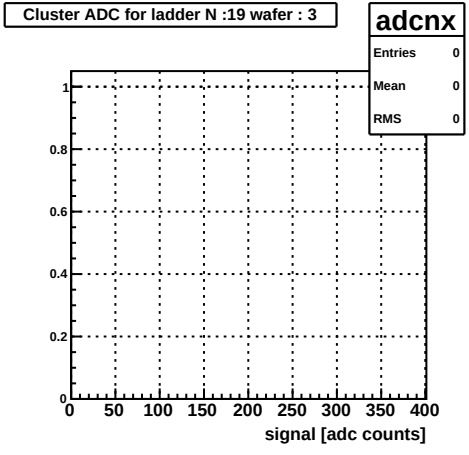

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

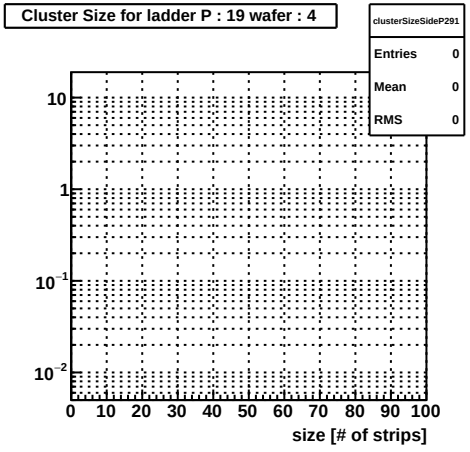

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

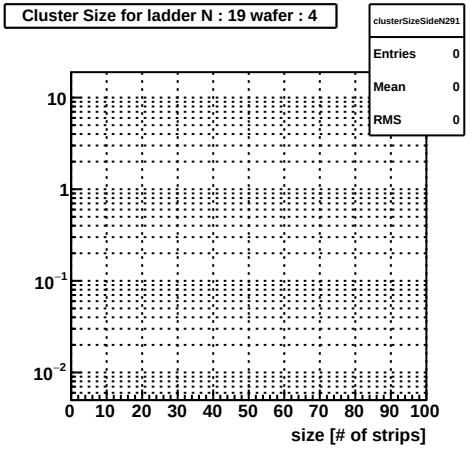

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

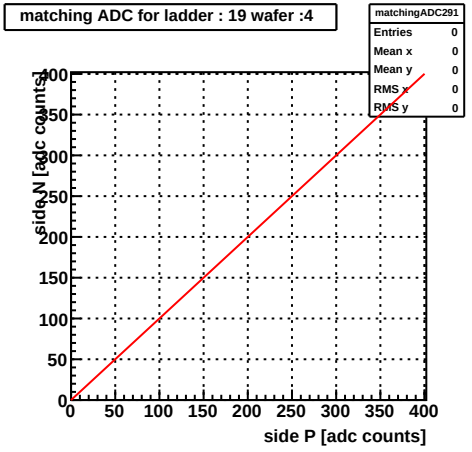

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

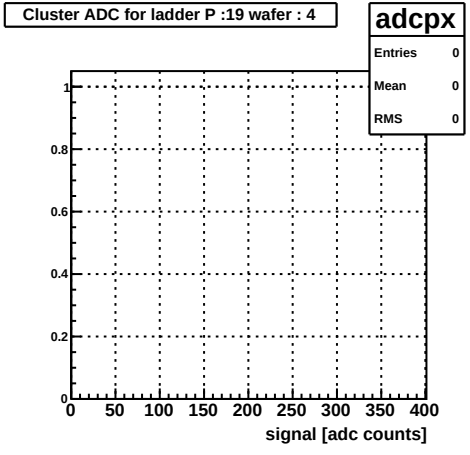

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

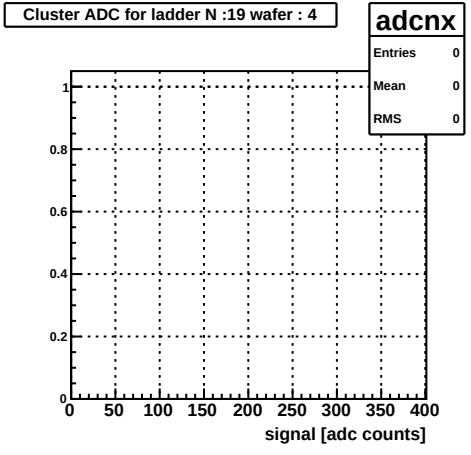

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

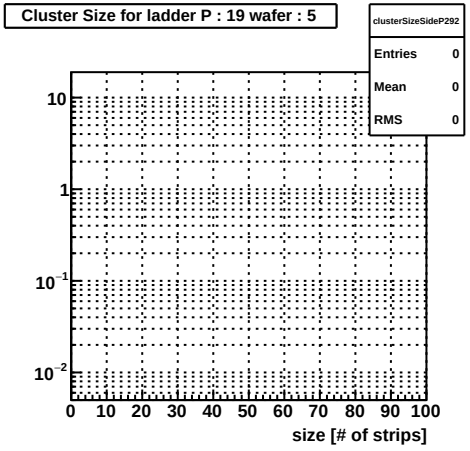

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

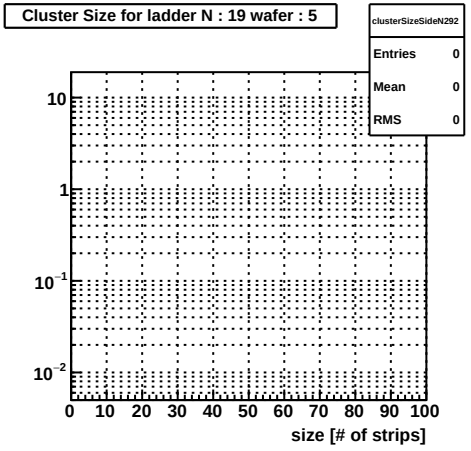

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

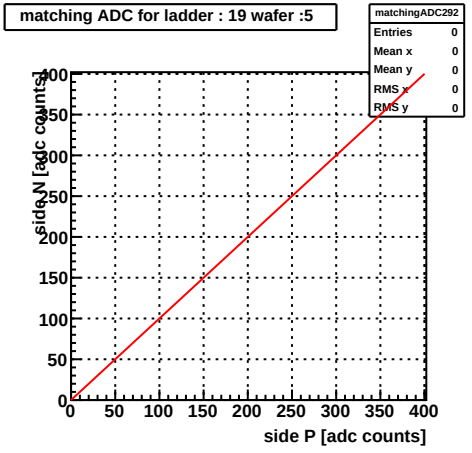

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

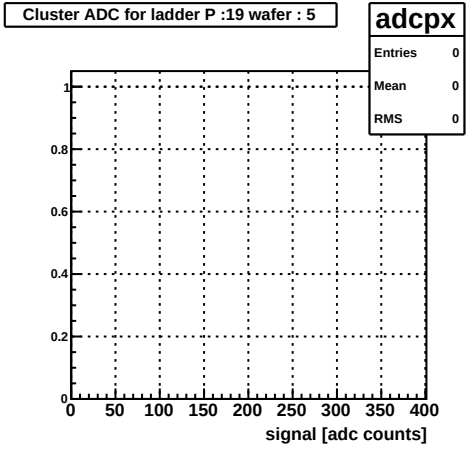

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

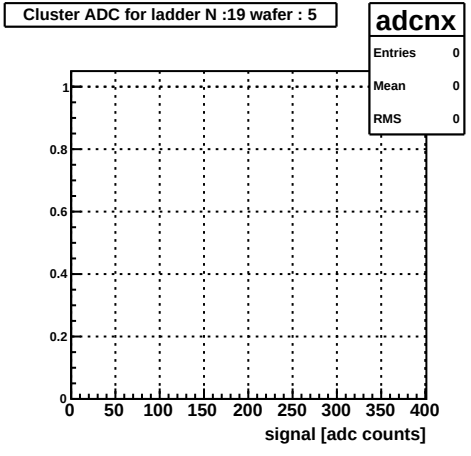

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

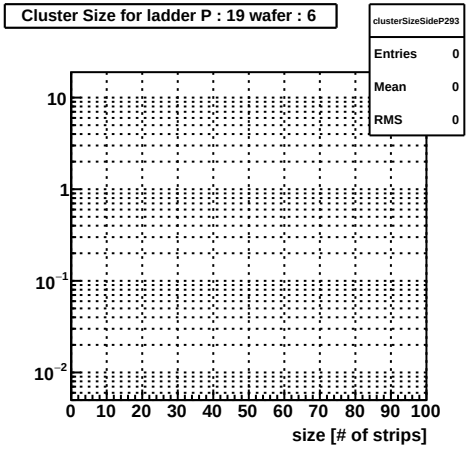

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

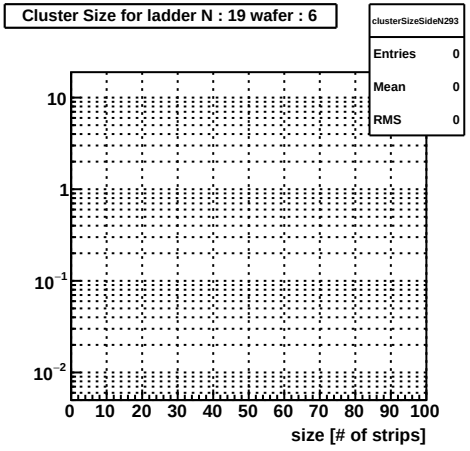

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

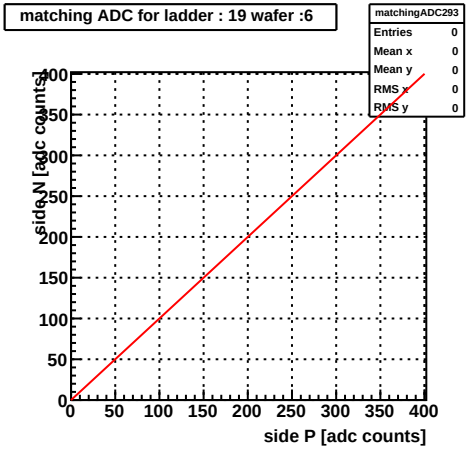

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

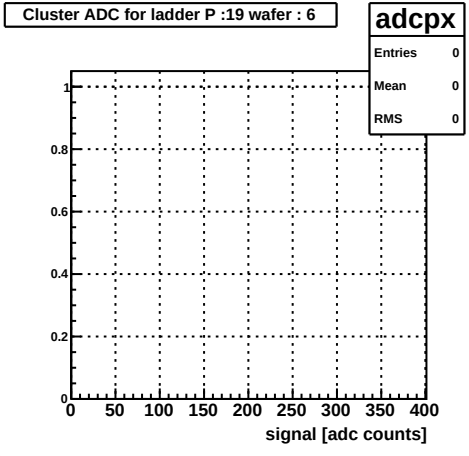

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

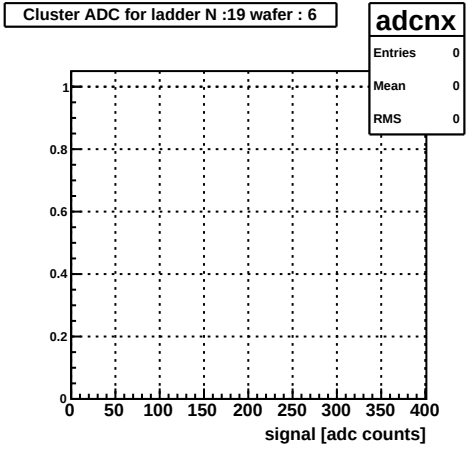

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

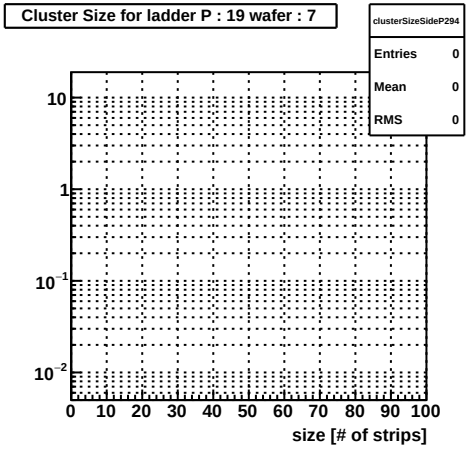

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

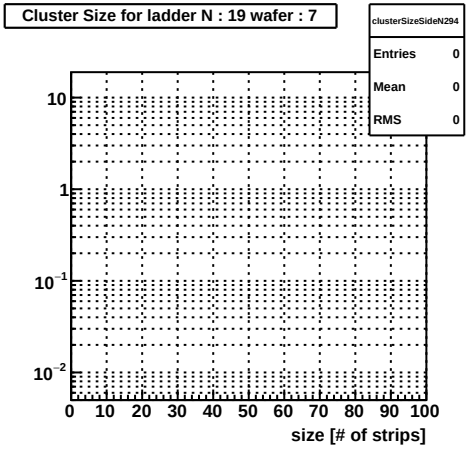

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

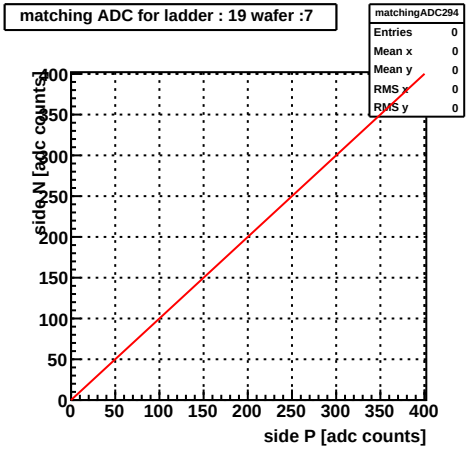

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

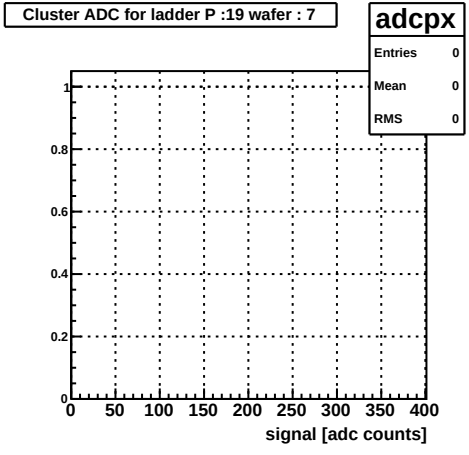

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

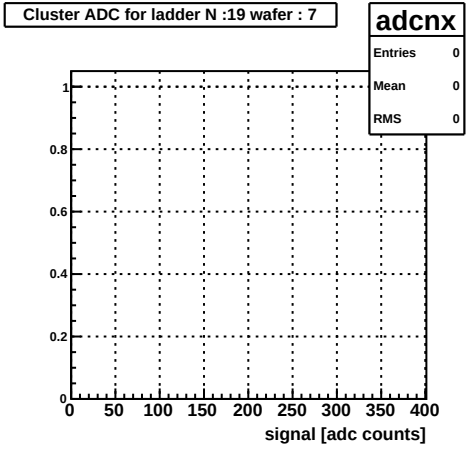

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

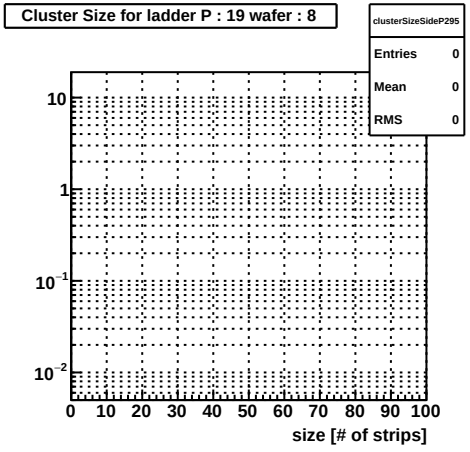

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

