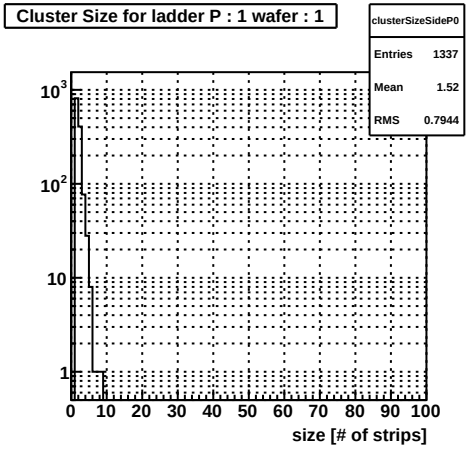
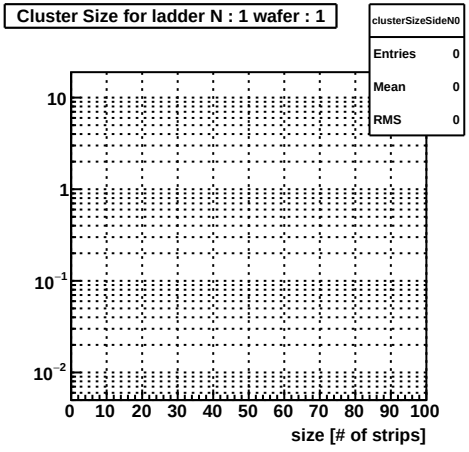
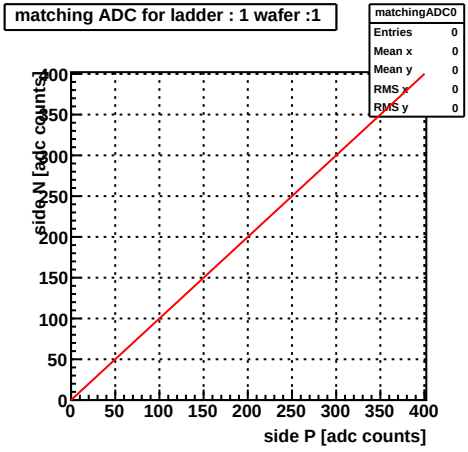
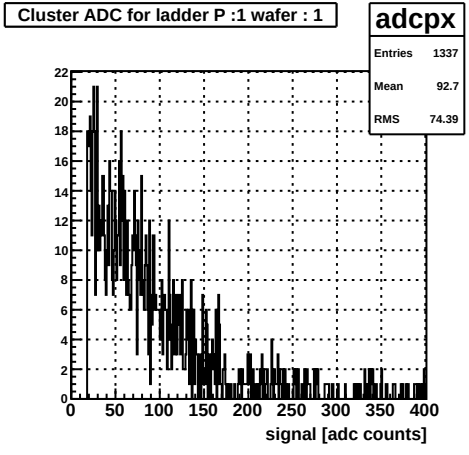
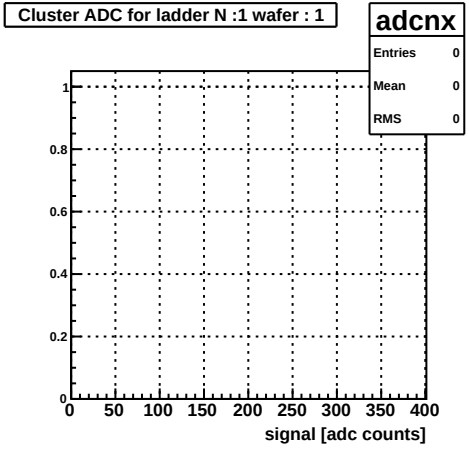
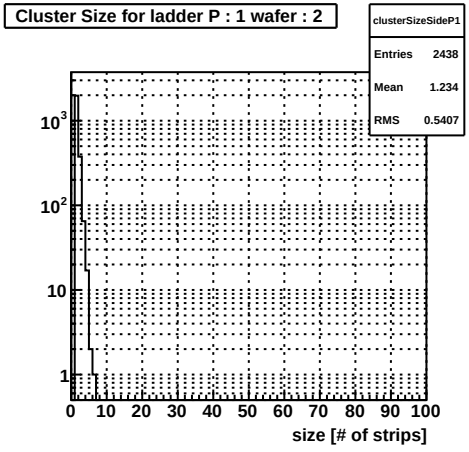

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1337
Mean 1.52
RMS 0.7944
size [# of strips]

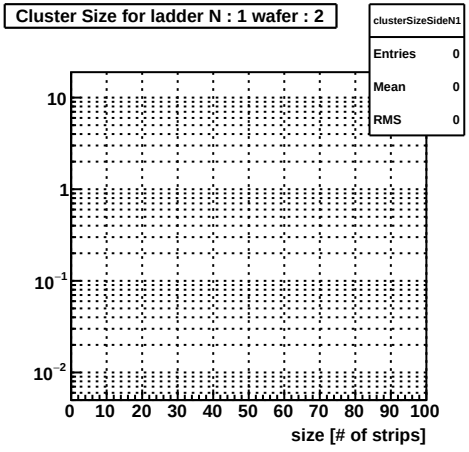

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

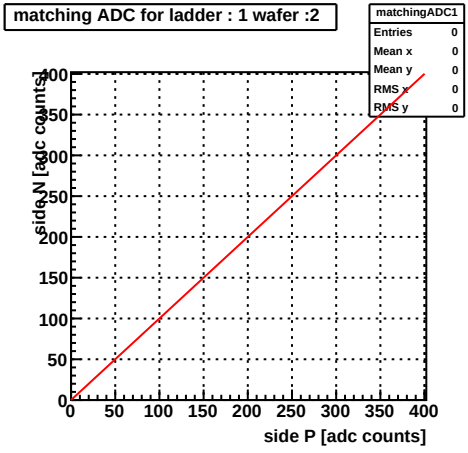

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

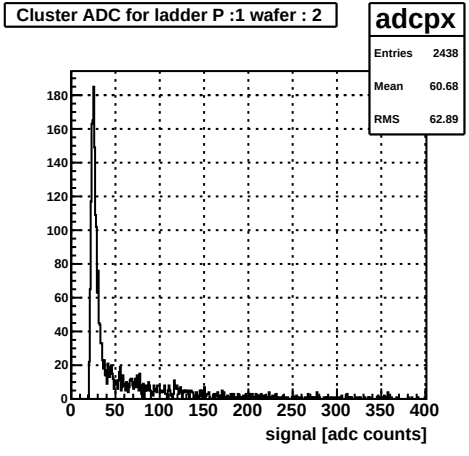

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1337
Mean 92.7
RMS 74.39
signal [adc counts]

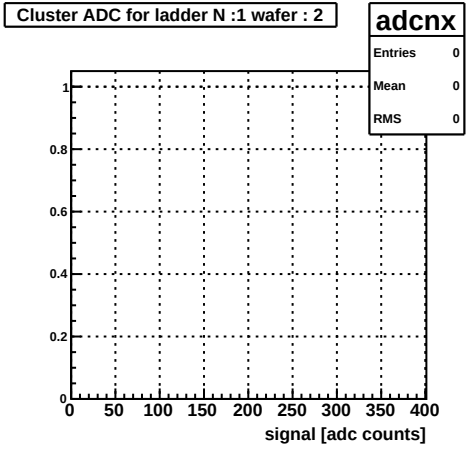

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

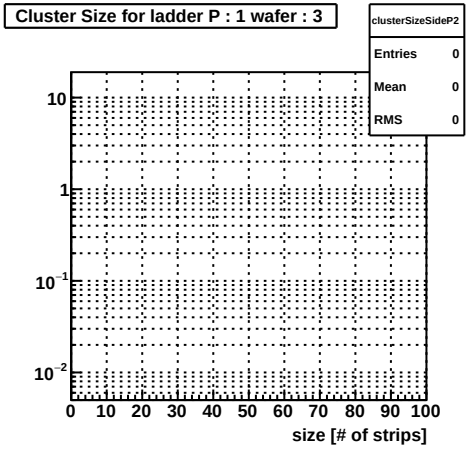

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2438
Mean 1.234
RMS 0.5407
size [# of strips]

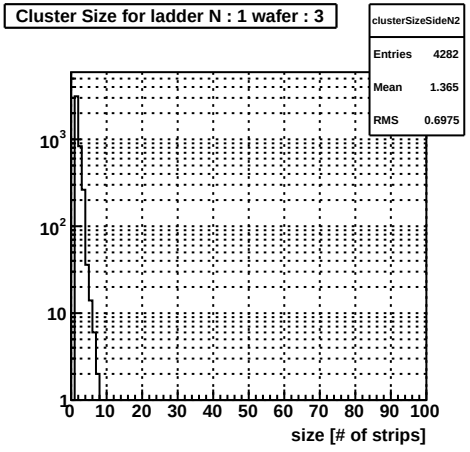

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

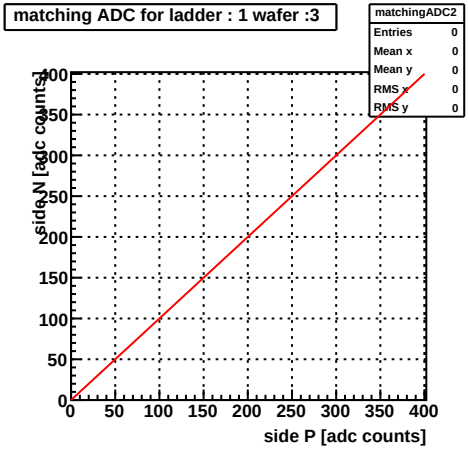

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

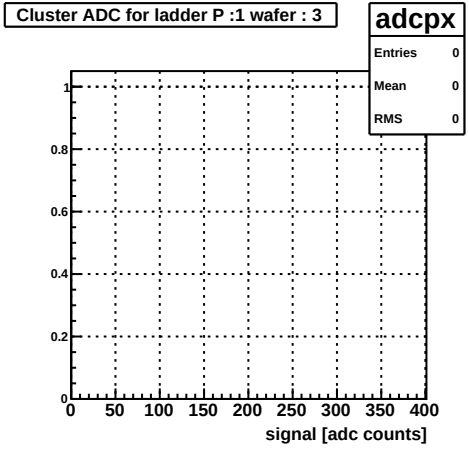

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2438
Mean 60.68
RMS 62.89
signal [adc counts]

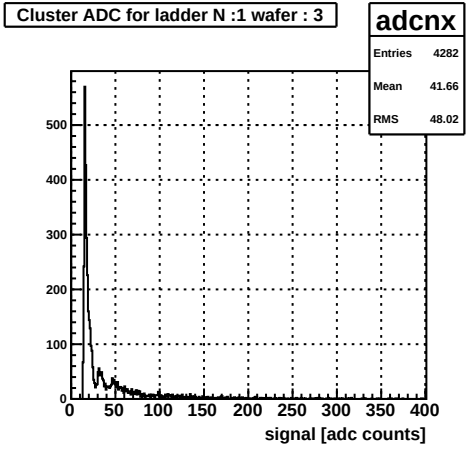

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

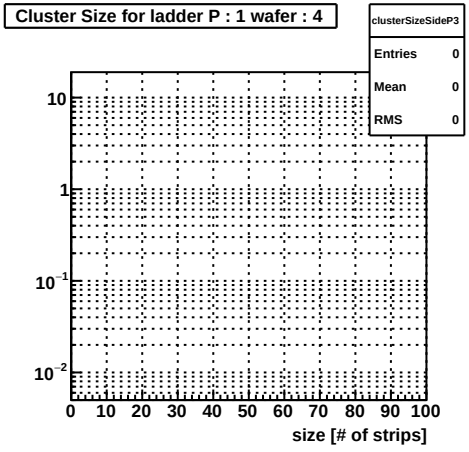

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

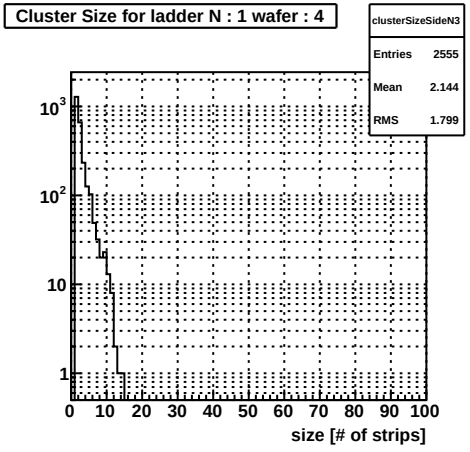

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4282
Mean 1.365
RMS 0.6975
size [# of strips]

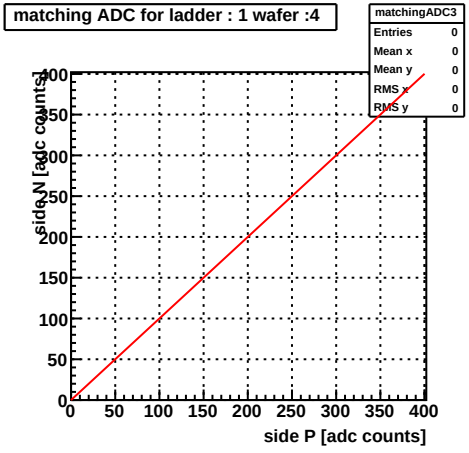

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

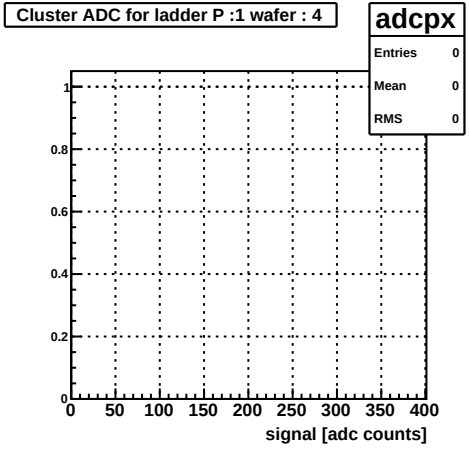

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

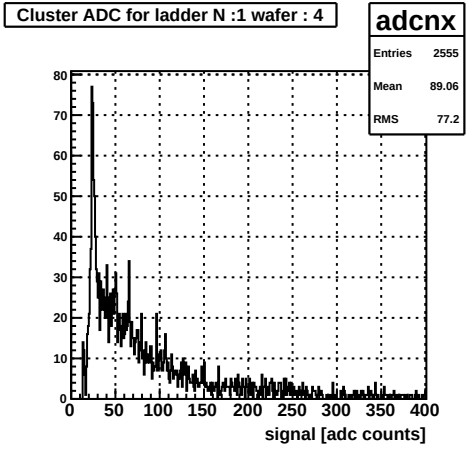

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4282
Mean 41.66
RMS 48.02
signal [adc counts]

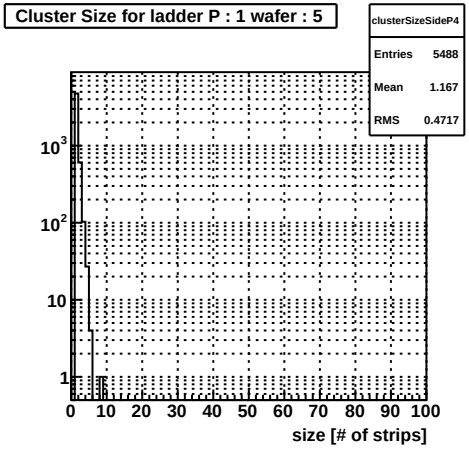

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

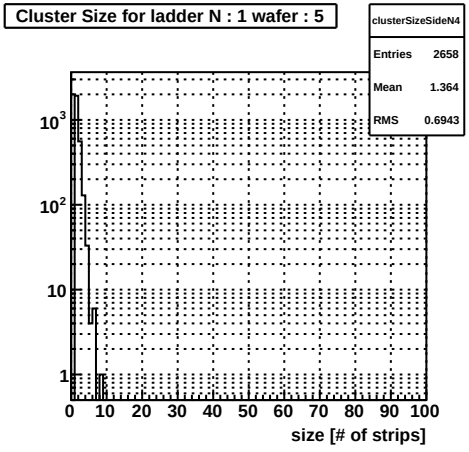

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2555
Mean 2.144
RMS 1.799
size [# of strips]

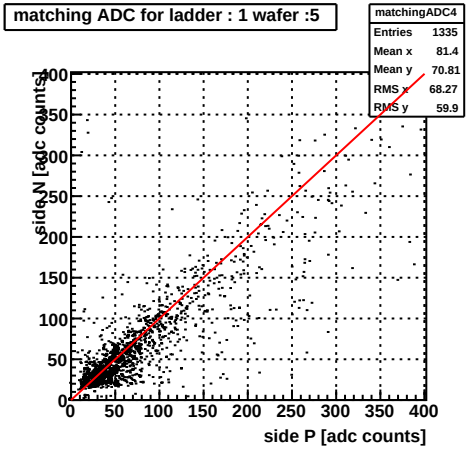

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

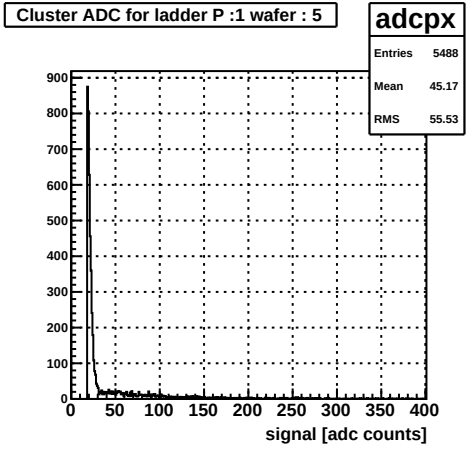

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

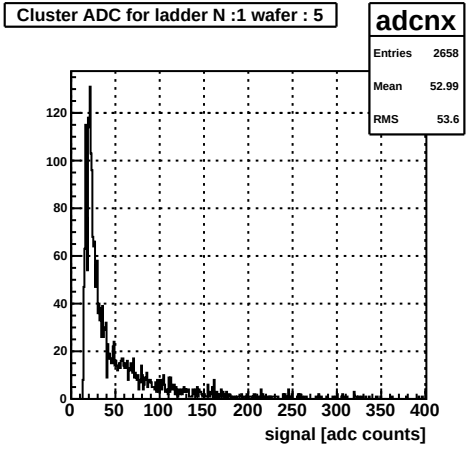

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2555
Mean 89.06
RMS 77.2
signal [adc counts]

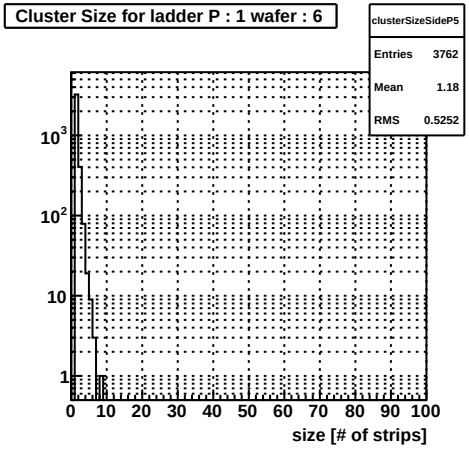

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 5488
Mean 1.167
RMS 0.4717
size [# of strips]

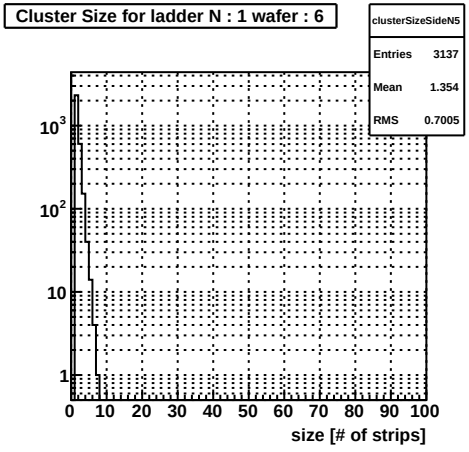

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2658
Mean 1.364
RMS 0.6943
size [# of strips]

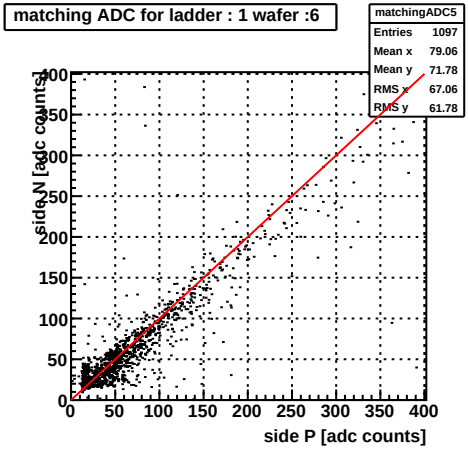

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1335
Mean x 81.4
Mean y 70.81
RMS x 68.27
RMS y 59.9
side N [adc counts]
side P [adc counts]

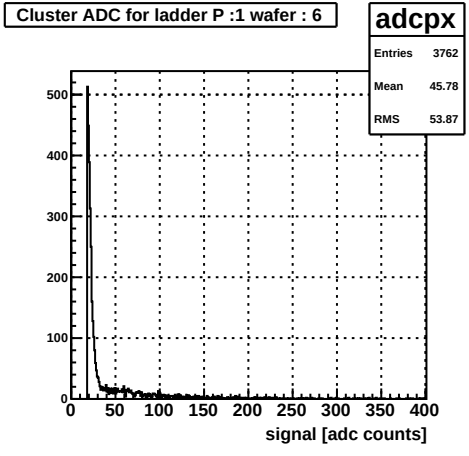

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 5488
Mean 45.17
RMS 55.53
signal [adc counts]

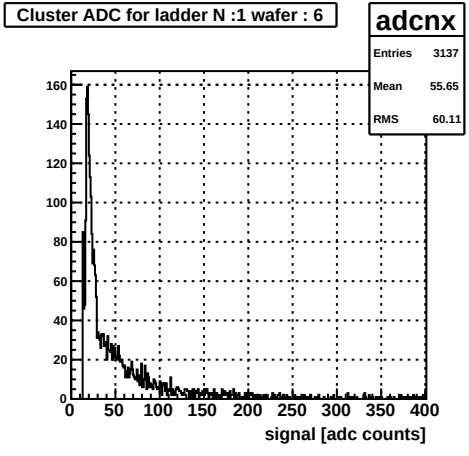

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2658
Mean 52.99
RMS 53.6
signal [adc counts]

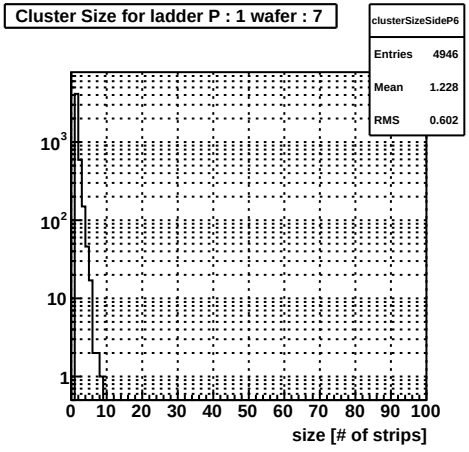

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 3762
Mean 1.18
RMS 0.5252
size [# of strips]

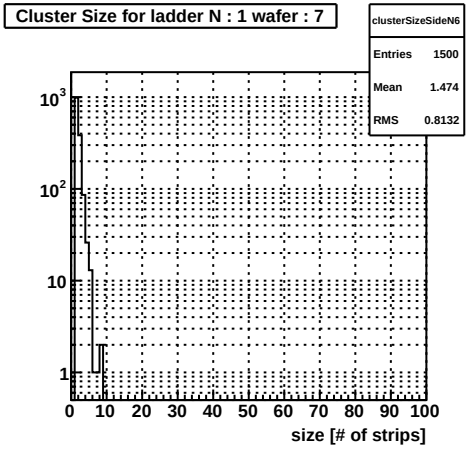

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3137
Mean 1.354
RMS 0.7005
size [# of strips]

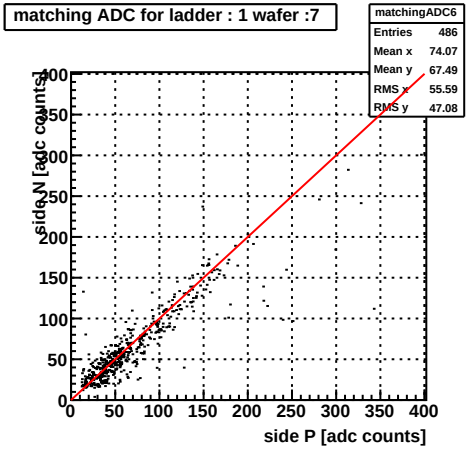

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1097
Mean x 79.06
Mean y 71.78
RMS x 67.06
RMS y 61.78
side N [adc counts]
side P [adc counts]

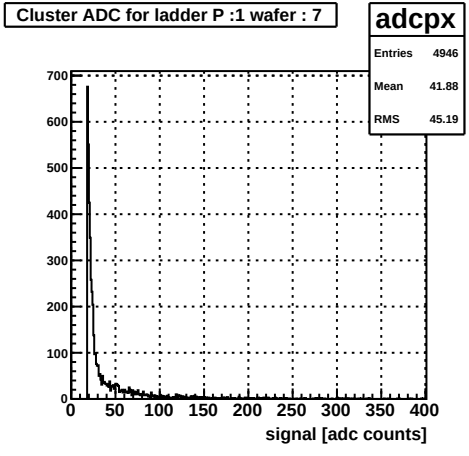

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 3762
Mean 45.78
RMS 53.87
signal [adc counts]

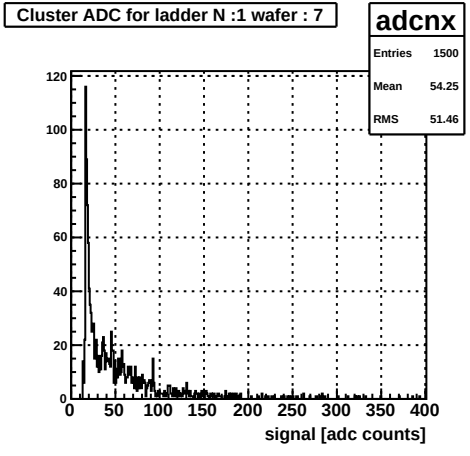

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3137
Mean 55.65
RMS 60.11
signal [adc counts]

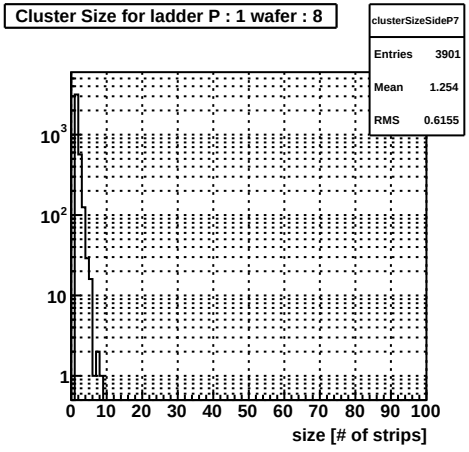

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 4946
Mean 1.228
RMS 0.602
size [# of strips]

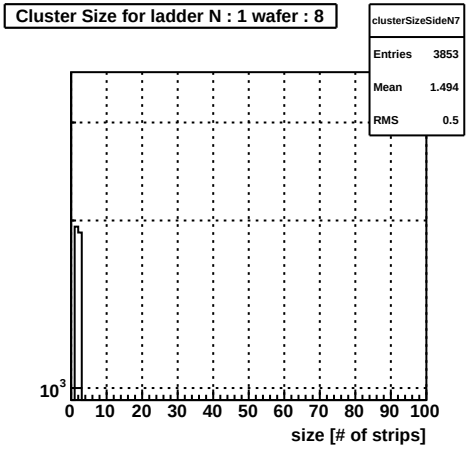

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1500
Mean 1.474
RMS 0.8132
size [# of strips]

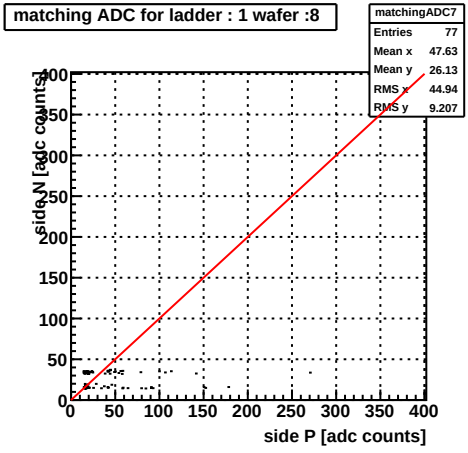

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 486
Mean x 74.07
Mean y 67.49
RMS x 55.59
RMS y 47.08
side N [adc counts]
side P [adc counts]

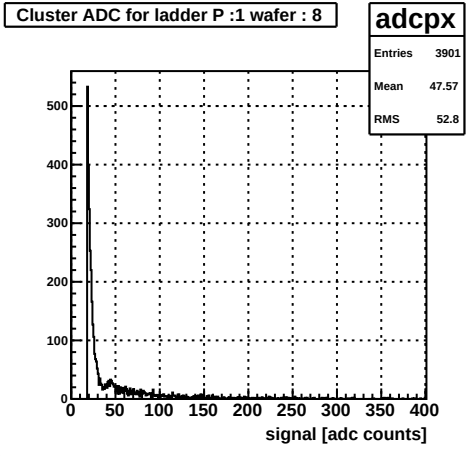

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 4946
Mean 41.88
RMS 45.19
signal [adc counts]

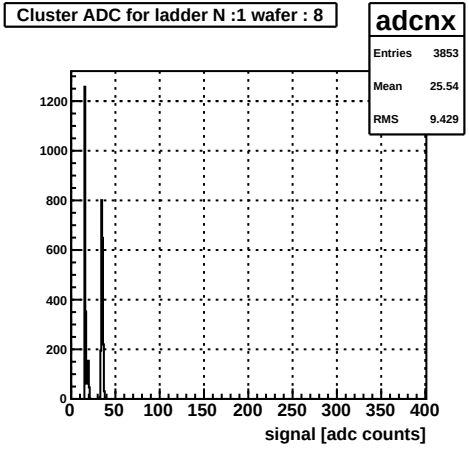

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1500
Mean 54.25
RMS 51.46
signal [adc counts]

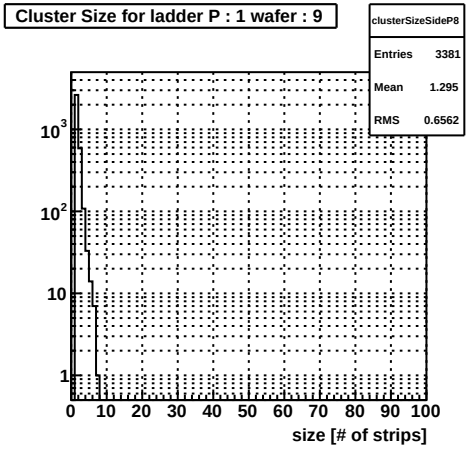

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3901
Mean 1.254
RMS 0.6155
size [# of strips]

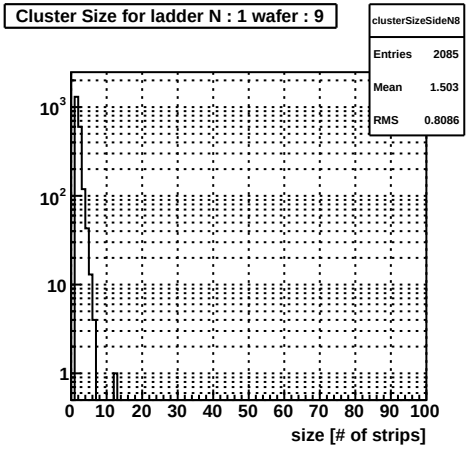

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3853
Mean 1.494
RMS 0.5
size [# of strips]

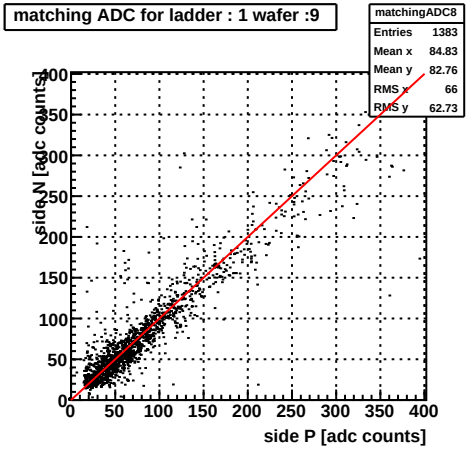

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 77
Mean x 47.63
Mean y 26.13
RMS x 44.94
RMS y 9.207
side N [adc counts]
side P [adc counts]

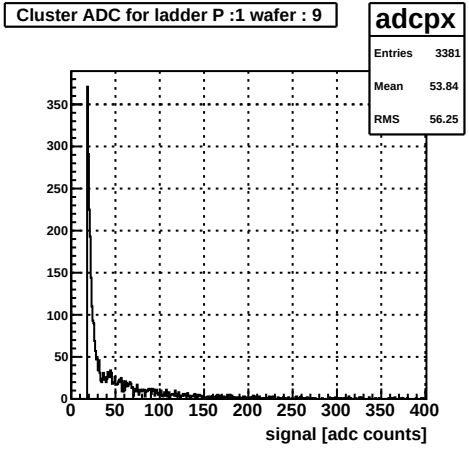

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3901
Mean 47.57
RMS 52.8
signal [adc counts]

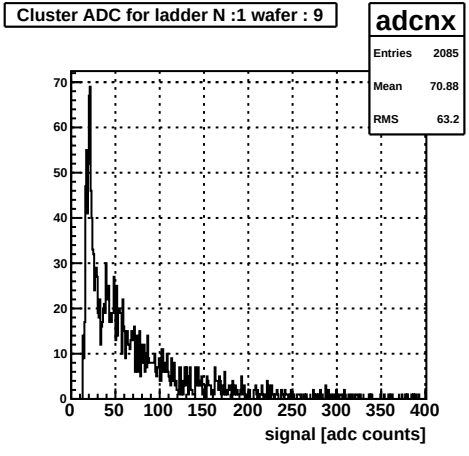

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3853
Mean 25.54
RMS 9.429
signal [adc counts]

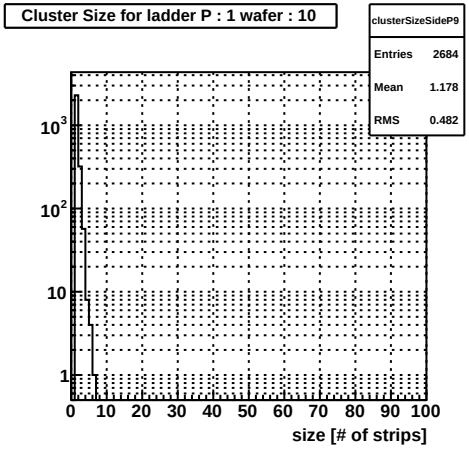

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3381
Mean 1.295
RMS 0.6562
size [# of strips]

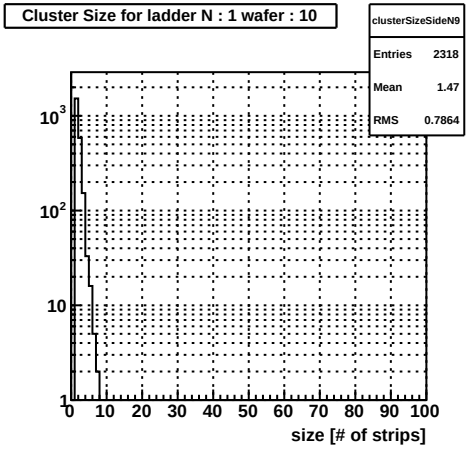

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2085
Mean 1.503
RMS 0.8086
size [# of strips]

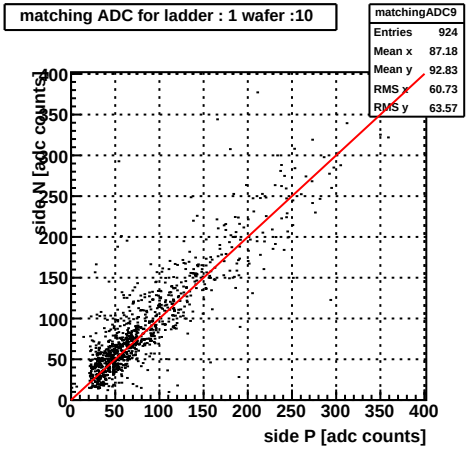

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1383
Mean x 84.83
Mean y 82.76
RMS x 66
RMS y 62.73
side N [adc counts]
side P [adc counts]

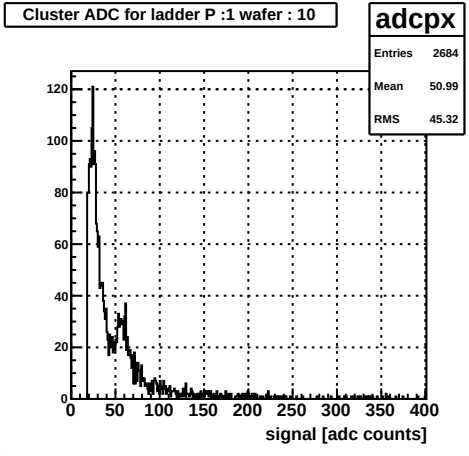

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3381
Mean 53.84
RMS 56.25
signal [adc counts]

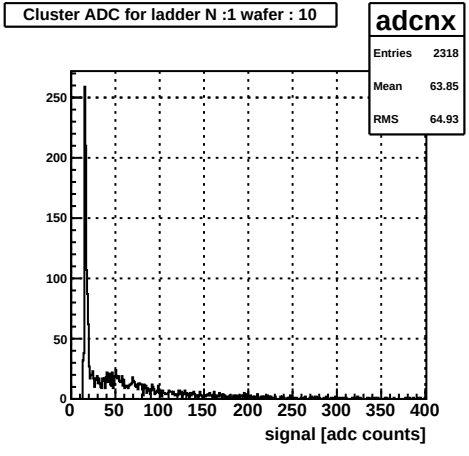

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2085
Mean 70.88
RMS 63.2
signal [adc counts]

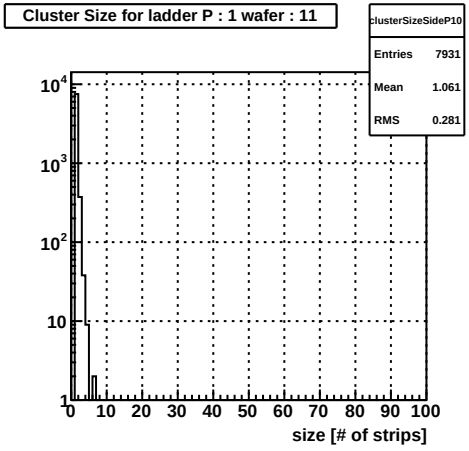

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2684
Mean 1.178
RMS 0.482
size [# of strips]

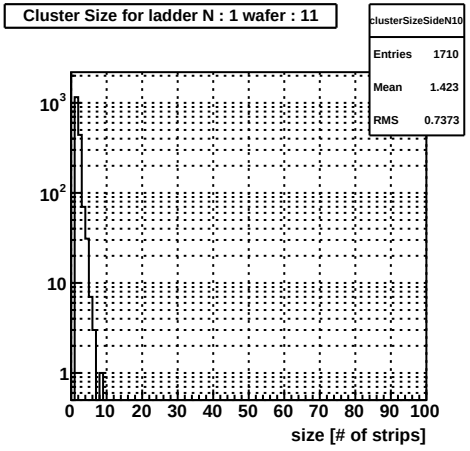

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2318
Mean 1.47
RMS 0.7864
size [# of strips]

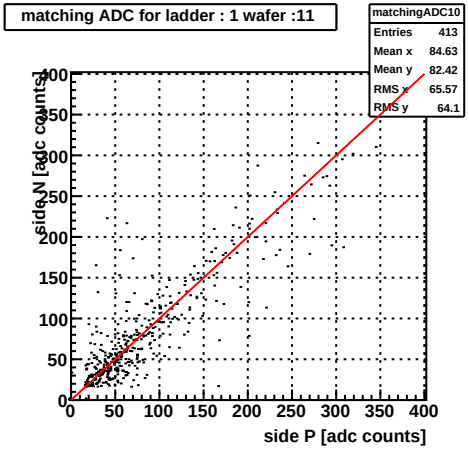

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 924
Mean x 87.18
Mean y 92.83
RMS x 60.73
RMS y 63.57
side N [adc counts]
side P [adc counts]

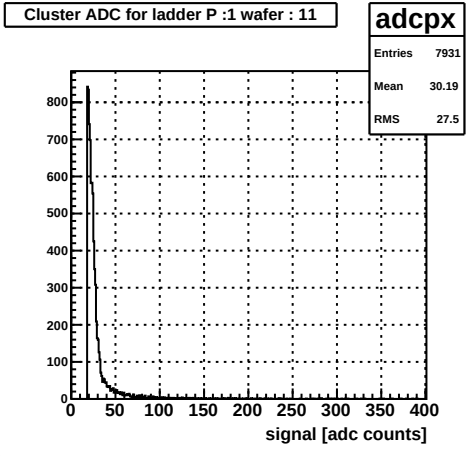

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2684
Mean 50.99
RMS 45.32
signal [adc counts]

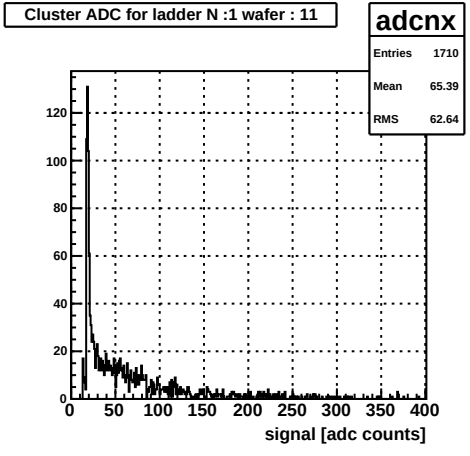

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2318
Mean 63.85
RMS 64.93
signal [adc counts]

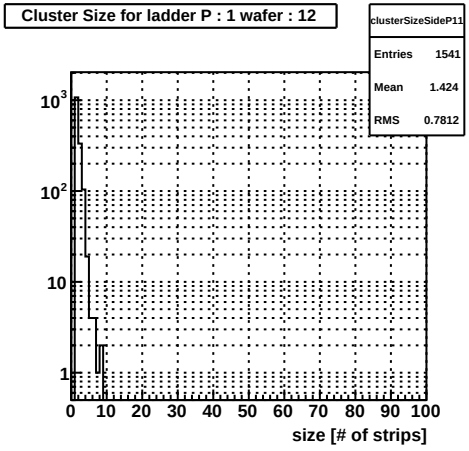

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7931
Mean 1.061
RMS 0.281
size [# of strips]

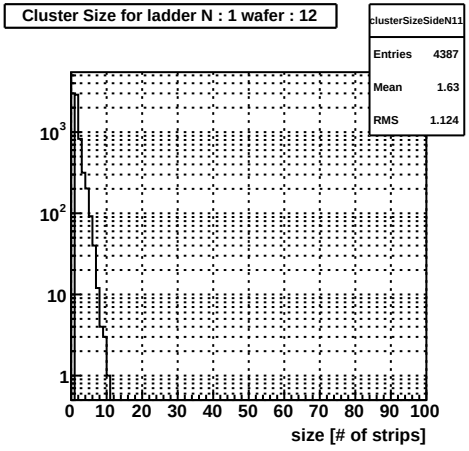

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1710
Mean 1.423
RMS 0.7373
size [# of strips]

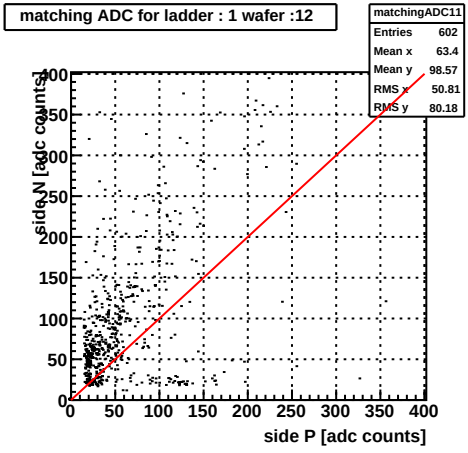

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 413
Mean x 84.63
Mean y 82.42
RMS x 65.57
RMS y 64.1
side N [adc counts]
side P [adc counts]

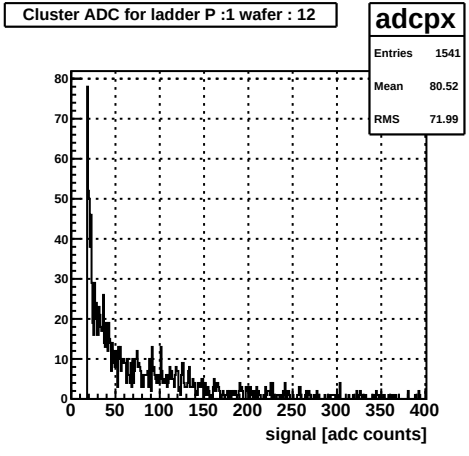

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7931
Mean 30.19
RMS 27.5
signal [adc counts]

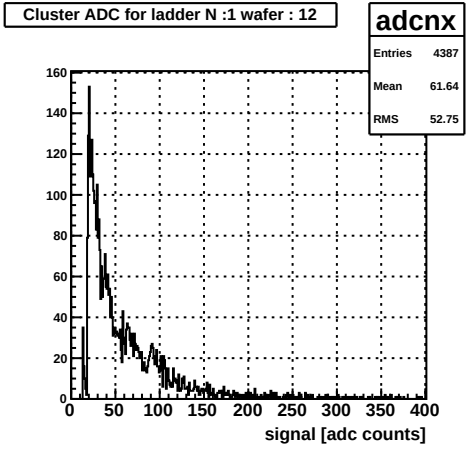

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1710
Mean 65.39
RMS 62.64
signal [adc counts]

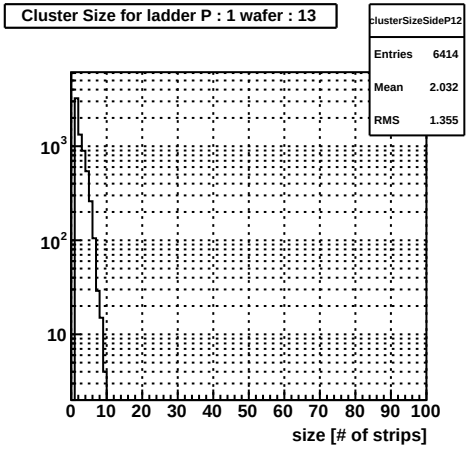

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1541
Mean 1.424
RMS 0.7812
size [# of strips]

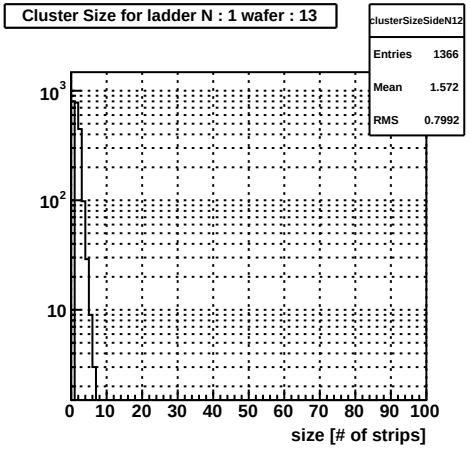

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 4387
Mean 1.63
RMS 1.124
size [# of strips]

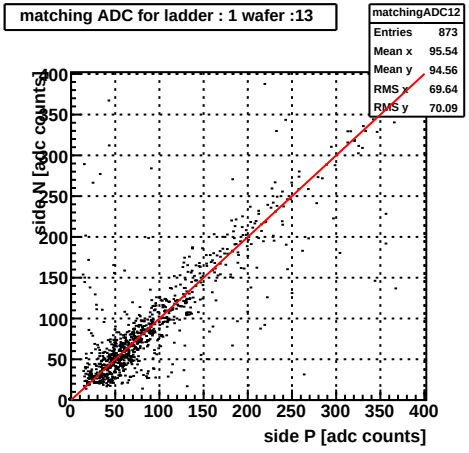

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 602
Mean x 63.4
Mean y 98.57
RMS x 50.81
RMS y 80.18
side N [adc counts]
side P [adc counts]

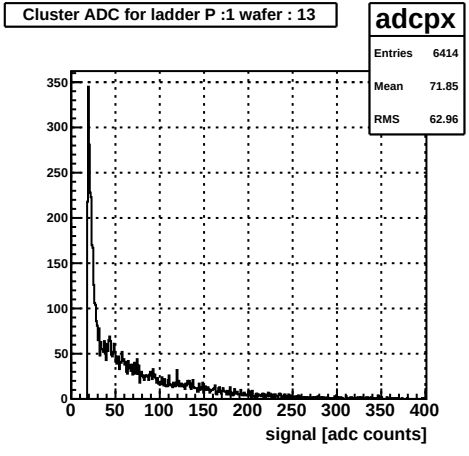

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1541
Mean 80.52
RMS 71.99
signal [adc counts]

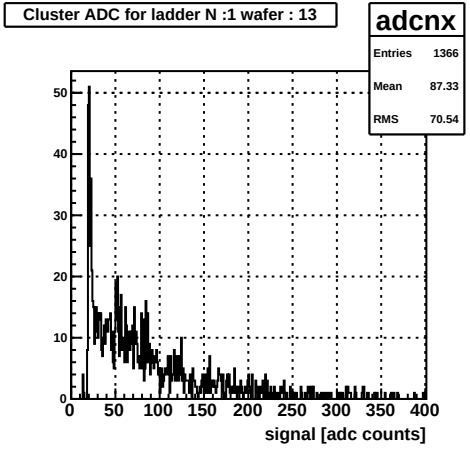

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 4387
Mean 61.64
RMS 52.75
signal [adc counts]

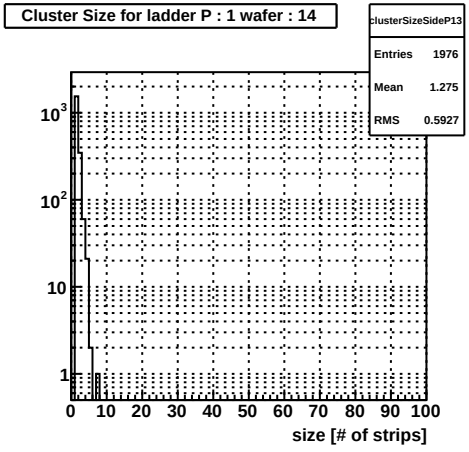

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 6414
Mean 2.032
RMS 1.355
size [# of strips]

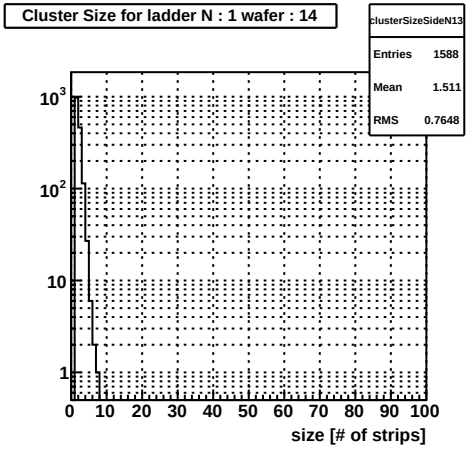

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1366
Mean 1.572
RMS 0.7992
size [# of strips]

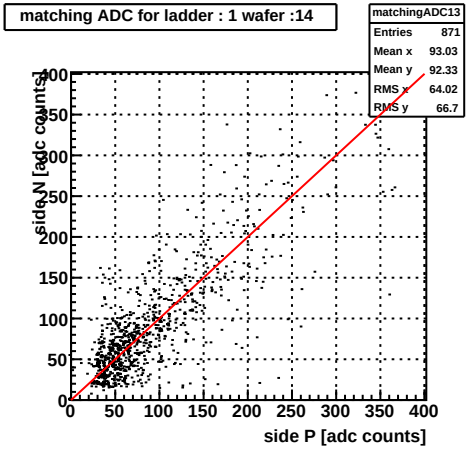

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 873
Mean x 95.54
Mean y 94.56
RMS x 69.64
RMS y 70.09
side N [adc counts]
side P [adc counts]

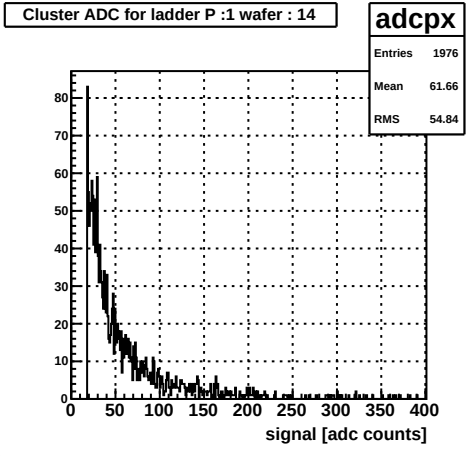

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 6414
Mean 71.85
RMS 62.96
signal [adc counts]

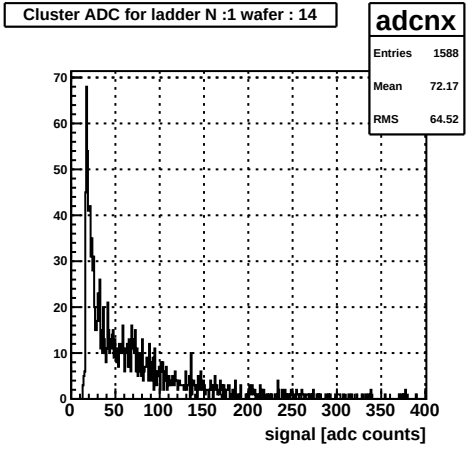

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1366
Mean 87.33
RMS 70.54
signal [adc counts]

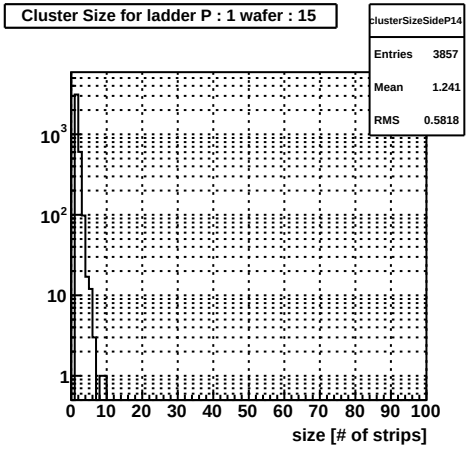

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1976
Mean 1.275
RMS 0.5927
size [# of strips]

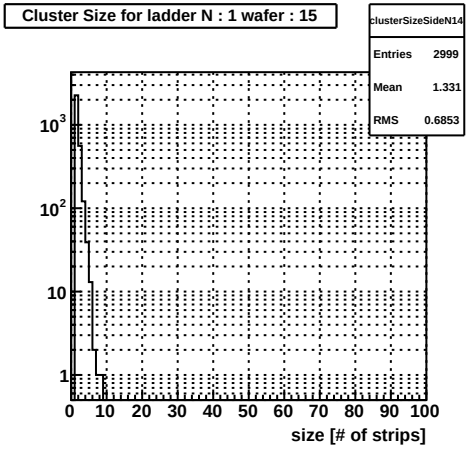

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1588
Mean 1.511
RMS 0.7648
size [# of strips]

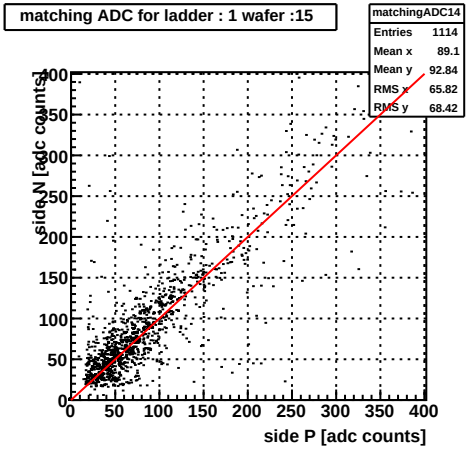

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 871
Mean x 93.03
Mean y 92.33
RMS x 64.02
RMS y 66.7
side N [adc counts]
side P [adc counts]

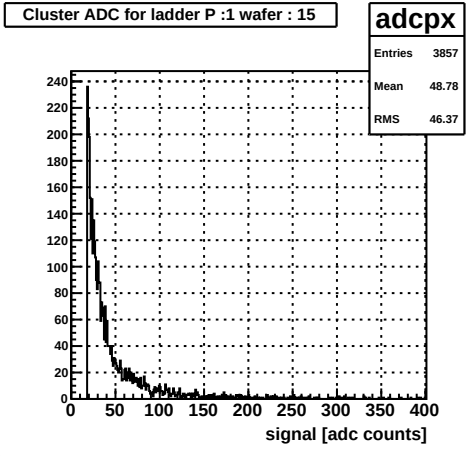

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1976
Mean 61.66
RMS 54.84
signal [adc counts]

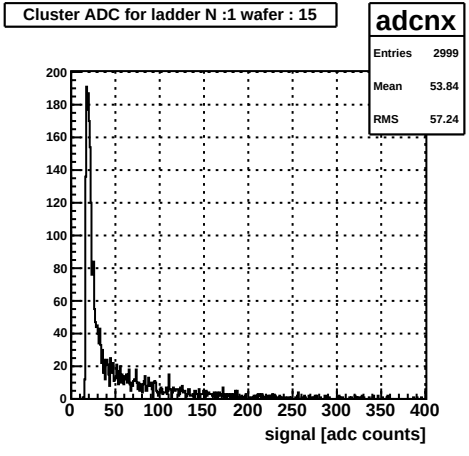

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1588
Mean 72.17
RMS 64.52
signal [adc counts]

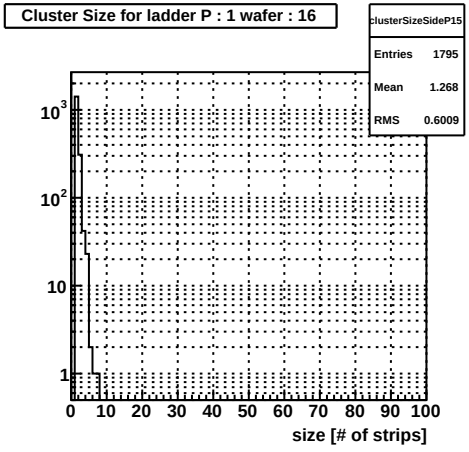

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3857
Mean 1.241
RMS 0.5818
size [# of strips]

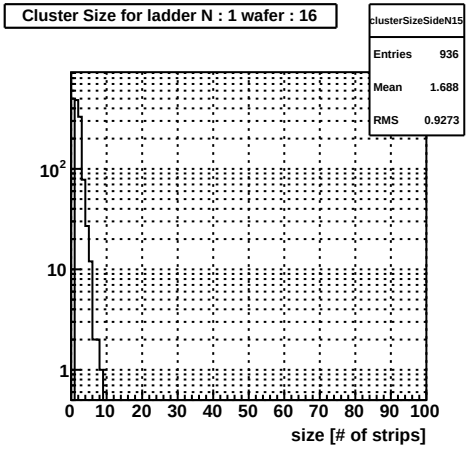

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2999
Mean 1.331
RMS 0.6853
size [# of strips]

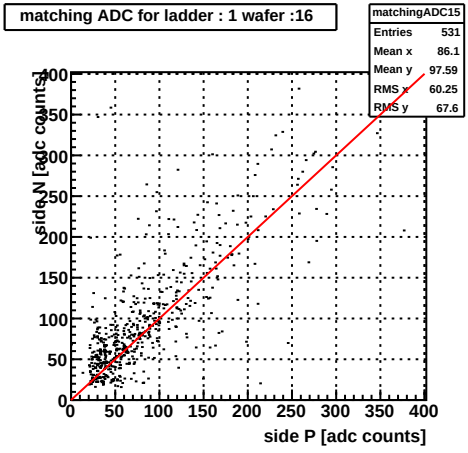

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1114
Mean x 89.1
Mean y 92.84
RMS x 65.82
RMS y 68.42
side N [adc counts]
side P [adc counts]

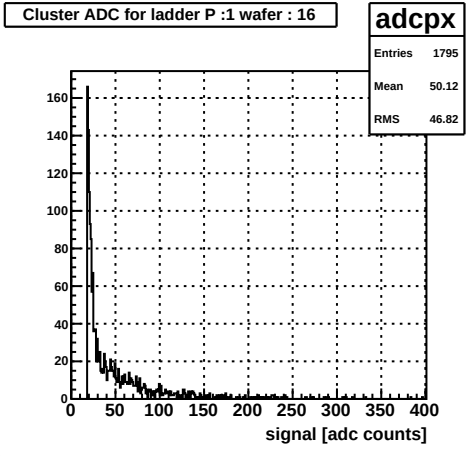

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3857
Mean 48.78
RMS 46.37
signal [adc counts]

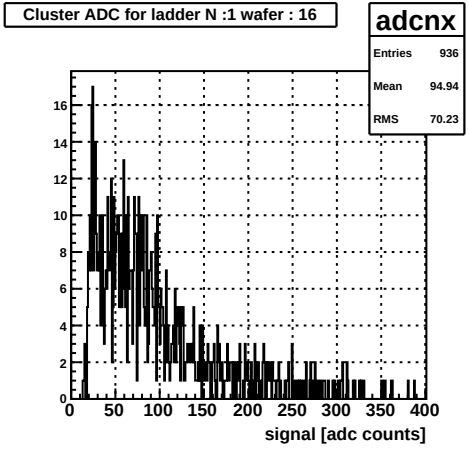

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2999
Mean 53.84
RMS 57.24
signal [adc counts]

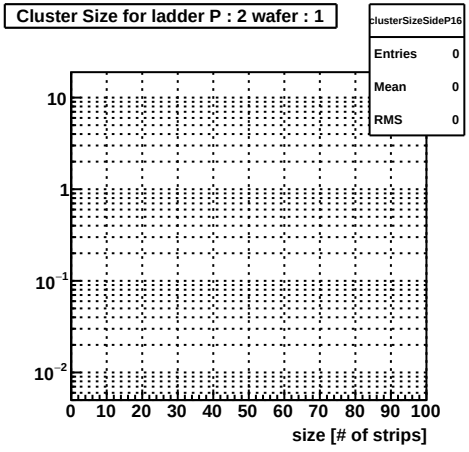

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1795
Mean 1.268
RMS 0.6009
size [# of strips]

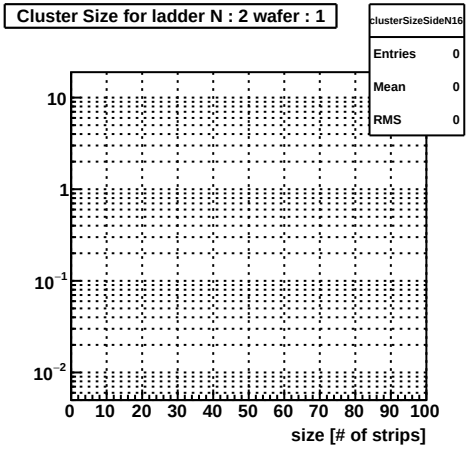

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 936
Mean 1.688
RMS 0.9273
size [# of strips]

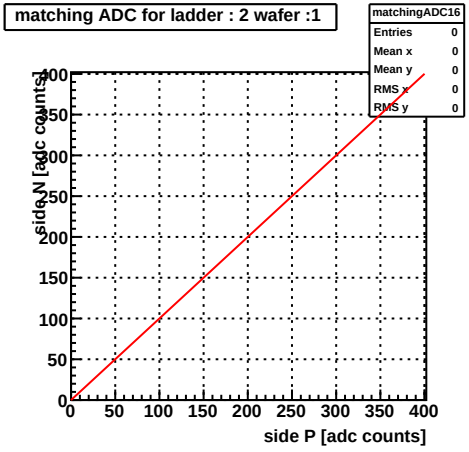

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 531
Mean x 86.1
Mean y 97.59
RMS x 60.25
RMS y 67.6
side N [adc counts]
side P [adc counts]

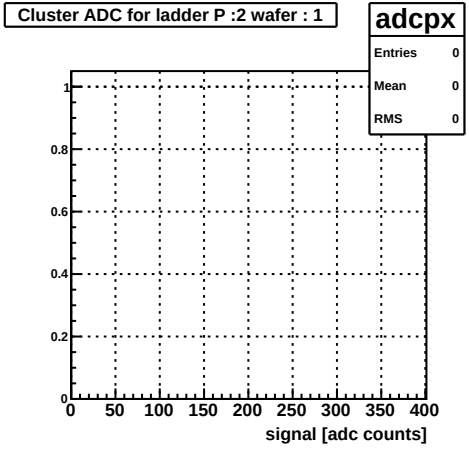

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1795
Mean 50.12
RMS 46.82
signal [adc counts]

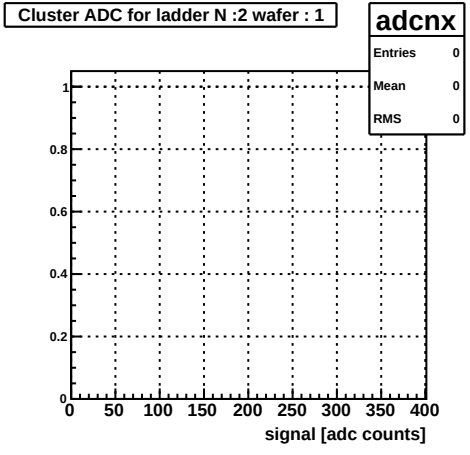

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 936
Mean 94.94
RMS 70.23
signal [adc counts]