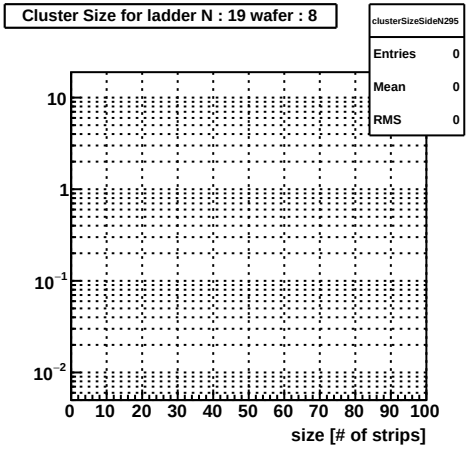

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

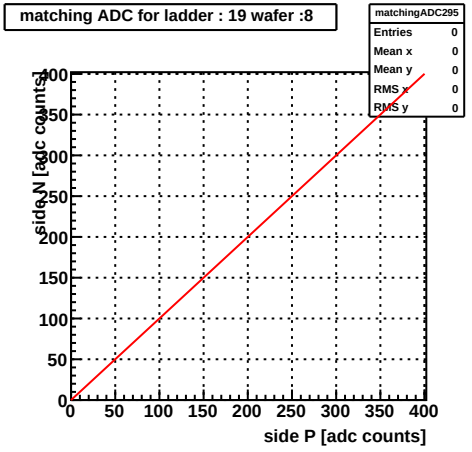

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

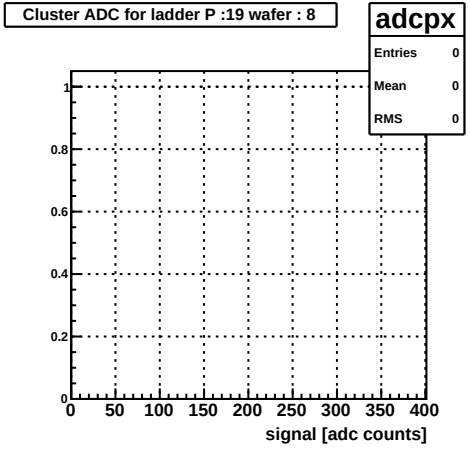

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

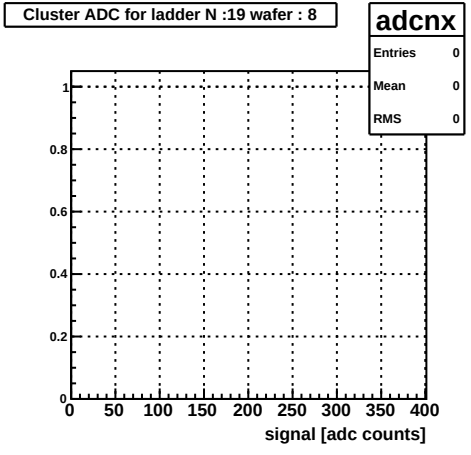

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

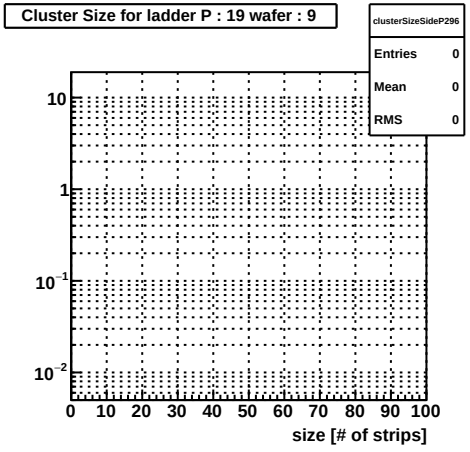

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

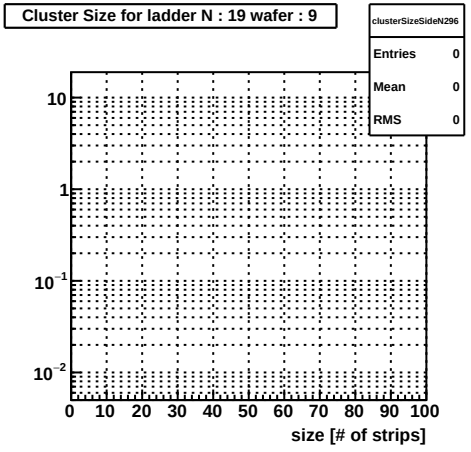

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

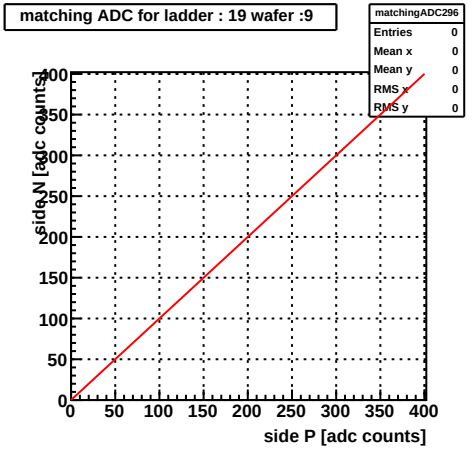

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

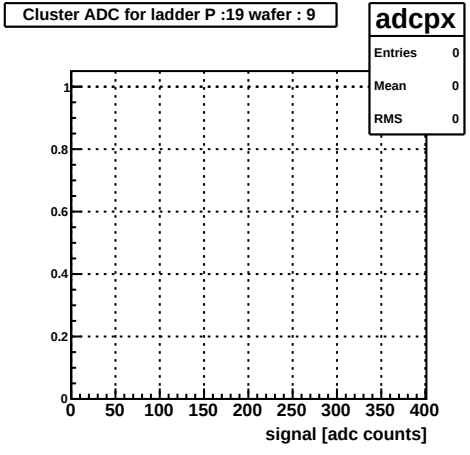

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

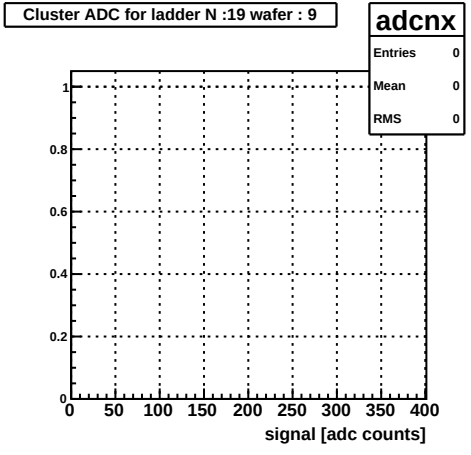

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

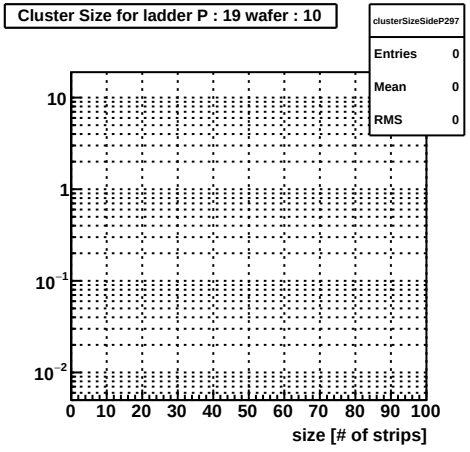

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

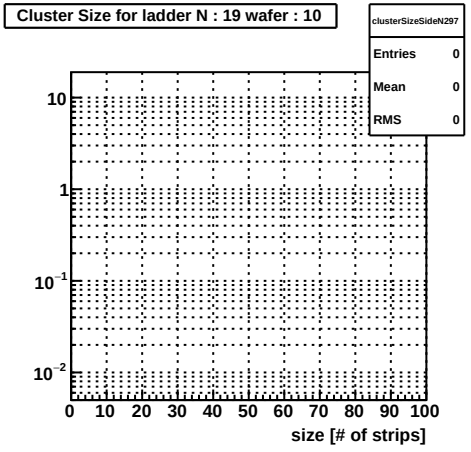

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

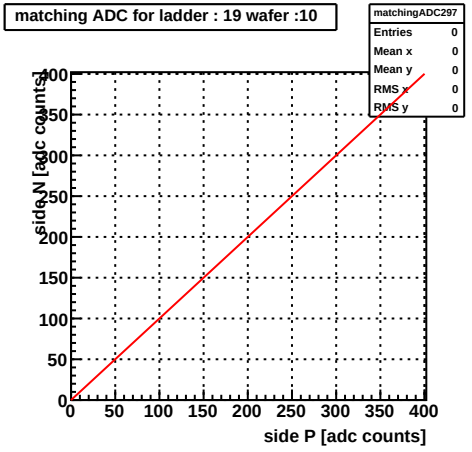

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

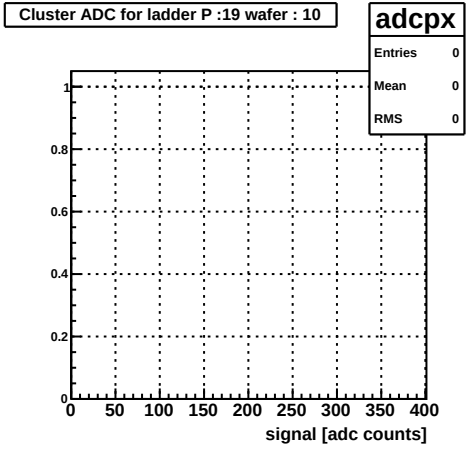

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

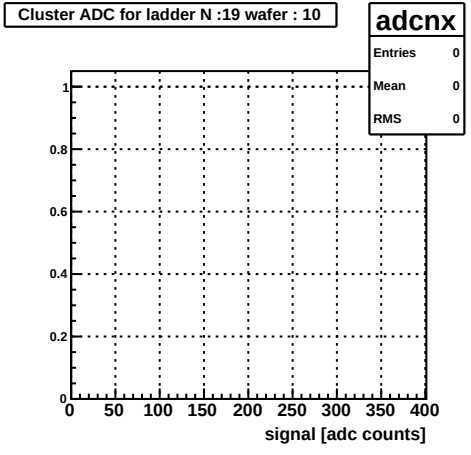

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

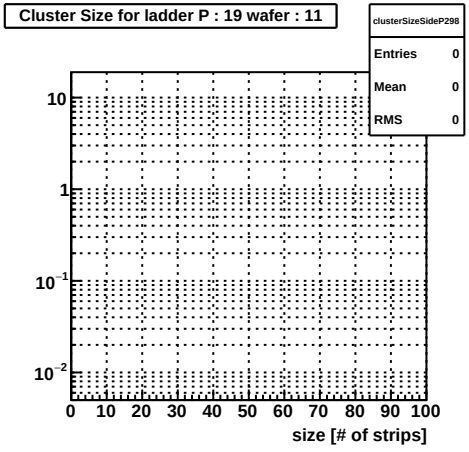

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

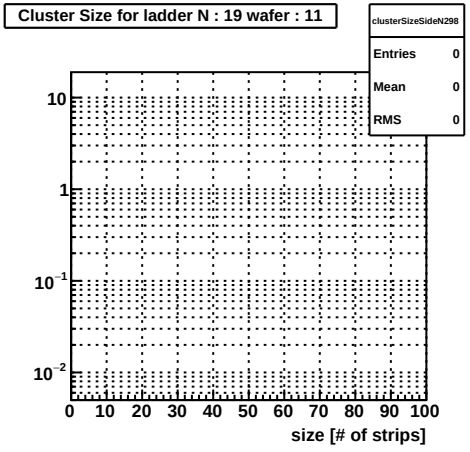

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

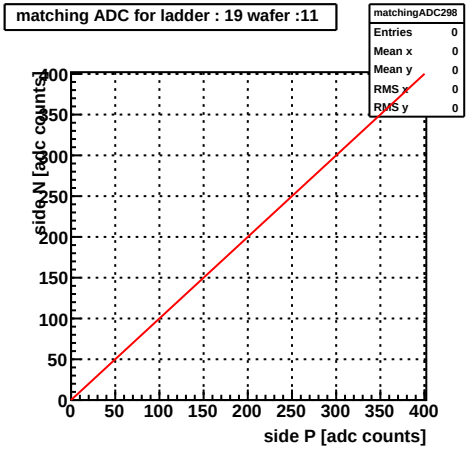

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

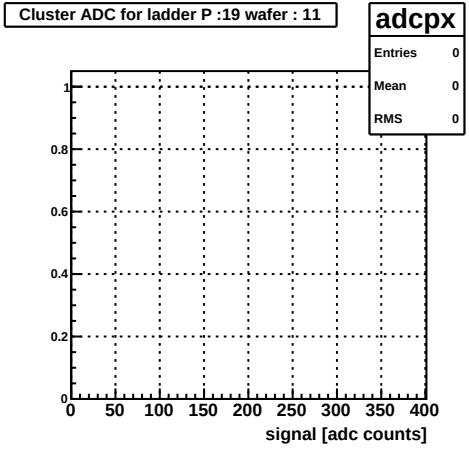

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

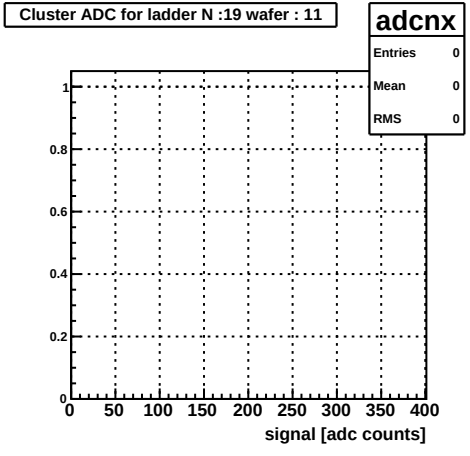

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

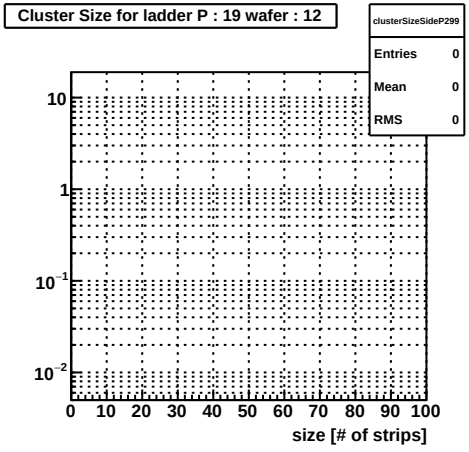

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

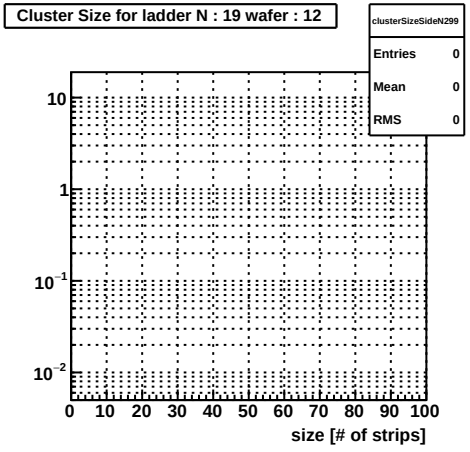

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

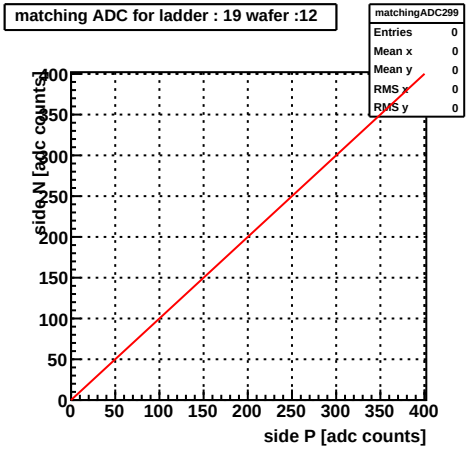

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

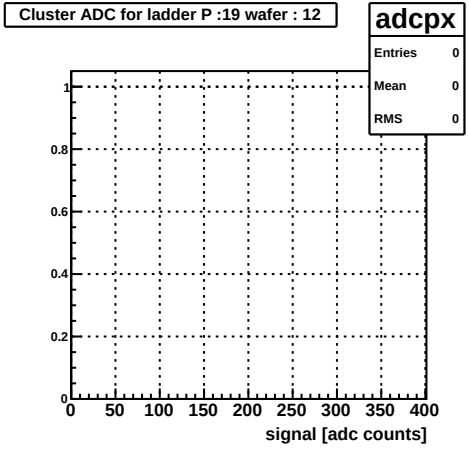

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

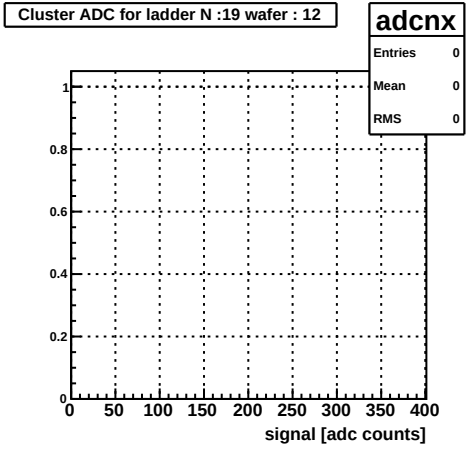

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

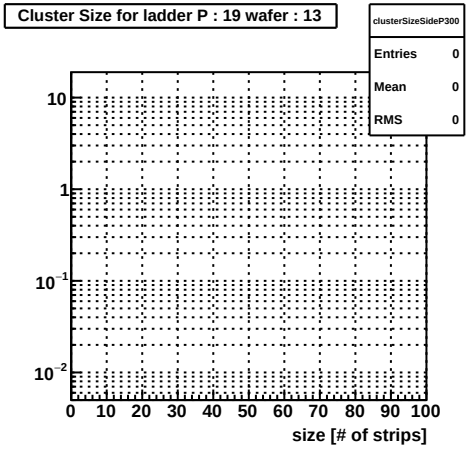

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

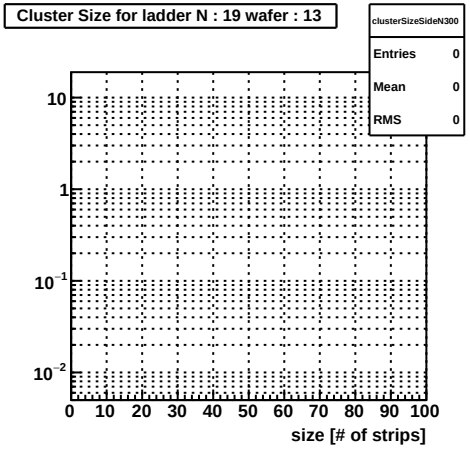

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

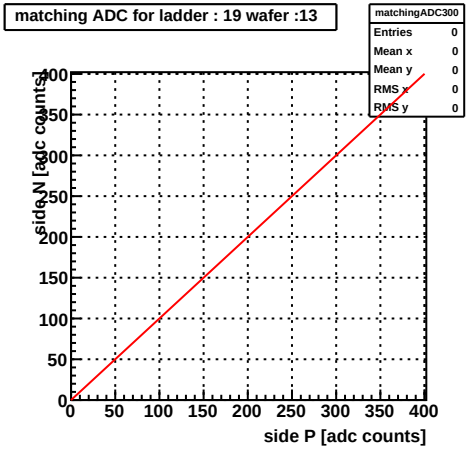

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

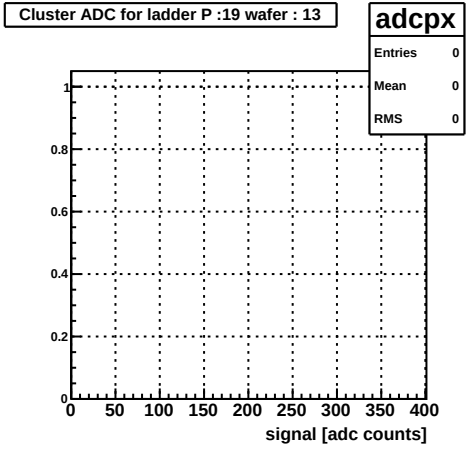

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

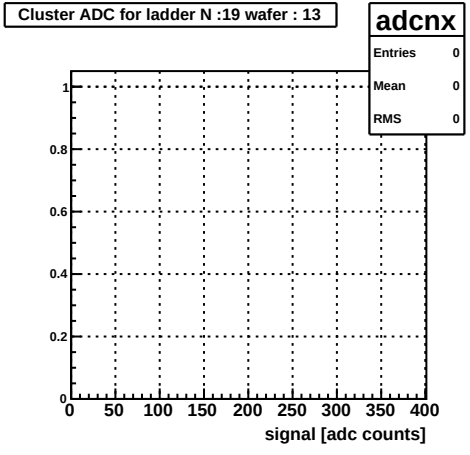

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

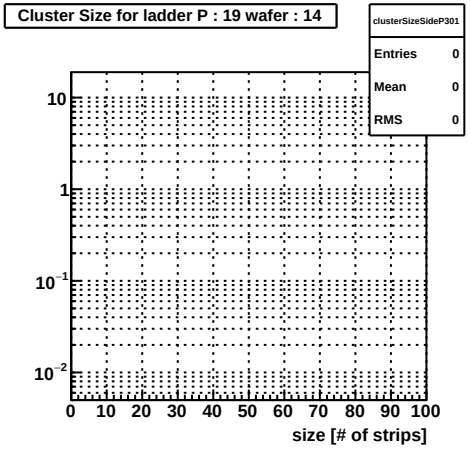

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

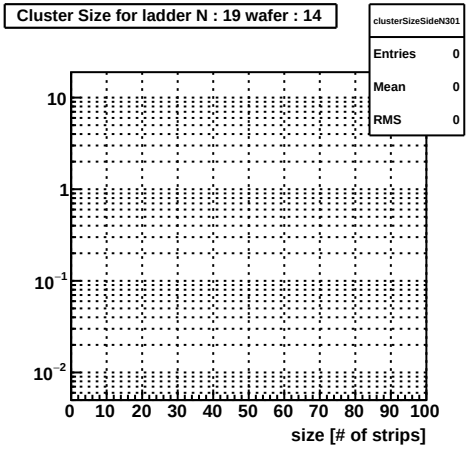

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

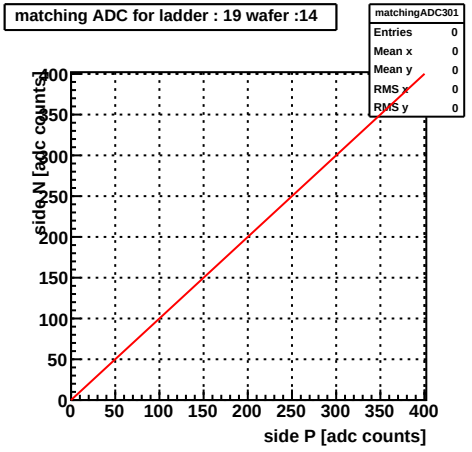

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

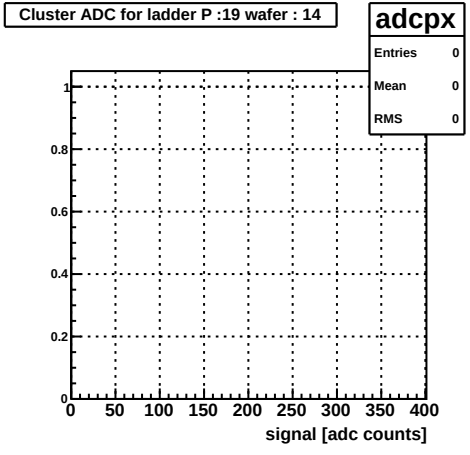

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

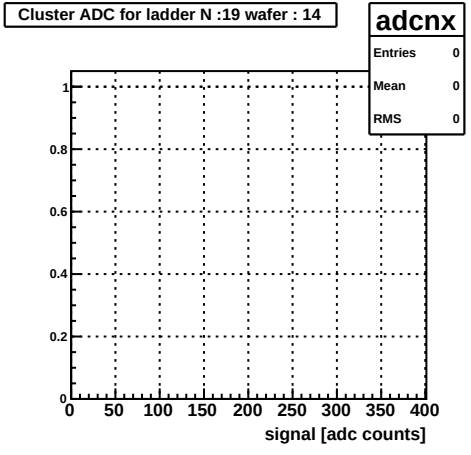

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

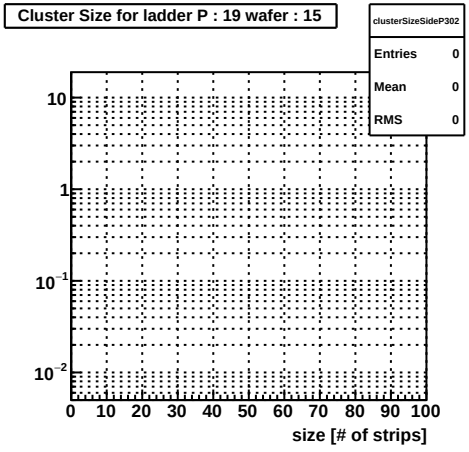

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

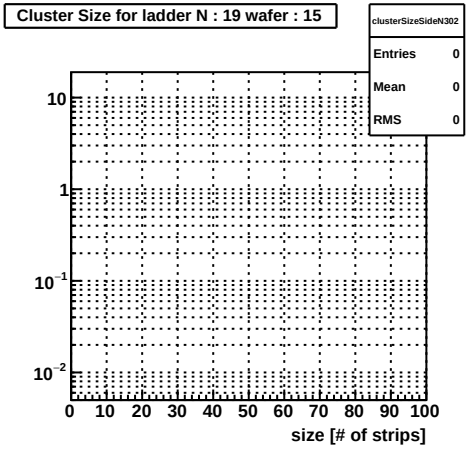

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

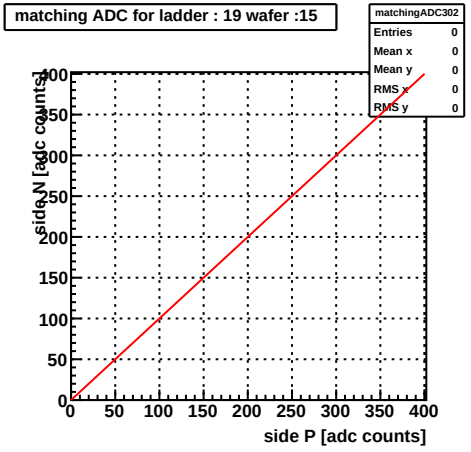

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

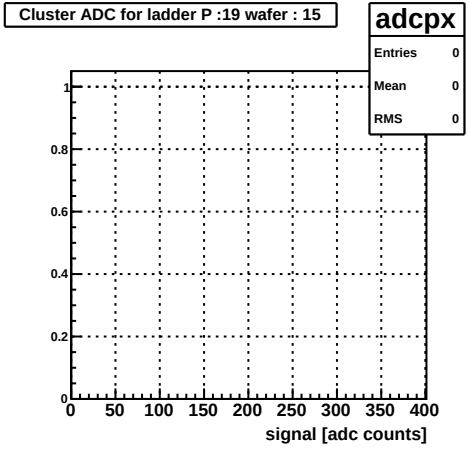

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

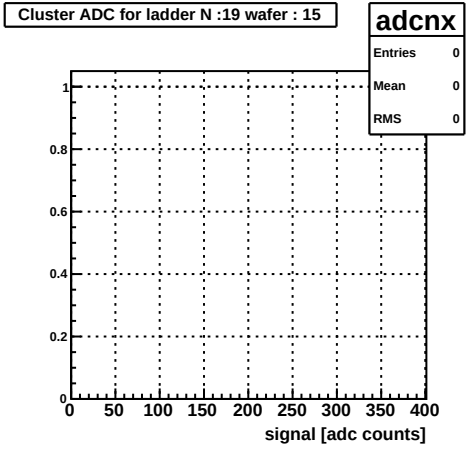

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

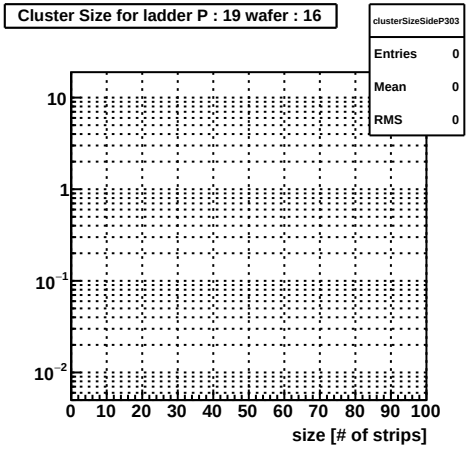

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

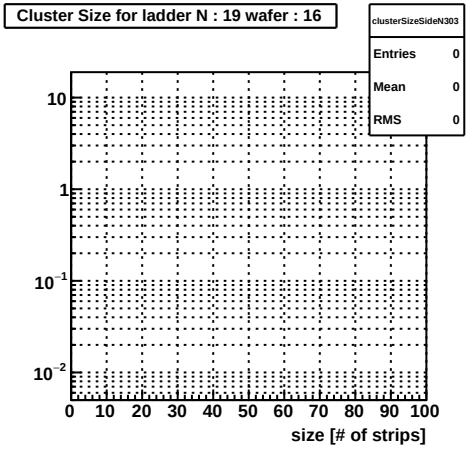

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

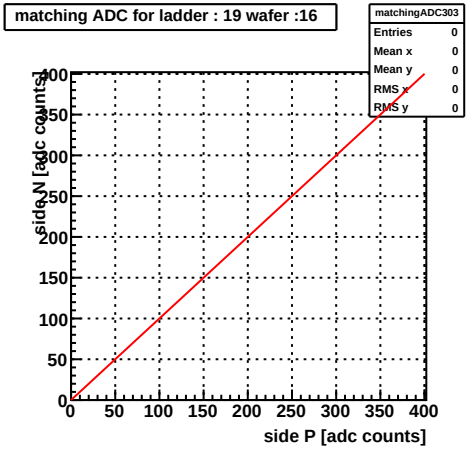

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

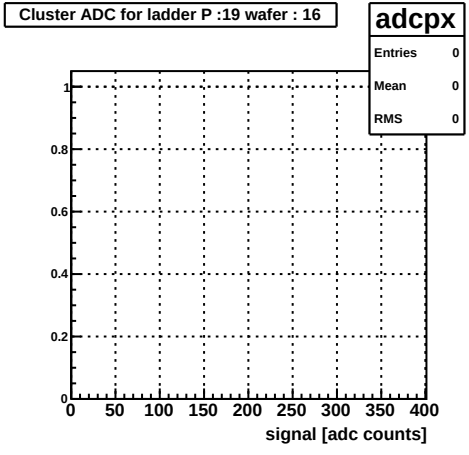

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

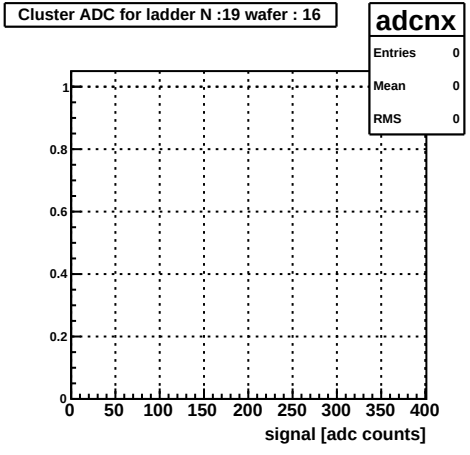

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