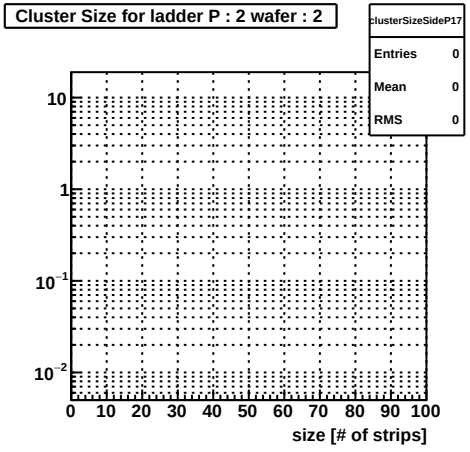

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

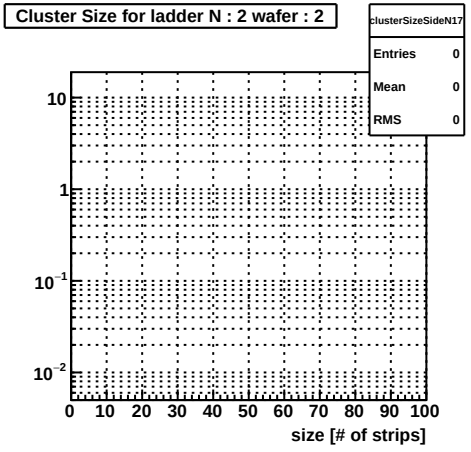

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

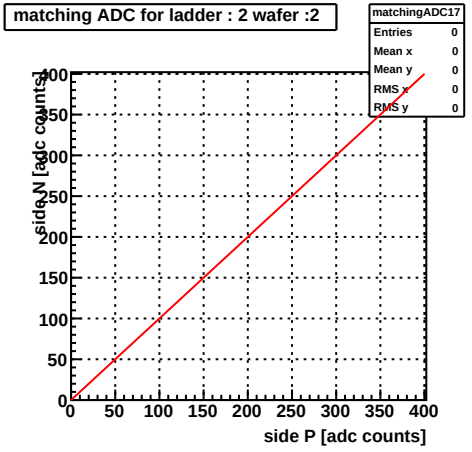

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

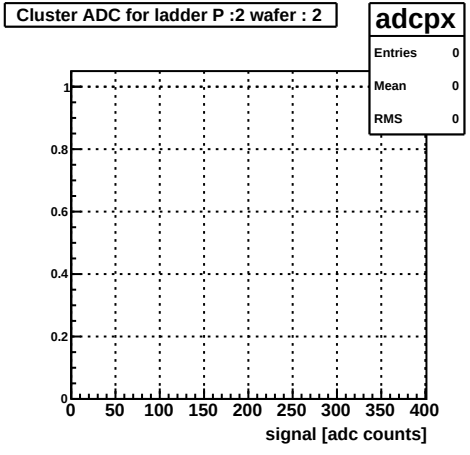

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

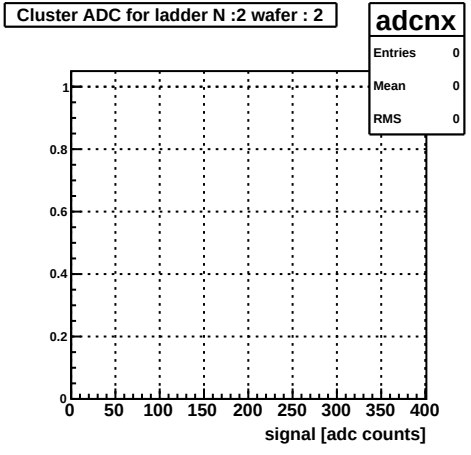

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

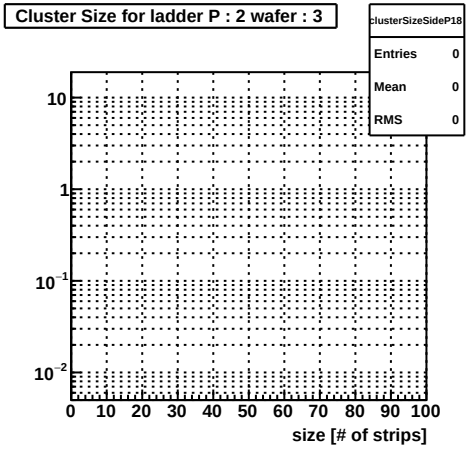

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

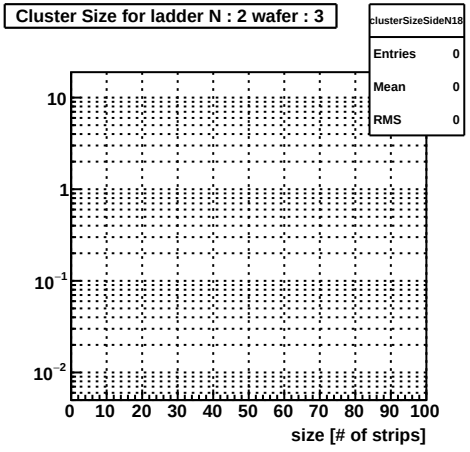

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

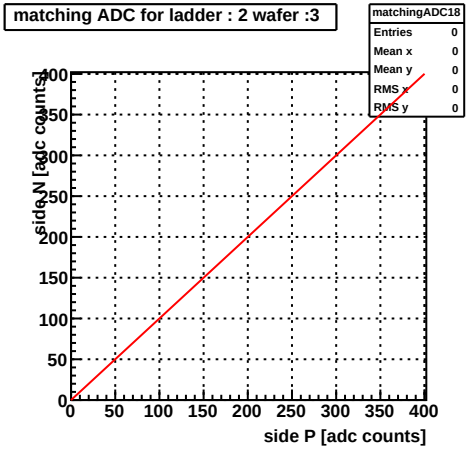

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

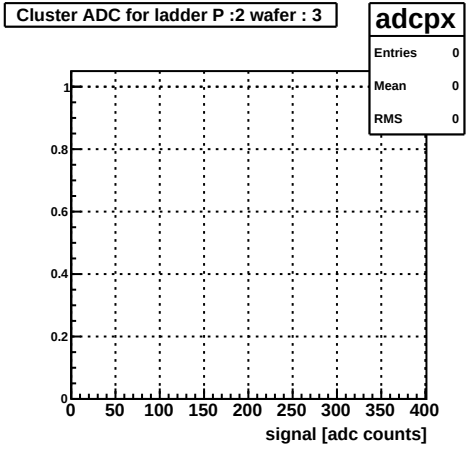

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

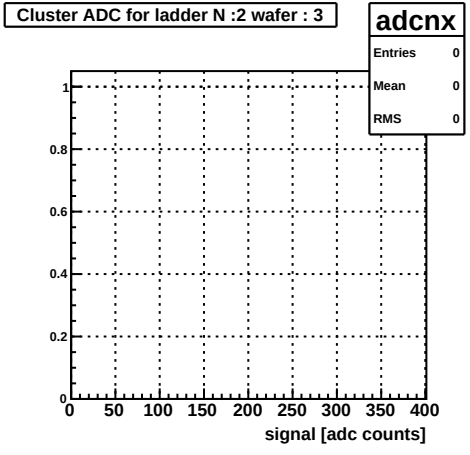

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

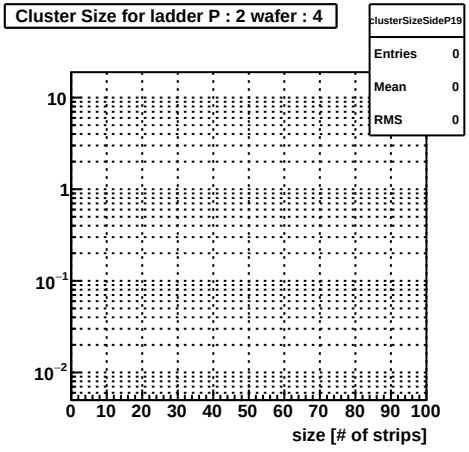

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

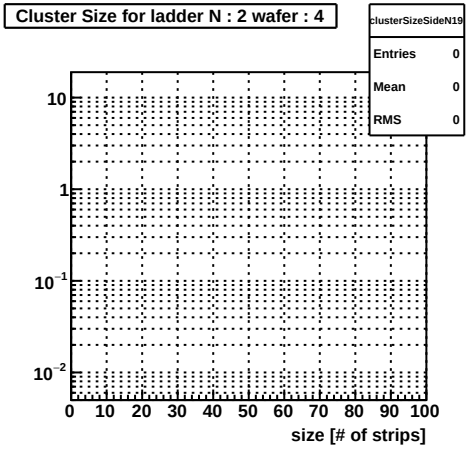

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

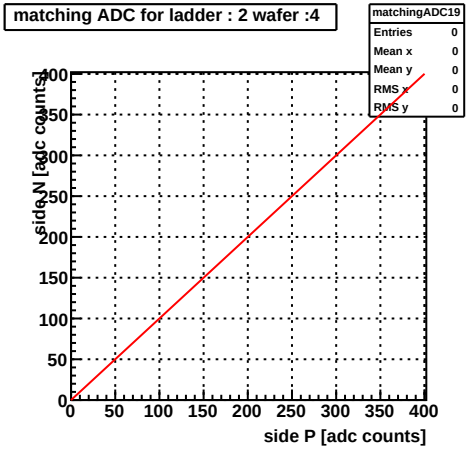

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

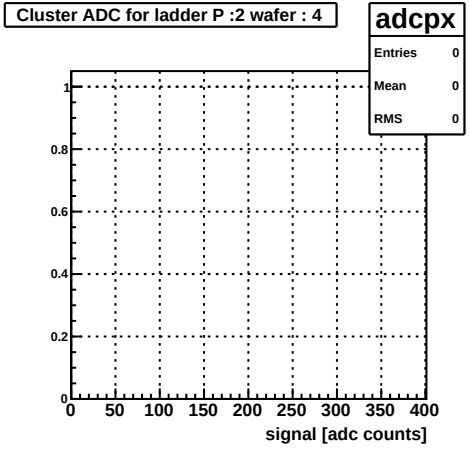

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

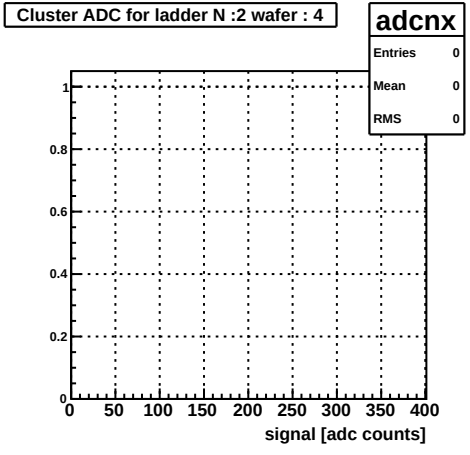

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

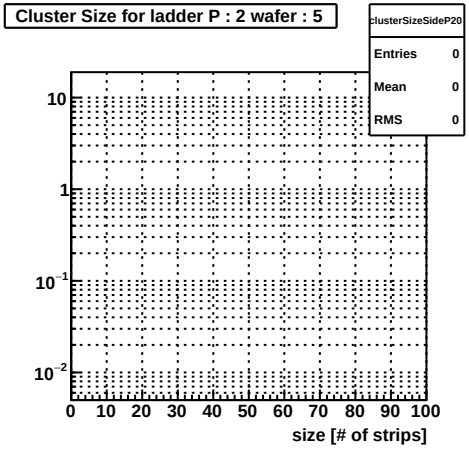

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

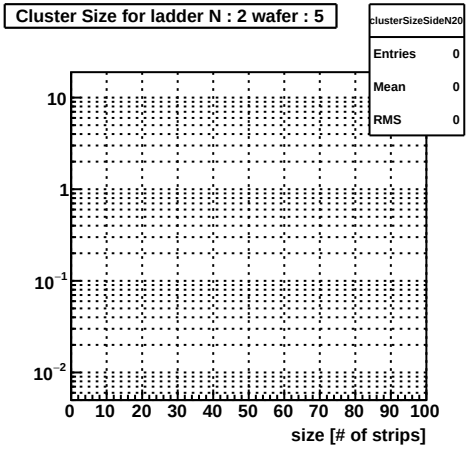

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

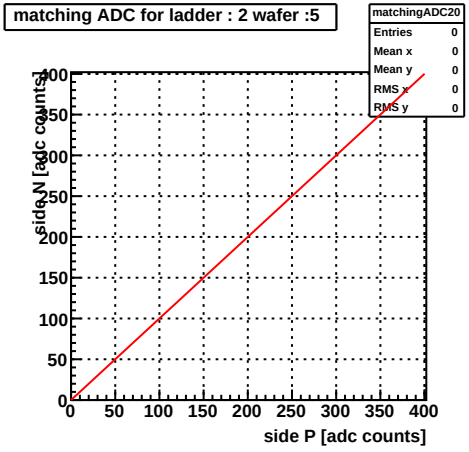

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

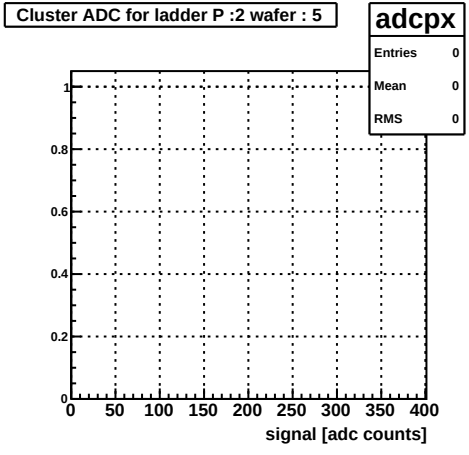

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

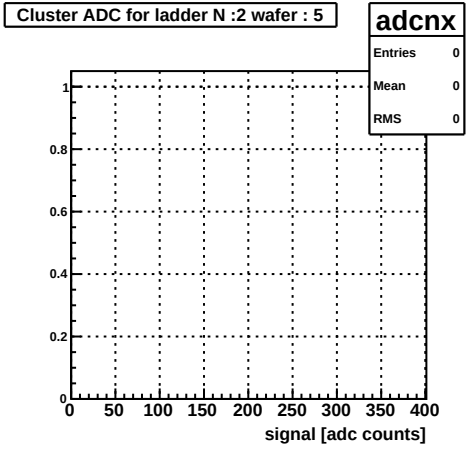

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

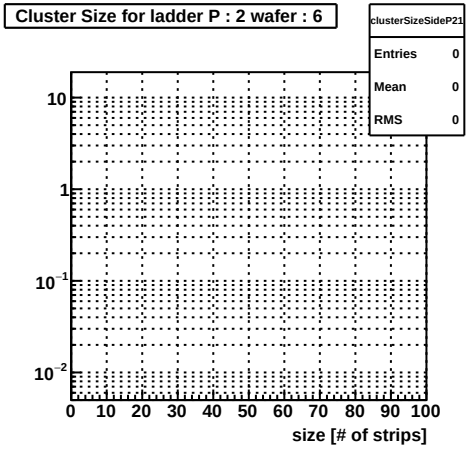

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

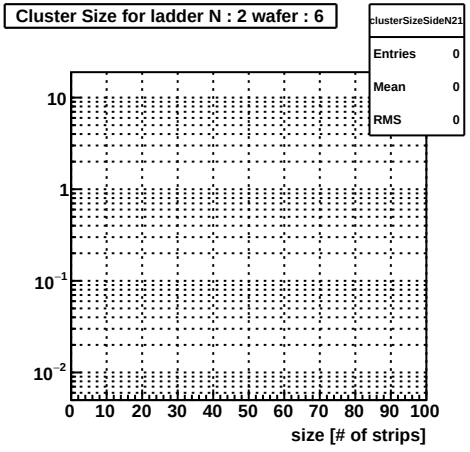

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

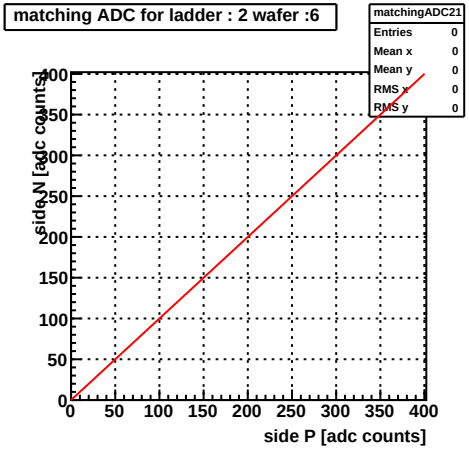

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

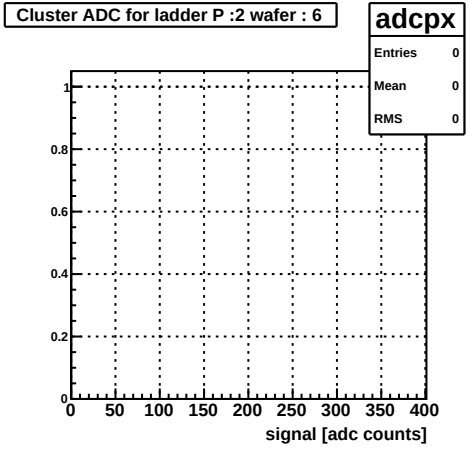

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

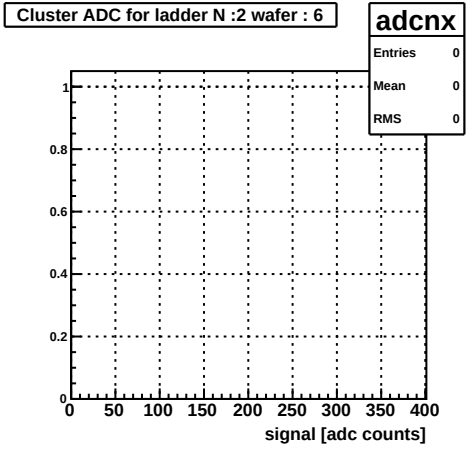

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

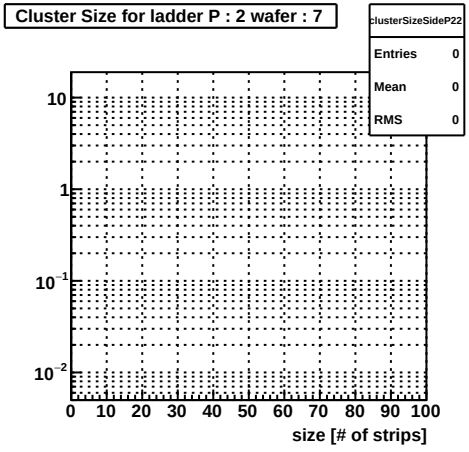

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

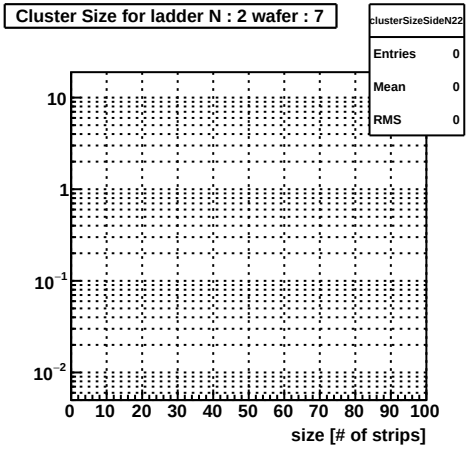

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

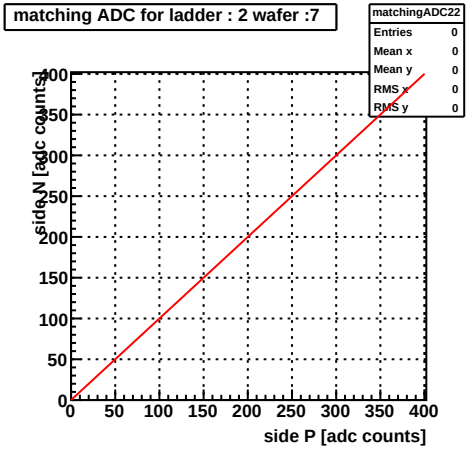

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

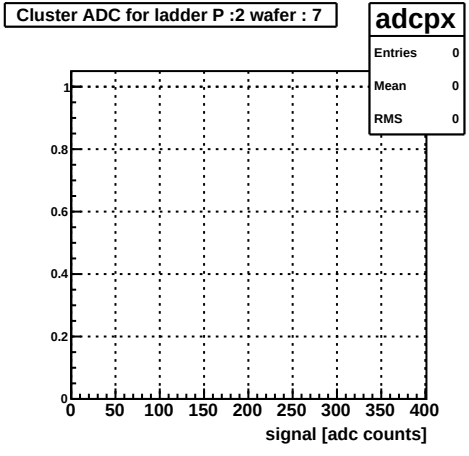

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

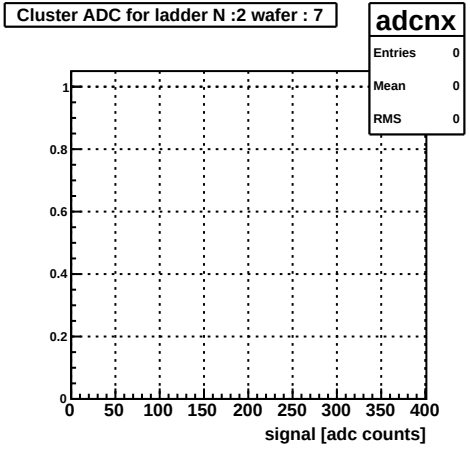

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

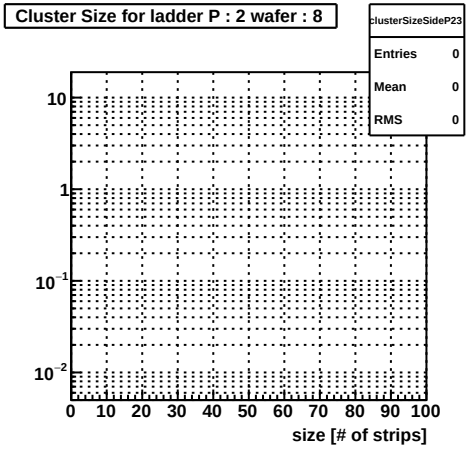

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

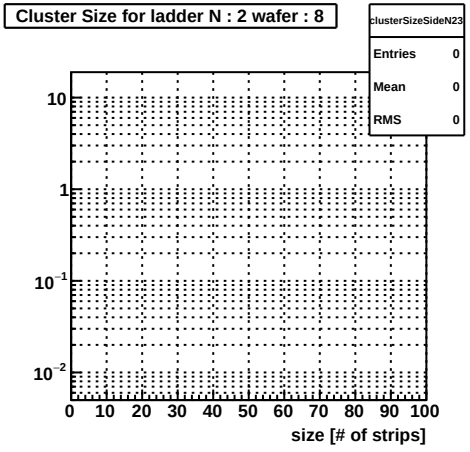

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

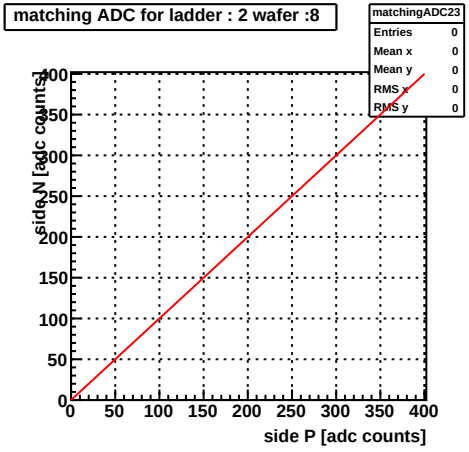

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

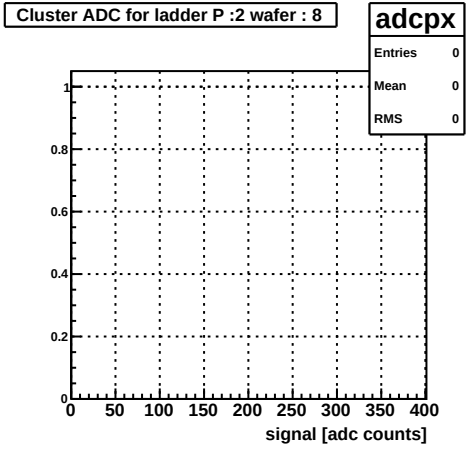

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

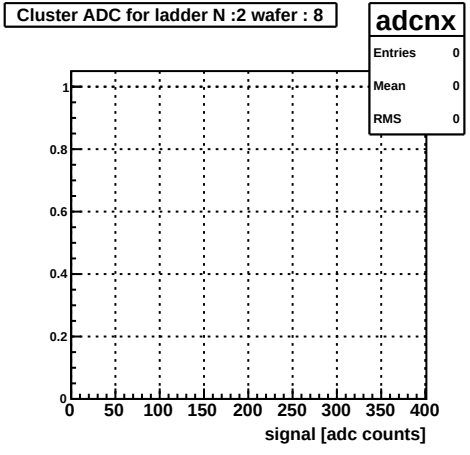

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

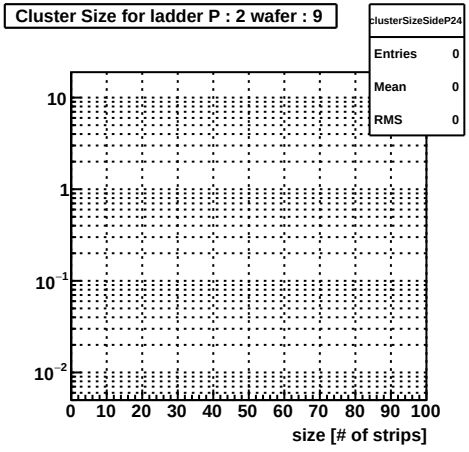

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

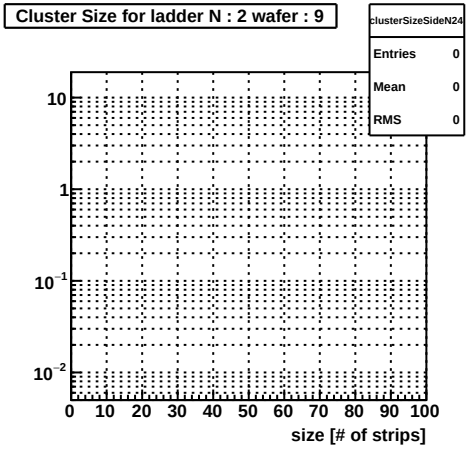

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

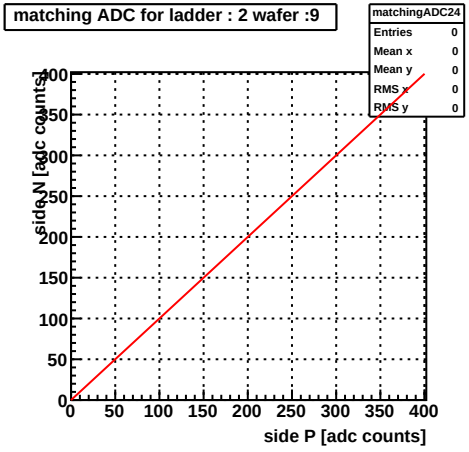

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

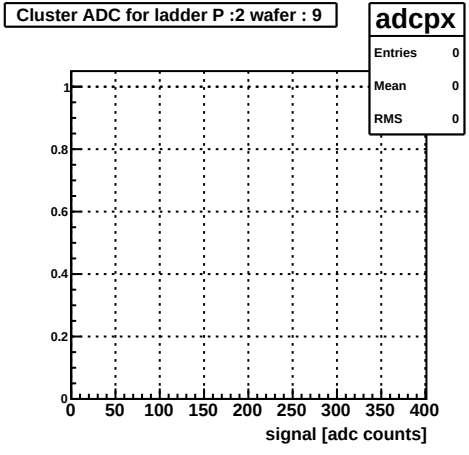

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

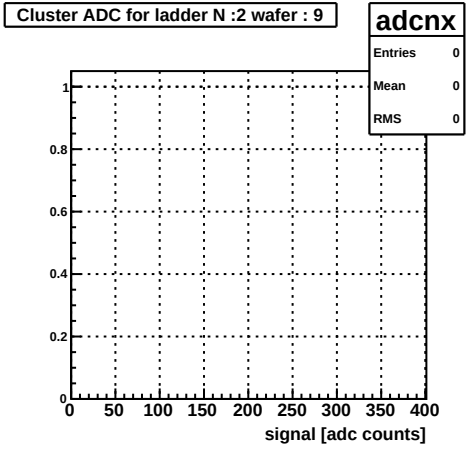

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

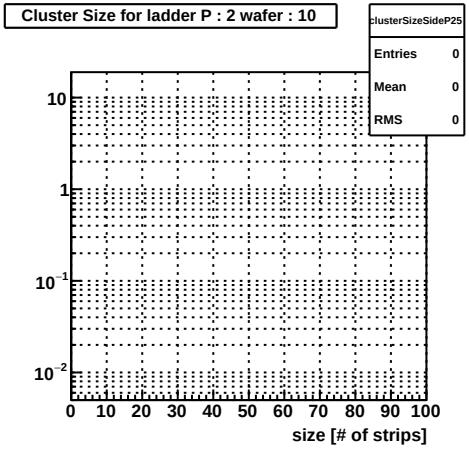

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

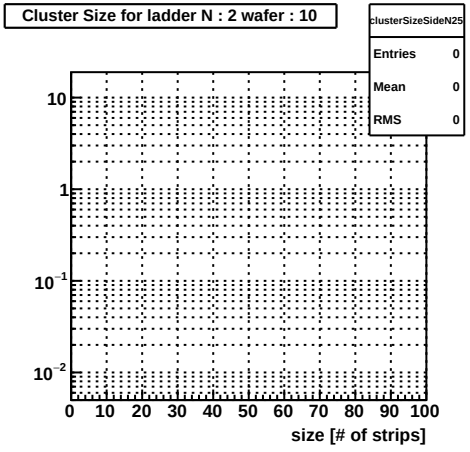

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

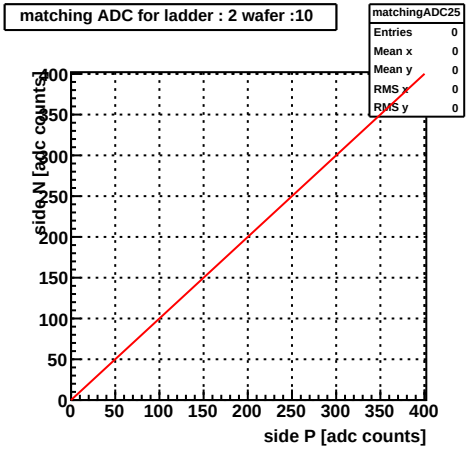

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

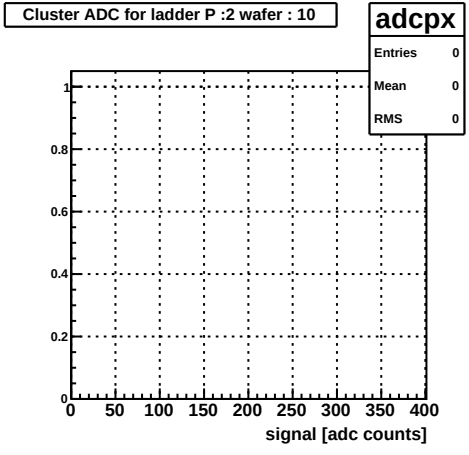

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

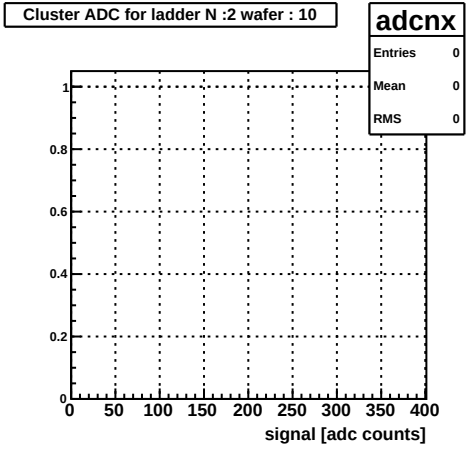

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

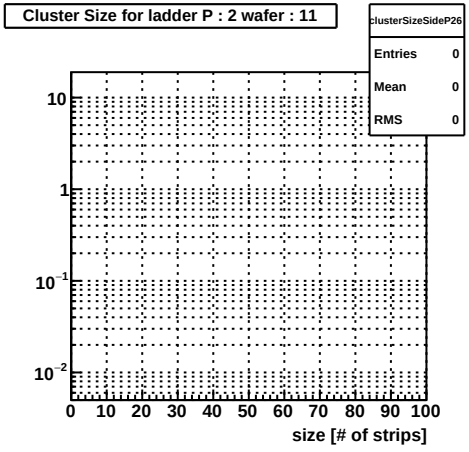

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

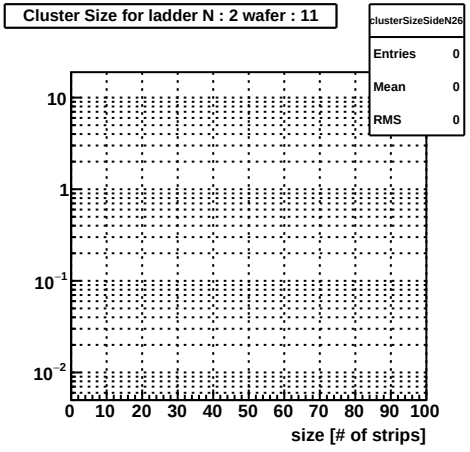

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

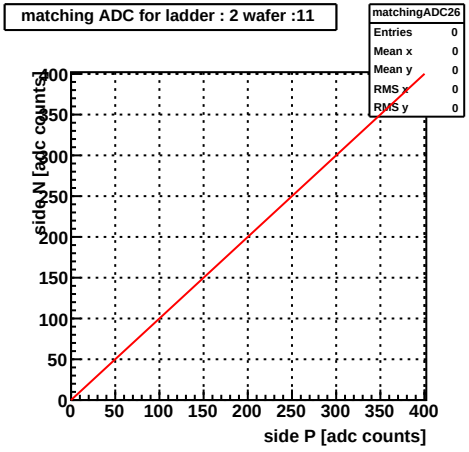

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

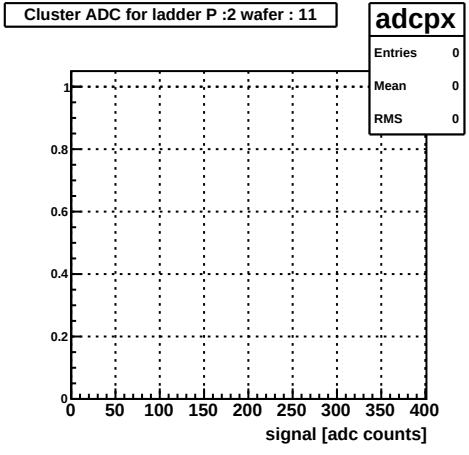

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

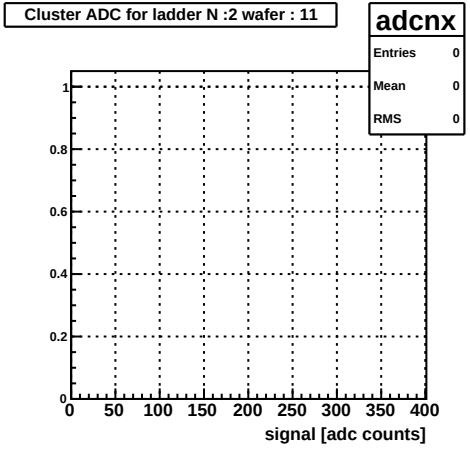

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

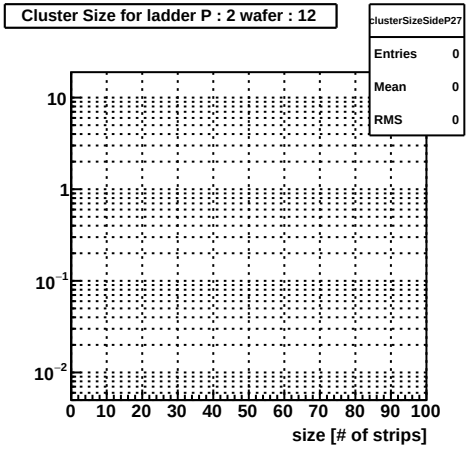

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

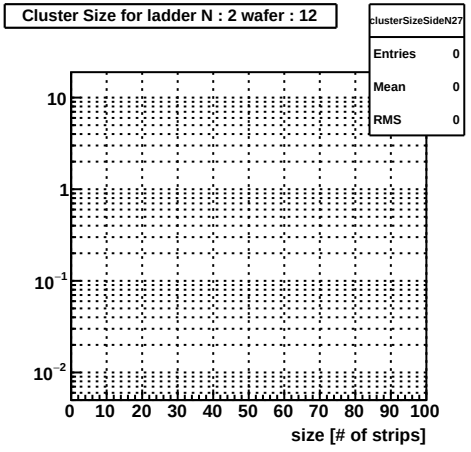

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

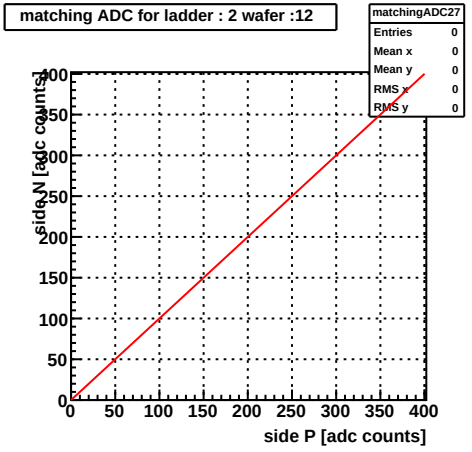

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

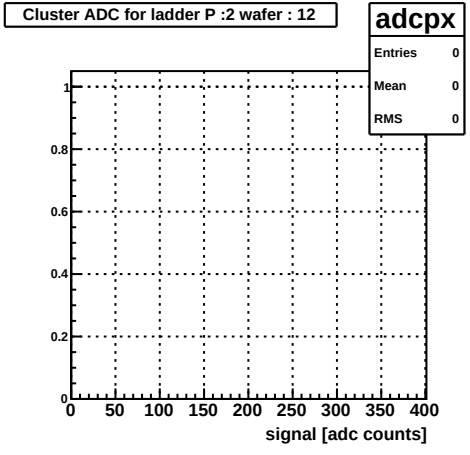

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

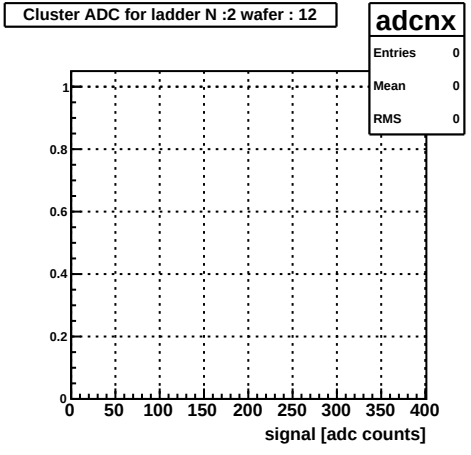

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

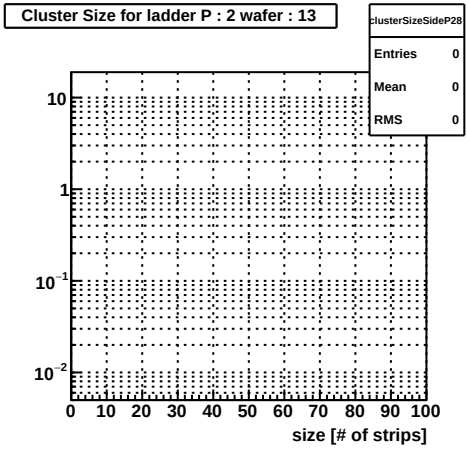

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

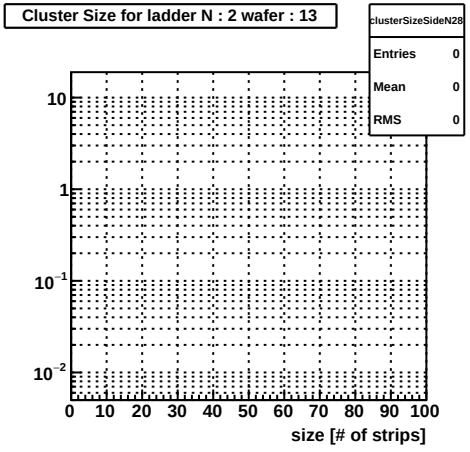

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

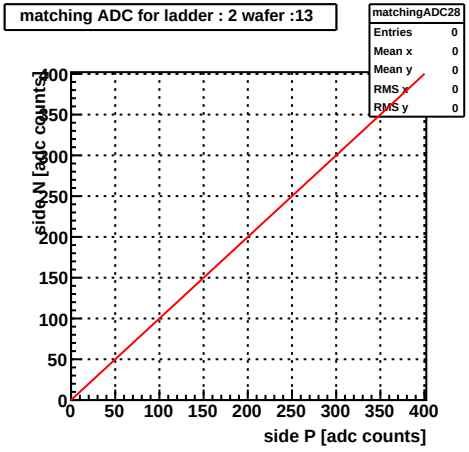

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

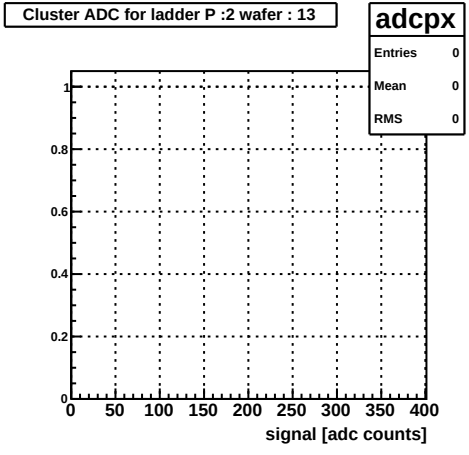

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

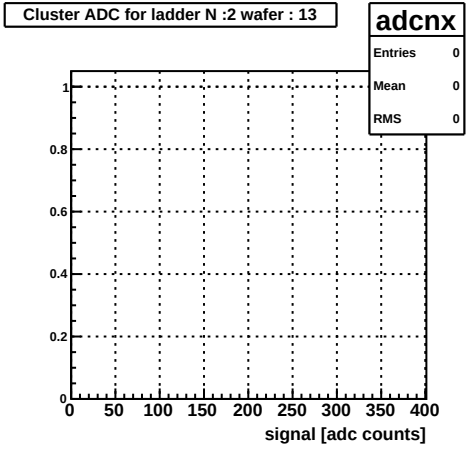

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

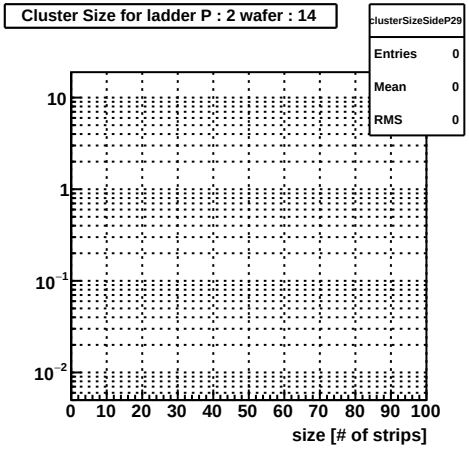

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

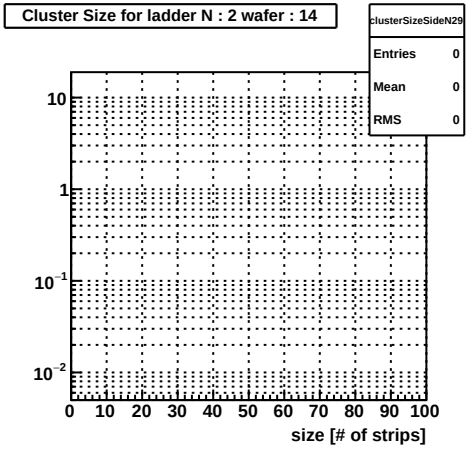

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

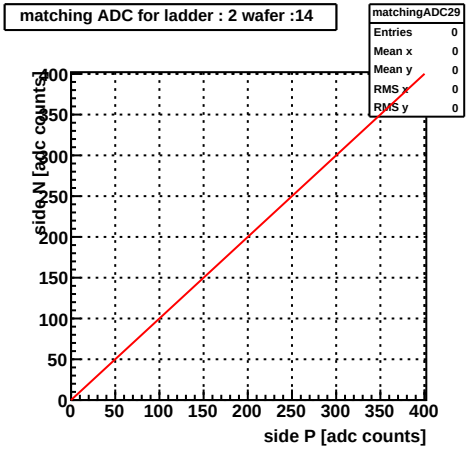

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

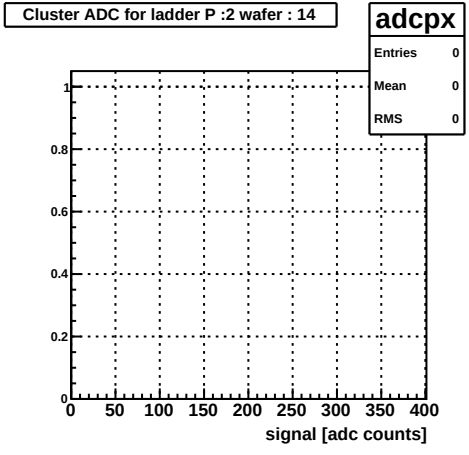

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

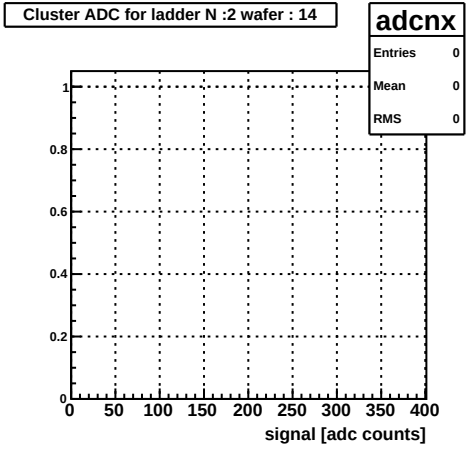

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

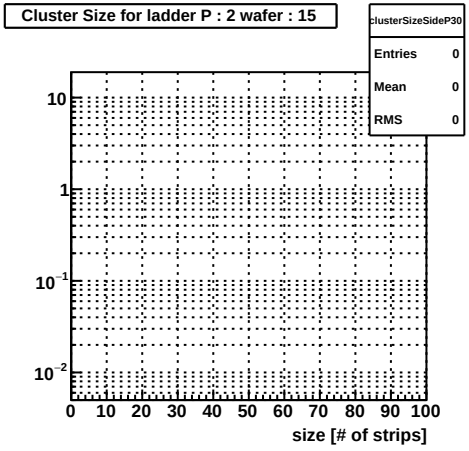

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

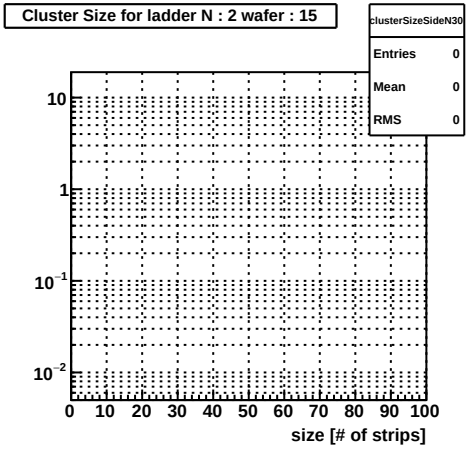

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

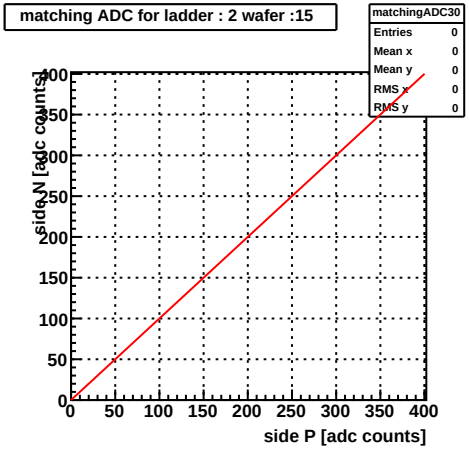

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

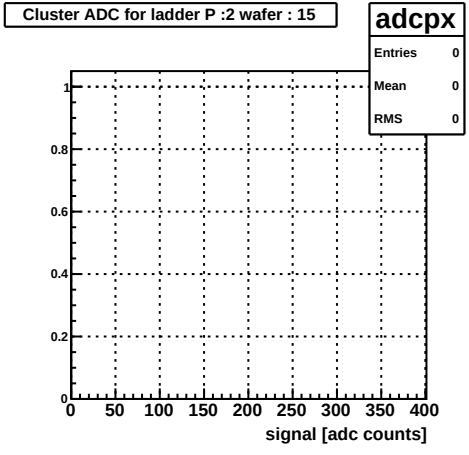

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

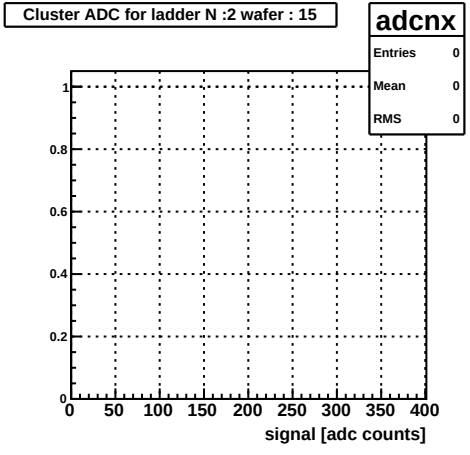

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

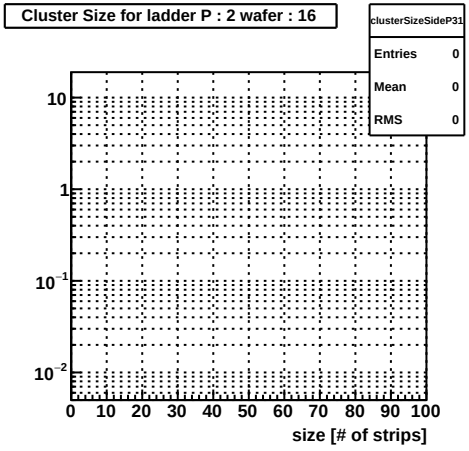

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

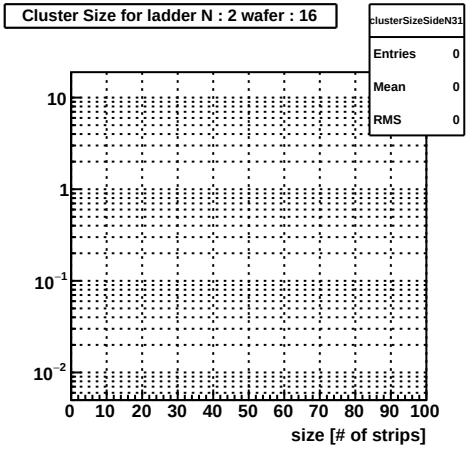

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

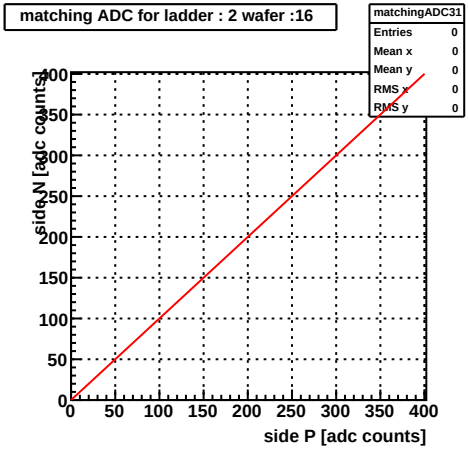

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

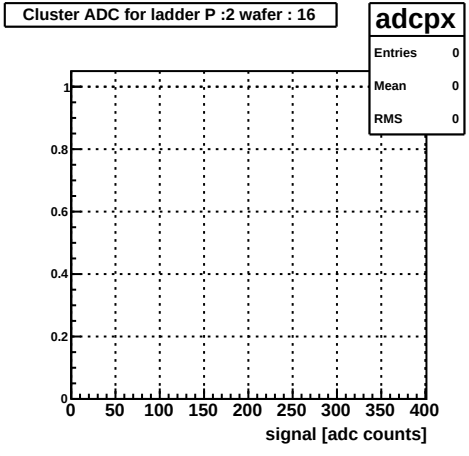

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

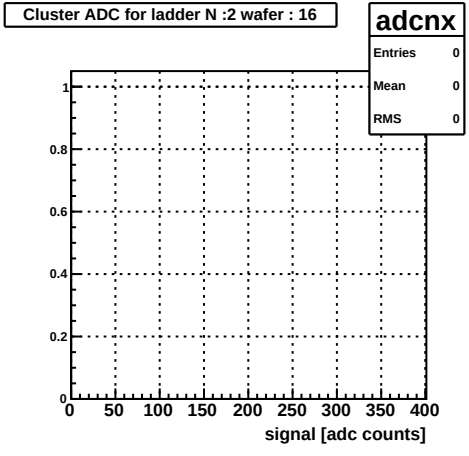

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

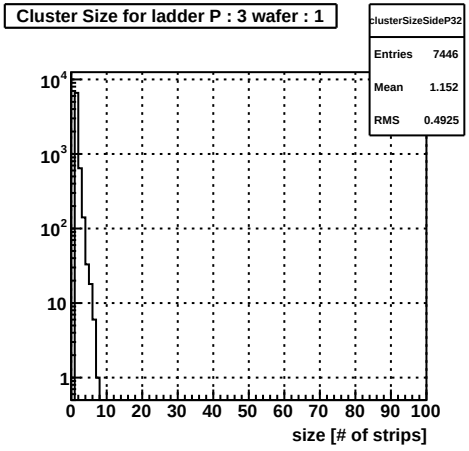

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

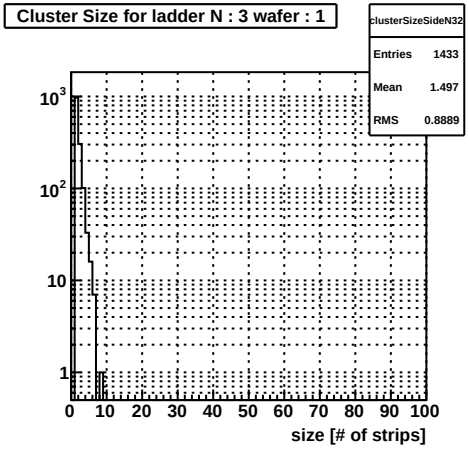

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

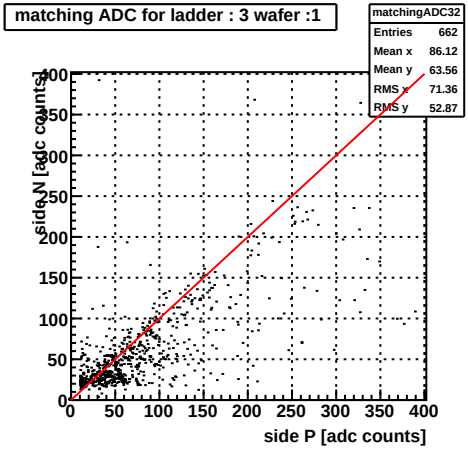

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

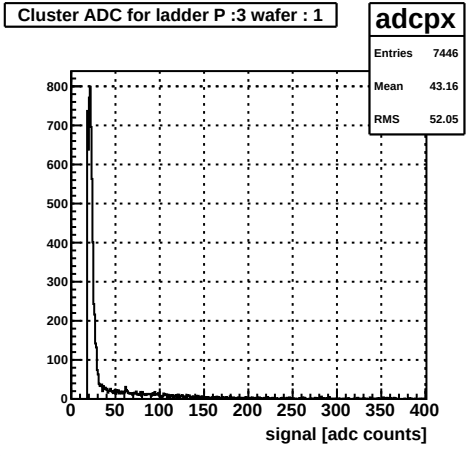

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

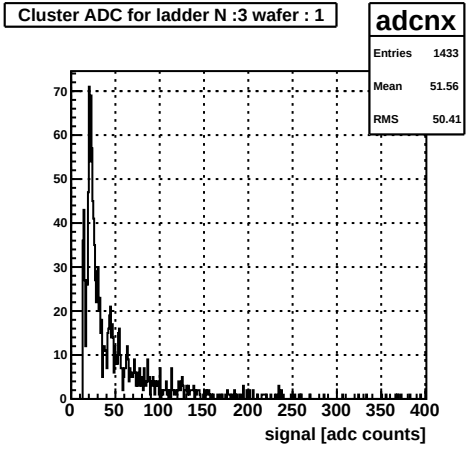

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

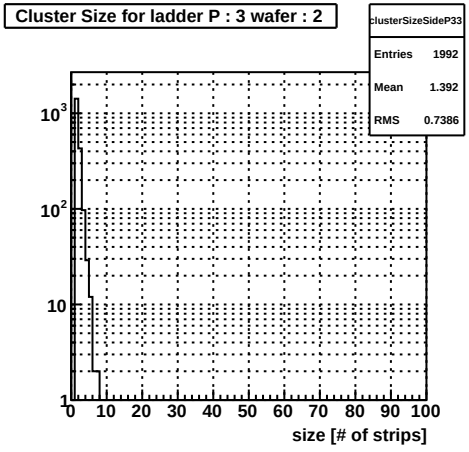

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 7446
Mean 1.152
RMS 0.4925
size [# of strips]

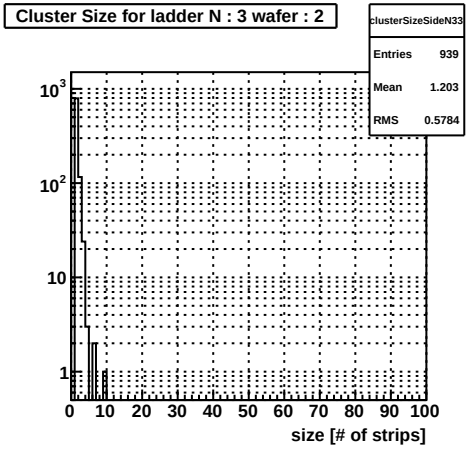

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1433
Mean 1.497
RMS 0.8889
size [# of strips]

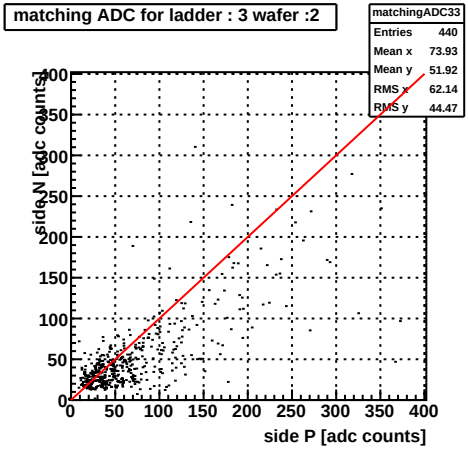

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 662
Mean x 86.12
Mean y 63.56
RMS x 71.36
RMS y 52.87
side N [adc counts]
side P [adc counts]

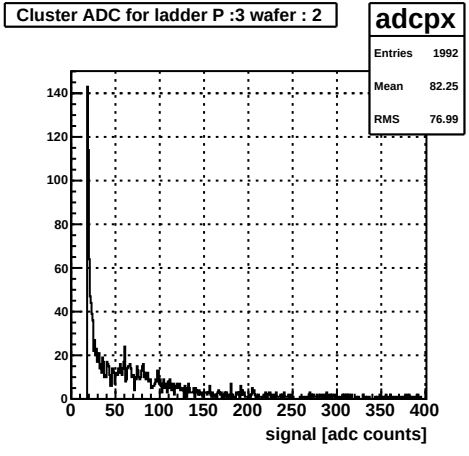

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 7446
Mean 43.16
RMS 52.05
signal [adc counts]

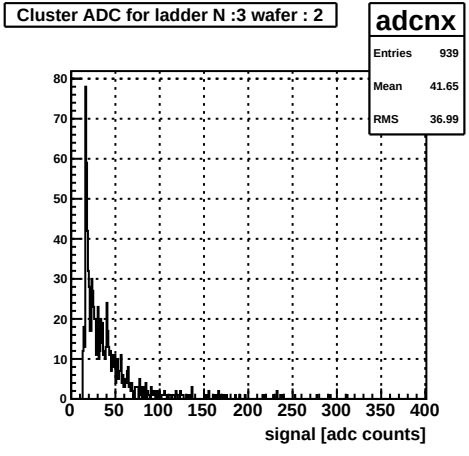

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1433
Mean 51.56
RMS 50.41
signal [adc counts]

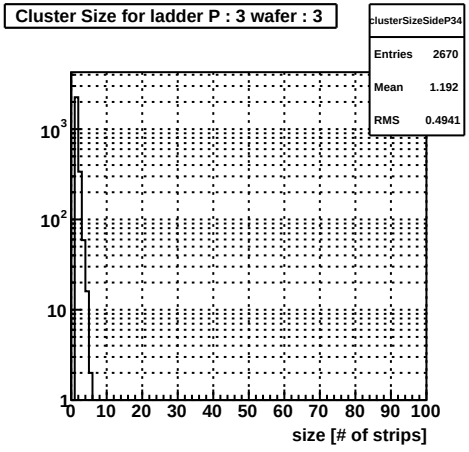

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1992
Mean 1.392
RMS 0.7386
size [# of strips]

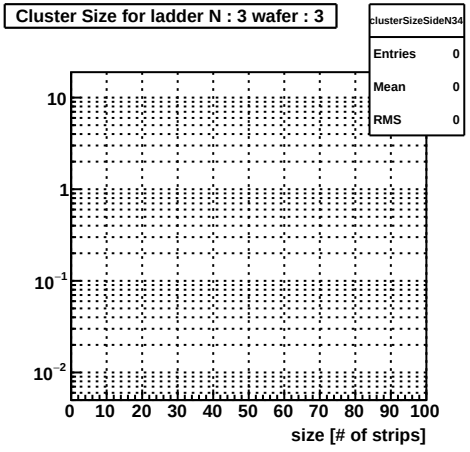

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 939
Mean 1.203
RMS 0.5784
size [# of strips]

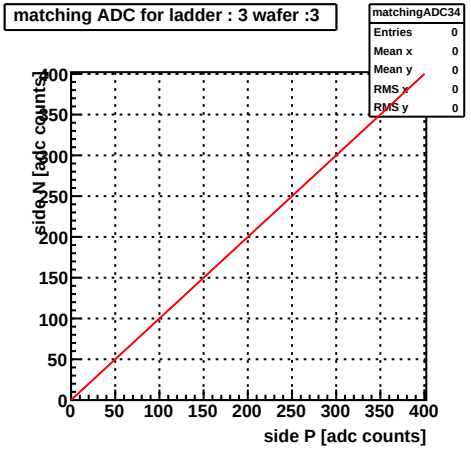

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 440
Mean x 73.93
Mean y 51.92
RMS x 62.14
RMS y 44.47
side N [adc counts]
side P [adc counts]

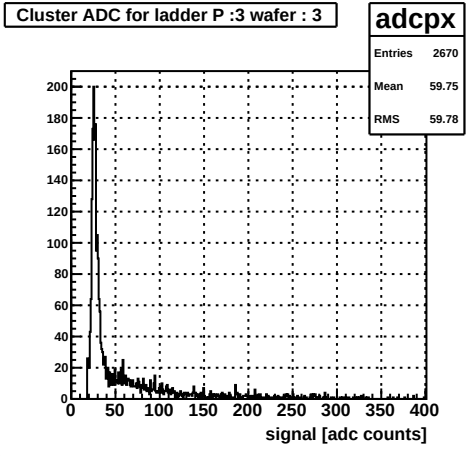

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1992
Mean 82.25
RMS 76.99
signal [adc counts]

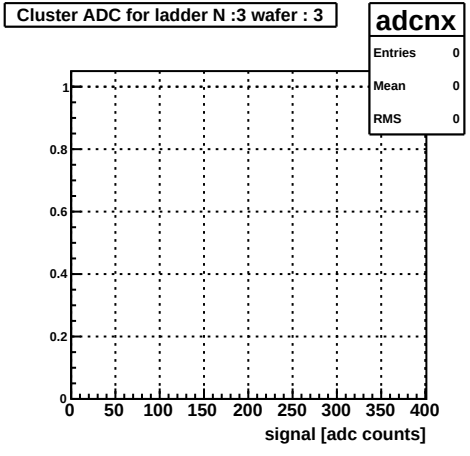

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 939
Mean 41.65
RMS 36.99
signal [adc counts]

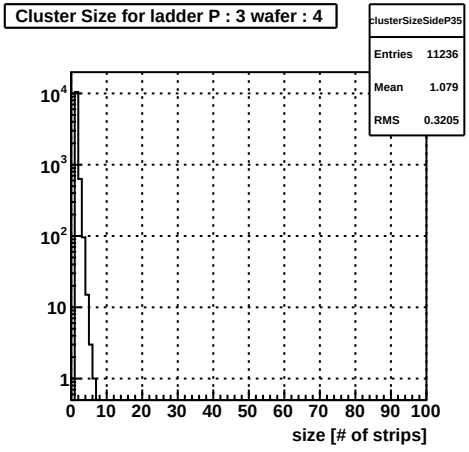

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2670
Mean 1.192
RMS 0.4941
size [# of strips]

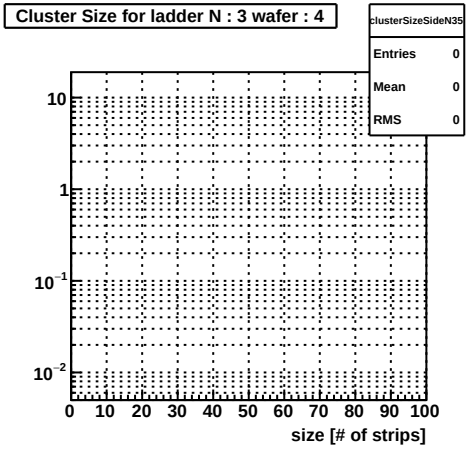

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

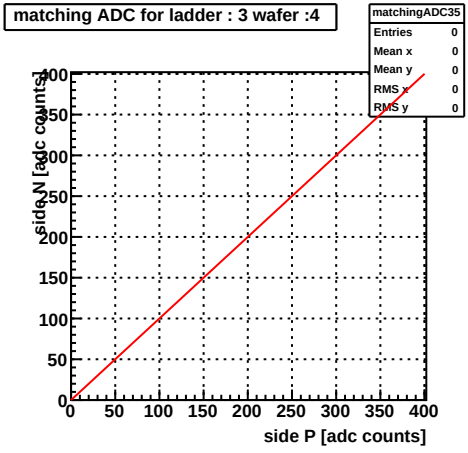

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

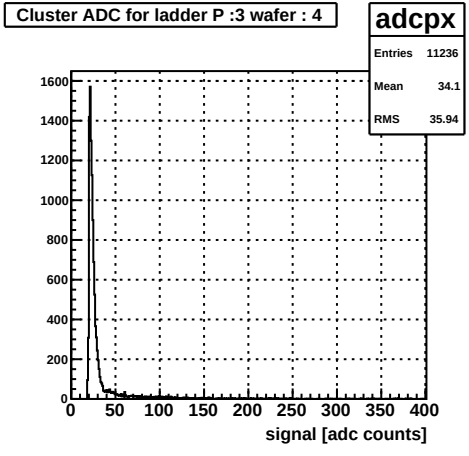

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2670
Mean 59.75
RMS 59.78
signal [adc counts]

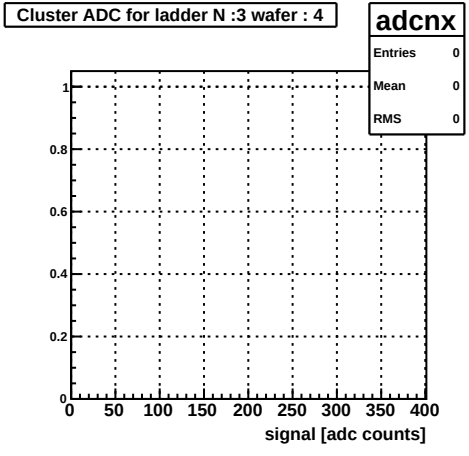

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

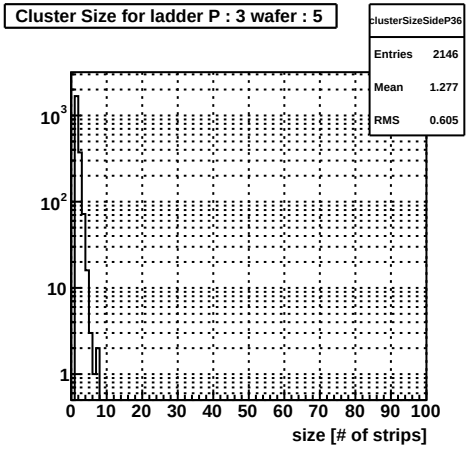

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 11236
Mean 1.079
RMS 0.3205
size [# of strips]

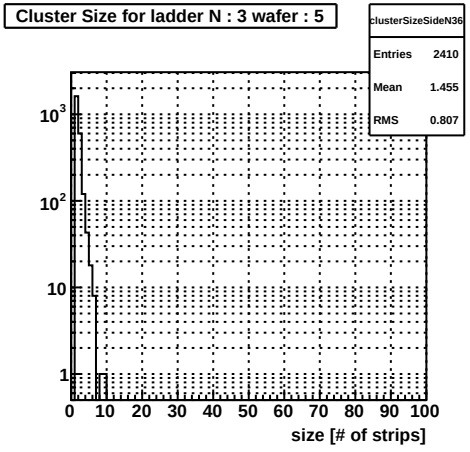

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

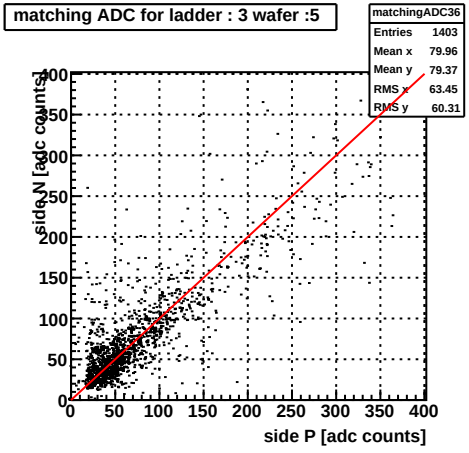

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

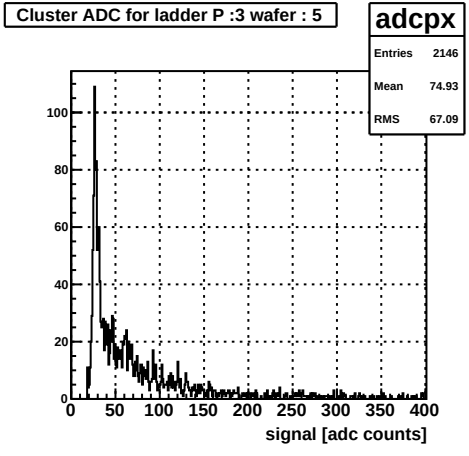

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 11236
Mean 34.1
RMS 35.94
signal [adc counts]

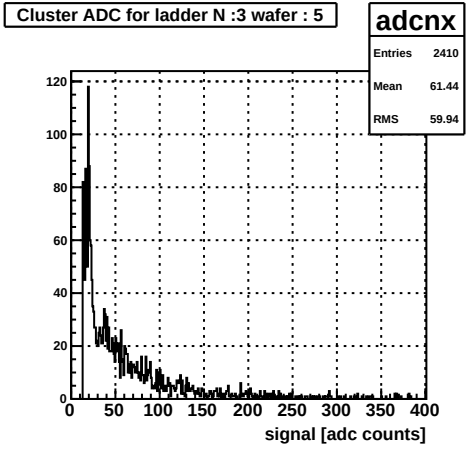

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

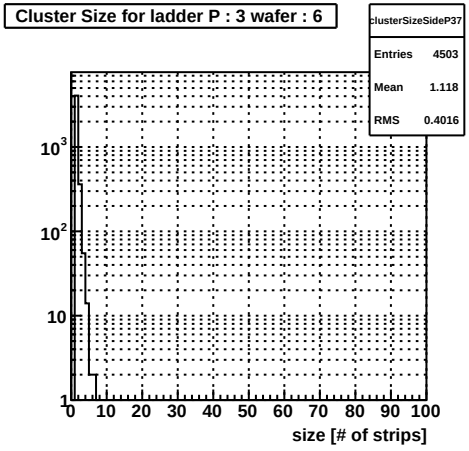

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2146
Mean 1.277
RMS 0.605
size [# of strips]

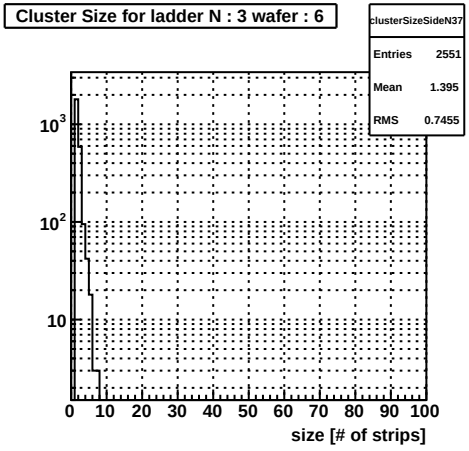

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2410
Mean 1.455
RMS 0.807
size [# of strips]

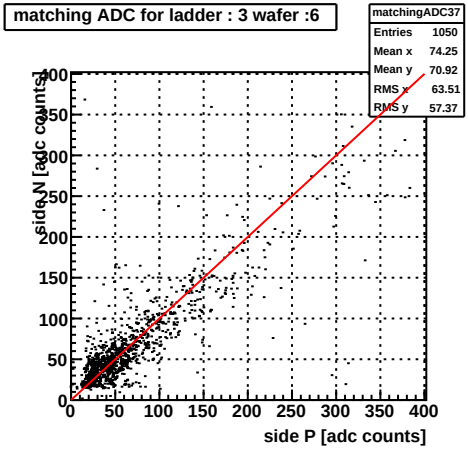

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1403
Mean x 79.96
Mean y 79.37
RMS x 63.45
RMS y 60.31
side N [adc counts]
side P [adc counts]

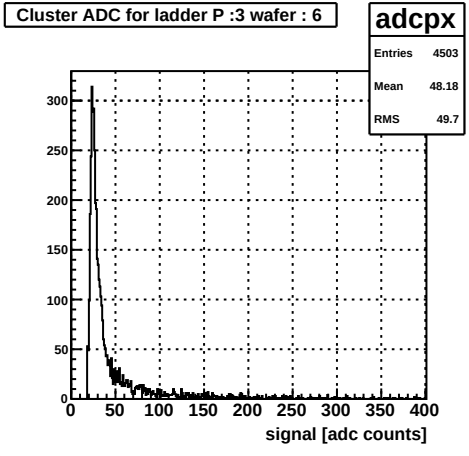

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2146
Mean 74.93
RMS 67.09
signal [adc counts]

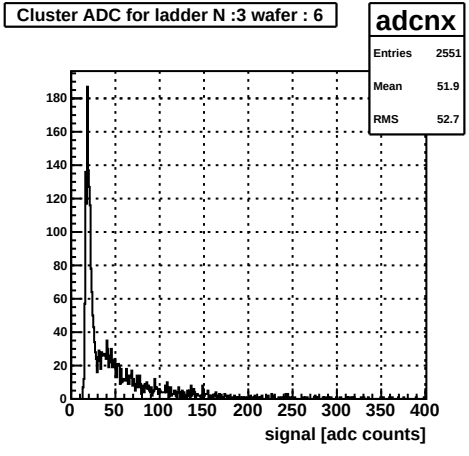

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2410
Mean 61.44
RMS 59.94
signal [adc counts]

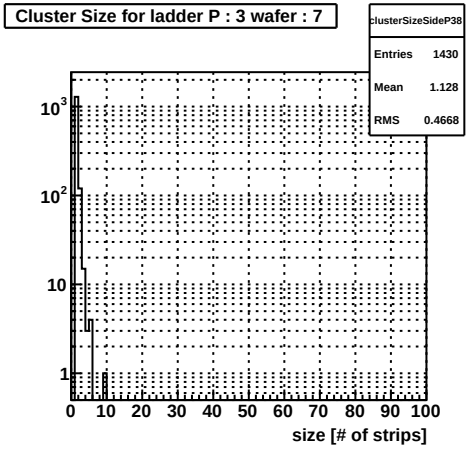

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4503
Mean 1.118
RMS 0.4016
size [# of strips]

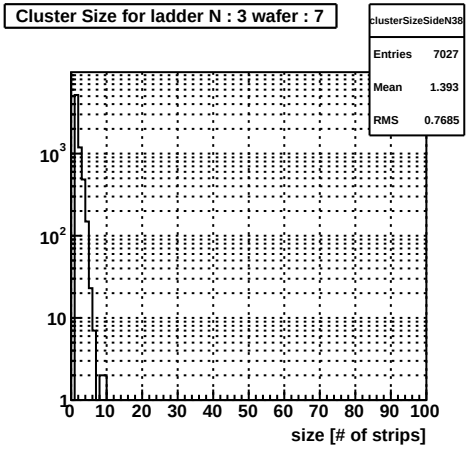

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2551
Mean 1.395
RMS 0.7455
size [# of strips]

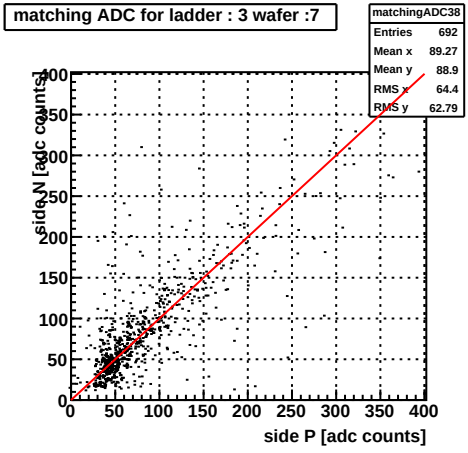

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1050
Mean x 74.25
Mean y 70.92
RMS x 63.51
RMS y 57.37
side N [adc counts]
side P [adc counts]

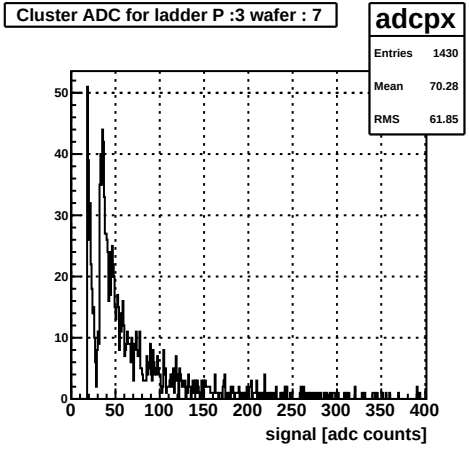

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4503
Mean 48.18
RMS 49.7
signal [adc counts]

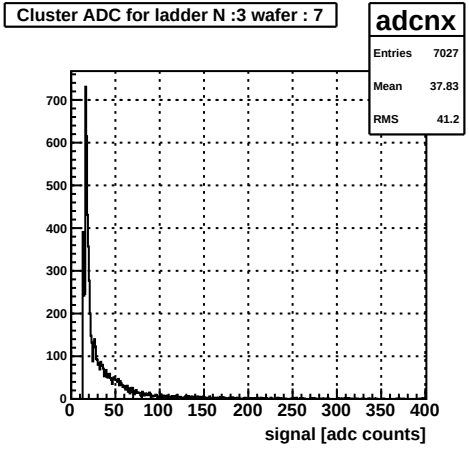

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2551
Mean 51.9
RMS 52.7
signal [adc counts]

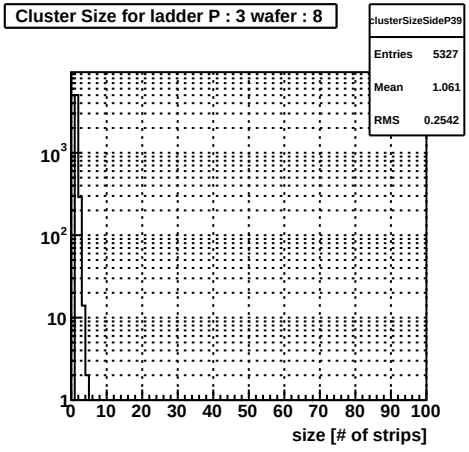

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1430
Mean 1.128
RMS 0.4668
size [# of strips]

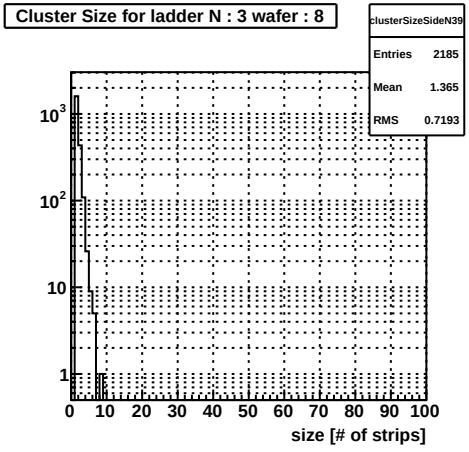

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 7027
Mean 1.393
RMS 0.7685
size [# of strips]

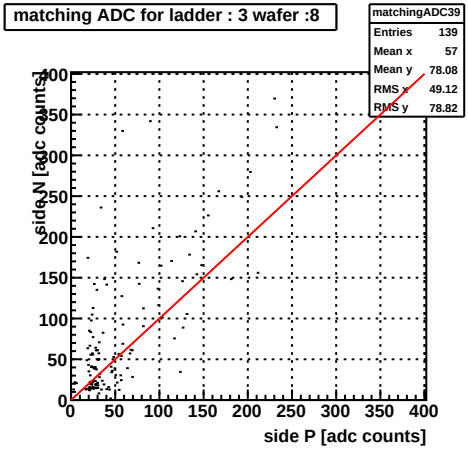

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 692
Mean x 89.27
Mean y 88.9
RMS x 64.4
RMS y 62.79
side N [adc counts]
side P [adc counts]

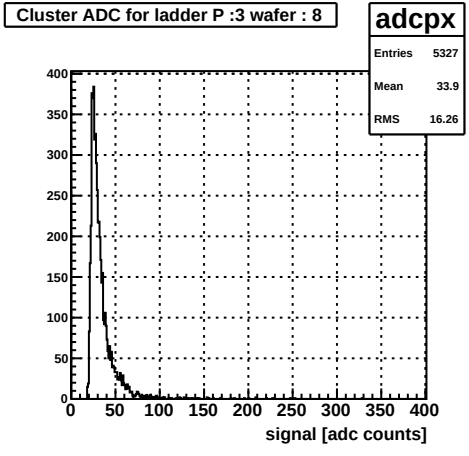

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1430
Mean 70.28
RMS 61.85
signal [adc counts]

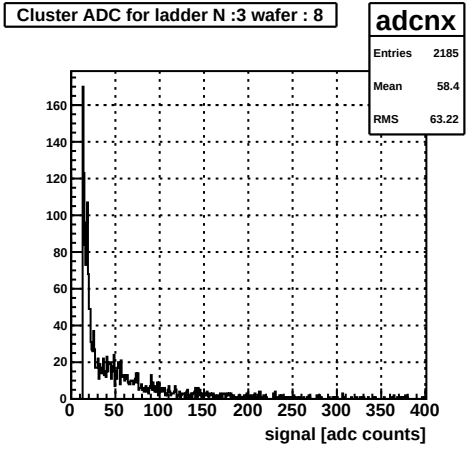

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 7027
Mean 37.83
RMS 41.2
signal [adc counts]

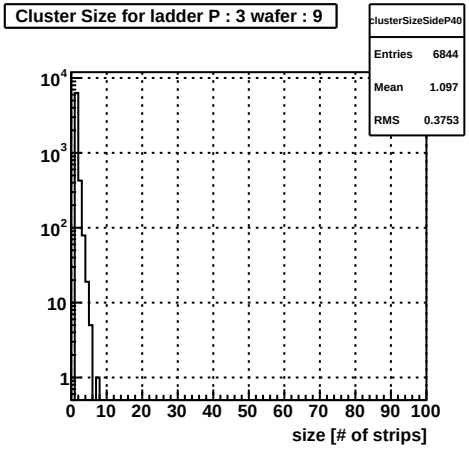

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5327
Mean 1.061
RMS 0.2542
size [# of strips]

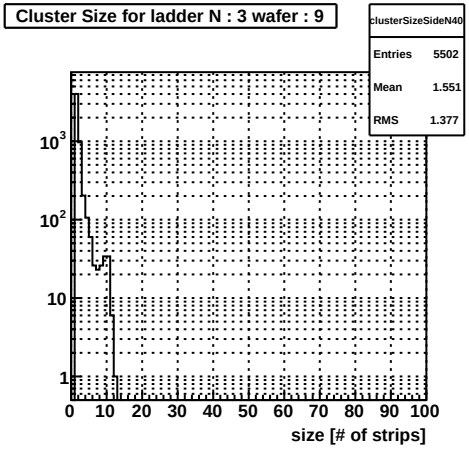

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2185
Mean 1.365
RMS 0.7193
size [# of strips]

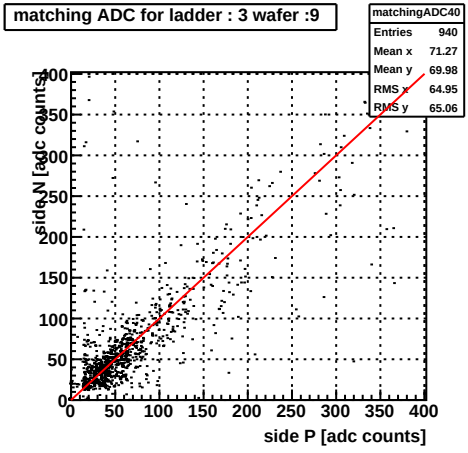

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 139
Mean x 57
Mean y 78.08
RMS x 49.12
RMS y 78.82
side N [adc counts]
side P [adc counts]

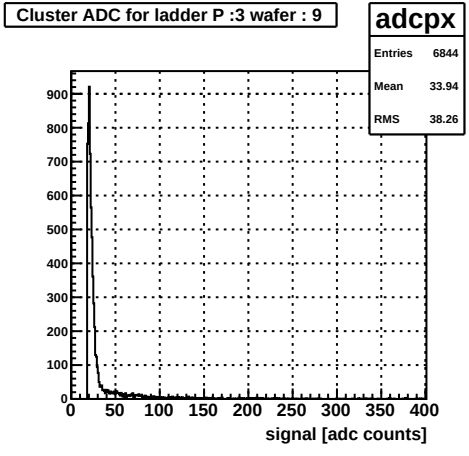

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5327
Mean 33.9
RMS 16.26
signal [adc counts]

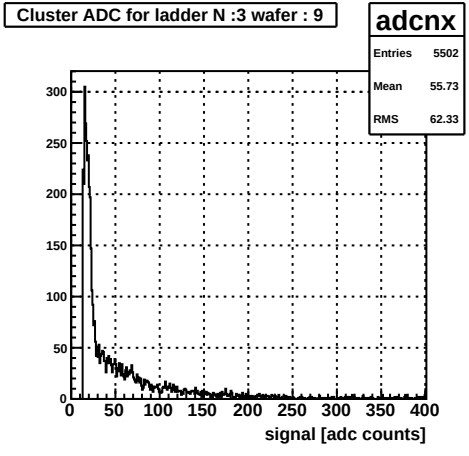

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2185
Mean 58.4
RMS 63.22
signal [adc counts]

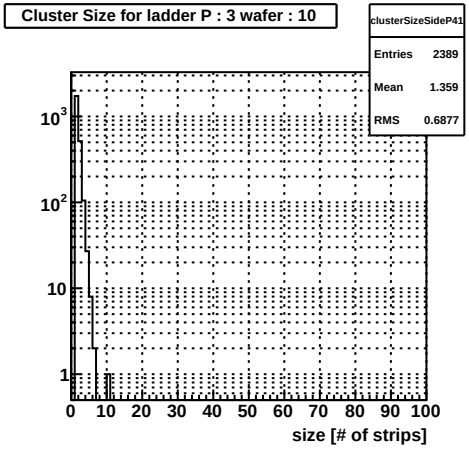

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 6844
Mean 1.097
RMS 0.3753
size [# of strips]

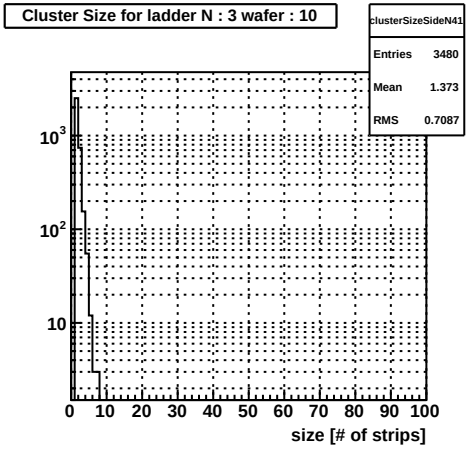

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 5502
Mean 1.551
RMS 1.377
size [# of strips]

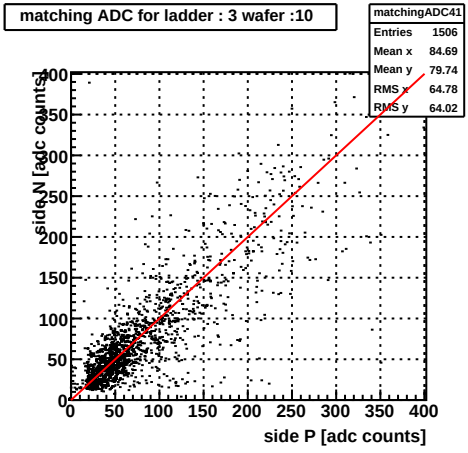

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 940
Mean x 71.27
Mean y 69.98
RMS x 64.95
RMS y 65.06
side N [adc counts]
side P [adc counts]

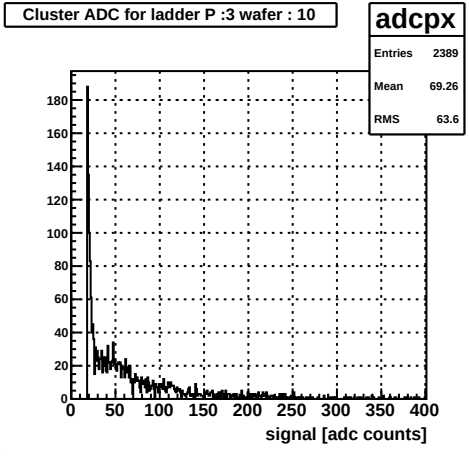

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 6844
Mean 33.94
RMS 38.26
signal [adc counts]

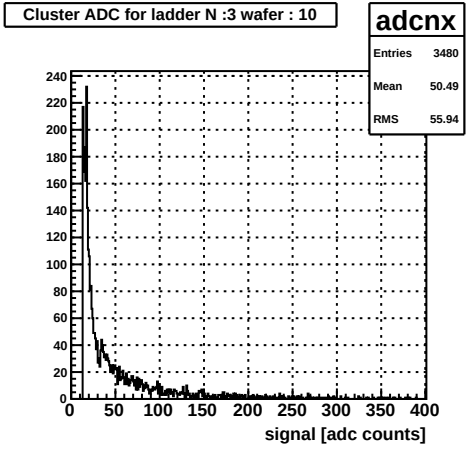

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 5502
Mean 55.73
RMS 62.33
signal [adc counts]

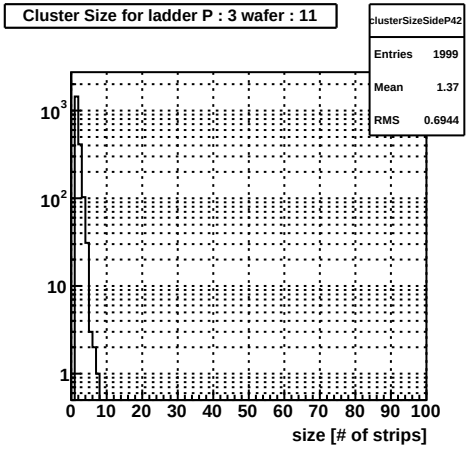

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2389
Mean 1.359
RMS 0.6877
size [# of strips]

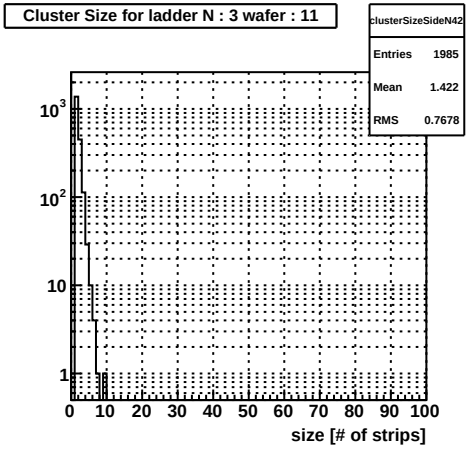

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 3480
Mean 1.373
RMS 0.7087
size [# of strips]

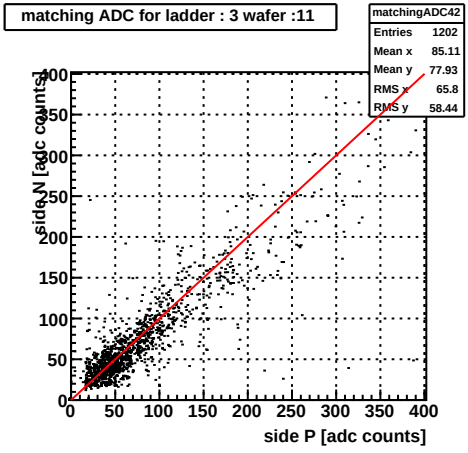

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1506
Mean x 84.69
Mean y 79.74
RMS x 64.78
RMS y 64.02
side N [adc counts]
side P [adc counts]

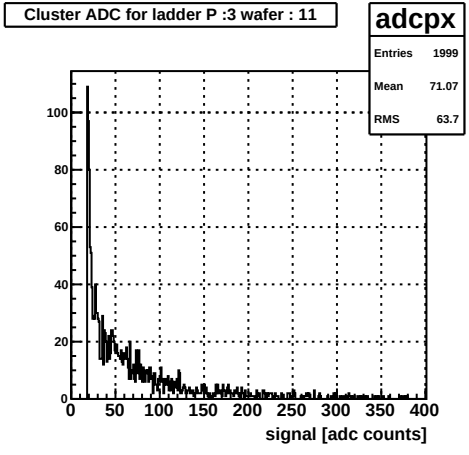

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2389
Mean 69.26
RMS 63.6
signal [adc counts]

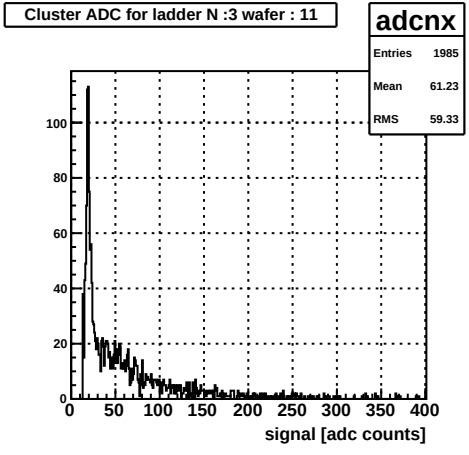

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 3480
Mean 50.49
RMS 55.94
signal [adc counts]

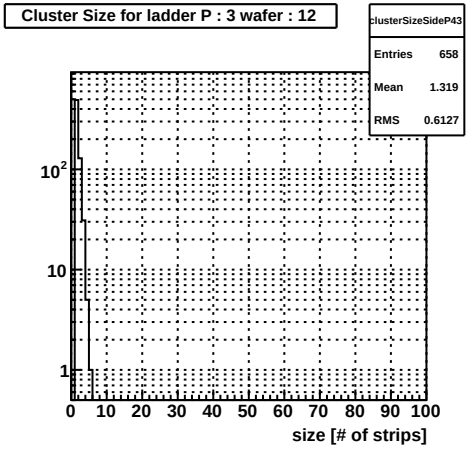

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1999
Mean 1.37
RMS 0.6944
size [# of strips]

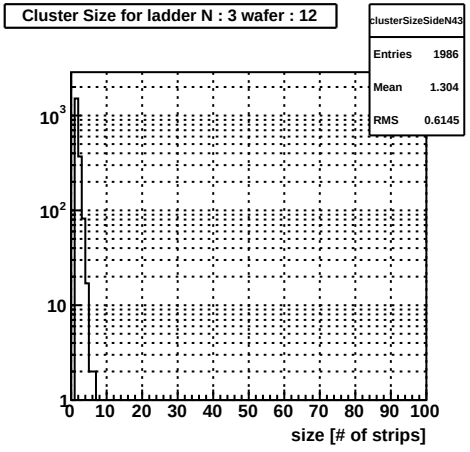

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1985
Mean 1.422
RMS 0.7678
size [# of strips]

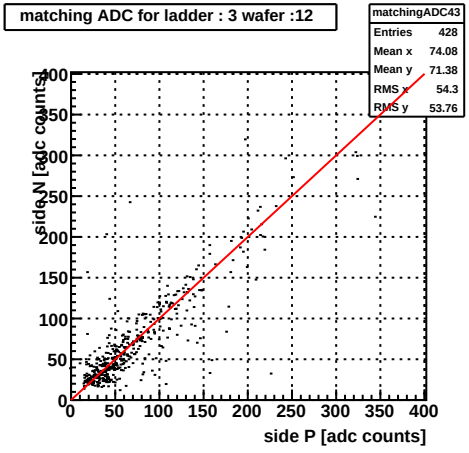

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1202
Mean x 85.11
Mean y 77.93
RMS x 65.8
RMS y 58.44
side N [adc counts]
side P [adc counts]

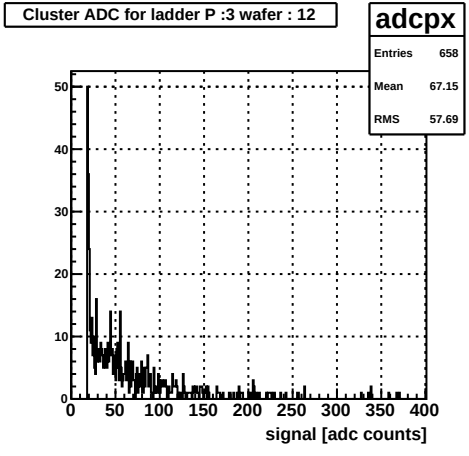

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1999
Mean 71.07
RMS 63.7
signal [adc counts]

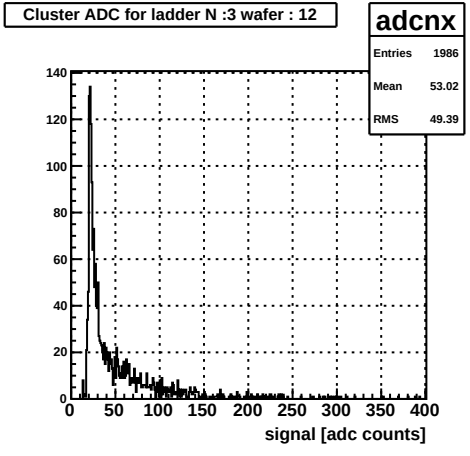

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1985
Mean 61.23
RMS 59.33
signal [adc counts]

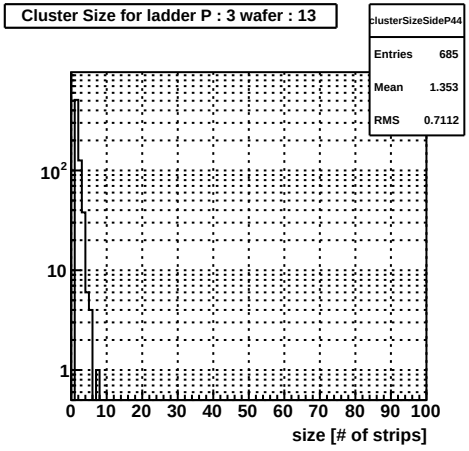

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 658
Mean 1.319
RMS 0.6127
size [# of strips]

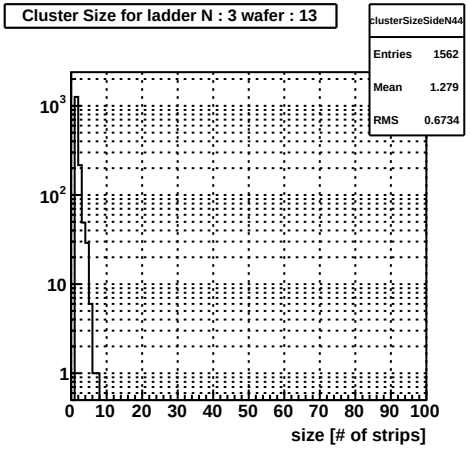

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1986
Mean 1.304
RMS 0.6145
size [# of strips]

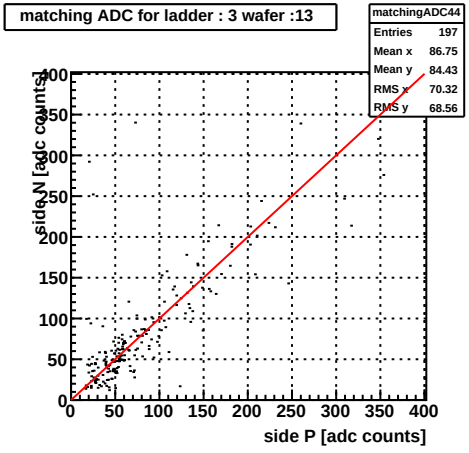

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 428
Mean x 74.08
Mean y 71.38
RMS x 54.3
RMS y 53.76
side N [adc counts]
side P [adc counts]

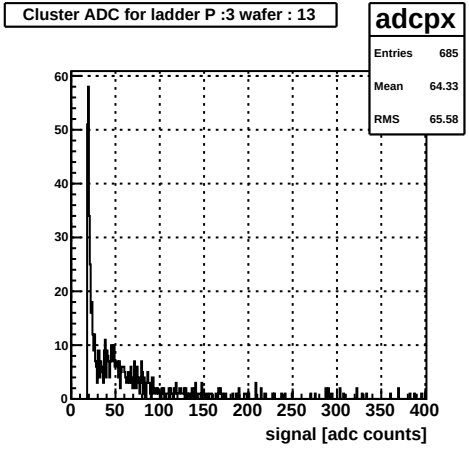

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 658
Mean 67.15
RMS 57.69
signal [adc counts]

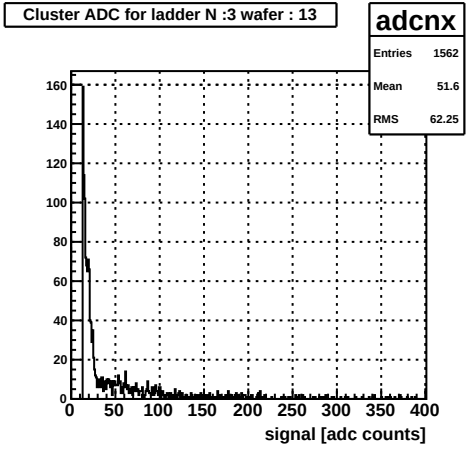

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1986
Mean 53.02
RMS 49.39
signal [adc counts]

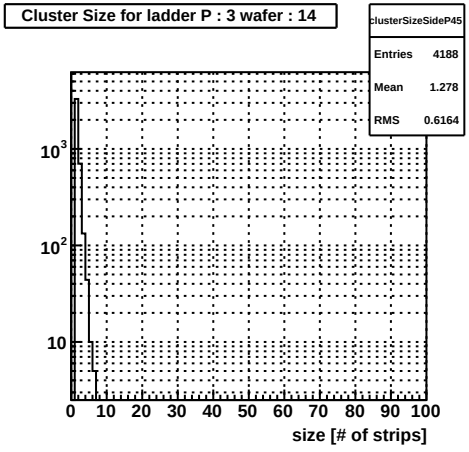

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 685
Mean 1.353
RMS 0.7112
size [# of strips]

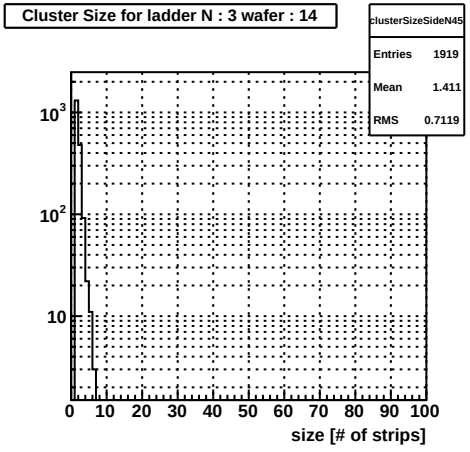

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1562
Mean 1.279
RMS 0.6734
size [# of strips]

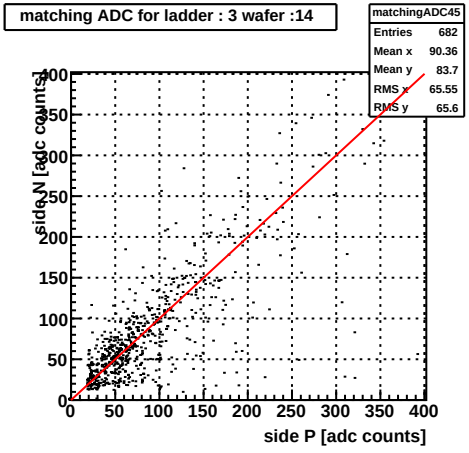

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 197
Mean x 86.75
Mean y 84.43
RMS x 70.32
RMS y 68.56
side N [adc counts]
side P [adc counts]

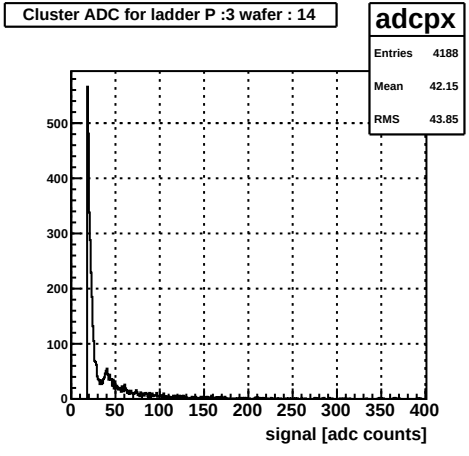

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 685
Mean 64.33
RMS 65.58
signal [adc counts]

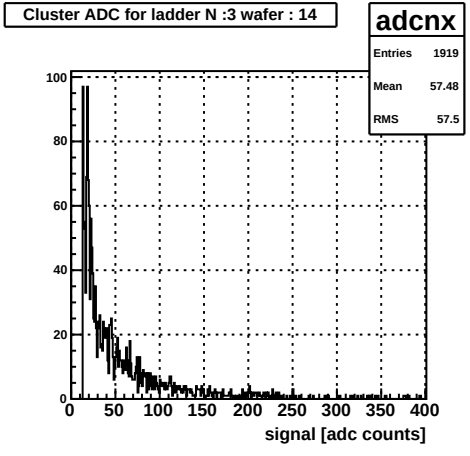

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1562
Mean 51.6
RMS 62.25
signal [adc counts]