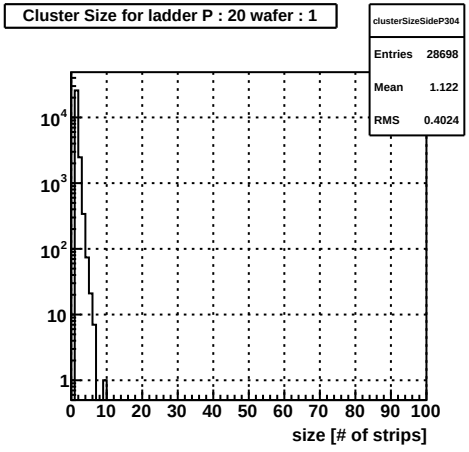

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

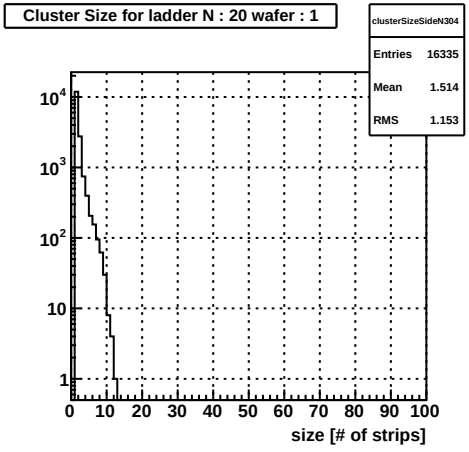

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

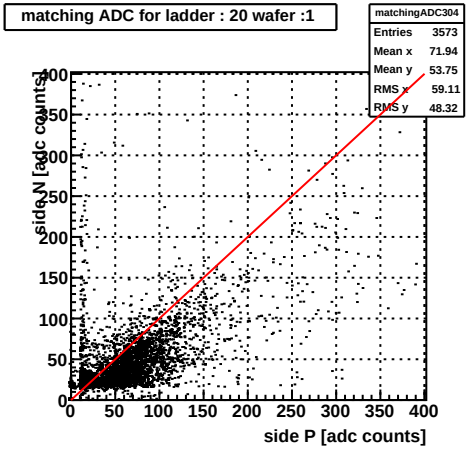

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

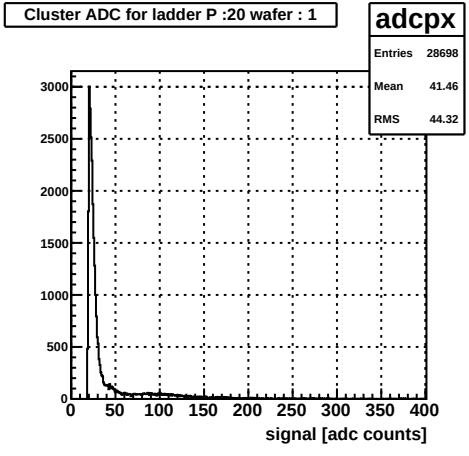

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

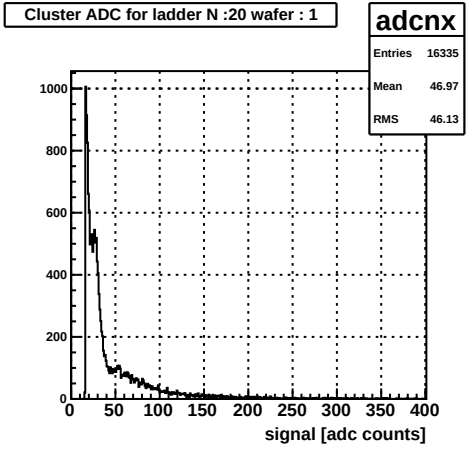

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

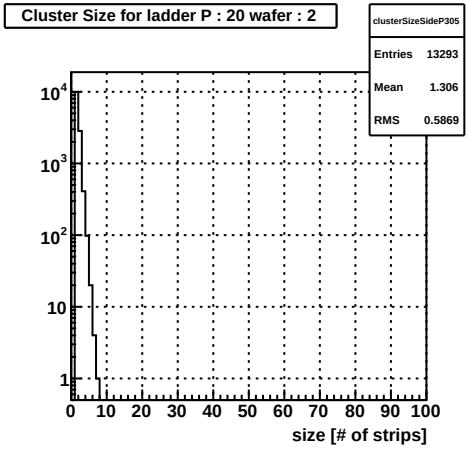

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 28698
Mean 1.122
RMS 0.4024
size [# of strips]

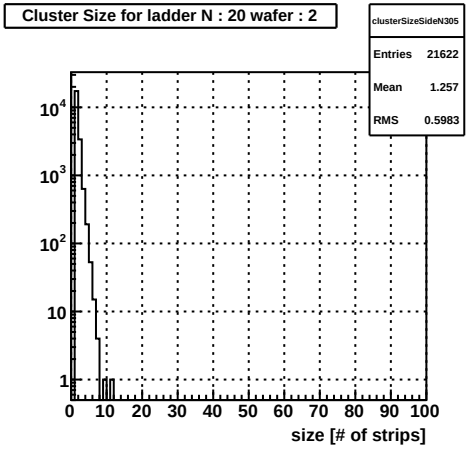

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 16335
Mean 1.514
RMS 1.153
size [# of strips]

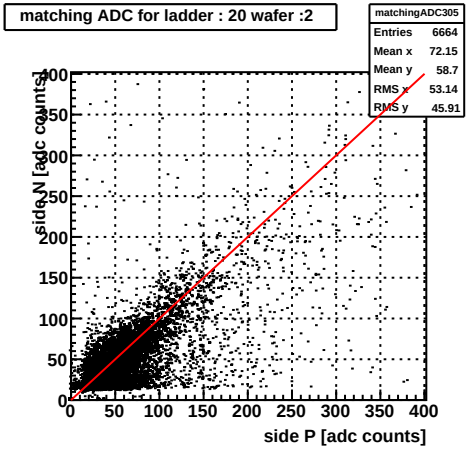

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3573
Mean x 71.94
Mean y 53.75
RMS x 59.11
RMS y 48.32
side N [adc counts]
side P [adc counts]

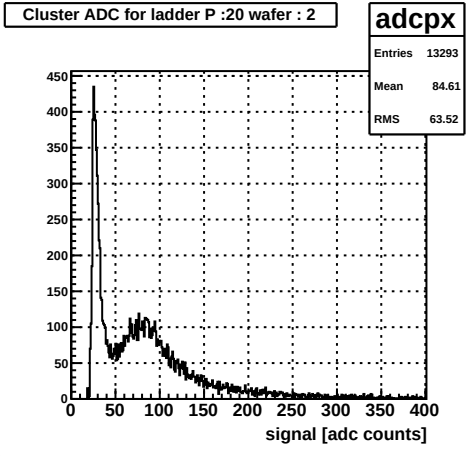

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 28698
Mean 41.46
RMS 44.32
signal [adc counts]

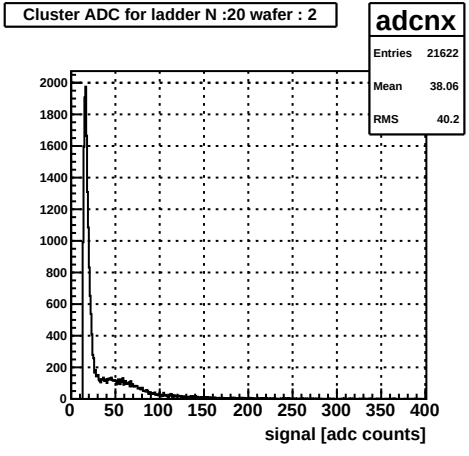

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 16335
Mean 46.97
RMS 46.13
signal [adc counts]

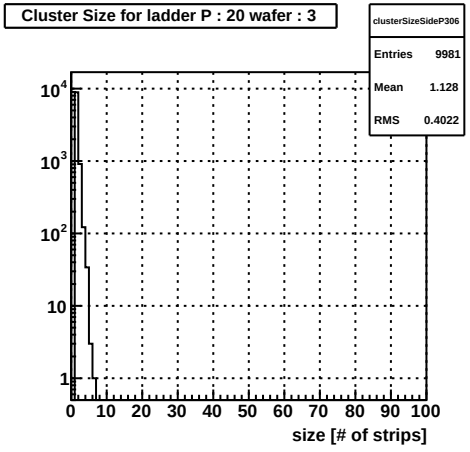

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 13293
Mean 1.306
RMS 0.5869
size [# of strips]

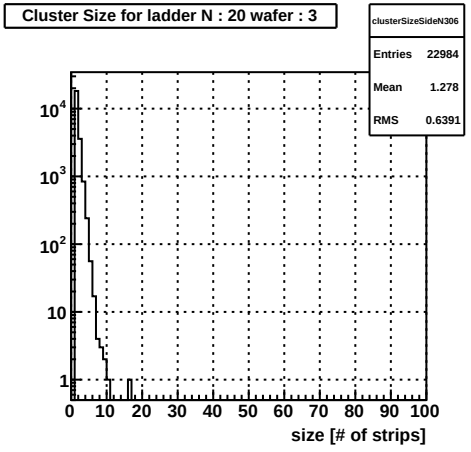

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 21622
Mean 1.257
RMS 0.5983
size [# of strips]

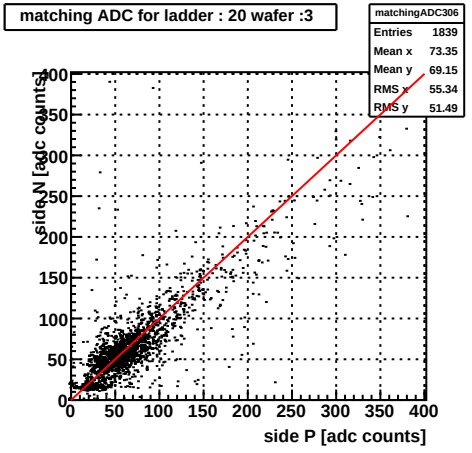

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 6664
Mean x 72.15
Mean y 58.7
RMS x 53.14
RMS y 45.91
side N [adc counts]
side P [adc counts]

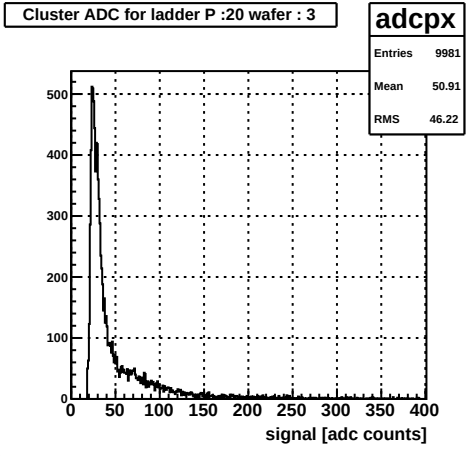

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 13293
Mean 84.61
RMS 63.52
signal [adc counts]

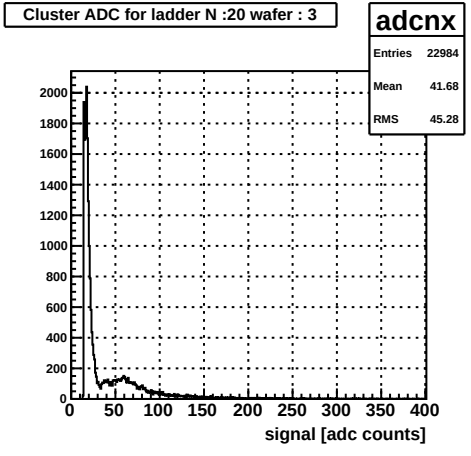

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 21622
Mean 38.06
RMS 40.2
signal [adc counts]

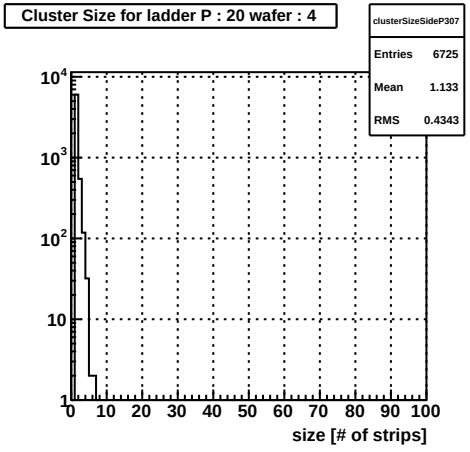

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9981
Mean 1.128
RMS 0.4022
size [# of strips]

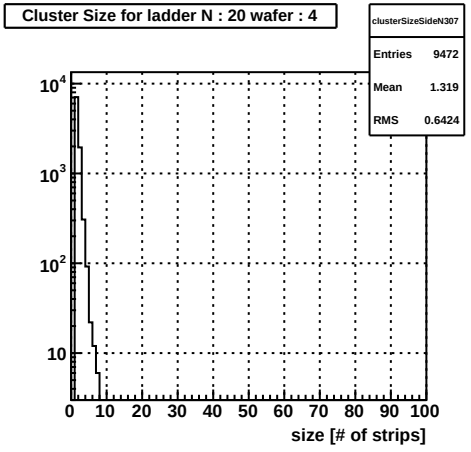

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 22984
Mean 1.278
RMS 0.6391
size [# of strips]

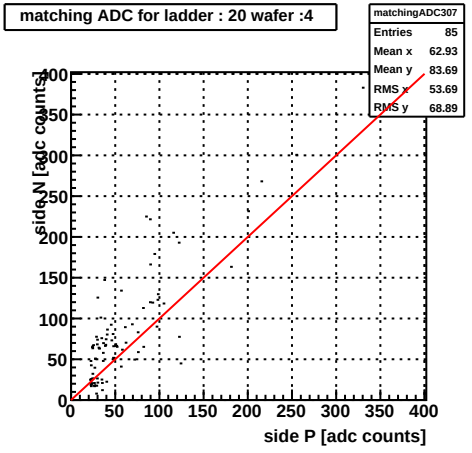

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1839
Mean x 73.35
Mean y 69.15
RMS x 55.34
RMS y 51.49
side N [adc counts]
side P [adc counts]

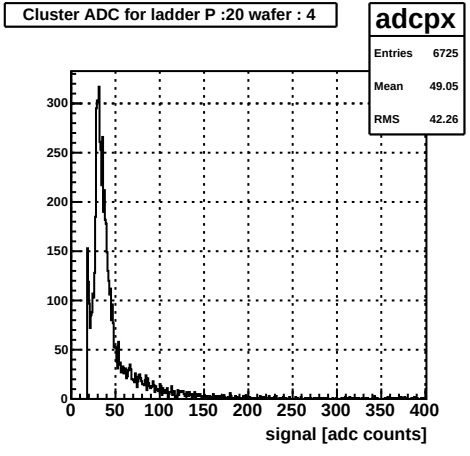

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9981
Mean 50.91
RMS 46.22
signal [adc counts]

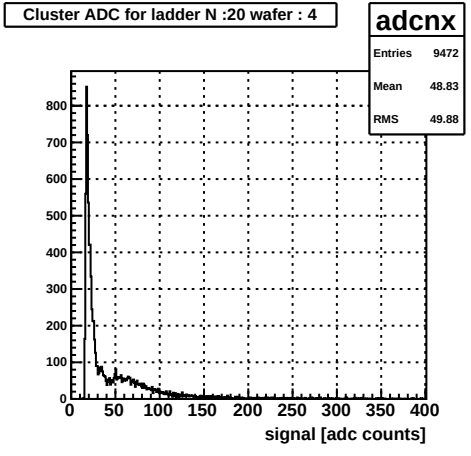

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 22984
Mean 41.68
RMS 45.28
signal [adc counts]

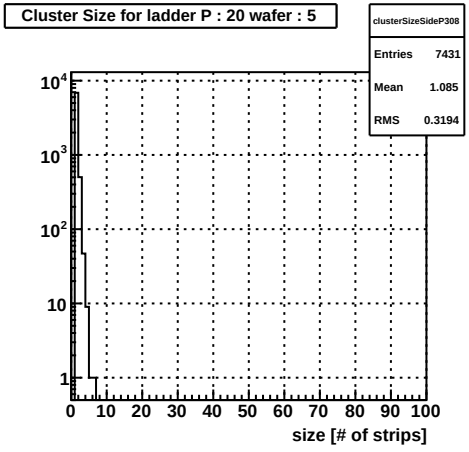

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6725
Mean 1.133
RMS 0.4343
size [# of strips]

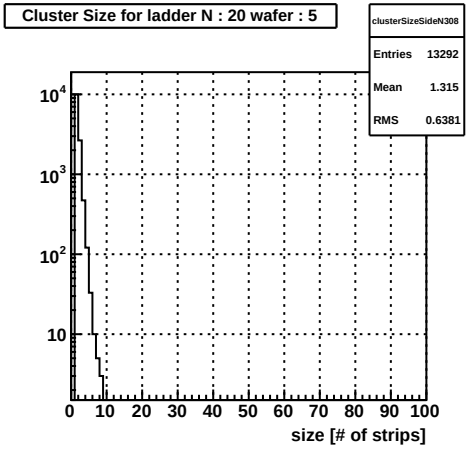

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9472
Mean 1.319
RMS 0.6424
size [# of strips]

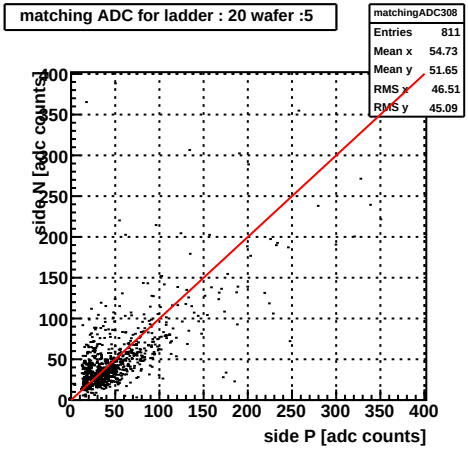

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 85
Mean x 62.93
Mean y 83.69
RMS x 53.69
RMS y 68.89
side N [adc counts]
side P [adc counts]

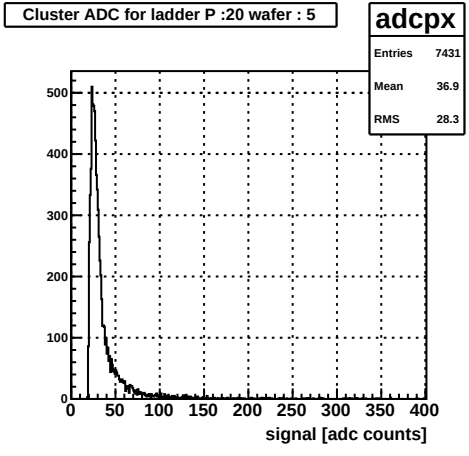

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6725
Mean 49.05
RMS 42.26
signal [adc counts]

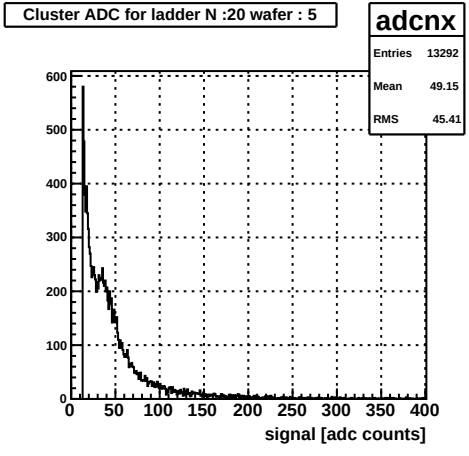

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9472
Mean 48.83
RMS 49.88
signal [adc counts]

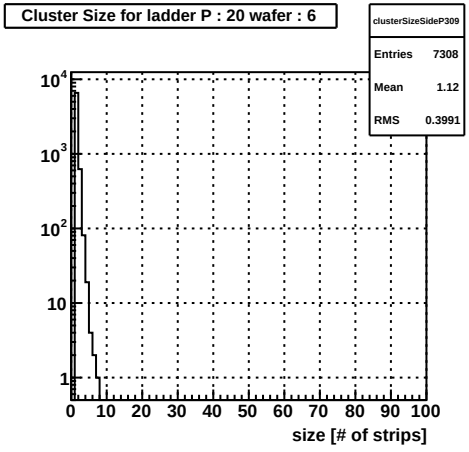

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 7431
Mean 1.085
RMS 0.3194
size [# of strips]

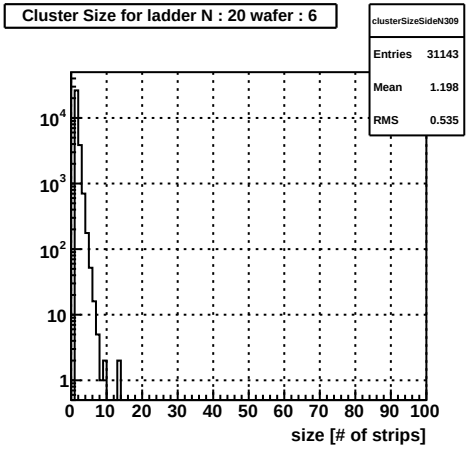

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 13292
Mean 1.315
RMS 0.6381
size [# of strips]

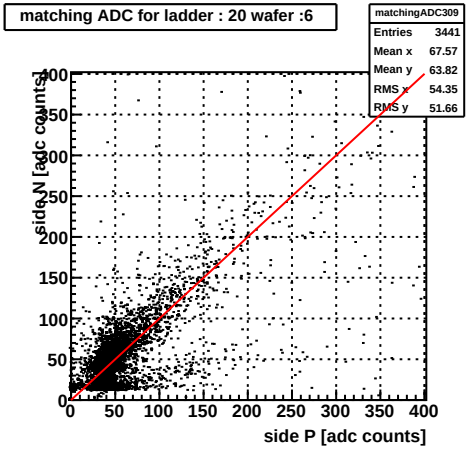

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 811
Mean x 54.73
Mean y 51.65
RMS x 46.51
RMS y 45.09
side N [adc counts]
side P [adc counts]

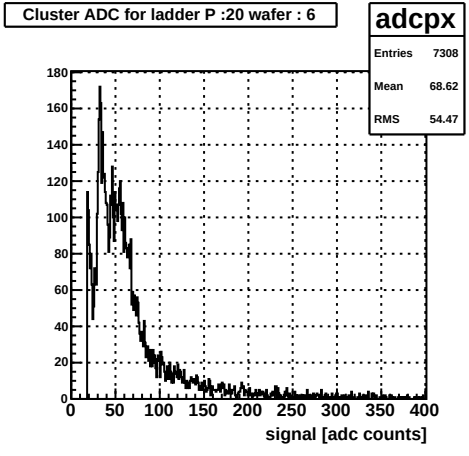

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 7431
Mean 36.9
RMS 28.3
signal [adc counts]

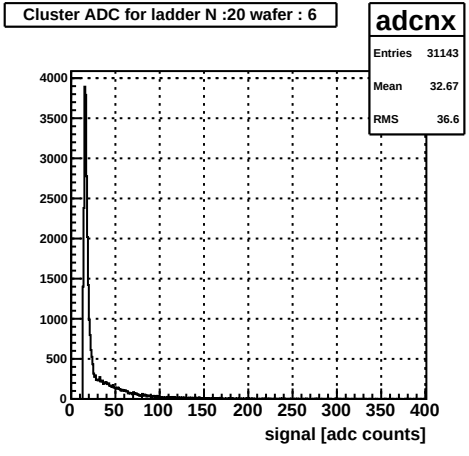

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 13292
Mean 49.15
RMS 45.41
signal [adc counts]

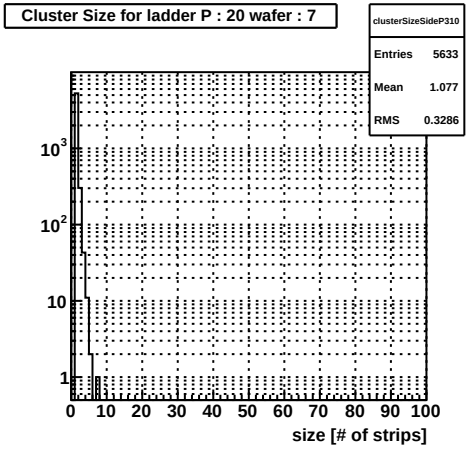

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7308
Mean 1.12
RMS 0.3991
size [# of strips]

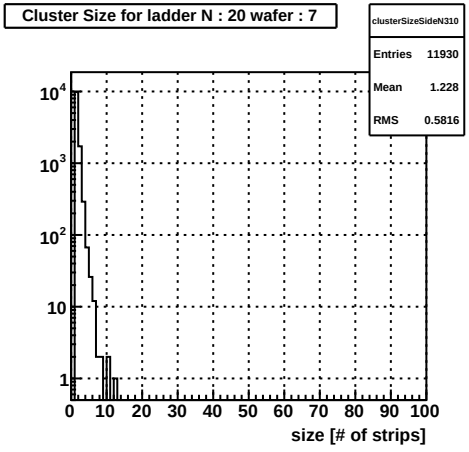

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 31143
Mean 1.198
RMS 0.535
size [# of strips]

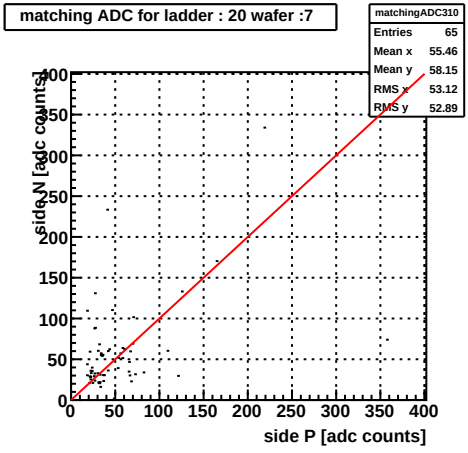

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3441
Mean x 67.57
Mean y 63.82
RMS x 54.35
RMS y 51.66
side N [adc counts]
side P [adc counts]

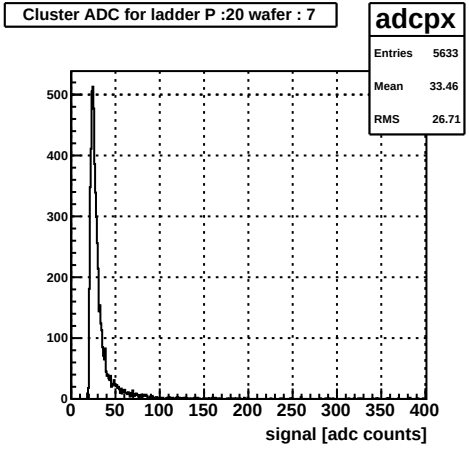

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7308
Mean 68.62
RMS 54.47
signal [adc counts]