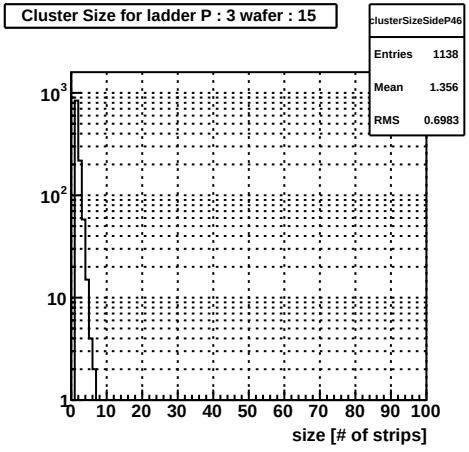

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4188
Mean 1.278
RMS 0.6164
size [# of strips]

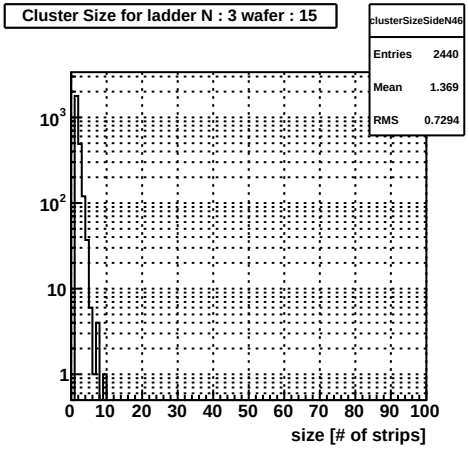

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1919
Mean 1.411
RMS 0.7119
size [# of strips]

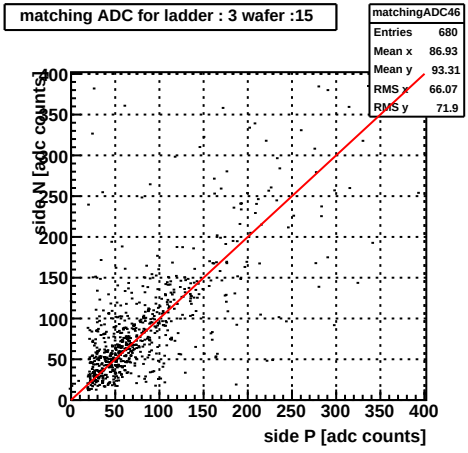

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 682
Mean x 90.36
Mean y 83.7
RMS x 65.55
RMS y 65.6
side N [adc counts]
side P [adc counts]

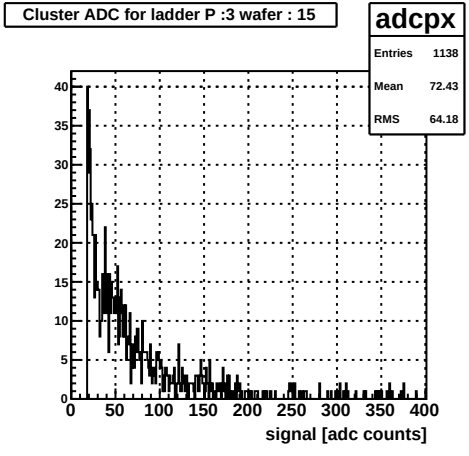

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4188
Mean 42.15
RMS 43.85
signal [adc counts]

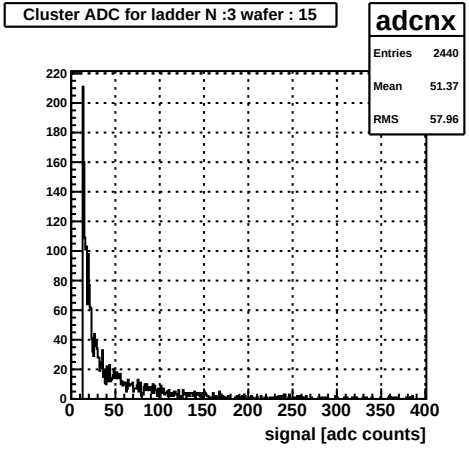

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1919
Mean 57.48
RMS 57.5
signal [adc counts]

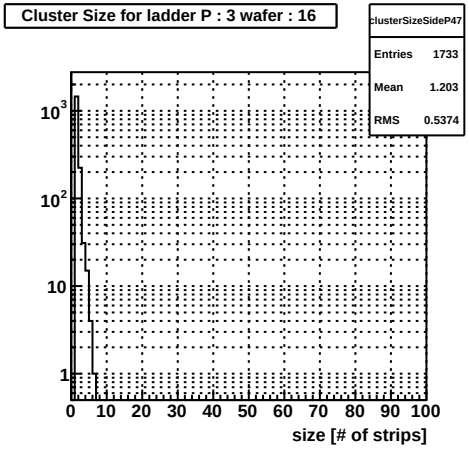

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1138
Mean 1.356
RMS 0.6983
size [# of strips]

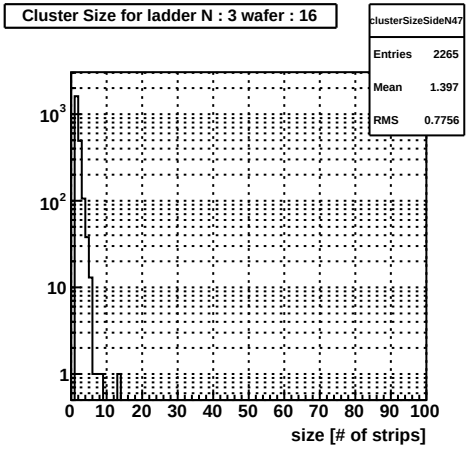

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2440
Mean 1.369
RMS 0.7294
size [# of strips]

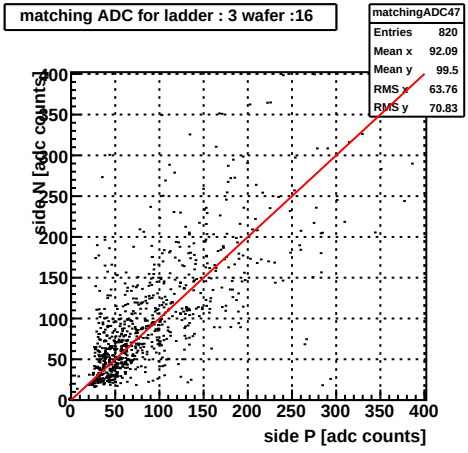

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 680
Mean x 86.93
Mean y 93.31
RMS x 66.07
RMS y 71.9
side N [adc counts]
side P [adc counts]

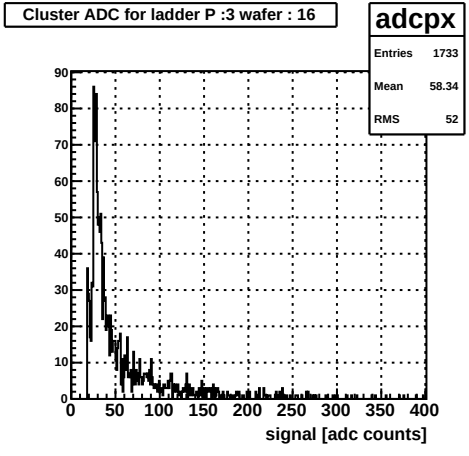

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1138
Mean 72.43
RMS 64.18
signal [adc counts]

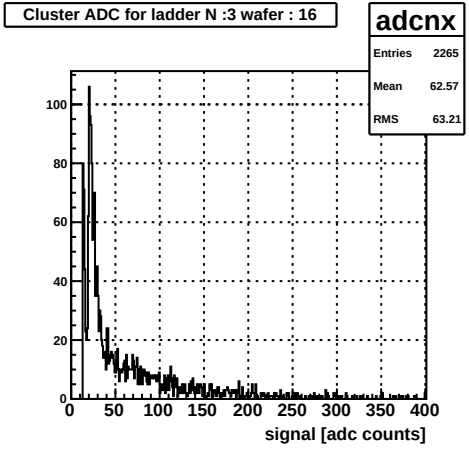

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2440
Mean 51.37
RMS 57.96
signal [adc counts]

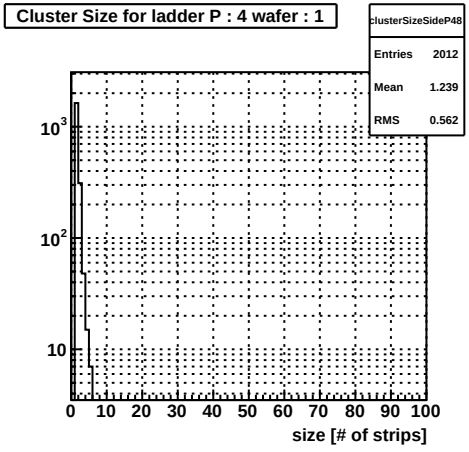

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1733
Mean 1.203
RMS 0.5374
size [# of strips]

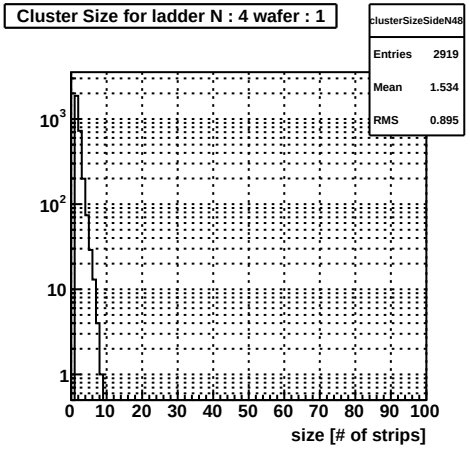

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2265
Mean 1.397
RMS 0.7756
size [# of strips]

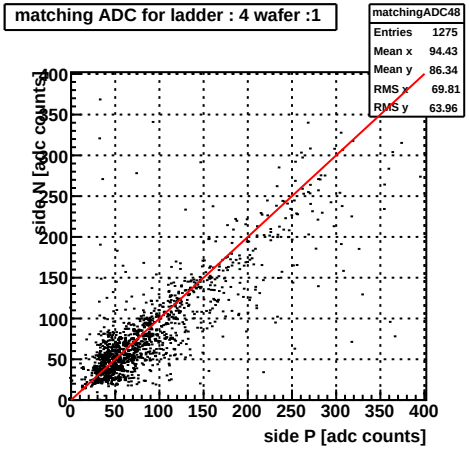

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 820
Mean x 92.09
Mean y 99.5
RMS x 63.76
RMS y 70.83
side N [adc counts]
side P [adc counts]

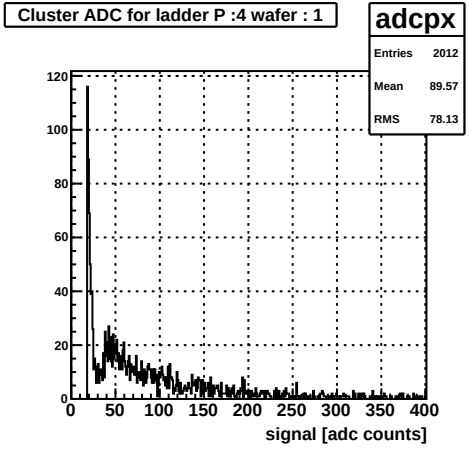

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1733
Mean 58.34
RMS 52
signal [adc counts]

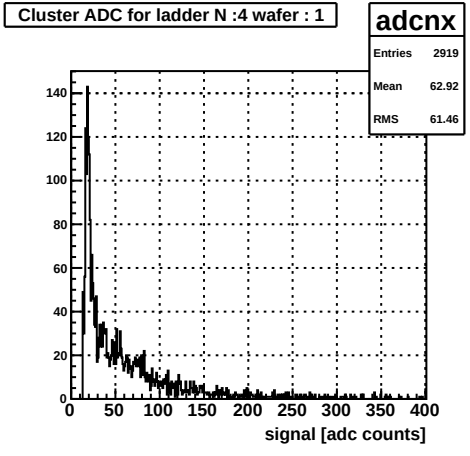

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2265
Mean 62.57
RMS 63.21
signal [adc counts]

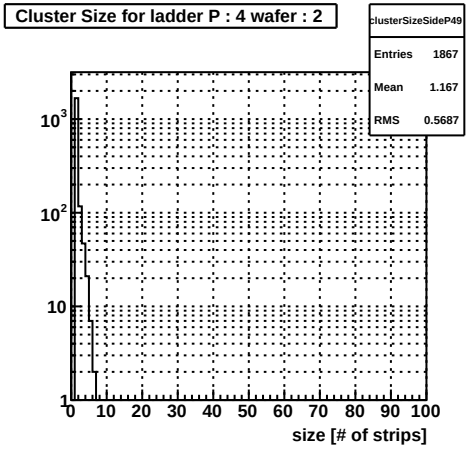

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2012
Mean 1.239
RMS 0.562
size [# of strips]

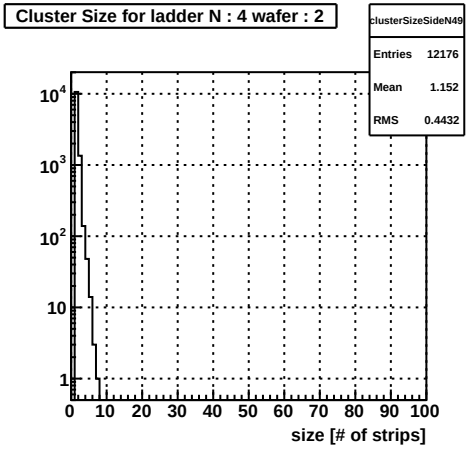

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2919
Mean 1.534
RMS 0.895
size [# of strips]

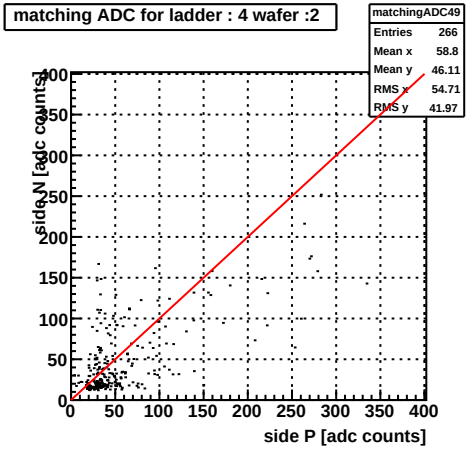

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1275
Mean x 94.43
Mean y 86.34
RMS x 69.81
RMS y 63.96
side N [adc counts]
side P [adc counts]

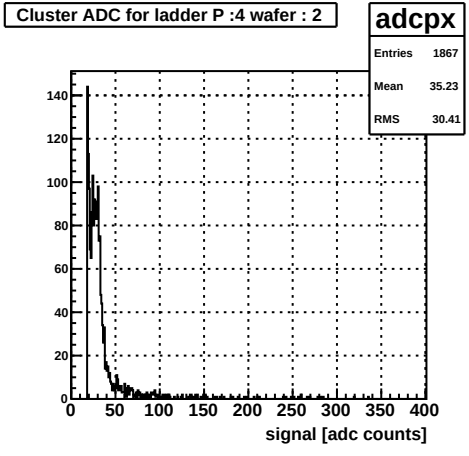

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2012
Mean 89.57
RMS 78.13
signal [adc counts]

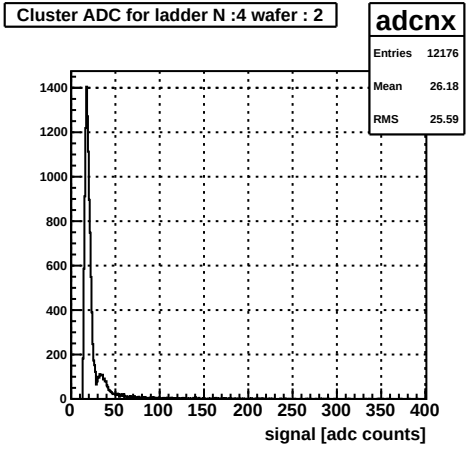

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2919
Mean 62.92
RMS 61.46
signal [adc counts]

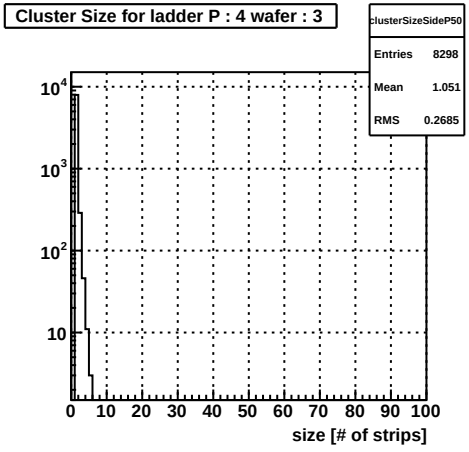

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 1867
Mean 1.167
RMS 0.5687
size [# of strips]

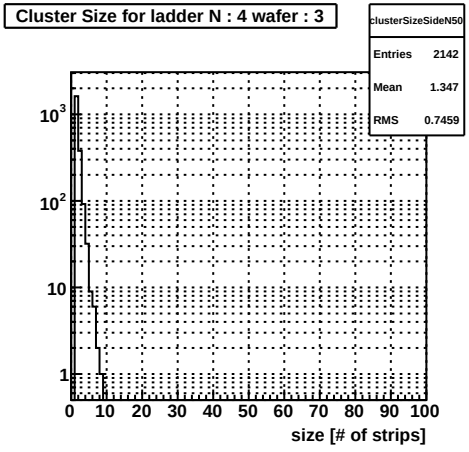

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 12176
Mean 1.152
RMS 0.4432
size [# of strips]

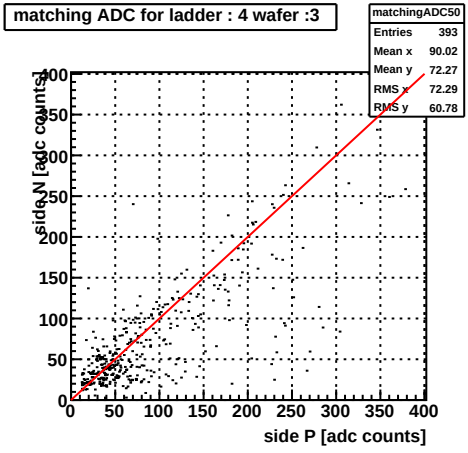

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 266
Mean x 58.8
Mean y 46.11
RMS x 54.71
RMS y 41.97
side N [adc counts]
side P [adc counts]

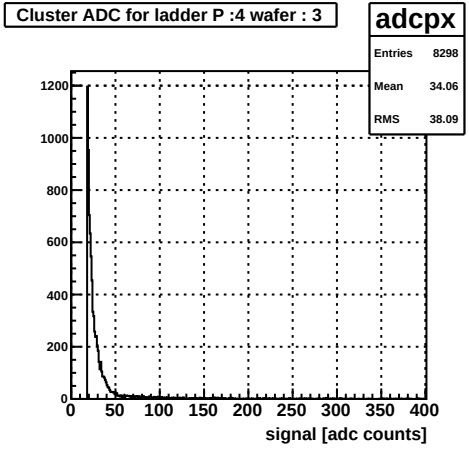

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 1867
Mean 35.23
RMS 30.41
signal [adc counts]

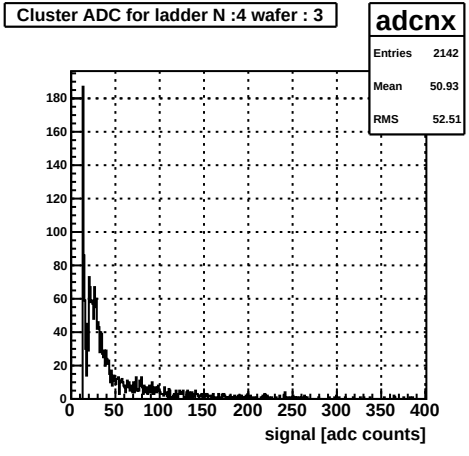

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 12176
Mean 26.18
RMS 25.59
signal [adc counts]

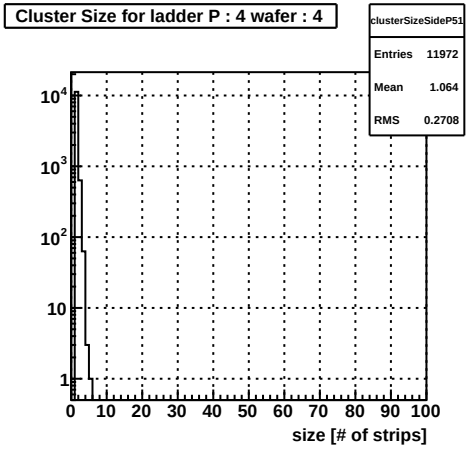

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8298
Mean 1.051
RMS 0.2685
size [# of strips]

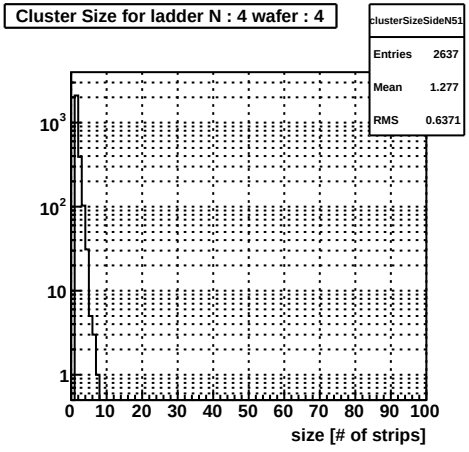

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2142
Mean 1.347
RMS 0.7459
size [# of strips]

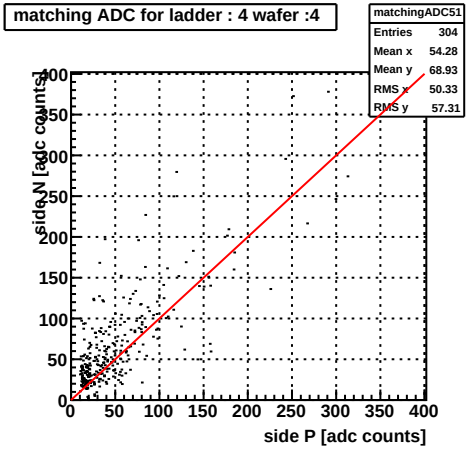

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 393
Mean x 90.02
Mean y 72.27
RMS x 72.29
RMS y 60.78
side N [adc counts]
side P [adc counts]

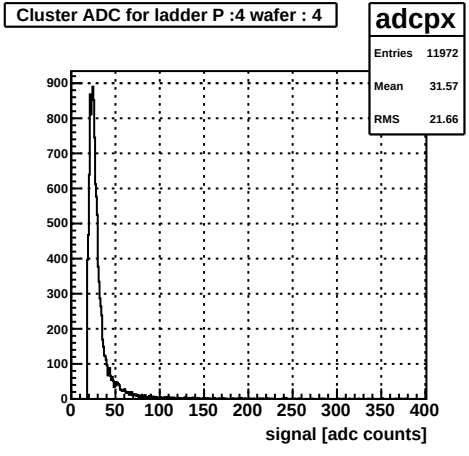

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8298
Mean 34.06
RMS 38.09
signal [adc counts]

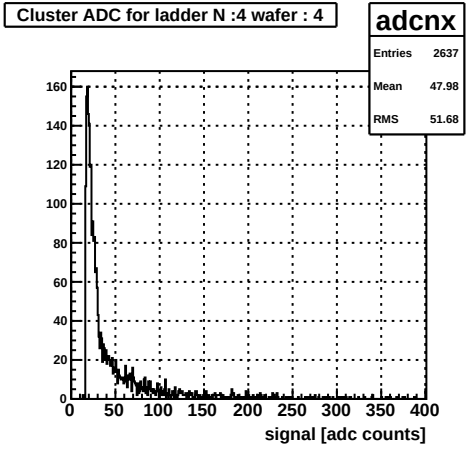

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2142
Mean 50.93
RMS 52.51
signal [adc counts]

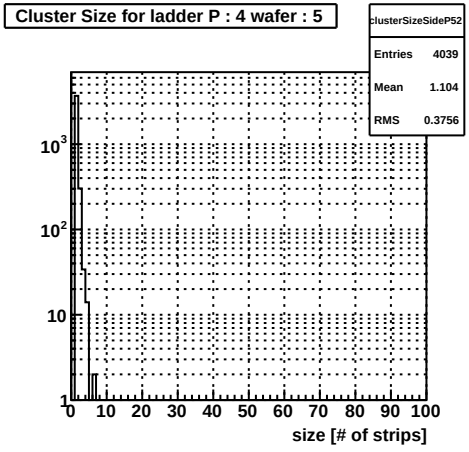

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11972
Mean 1.064
RMS 0.2708
size [# of strips]

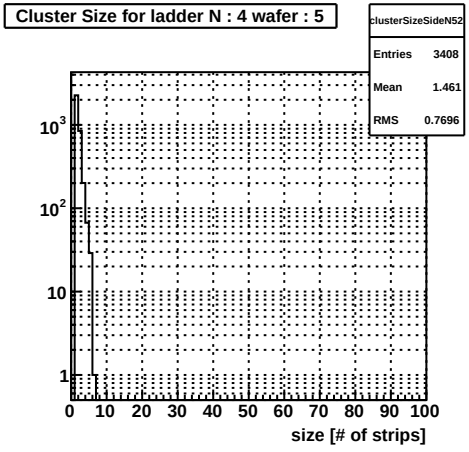

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2637
Mean 1.277
RMS 0.6371
size [# of strips]

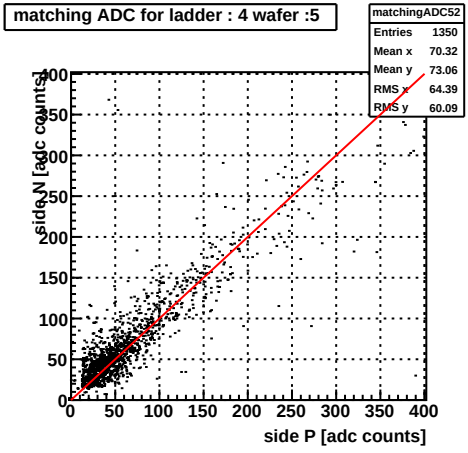

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 304
Mean x 54.28
Mean y 68.93
RMS x 50.33
RMS y 57.31
side N [adc counts]
side P [adc counts]

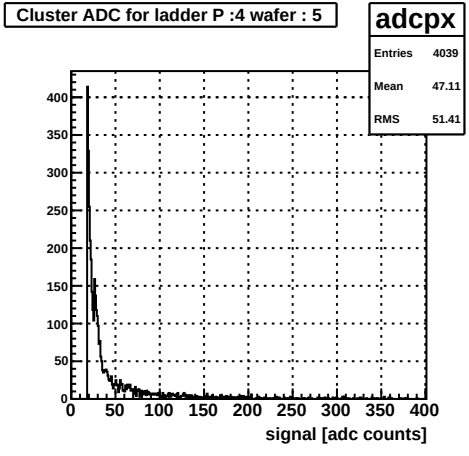

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11972
Mean 31.57
RMS 21.66
signal [adc counts]

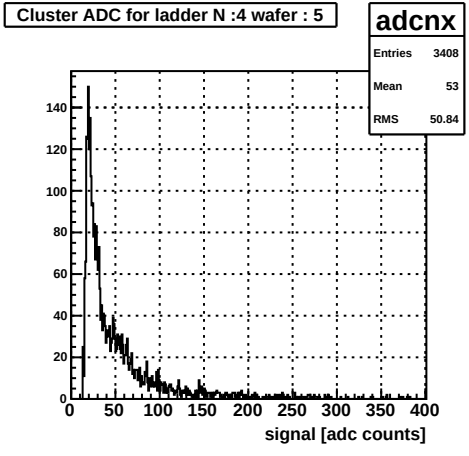

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2637
Mean 47.98
RMS 51.68
signal [adc counts]

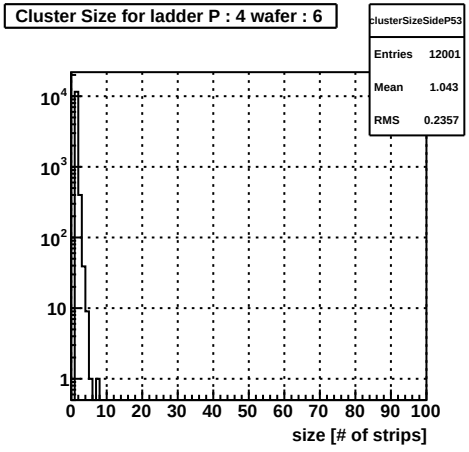

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 4039
Mean 1.104
RMS 0.3756
size [# of strips]

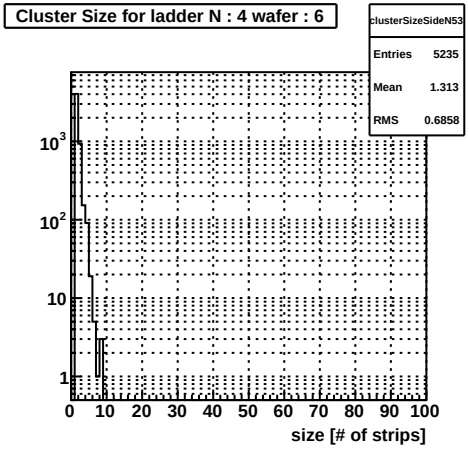

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3408
Mean 1.461
RMS 0.7696
size [# of strips]

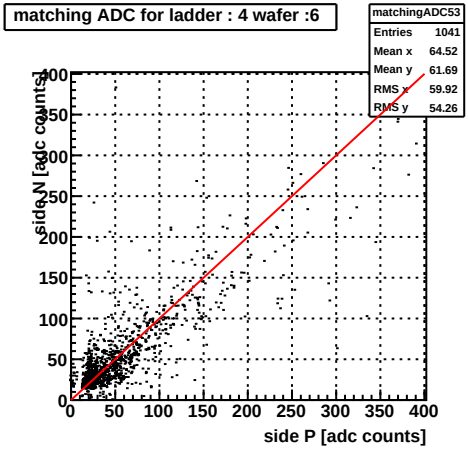

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1350
Mean x 70.32
Mean y 73.06
RMS x 64.39
RMS y 60.09
side N [adc counts]
side P [adc counts]

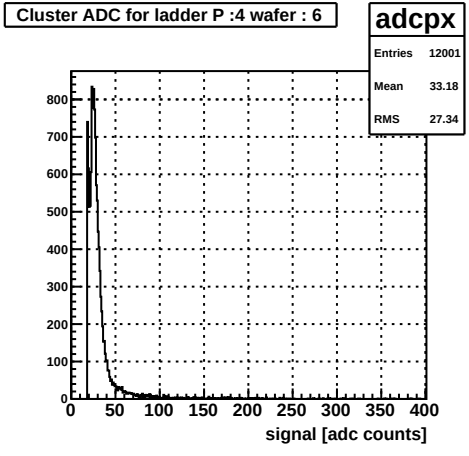

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 4039
Mean 47.11
RMS 51.41
signal [adc counts]

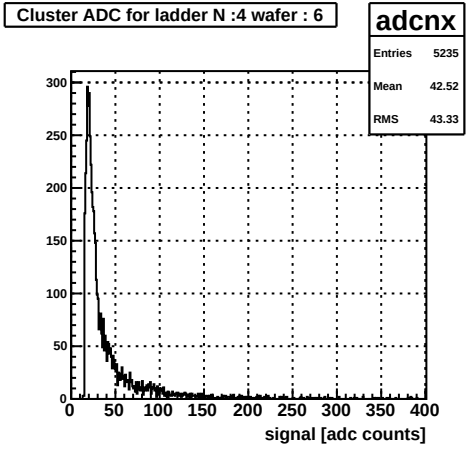

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3408
Mean 53
RMS 50.84
signal [adc counts]

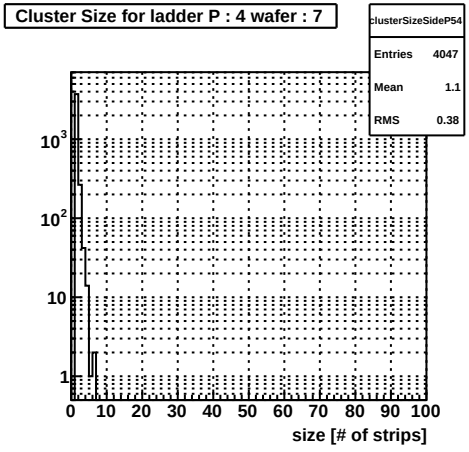

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 12001
Mean 1.043
RMS 0.2357
size [# of strips]

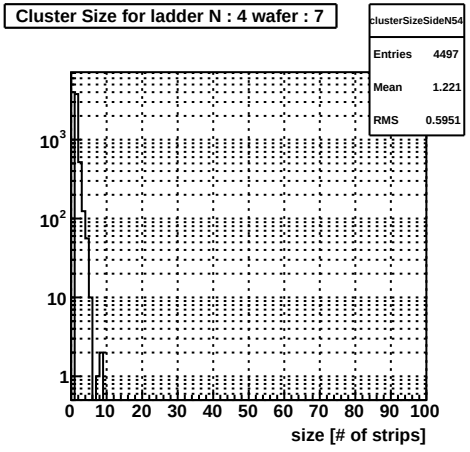

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5235
Mean 1.313
RMS 0.6858
size [# of strips]

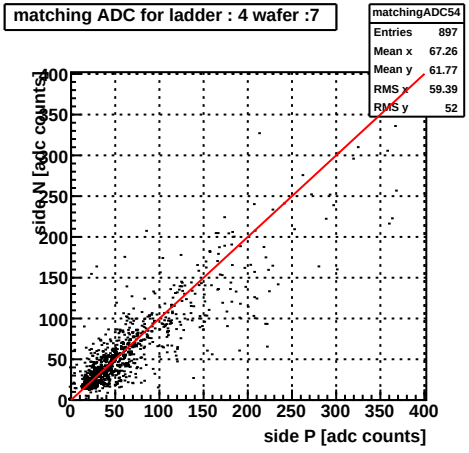

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1041
Mean x 64.52
Mean y 61.69
RMS x 59.92
RMS y 54.26
side N [adc counts]
side P [adc counts]

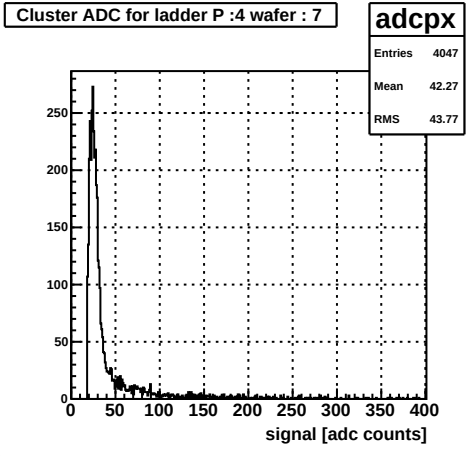

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 12001
Mean 33.18
RMS 27.34
signal [adc counts]

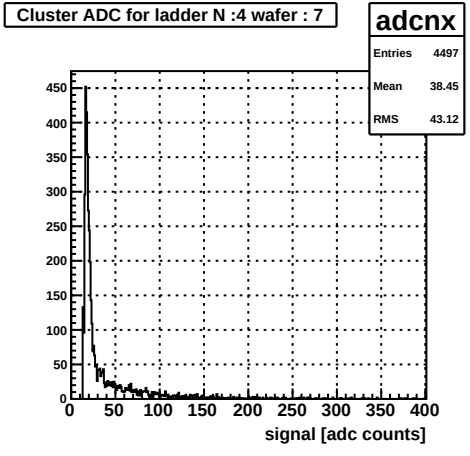

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5235
Mean 42.52
RMS 43.33
signal [adc counts]

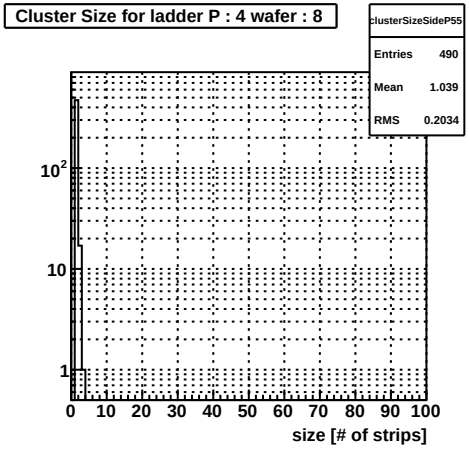

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4047
Mean 1.1
RMS 0.38
size [# of strips]

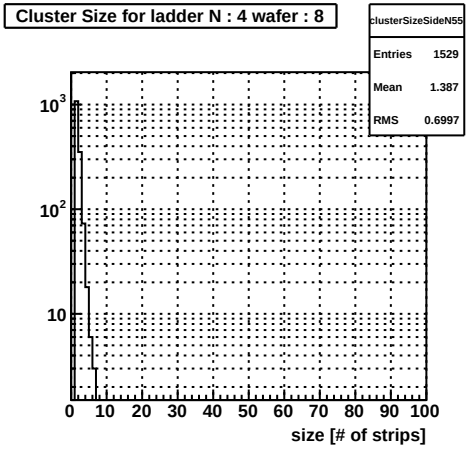

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4497
Mean 1.221
RMS 0.5951
size [# of strips]

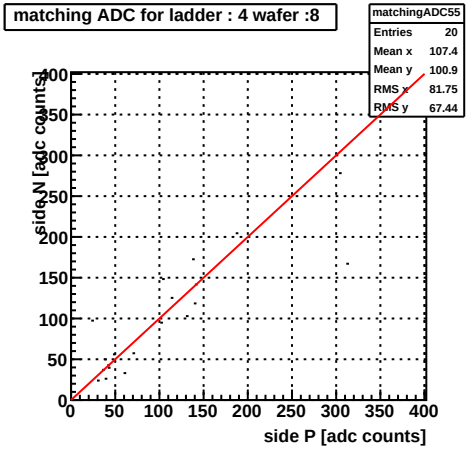

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 897
Mean x 67.26
Mean y 61.77
RMS x 59.39
RMS y 52
side N [adc counts]
side P [adc counts]

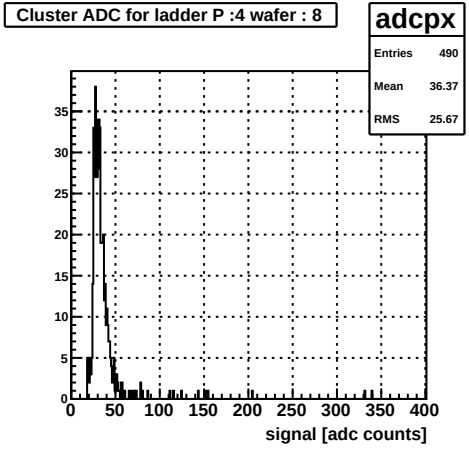

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4047
Mean 42.27
RMS 43.77
signal [adc counts]

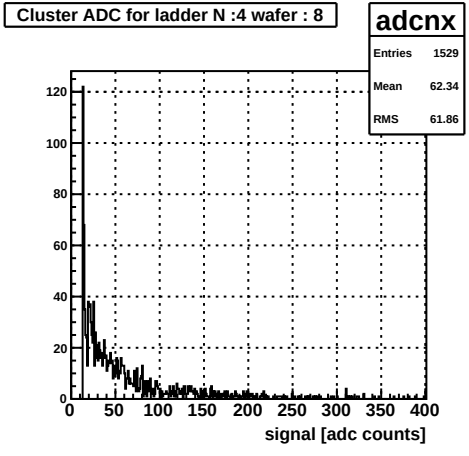

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4497
Mean 38.45
RMS 43.12
signal [adc counts]

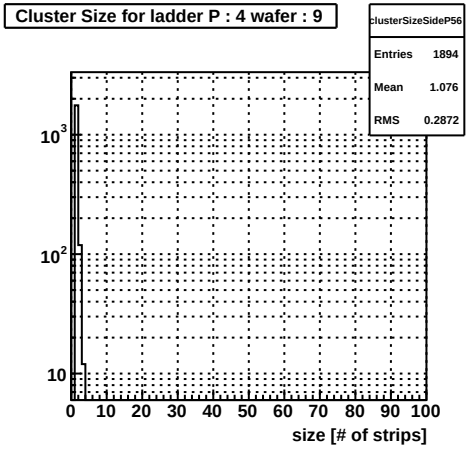

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 490
Mean 1.039
RMS 0.2034
size [# of strips]

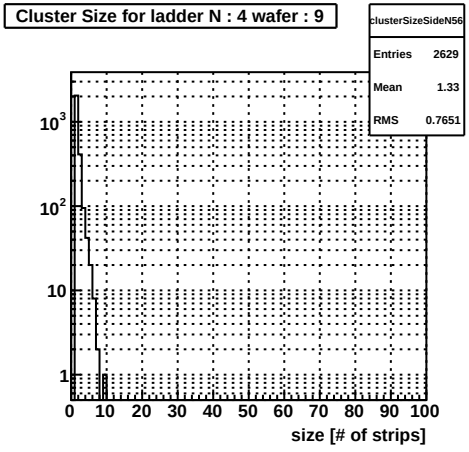

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1529
Mean 1.387
RMS 0.6997
size [# of strips]

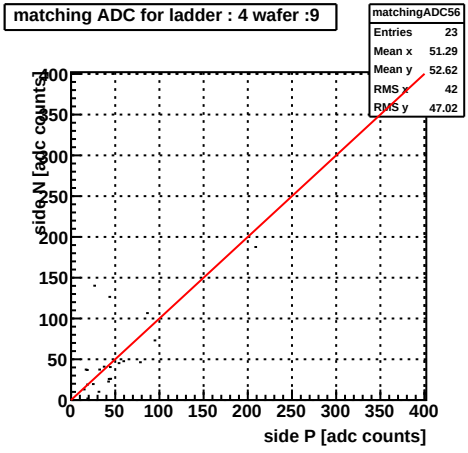

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 20
Mean x 107.4
Mean y 100.9
RMS x 81.75
RMS y 67.44
side N [adc counts]
side P [adc counts]

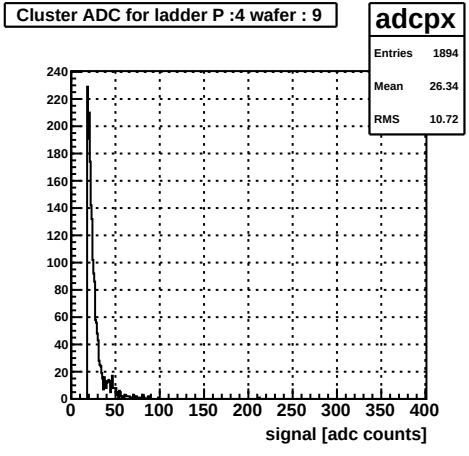

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 490
Mean 36.37
RMS 25.67
signal [adc counts]

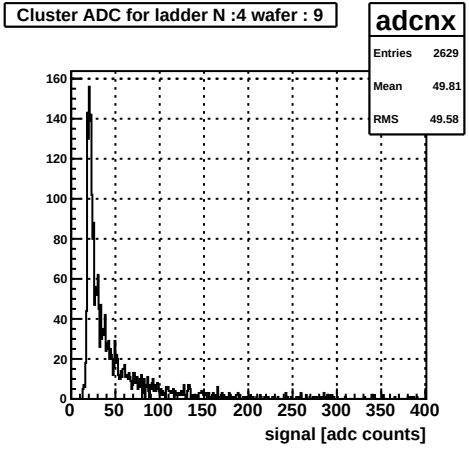

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1529
Mean 62.34
RMS 61.86
signal [adc counts]

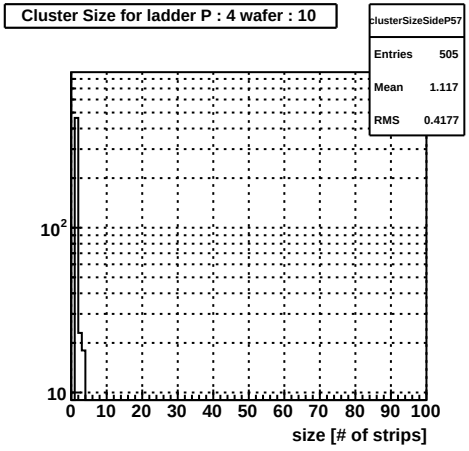

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1894
Mean 1.076
RMS 0.2872
size [# of strips]

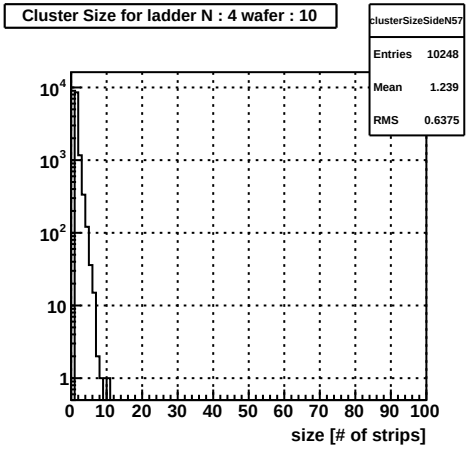

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2629
Mean 1.33
RMS 0.7651
size [# of strips]

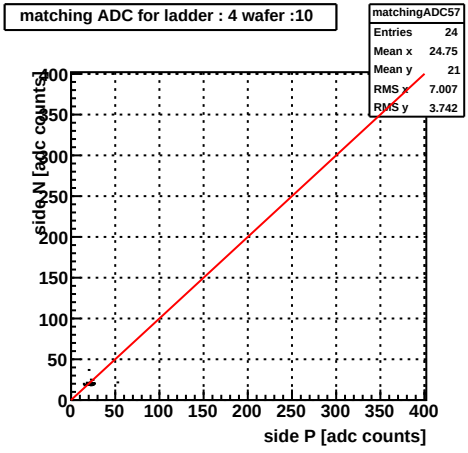

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 23
Mean x 51.29
Mean y 52.62
RMS x 42
RMS y 47.02
side N [adc counts]
side P [adc counts]

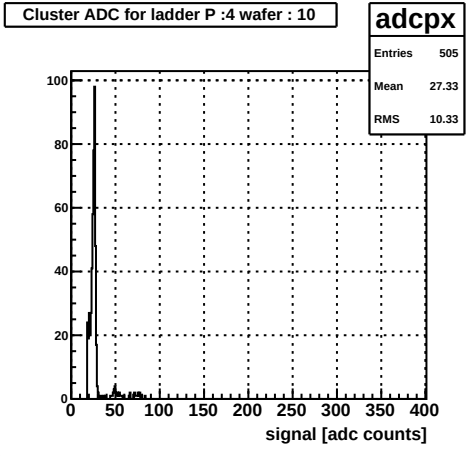

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1894
Mean 26.34
RMS 10.72
signal [adc counts]

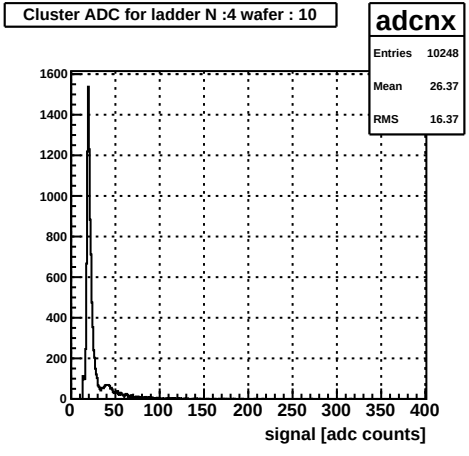

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2629
Mean 49.81
RMS 49.58
signal [adc counts]

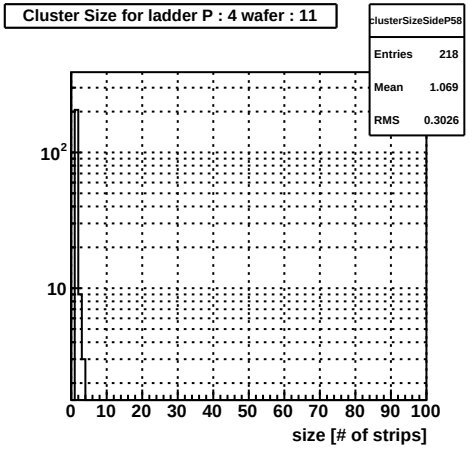

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 505
Mean 1.117
RMS 0.4177
size [# of strips]

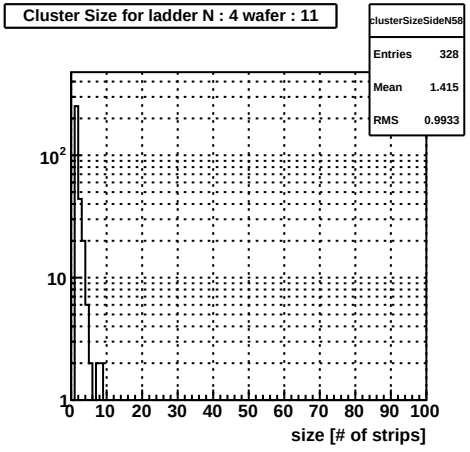

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10248
Mean 1.239
RMS 0.6375
size [# of strips]

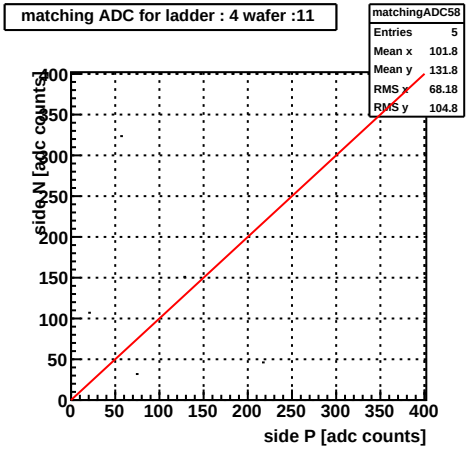

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 24
Mean x 24.75
Mean y 21
RMS x 7.007
RMS y 3.742
side N [adc counts]
side P [adc counts]

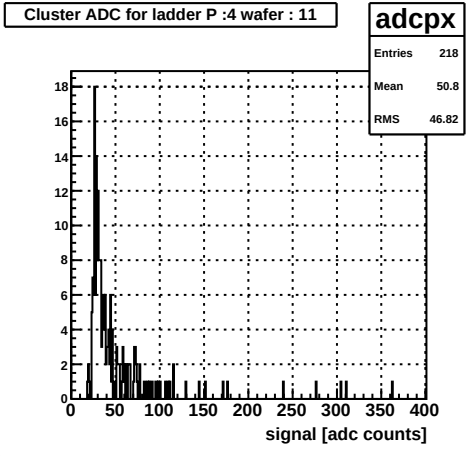

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 505
Mean 27.33
RMS 10.33
signal [adc counts]

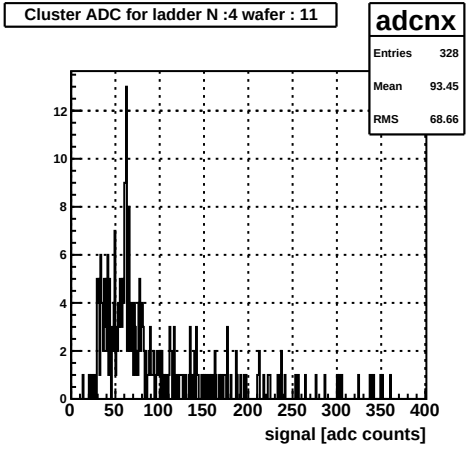

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10248
Mean 26.37
RMS 16.37
signal [adc counts]

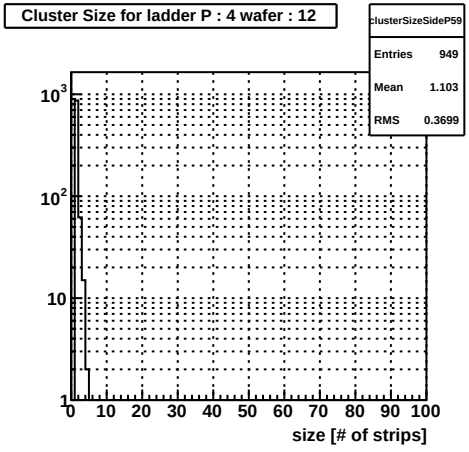

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 218
Mean 1.069
RMS 0.3026
size [# of strips]

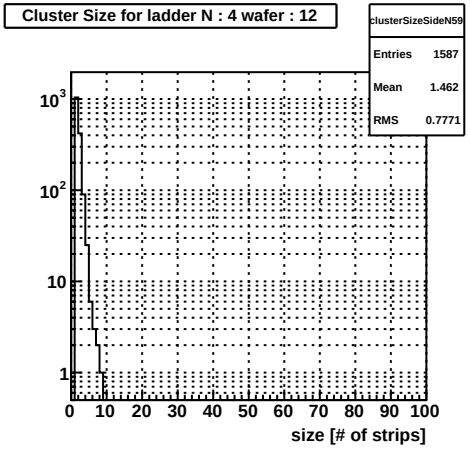

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 328
Mean 1.415
RMS 0.9933
size [# of strips]

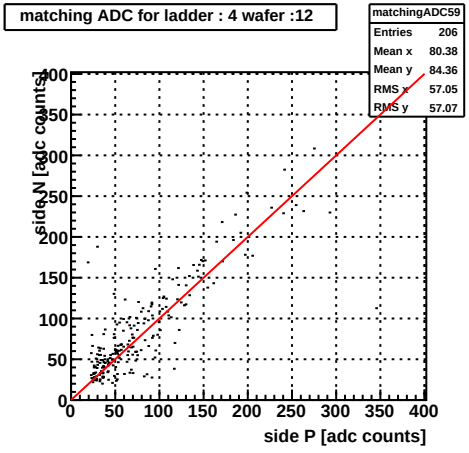

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 101.8
Mean y 131.8
RMS x 68.18
RMS y 104.8
side N [adc counts]
side P [adc counts]

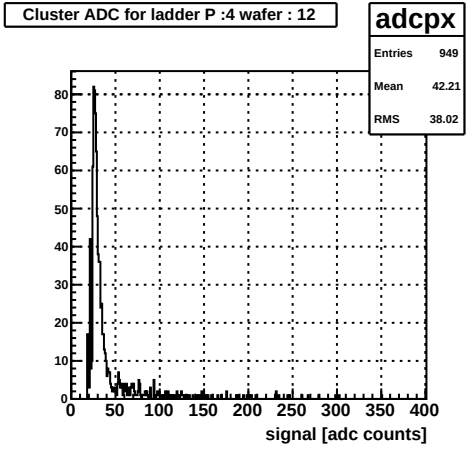

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 218
Mean 50.8
RMS 46.82
signal [adc counts]

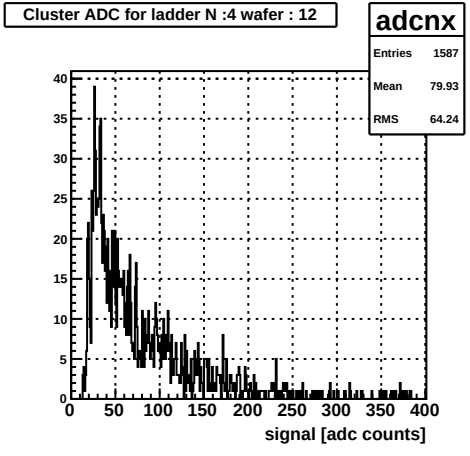

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 328
Mean 93.45
RMS 68.66
signal [adc counts]

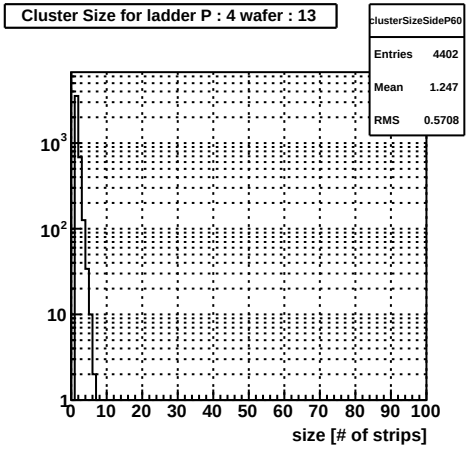

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 949
Mean 1.103
RMS 0.3699
size [# of strips]

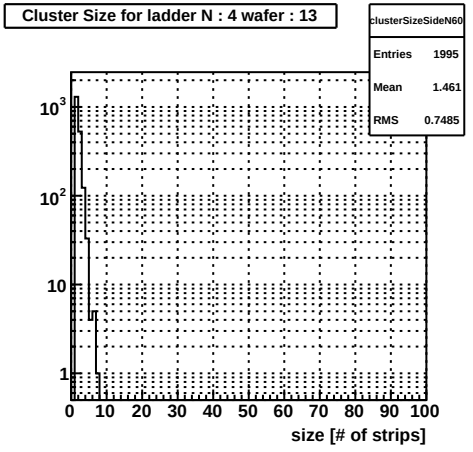

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1587
Mean 1.462
RMS 0.7771
size [# of strips]

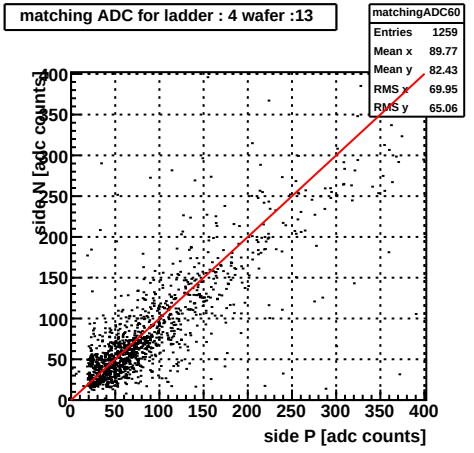

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 206
Mean x 80.38
Mean y 84.36
RMS x 57.05
RMS y 57.07
side N [adc counts]
side P [adc counts]

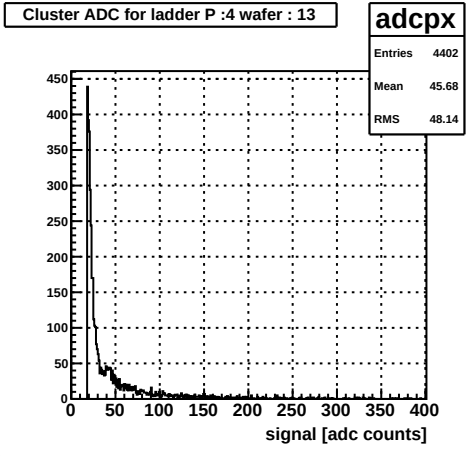

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 949
Mean 42.21
RMS 38.02
signal [adc counts]

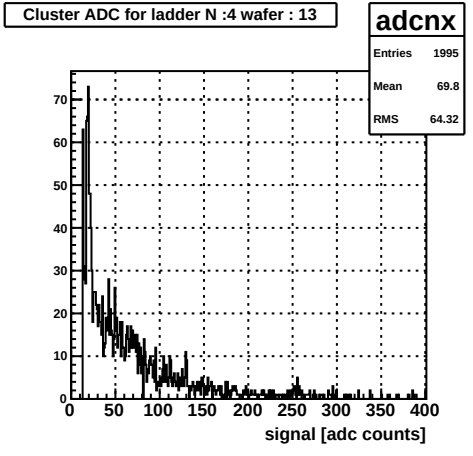

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1587
Mean 79.93
RMS 64.24
signal [adc counts]

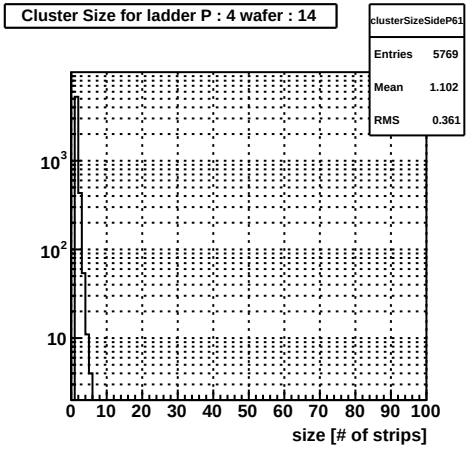

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4402
Mean 1.247
RMS 0.5708
size [# of strips]

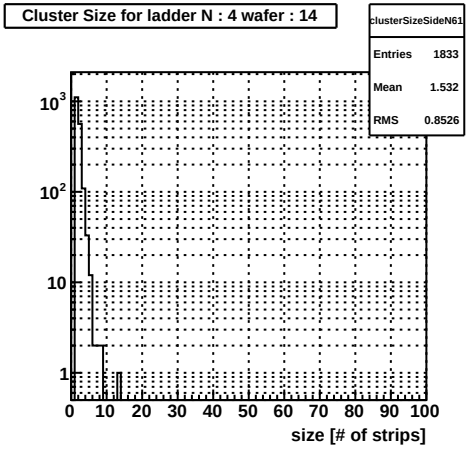

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1995
Mean 1.461
RMS 0.7485
size [# of strips]

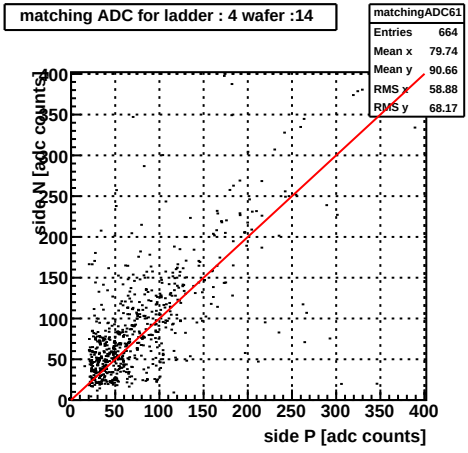

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1259
Mean x 89.77
Mean y 82.43
RMS x 69.95
RMS y 65.06
side N [adc counts]
side P [adc counts]

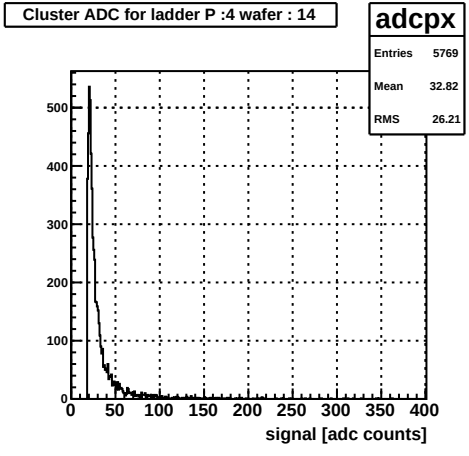

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4402
Mean 45.68
RMS 48.14
signal [adc counts]

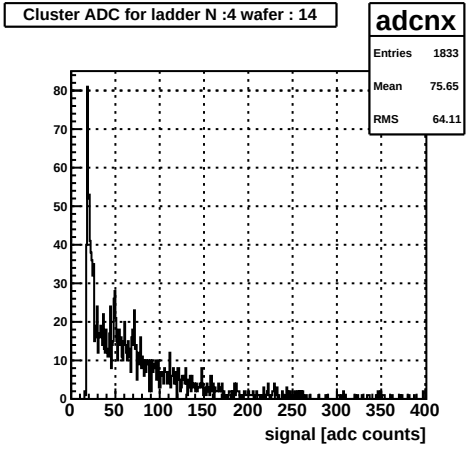

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1995
Mean 69.8
RMS 64.32
signal [adc counts]

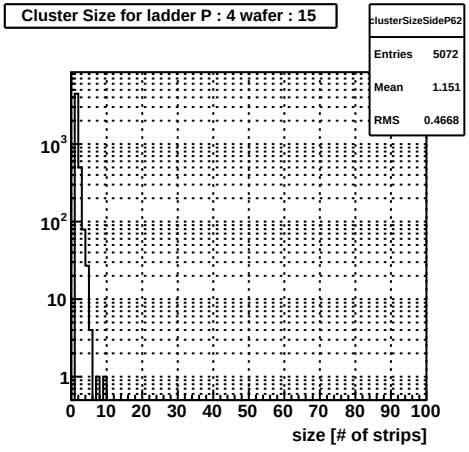

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5769
Mean 1.102
RMS 0.361
size [# of strips]

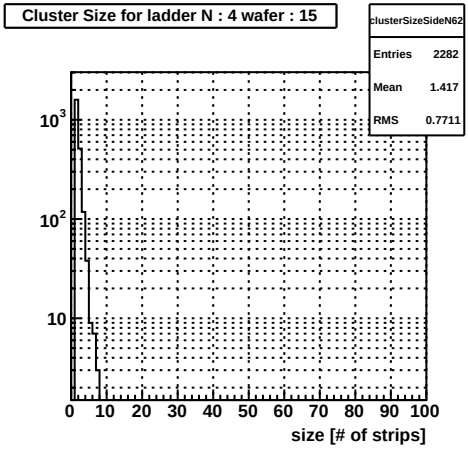

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1833
Mean 1.532
RMS 0.8526
size [# of strips]

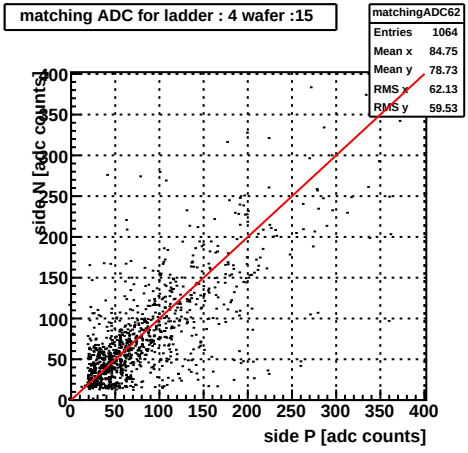

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 664
Mean x 79.74
Mean y 90.66
RMS x 58.88
RMS y 68.17
side N [adc counts]
side P [adc counts]

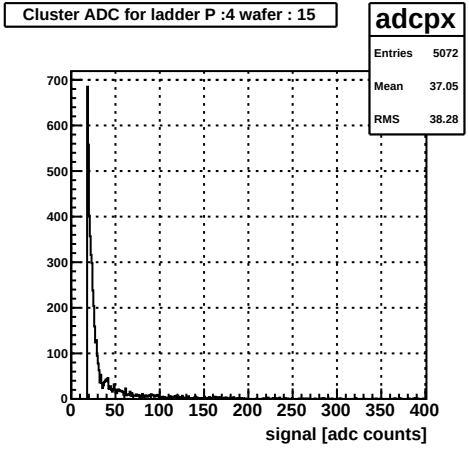

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5769
Mean 32.82
RMS 26.21
signal [adc counts]

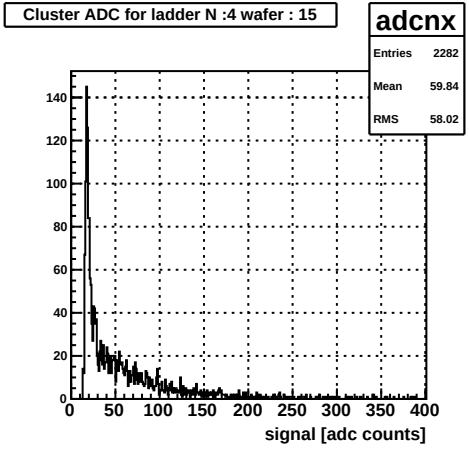

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1833
Mean 75.65
RMS 64.11
signal [adc counts]

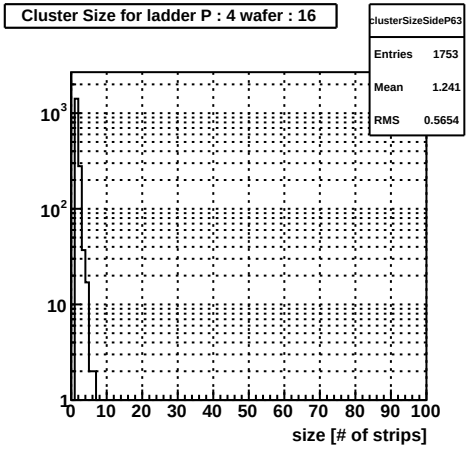

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5072
Mean 1.151
RMS 0.4668
size [# of strips]

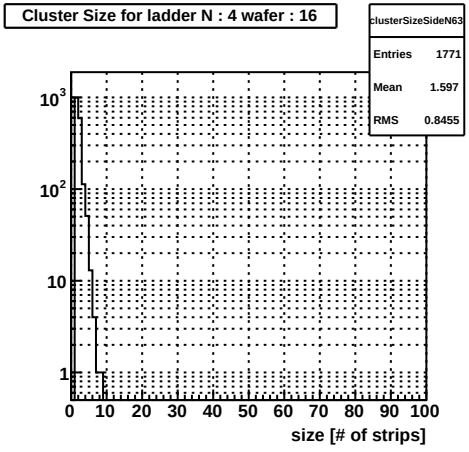

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2282
Mean 1.417
RMS 0.7711
size [# of strips]

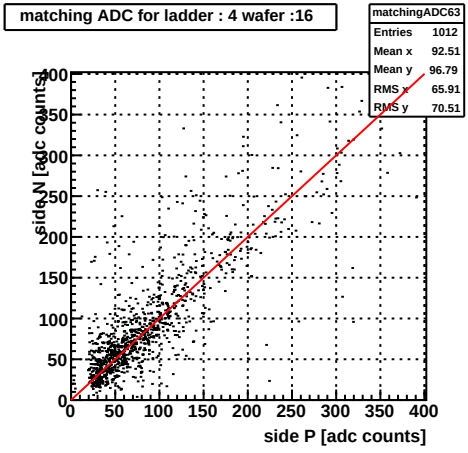

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1064
Mean x 84.75
Mean y 78.73
RMS x 62.13
RMS y 59.53
side N [adc counts]
side P [adc counts]

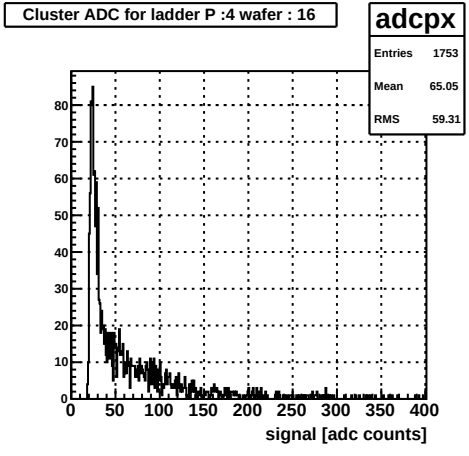

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5072
Mean 37.05
RMS 38.28
signal [adc counts]

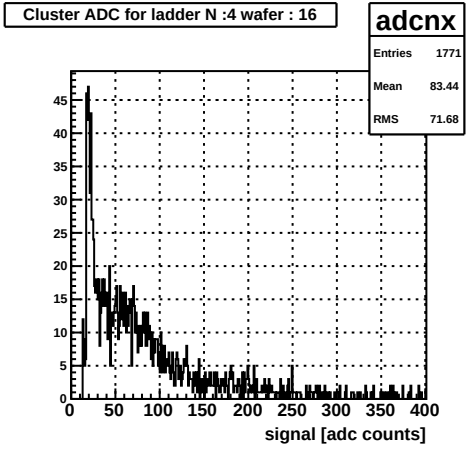

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2282
Mean 59.84
RMS 58.02
signal [adc counts]

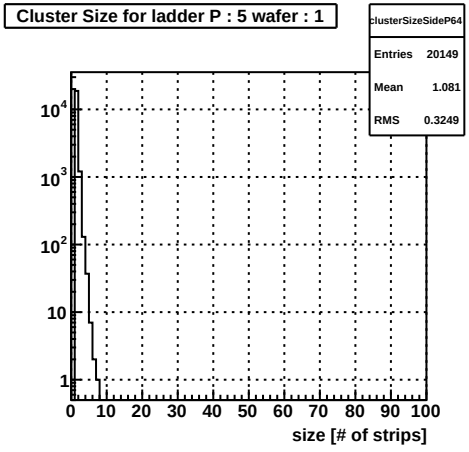

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1753
Mean 1.241
RMS 0.5654
size [# of strips]

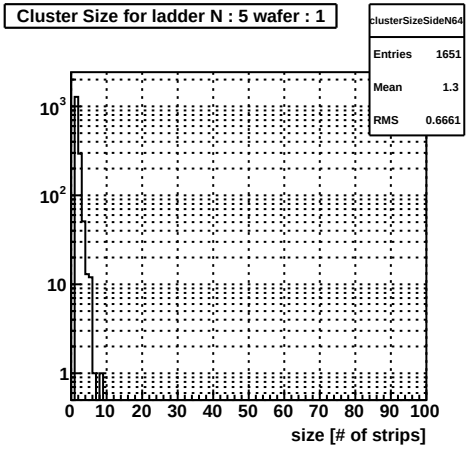

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1771
Mean 1.597
RMS 0.8455
size [# of strips]

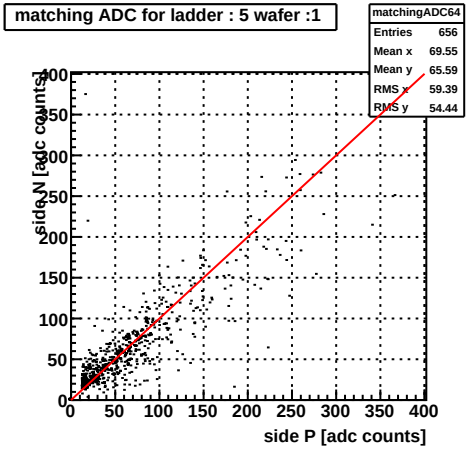

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1012
Mean x 92.51
Mean y 96.79
RMS x 65.91
RMS y 70.51
side N [adc counts]
side P [adc counts]

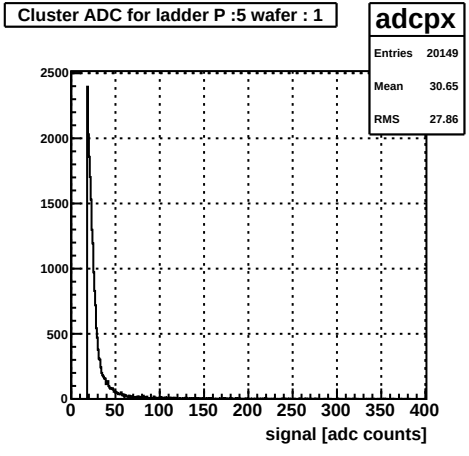

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1753
Mean 65.05
RMS 59.31
signal [adc counts]

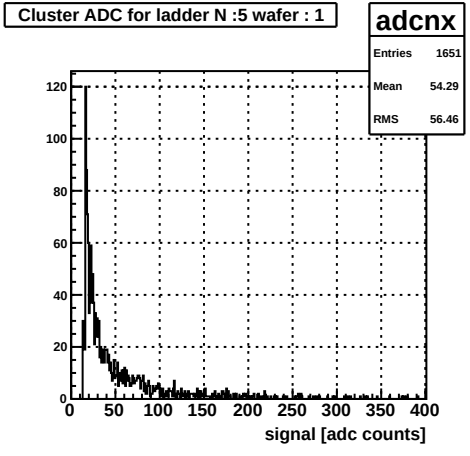

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1771
Mean 83.44
RMS 71.68
signal [adc counts]

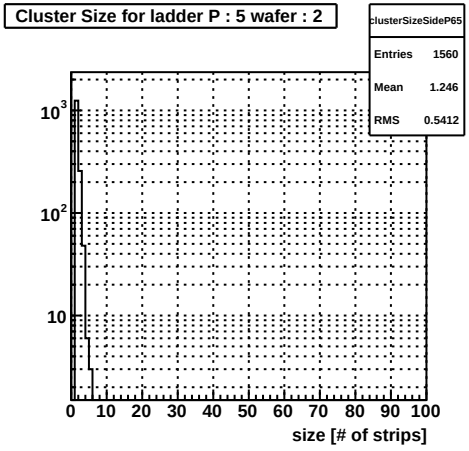

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20149
Mean 1.081
RMS 0.3249
size [# of strips]

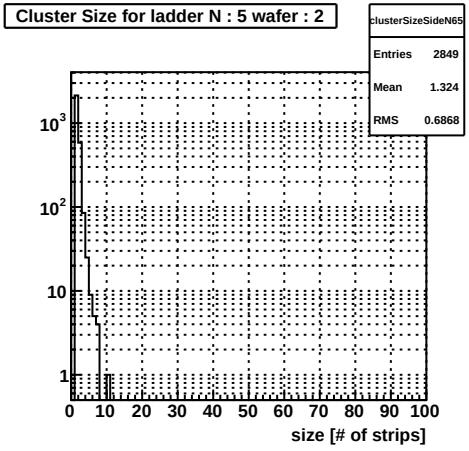

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1651
Mean 1.3
RMS 0.6661
size [# of strips]

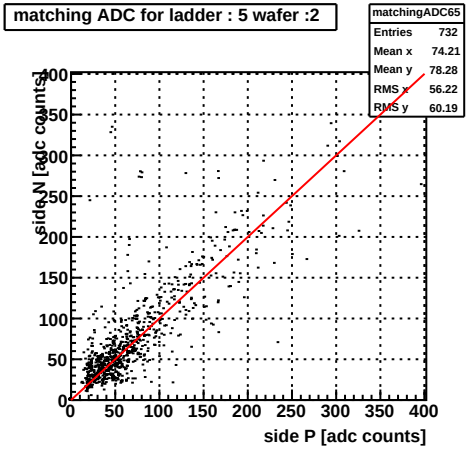

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 656
Mean x 69.55
Mean y 65.59
RMS x 59.39
RMS y 54.44
side N [adc counts]
side P [adc counts]

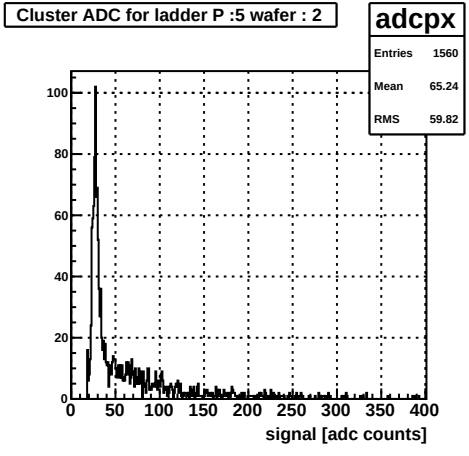

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20149
Mean 30.65
RMS 27.86
signal [adc counts]

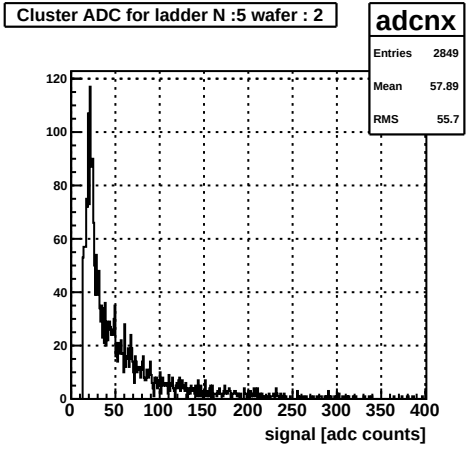

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1651
Mean 54.29
RMS 56.46
signal [adc counts]

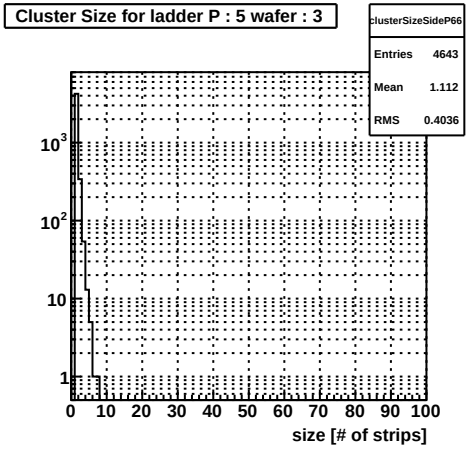

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1560
Mean 1.246
RMS 0.5412
size [# of strips]

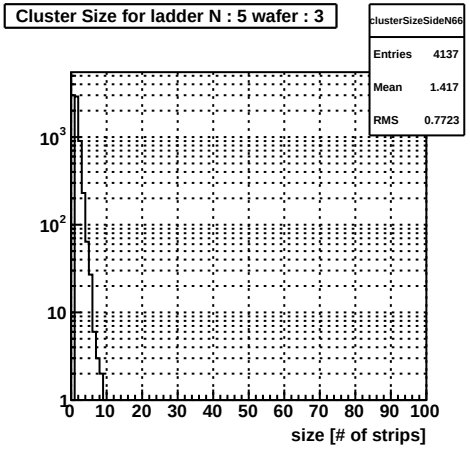

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2849
Mean 1.324
RMS 0.6868
size [# of strips]

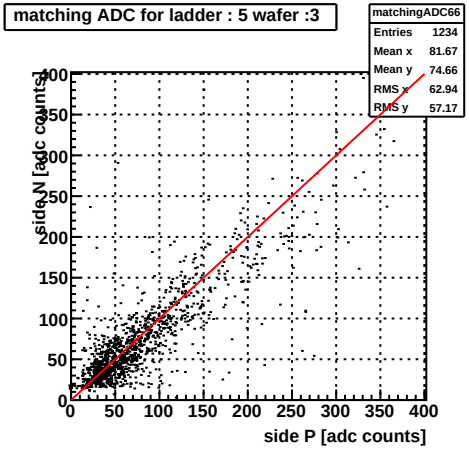

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 732
Mean x 74.21
Mean y 78.28
RMS x 56.22
RMS y 60.19
side N [adc counts]
side P [adc counts]

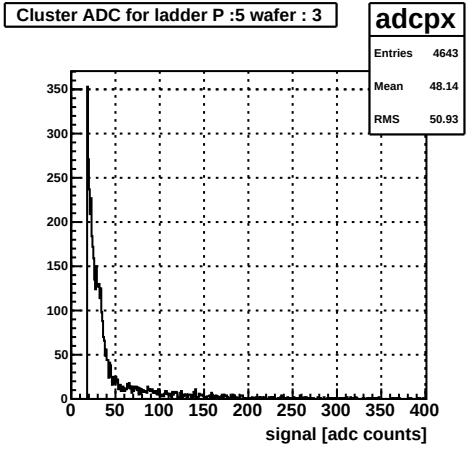

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1560
Mean 65.24
RMS 59.82
signal [adc counts]

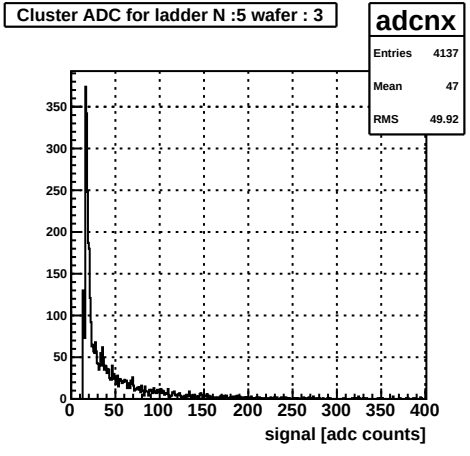

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2849
Mean 57.89
RMS 55.7
signal [adc counts]

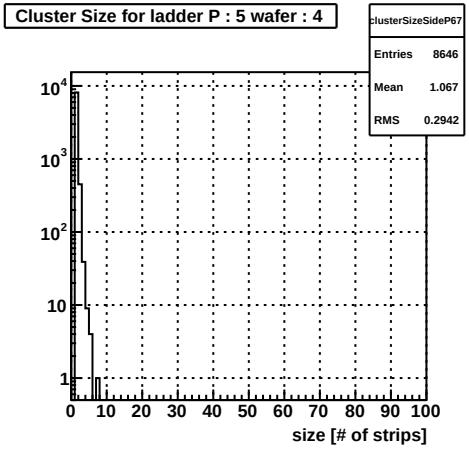

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 4643
Mean 1.112
RMS 0.4036
size [# of strips]

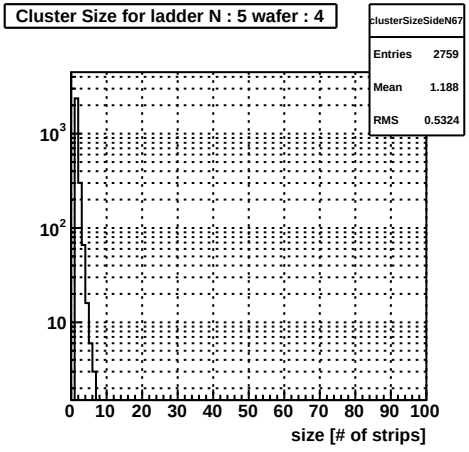

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4137
Mean 1.417
RMS 0.7723
size [# of strips]

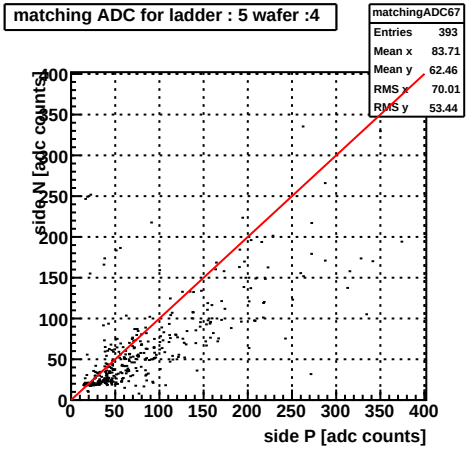

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1234
Mean x 81.67
Mean y 74.66
RMS x 62.94
RMS y 57.17
side N [adc counts]
side P [adc counts]

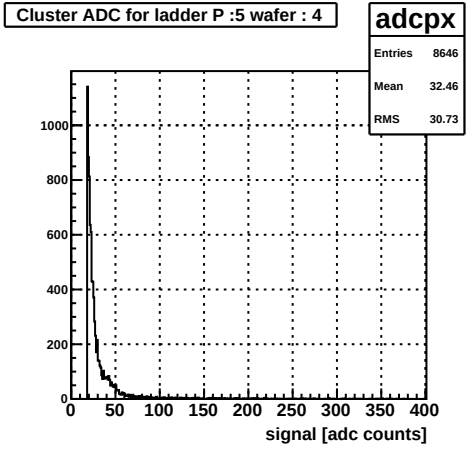

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 4643
Mean 48.14
RMS 50.93
signal [adc counts]

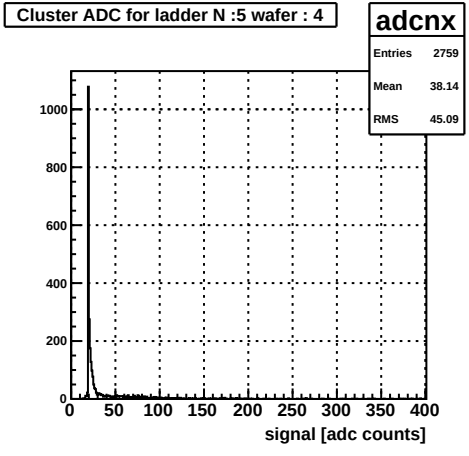

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4137
Mean 47
RMS 49.92
signal [adc counts]

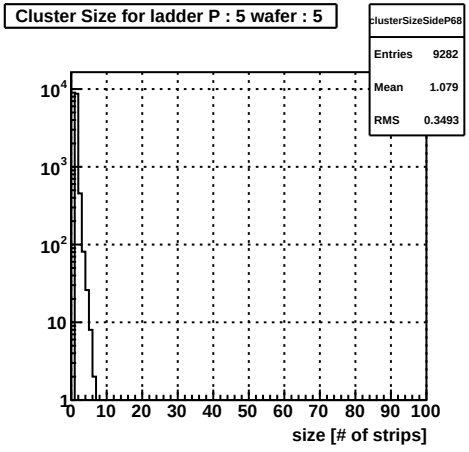

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8646
Mean 1.067
RMS 0.2942
size [# of strips]

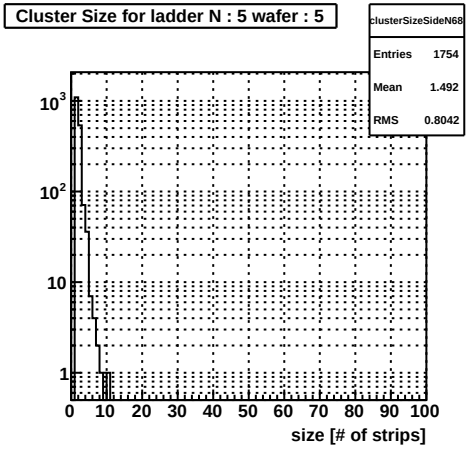

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2759
Mean 1.188
RMS 0.5324
size [# of strips]

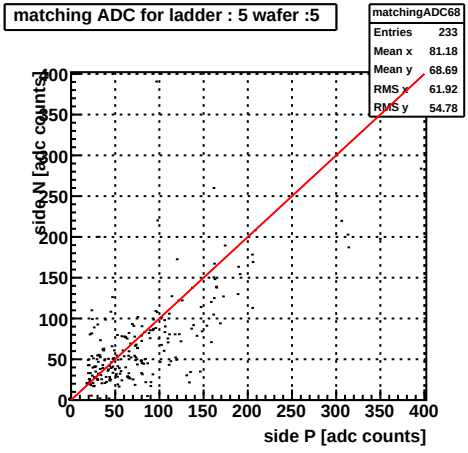

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 393
Mean x 83.71
Mean y 62.46
RMS x 70.01
RMS y 53.44
side N [adc counts]
side P [adc counts]

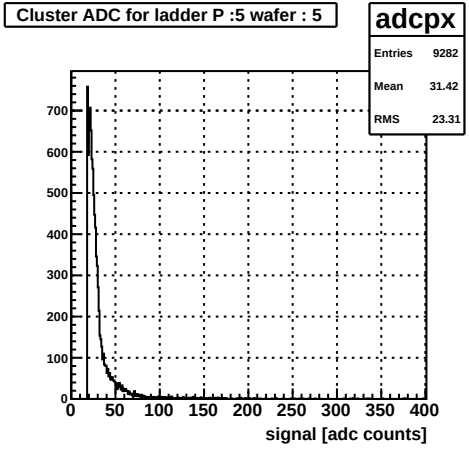

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8646
Mean 32.46
RMS 30.73
signal [adc counts]

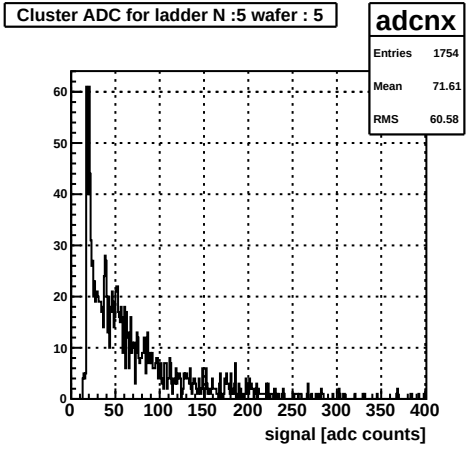

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2759
Mean 38.14
RMS 45.09
signal [adc counts]

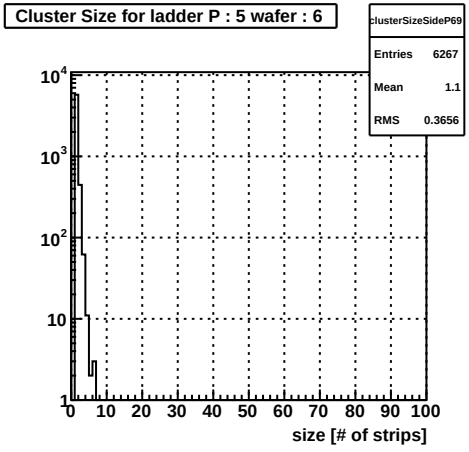

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 9282
Mean 1.079
RMS 0.3493
size [# of strips]

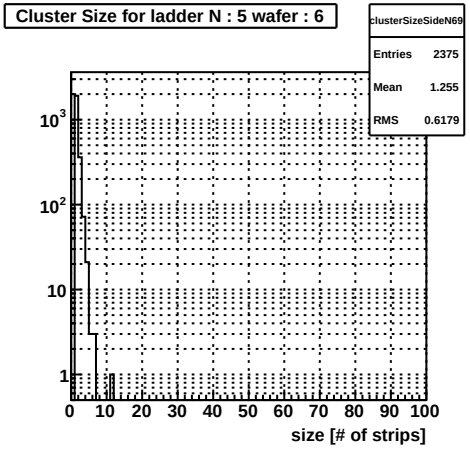

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1754
Mean 1.492
RMS 0.8042
size [# of strips]

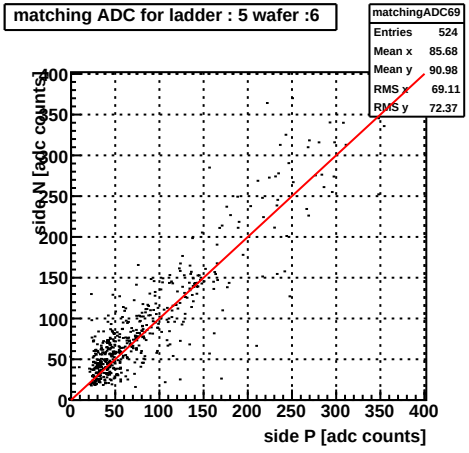

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 233
Mean x 81.18
Mean y 68.69
RMS x 61.92
RMS y 54.78
side N [adc counts]
side P [adc counts]

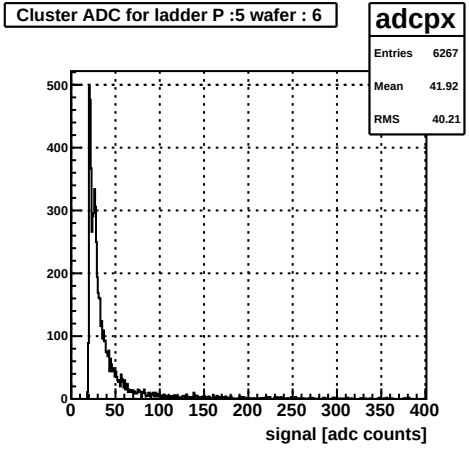

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 9282
Mean 31.42
RMS 23.31
signal [adc counts]

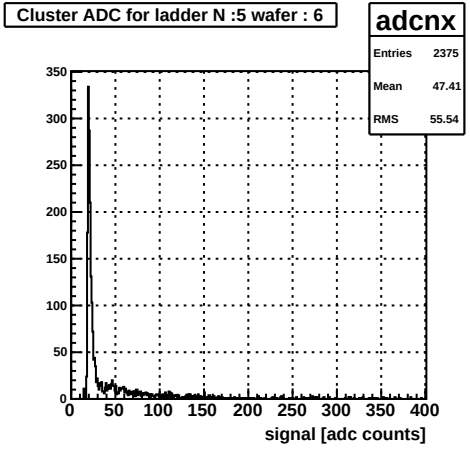

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1754
Mean 71.61
RMS 60.58
signal [adc counts]

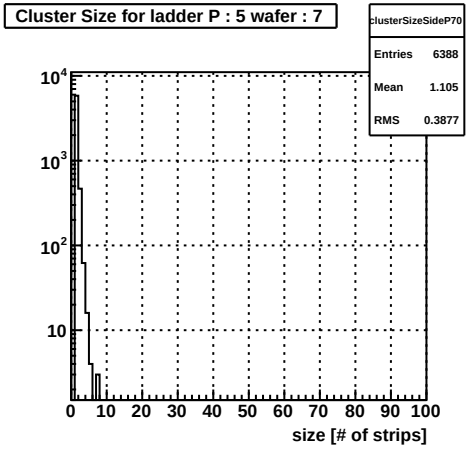

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 6267
Mean 1.1
RMS 0.3656
size [# of strips]

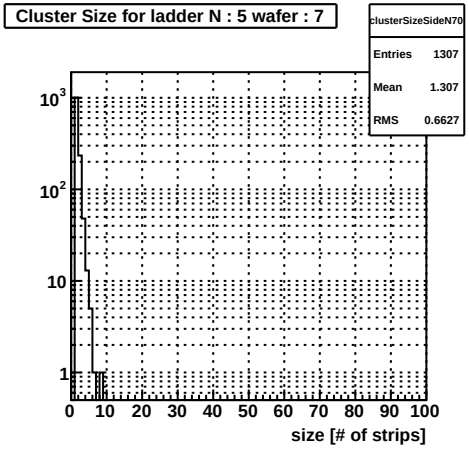

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2375
Mean 1.255
RMS 0.6179
size [# of strips]

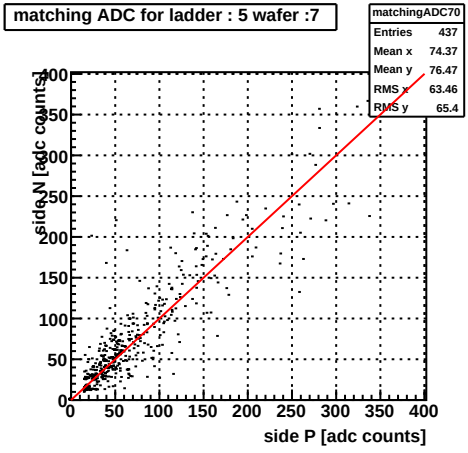

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 524
Mean x 85.68
Mean y 90.98
RMS x 69.11
RMS y 72.37
side N [adc counts]
side P [adc counts]

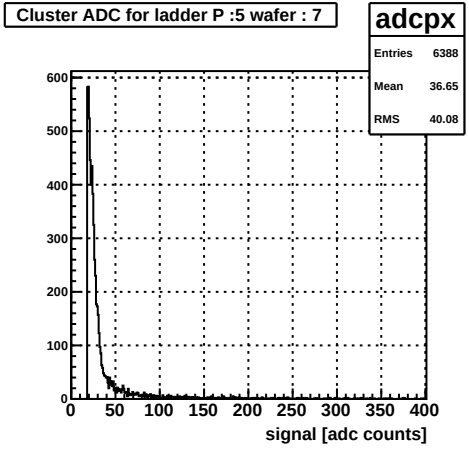

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 6267
Mean 41.92
RMS 40.21
signal [adc counts]

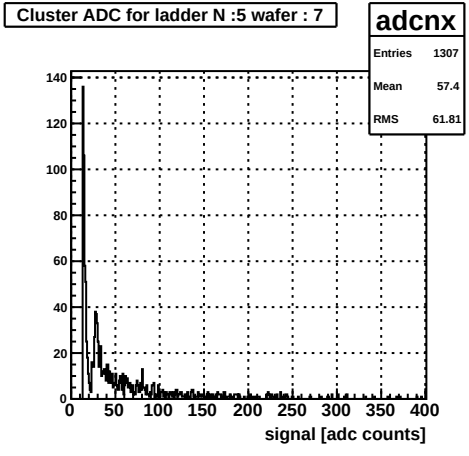

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2375
Mean 47.41
RMS 55.54
signal [adc counts]

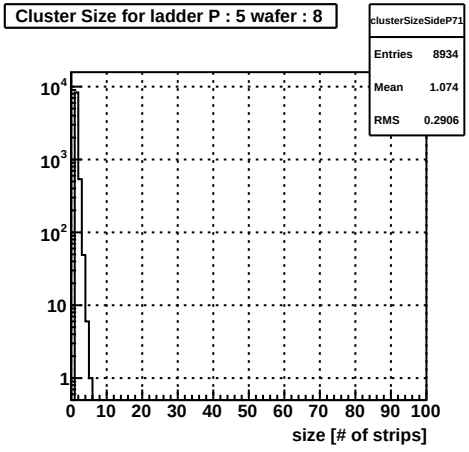

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6388
Mean 1.105
RMS 0.3877
size [# of strips]

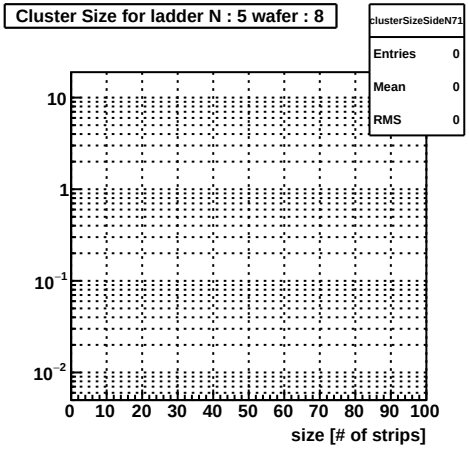

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1307
Mean 1.307
RMS 0.6627
size [# of strips]

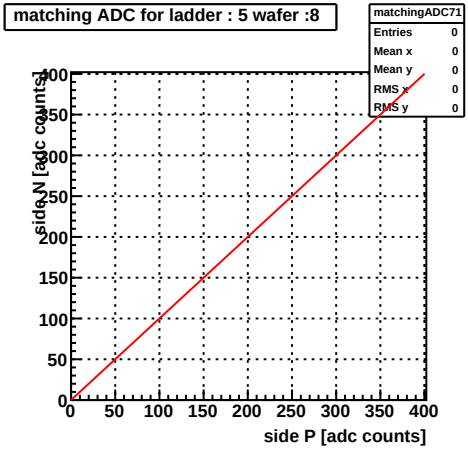

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 437
Mean x 74.37
Mean y 76.47
RMS x 63.46
RMS y 65.4
side N [adc counts]
side P [adc counts]

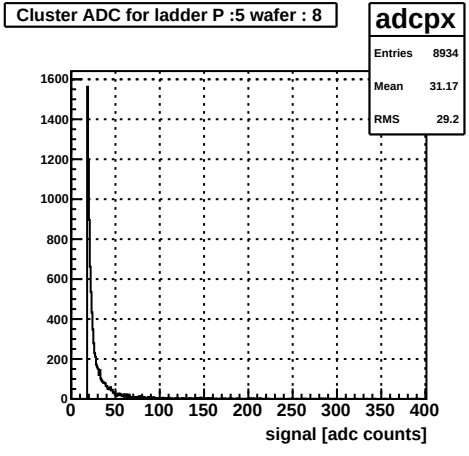

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6388
Mean 36.65
RMS 40.08
signal [adc counts]

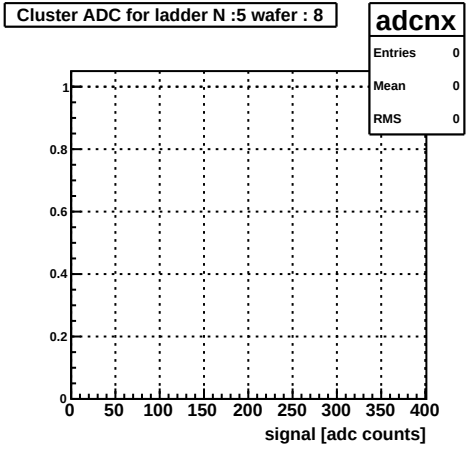

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1307
Mean 57.4
RMS 61.81
signal [adc counts]

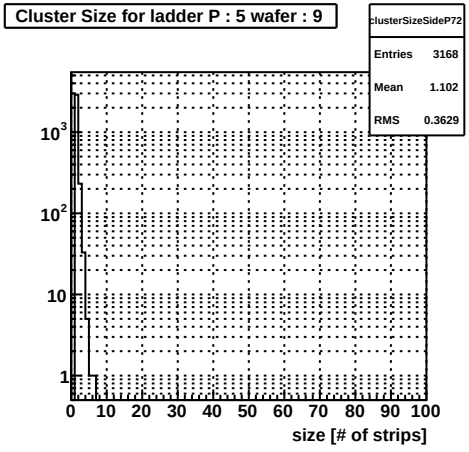

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 8934
Mean 1.074
RMS 0.2906
size [# of strips]

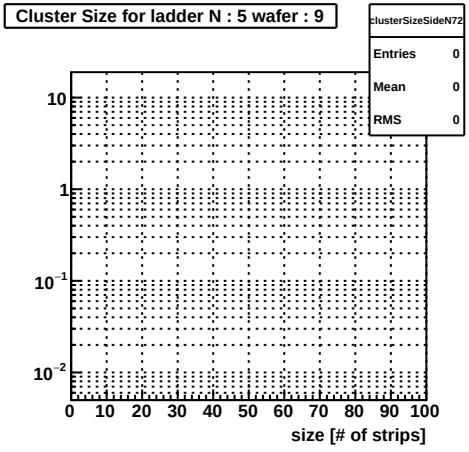

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

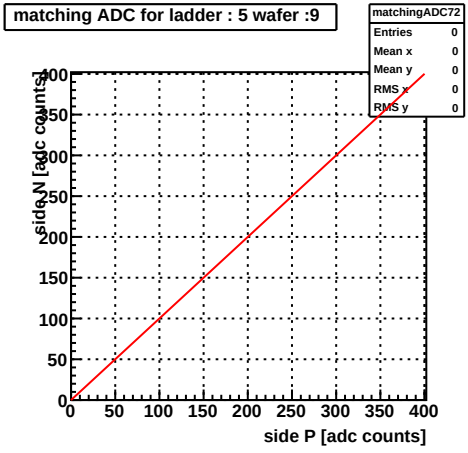

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

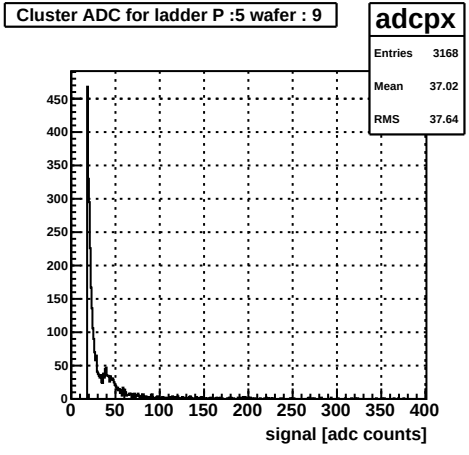

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 8934
Mean 31.17
RMS 29.2
signal [adc counts]

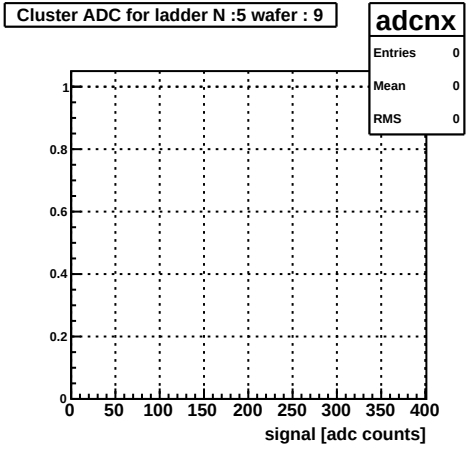

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

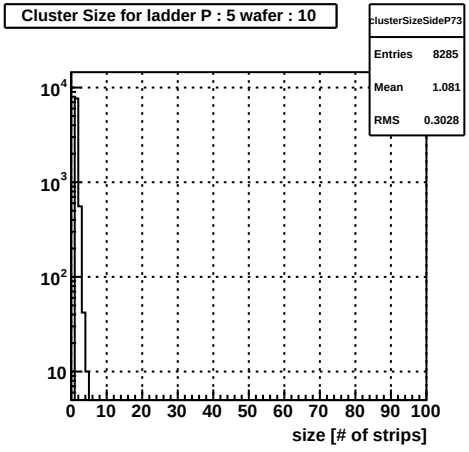

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3168
Mean 1.102
RMS 0.3629
size [# of strips]

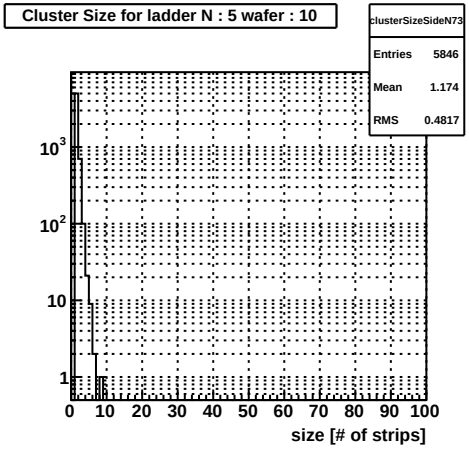

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

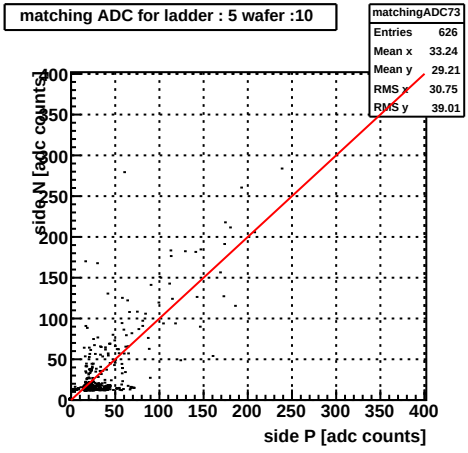

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

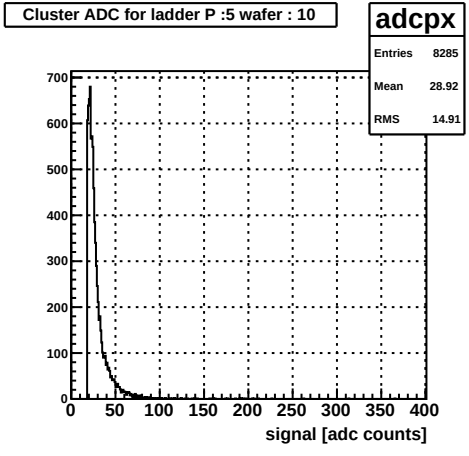

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3168
Mean 37.02
RMS 37.64
signal [adc counts]

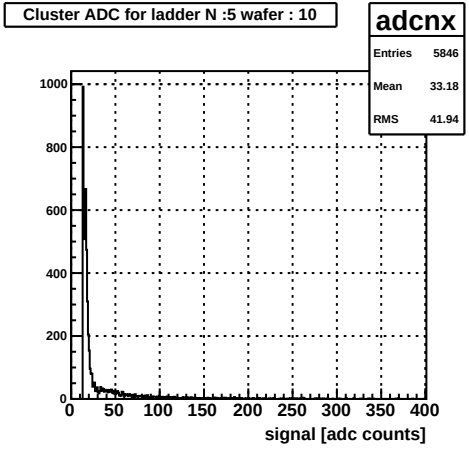

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

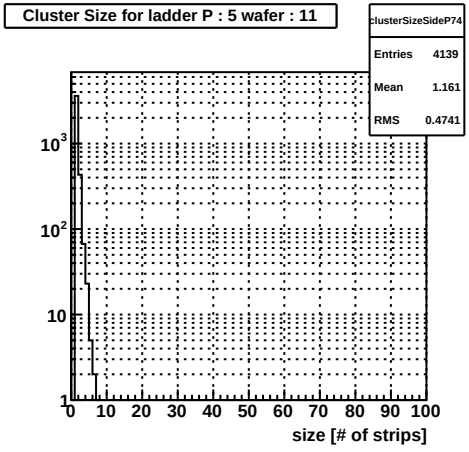

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 8285
Mean 1.081
RMS 0.3028
size [# of strips]

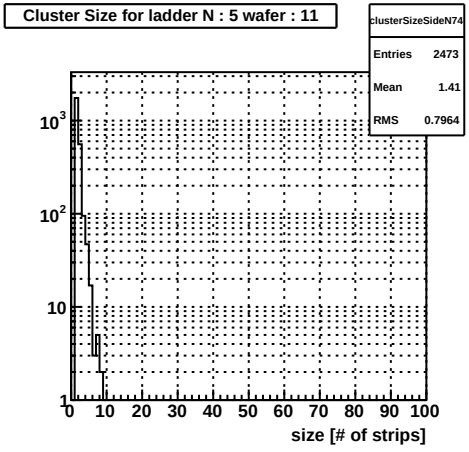

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5846
Mean 1.174
RMS 0.4817
size [# of strips]

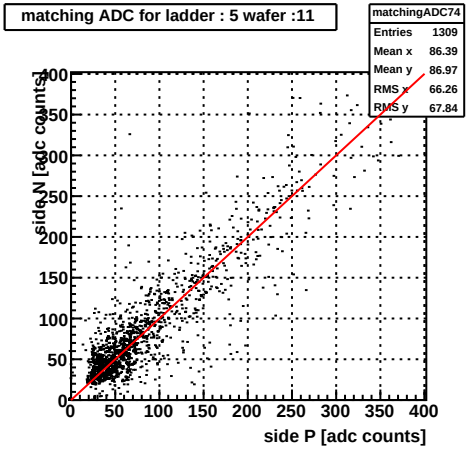

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 626
Mean x 33.24
Mean y 29.21
RMS x 30.75
RMS y 39.01
side N [adc counts]
side P [adc counts]

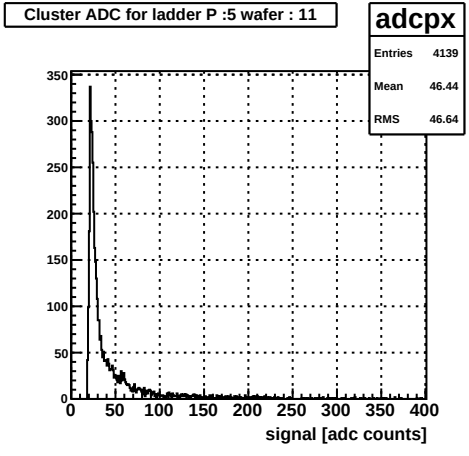

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 8285
Mean 28.92
RMS 14.91
signal [adc counts]

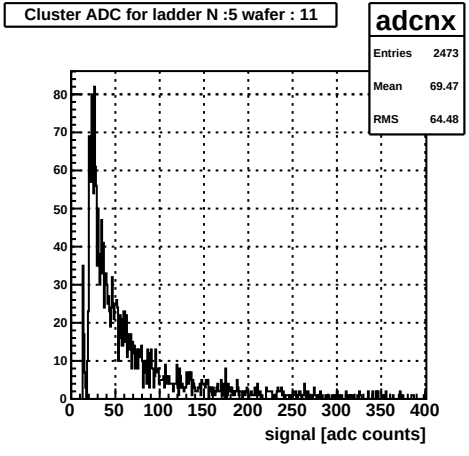

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5846
Mean 33.18
RMS 41.94
signal [adc counts]

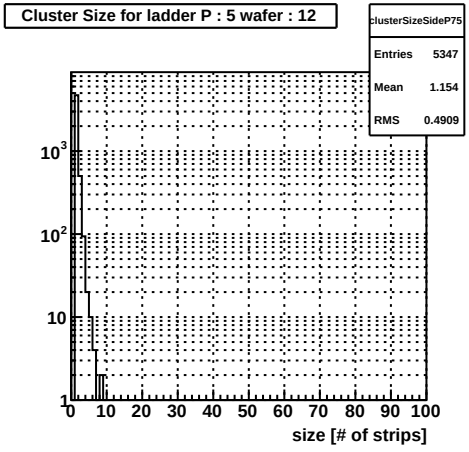

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 4139
Mean 1.161
RMS 0.4741
size [# of strips]

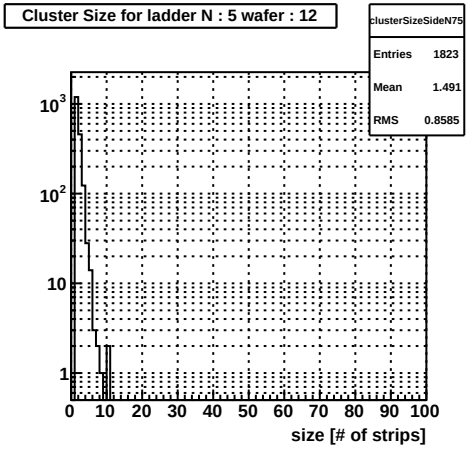

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2473
Mean 1.41
RMS 0.7964
size [# of strips]

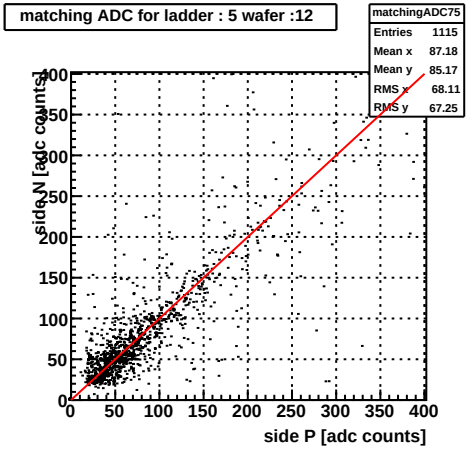

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1309
Mean x 86.39
Mean y 86.97
RMS x 66.26
RMS y 67.84
side N [adc counts]
side P [adc counts]

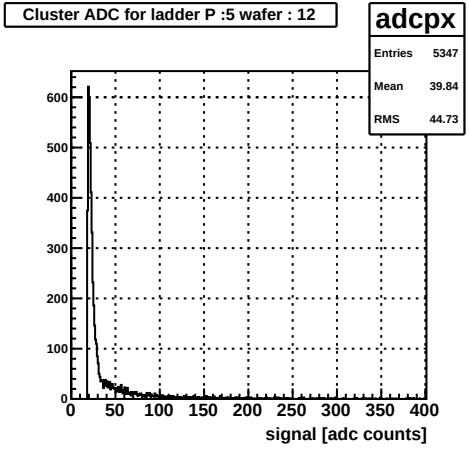

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 4139
Mean 46.44
RMS 46.64
signal [adc counts]

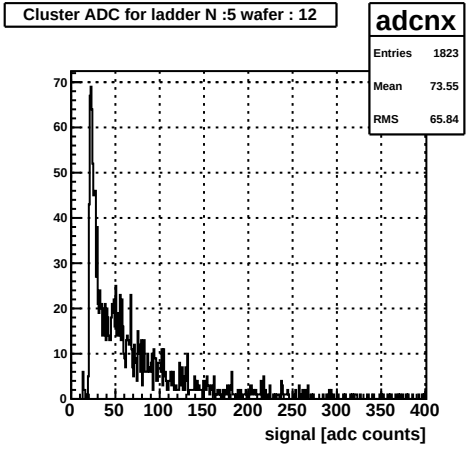

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2473
Mean 69.47
RMS 64.48
signal [adc counts]

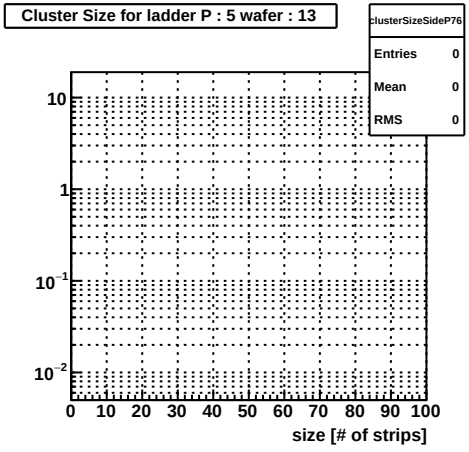

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 5347
Mean 1.154
RMS 0.4909
size [# of strips]

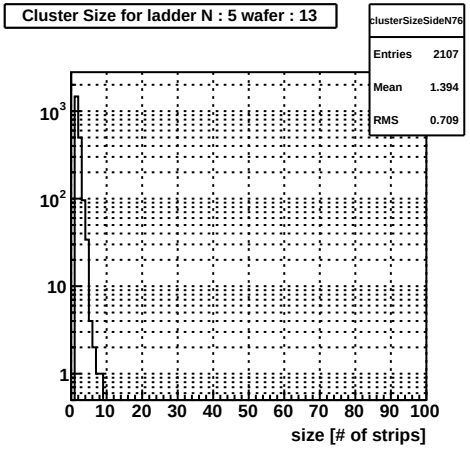

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1823
Mean 1.491
RMS 0.8585
size [# of strips]

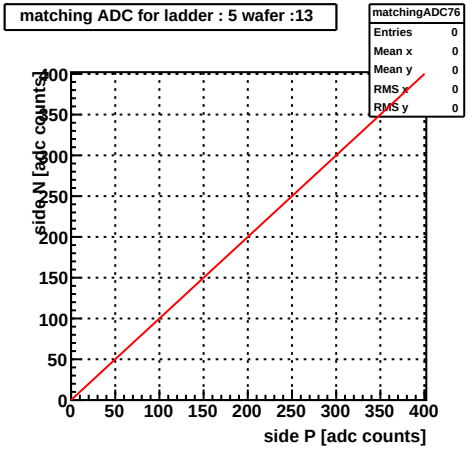

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1115
Mean x 87.18
Mean y 85.17
RMS x 68.11
RMS y 67.25
side N [adc counts]
side P [adc counts]

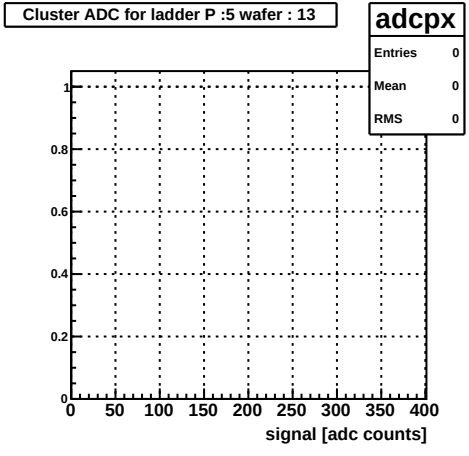

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 5347
Mean 39.84
RMS 44.73
signal [adc counts]

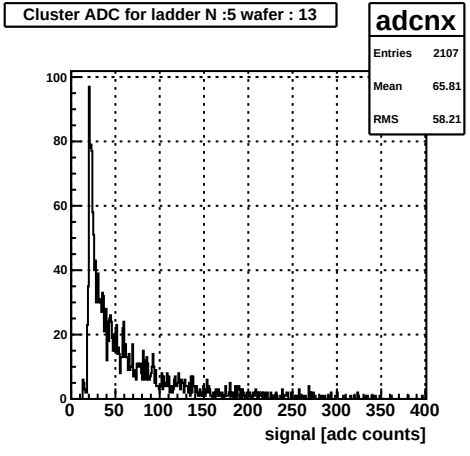

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1823
Mean 73.55
RMS 65.84
signal [adc counts]

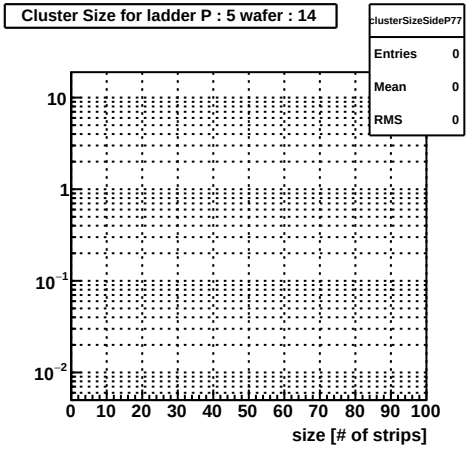

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

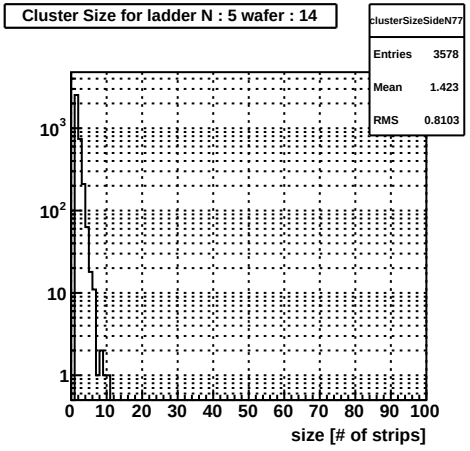

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2107
Mean 1.394
RMS 0.709
size [# of strips]

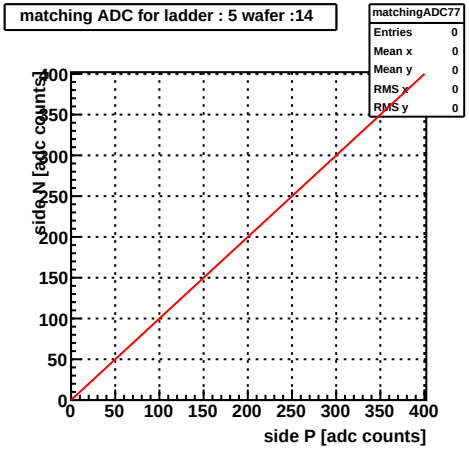

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

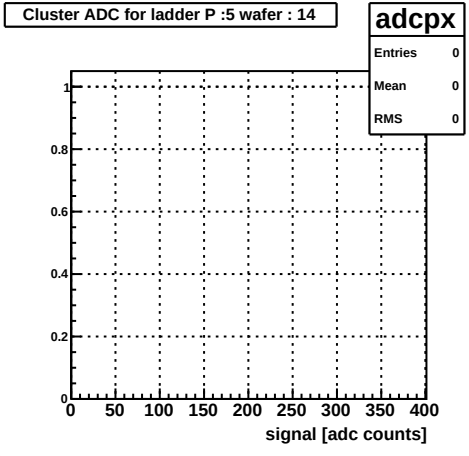

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

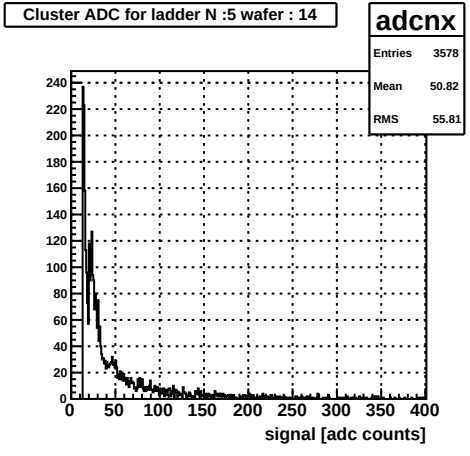

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2107
Mean 65.81
RMS 58.21
signal [adc counts]

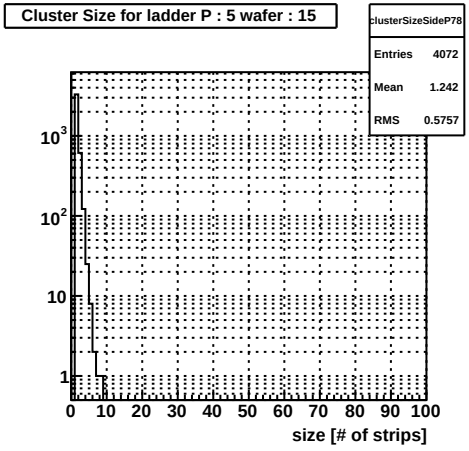

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

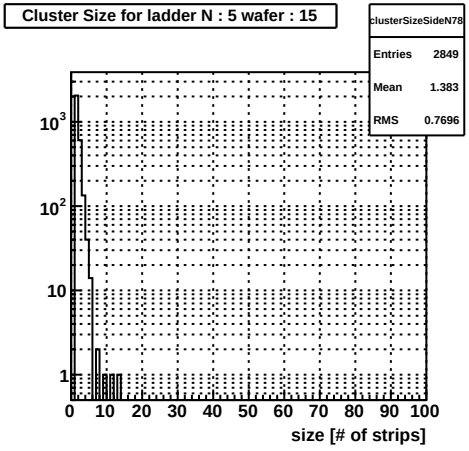

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3578
Mean 1.423
RMS 0.8103
size [# of strips]

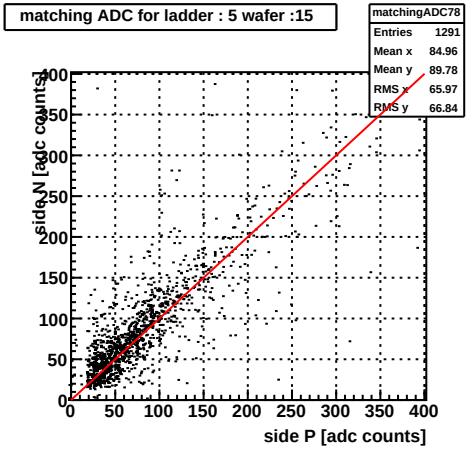

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

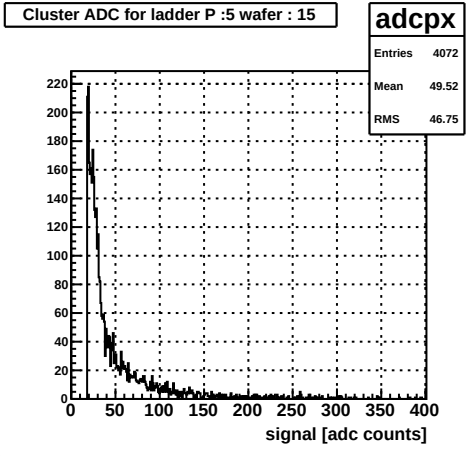

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

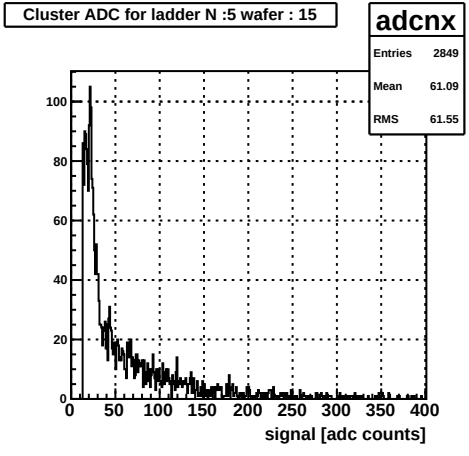

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3578
Mean 50.82
RMS 55.81
signal [adc counts]

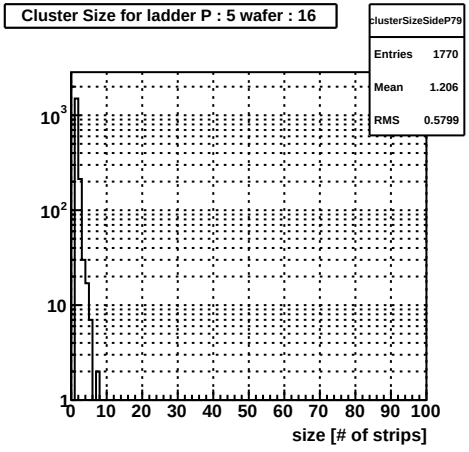

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 4072
Mean 1.242
RMS 0.5757
size [# of strips]

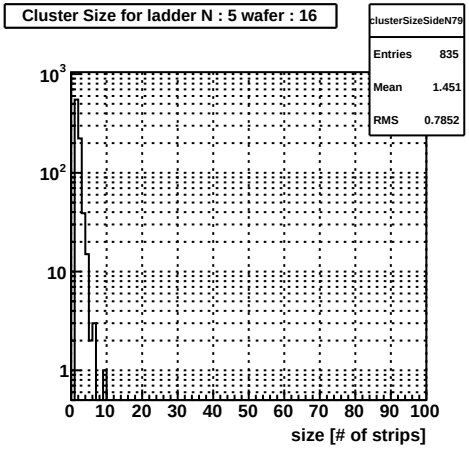

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2849
Mean 1.383
RMS 0.7696
size [# of strips]

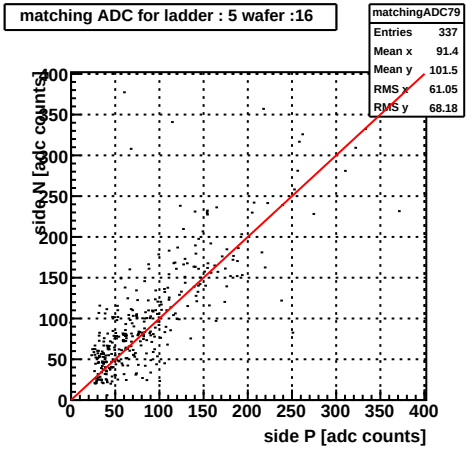

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1291
Mean x 84.96
Mean y 89.78
RMS x 65.97
RMS y 66.84
side N [adc counts]
side P [adc counts]

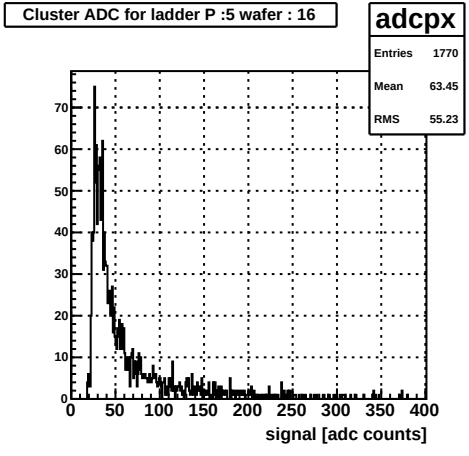

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 4072
Mean 49.52
RMS 46.75
signal [adc counts]

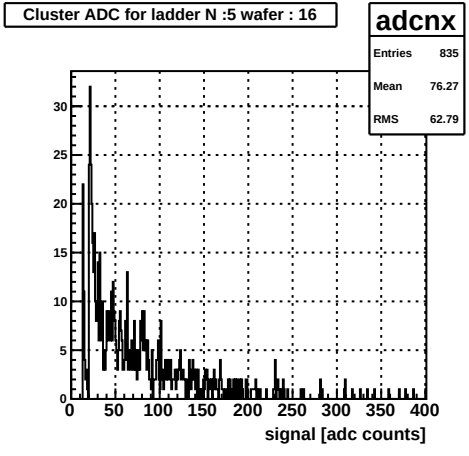

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2849
Mean 61.09
RMS 61.55
signal [adc counts]

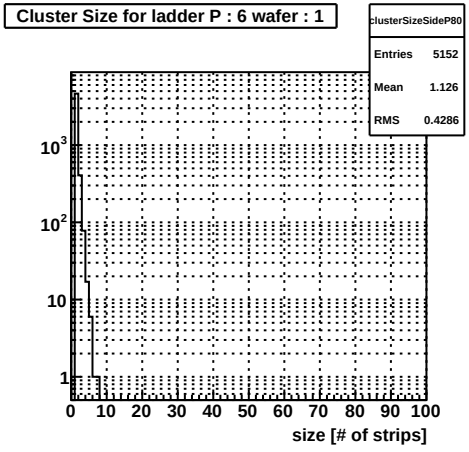

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1770
Mean 1.206
RMS 0.5799
size [# of strips]

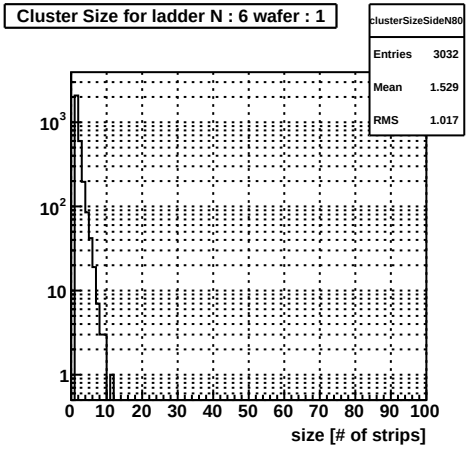

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 835
Mean 1.451
RMS 0.7852
size [# of strips]

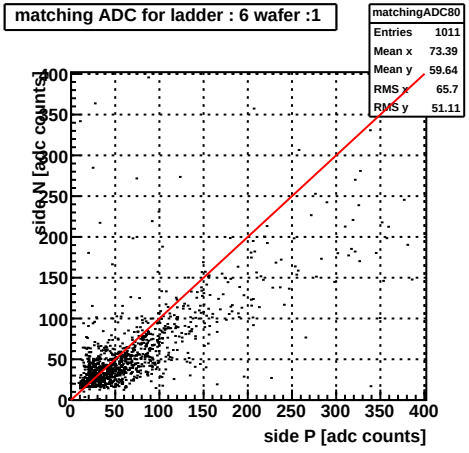

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 337
Mean x 91.4
Mean y 101.5
RMS x 61.05
RMS y 68.18
side N [adc counts]
side P [adc counts]

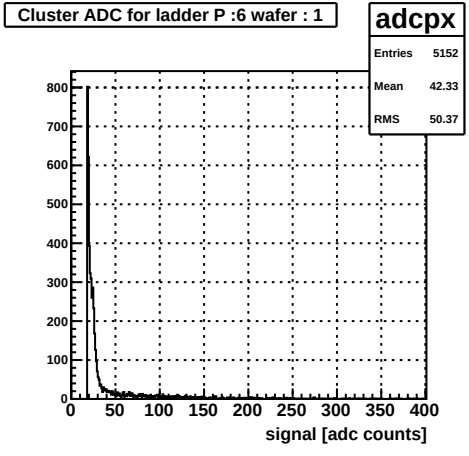

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1770
Mean 63.45
RMS 55.23
signal [adc counts]

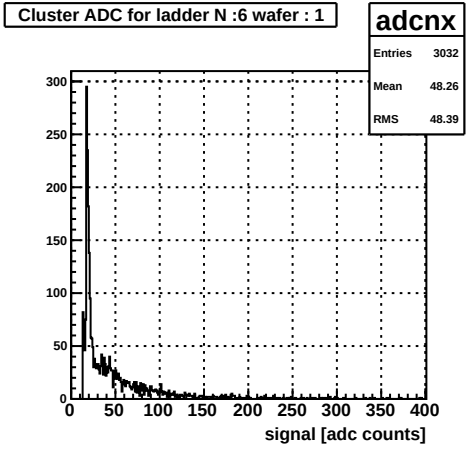

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 835
Mean 76.27
RMS 62.79
signal [adc counts]

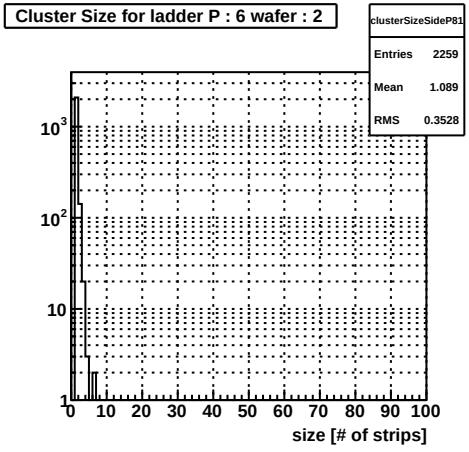

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5152
Mean 1.126
RMS 0.4286
size [# of strips]

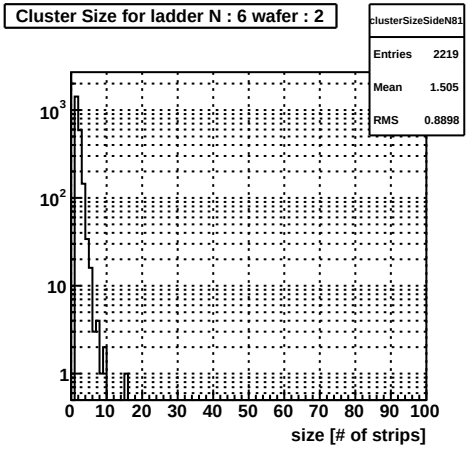

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3032
Mean 1.529
RMS 1.017
size [# of strips]

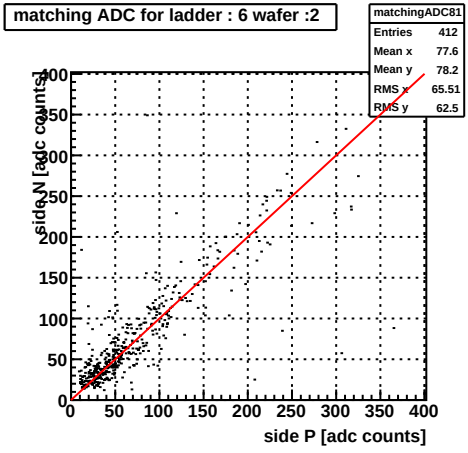

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1011
Mean x 73.39
Mean y 59.64
RMS x 65.7
RMS y 51.11
side N [adc counts]
side P [adc counts]

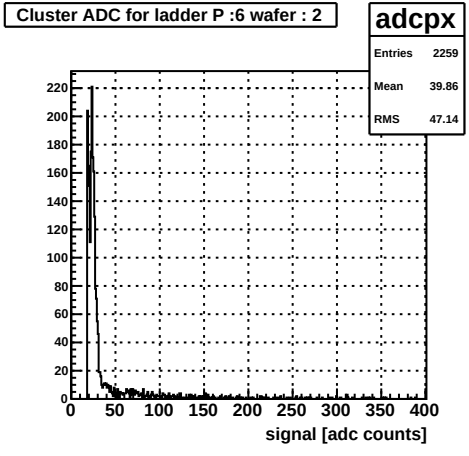

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5152
Mean 42.33
RMS 50.37
signal [adc counts]

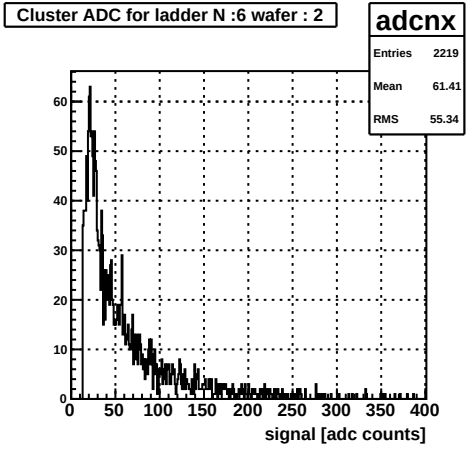

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3032
Mean 48.26
RMS 48.39
signal [adc counts]

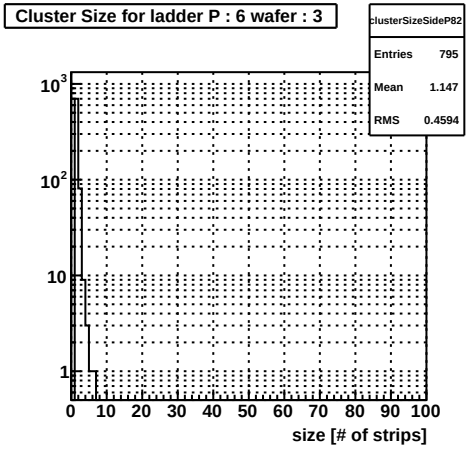

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2259
Mean 1.089
RMS 0.3528
size [# of strips]

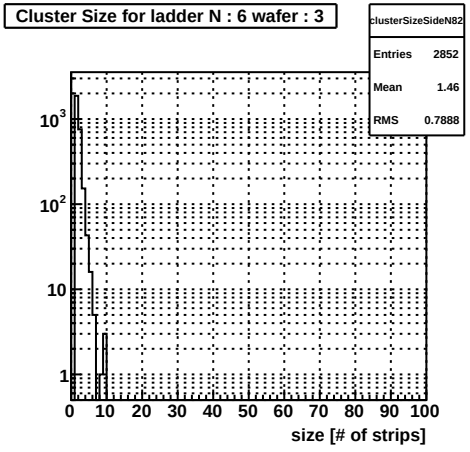

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2219
Mean 1.505
RMS 0.8898
size [# of strips]

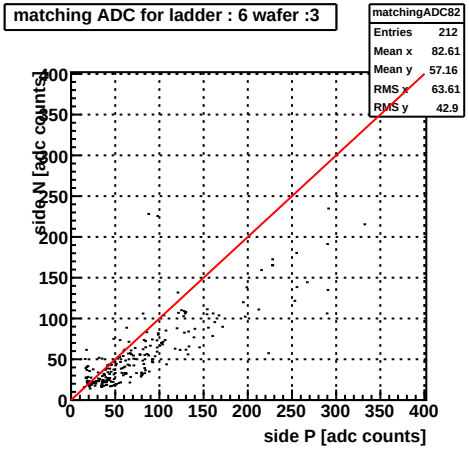

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 412
Mean x 77.6
Mean y 78.2
RMS x 65.51
RMS y 62.5
side N [adc counts]
side P [adc counts]

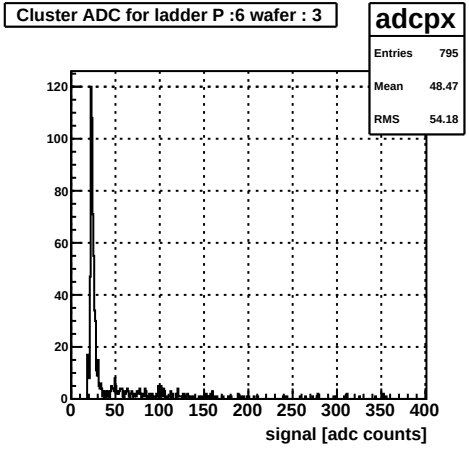

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2259
Mean 39.86
RMS 47.14
signal [adc counts]

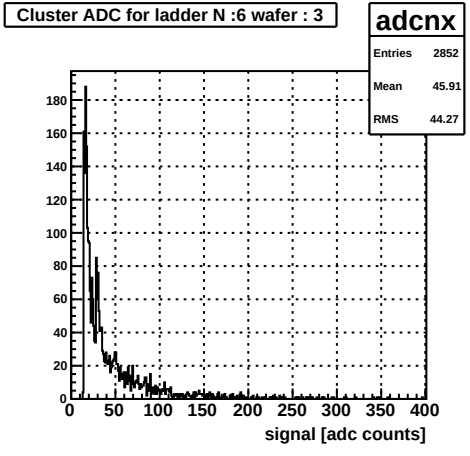

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2219
Mean 61.41
RMS 55.34
signal [adc counts]

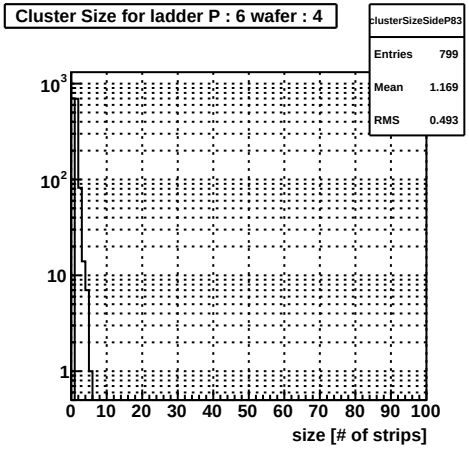

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 795
Mean 1.147
RMS 0.4594
size [# of strips]

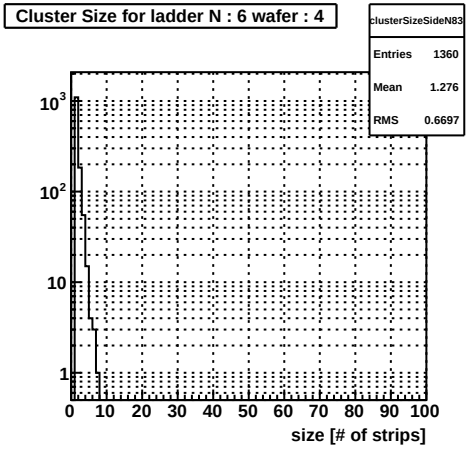

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2852
Mean 1.46
RMS 0.7888
size [# of strips]

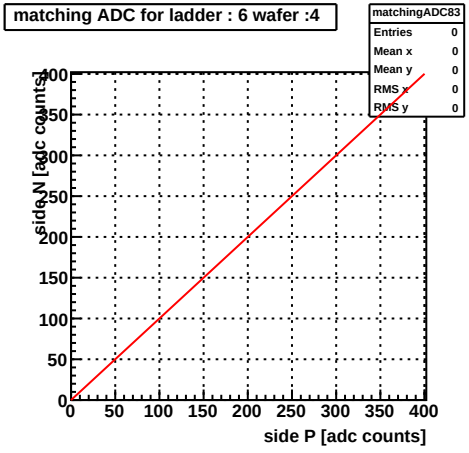

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 212
Mean x 82.61
Mean y 57.16
RMS x 63.61
RMS y 42.9
side N [adc counts]
side P [adc counts]

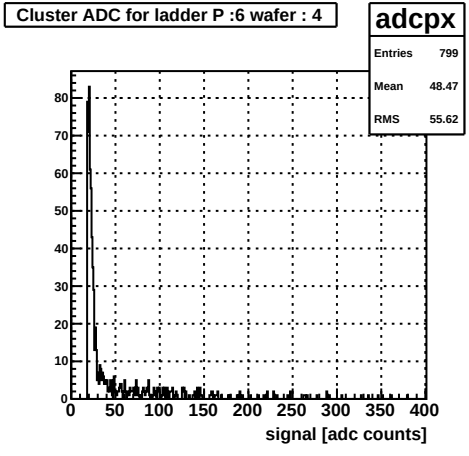

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 795
Mean 48.47
RMS 54.18
signal [adc counts]

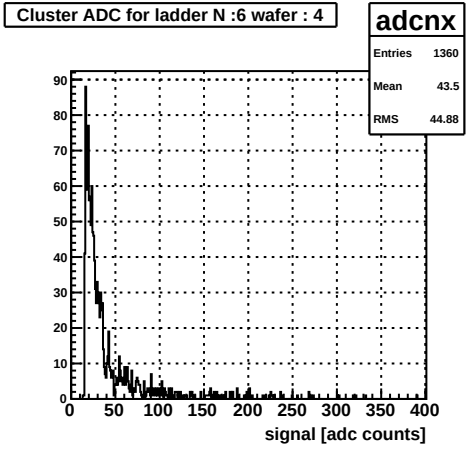

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2852
Mean 45.91
RMS 44.27
signal [adc counts]

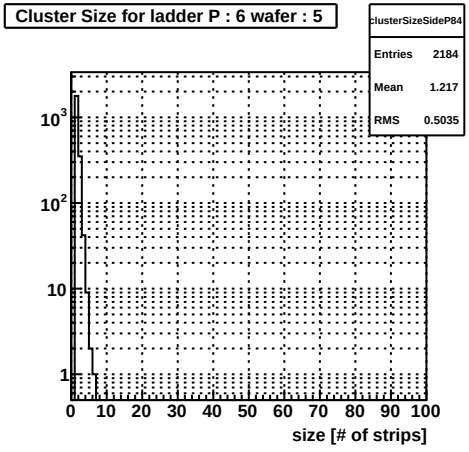

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 799
Mean 1.169
RMS 0.493
size [# of strips]

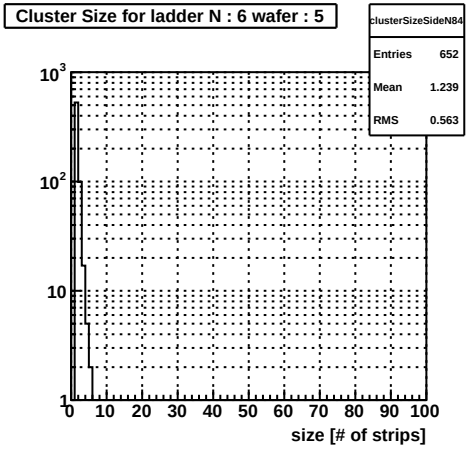

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1360
Mean 1.276
RMS 0.6697
size [# of strips]

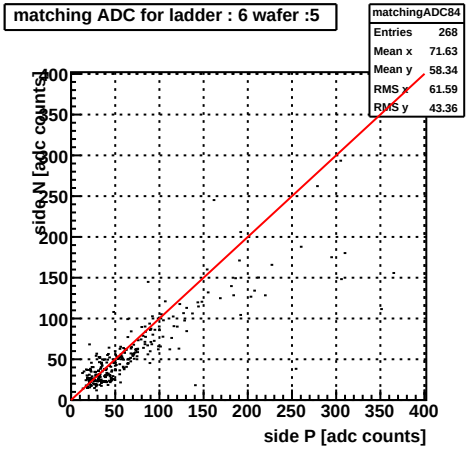

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

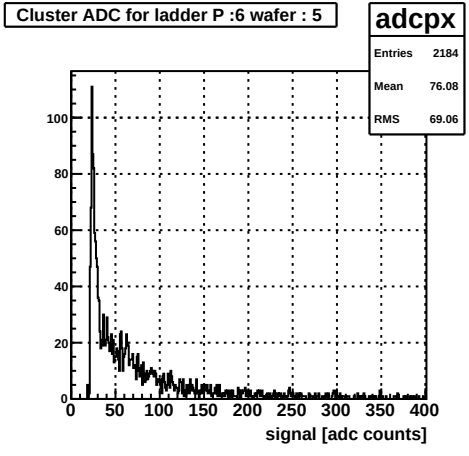

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 799
Mean 48.47
RMS 55.62
signal [adc counts]

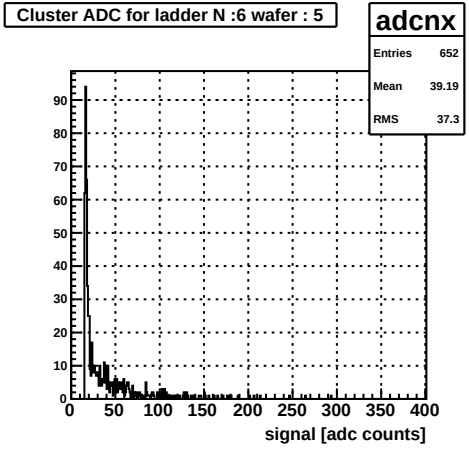

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1360
Mean 43.5
RMS 44.88
signal [adc counts]

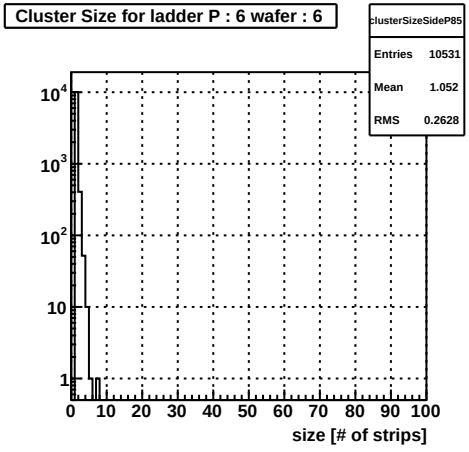

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2184
Mean 1.217
RMS 0.5035
size [# of strips]

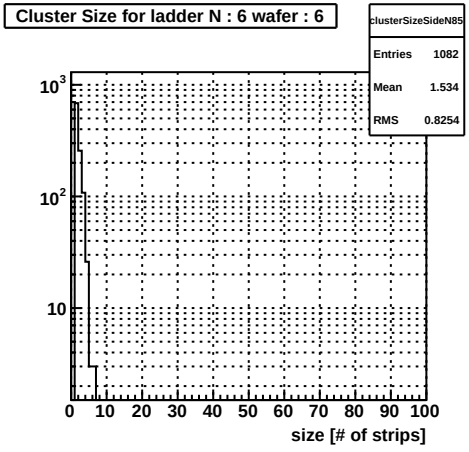

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 652
Mean 1.239
RMS 0.563
size [# of strips]

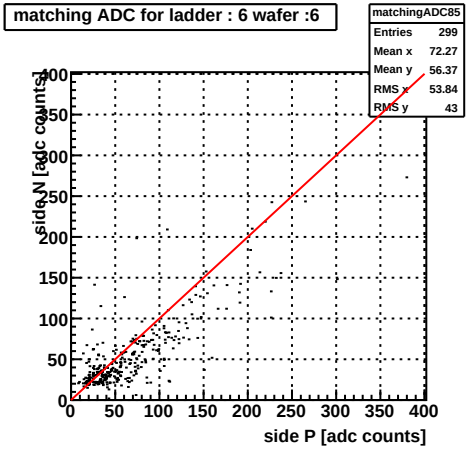

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 268
Mean x 71.63
Mean y 58.34
RMS x 61.59
RMS y 43.36
side N [adc counts]
side P [adc counts]

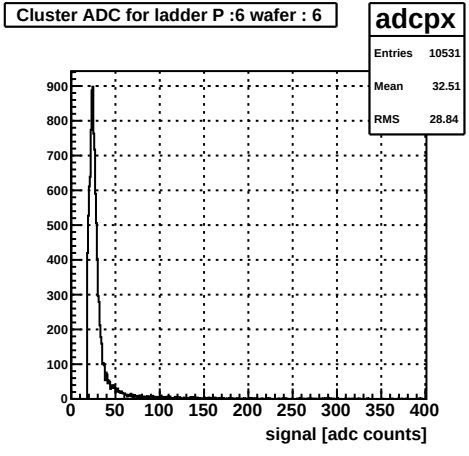

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2184
Mean 76.08
RMS 69.06
signal [adc counts]

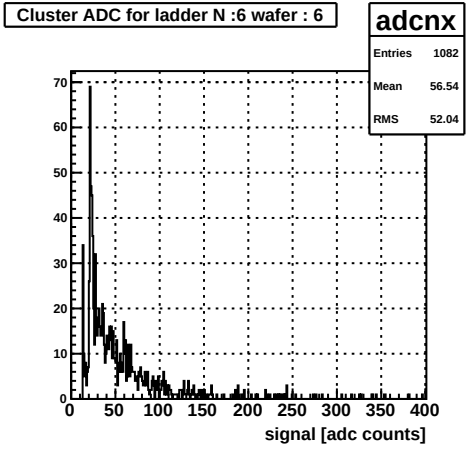

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 652
Mean 39.19
RMS 37.3
signal [adc counts]

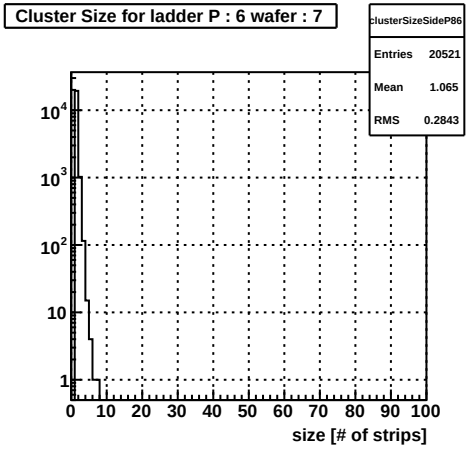

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10531
Mean 1.052
RMS 0.2628
size [# of strips]

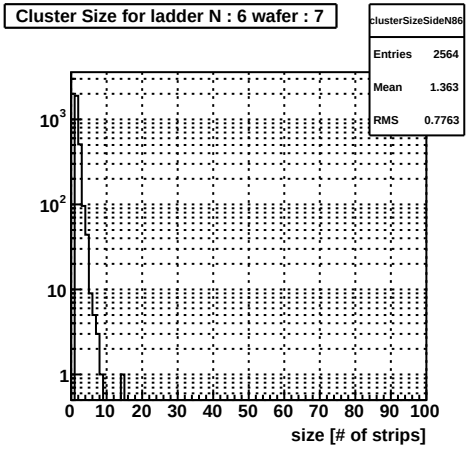

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1082
Mean 1.534
RMS 0.8254
size [# of strips]

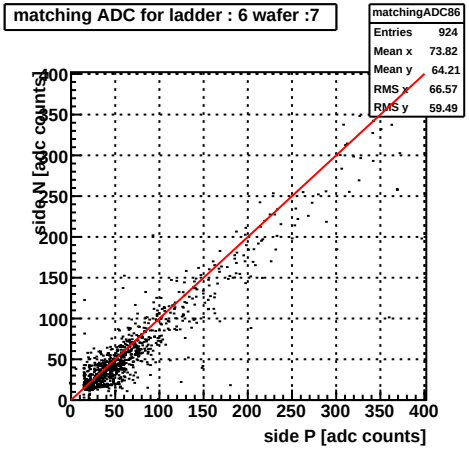

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 299
Mean x 72.27
Mean y 56.37
RMS x 53.84
RMS y 43
side N [adc counts]
side P [adc counts]

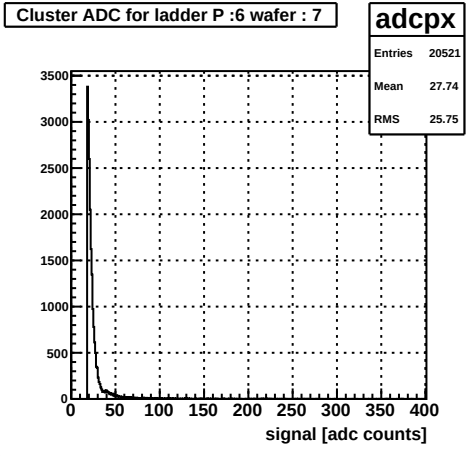

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10531
Mean 32.51
RMS 28.84
signal [adc counts]

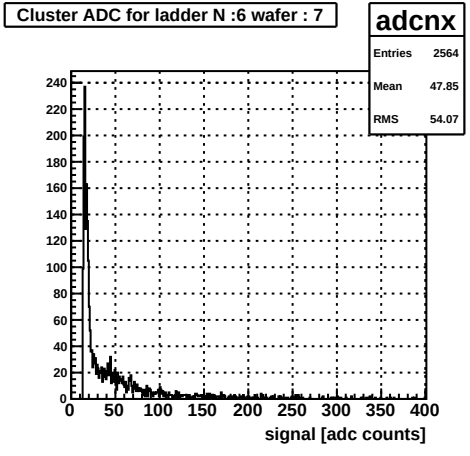

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1082
Mean 56.54
RMS 52.04
signal [adc counts]

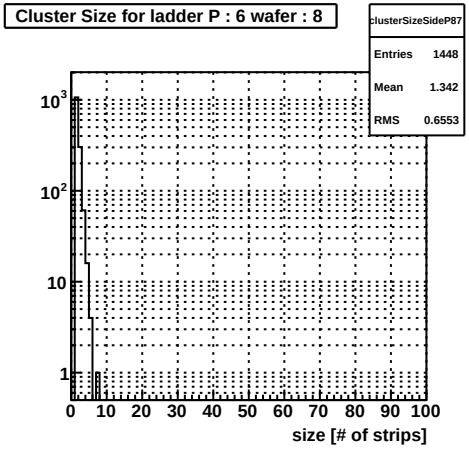

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 20521
Mean 1.065
RMS 0.2843
size [# of strips]

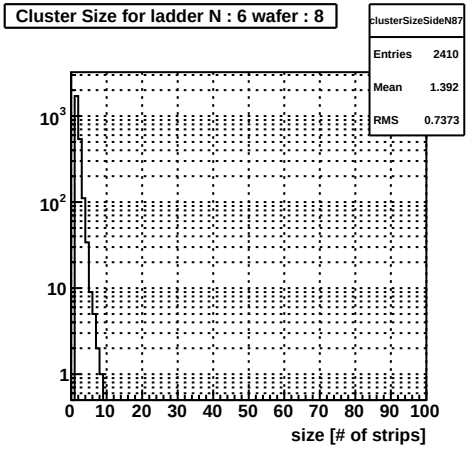

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2564
Mean 1.363
RMS 0.7763
size [# of strips]

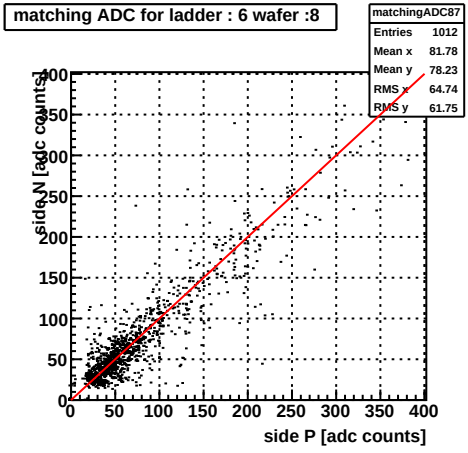

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 924
Mean x 73.82
Mean y 64.21
RMS x 66.57
RMS y 59.49
side N [adc counts]
side P [adc counts]

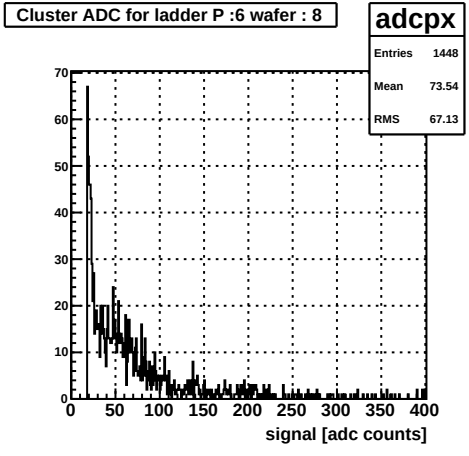

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 20521
Mean 27.74
RMS 25.75
signal [adc counts]

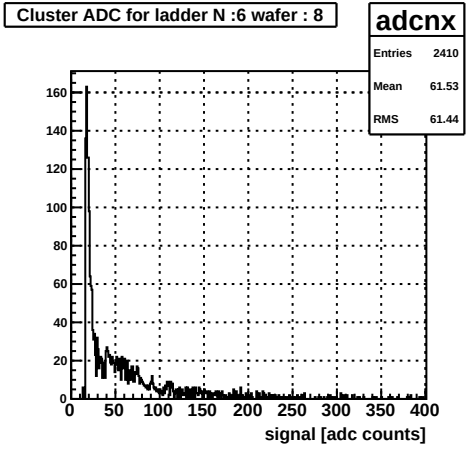

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2564
Mean 47.85
RMS 54.07
signal [adc counts]

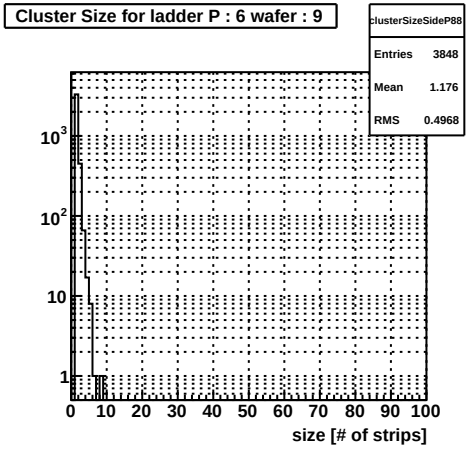

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1448
Mean 1.342
RMS 0.6553
size [# of strips]

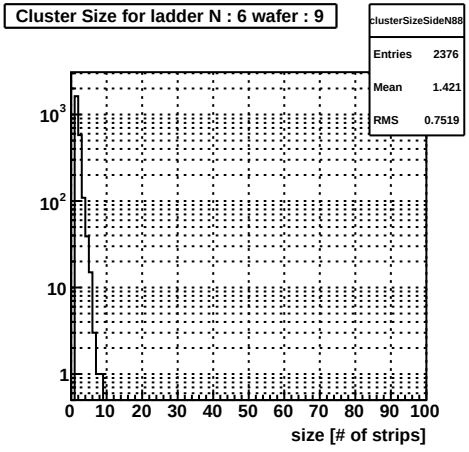

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2410
Mean 1.392
RMS 0.7373
size [# of strips]

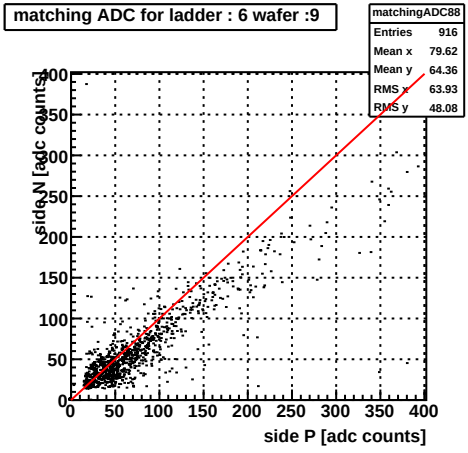

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1012
Mean x 81.78
Mean y 78.23
RMS x 64.74
RMS y 61.75
side N [adc counts]
side P [adc counts]

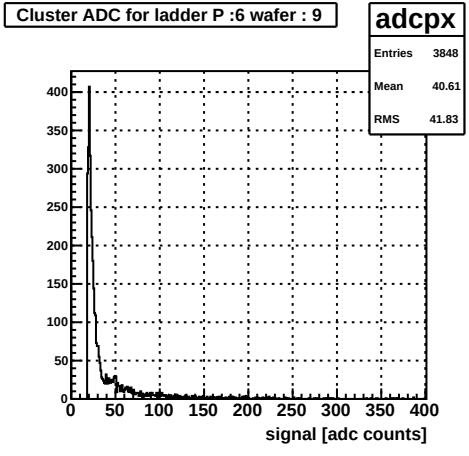

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1448
Mean 73.54
RMS 67.13
signal [adc counts]

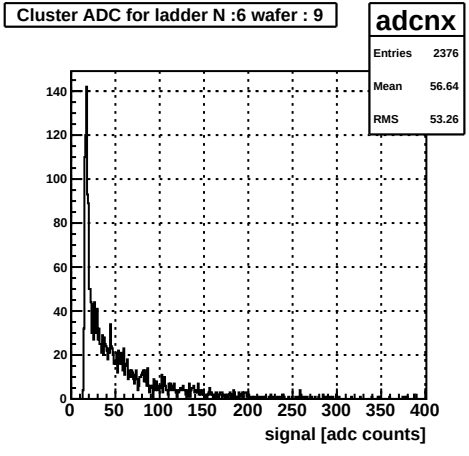

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2410
Mean 61.53
RMS 61.44
signal [adc counts]

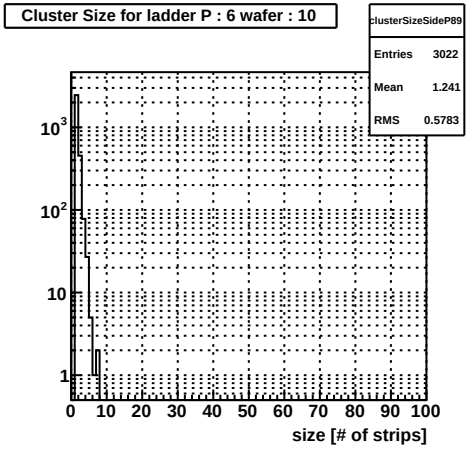

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3848
Mean 1.176
RMS 0.4968
size [# of strips]

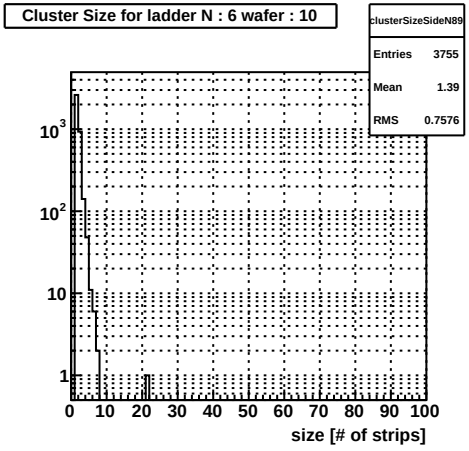

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2376
Mean 1.421
RMS 0.7519
size [# of strips]

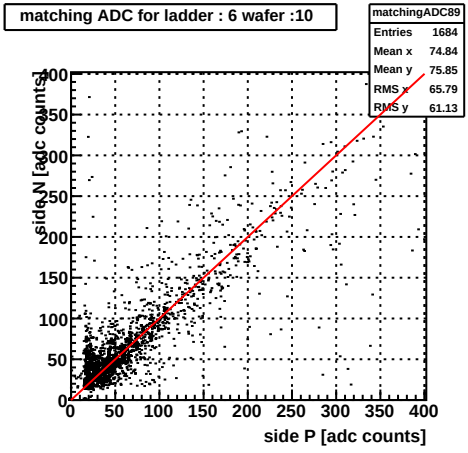

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 916
Mean x 79.62
Mean y 64.36
RMS x 63.93
RMS y 48.08
side N [adc counts]
side P [adc counts]

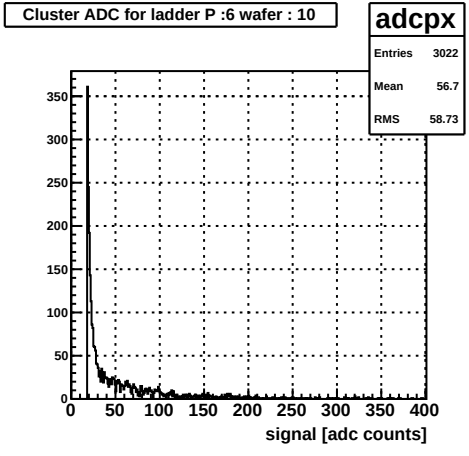

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3848
Mean 40.61
RMS 41.83
signal [adc counts]

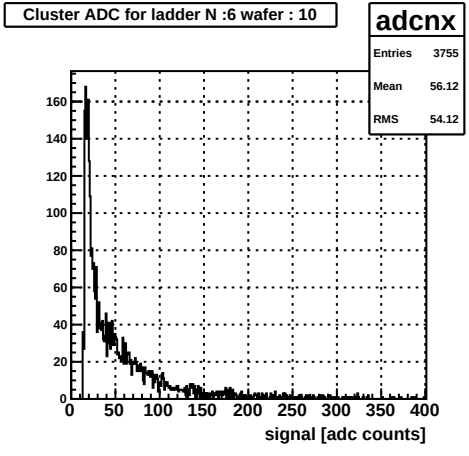

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2376
Mean 56.64
RMS 53.26
signal [adc counts]

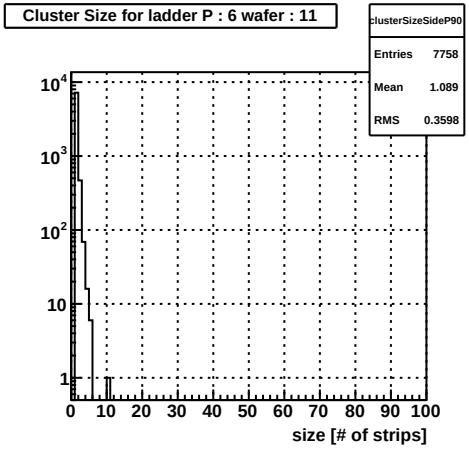

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3022
Mean 1.241
RMS 0.5783
size [# of strips]