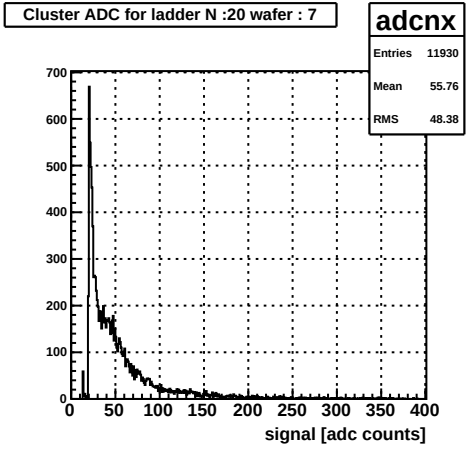

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 31143
Mean 32.67
RMS 36.6
signal [adc counts]

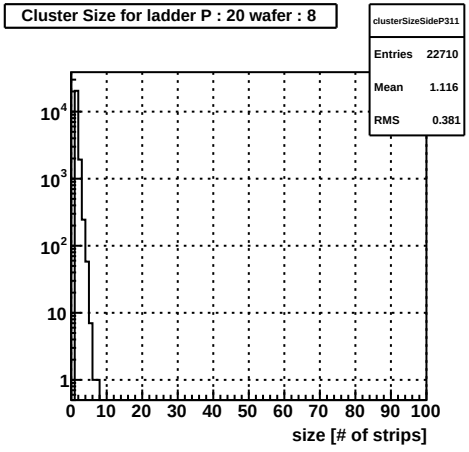

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5633
Mean 1.077
RMS 0.3286
size [# of strips]

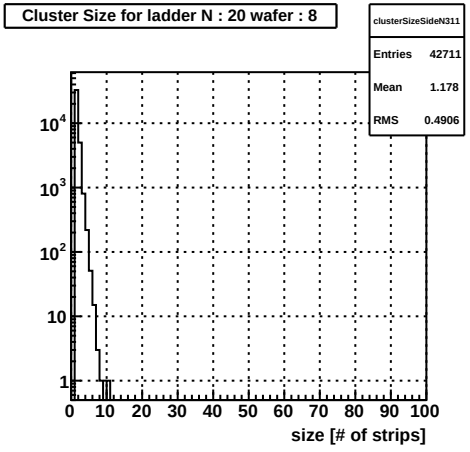

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 11930
Mean 1.228
RMS 0.5816
size [# of strips]

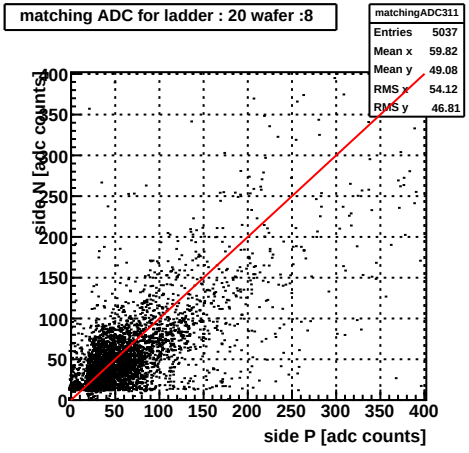

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 65
Mean x 55.46
Mean y 58.15
RMS x 53.12
RMS y 52.89
side N [adc counts]
side P [adc counts]

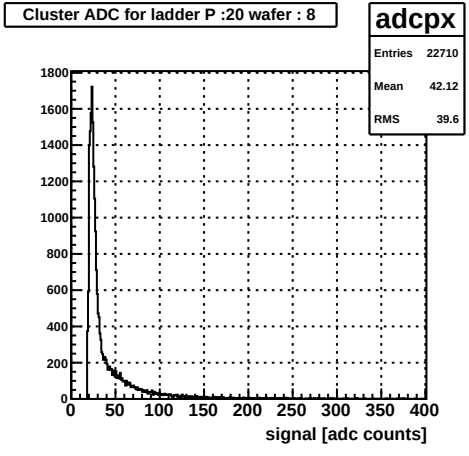

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5633
Mean 33.46
RMS 26.71
signal [adc counts]

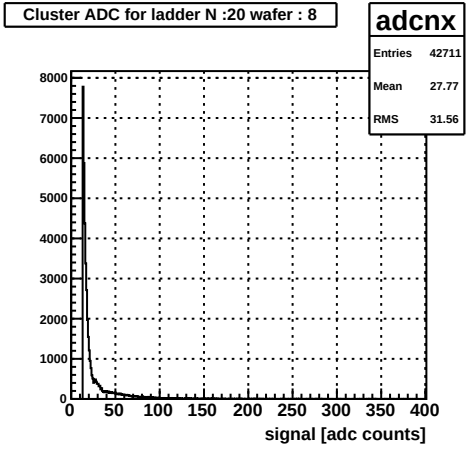

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 11930
Mean 55.76
RMS 48.38
signal [adc counts]

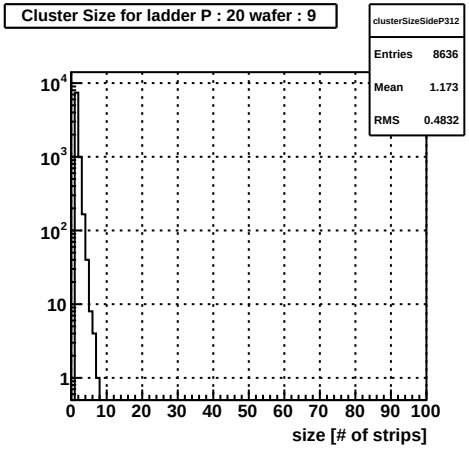

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 22710
Mean 1.116
RMS 0.381
size [# of strips]

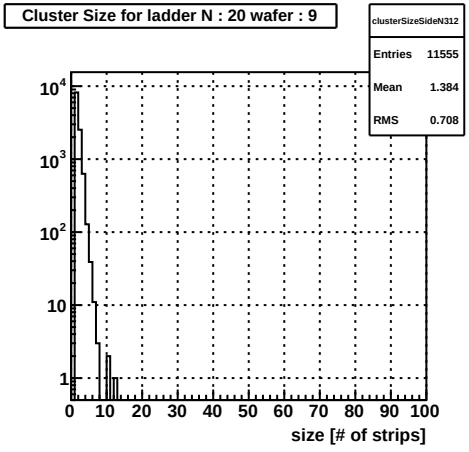

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 42711
Mean 1.178
RMS 0.4906
size [# of strips]

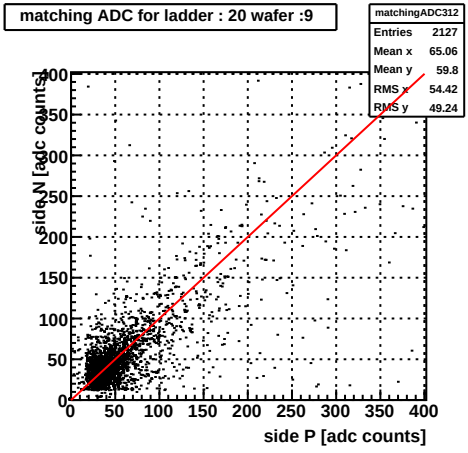

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 5037
Mean x 59.82
Mean y 49.08
RMS x 54.12
RMS y 46.81
side N [adc counts]
side P [adc counts]

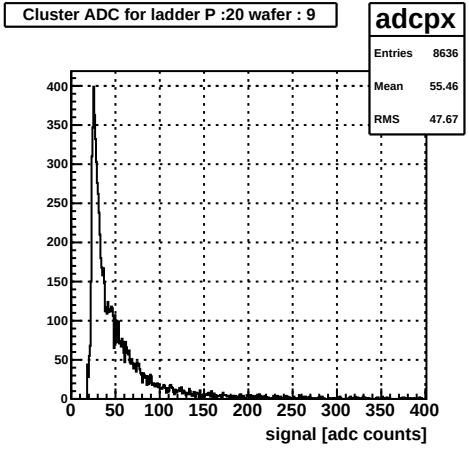

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 22710
Mean 42.12
RMS 39.6
signal [adc counts]

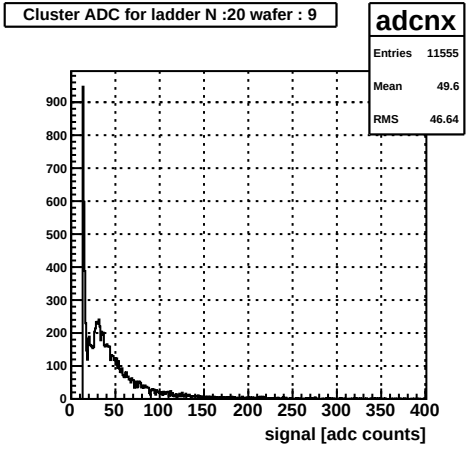

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 42711
Mean 27.77
RMS 31.56
signal [adc counts]

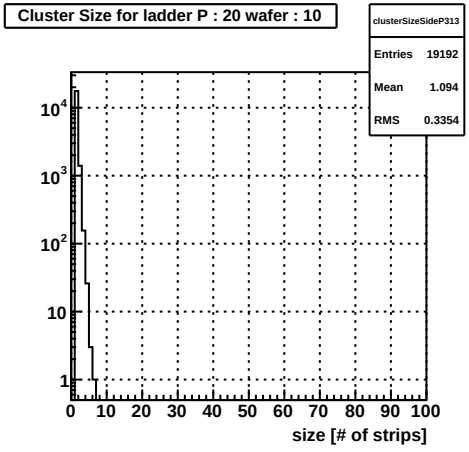

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 8636
Mean 1.173
RMS 0.4832
size [# of strips]

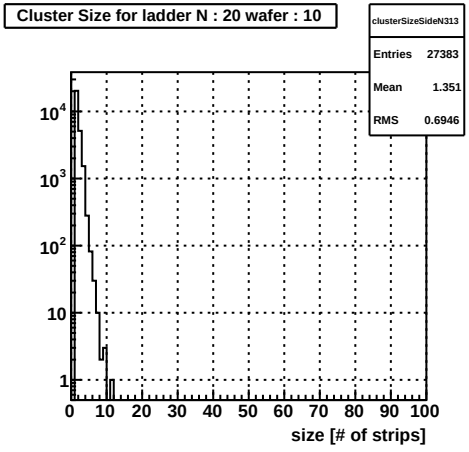

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11555
Mean 1.384
RMS 0.708
size [# of strips]

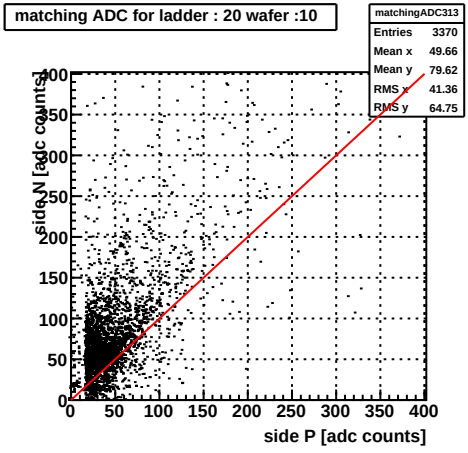

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2127
Mean x 65.06
Mean y 59.8
RMS x 54.42
RMS y 49.24
side N [adc counts]
side P [adc counts]

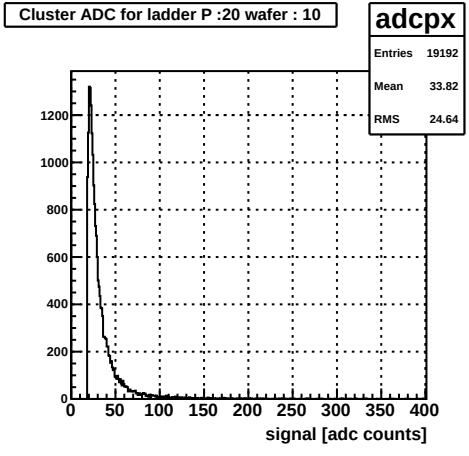

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 8636
Mean 55.46
RMS 47.67
signal [adc counts]

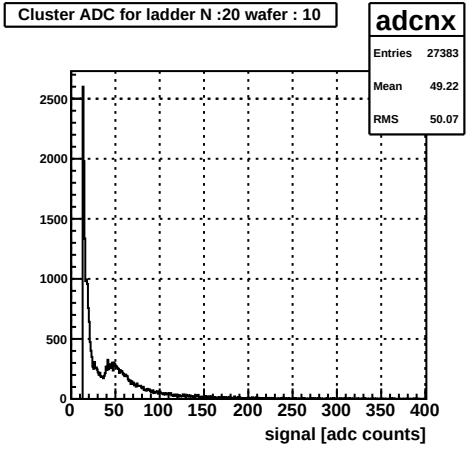

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11555
Mean 49.6
RMS 46.64
signal [adc counts]

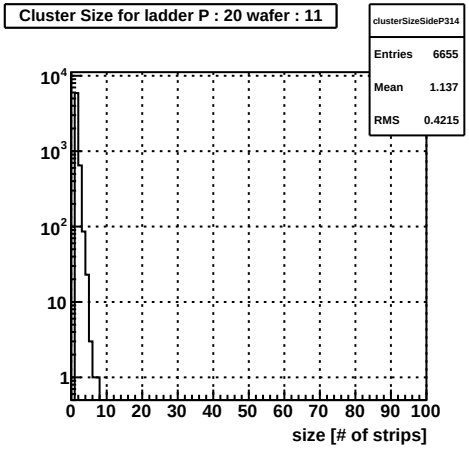

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 19192
Mean 1.094
RMS 0.3354
size [# of strips]

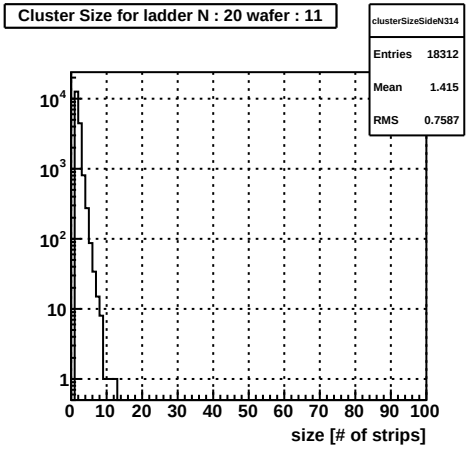

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 27383
Mean 1.351
RMS 0.6946
size [# of strips]

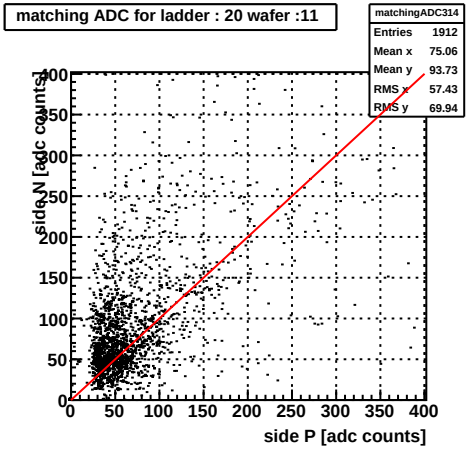

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3370
Mean x 49.66
Mean y 79.62
RMS x 41.36
RMS y 64.75
side N [adc counts]
side P [adc counts]