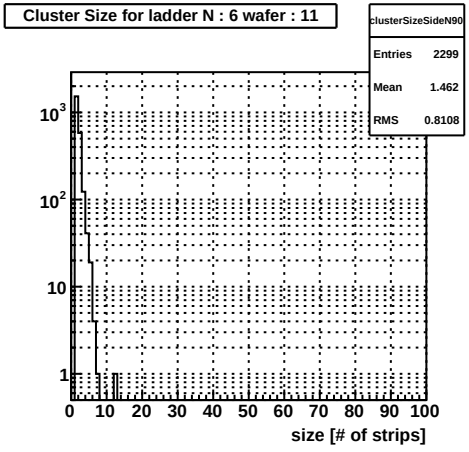

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3755
Mean 1.39
RMS 0.7576
size [# of strips]

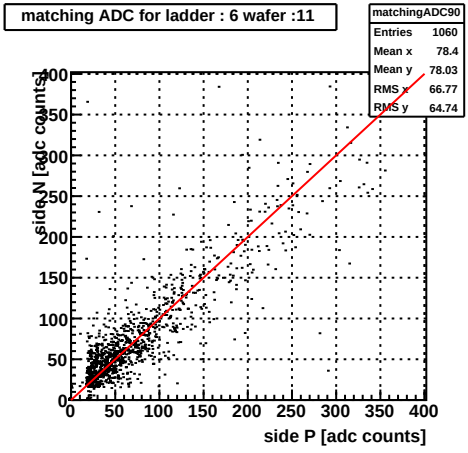

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1684
Mean x 74.84
Mean y 75.85
RMS x 65.79
RMS y 61.13
side N [adc counts]
side P [adc counts]

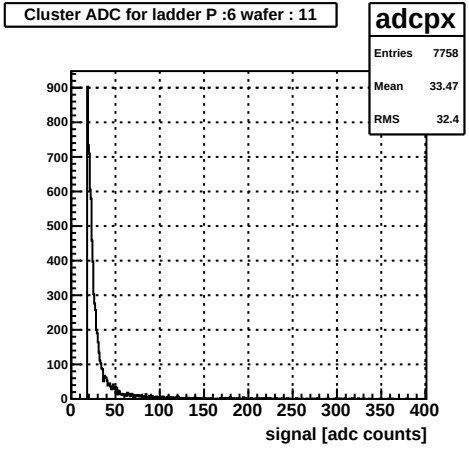

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3022
Mean 56.7
RMS 58.73
signal [adc counts]

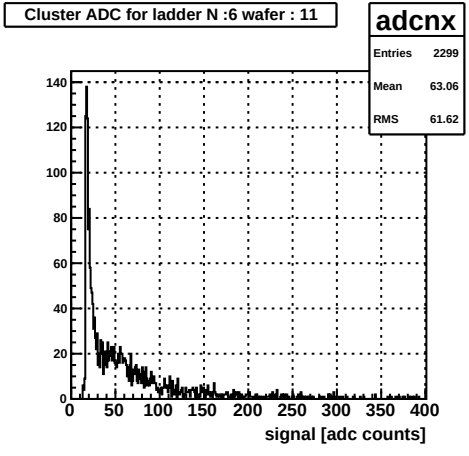

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3755
Mean 56.12
RMS 54.12
signal [adc counts]

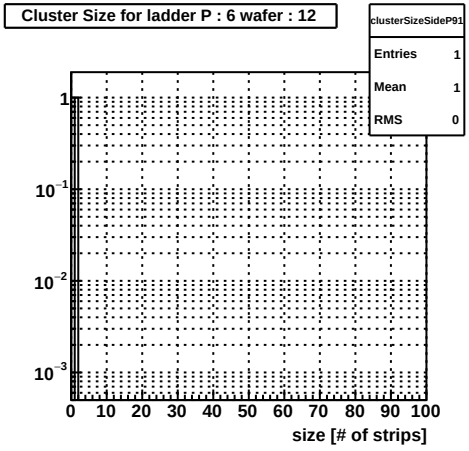

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7758
Mean 1.089
RMS 0.3598
size [# of strips]

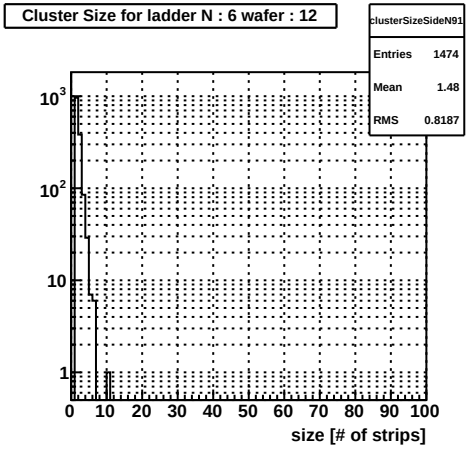

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2299
Mean 1.462
RMS 0.8108
size [# of strips]

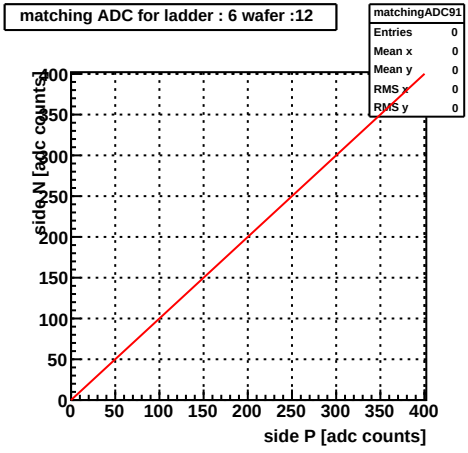

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1060
Mean x 78.4
Mean y 78.03
RMS x 66.77
RMS y 64.74
side N [adc counts]
side P [adc counts]

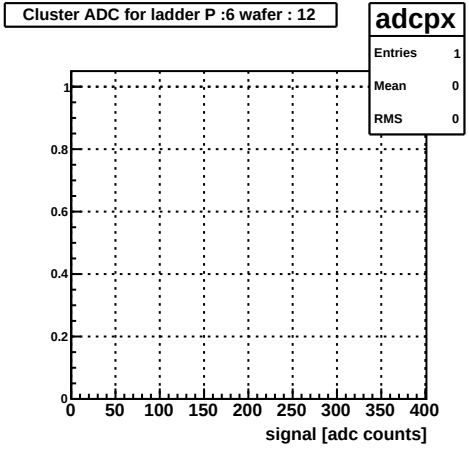

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7758
Mean 33.47
RMS 32.4
signal [adc counts]

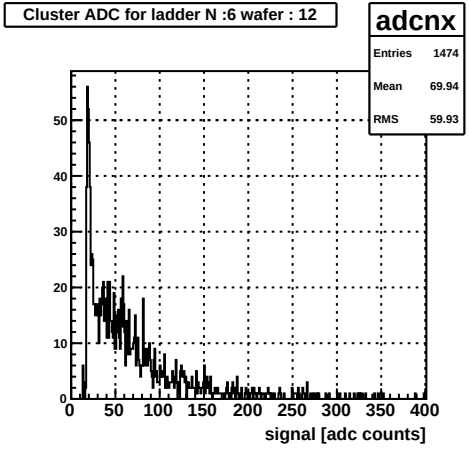

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2299
Mean 63.06
RMS 61.62
signal [adc counts]

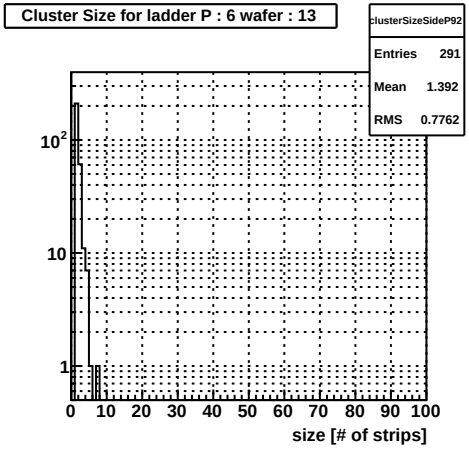

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

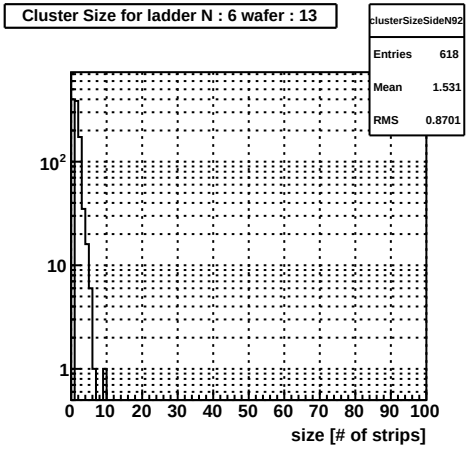

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1474
Mean 1.48
RMS 0.8187
size [# of strips]

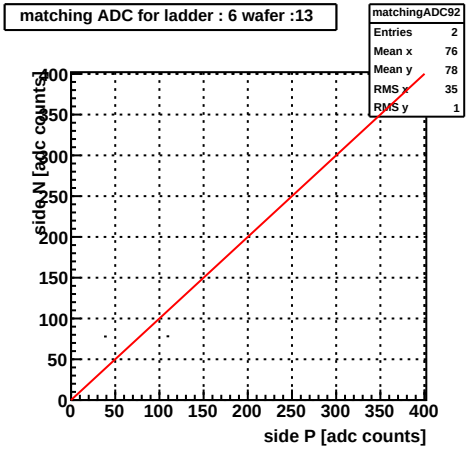

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

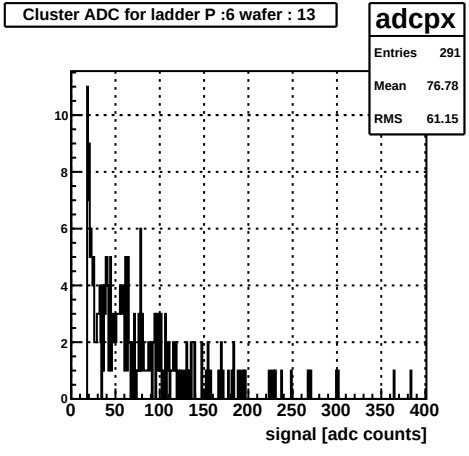

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

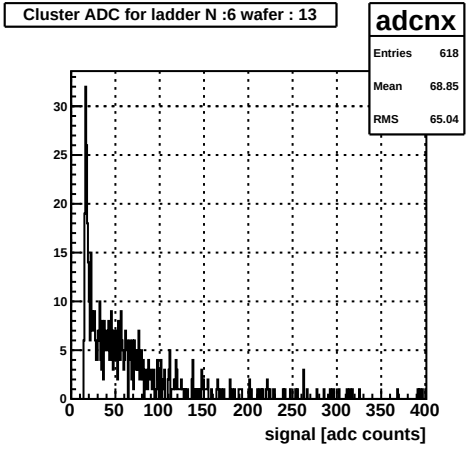

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1474
Mean 69.94
RMS 59.93
signal [adc counts]

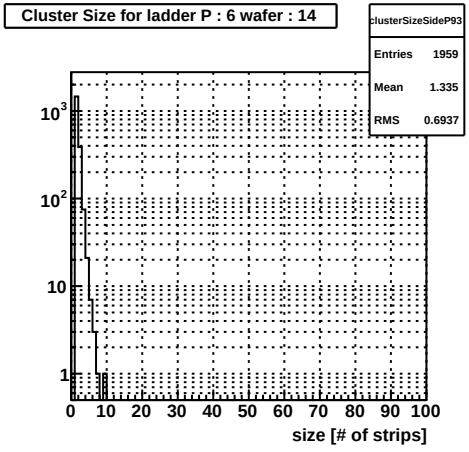

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 291
Mean 1.392
RMS 0.7762
size [# of strips]

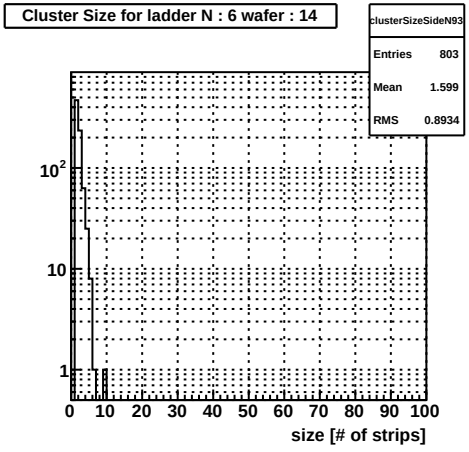

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 618
Mean 1.531
RMS 0.8701
size [# of strips]

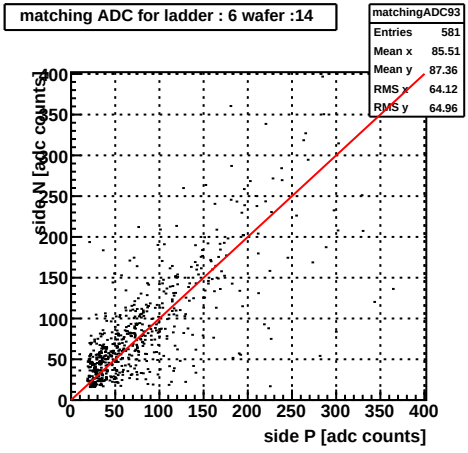

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 76
Mean y 78
RMS x 35
RMS y 1
side N [adc counts]
side P [adc counts]

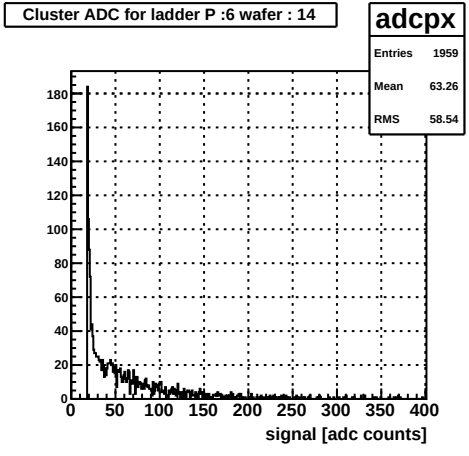

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 291
Mean 76.78
RMS 61.15
signal [adc counts]

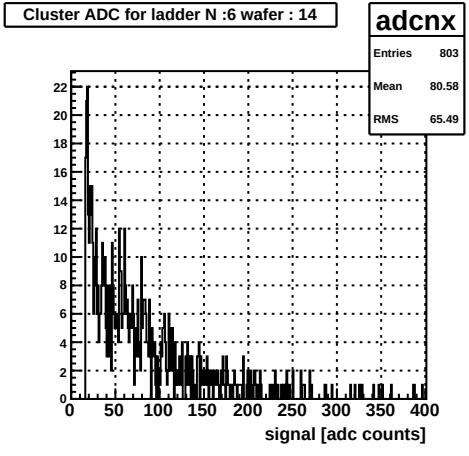

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 618
Mean 68.85
RMS 65.04
signal [adc counts]

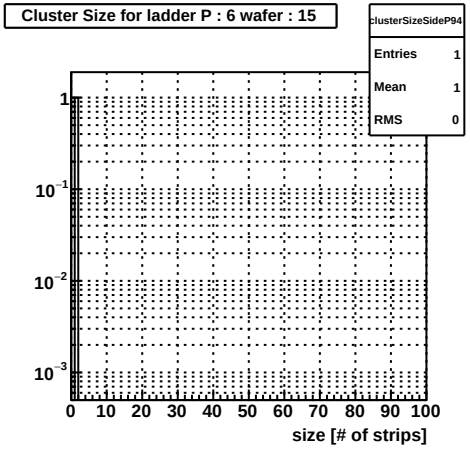

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1959
Mean 1.335
RMS 0.6937
size [# of strips]

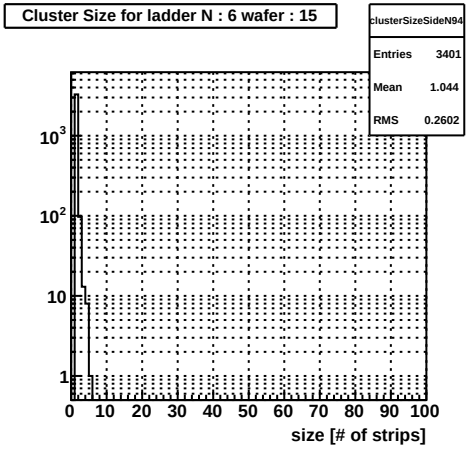

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 803
Mean 1.599
RMS 0.8934
size [# of strips]

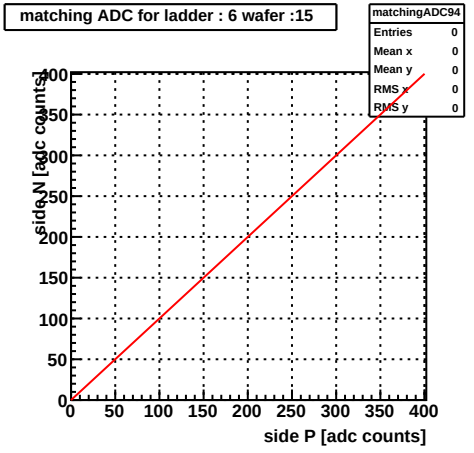

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 581
Mean x 85.51
Mean y 87.36
RMS x 64.12
RMS y 64.96
side N [adc counts]
side P [adc counts]

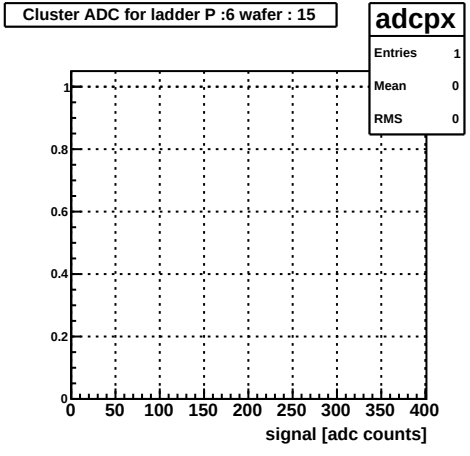

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1959
Mean 63.26
RMS 58.54
signal [adc counts]

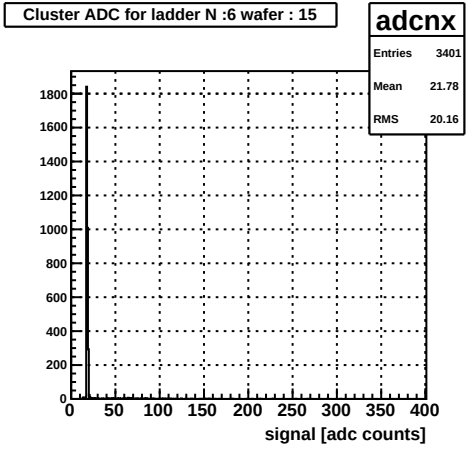

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 803
Mean 80.58
RMS 65.49
signal [adc counts]

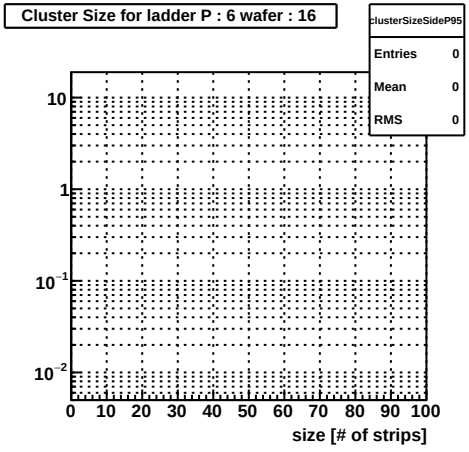

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

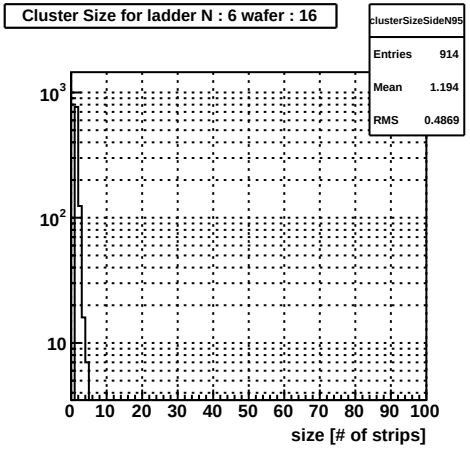

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3401
Mean 1.044
RMS 0.2602
size [# of strips]

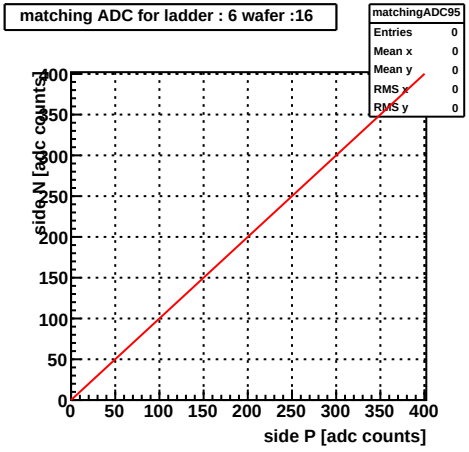

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

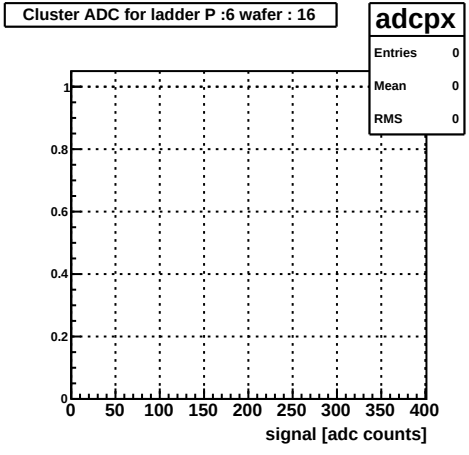

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

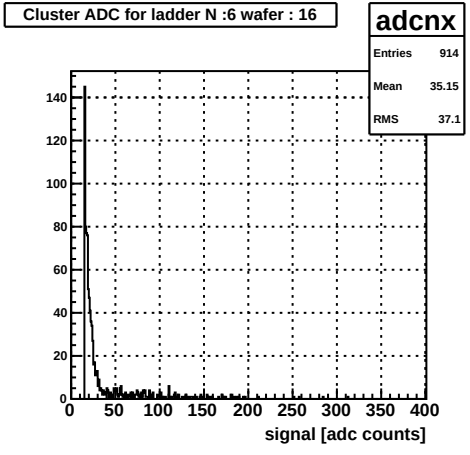

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3401
Mean 21.78
RMS 20.16
signal [adc counts]

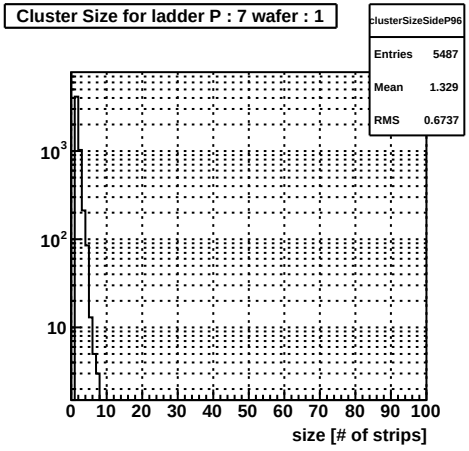

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

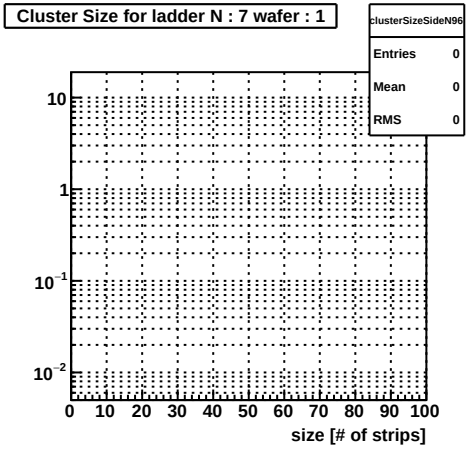

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 914
Mean 1.194
RMS 0.4869
size [# of strips]

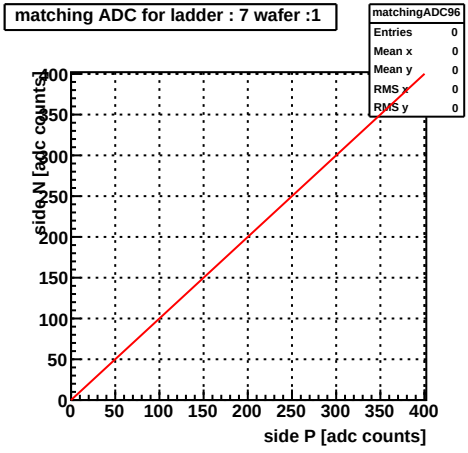

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

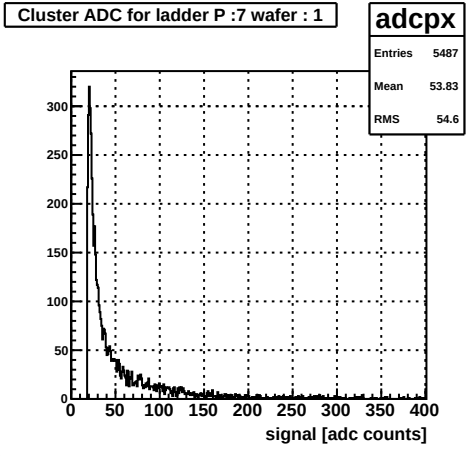

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

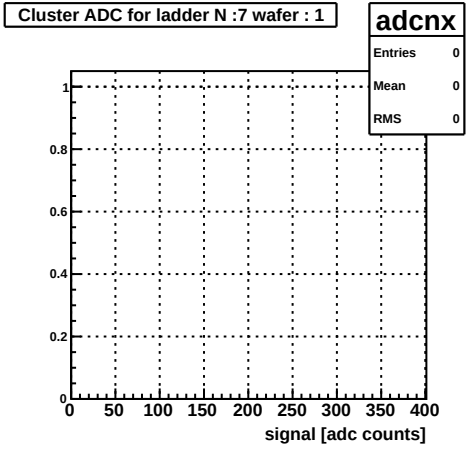

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 914
Mean 35.15
RMS 37.1
signal [adc counts]

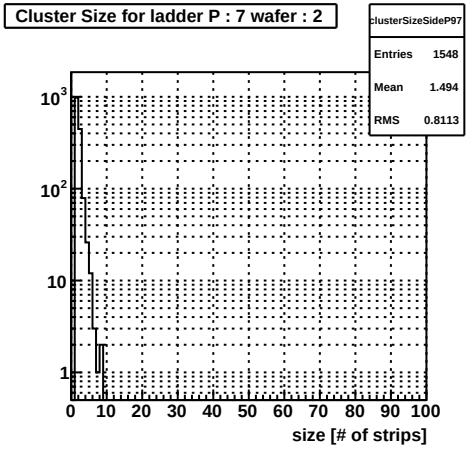

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5487
Mean 1.329
RMS 0.6737
size [# of strips]

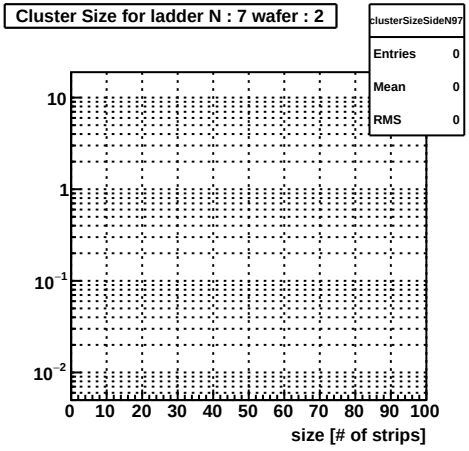

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

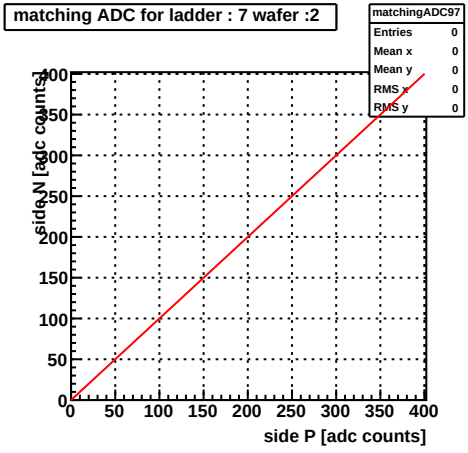

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

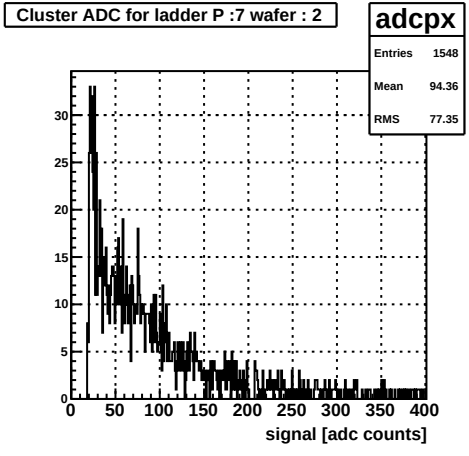

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5487
Mean 53.83
RMS 54.6
signal [adc counts]

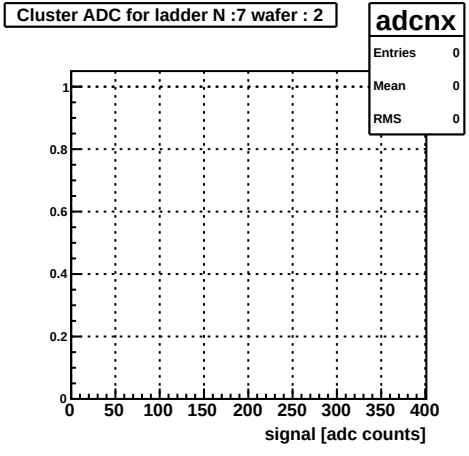

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

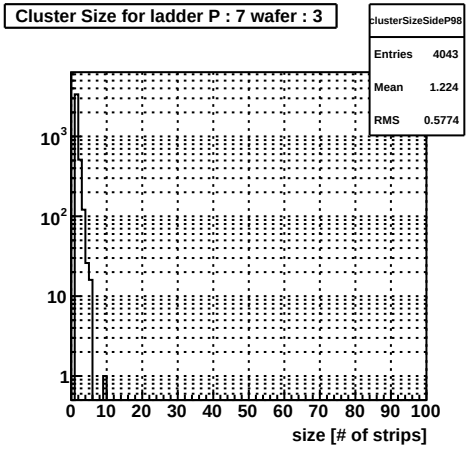

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1548
Mean 1.494
RMS 0.8113
size [# of strips]

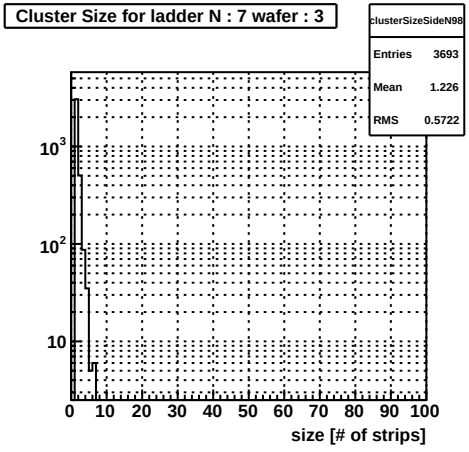

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

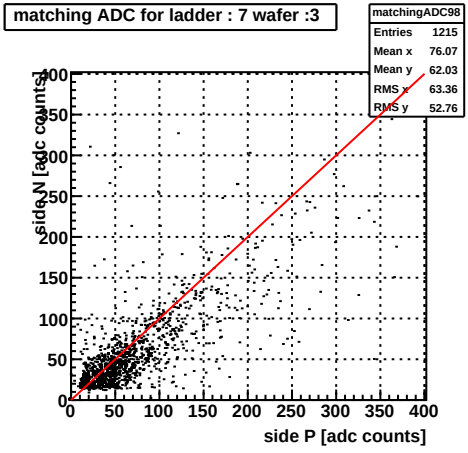

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

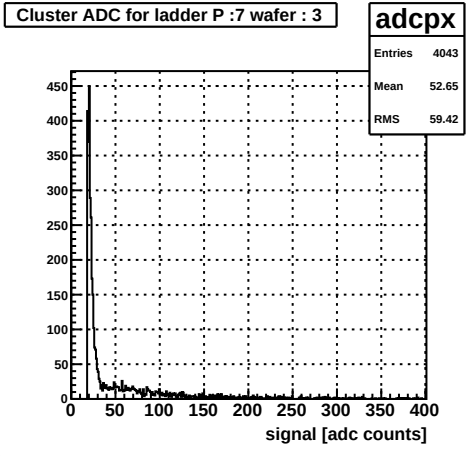

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1548
Mean 94.36
RMS 77.35
signal [adc counts]

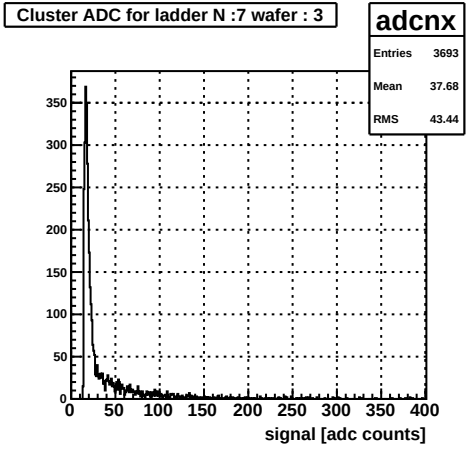

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

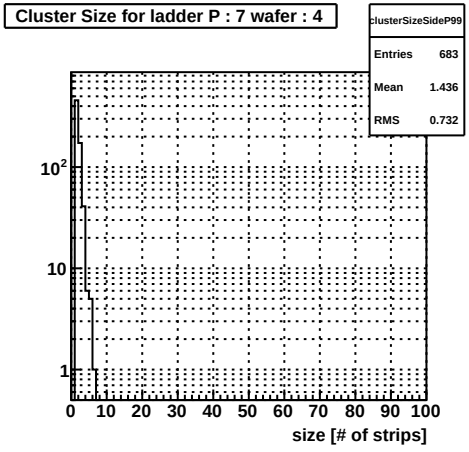

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 4043
Mean 1.224
RMS 0.5774
size [# of strips]

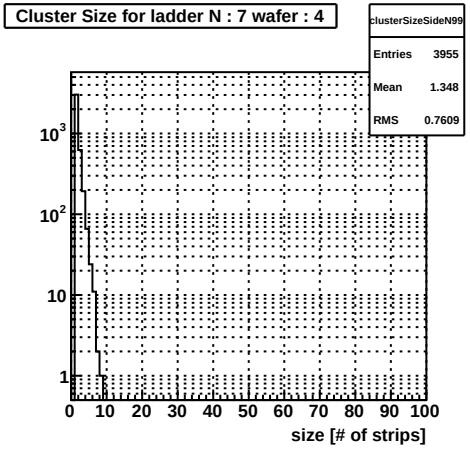

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 3693
Mean 1.226
RMS 0.5722
size [# of strips]

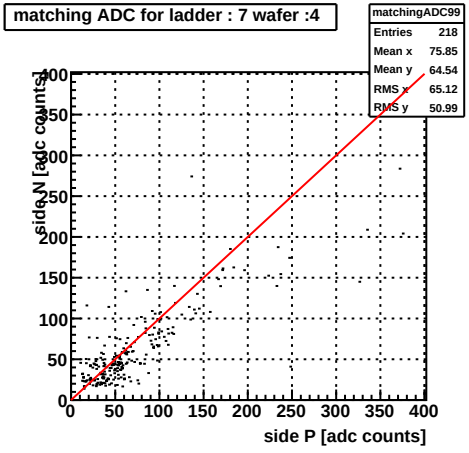

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1215
Mean x 76.07
Mean y 62.03
RMS x 63.36
RMS y 52.76
side N [adc counts]
side P [adc counts]

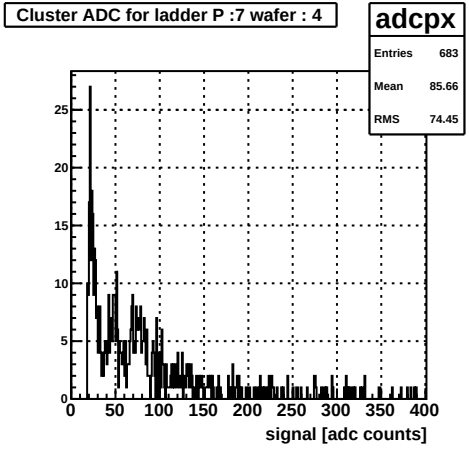

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 4043
Mean 52.65
RMS 59.42
signal [adc counts]

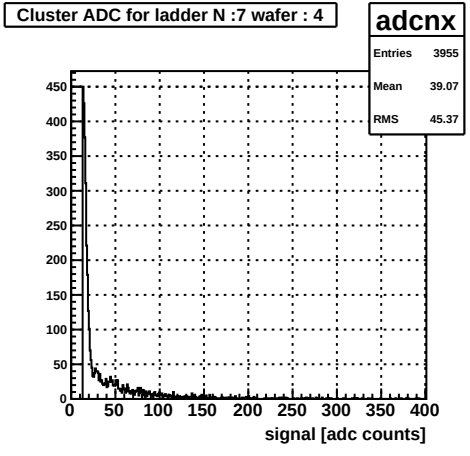

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 3693
Mean 37.68
RMS 43.44
signal [adc counts]

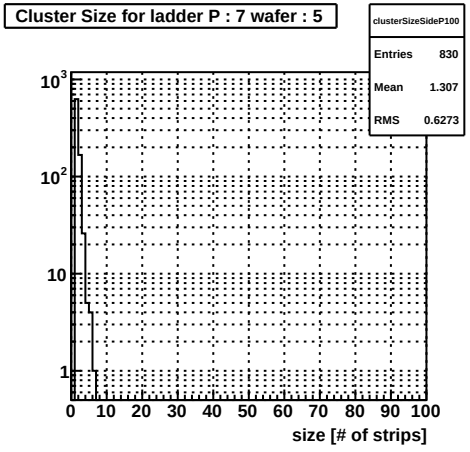

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 683
Mean 1.436
RMS 0.732
size [# of strips]

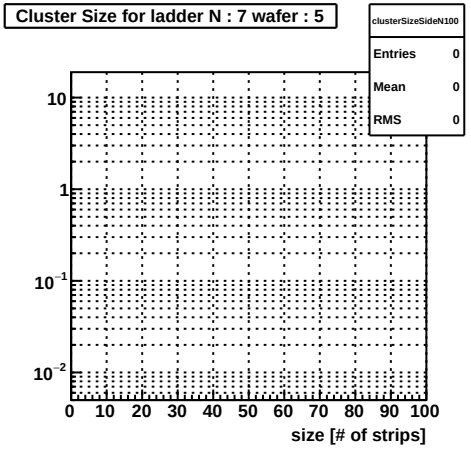

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3955
Mean 1.348
RMS 0.7609
size [# of strips]

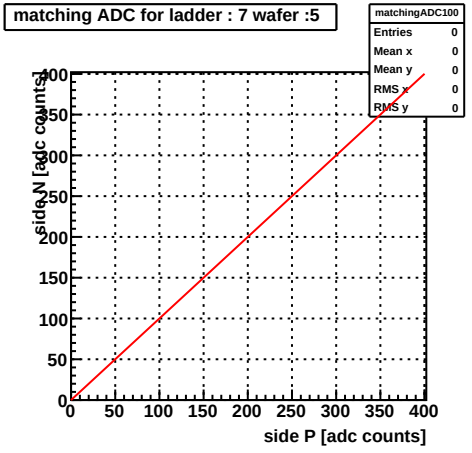

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 218
Mean x 75.85
Mean y 64.54
RMS x 65.12
RMS y 50.99
side N [adc counts]
side P [adc counts]

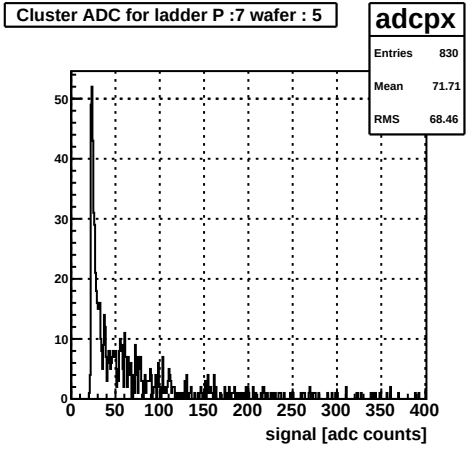

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 683
Mean 85.66
RMS 74.45
signal [adc counts]

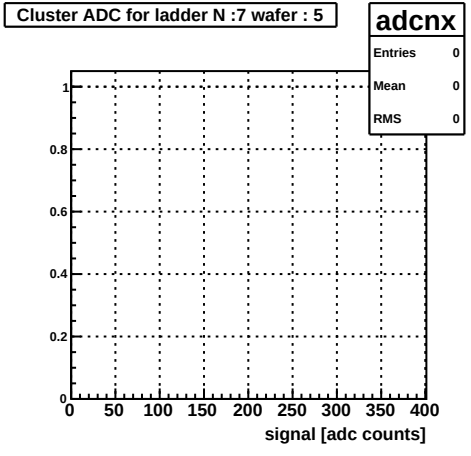

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3955
Mean 39.07
RMS 45.37
signal [adc counts]

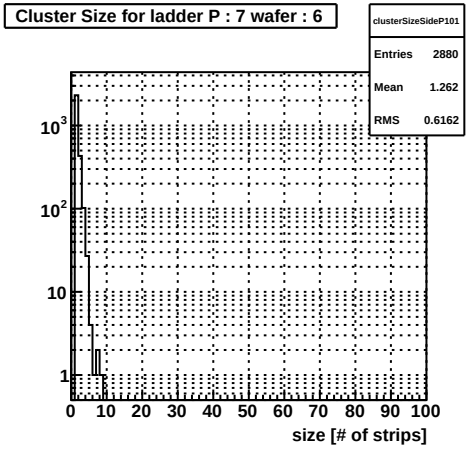

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 830
Mean 1.307
RMS 0.6273
size [# of strips]

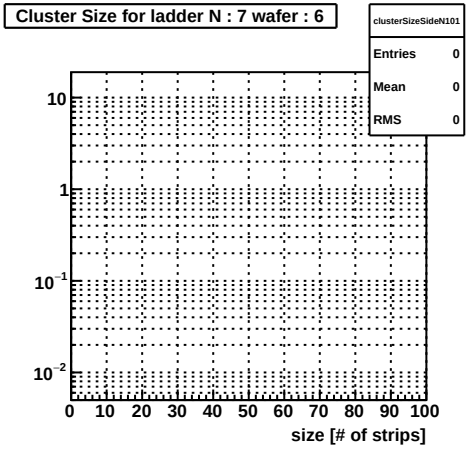

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

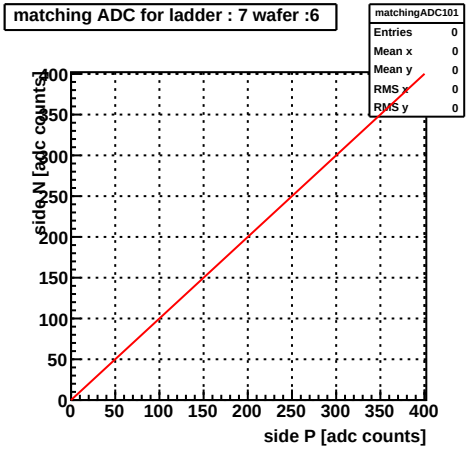

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

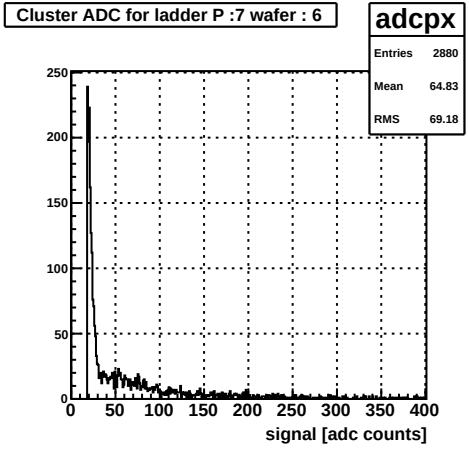

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 830
Mean 71.71
RMS 68.46
signal [adc counts]

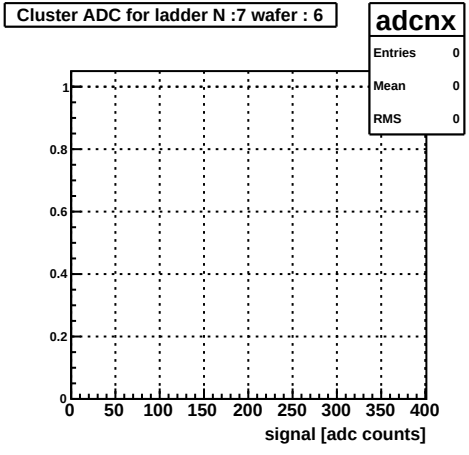

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

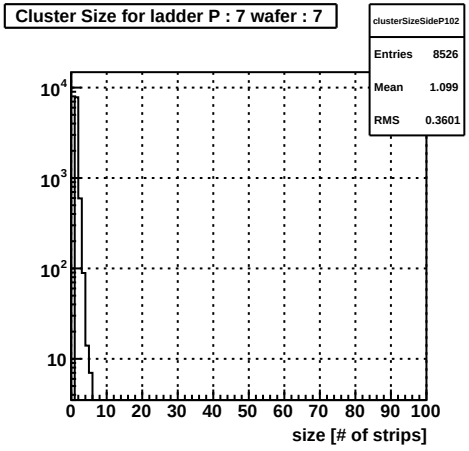

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2880
Mean 1.262
RMS 0.6162
size [# of strips]

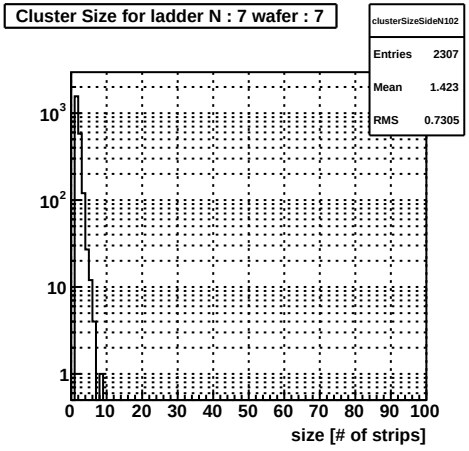

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

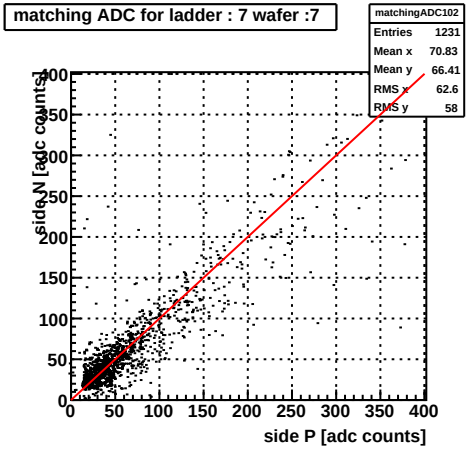

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

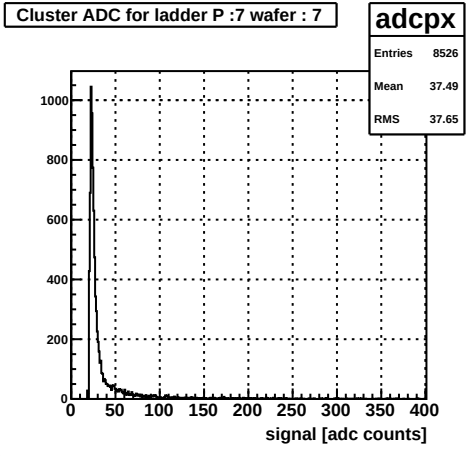

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2880
Mean 64.83
RMS 69.18
signal [adc counts]

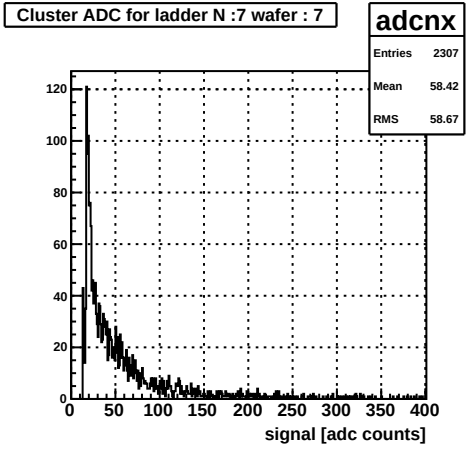

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

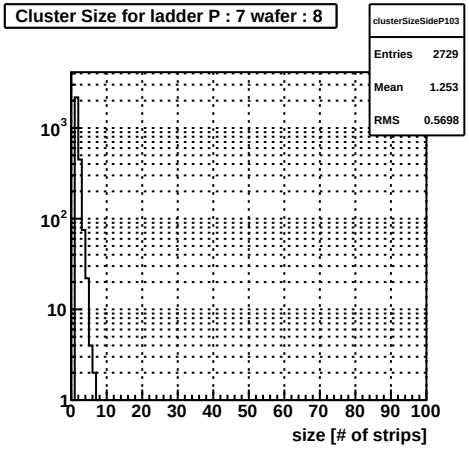

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 8526
Mean 1.099
RMS 0.3601
size [# of strips]

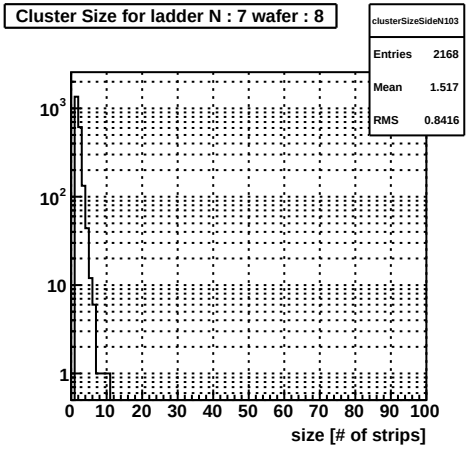

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2307
Mean 1.423
RMS 0.7305
size [# of strips]

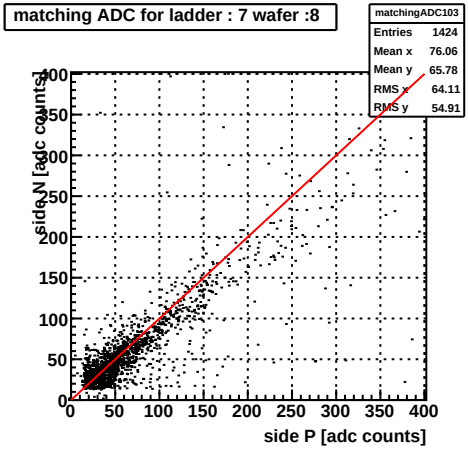

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1231
Mean x 70.83
Mean y 66.41
RMS x 62.6
RMS y 58
side N [adc counts]
side P [adc counts]

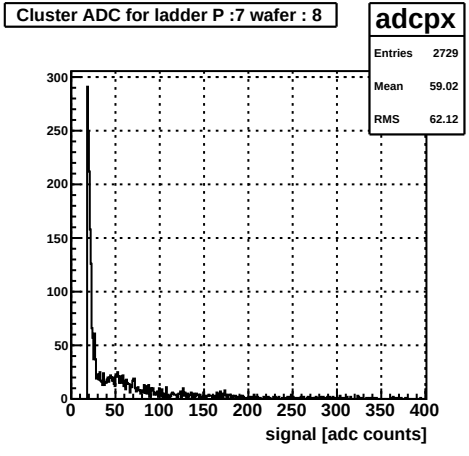

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 8526
Mean 37.49
RMS 37.65
signal [adc counts]

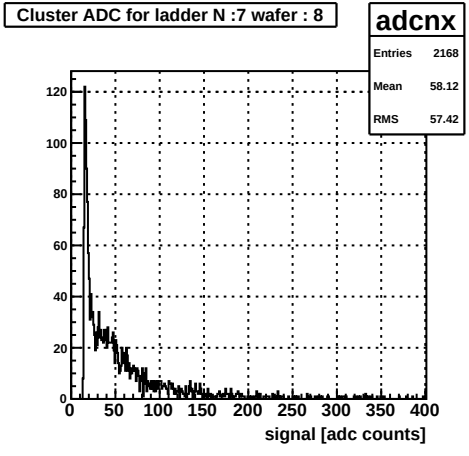

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2307
Mean 58.42
RMS 58.67
signal [adc counts]

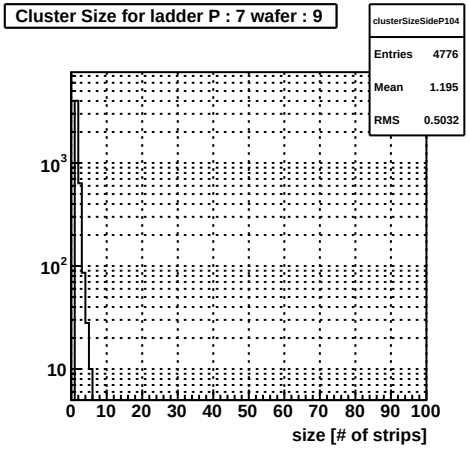

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2729
Mean 1.253
RMS 0.5698
size [# of strips]

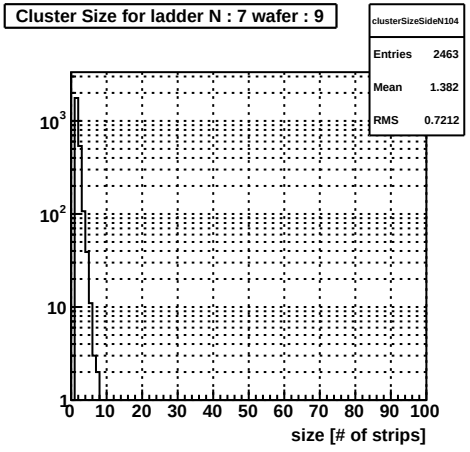

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2168
Mean 1.517
RMS 0.8416
size [# of strips]

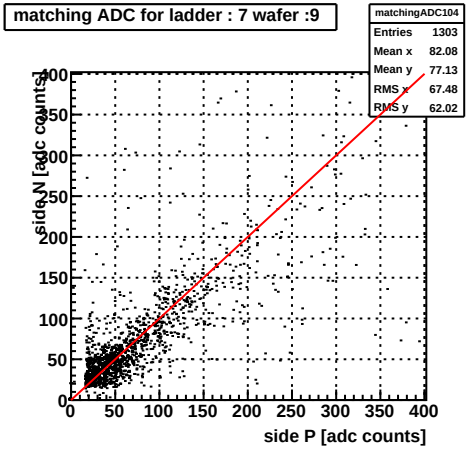

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1424
Mean x 76.06
Mean y 65.78
RMS x 64.11
RMS y 54.91
side N [adc counts]
side P [adc counts]

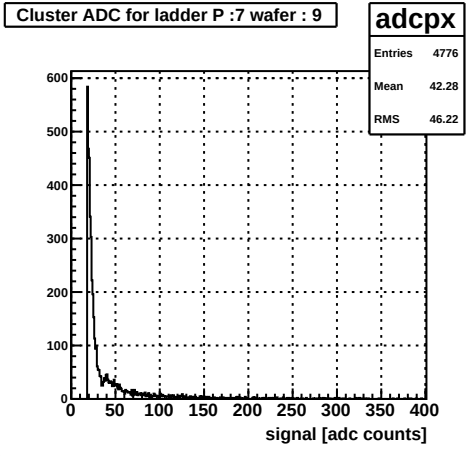

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2729
Mean 59.02
RMS 62.12
signal [adc counts]

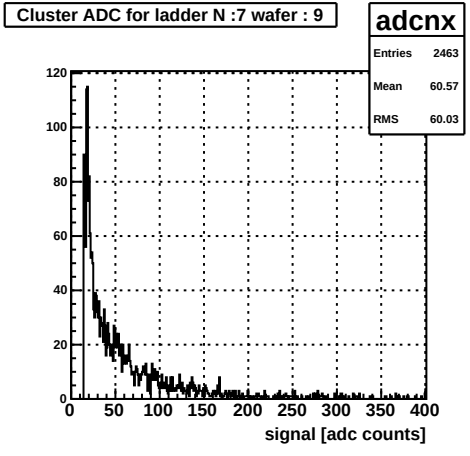

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2168
Mean 58.12
RMS 57.42
signal [adc counts]

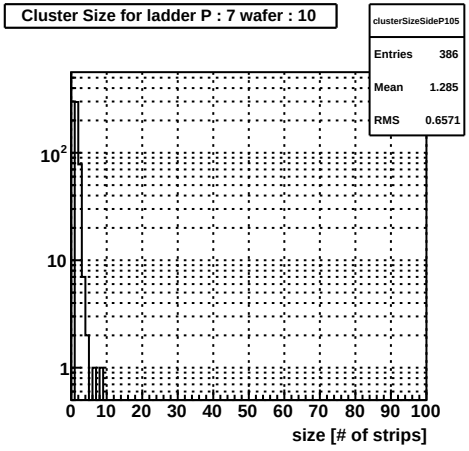

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4776
Mean 1.195
RMS 0.5032
size [# of strips]

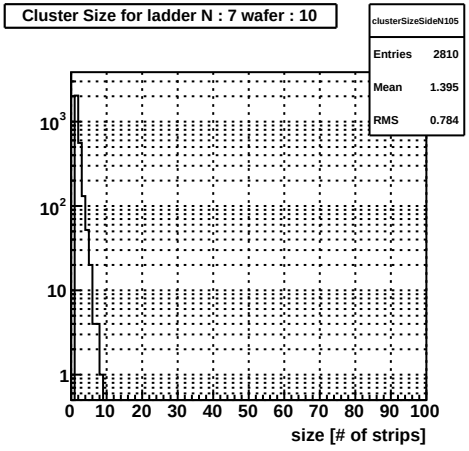

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2463
Mean 1.382
RMS 0.7212
size [# of strips]

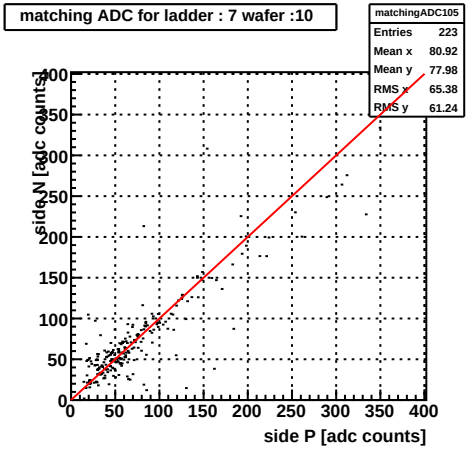

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1303
Mean x 82.08
Mean y 77.13
RMS x 67.48
RMS y 62.02
side N [adc counts]
side P [adc counts]

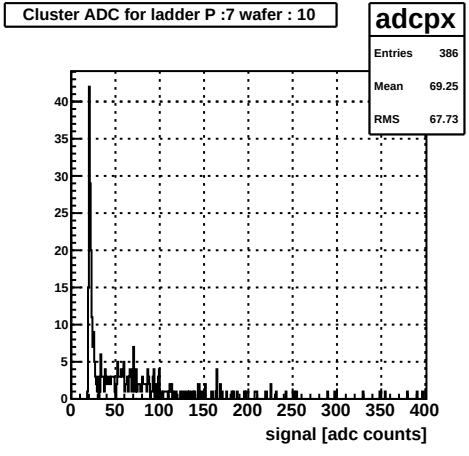

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4776
Mean 42.28
RMS 46.22
signal [adc counts]

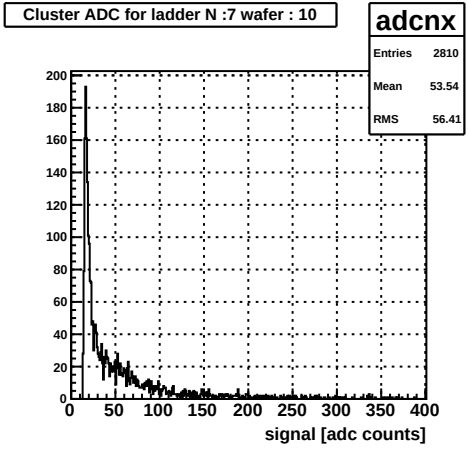

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2463
Mean 60.57
RMS 60.03
signal [adc counts]

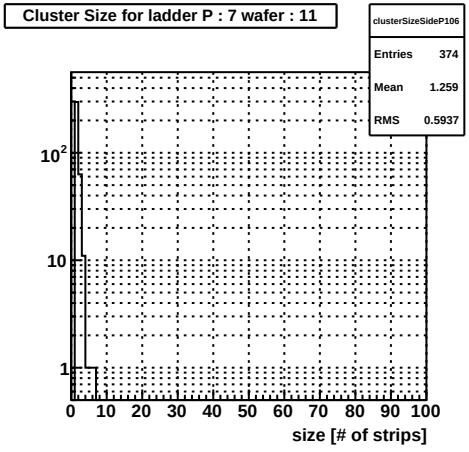

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 386
Mean 1.285
RMS 0.6571
size [# of strips]

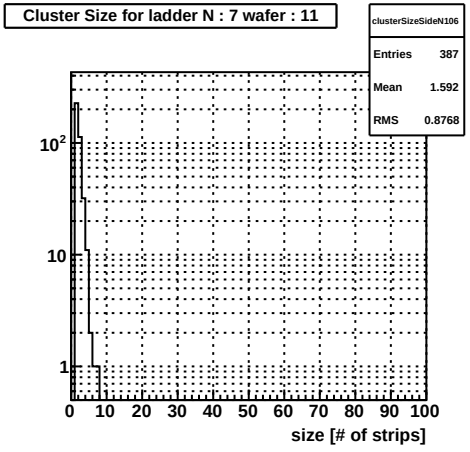

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2810
Mean 1.395
RMS 0.784
size [# of strips]

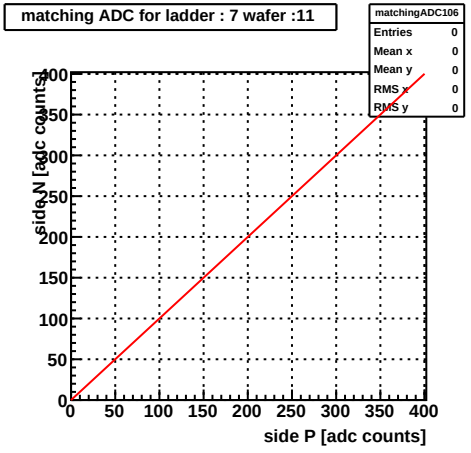

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 223
Mean x 80.92
Mean y 77.98
RMS x 65.38
RMS y 61.24
side N [adc counts]
side P [adc counts]

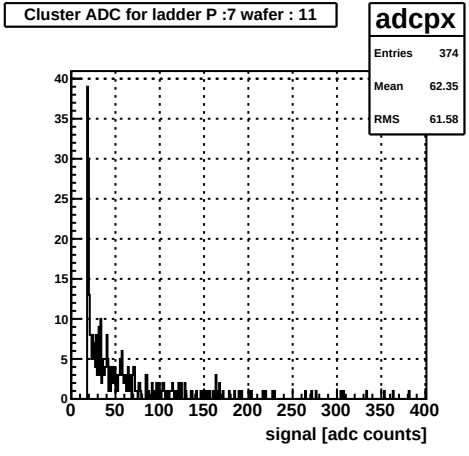

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 386
Mean 69.25
RMS 67.73
signal [adc counts]

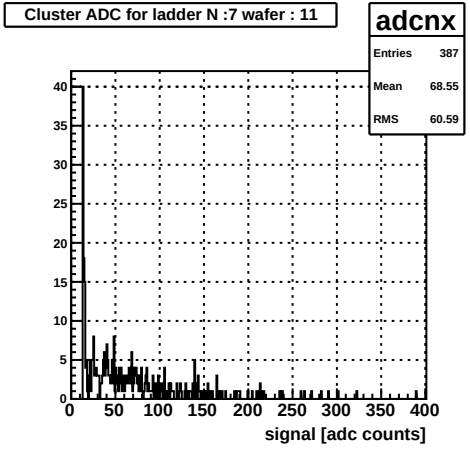

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2810
Mean 53.54
RMS 56.41
signal [adc counts]

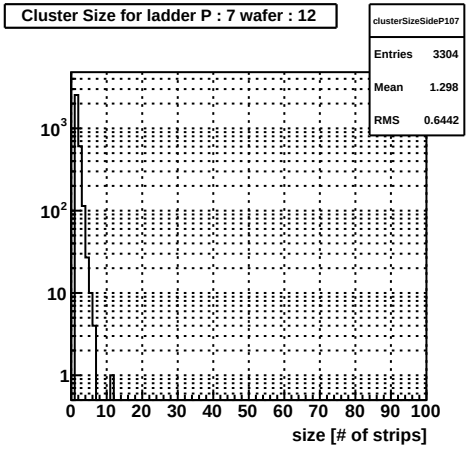

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 374
Mean 1.259
RMS 0.5937
size [# of strips]

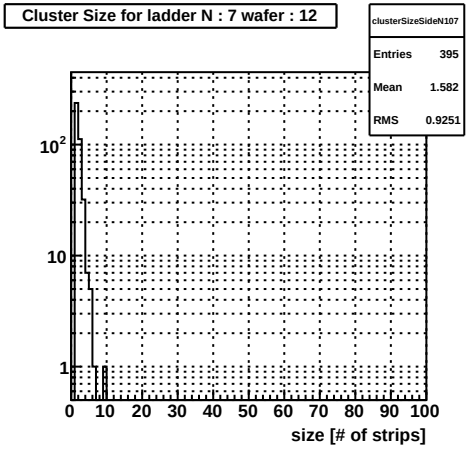

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 387
Mean 1.592
RMS 0.8768
size [# of strips]

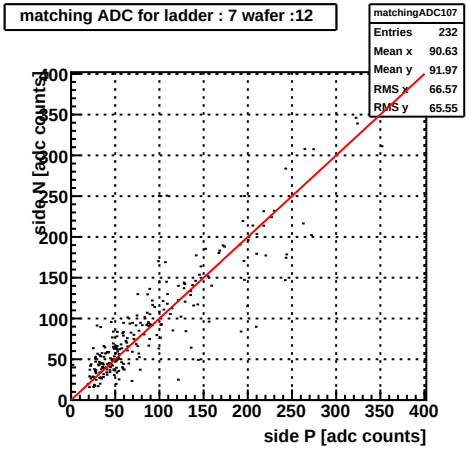

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

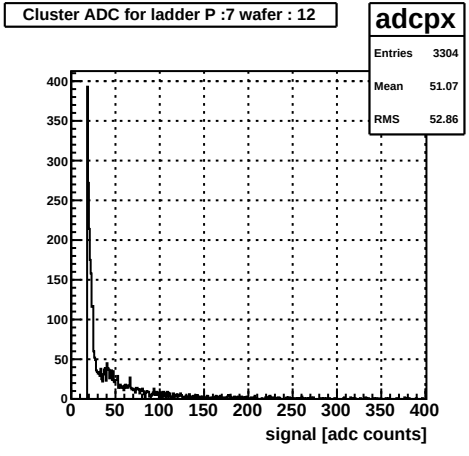

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 374
Mean 62.35
RMS 61.58
signal [adc counts]

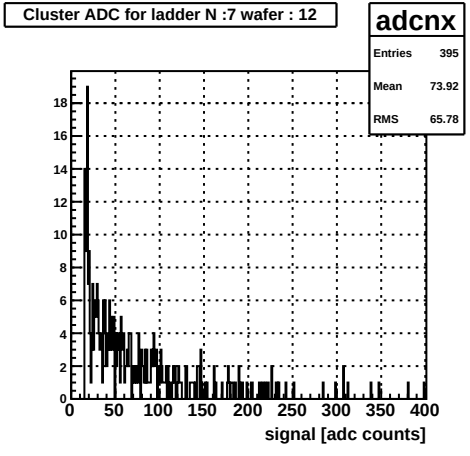

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 387
Mean 68.55
RMS 60.59
signal [adc counts]

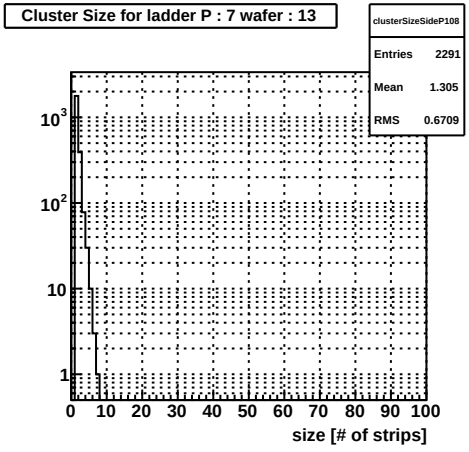

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 3304
Mean 1.298
RMS 0.6442
size [# of strips]

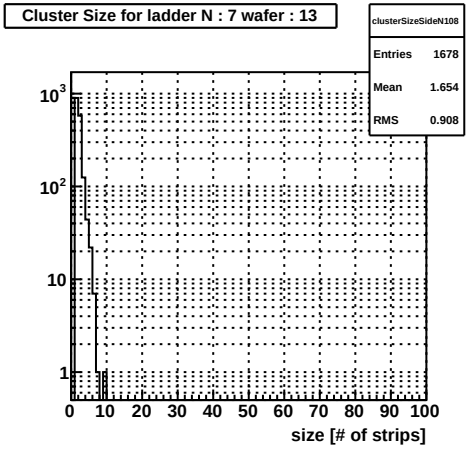

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 395
Mean 1.582
RMS 0.9251
size [# of strips]

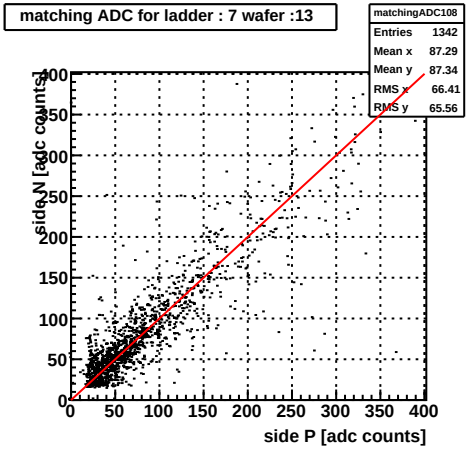

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 232
Mean x 90.63
Mean y 91.97
RMS x 66.57
RMS y 65.55
side N [adc counts]
side P [adc counts]

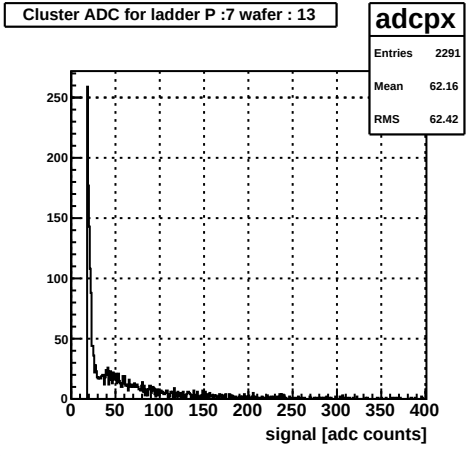

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 3304
Mean 51.07
RMS 52.86
signal [adc counts]

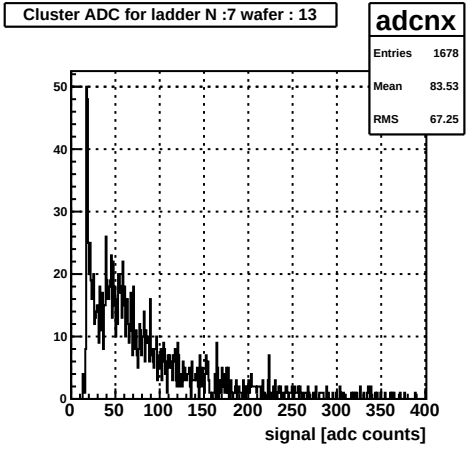

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 395
Mean 73.92
RMS 65.78
signal [adc counts]

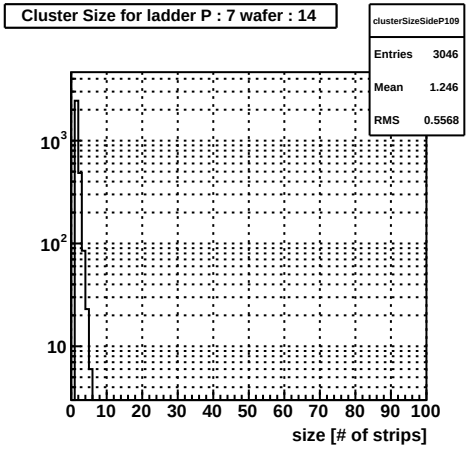

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2291
Mean 1.305
RMS 0.6709
size [# of strips]

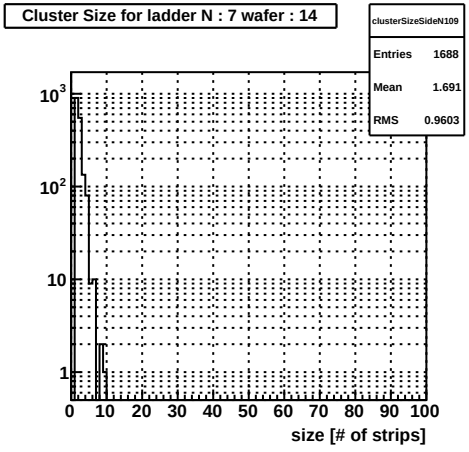

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1678
Mean 1.654
RMS 0.908
size [# of strips]

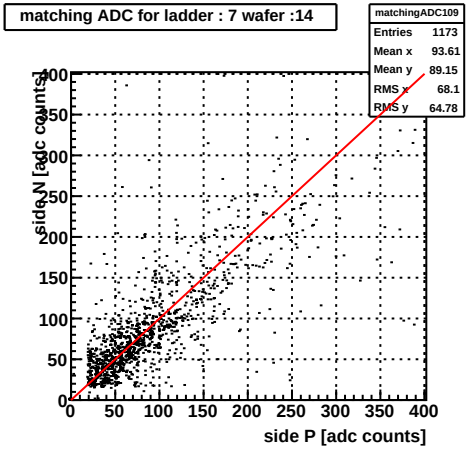

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1342
Mean x 87.29
Mean y 87.34
RMS x 66.41
RMS y 65.56
side N [adc counts]
side P [adc counts]

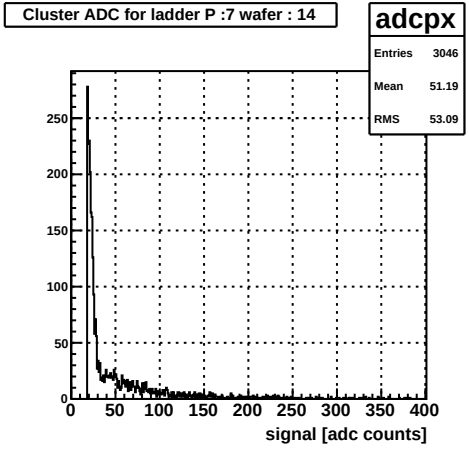

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2291
Mean 62.16
RMS 62.42
signal [adc counts]

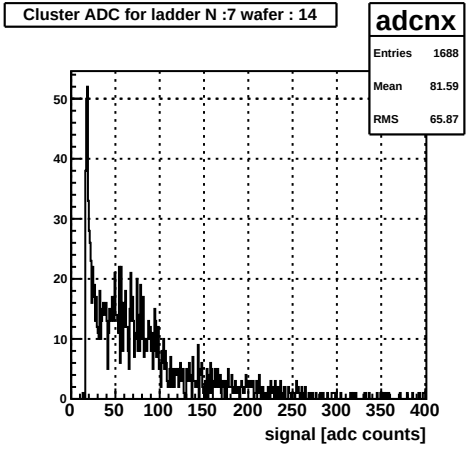

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1678
Mean 83.53
RMS 67.25
signal [adc counts]

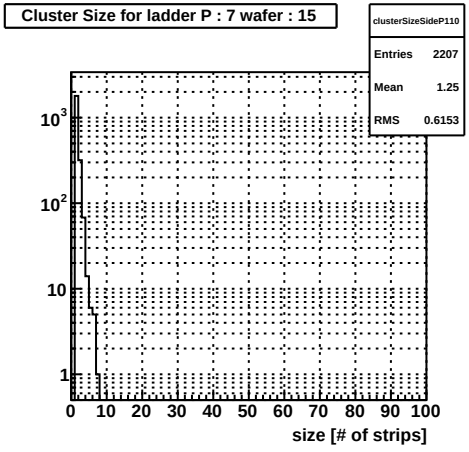

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 3046
Mean 1.246
RMS 0.5568
size [# of strips]

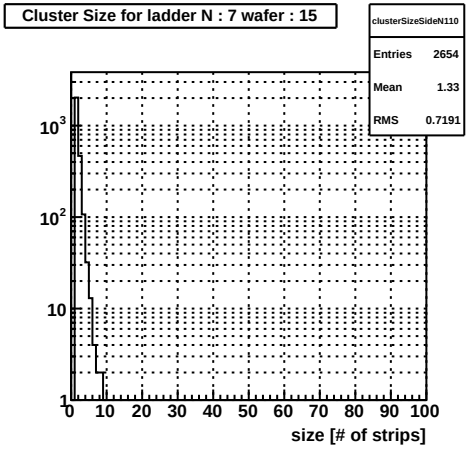

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1688
Mean 1.691
RMS 0.9603
size [# of strips]

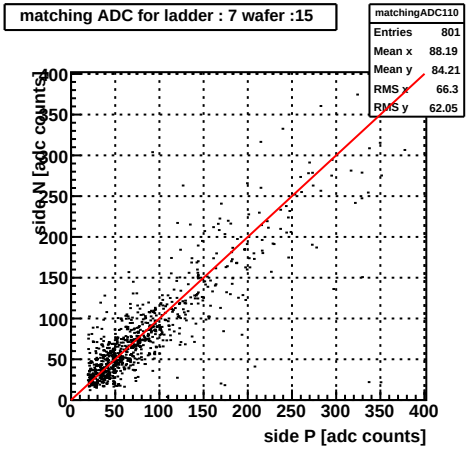

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1173
Mean x 93.61
Mean y 89.15
RMS x 68.1
RMS y 64.78
side N [adc counts]
side P [adc counts]

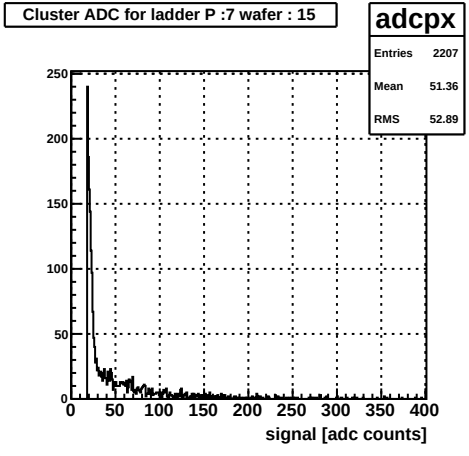

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 3046
Mean 51.19
RMS 53.09
signal [adc counts]

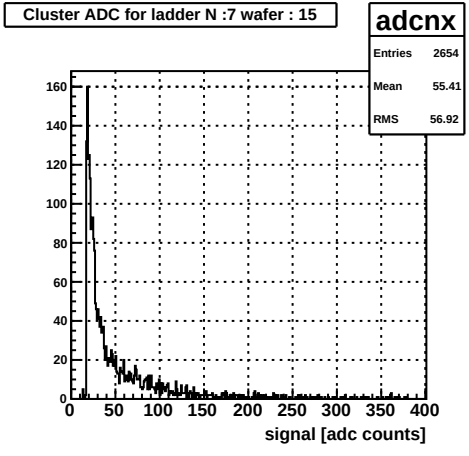

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1688
Mean 81.59
RMS 65.87
signal [adc counts]

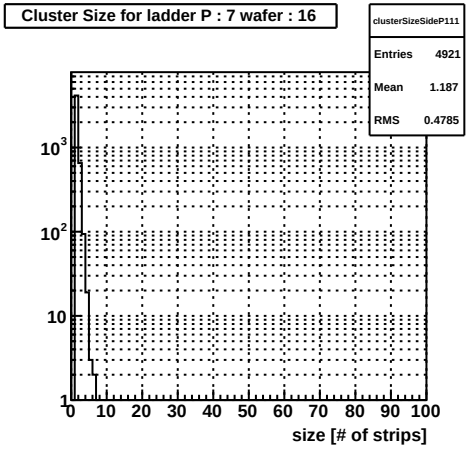

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2207
Mean 1.25
RMS 0.6153
size [# of strips]

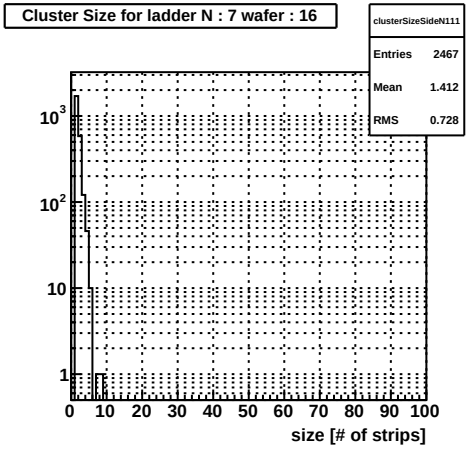

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2654
Mean 1.33
RMS 0.7191
size [# of strips]

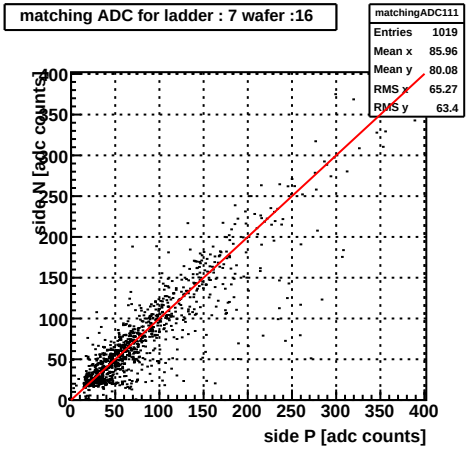

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 801
Mean x 88.19
Mean y 84.21
RMS x 66.3
RMS y 62.05
side N [adc counts]
side P [adc counts]

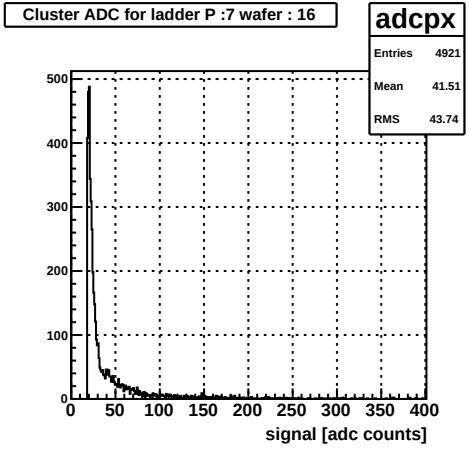

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2207
Mean 51.36
RMS 52.89
signal [adc counts]

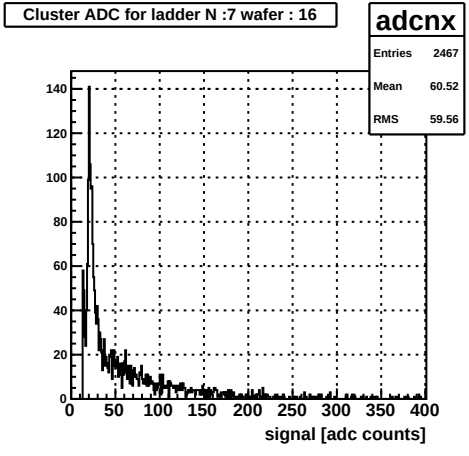

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2654
Mean 55.41
RMS 56.92
signal [adc counts]

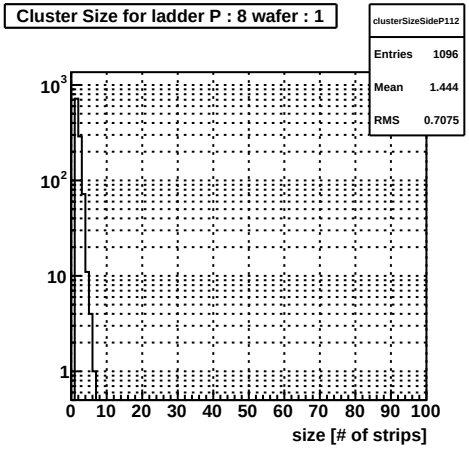

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4921
Mean 1.187
RMS 0.4785
size [# of strips]

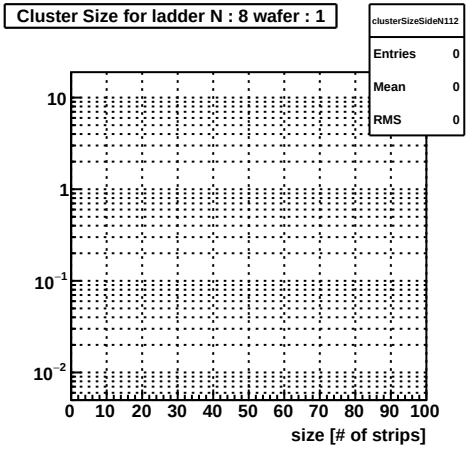

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2467
Mean 1.412
RMS 0.728
size [# of strips]

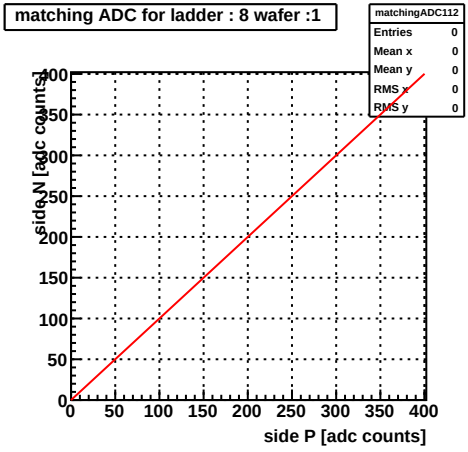

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1019
Mean x 85.96
Mean y 80.08
RMS x 65.27
RMS y 63.4
side N [adc counts]
side P [adc counts]

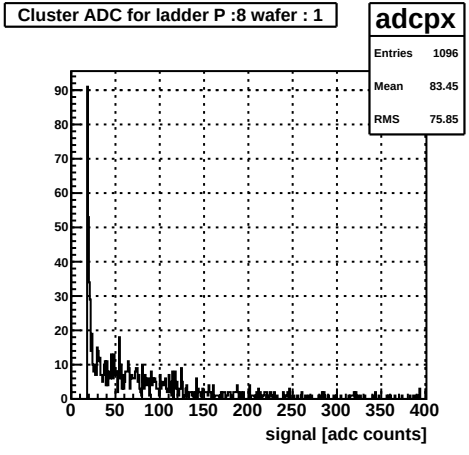

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4921
Mean 41.51
RMS 43.74
signal [adc counts]

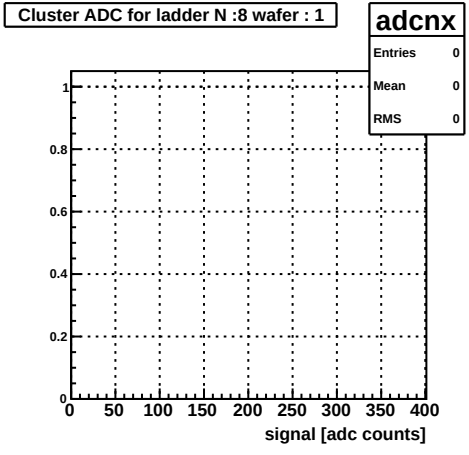

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2467
Mean 60.52
RMS 59.56
signal [adc counts]

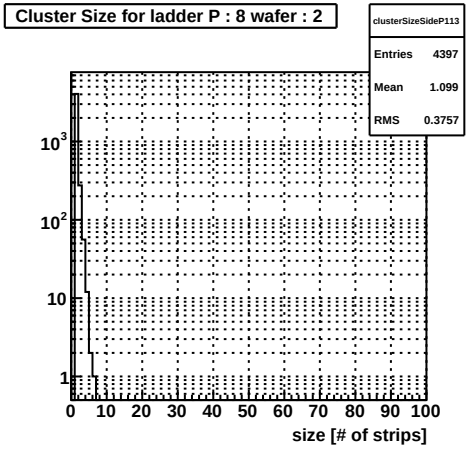

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1096
Mean 1.444
RMS 0.7075
size [# of strips]

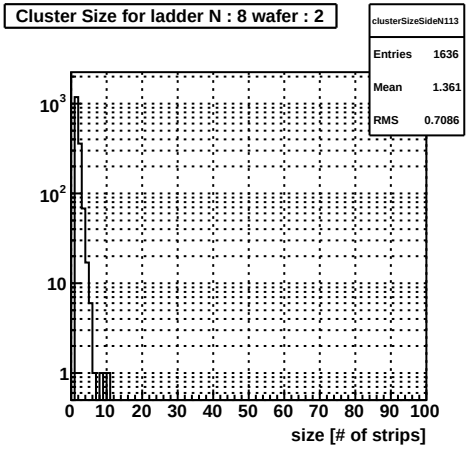

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

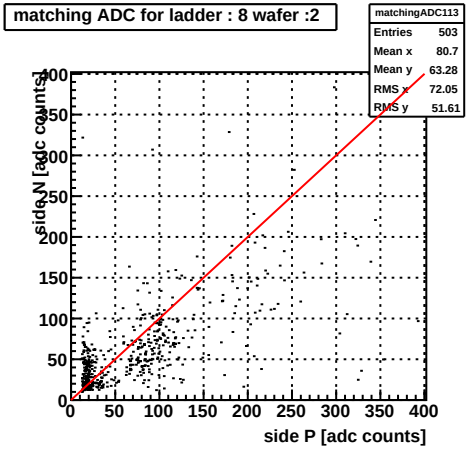

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

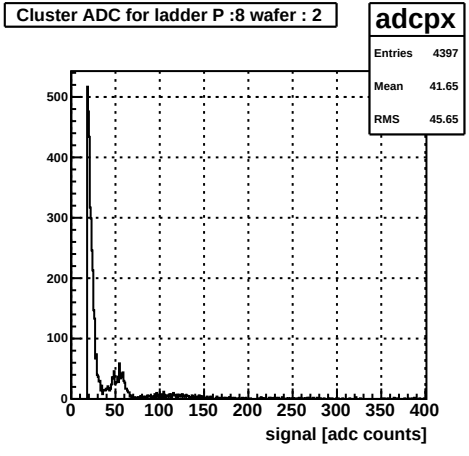

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1096
Mean 83.45
RMS 75.85
signal [adc counts]

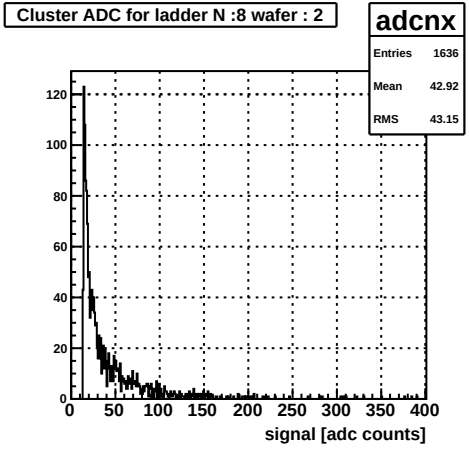

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

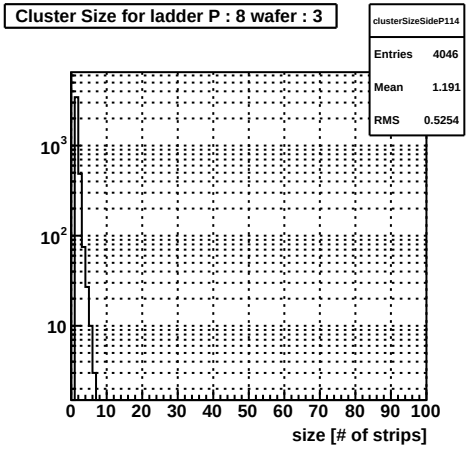

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 4397
Mean 1.099
RMS 0.3757
size [# of strips]

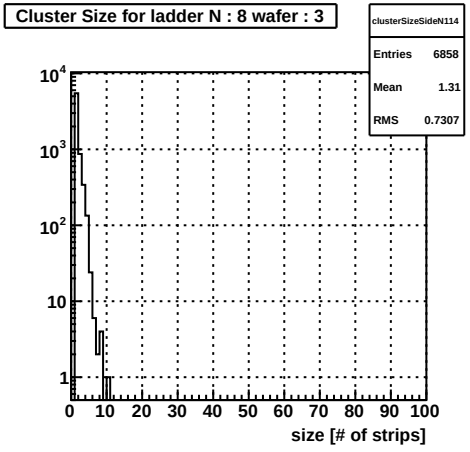

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1636
Mean 1.361
RMS 0.7086
size [# of strips]

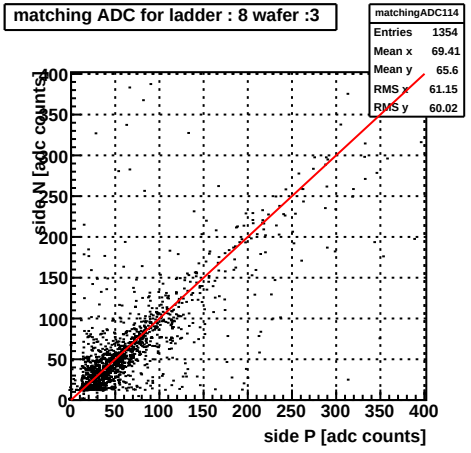

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 503
Mean x 80.7
Mean y 63.28
RMS x 72.05
RMS y 51.61
side N [adc counts]
side P [adc counts]

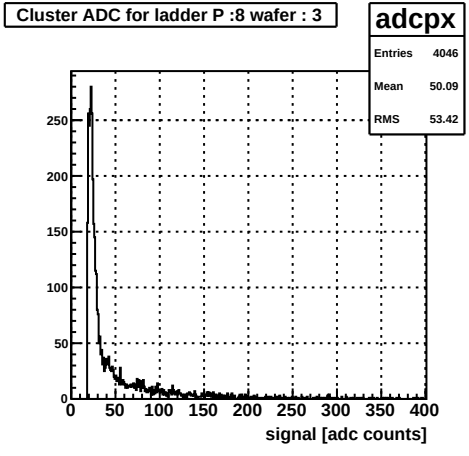

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 4397
Mean 41.65
RMS 45.65
signal [adc counts]

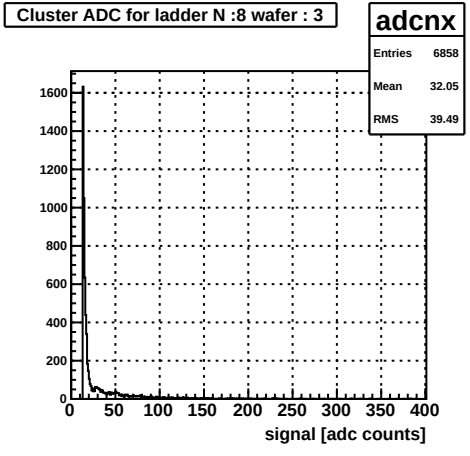

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1636
Mean 42.92
RMS 43.15
signal [adc counts]

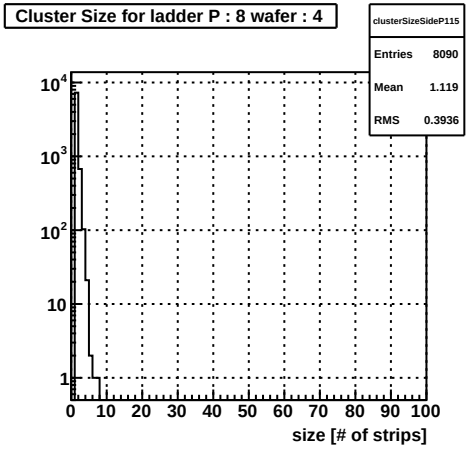

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 4046
Mean 1.191
RMS 0.5254
size [# of strips]

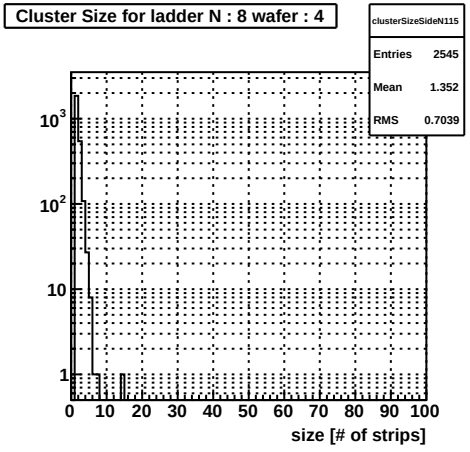

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 6858
Mean 1.31
RMS 0.7307
size [# of strips]

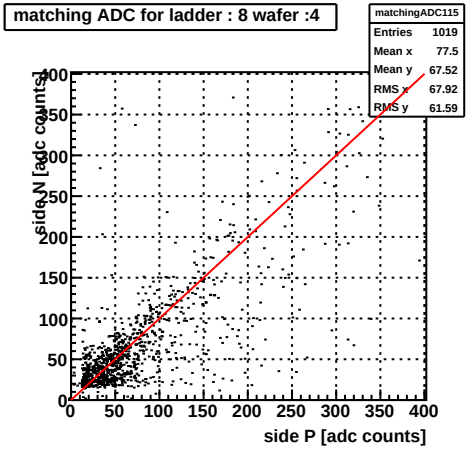

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1354
Mean x 69.41
Mean y 65.6
RMS x 61.15
RMS y 60.02
side N [adc counts]
side P [adc counts]

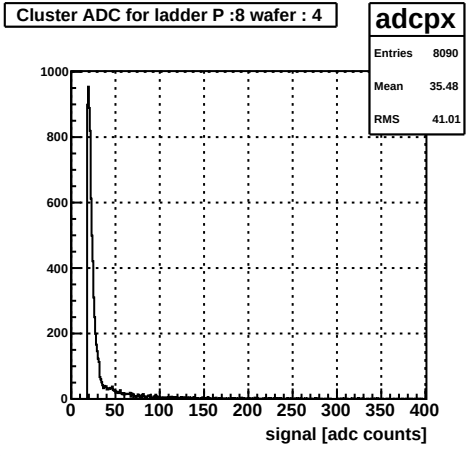

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 4046
Mean 50.09
RMS 53.42
signal [adc counts]

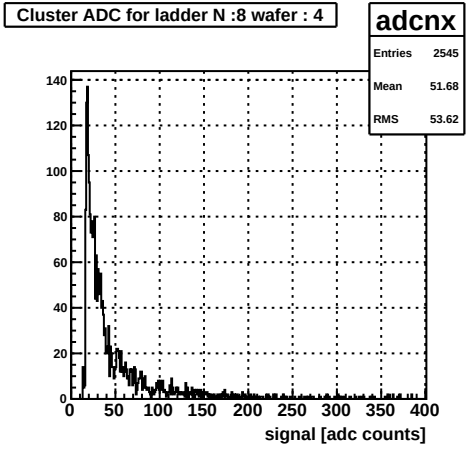

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 6858
Mean 32.05
RMS 39.49
signal [adc counts]

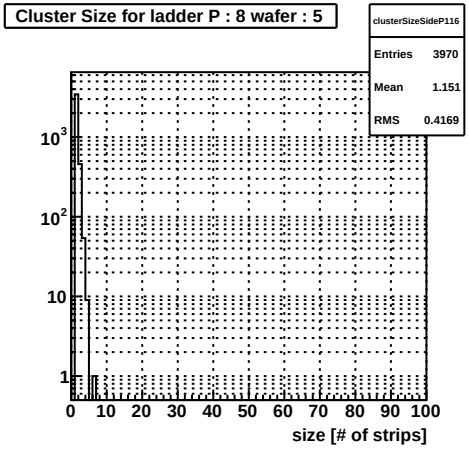

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 8090
Mean 1.119
RMS 0.3936
size [# of strips]

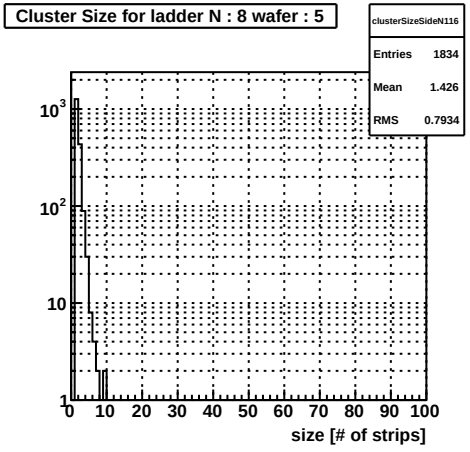

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2545
Mean 1.352
RMS 0.7039
size [# of strips]

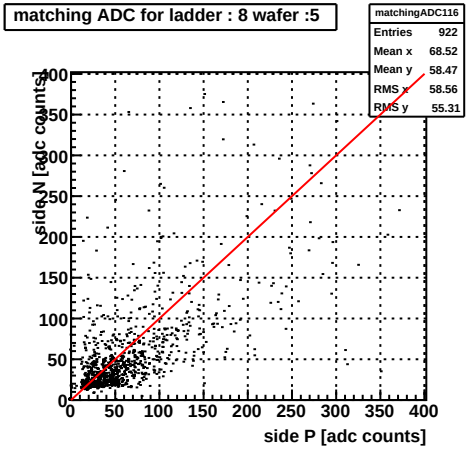

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1019
Mean x 77.5
Mean y 67.52
RMS x 67.92
RMS y 61.59
side N [adc counts]
side P [adc counts]

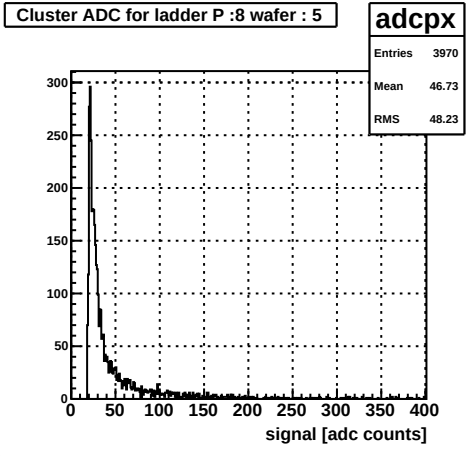

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 8090
Mean 35.48
RMS 41.01
signal [adc counts]

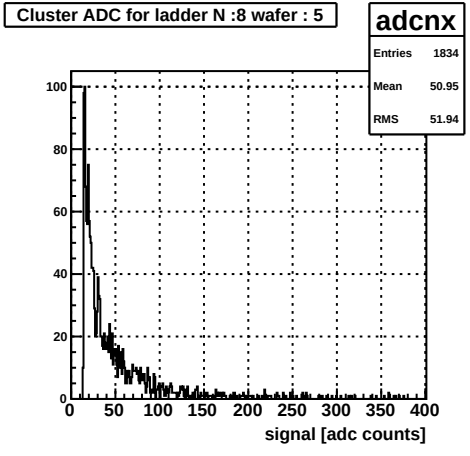

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2545
Mean 51.68
RMS 53.62
signal [adc counts]

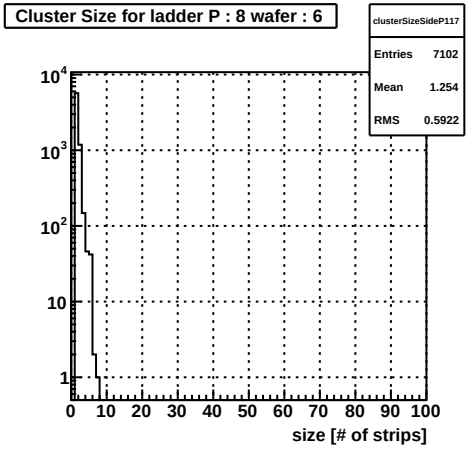

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 3970
Mean 1.151
RMS 0.4169
size [# of strips]

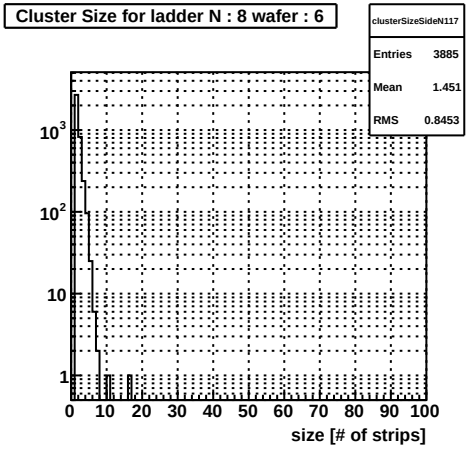

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1834
Mean 1.426
RMS 0.7934
size [# of strips]

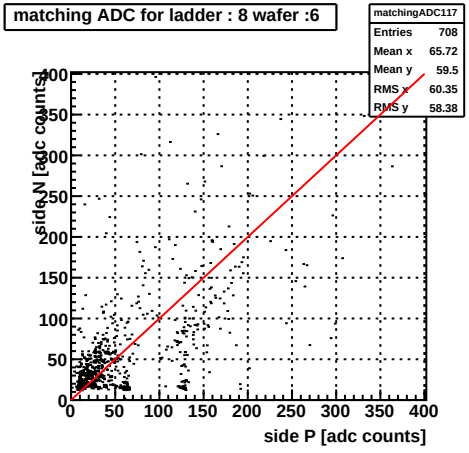

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 922
Mean x 68.52
Mean y 58.47
RMS x 58.56
RMS y 55.31
side N [adc counts]
side P [adc counts]

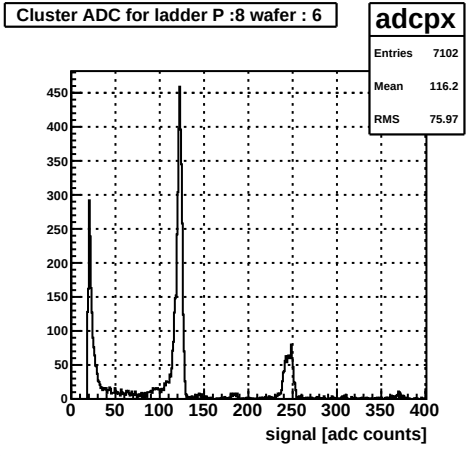

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 3970
Mean 46.73
RMS 48.23
signal [adc counts]

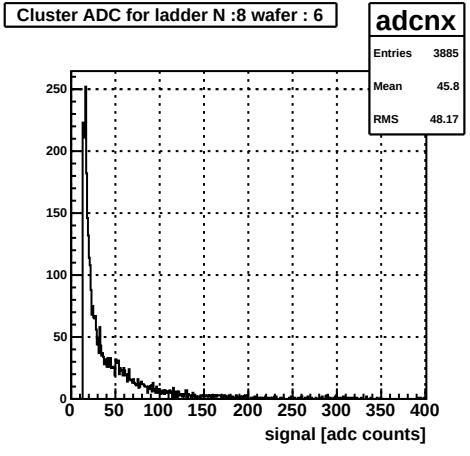

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1834
Mean 50.95
RMS 51.94
signal [adc counts]

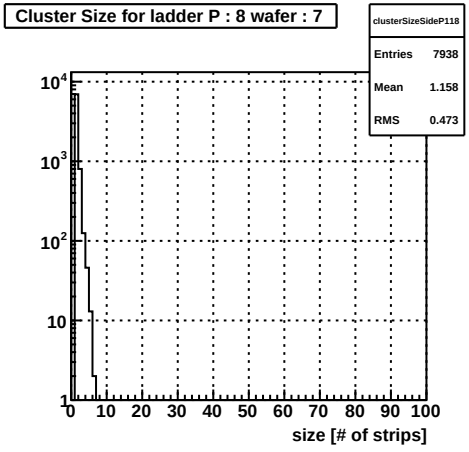

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7102
Mean 1.254
RMS 0.5922
size [# of strips]

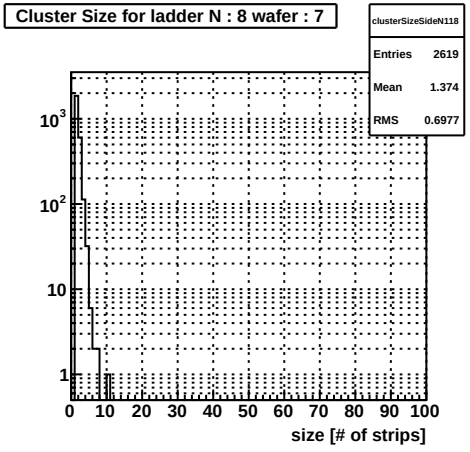

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 3885
Mean 1.451
RMS 0.8453
size [# of strips]

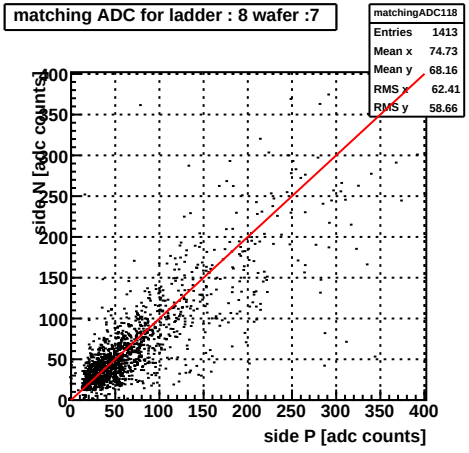

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 708
Mean x 65.72
Mean y 59.5
RMS x 60.35
RMS y 58.38
side N [adc counts]
side P [adc counts]

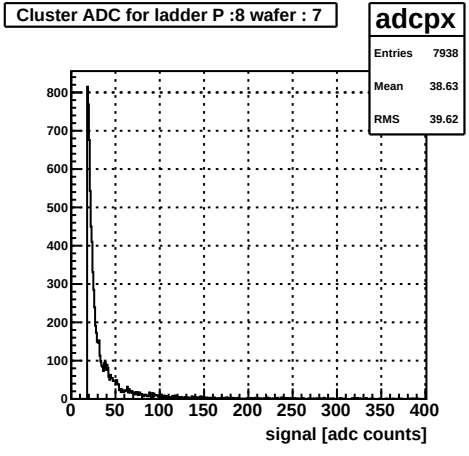

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7102
Mean 116.2
RMS 75.97
signal [adc counts]

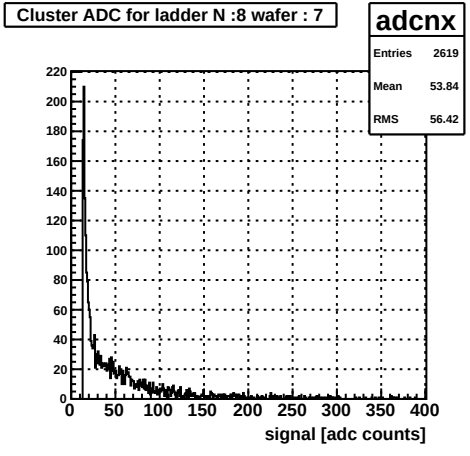

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 3885
Mean 45.8
RMS 48.17
signal [adc counts]

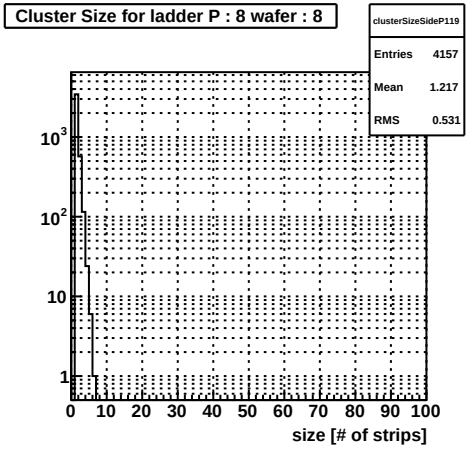

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 7938
Mean 1.158
RMS 0.473
size [# of strips]

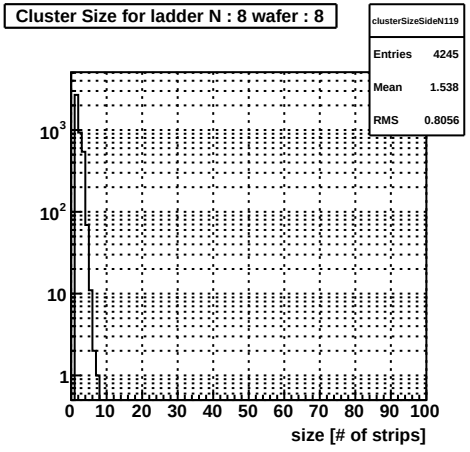

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2619
Mean 1.374
RMS 0.6977
size [# of strips]

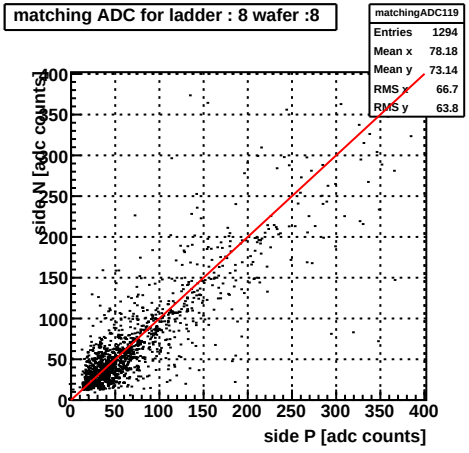

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1413
Mean x 74.73
Mean y 68.16
RMS x 62.41
RMS y 58.66
side N [adc counts]
side P [adc counts]

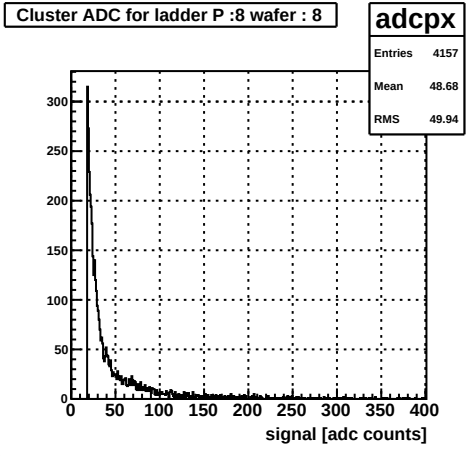

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 7938
Mean 38.63
RMS 39.62
signal [adc counts]

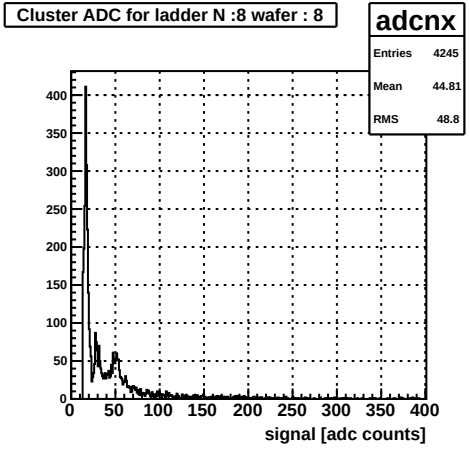

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2619
Mean 53.84
RMS 56.42
signal [adc counts]

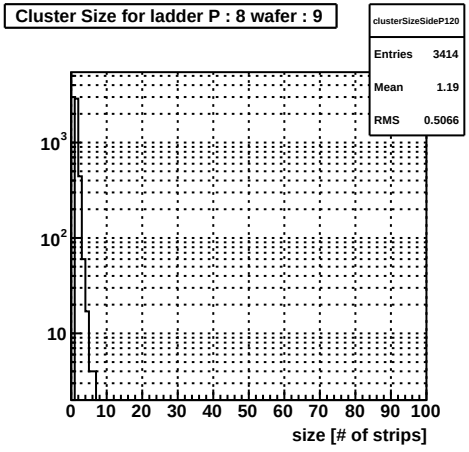

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 4157
Mean 1.217
RMS 0.531
size [# of strips]

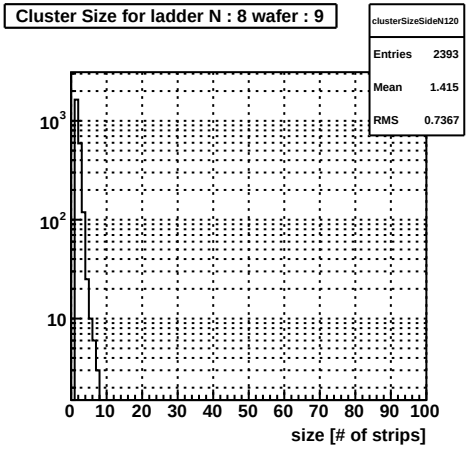

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 4245
Mean 1.538
RMS 0.8056
size [# of strips]

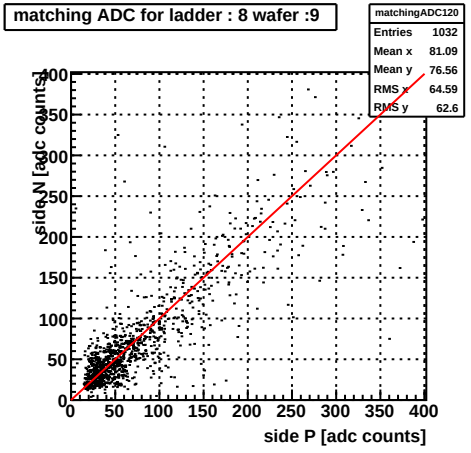

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1294
Mean x 78.18
Mean y 73.14
RMS x 66.7
RMS y 63.8
side N [adc counts]
side P [adc counts]

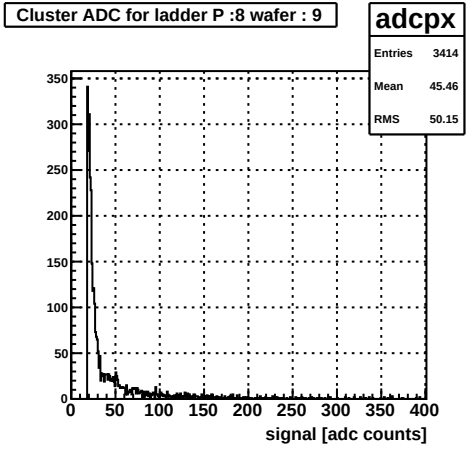

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 4157
Mean 48.68
RMS 49.94
signal [adc counts]

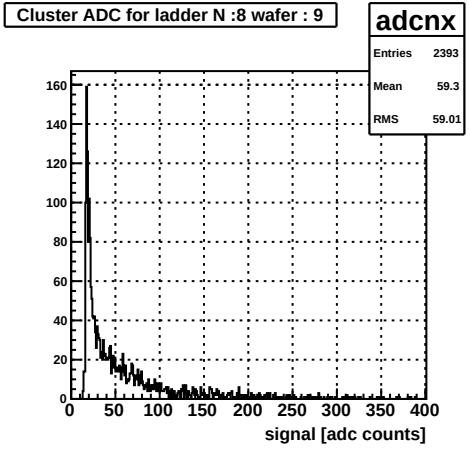

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 4245
Mean 44.81
RMS 48.8
signal [adc counts]

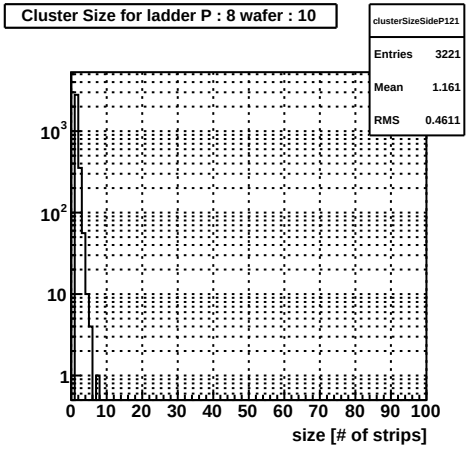

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3414
Mean 1.19
RMS 0.5066
size [# of strips]

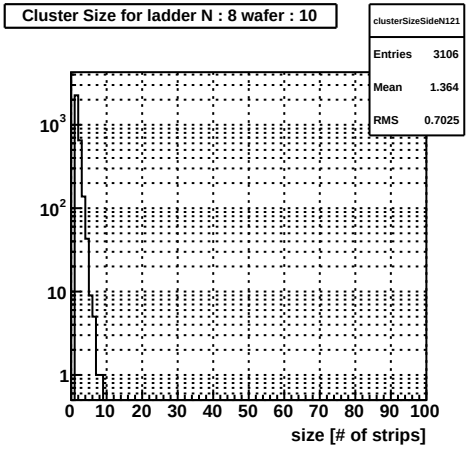

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2393
Mean 1.415
RMS 0.7367
size [# of strips]

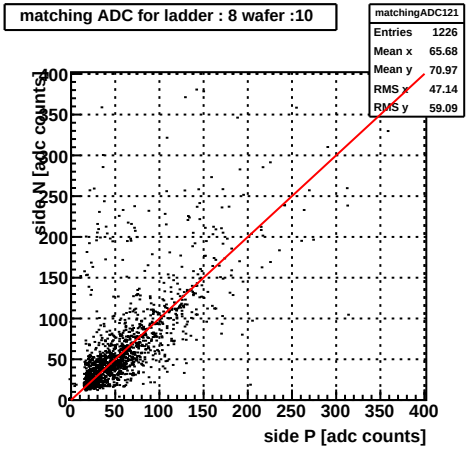

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1032
Mean x 81.09
Mean y 76.56
RMS x 64.59
RMS y 62.6
side N [adc counts]
side P [adc counts]

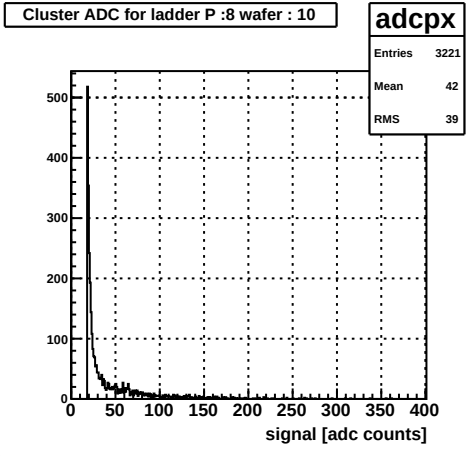

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3414
Mean 45.46
RMS 50.15
signal [adc counts]

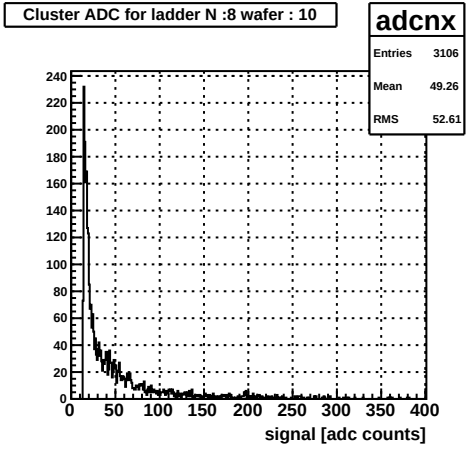

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2393
Mean 59.3
RMS 59.01
signal [adc counts]

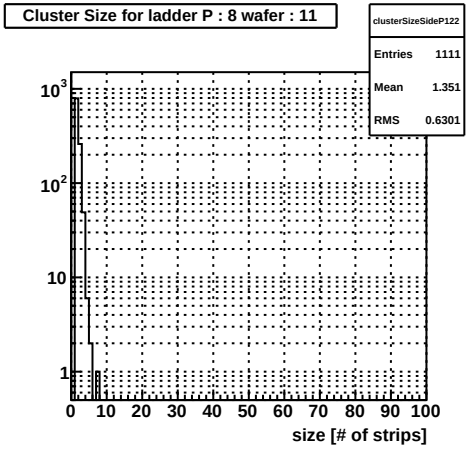

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 3221
Mean 1.161
RMS 0.4611
size [# of strips]

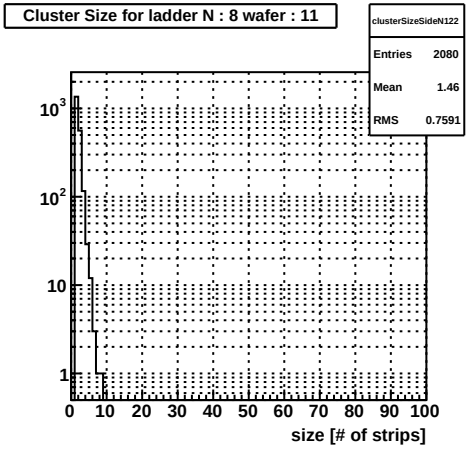

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3106
Mean 1.364
RMS 0.7025
size [# of strips]

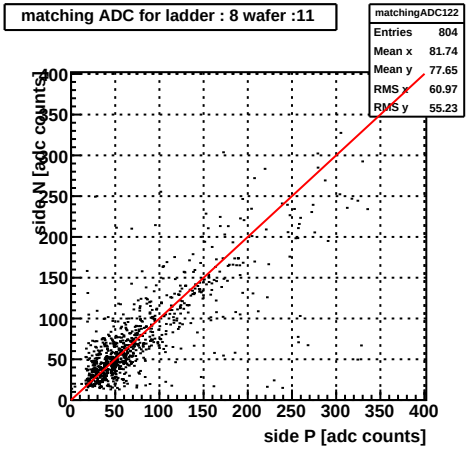

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1226
Mean x 65.68
Mean y 70.97
RMS x 47.14
RMS y 59.09
side N [adc counts]
side P [adc counts]

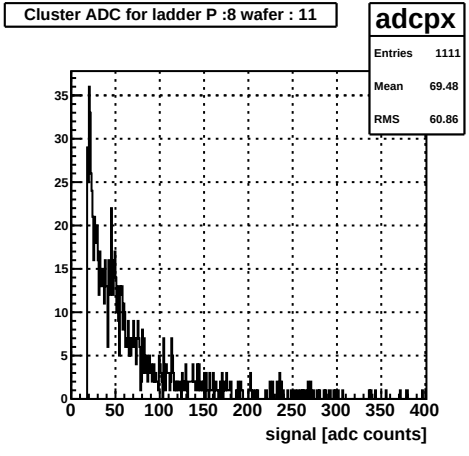

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 3221
Mean 42
RMS 39
signal [adc counts]

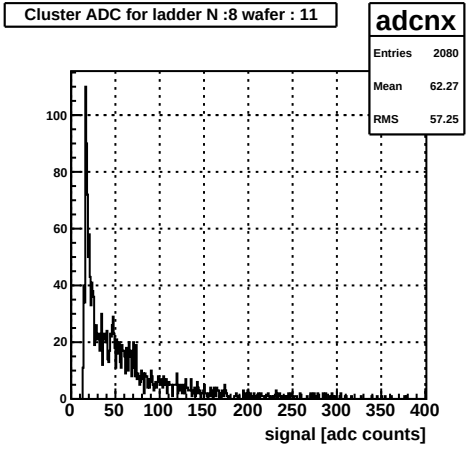

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3106
Mean 49.26
RMS 52.61
signal [adc counts]

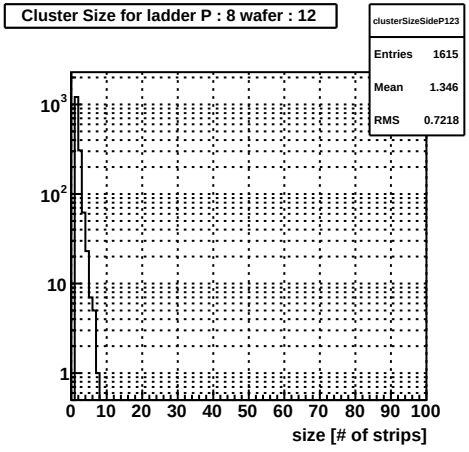

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1111
Mean 1.351
RMS 0.6301
size [# of strips]

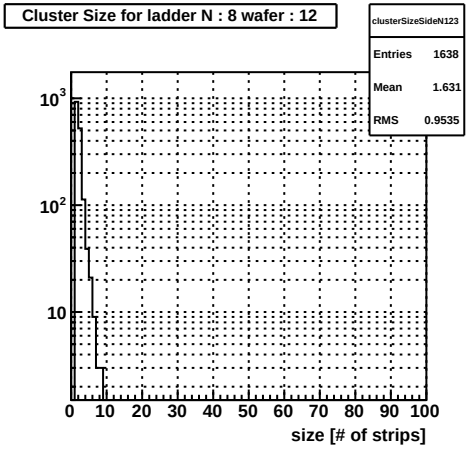

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2080
Mean 1.46
RMS 0.7591
size [# of strips]

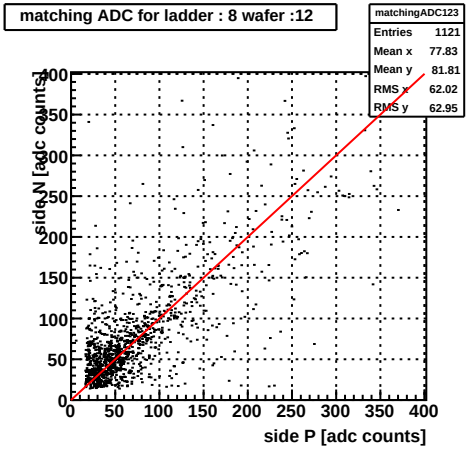

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 804
Mean x 81.74
Mean y 77.65
RMS x 60.97
RMS y 55.23
side N [adc counts]
side P [adc counts]

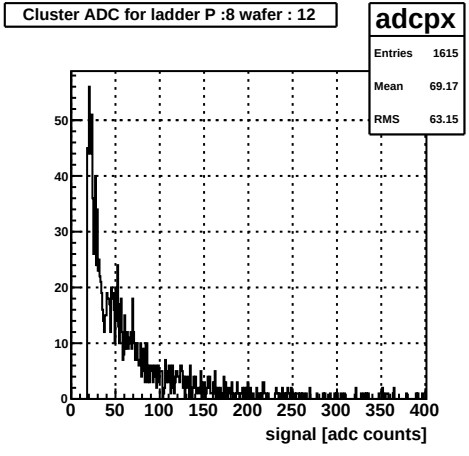

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1111
Mean 69.48
RMS 60.86
signal [adc counts]

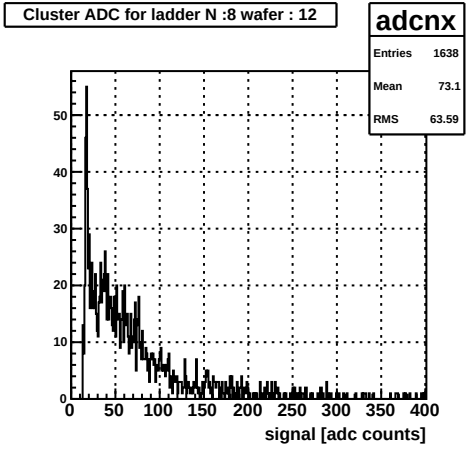

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2080
Mean 62.27
RMS 57.25
signal [adc counts]

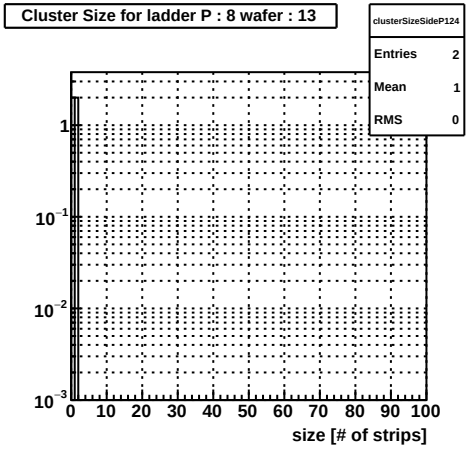

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1615
Mean 1.346
RMS 0.7218
size [# of strips]

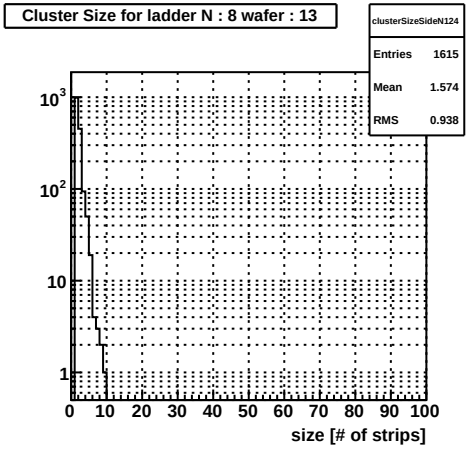

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1638
Mean 1.631
RMS 0.9535
size [# of strips]

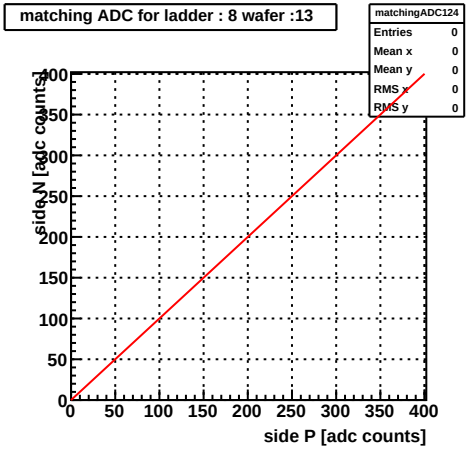

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1121
Mean x 77.83
Mean y 81.81
RMS x 62.02
RMS y 62.95
side N [adc counts]
side P [adc counts]

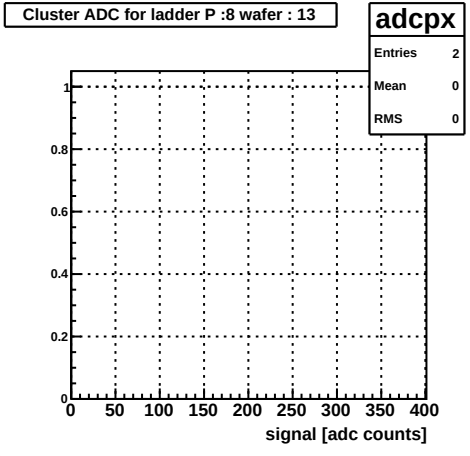

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1615
Mean 69.17
RMS 63.15
signal [adc counts]

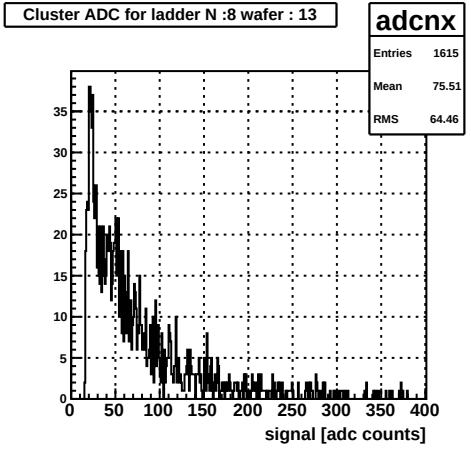

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1638
Mean 73.1
RMS 63.59
signal [adc counts]

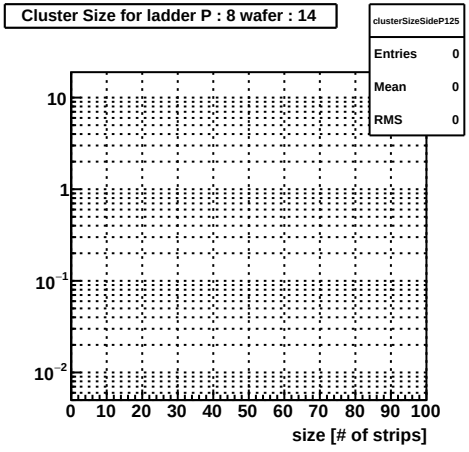

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

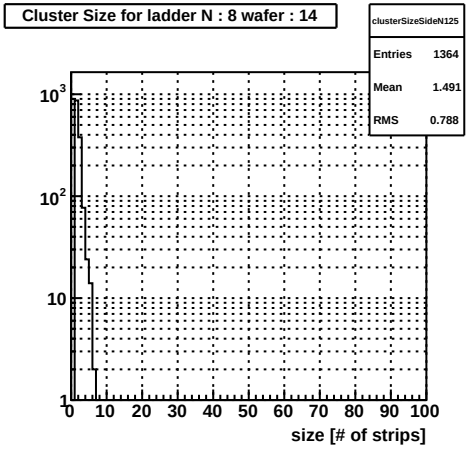

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1615
Mean 1.574
RMS 0.938
size [# of strips]

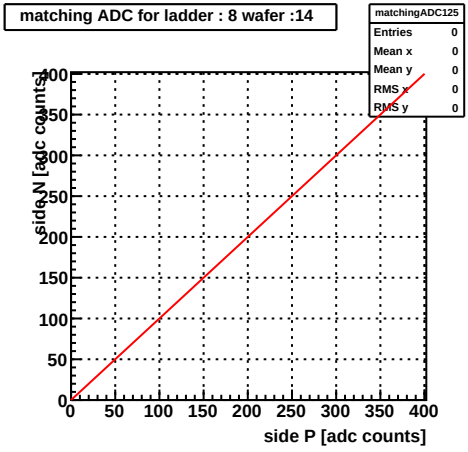

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

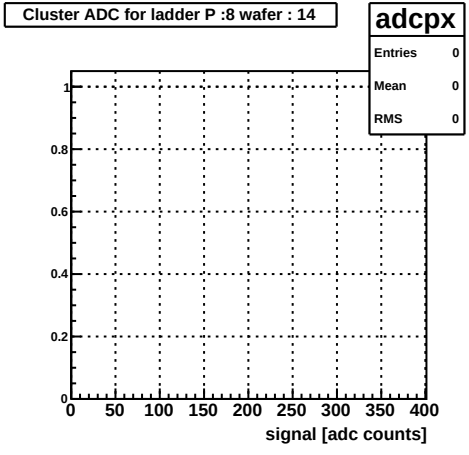

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

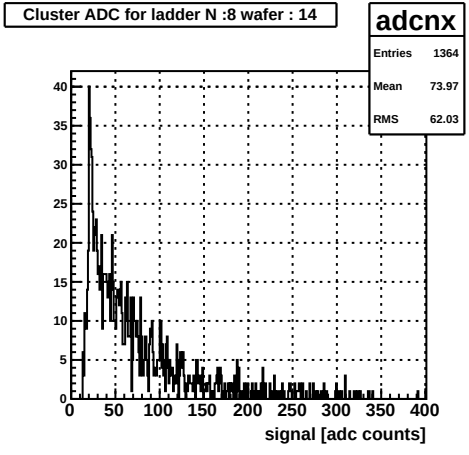

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1615
Mean 75.51
RMS 64.46
signal [adc counts]

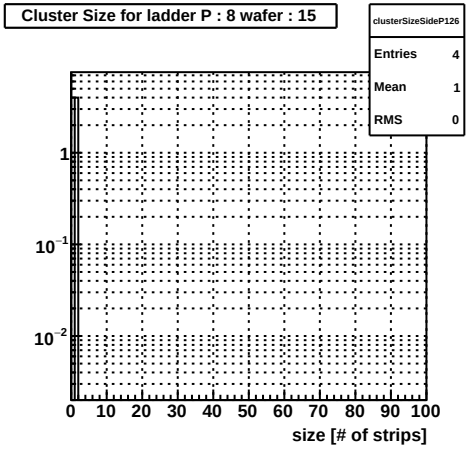

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

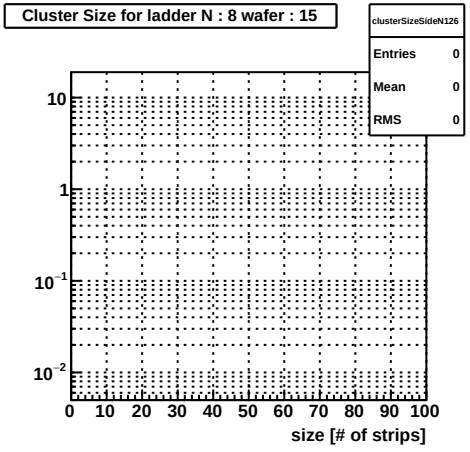

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1364
Mean 1.491
RMS 0.788
size [# of strips]

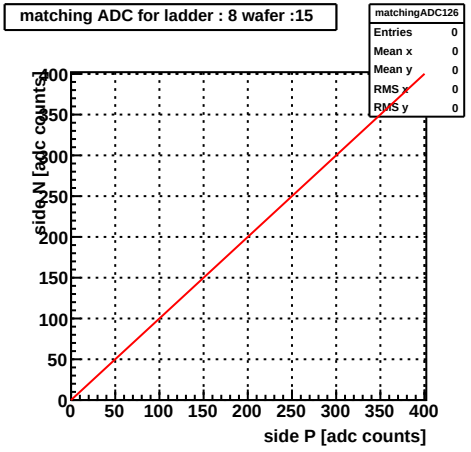

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

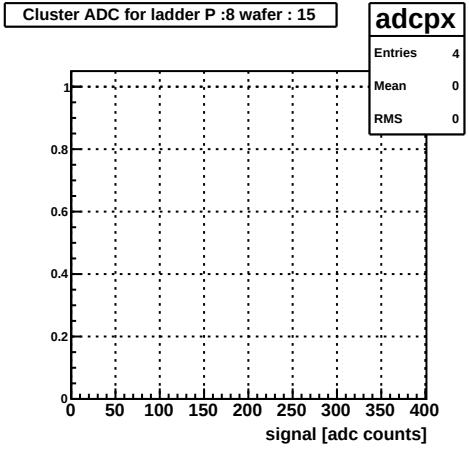

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

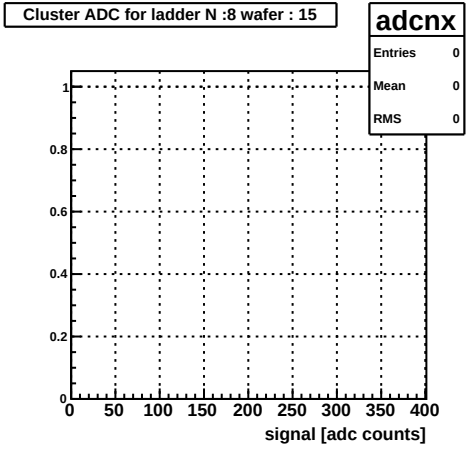

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1364
Mean 73.97
RMS 62.03
signal [adc counts]

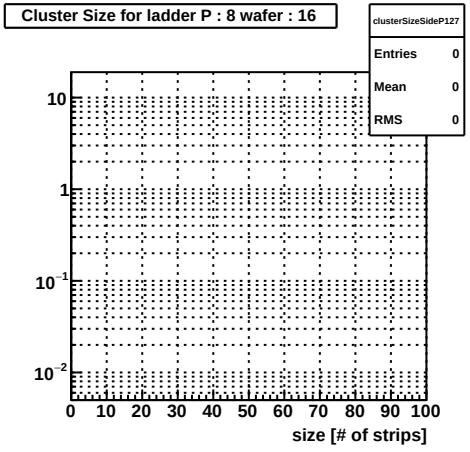

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

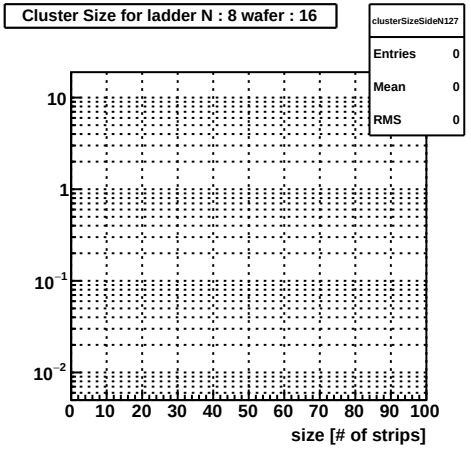

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

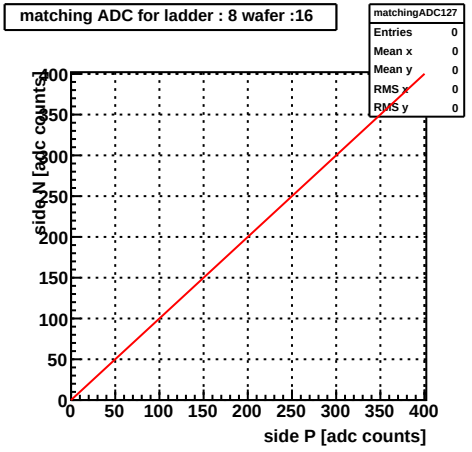

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

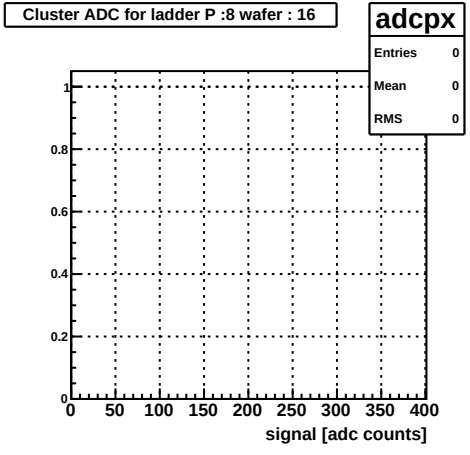

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

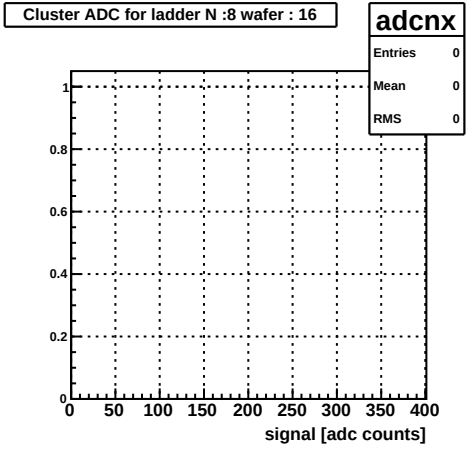

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

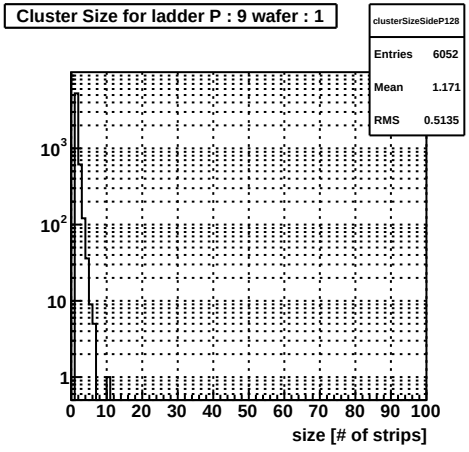

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

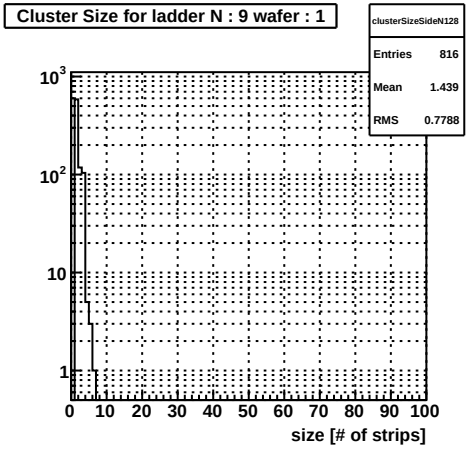

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

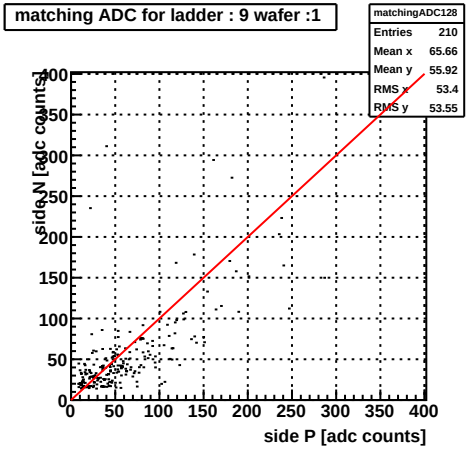

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

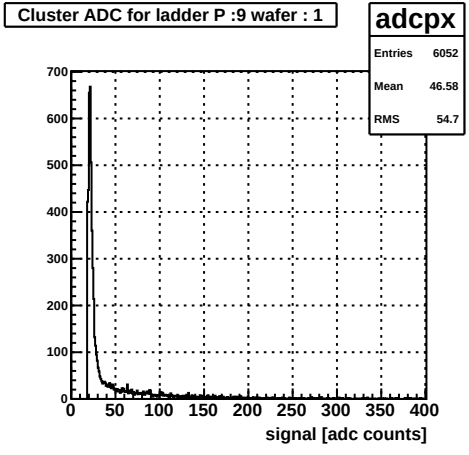

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

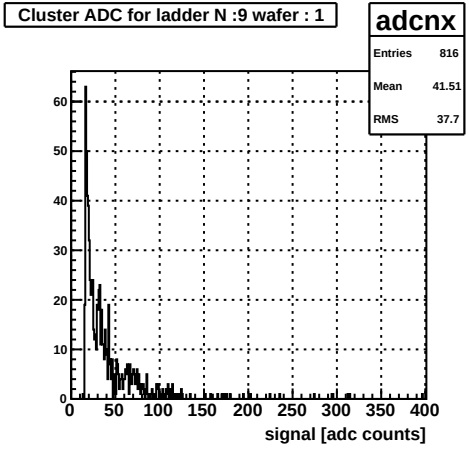

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

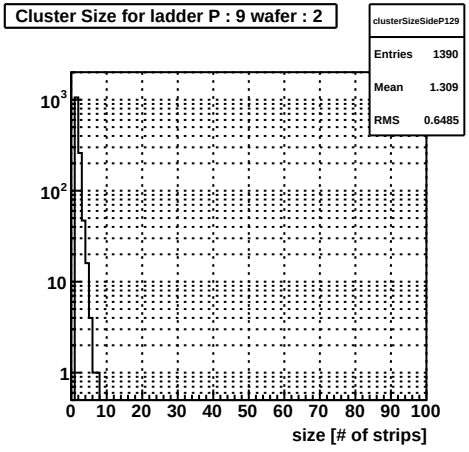

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 6052
Mean 1.171
RMS 0.5135
size [# of strips]

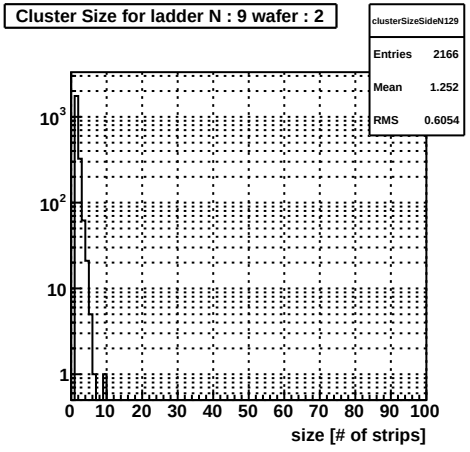

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 816
Mean 1.439
RMS 0.7788
size [# of strips]

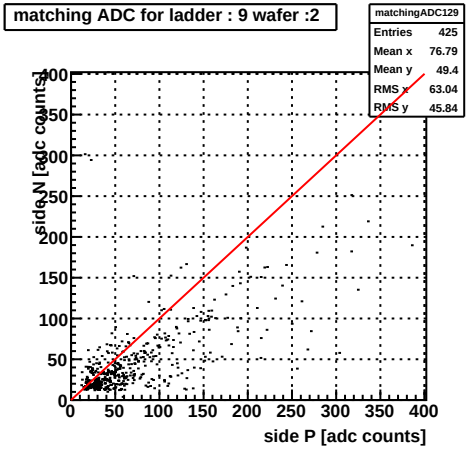

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 210
Mean x 65.66
Mean y 55.92
RMS x 53.4
RMS y 53.55
side N [adc counts]
side P [adc counts]

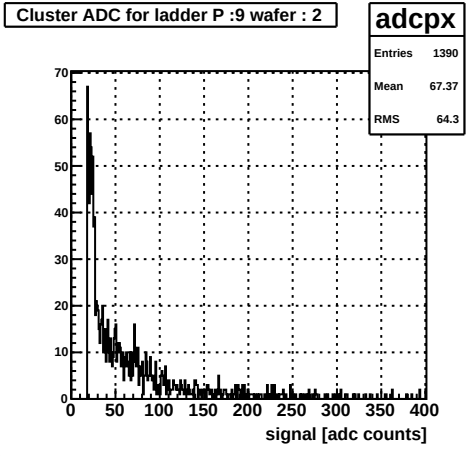

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 6052
Mean 46.58
RMS 54.7
signal [adc counts]

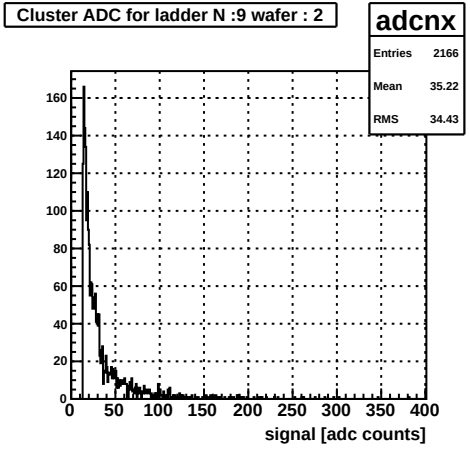

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 816
Mean 41.51
RMS 37.7
signal [adc counts]

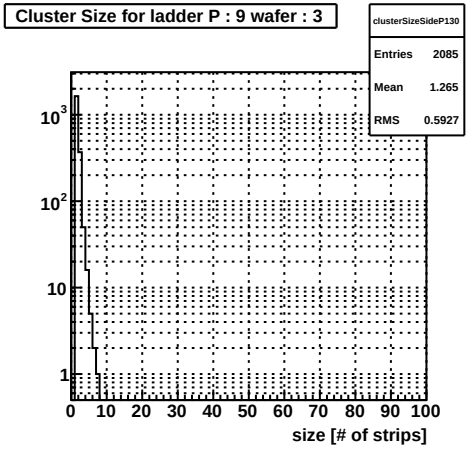

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1390
Mean 1.309
RMS 0.6485
size [# of strips]

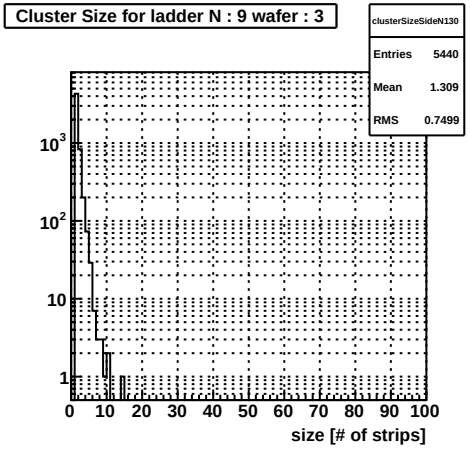

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2166
Mean 1.252
RMS 0.6054
size [# of strips]

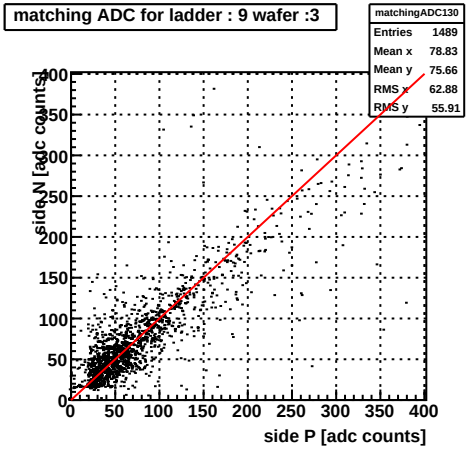

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 425
Mean x 76.79
Mean y 49.4
RMS x 63.04
RMS y 45.84
side N [adc counts]
side P [adc counts]

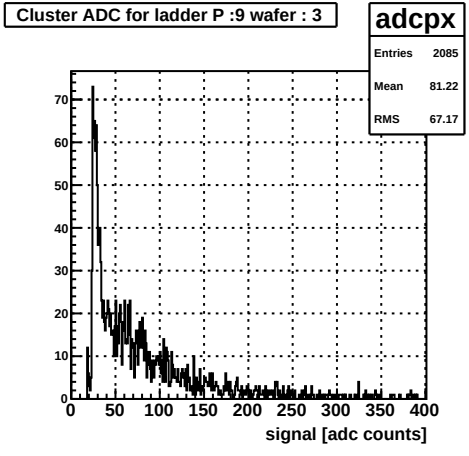

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1390
Mean 67.37
RMS 64.3
signal [adc counts]

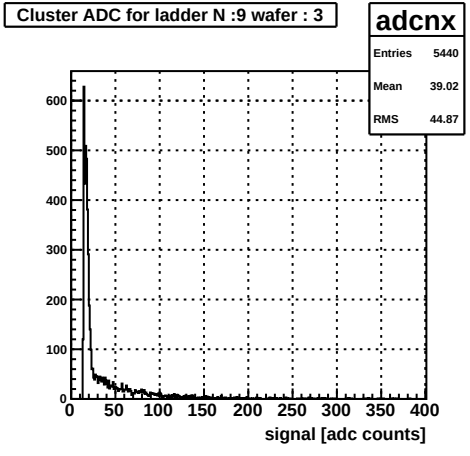

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2166
Mean 35.22
RMS 34.43
signal [adc counts]

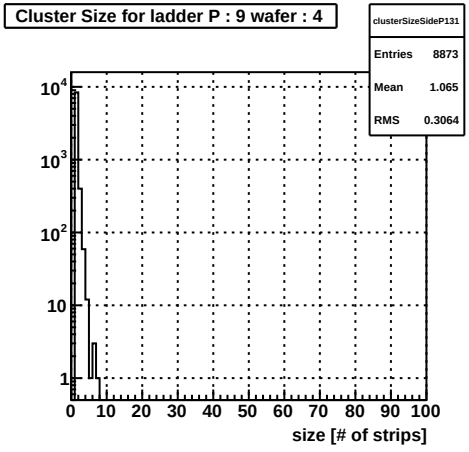

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2085
Mean 1.265
RMS 0.5927
size [# of strips]

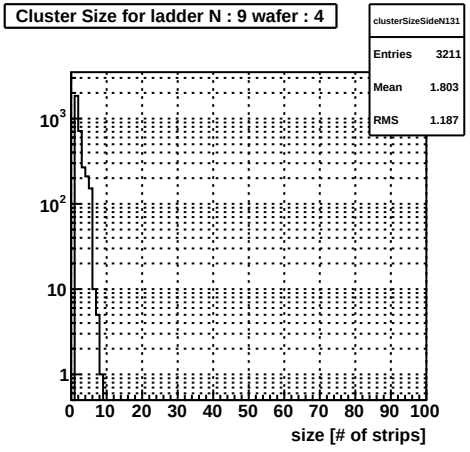

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5440
Mean 1.309
RMS 0.7499
size [# of strips]

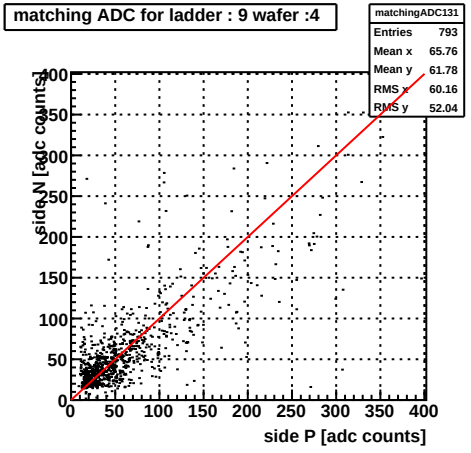

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1489
Mean x 78.83
Mean y 75.66
RMS x 62.88
RMS y 55.91
side N [adc counts]
side P [adc counts]

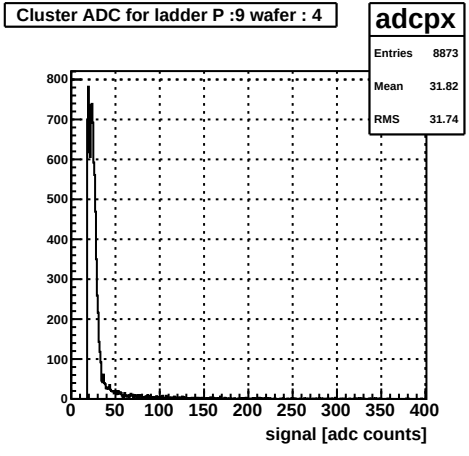

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2085
Mean 81.22
RMS 67.17
signal [adc counts]

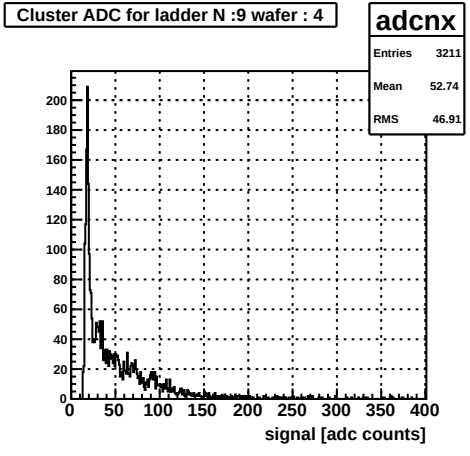

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5440
Mean 39.02
RMS 44.87
signal [adc counts]

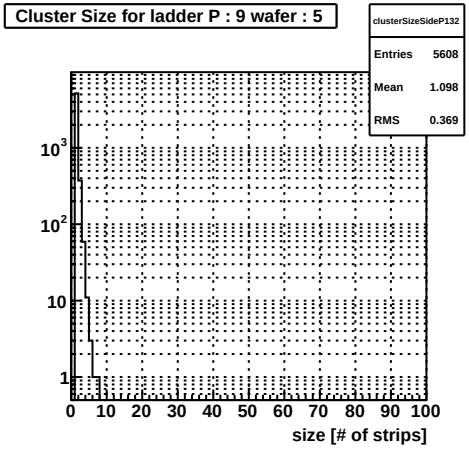

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8873
Mean 1.065
RMS 0.3064
size [# of strips]

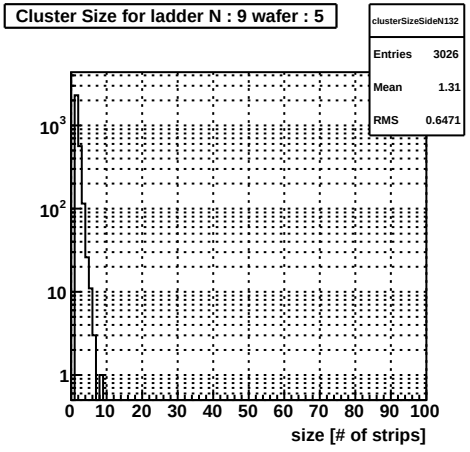

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3211
Mean 1.803
RMS 1.187
size [# of strips]

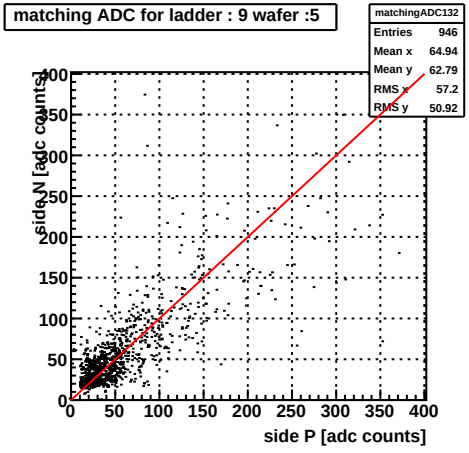

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 793
Mean x 65.76
Mean y 61.78
RMS x 60.16
RMS y 52.04
side N [adc counts]
side P [adc counts]

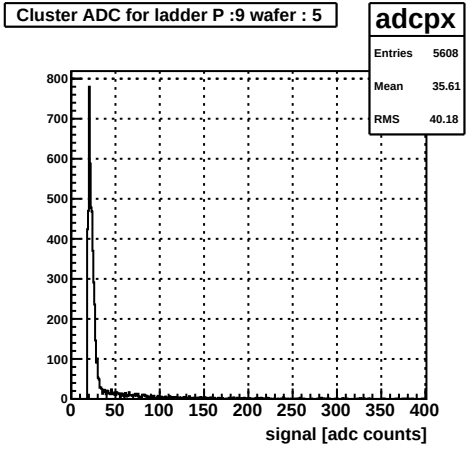

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8873
Mean 31.82
RMS 31.74
signal [adc counts]

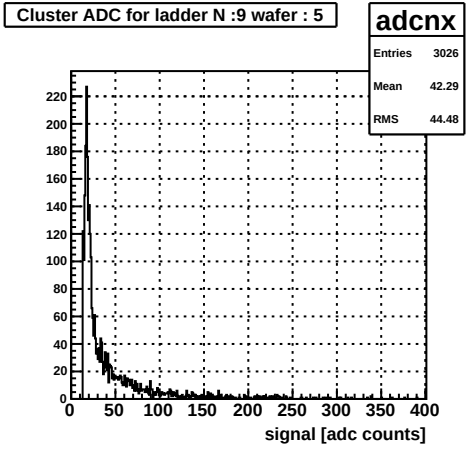

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3211
Mean 52.74
RMS 46.91
signal [adc counts]

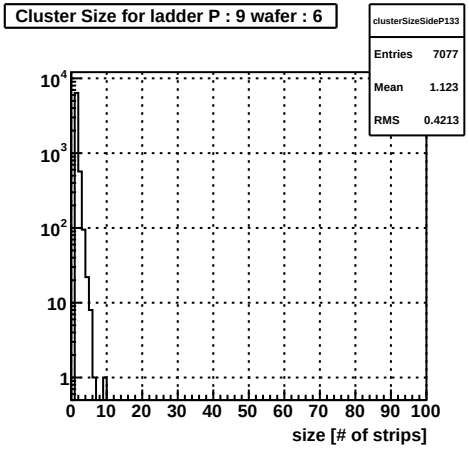

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 5608
Mean 1.098
RMS 0.369
size [# of strips]

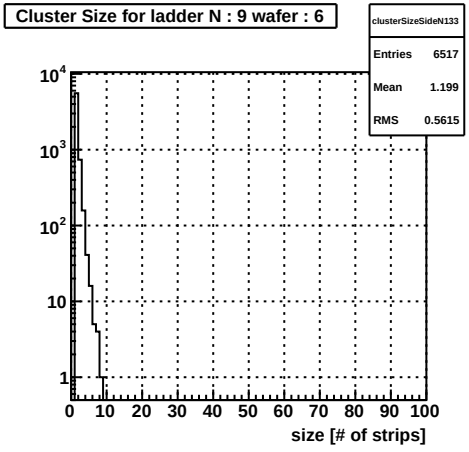

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3026
Mean 1.31
RMS 0.6471
size [# of strips]

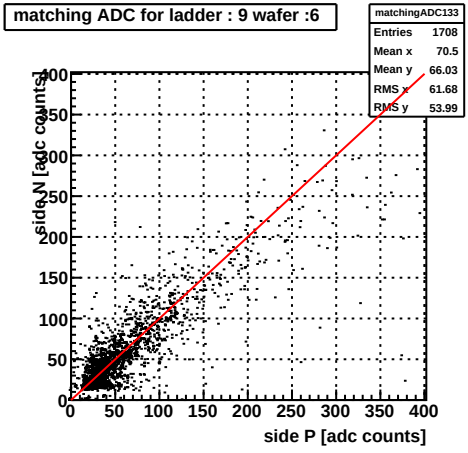

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 946
Mean x 64.94
Mean y 62.79
RMS x 57.2
RMS y 50.92
side N [adc counts]
side P [adc counts]

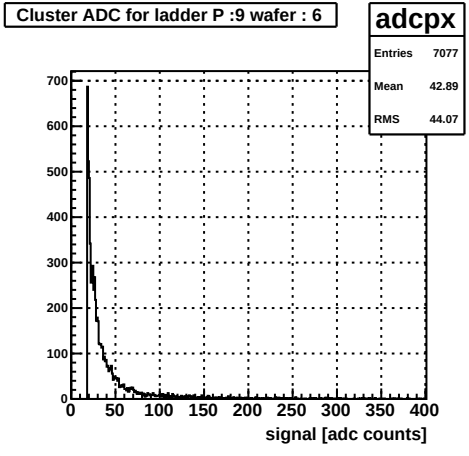

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 5608
Mean 35.61
RMS 40.18
signal [adc counts]

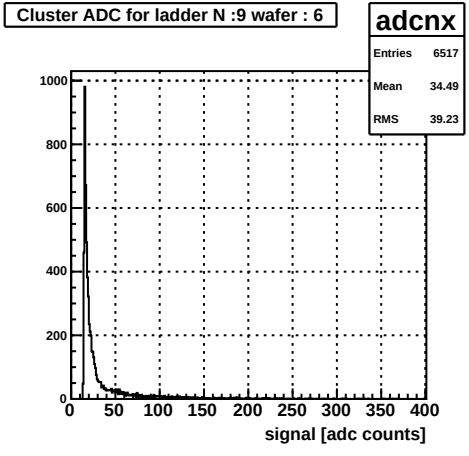

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3026
Mean 42.29
RMS 44.48
signal [adc counts]

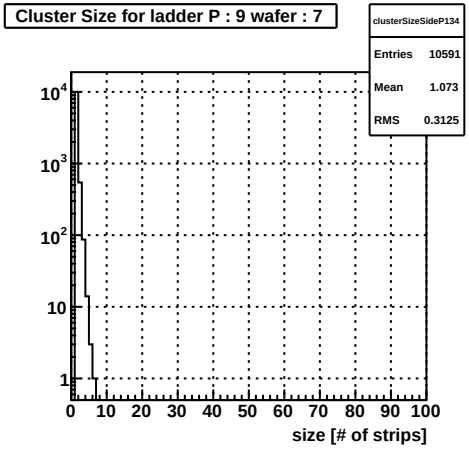

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 7077
Mean 1.123
RMS 0.4213
size [# of strips]

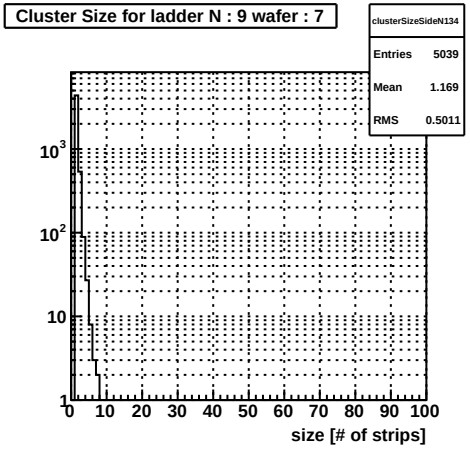

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 6517
Mean 1.199
RMS 0.5615
size [# of strips]

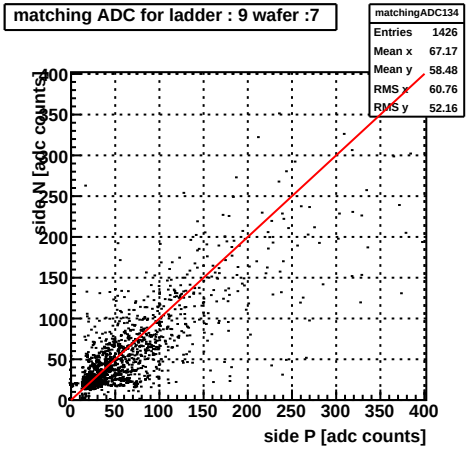

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1708
Mean x 70.5
Mean y 66.03
RMS x 61.68
RMS y 53.99
side N [adc counts]
side P [adc counts]

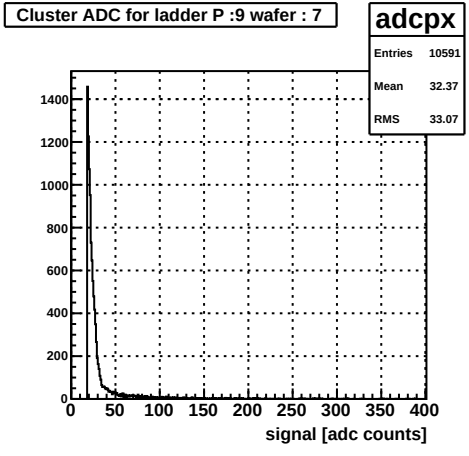

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 7077
Mean 42.89
RMS 44.07
signal [adc counts]

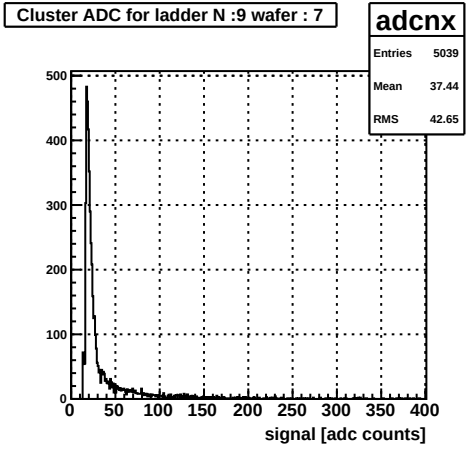

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 6517
Mean 34.49
RMS 39.23
signal [adc counts]