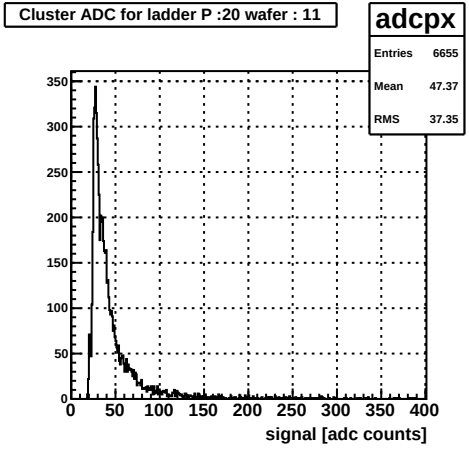

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 19192
Mean 33.82
RMS 24.64
signal [adc counts]

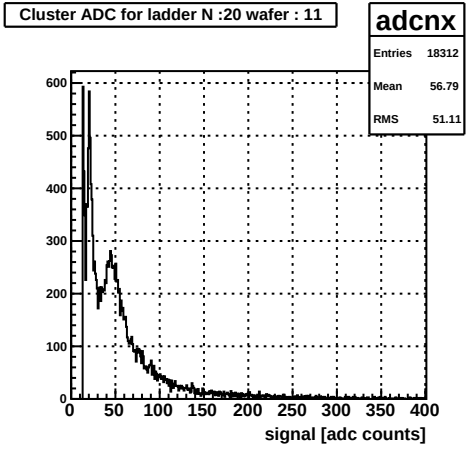

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 27383
Mean 49.22
RMS 50.07
signal [adc counts]

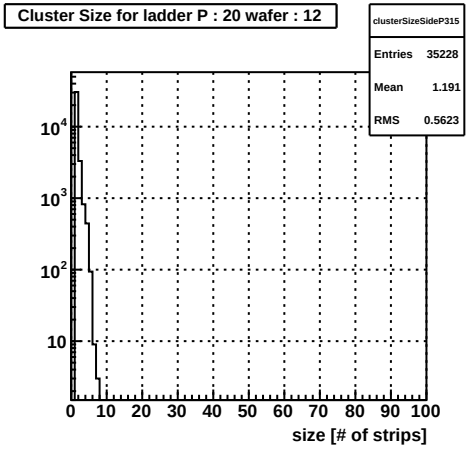

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 6655
Mean 1.137
RMS 0.4215
size [# of strips]

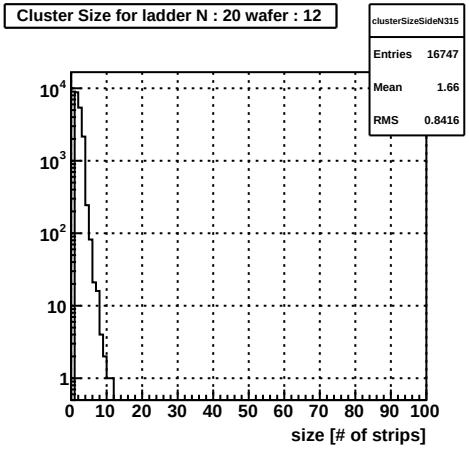

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 18312
Mean 1.415
RMS 0.7587
size [# of strips]

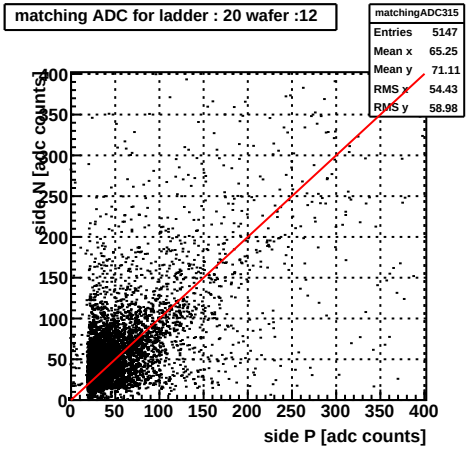

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1912
Mean x 75.06
Mean y 93.73
RMS x 57.43
RMS y 69.94
side N [adc counts]
side P [adc counts]

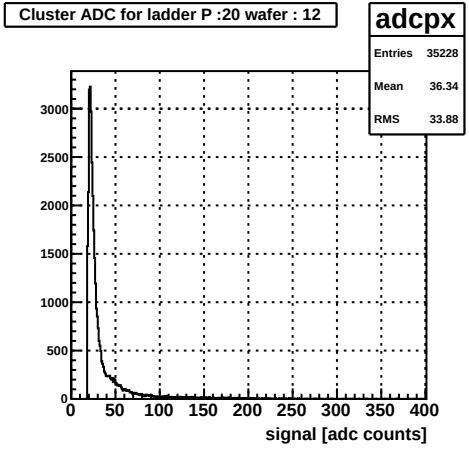

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 6655
Mean 47.37
RMS 37.35
signal [adc counts]

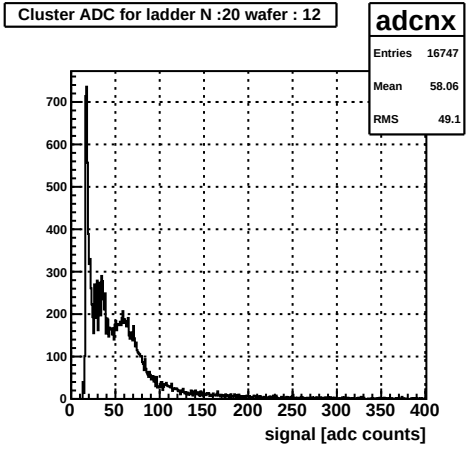

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 18312
Mean 56.79
RMS 51.11
signal [adc counts]

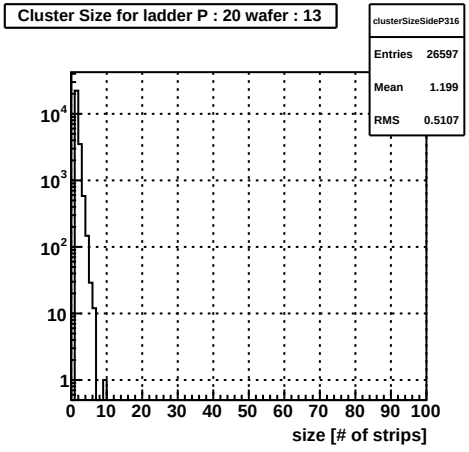

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 35228
Mean 1.191
RMS 0.5623
size [# of strips]

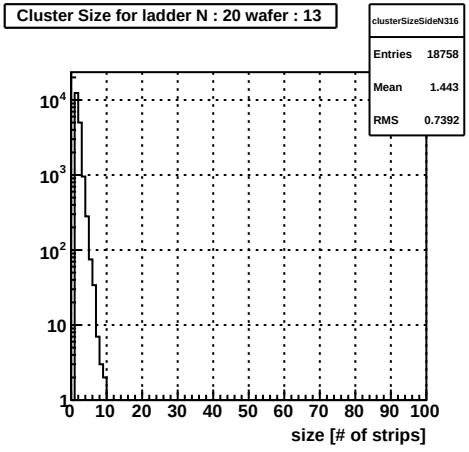

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 16747
Mean 1.66
RMS 0.8416
size [# of strips]

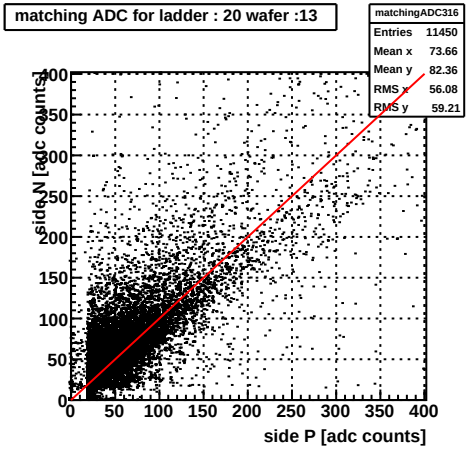

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 5147
Mean x 65.25
Mean y 71.11
RMS x 54.43
RMS y 58.98
side N [adc counts]
side P [adc counts]

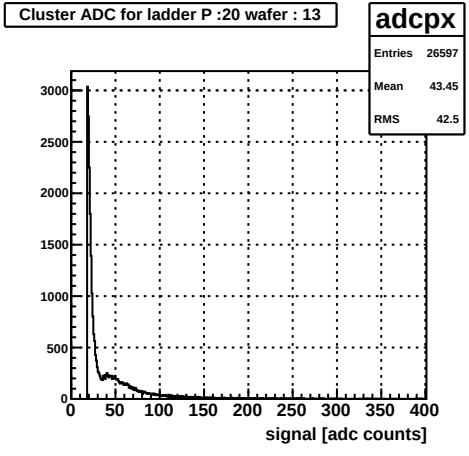

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 35228
Mean 36.34
RMS 33.88
signal [adc counts]

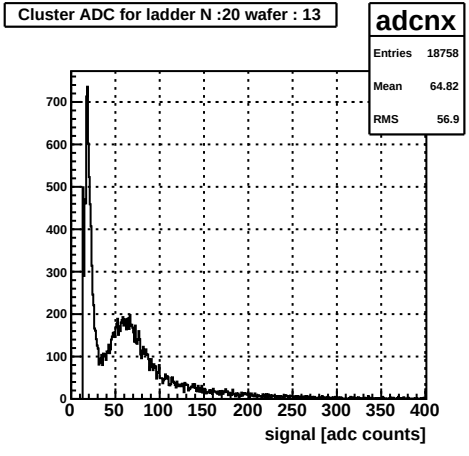

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 16747
Mean 58.06
RMS 49.1
signal [adc counts]

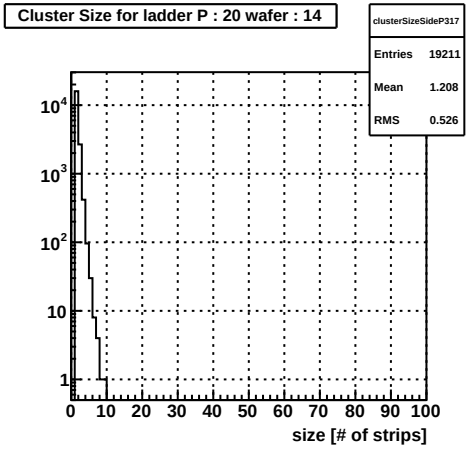

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 26597
Mean 1.199
RMS 0.5107
size [# of strips]

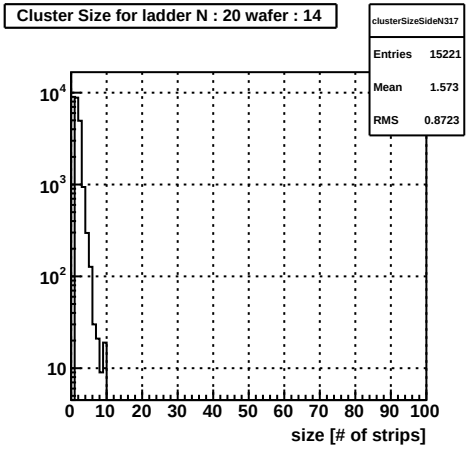

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 18758
Mean 1.443
RMS 0.7392
size [# of strips]

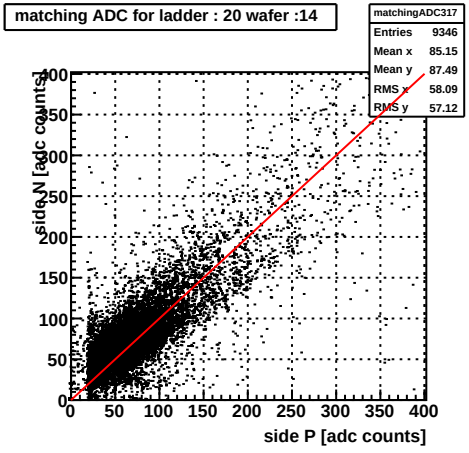

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 11450
Mean x 73.66
Mean y 82.36
RMS x 56.08
RMS y 59.21
side N [adc counts]
side P [adc counts]

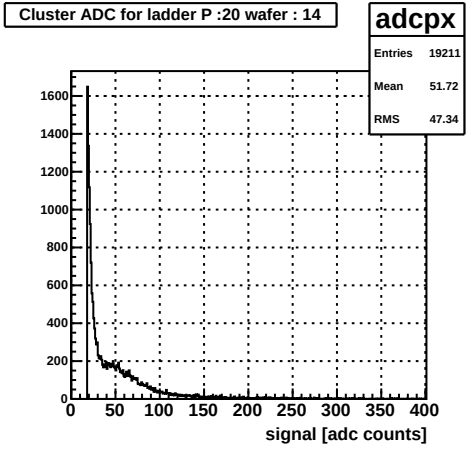

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 26597
Mean 43.45
RMS 42.5
signal [adc counts]

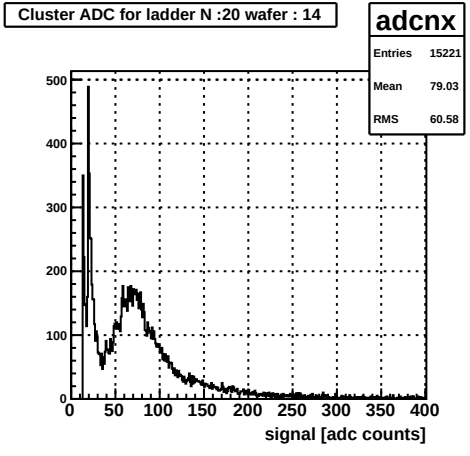

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 18758
Mean 64.82
RMS 56.9
signal [adc counts]

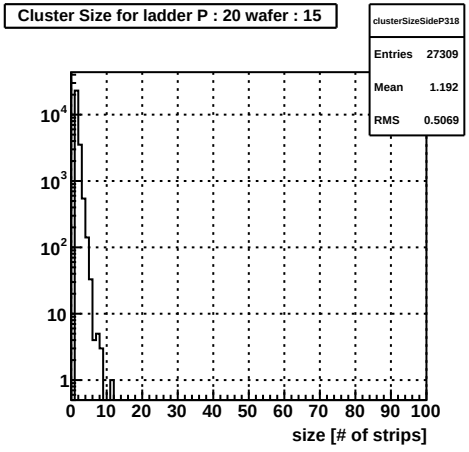

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 19211
Mean 1.208
RMS 0.526
size [# of strips]

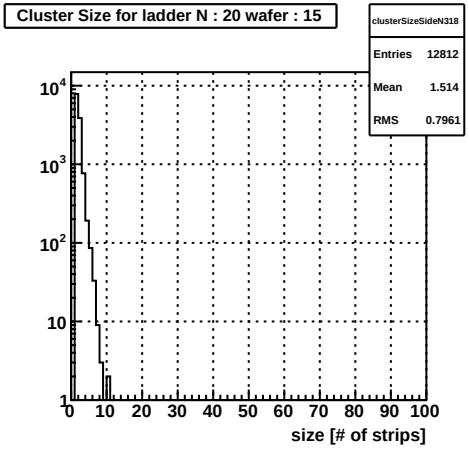

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15221
Mean 1.573
RMS 0.8723
size [# of strips]

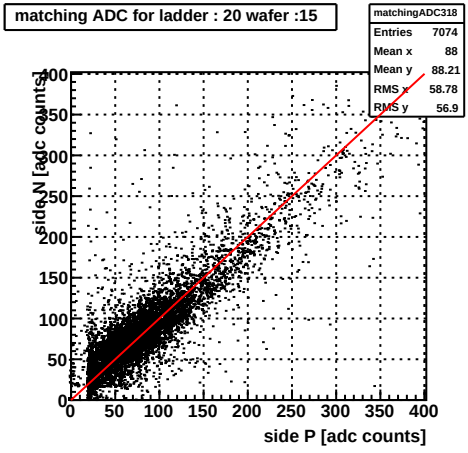

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 9346
Mean x 85.15
Mean y 87.49
RMS x 58.09
RMS y 57.12
side N [adc counts]
side P [adc counts]

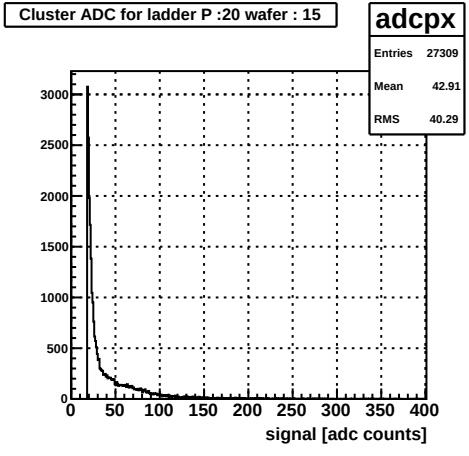

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 19211
Mean 51.72
RMS 47.34
signal [adc counts]

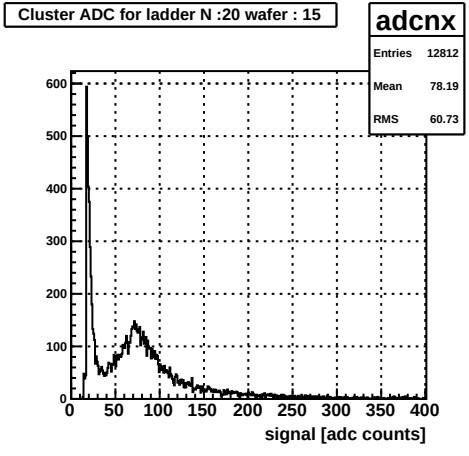

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15221
Mean 79.03
RMS 60.58
signal [adc counts]

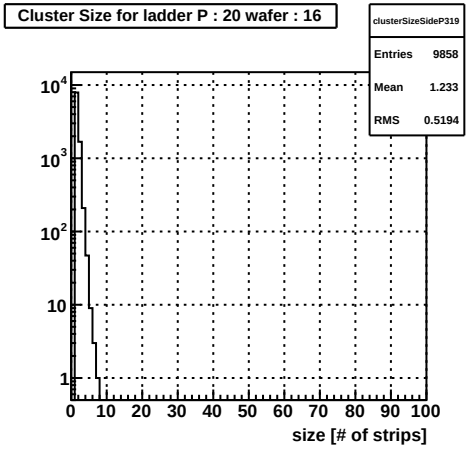

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 27309
Mean 1.192
RMS 0.5069
size [# of strips]

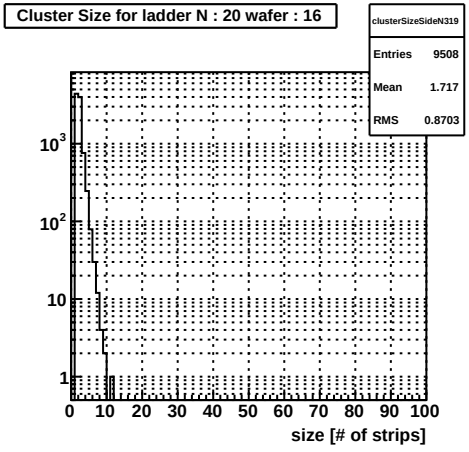

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 12812
Mean 1.514
RMS 0.7961
size [# of strips]

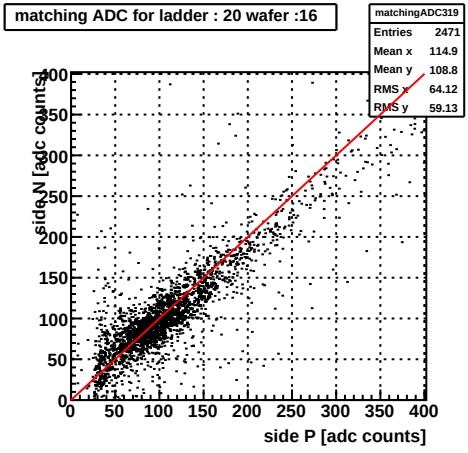

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7074
Mean x 88
Mean y 88.21
RMS x 58.78
RMS y 56.9
side N [adc counts]
side P [adc counts]

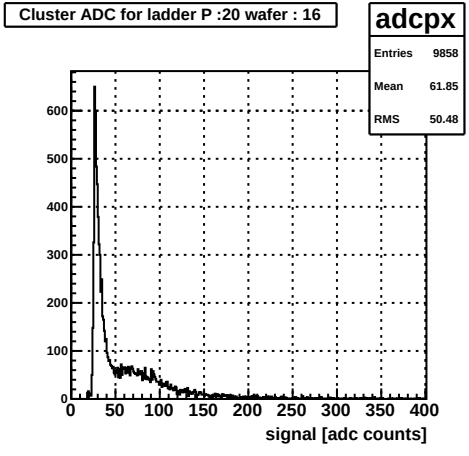

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 27309
Mean 42.91
RMS 40.29
signal [adc counts]

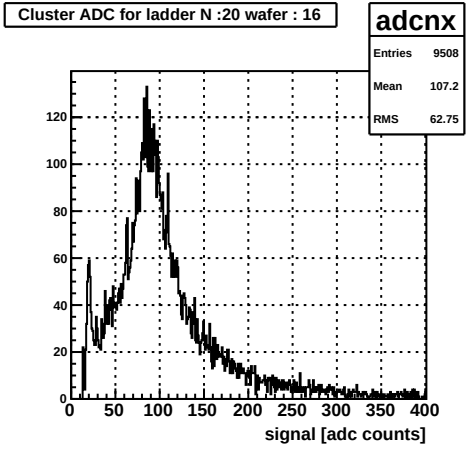

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 12812
Mean 78.19
RMS 60.73
signal [adc counts]

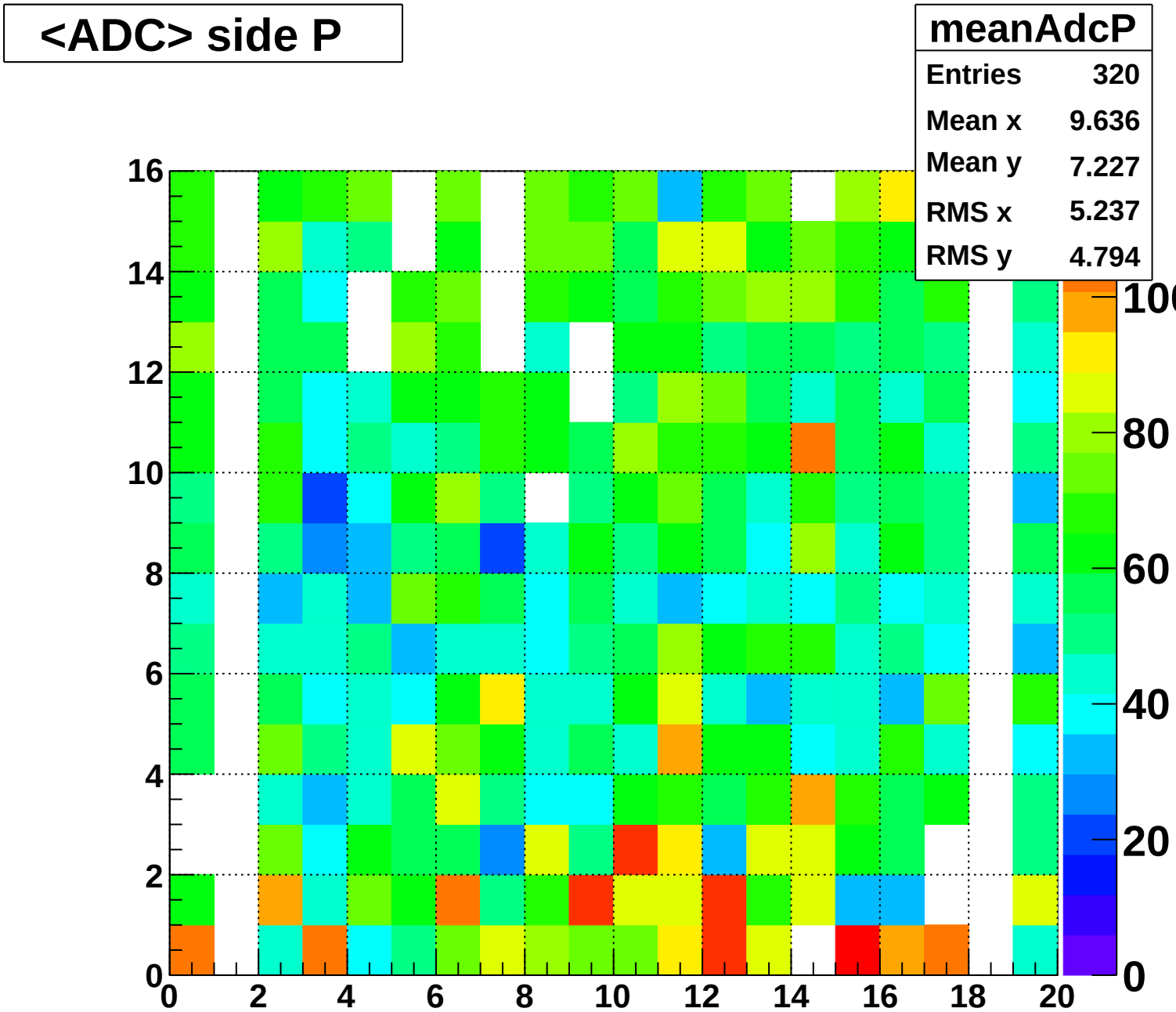

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9858
Mean 1.233
RMS 0.5194
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 9508
Mean 1.717
RMS 0.8703
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2471
Mean x 114.9
Mean y 108.8
RMS x 64.12
RMS y 59.13
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9858
Mean 61.85
RMS 50.48
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 9508
Mean 107.2
RMS 62.75
signal [adc counts]



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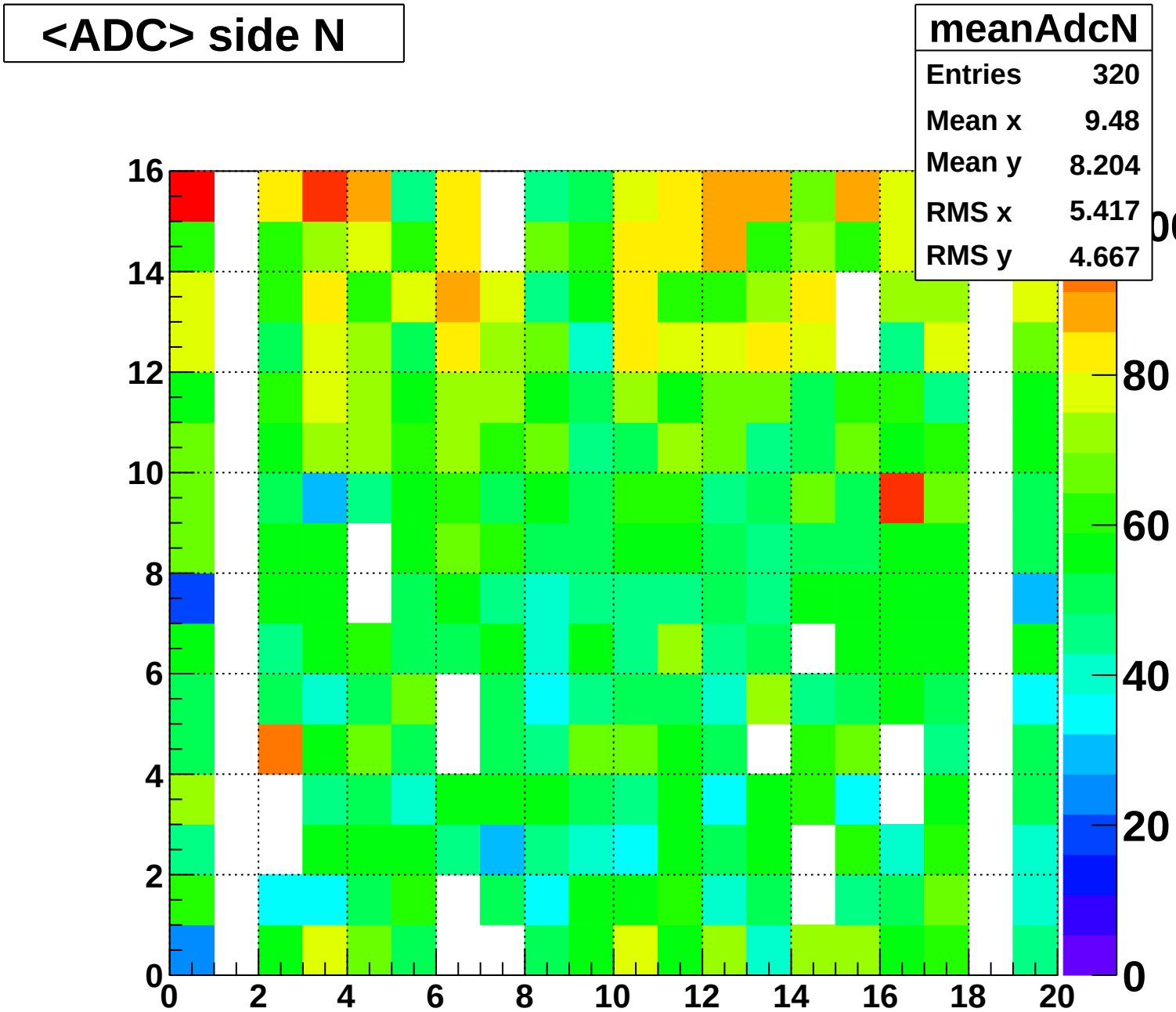

2016-06-24 05:39:32