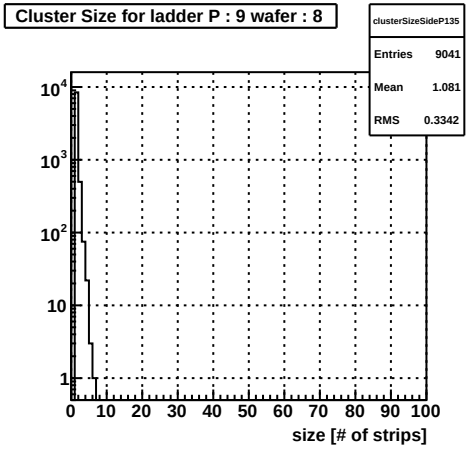

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 10591
Mean 1.073
RMS 0.3125
size [# of strips]

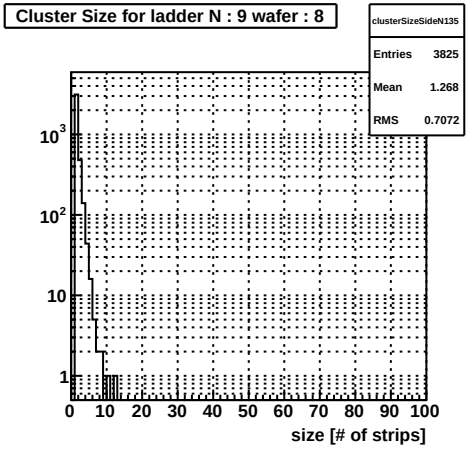

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 5039
Mean 1.169
RMS 0.5011
size [# of strips]

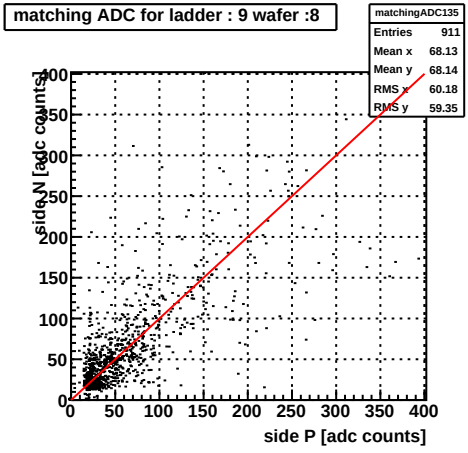

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1426
Mean x 67.17
Mean y 58.48
RMS x 60.76
RMS y 52.16
side N [adc counts]
side P [adc counts]

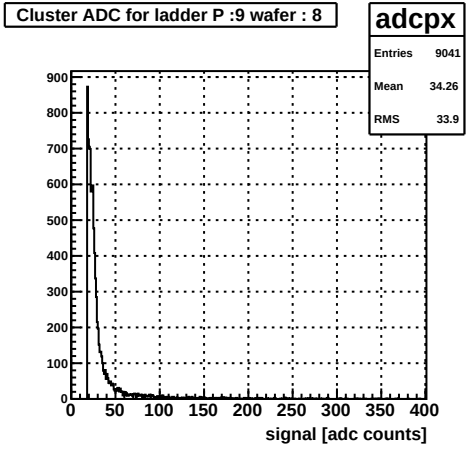

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 10591
Mean 32.37
RMS 33.07
signal [adc counts]

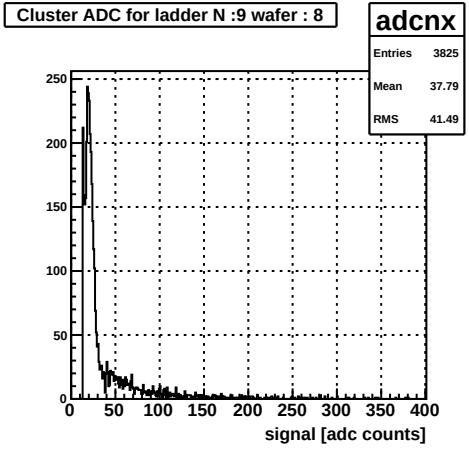

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 5039
Mean 37.44
RMS 42.65
signal [adc counts]

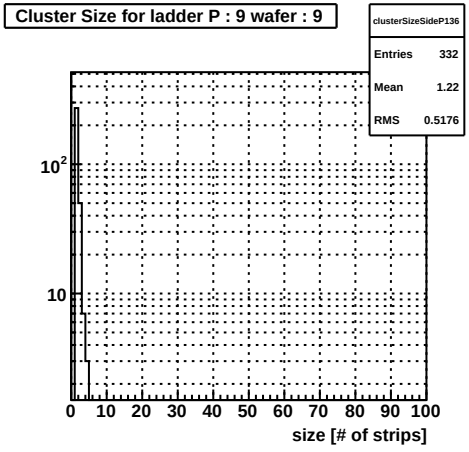

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 9041
Mean 1.081
RMS 0.3342
size [# of strips]

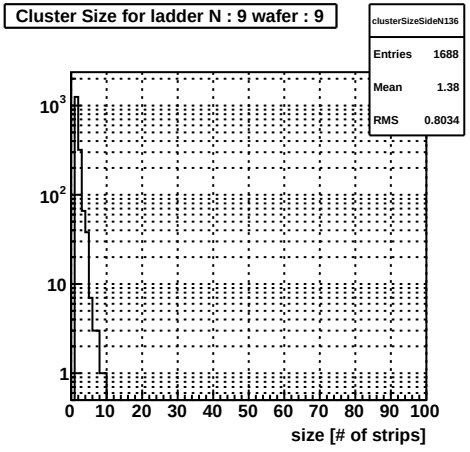

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 3825
Mean 1.268
RMS 0.7072
size [# of strips]

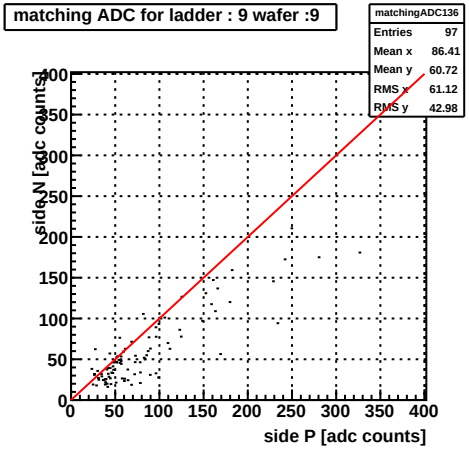

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 911
Mean x 68.13
Mean y 68.14
RMS x 60.18
RMS y 59.35
side N [adc counts]
side P [adc counts]

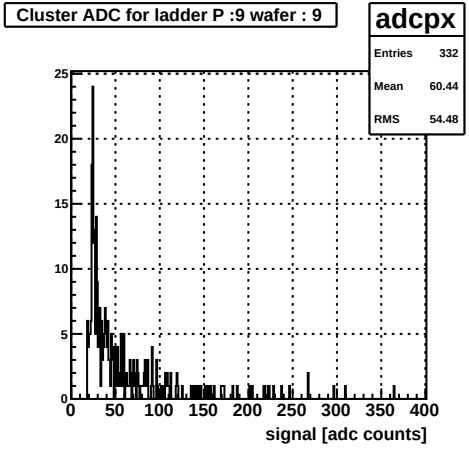

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 9041
Mean 34.26
RMS 33.9
signal [adc counts]

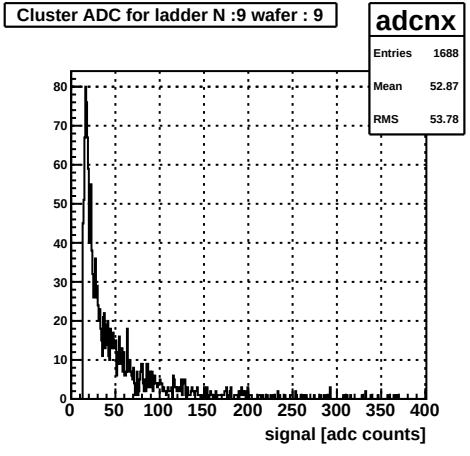

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 3825
Mean 37.79
RMS 41.49
signal [adc counts]

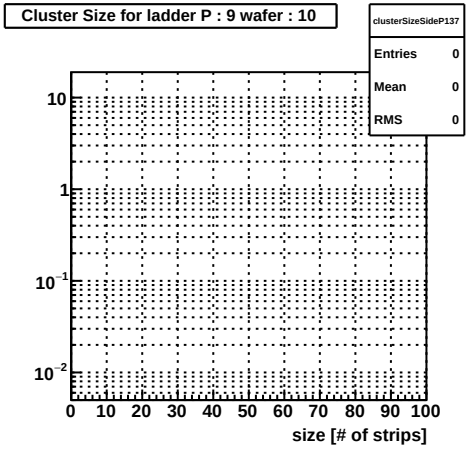

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 332
Mean 1.22
RMS 0.5176
size [# of strips]

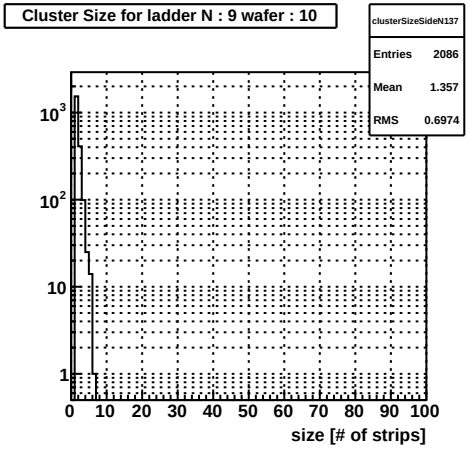

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1688
Mean 1.38
RMS 0.8034
size [# of strips]

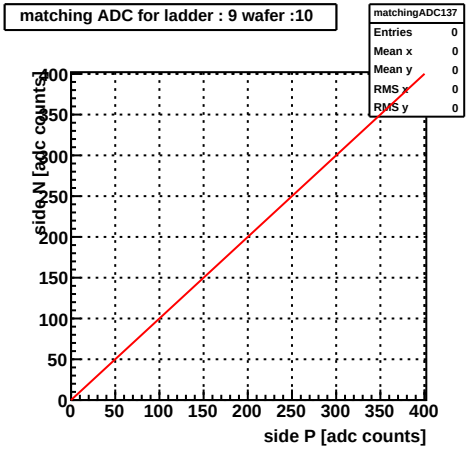

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 97
Mean x 86.41
Mean y 60.72
RMS x 61.12
RMS y 42.98
side N [adc counts]
side P [adc counts]

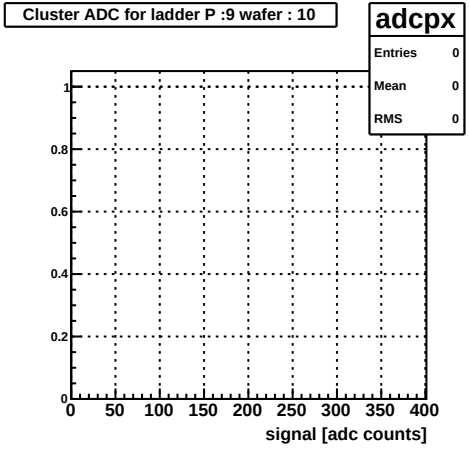

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 332
Mean 60.44
RMS 54.48
signal [adc counts]

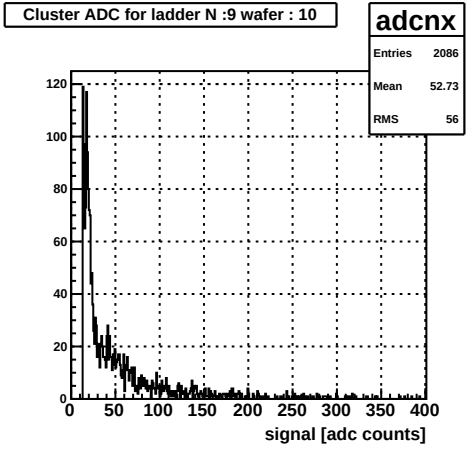

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1688
Mean 52.87
RMS 53.78
signal [adc counts]

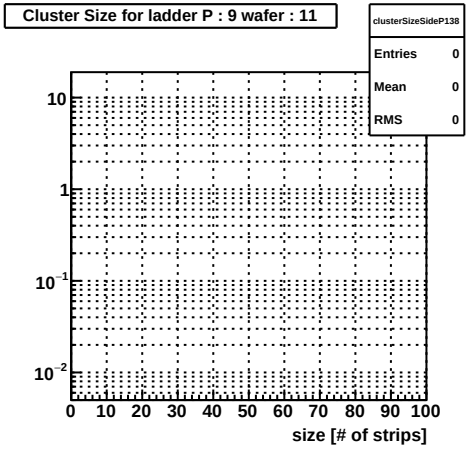

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

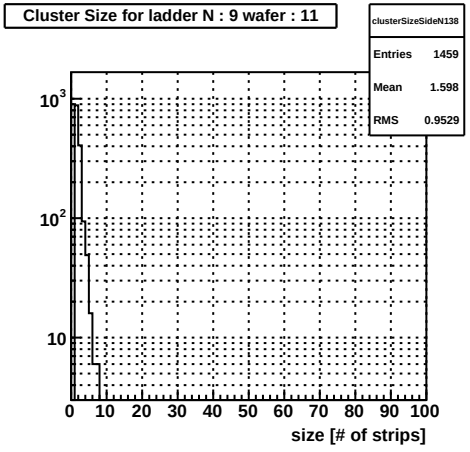

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2086
Mean 1.357
RMS 0.6974
size [# of strips]

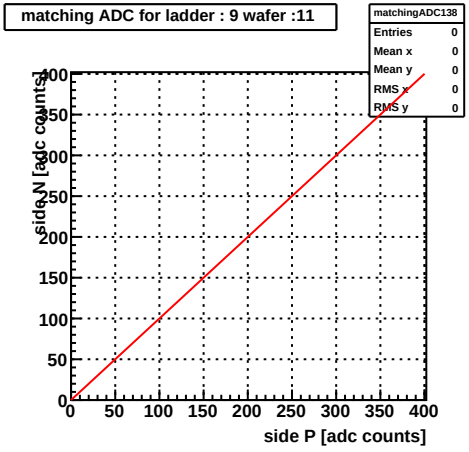

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

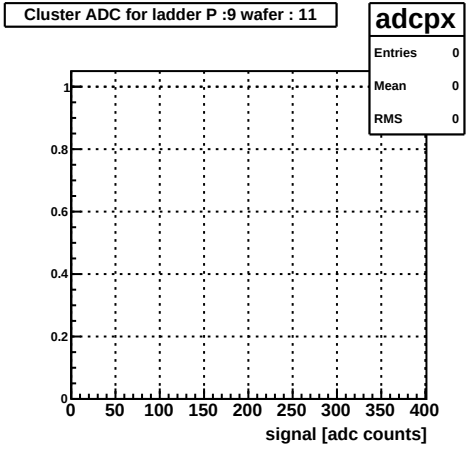

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

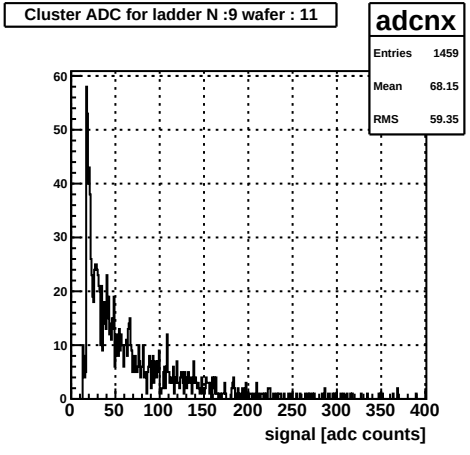

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2086
Mean 52.73
RMS 56
signal [adc counts]

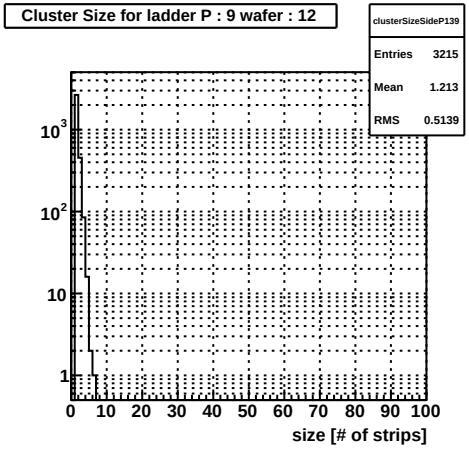

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

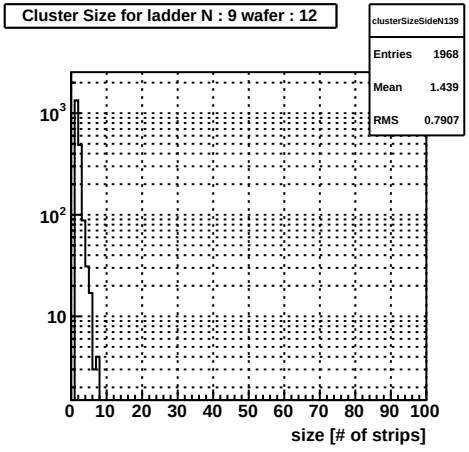

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1459
Mean 1.598
RMS 0.9529
size [# of strips]

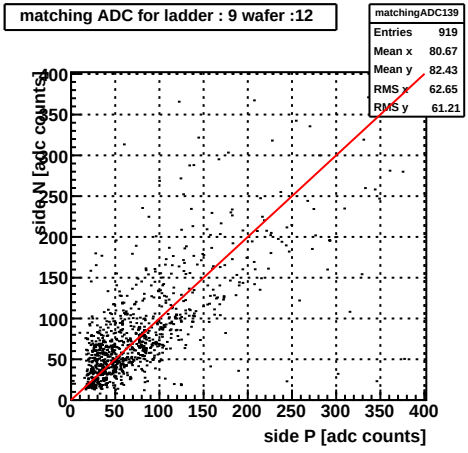

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

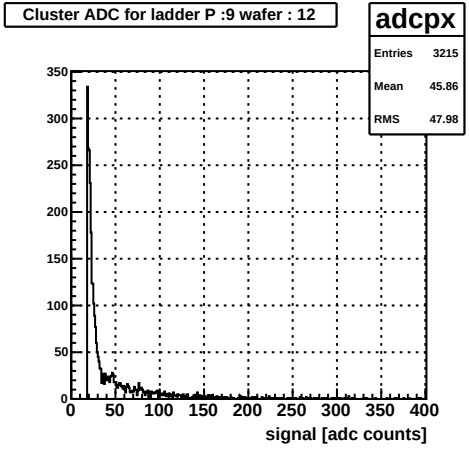

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

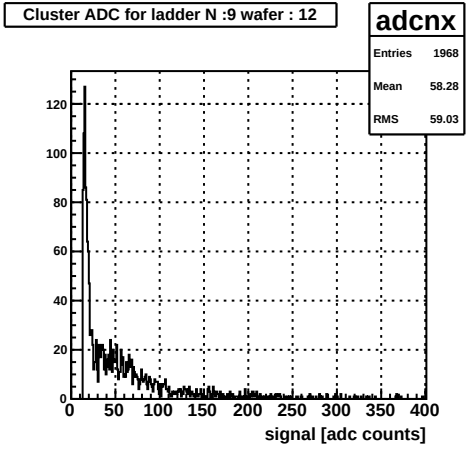

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1459
Mean 68.15
RMS 59.35
signal [adc counts]

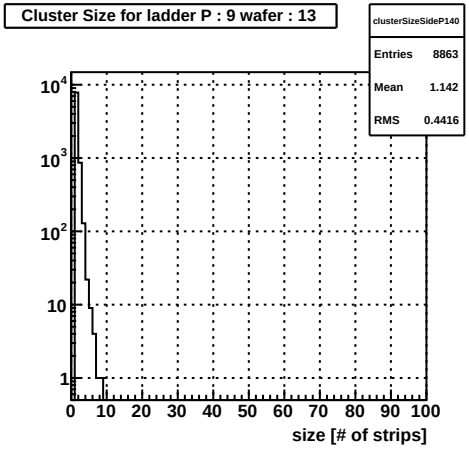

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 3215
Mean 1.213
RMS 0.5139
size [# of strips]

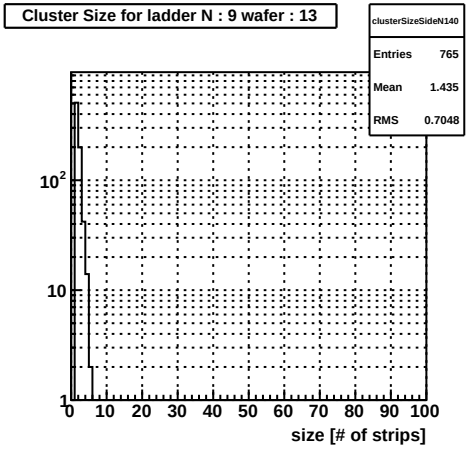

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1968
Mean 1.439
RMS 0.7907
size [# of strips]

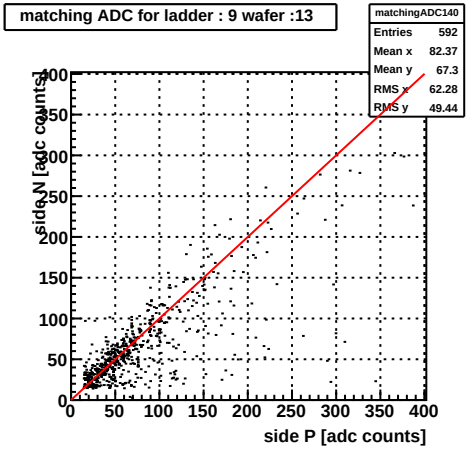

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 919
Mean x 80.67
Mean y 82.43
RMS x 62.65
RMS y 61.21
side N [adc counts]
side P [adc counts]

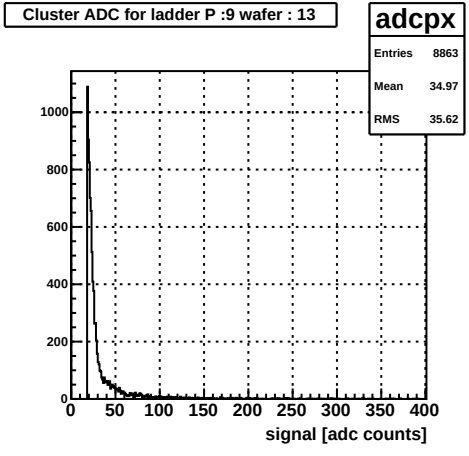

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 3215
Mean 45.86
RMS 47.98
signal [adc counts]

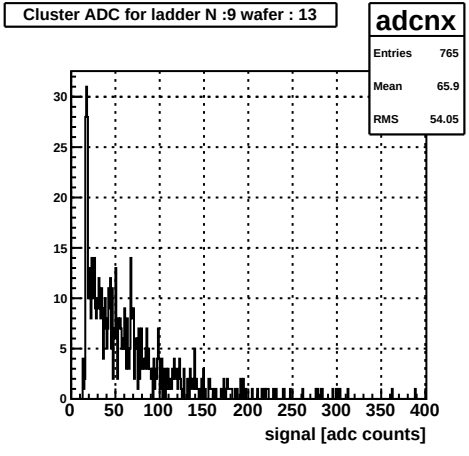

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1968
Mean 58.28
RMS 59.03
signal [adc counts]

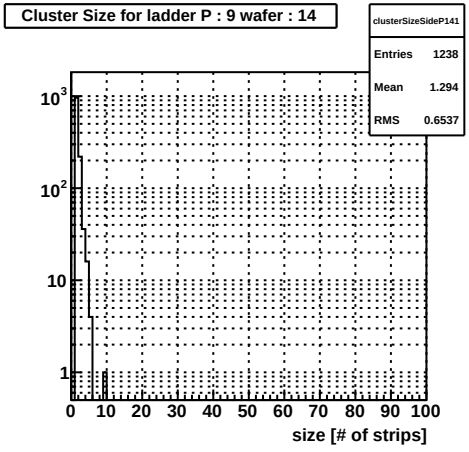

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 8863
Mean 1.142
RMS 0.4416
size [# of strips]

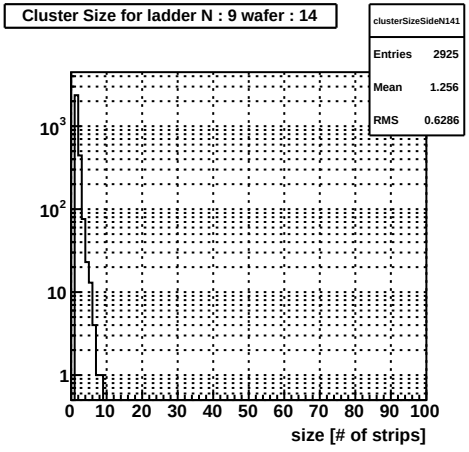

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 765
Mean 1.435
RMS 0.7048
size [# of strips]

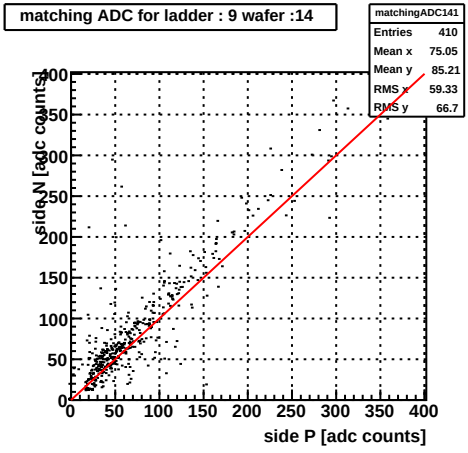

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 592
Mean x 82.37
Mean y 67.3
RMS x 62.28
RMS y 49.44
side N [adc counts]
side P [adc counts]

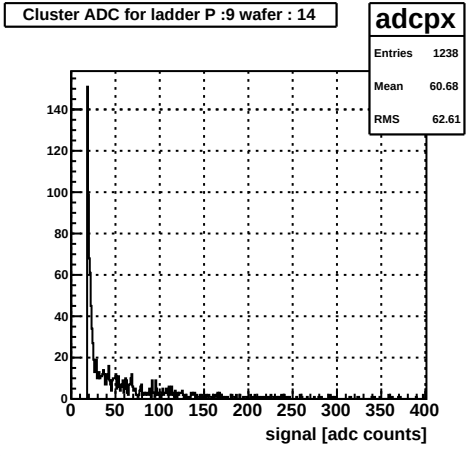

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 8863
Mean 34.97
RMS 35.62
signal [adc counts]

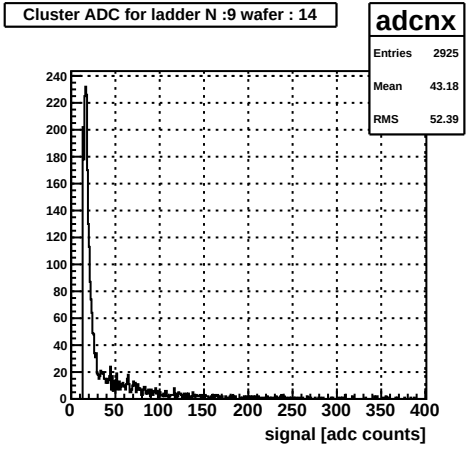

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 765
Mean 65.9
RMS 54.05
signal [adc counts]

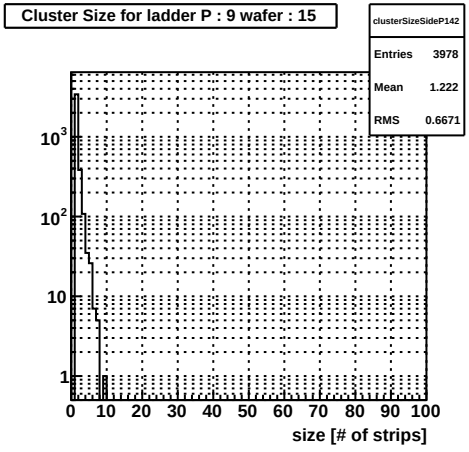

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1238
Mean 1.294
RMS 0.6537
size [# of strips]

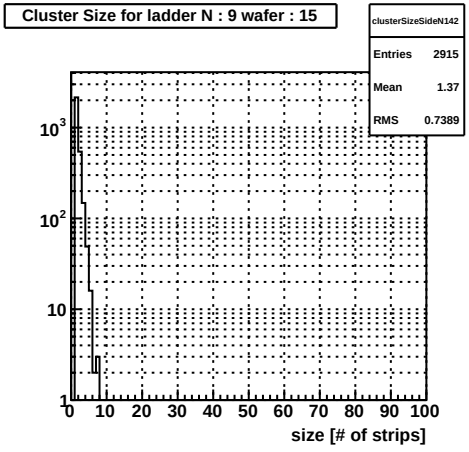

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2925
Mean 1.256
RMS 0.6286
size [# of strips]

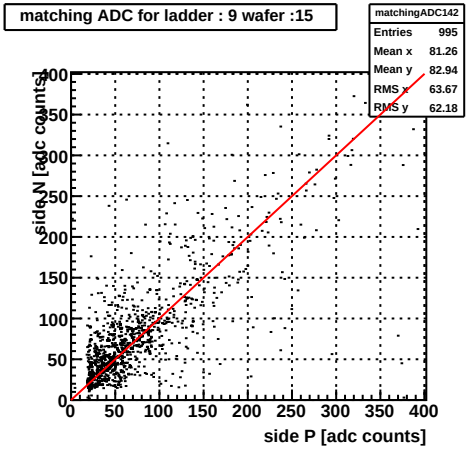

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 410
Mean x 75.05
Mean y 85.21
RMS x 59.33
RMS y 66.7
side N [adc counts]
side P [adc counts]

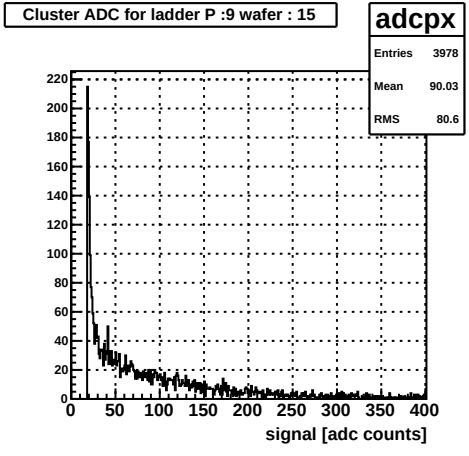

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1238
Mean 60.68
RMS 62.61
signal [adc counts]

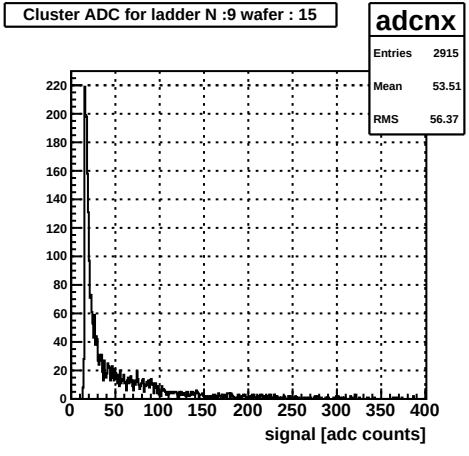

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2925
Mean 43.18
RMS 52.39
signal [adc counts]

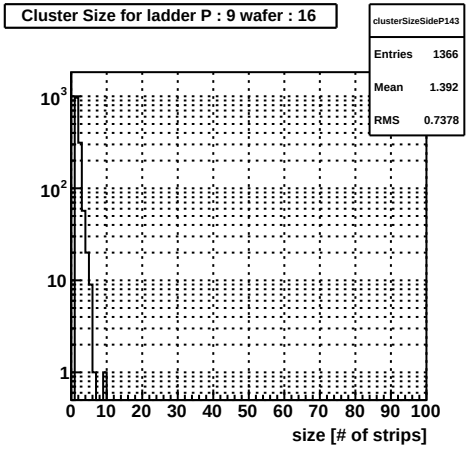

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3978
Mean 1.222
RMS 0.6671
size [# of strips]

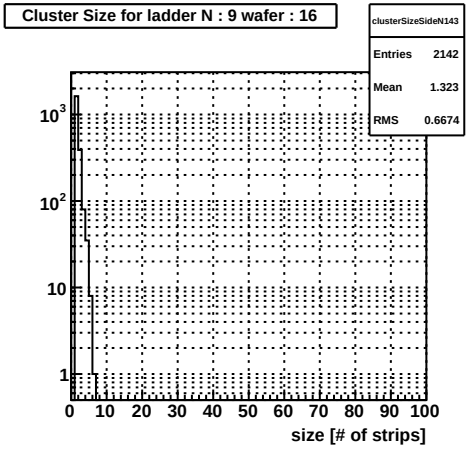

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2915
Mean 1.37
RMS 0.7389
size [# of strips]

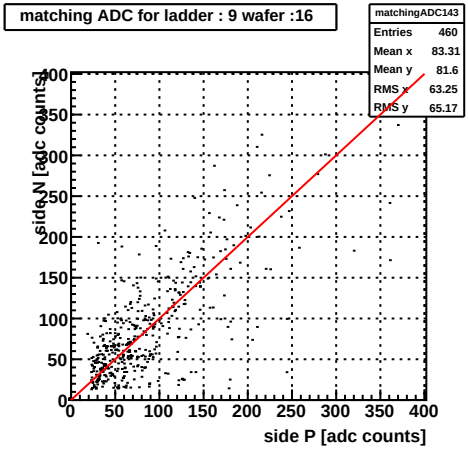

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 995
Mean x 81.26
Mean y 82.94
RMS x 63.67
RMS y 62.18
side N [adc counts]
side P [adc counts]

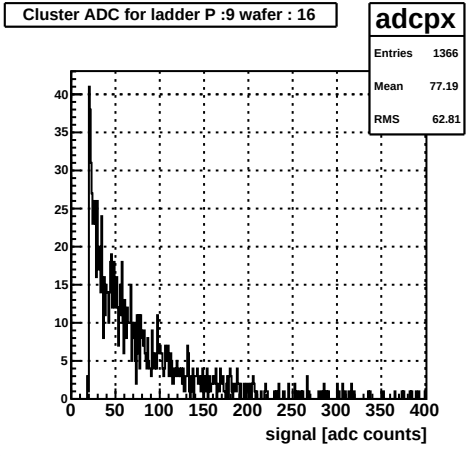

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3978
Mean 90.03
RMS 80.6
signal [adc counts]

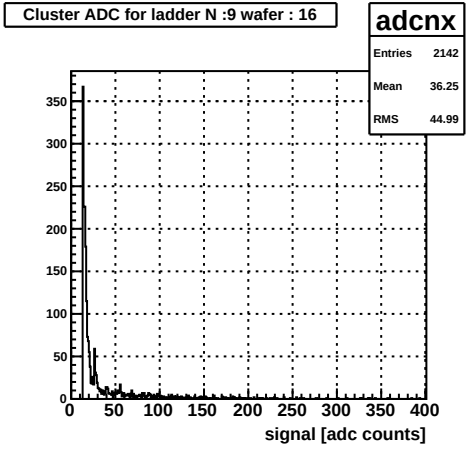

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2915
Mean 53.51
RMS 56.37
signal [adc counts]

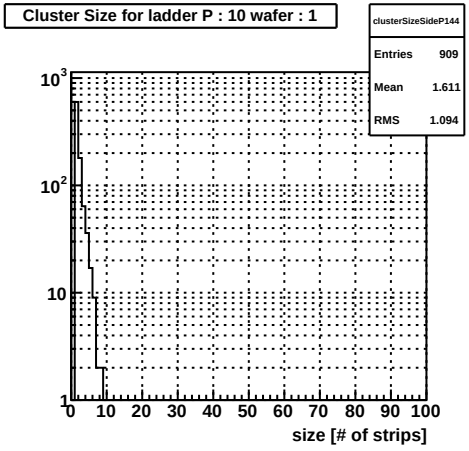

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1366
Mean 1.392
RMS 0.7378
size [# of strips]

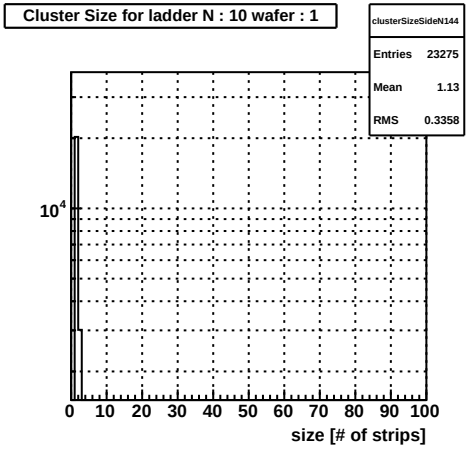

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2142
Mean 1.323
RMS 0.6674
size [# of strips]

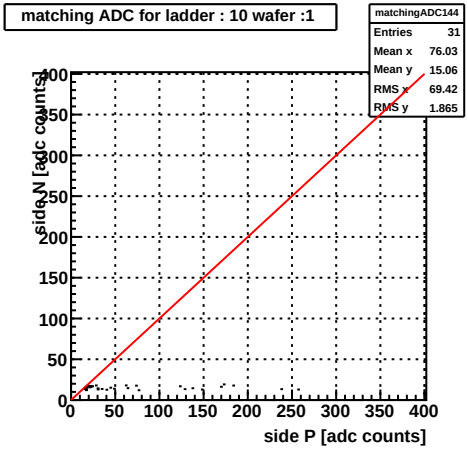

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 460
Mean x 83.31
Mean y 81.6
RMS x 63.25
RMS y 65.17
side N [adc counts]
side P [adc counts]

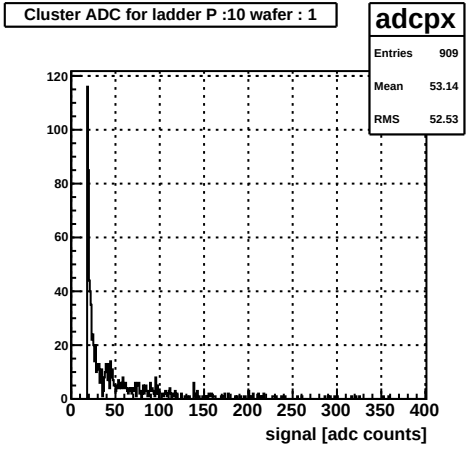

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1366
Mean 77.19
RMS 62.81
signal [adc counts]

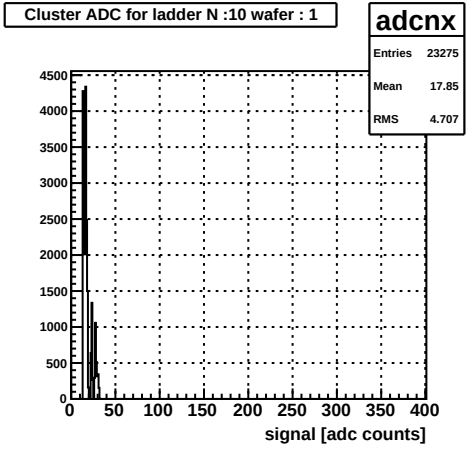

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2142
Mean 36.25
RMS 44.99
signal [adc counts]

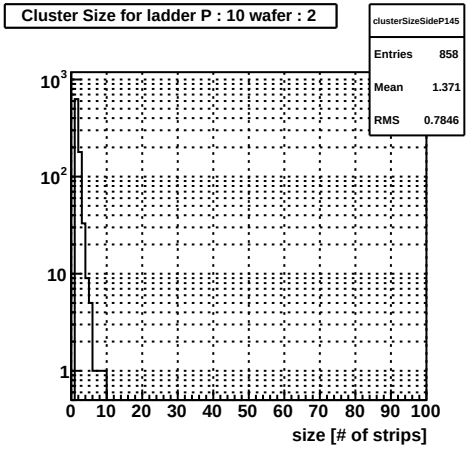

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 909
Mean 1.611
RMS 1.094
size [# of strips]

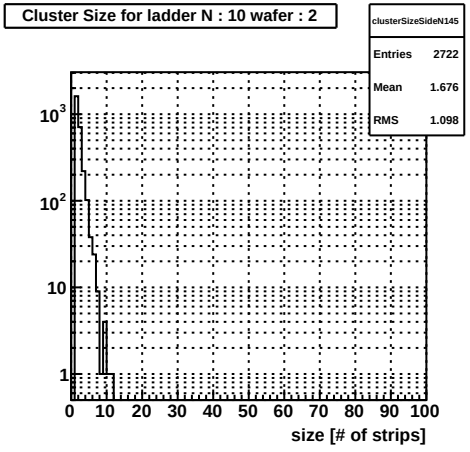

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 23275
Mean 1.13
RMS 0.3358
size [# of strips]

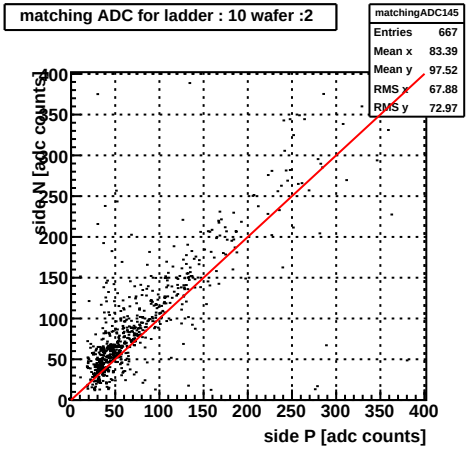

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 31
Mean x 76.03
Mean y 15.06
RMS x 69.42
RMS y 1.865
side N [adc counts]
side P [adc counts]

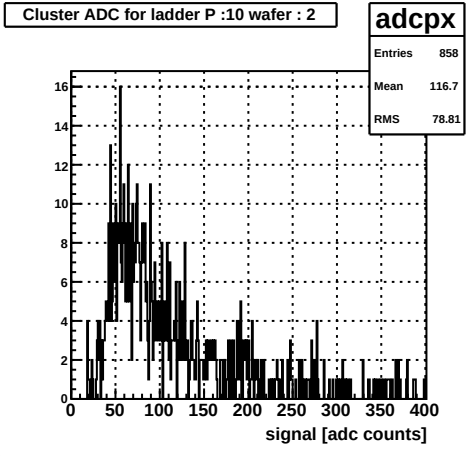

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 909
Mean 53.14
RMS 52.53
signal [adc counts]

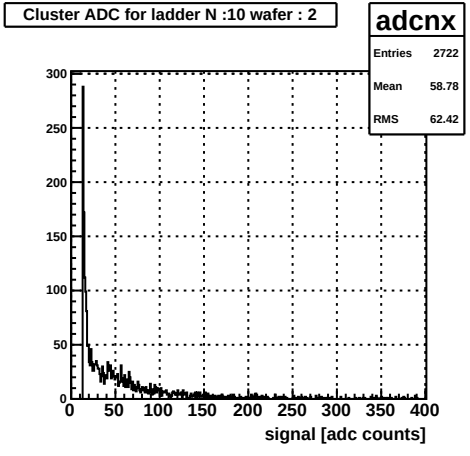

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 23275
Mean 17.85
RMS 4.707
signal [adc counts]

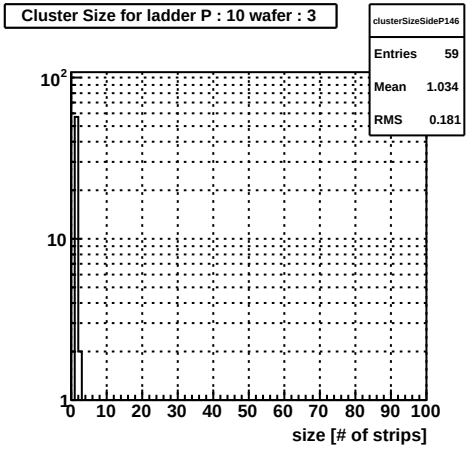

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 858
Mean 1.371
RMS 0.7846
size [# of strips]

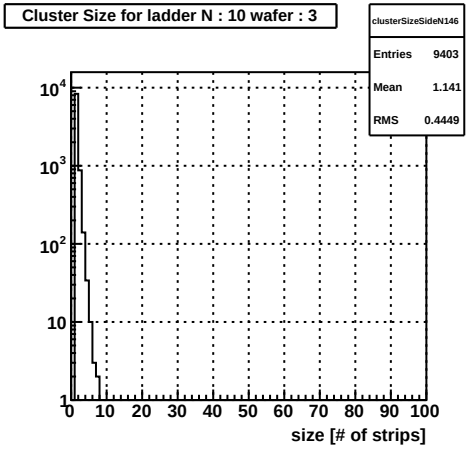

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2722
Mean 1.676
RMS 1.098
size [# of strips]

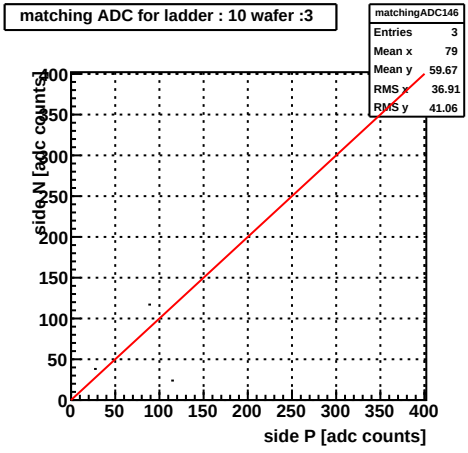

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 667
Mean x 83.39
Mean y 97.52
RMS x 67.88
RMS y 72.97
side N [adc counts]
side P [adc counts]

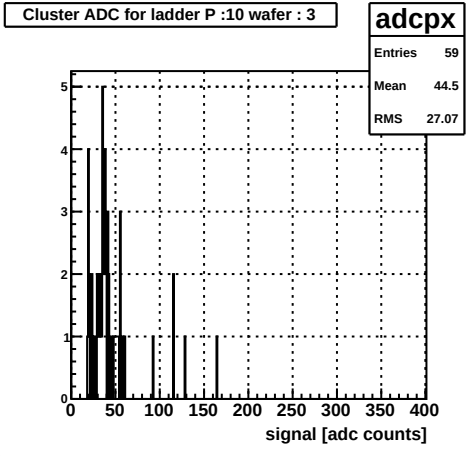

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 858
Mean 116.7
RMS 78.81
signal [adc counts]

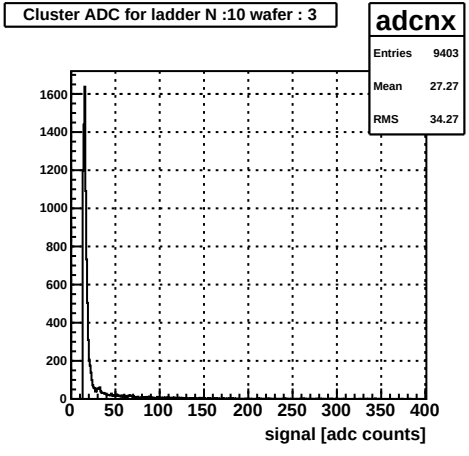

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2722
Mean 58.78
RMS 62.42
signal [adc counts]

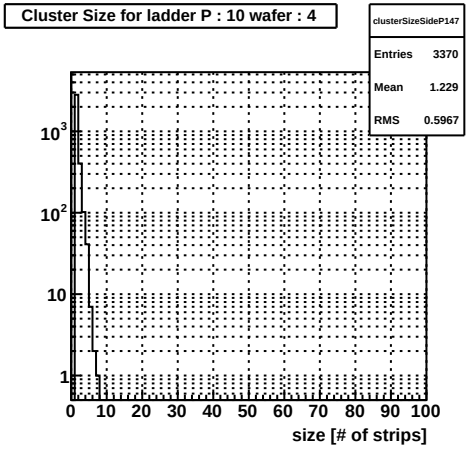

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 59
Mean 1.034
RMS 0.181
size [# of strips]

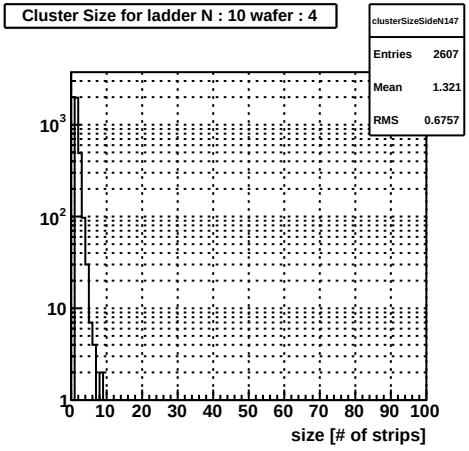

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 9403
Mean 1.141
RMS 0.4449
size [# of strips]

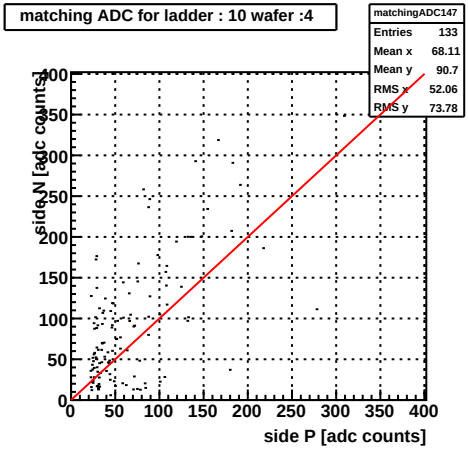

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 79
Mean y 59.67
RMS x 36.91
RMS y 41.06
side N [adc counts]
side P [adc counts]

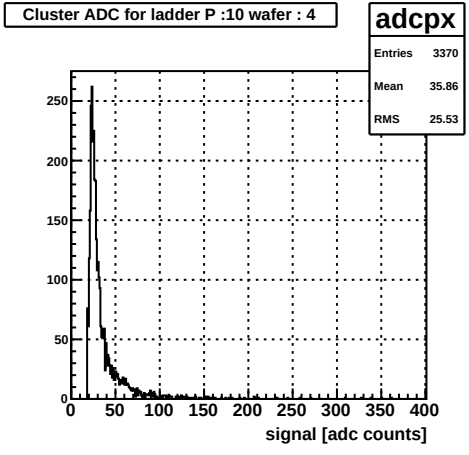

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 59
Mean 44.5
RMS 27.07
signal [adc counts]

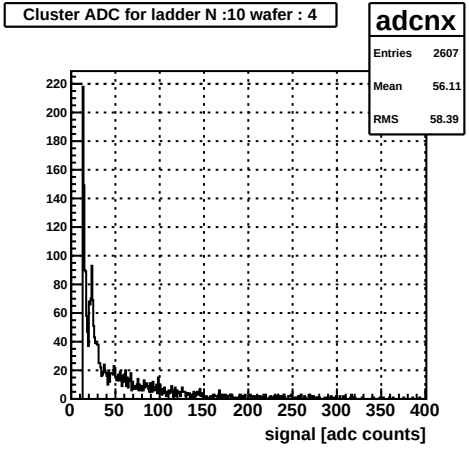

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 9403
Mean 27.27
RMS 34.27
signal [adc counts]

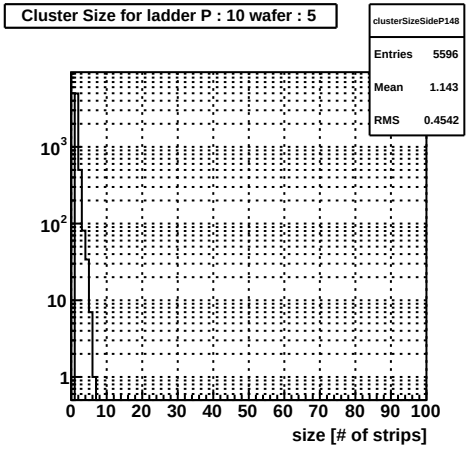

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3370
Mean 1.229
RMS 0.5967
size [# of strips]

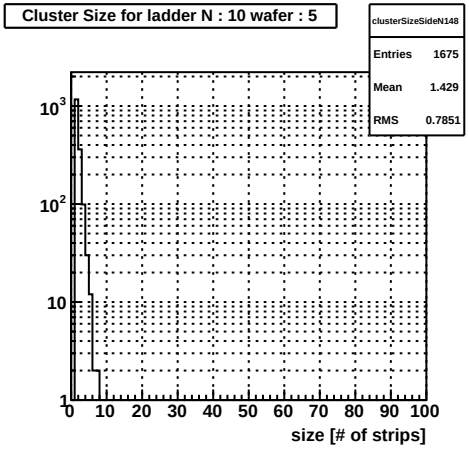

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2607
Mean 1.321
RMS 0.6757
size [# of strips]

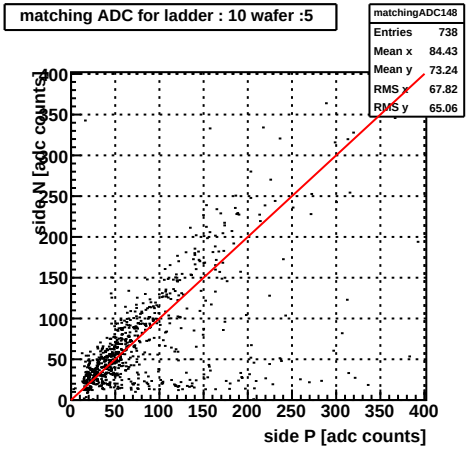

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 133
Mean x 68.11
Mean y 90.7
RMS x 52.06
RMS y 73.78
side N [adc counts]
side P [adc counts]

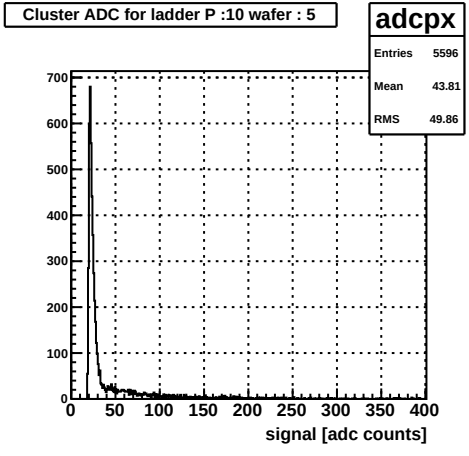

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3370
Mean 35.86
RMS 25.53
signal [adc counts]

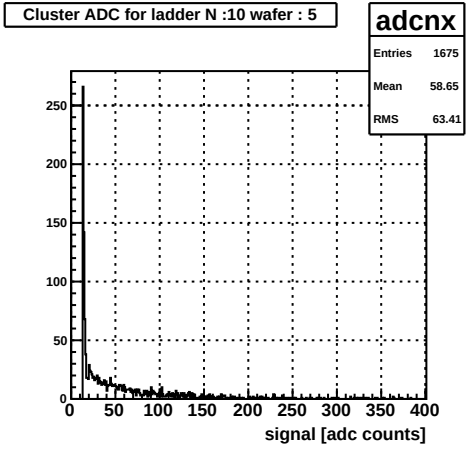

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2607
Mean 56.11
RMS 58.39
signal [adc counts]

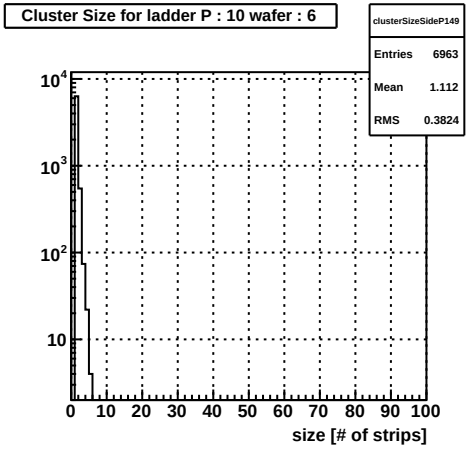

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 5596
Mean 1.143
RMS 0.4542
size [# of strips]

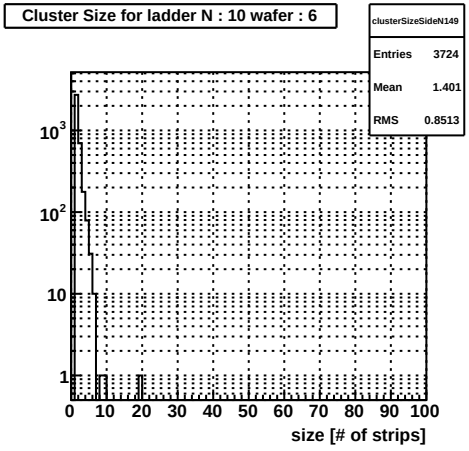

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1675
Mean 1.429
RMS 0.7851
size [# of strips]

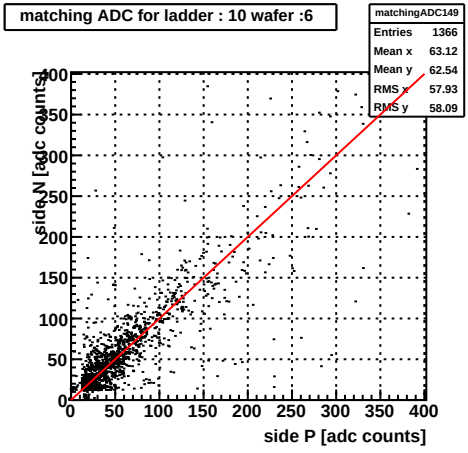

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 738
Mean x 84.43
Mean y 73.24
RMS x 67.82
RMS y 65.06
side N [adc counts]
side P [adc counts]

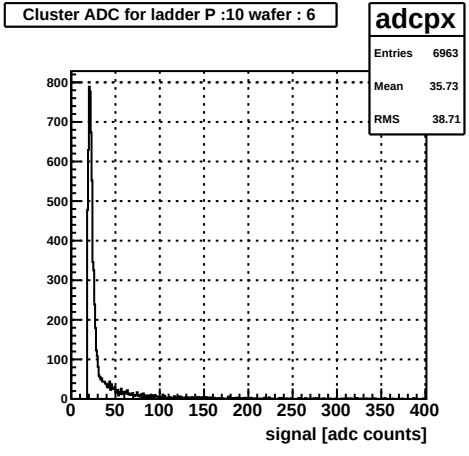

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 5596
Mean 43.81
RMS 49.86
signal [adc counts]

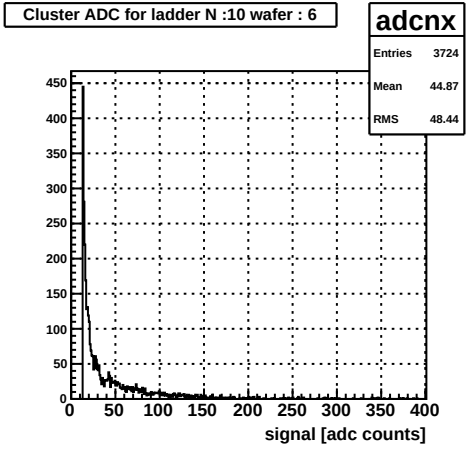

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1675
Mean 58.65
RMS 63.41
signal [adc counts]

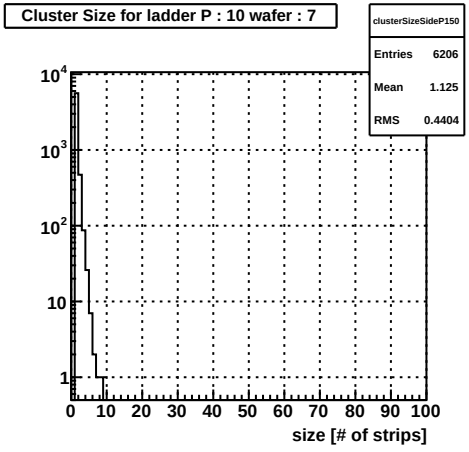

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 6963
Mean 1.112
RMS 0.3824
size [# of strips]

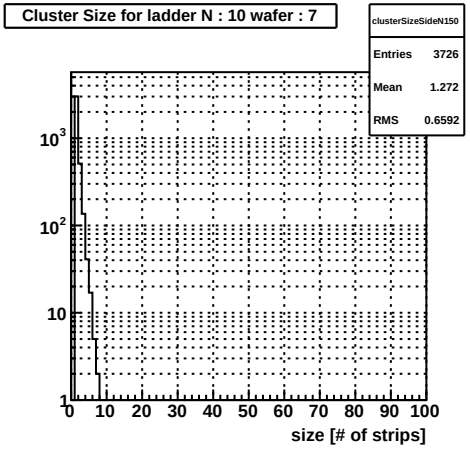

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3724
Mean 1.401
RMS 0.8513
size [# of strips]

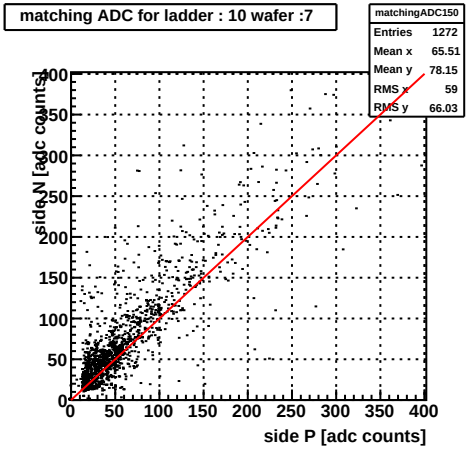

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1366
Mean x 63.12
Mean y 62.54
RMS x 57.93
RMS y 58.09
side N [adc counts]
side P [adc counts]

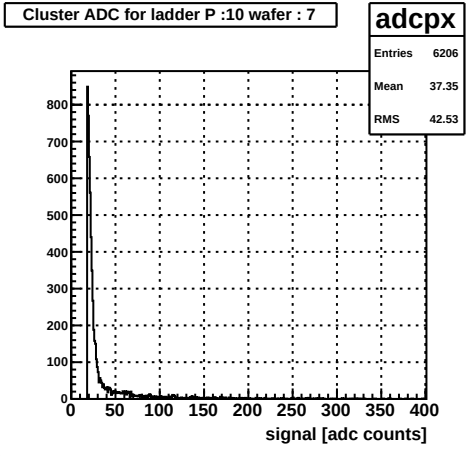

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 6963
Mean 35.73
RMS 38.71
signal [adc counts]

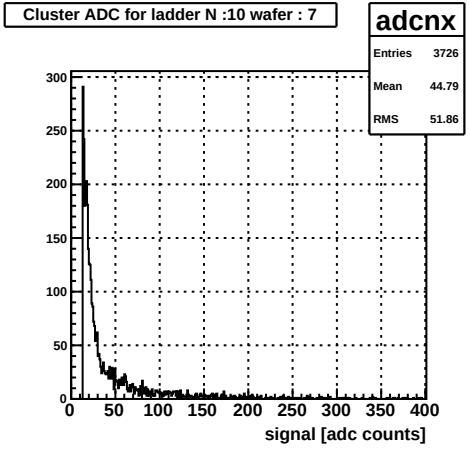

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3724
Mean 44.87
RMS 48.44
signal [adc counts]

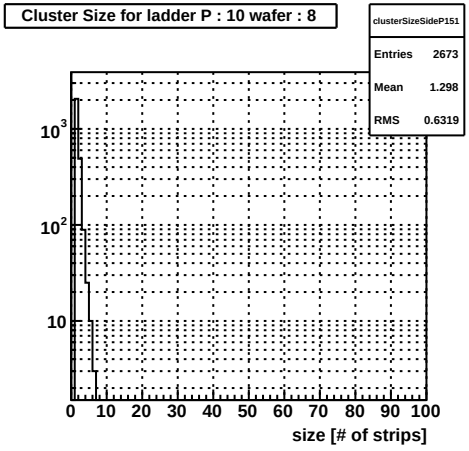

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 6206
Mean 1.125
RMS 0.4404
size [# of strips]

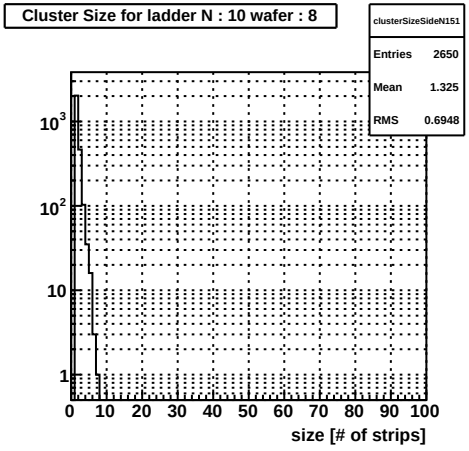

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3726
Mean 1.272
RMS 0.6592
size [# of strips]

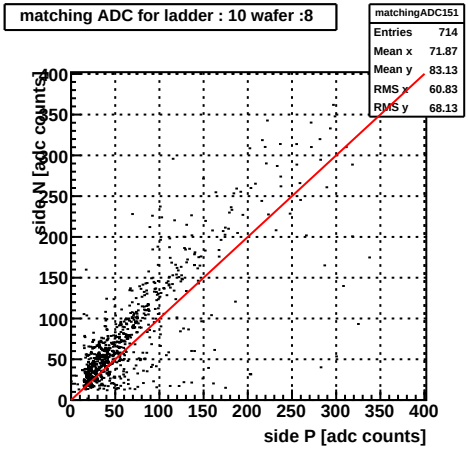

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1272
Mean x 65.51
Mean y 78.15
RMS x 59
RMS y 66.03
side N [adc counts]
side P [adc counts]

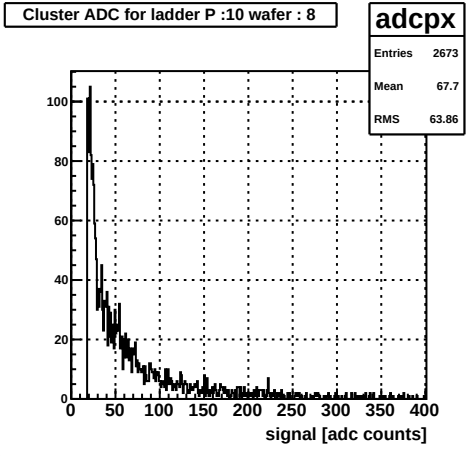

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 6206
Mean 37.35
RMS 42.53
signal [adc counts]

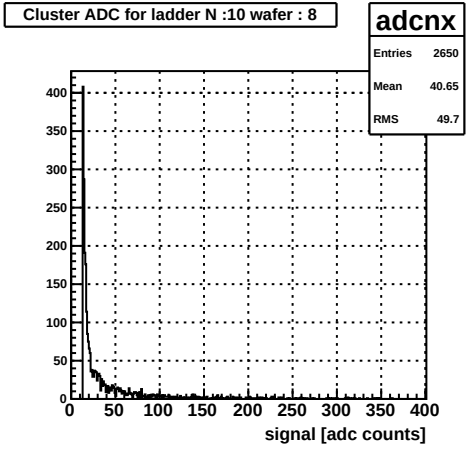

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3726
Mean 44.79
RMS 51.86
signal [adc counts]

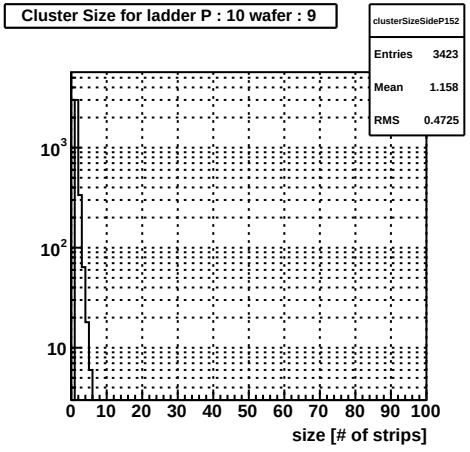

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2673
Mean 1.298
RMS 0.6319
size [# of strips]

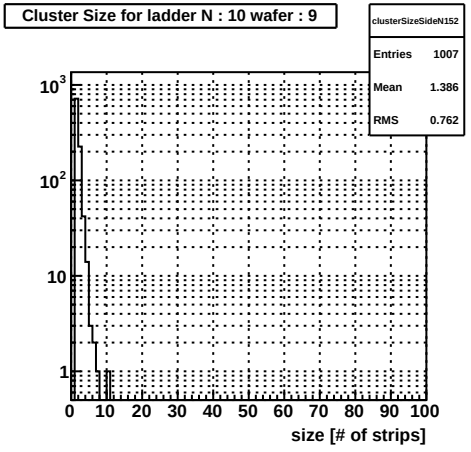

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2650
Mean 1.325
RMS 0.6948
size [# of strips]

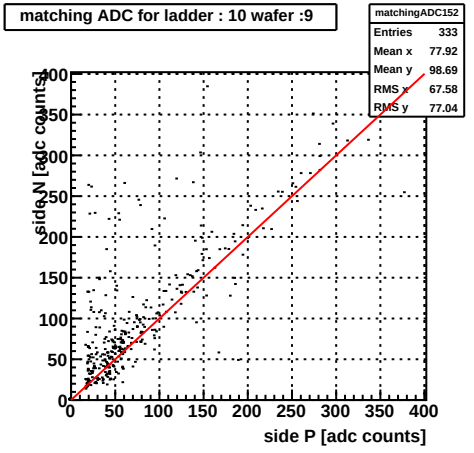

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 714
Mean x 71.87
Mean y 83.13
RMS x 60.83
RMS y 68.13
side N [adc counts]
side P [adc counts]

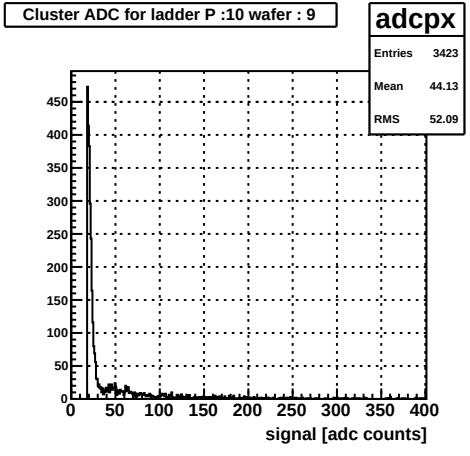

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2673
Mean 67.7
RMS 63.86
signal [adc counts]

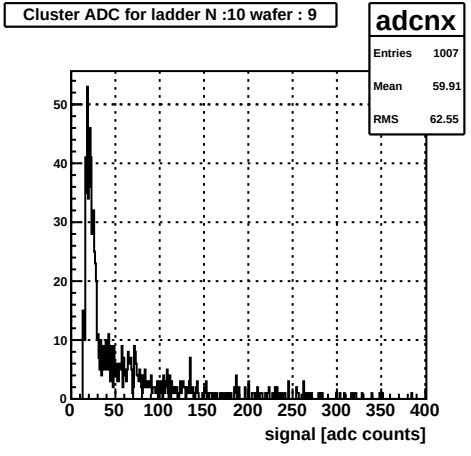

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2650
Mean 40.65
RMS 49.7
signal [adc counts]

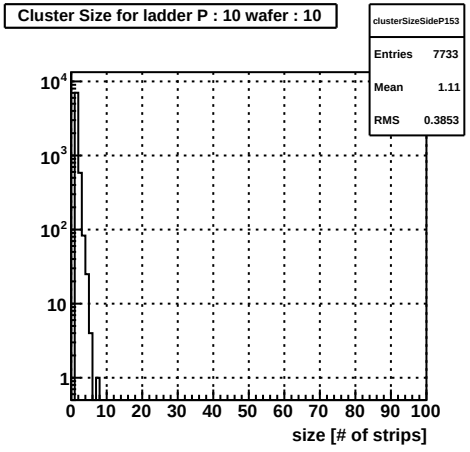

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3423
Mean 1.158
RMS 0.4725
size [# of strips]

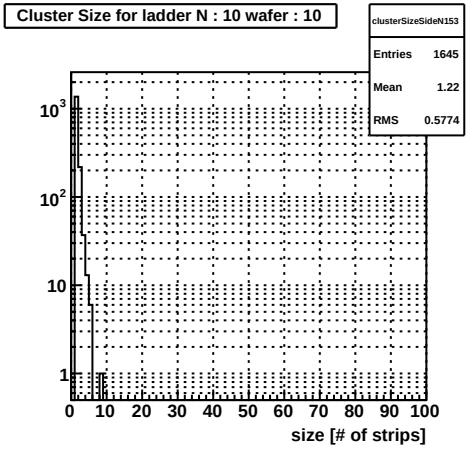

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1007
Mean 1.386
RMS 0.762
size [# of strips]

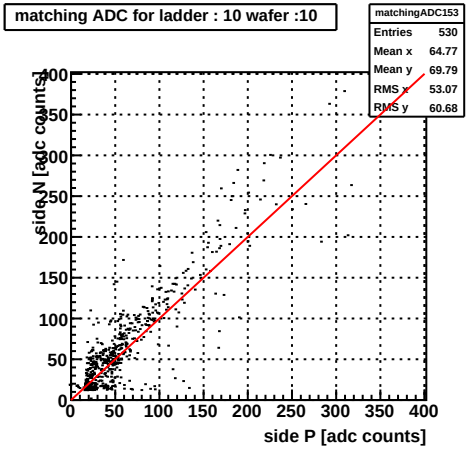

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 333
Mean x 77.92
Mean y 98.69
RMS x 67.58
RMS y 77.04
side N [adc counts]
side P [adc counts]

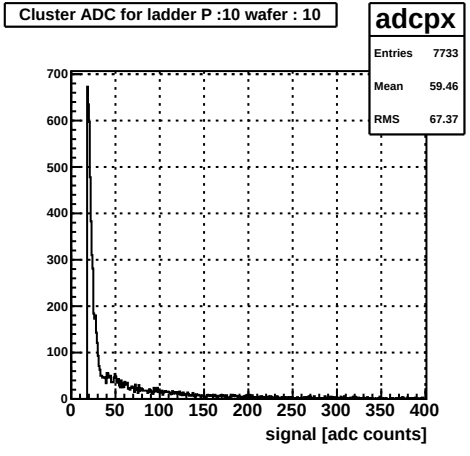

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3423
Mean 44.13
RMS 52.09
signal [adc counts]

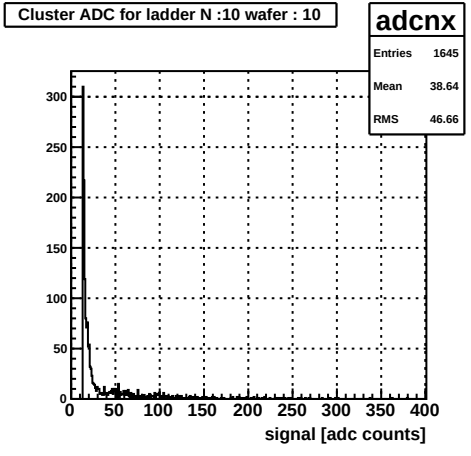

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1007
Mean 59.91
RMS 62.55
signal [adc counts]

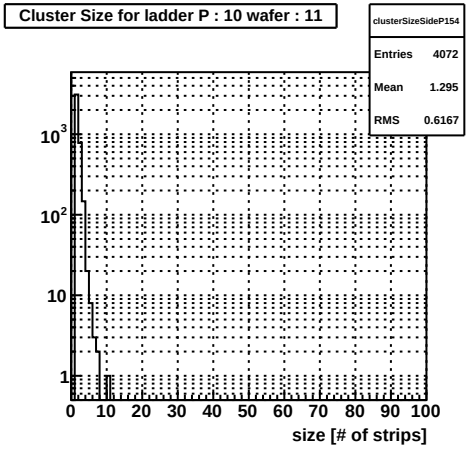

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 7733
Mean 1.11
RMS 0.3853
size [# of strips]

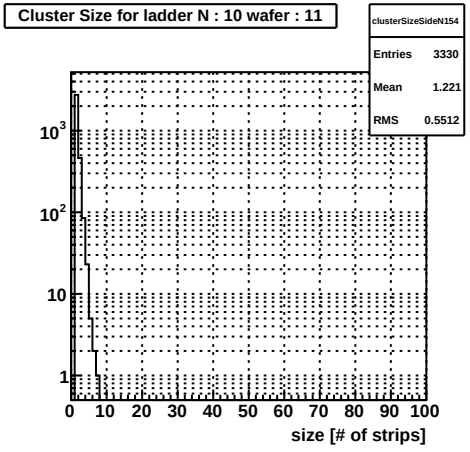

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1645
Mean 1.22
RMS 0.5774
size [# of strips]

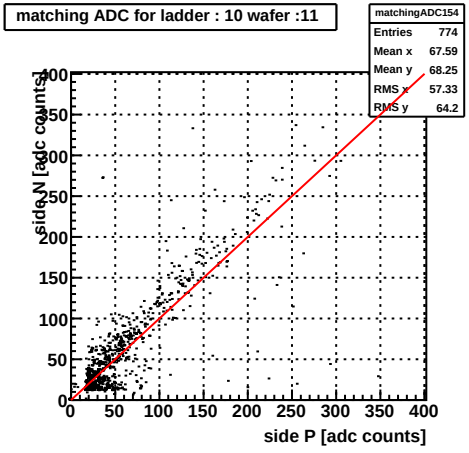

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 530
Mean x 64.77
Mean y 69.79
RMS x 53.07
RMS y 60.68
side N [adc counts]
side P [adc counts]

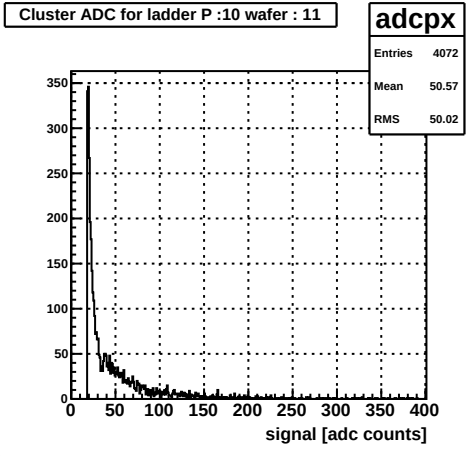

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 7733
Mean 59.46
RMS 67.37
signal [adc counts]

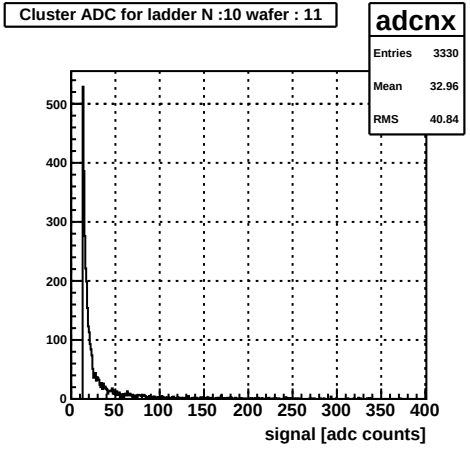

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1645
Mean 38.64
RMS 46.66
signal [adc counts]

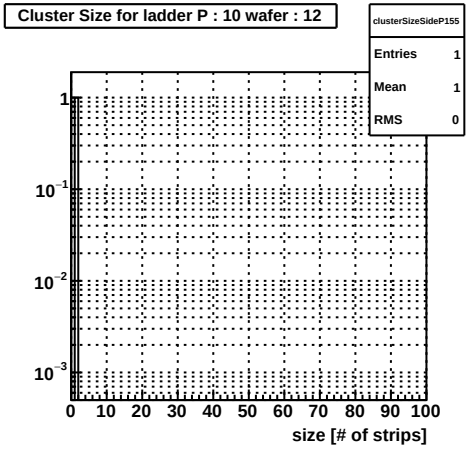

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4072
Mean 1.295
RMS 0.6167
size [# of strips]

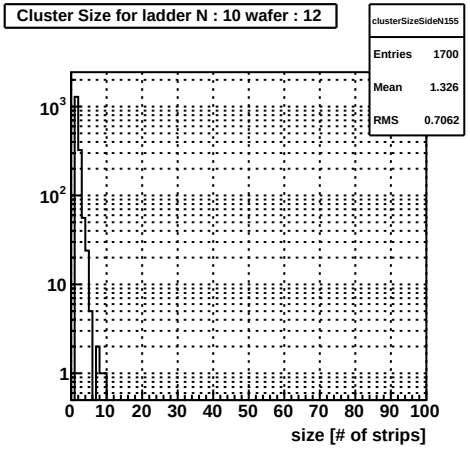

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3330
Mean 1.221
RMS 0.5512
size [# of strips]

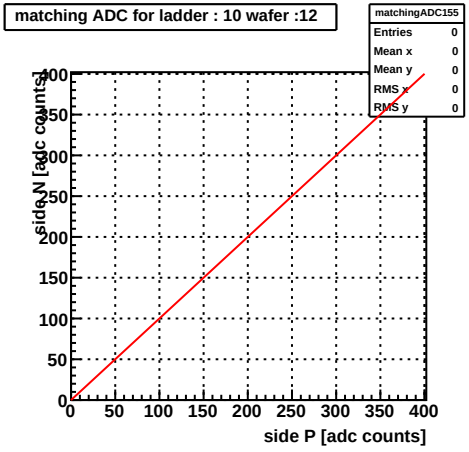

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 774
Mean x 67.59
Mean y 68.25
RMS x 57.33
RMS y 64.2
side N [adc counts]
side P [adc counts]

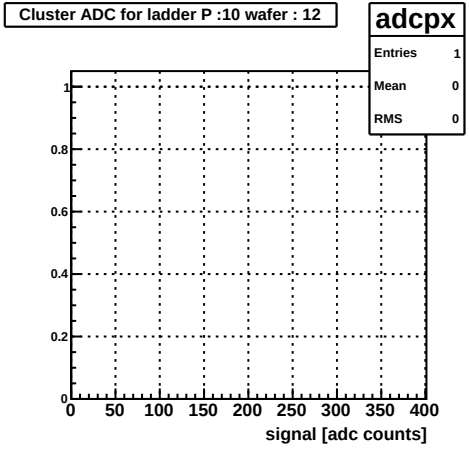

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4072
Mean 50.57
RMS 50.02
signal [adc counts]

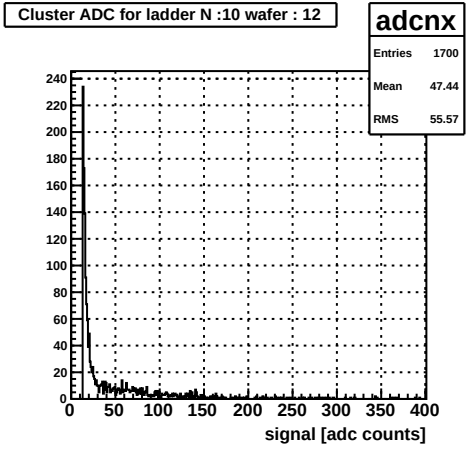

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3330
Mean 32.96
RMS 40.84
signal [adc counts]

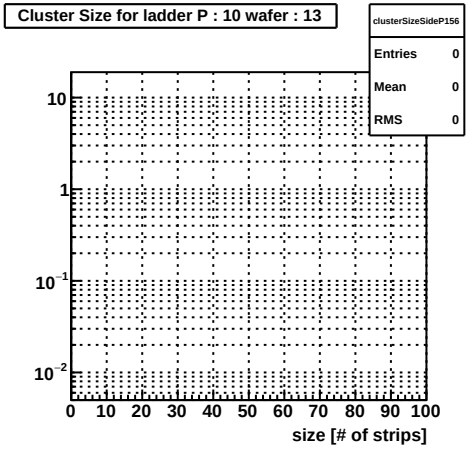

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

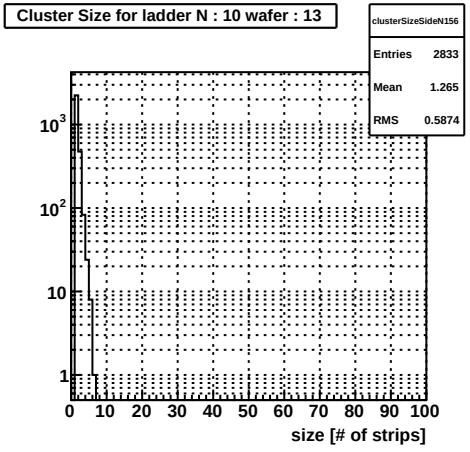

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1700
Mean 1.326
RMS 0.7062
size [# of strips]

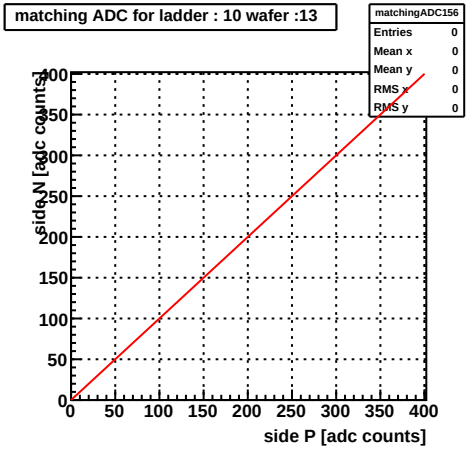

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

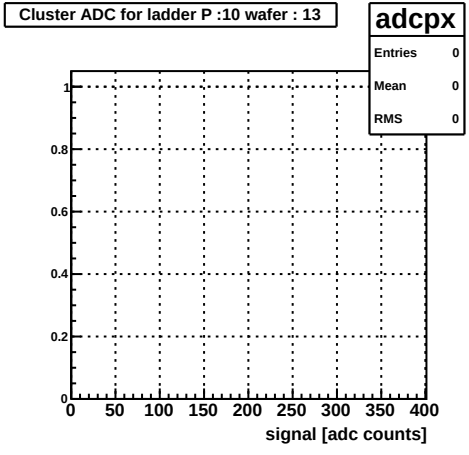

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

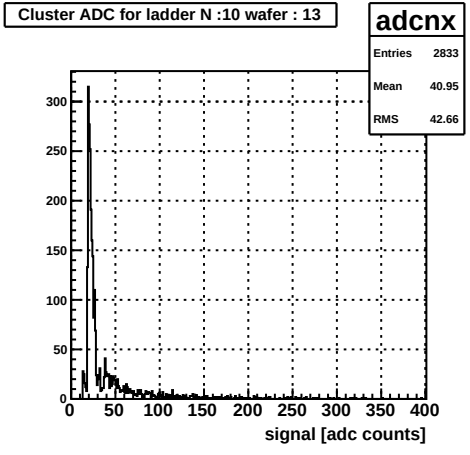

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1700
Mean 47.44
RMS 55.57
signal [adc counts]

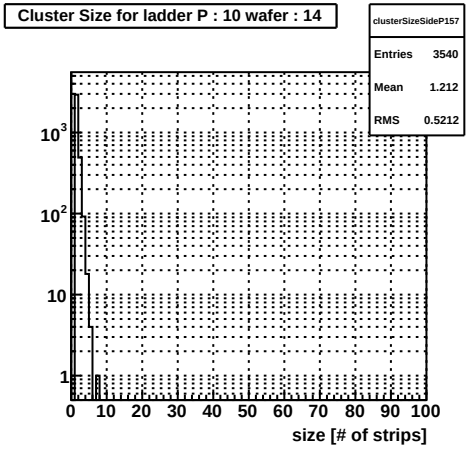

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

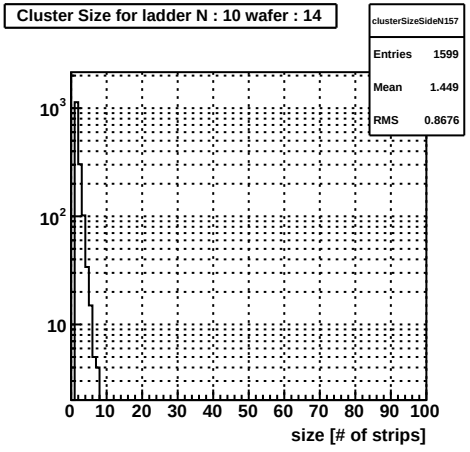

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2833
Mean 1.265
RMS 0.5874
size [# of strips]

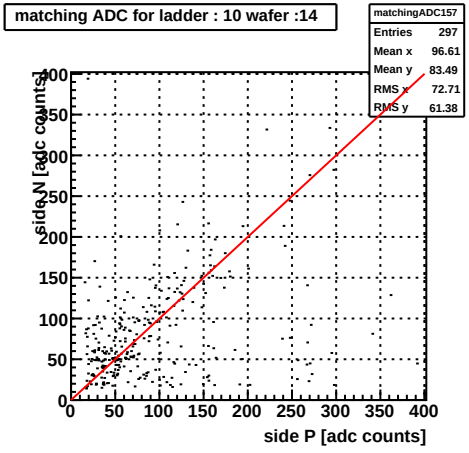

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

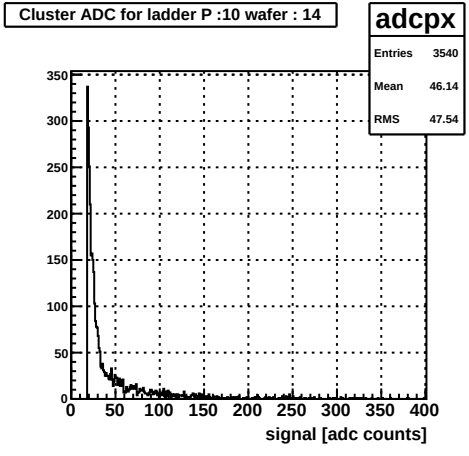

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

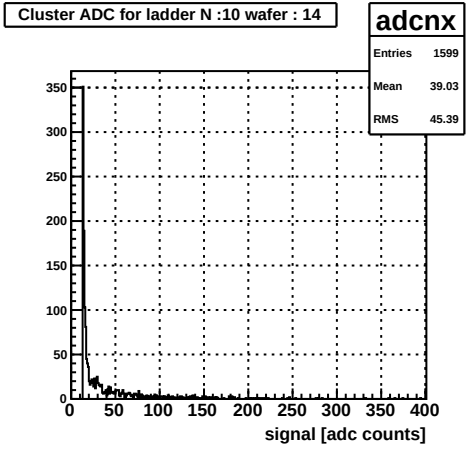

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2833
Mean 40.95
RMS 42.66
signal [adc counts]

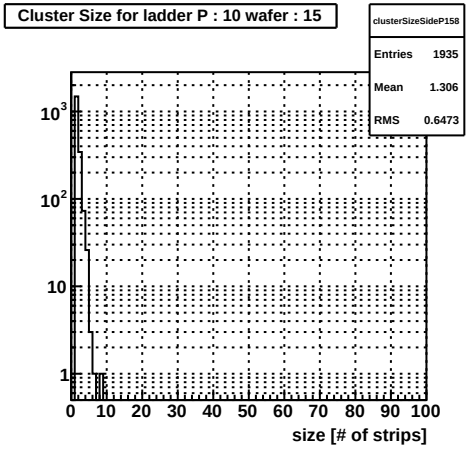

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 3540
Mean 1.212
RMS 0.5212
size [# of strips]

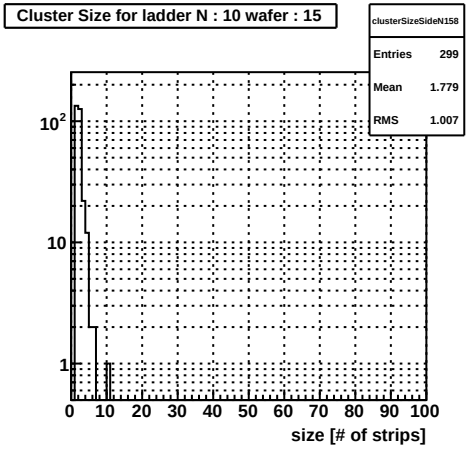

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1599
Mean 1.449
RMS 0.8676
size [# of strips]

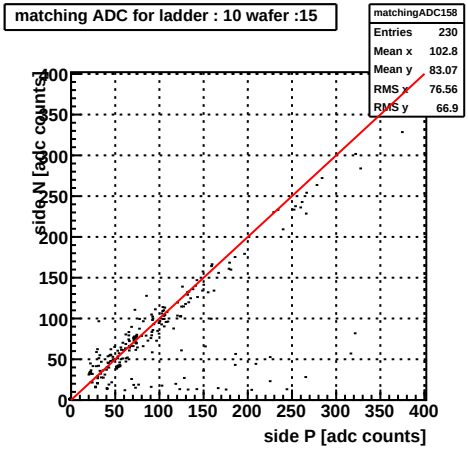

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 297
Mean x 96.61
Mean y 83.49
RMS x 72.71
RMS y 61.38
side N [adc counts]
side P [adc counts]

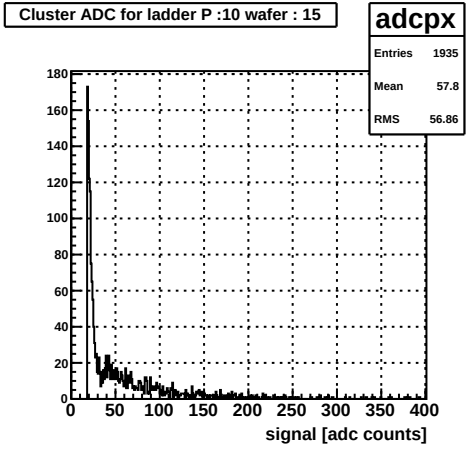

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 3540
Mean 46.14
RMS 47.54
signal [adc counts]

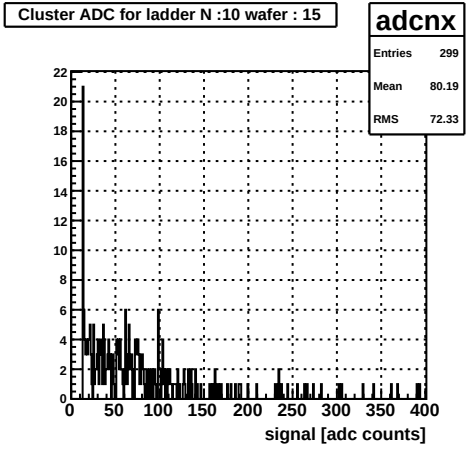

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1599
Mean 39.03
RMS 45.39
signal [adc counts]

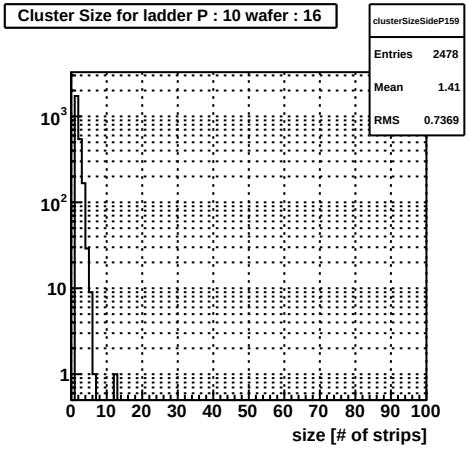

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1935
Mean 1.306
RMS 0.6473
size [# of strips]

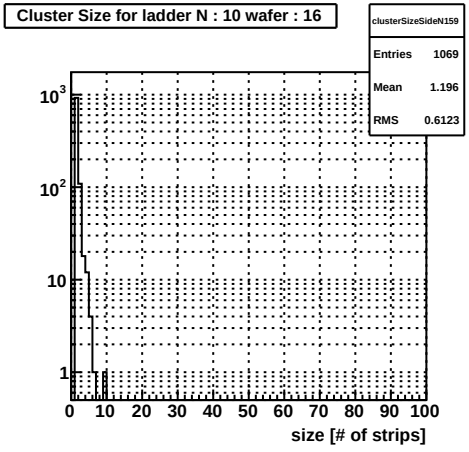

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 299
Mean 1.779
RMS 1.007
size [# of strips]

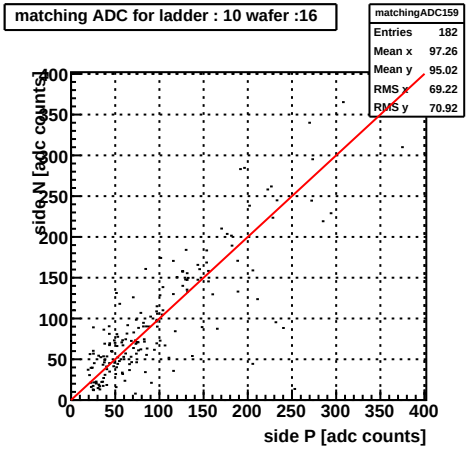

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 230
Mean x 102.8
Mean y 83.07
RMS x 76.56
RMS y 66.9
side N [adc counts]
side P [adc counts]

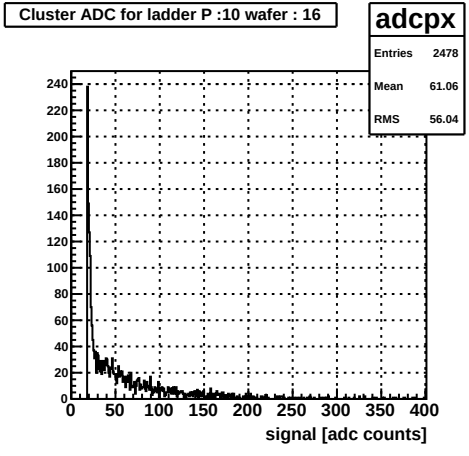

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1935
Mean 57.8
RMS 56.86
signal [adc counts]

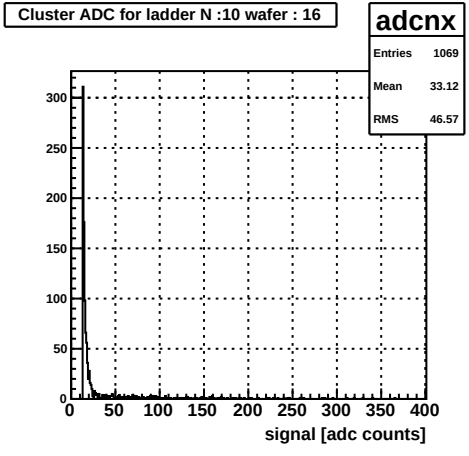

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 299
Mean 80.19
RMS 72.33
signal [adc counts]

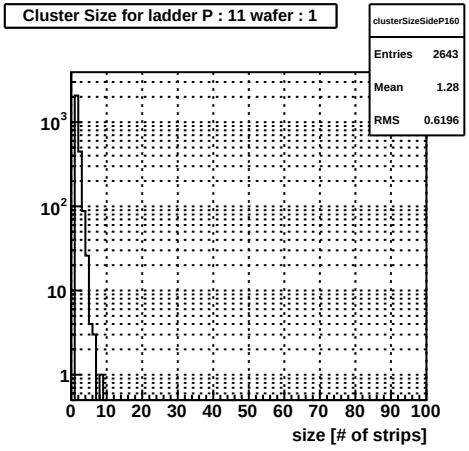

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2478
Mean 1.41
RMS 0.7369
size [# of strips]

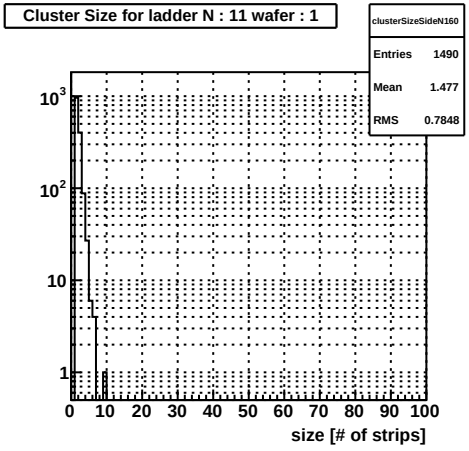

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1069
Mean 1.196
RMS 0.6123
size [# of strips]

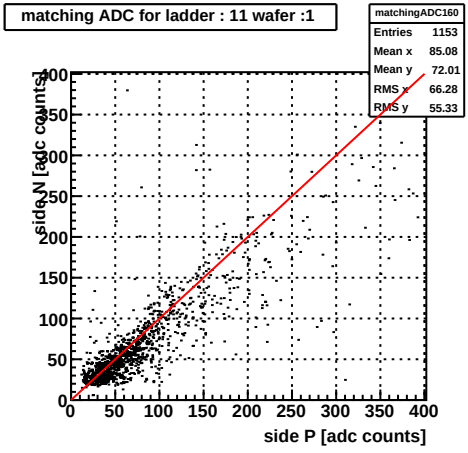

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 182
Mean x 97.26
Mean y 95.02
RMS x 69.22
RMS y 70.92
side N [adc counts]
side P [adc counts]

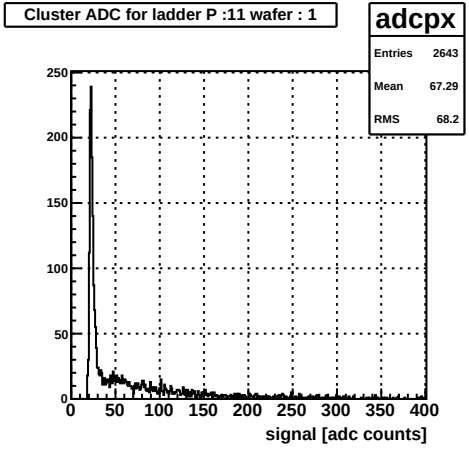

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2478
Mean 61.06
RMS 56.04
signal [adc counts]

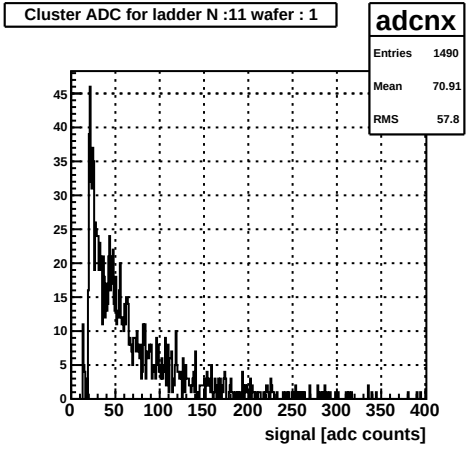

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1069
Mean 33.12
RMS 46.57
signal [adc counts]

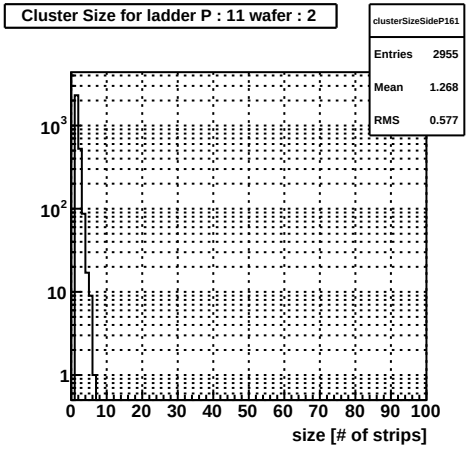

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2643
Mean 1.28
RMS 0.6196
size [# of strips]

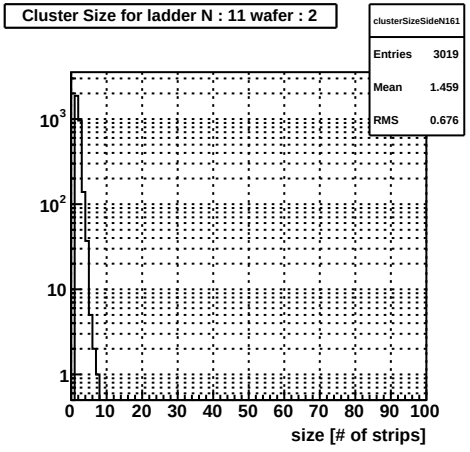

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1490
Mean 1.477
RMS 0.7848
size [# of strips]

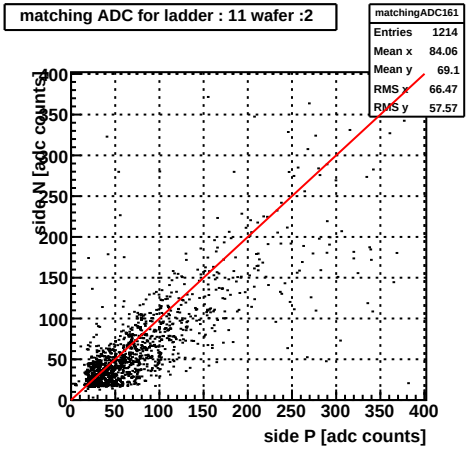

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1153
Mean x 85.08
Mean y 72.01
RMS x 66.28
RMS y 55.33
side N [adc counts]
side P [adc counts]

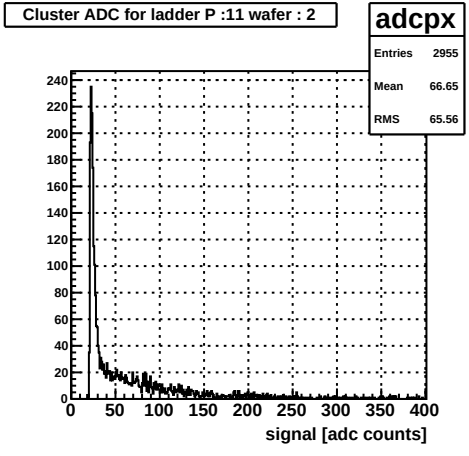

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2643
Mean 67.29
RMS 68.2
signal [adc counts]

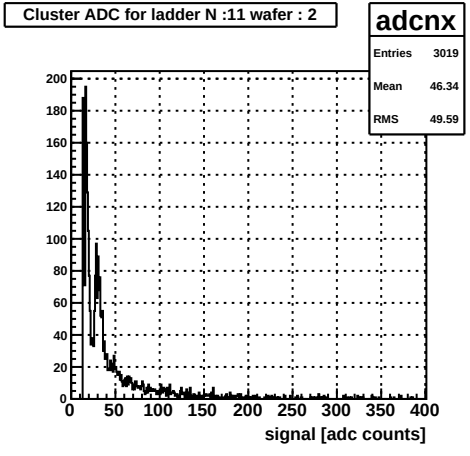

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1490
Mean 70.91
RMS 57.8
signal [adc counts]

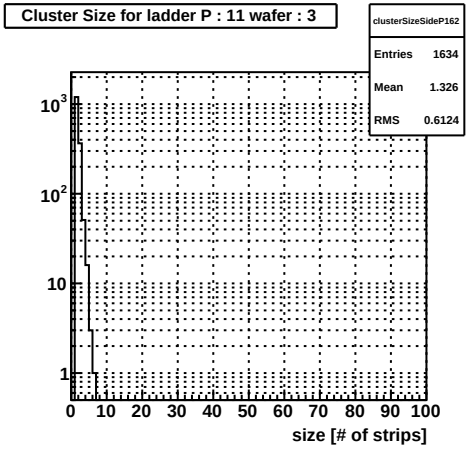

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2955
Mean 1.268
RMS 0.577
size [# of strips]

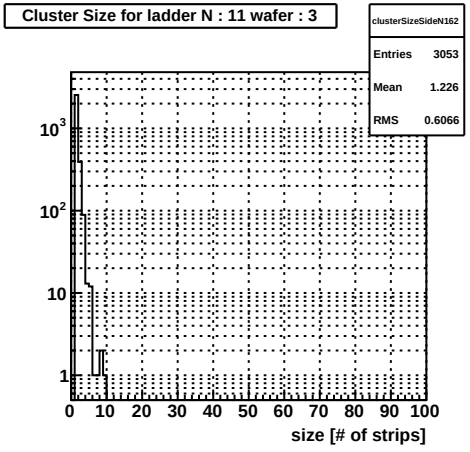

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 3019
Mean 1.459
RMS 0.676
size [# of strips]

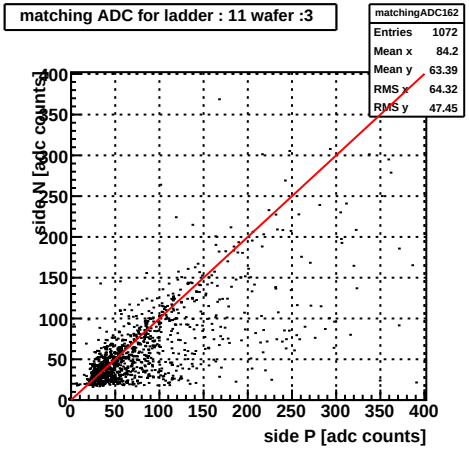

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1214
Mean x 84.06
Mean y 69.1
RMS x 66.47
RMS y 57.57
side N [adc counts]
side P [adc counts]

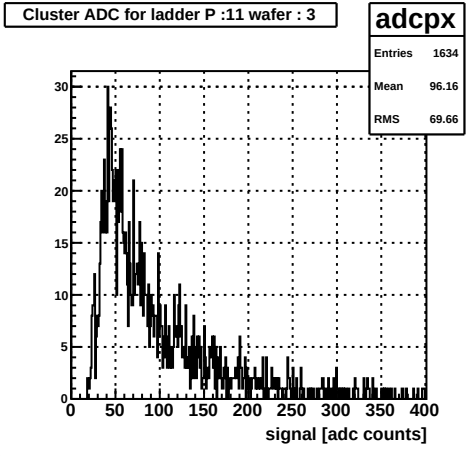

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2955
Mean 66.65
RMS 65.56
signal [adc counts]

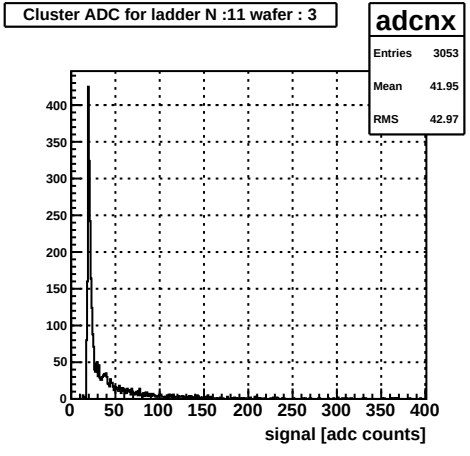

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 3019
Mean 46.34
RMS 49.59
signal [adc counts]

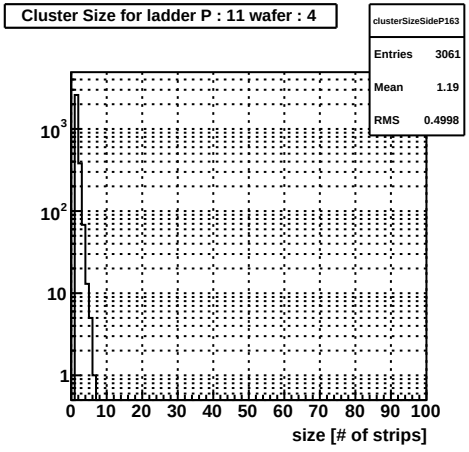

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1634
Mean 1.326
RMS 0.6124
size [# of strips]

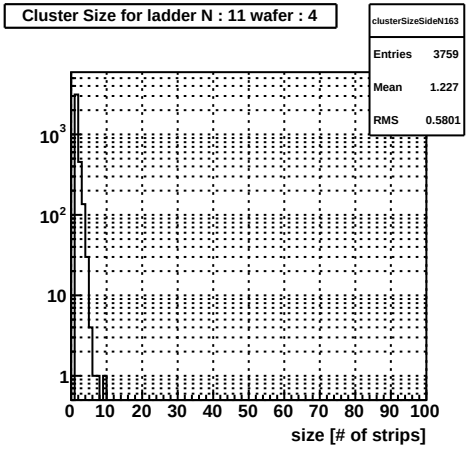

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3053
Mean 1.226
RMS 0.6066
size [# of strips]

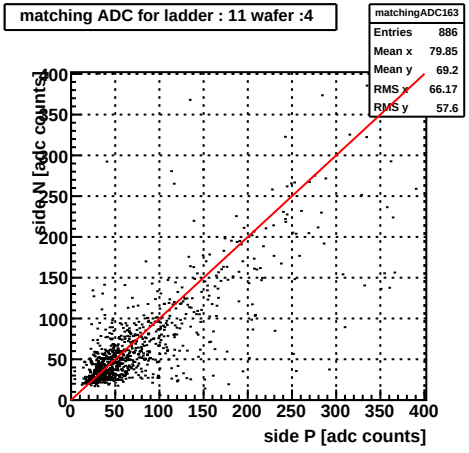

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1072
Mean x 84.2
Mean y 63.39
RMS x 64.32
RMS y 47.45
side N [adc counts]
side P [adc counts]

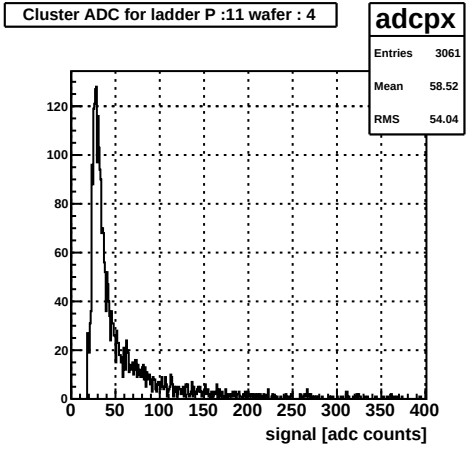

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1634
Mean 96.16
RMS 69.66
signal [adc counts]

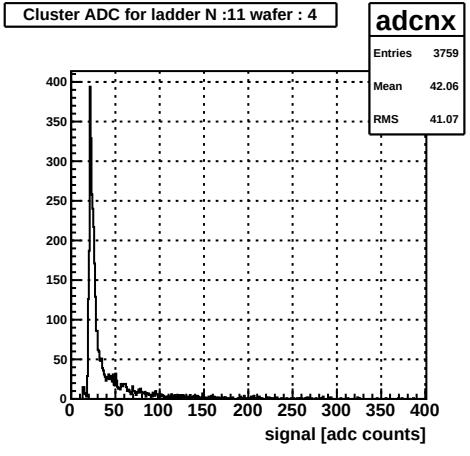

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3053
Mean 41.95
RMS 42.97
signal [adc counts]

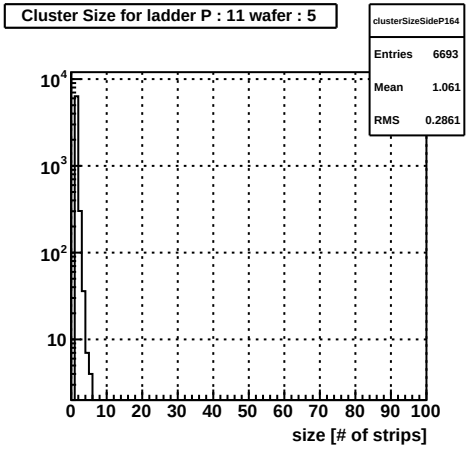

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3061
Mean 1.19
RMS 0.4998
size [# of strips]

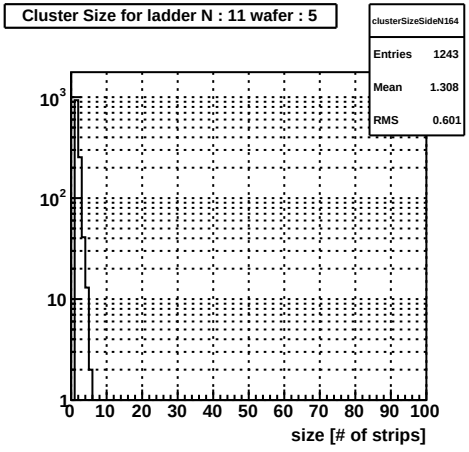

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3759
Mean 1.227
RMS 0.5801
size [# of strips]

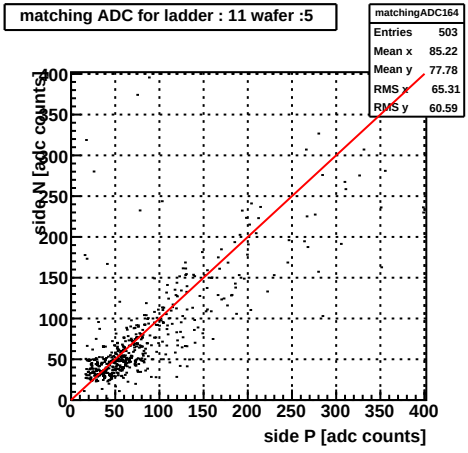

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 886
Mean x 79.85
Mean y 69.2
RMS x 66.17
RMS y 57.6
side N [adc counts]
side P [adc counts]

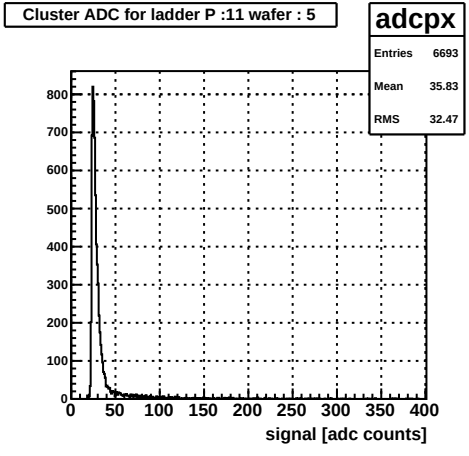

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3061
Mean 58.52
RMS 54.04
signal [adc counts]

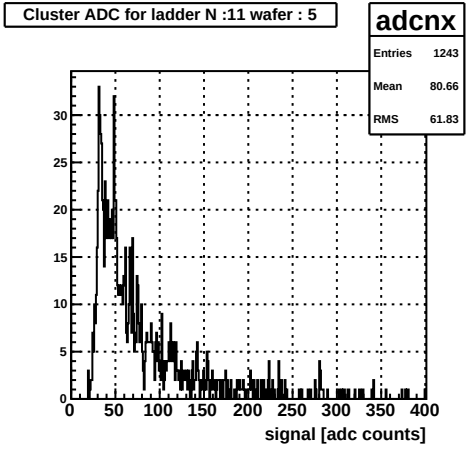

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3759
Mean 42.06
RMS 41.07
signal [adc counts]

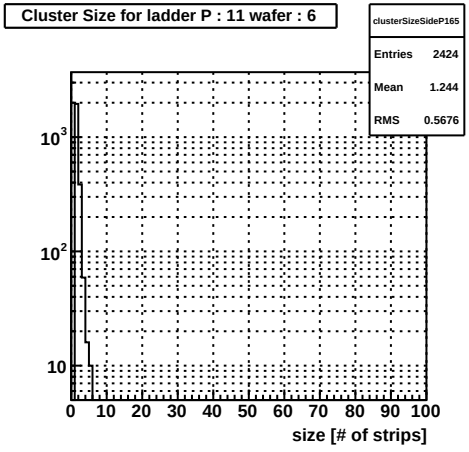

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 6693
Mean 1.061
RMS 0.2861
size [# of strips]

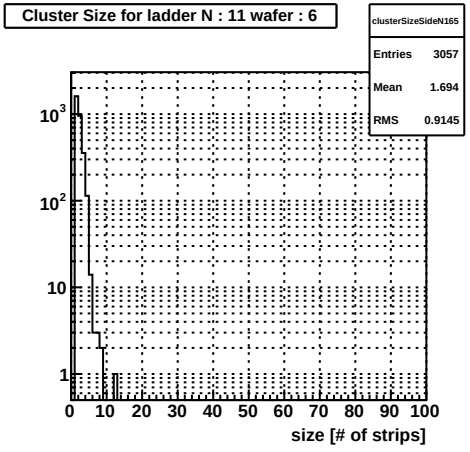

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1243
Mean 1.308
RMS 0.601
size [# of strips]

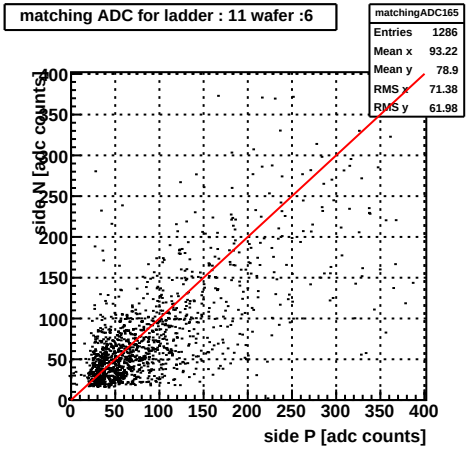

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 503
Mean x 85.22
Mean y 77.78
RMS x 65.31
RMS y 60.59
side N [adc counts]
side P [adc counts]

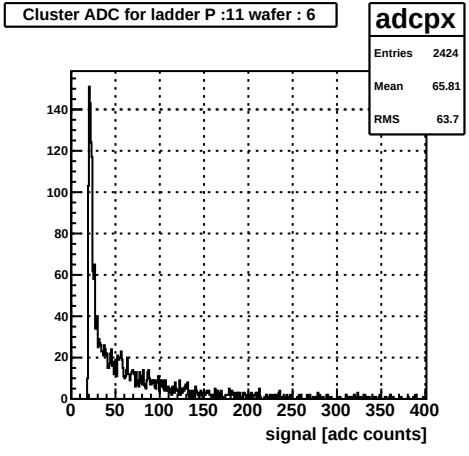

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 6693
Mean 35.83
RMS 32.47
signal [adc counts]

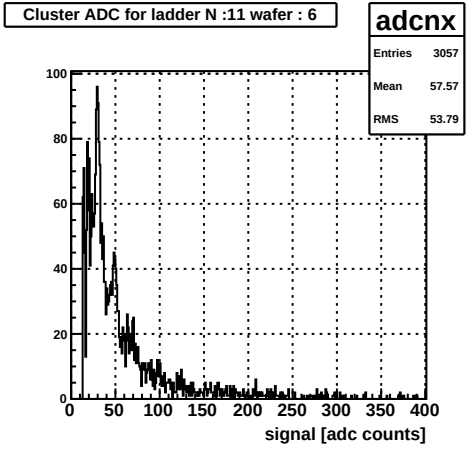

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1243
Mean 80.66
RMS 61.83
signal [adc counts]

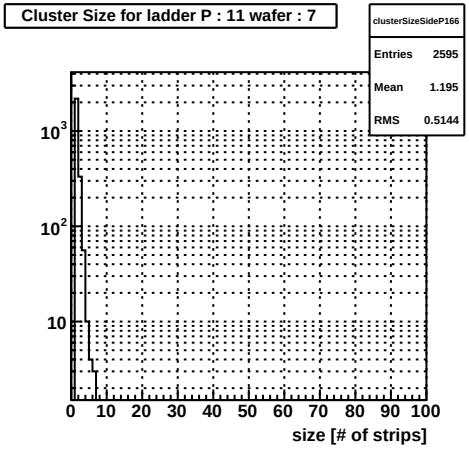

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2424
Mean 1.244
RMS 0.5676
size [# of strips]

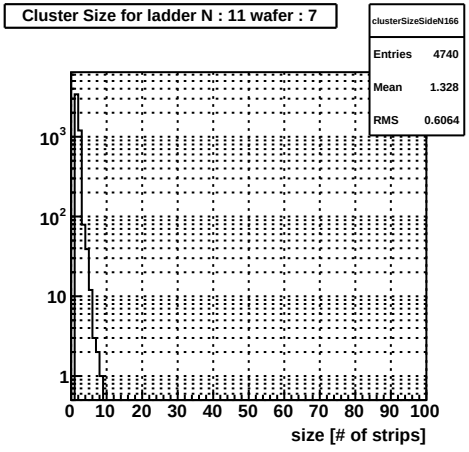

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3057
Mean 1.694
RMS 0.9145
size [# of strips]

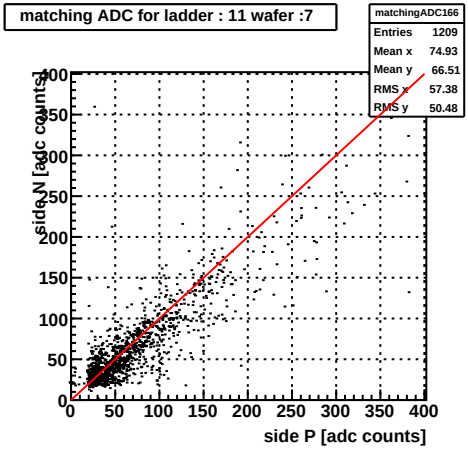

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1286
Mean x 93.22
Mean y 78.9
RMS x 71.38
RMS y 61.98
side N [adc counts]
side P [adc counts]

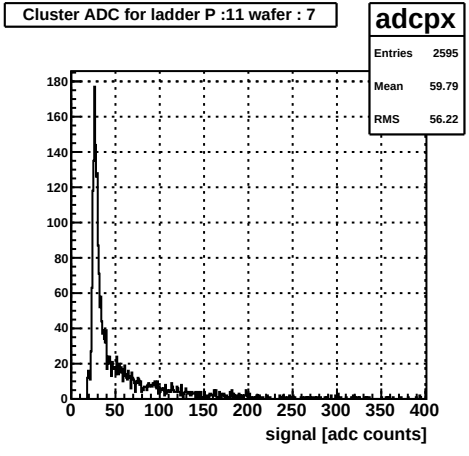

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2424
Mean 65.81
RMS 63.7
signal [adc counts]

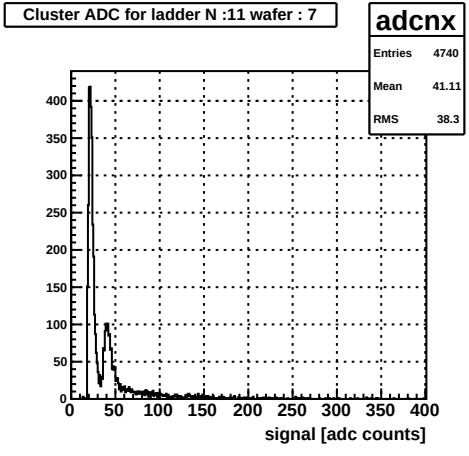

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3057
Mean 57.57
RMS 53.79
signal [adc counts]

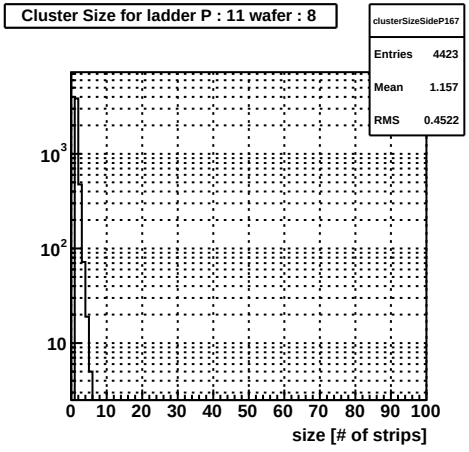

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2595
Mean 1.195
RMS 0.5144
size [# of strips]

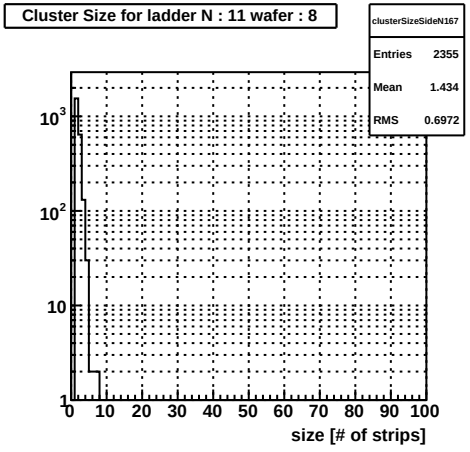

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4740
Mean 1.328
RMS 0.6064
size [# of strips]

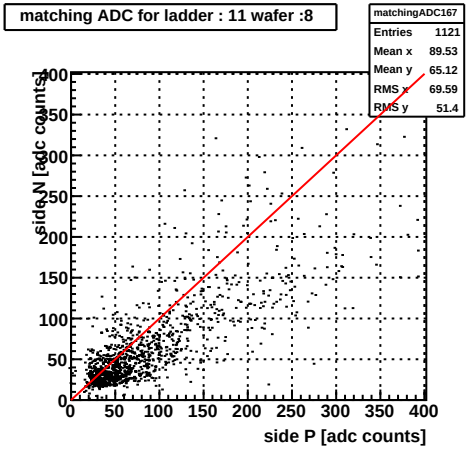

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1209
Mean x 74.93
Mean y 66.51
RMS x 57.38
RMS y 50.48
side N [adc counts]
side P [adc counts]

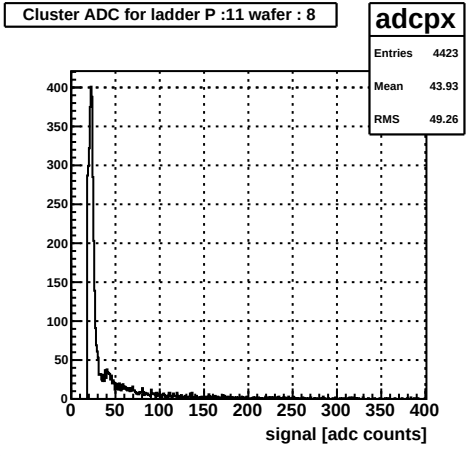

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2595
Mean 59.79
RMS 56.22
signal [adc counts]

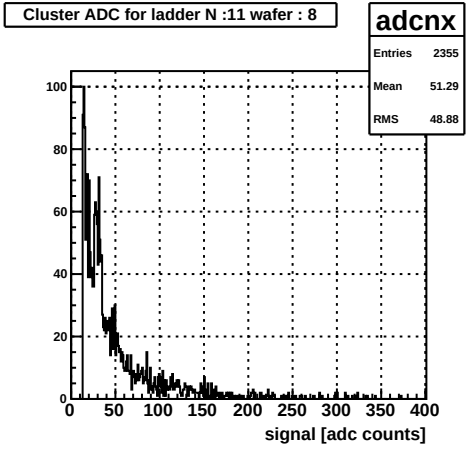

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4740
Mean 41.11
RMS 38.3
signal [adc counts]

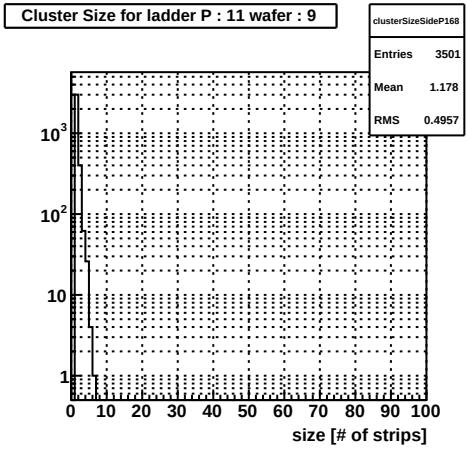

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 4423
Mean 1.157
RMS 0.4522
size [# of strips]

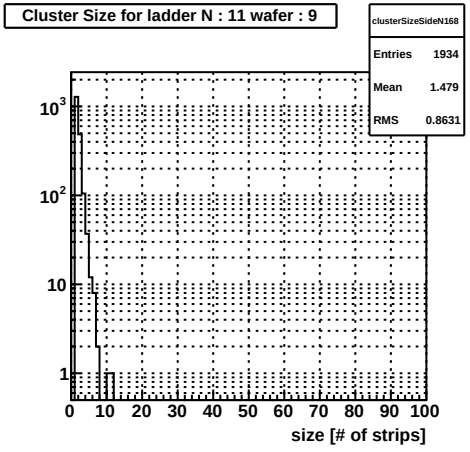

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 2355
Mean 1.434
RMS 0.6972
size [# of strips]

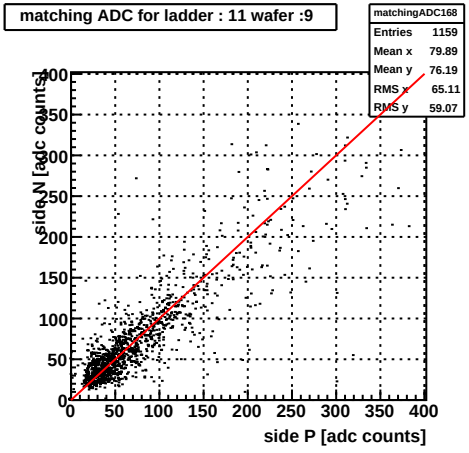

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1121
Mean x 89.53
Mean y 65.12
RMS x 69.59
RMS y 51.4
side N [adc counts]
side P [adc counts]

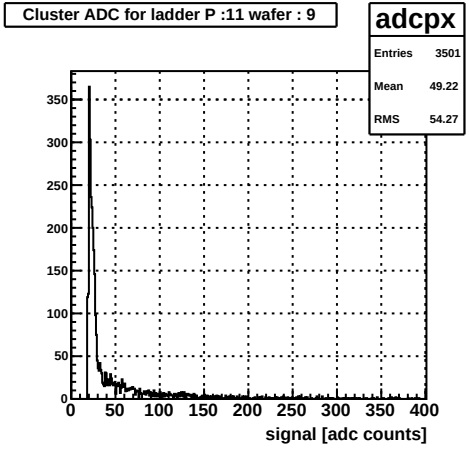

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 4423
Mean 43.93
RMS 49.26
signal [adc counts]

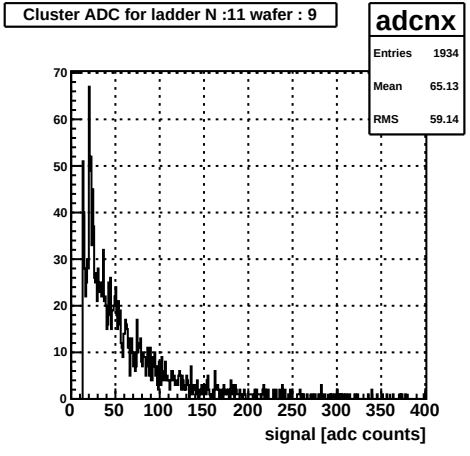

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 2355
Mean 51.29
RMS 48.88
signal [adc counts]

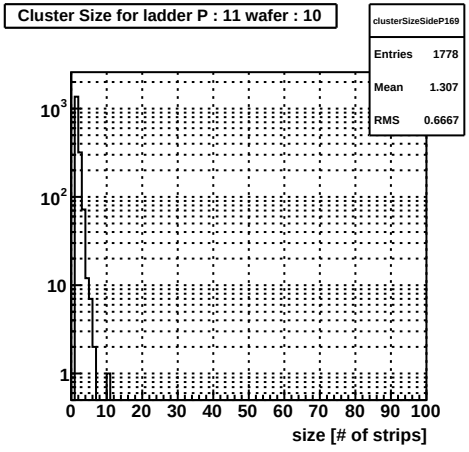

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 3501
Mean 1.178
RMS 0.4957
size [# of strips]

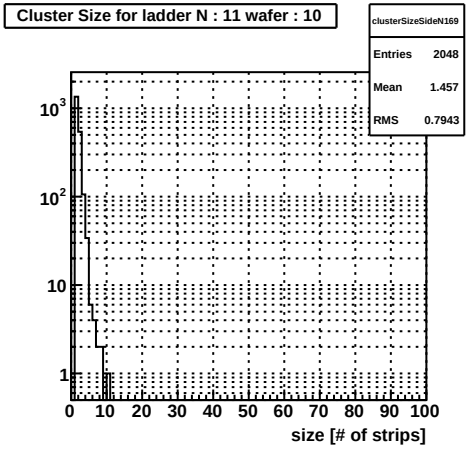

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1934
Mean 1.479
RMS 0.8631
size [# of strips]

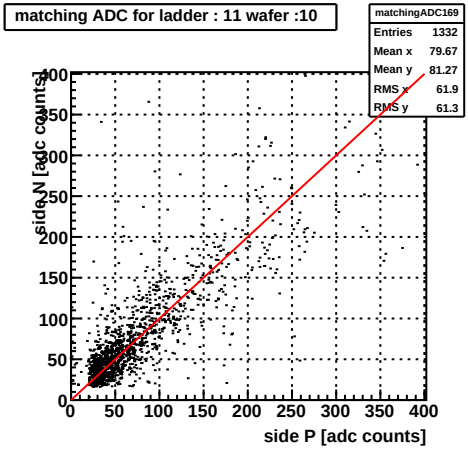

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1159
Mean x 79.89
Mean y 76.19
RMS x 65.11
RMS y 59.07
side N [adc counts]
side P [adc counts]

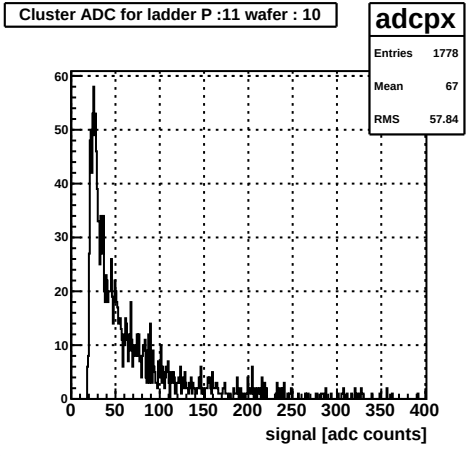

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 3501
Mean 49.22
RMS 54.27
signal [adc counts]

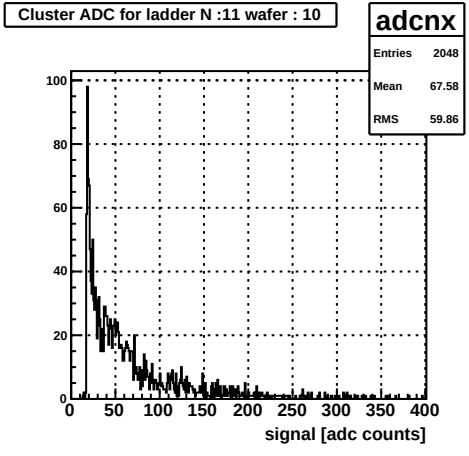

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1934
Mean 65.13
RMS 59.14
signal [adc counts]

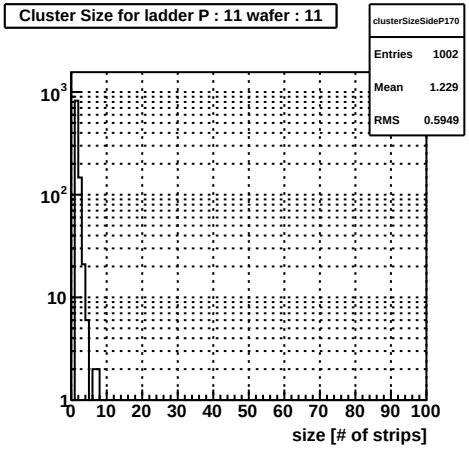

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1778
Mean 1.307
RMS 0.6667
size [# of strips]

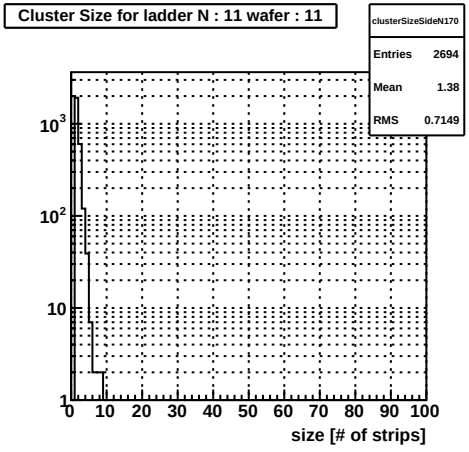

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2048
Mean 1.457
RMS 0.7943
size [# of strips]

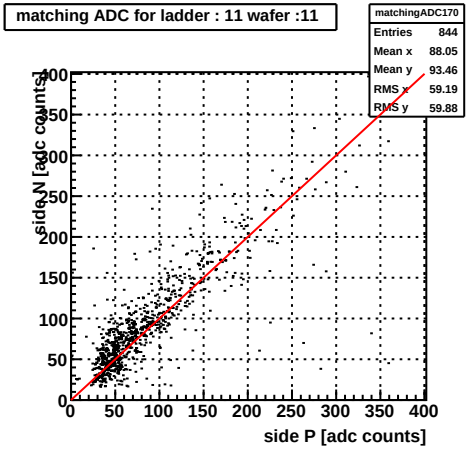

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1332
Mean x 79.67
Mean y 81.27
RMS x 61.9
RMS y 61.3
side N [adc counts]
side P [adc counts]

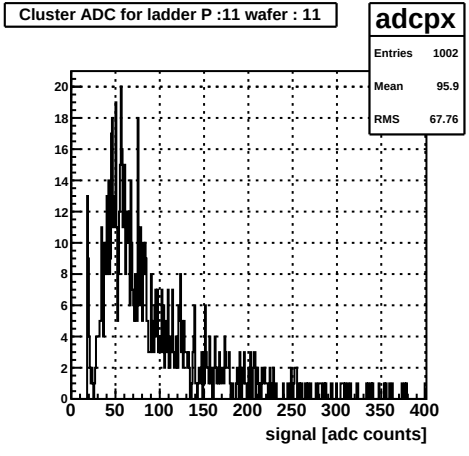

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1778
Mean 67
RMS 57.84
signal [adc counts]

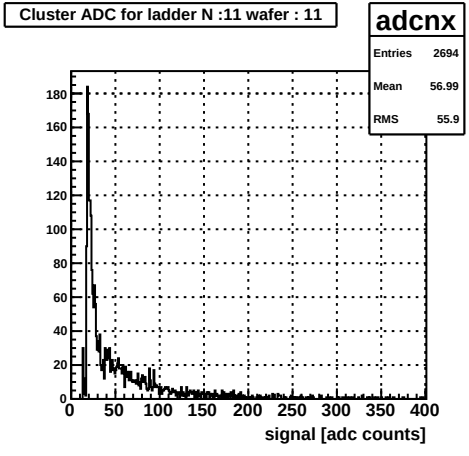

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2048
Mean 67.58
RMS 59.86
signal [adc counts]

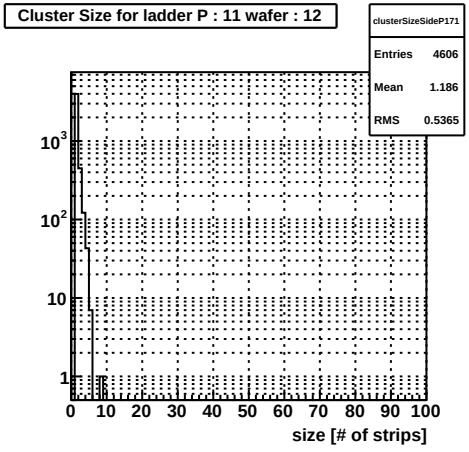

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1002
Mean 1.229
RMS 0.5949
size [# of strips]

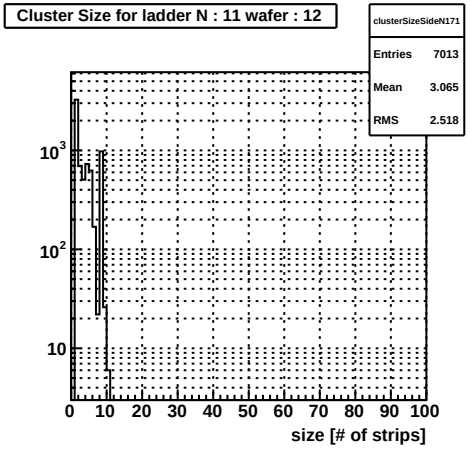

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2694
Mean 1.38
RMS 0.7149
size [# of strips]

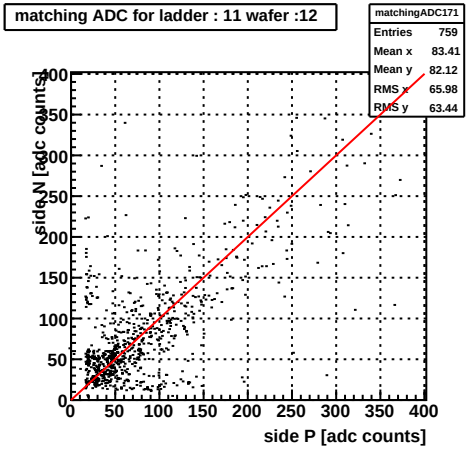

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 844
Mean x 88.05
Mean y 93.46
RMS x 59.19
RMS y 59.88
side N [adc counts]
side P [adc counts]

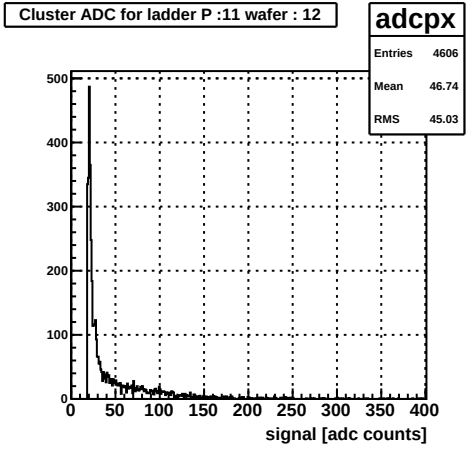

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1002
Mean 95.9
RMS 67.76
signal [adc counts]

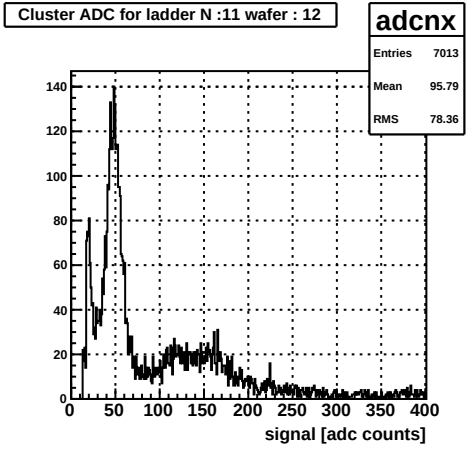

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2694
Mean 56.99
RMS 55.9
signal [adc counts]

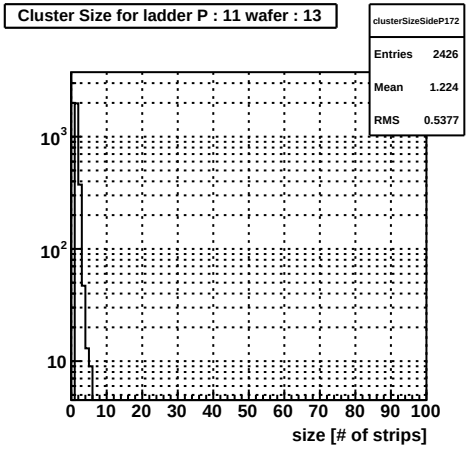

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 4606
Mean 1.186
RMS 0.5365
size [# of strips]

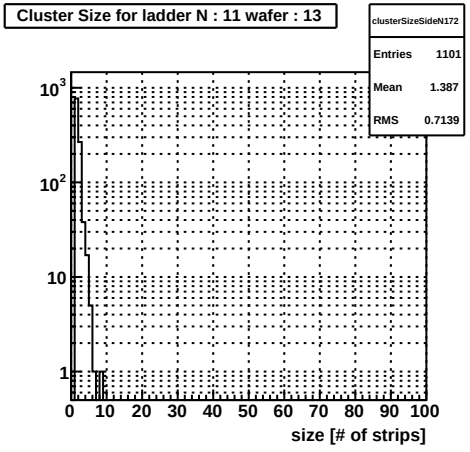

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7013
Mean 3.065
RMS 2.518
size [# of strips]

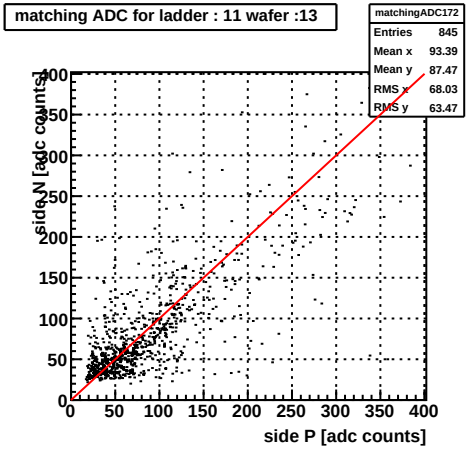

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 759
Mean x 83.41
Mean y 82.12
RMS x 65.98
RMS y 63.44
side N [adc counts]
side P [adc counts]

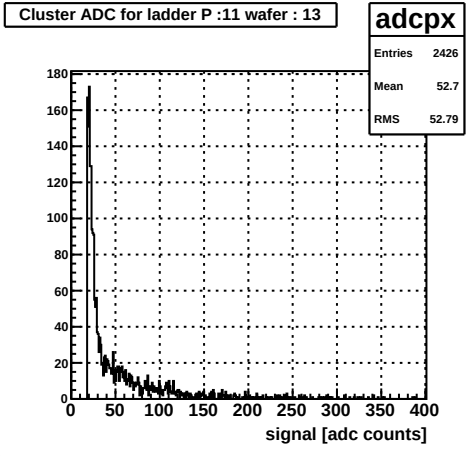

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 4606
Mean 46.74
RMS 45.03
signal [adc counts]

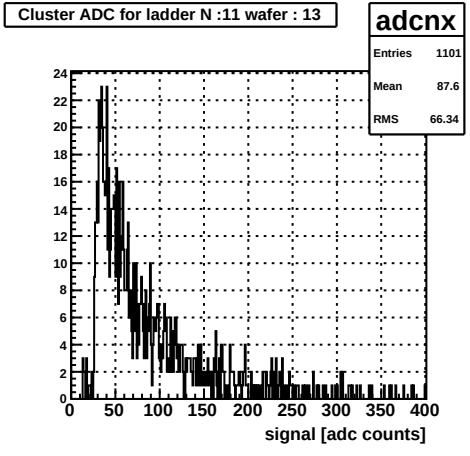

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7013
Mean 95.79
RMS 78.36
signal [adc counts]

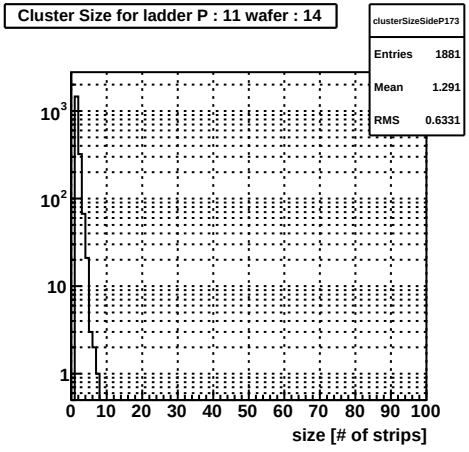

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2426
Mean 1.224
RMS 0.5377
size [# of strips]

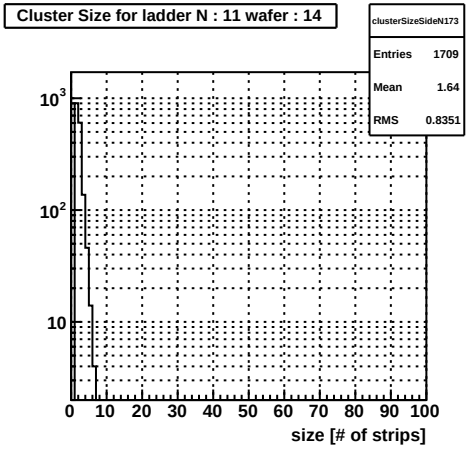

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1101
Mean 1.387
RMS 0.7139
size [# of strips]

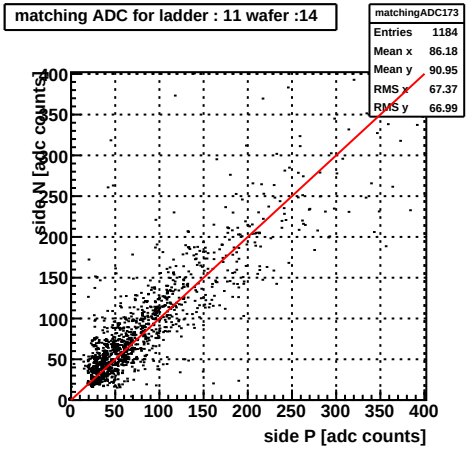

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 845
Mean x 93.39
Mean y 87.47
RMS x 68.03
RMS y 63.47
side N [adc counts]
side P [adc counts]

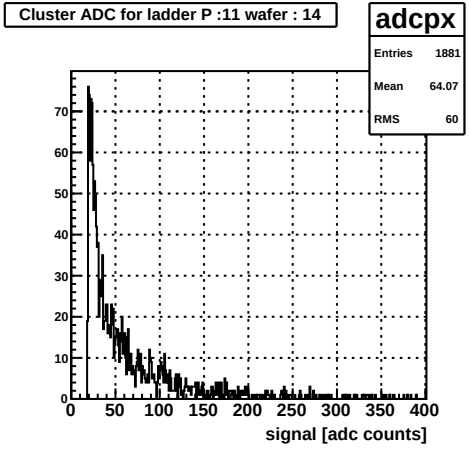

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2426
Mean 52.7
RMS 52.79
signal [adc counts]

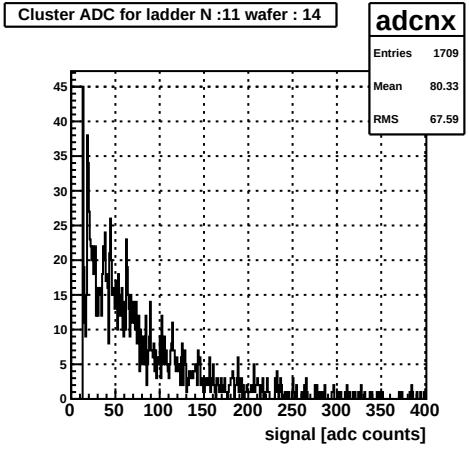

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1101
Mean 87.6
RMS 66.34
signal [adc counts]

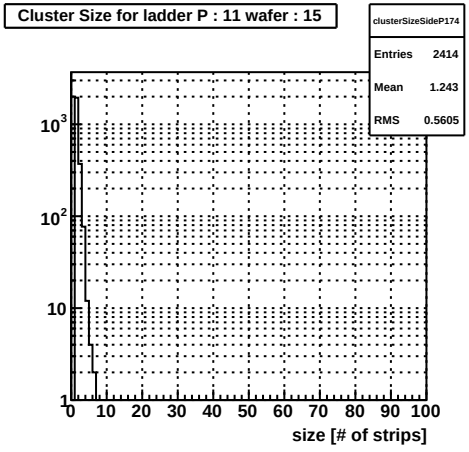

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1881
Mean 1.291
RMS 0.6331
size [# of strips]

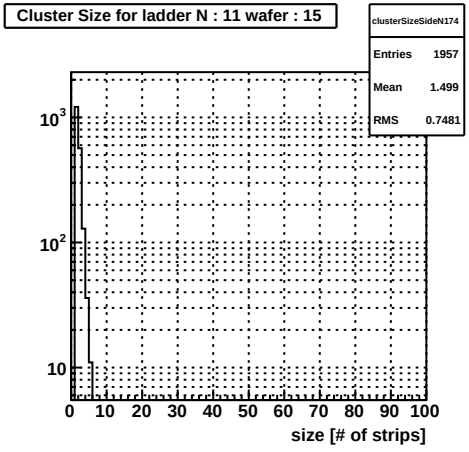

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1709
Mean 1.64
RMS 0.8351
size [# of strips]

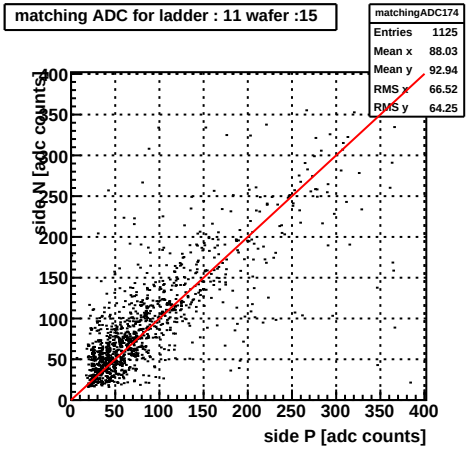

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1184
Mean x 86.18
Mean y 90.95
RMS x 67.37
RMS y 66.99
side N [adc counts]
side P [adc counts]

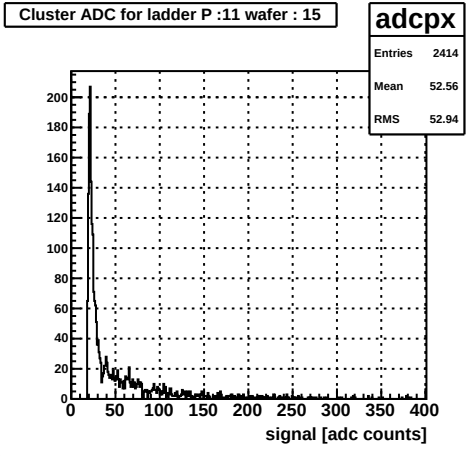

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1881
Mean 64.07
RMS 60
signal [adc counts]

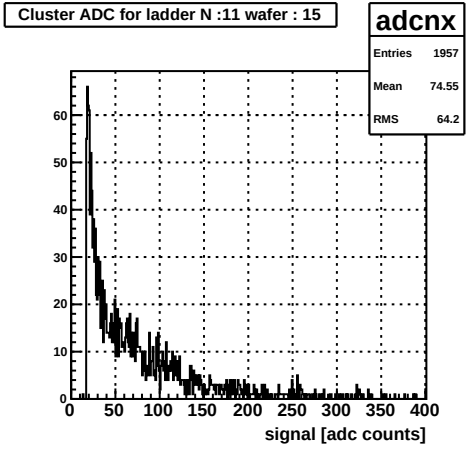

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1709
Mean 80.33
RMS 67.59
signal [adc counts]

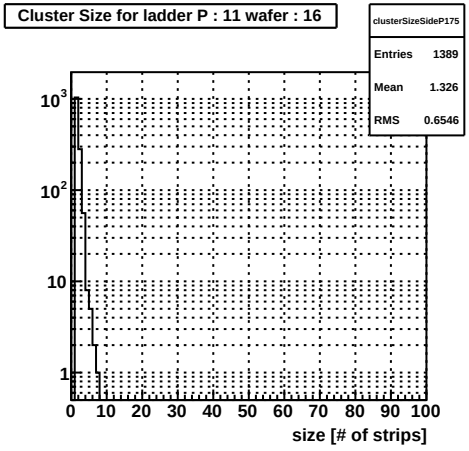

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2414
Mean 1.243
RMS 0.5605
size [# of strips]

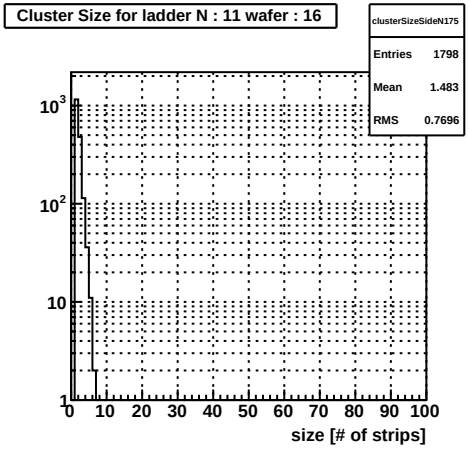

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1957
Mean 1.499
RMS 0.7481
size [# of strips]

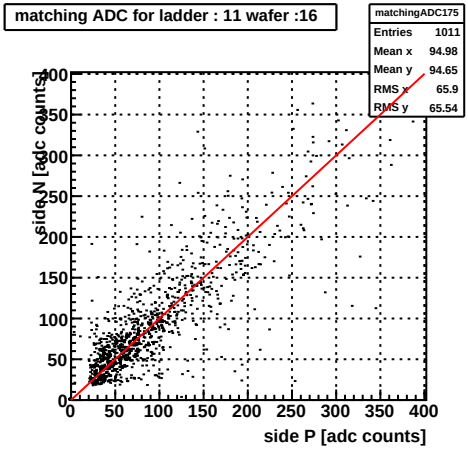

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1125
Mean x 88.03
Mean y 92.94
RMS x 66.52
RMS y 64.25
side N [adc counts]
side P [adc counts]

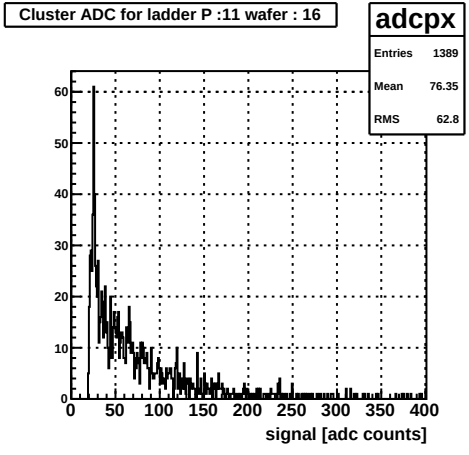

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2414
Mean 52.56
RMS 52.94
signal [adc counts]

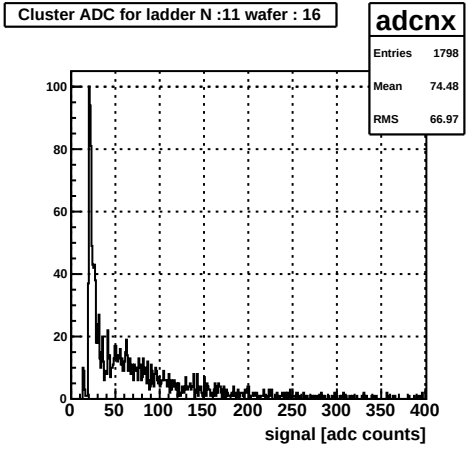

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1957
Mean 74.55
RMS 64.2
signal [adc counts]

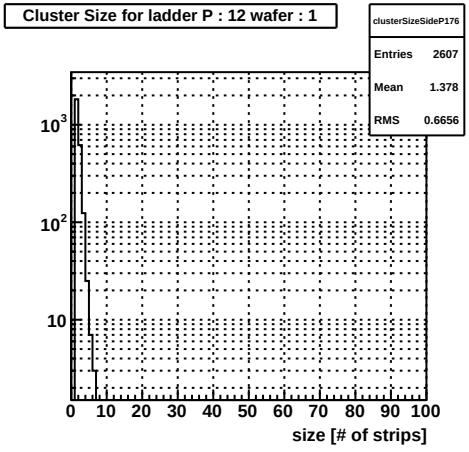

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1389
Mean 1.326
RMS 0.6546
size [# of strips]

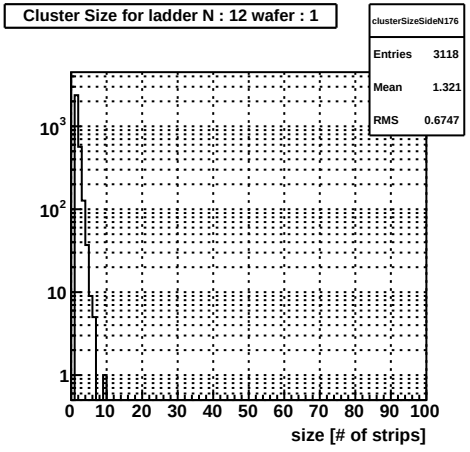

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1798
Mean 1.483
RMS 0.7696
size [# of strips]

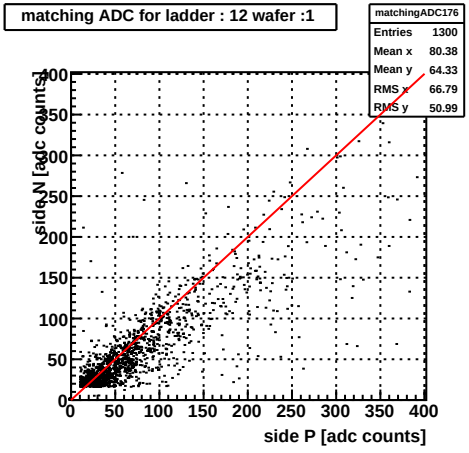

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1011
Mean x 94.98
Mean y 94.65
RMS x 65.9
RMS y 65.54
side N [adc counts]
side P [adc counts]

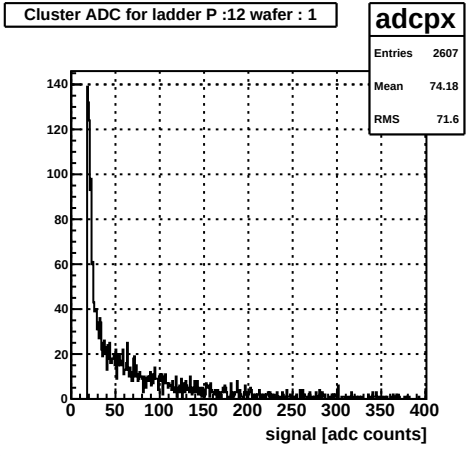

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1389
Mean 76.35
RMS 62.8
signal [adc counts]

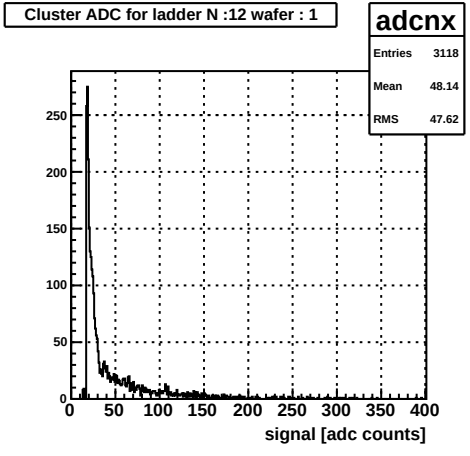

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1798
Mean 74.48
RMS 66.97
signal [adc counts]

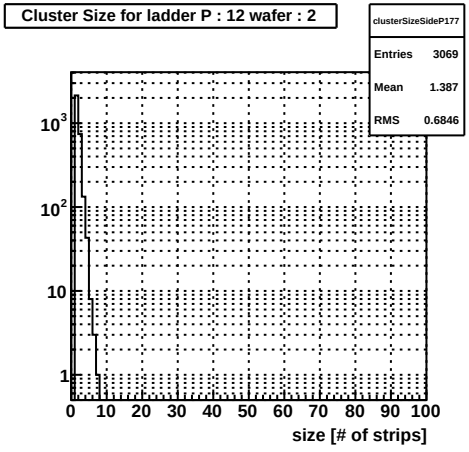

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2607
Mean 1.378
RMS 0.6656
size [# of strips]

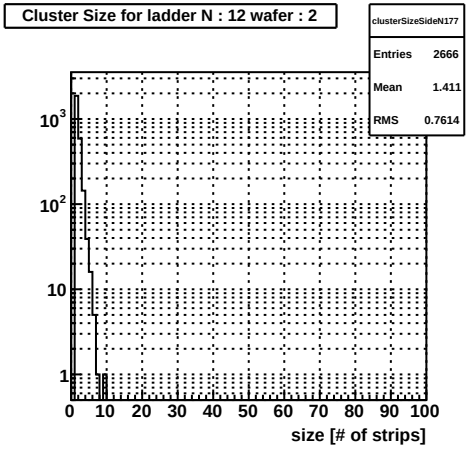

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3118
Mean 1.321
RMS 0.6747
size [# of strips]

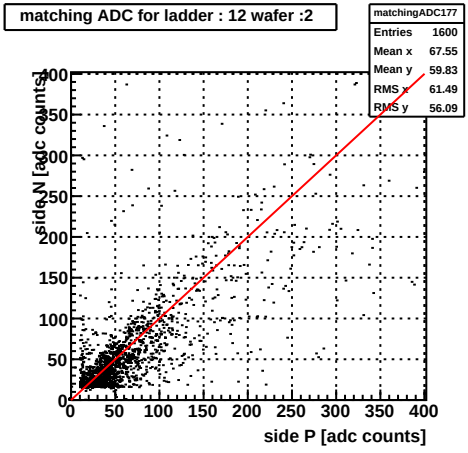

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1300
Mean x 80.38
Mean y 64.33
RMS x 66.79
RMS y 50.99
side N [adc counts]
side P [adc counts]

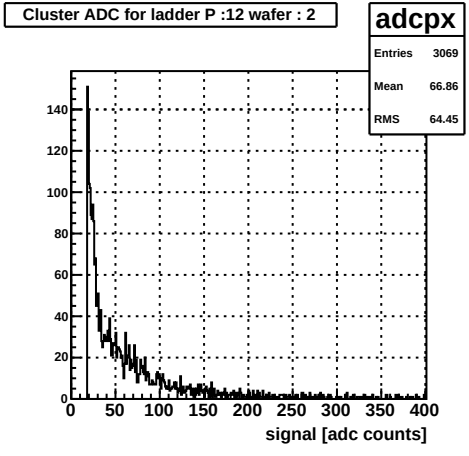

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2607
Mean 74.18
RMS 71.6
signal [adc counts]

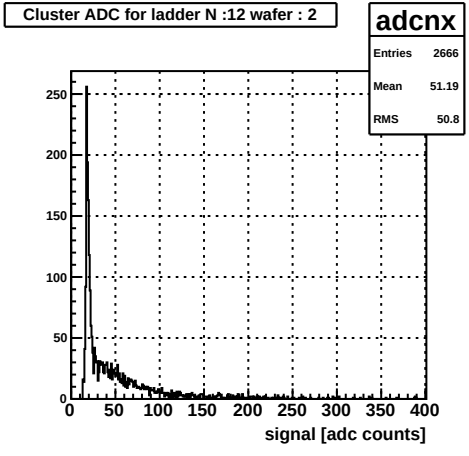

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3118
Mean 48.14
RMS 47.62
signal [adc counts]

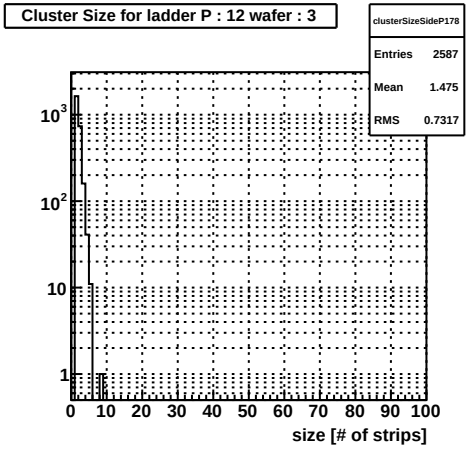

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3069
Mean 1.387
RMS 0.6846
size [# of strips]

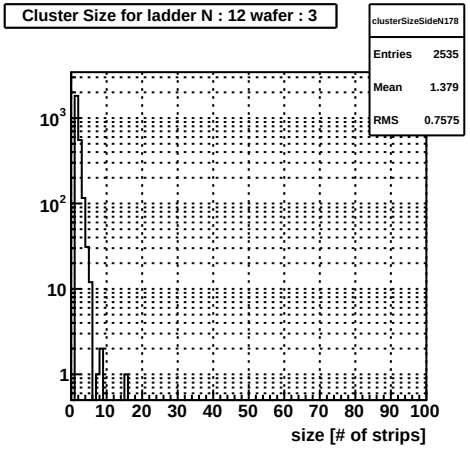

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2666
Mean 1.411
RMS 0.7614
size [# of strips]

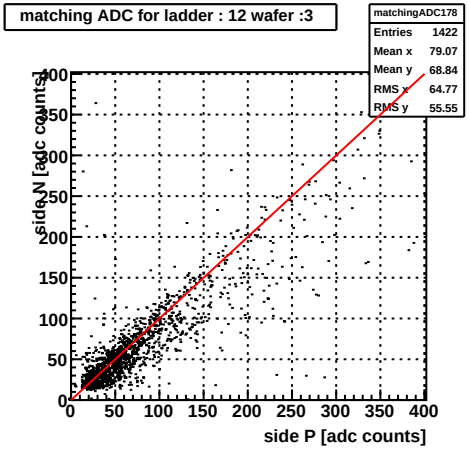

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1600
Mean x 67.55
Mean y 59.83
RMS x 61.49
RMS y 56.09
side N [adc counts]
side P [adc counts]

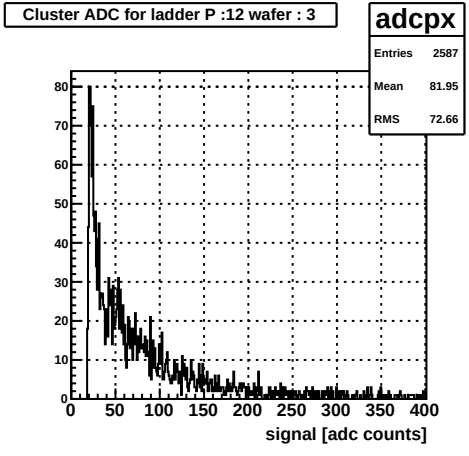

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3069
Mean 66.86
RMS 64.45
signal [adc counts]

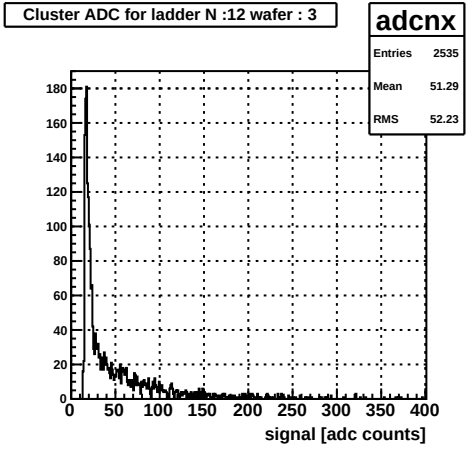

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2666
Mean 51.19
RMS 50.8
signal [adc counts]

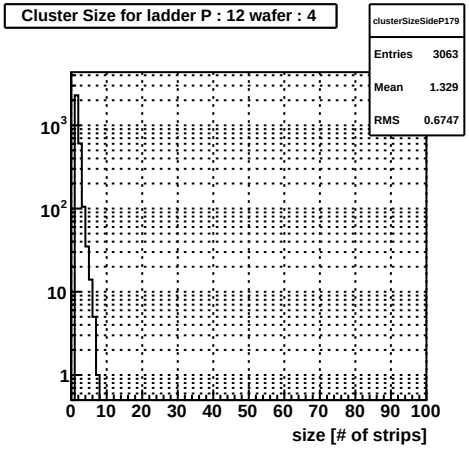

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2587
Mean 1.475
RMS 0.7317
size [# of strips]

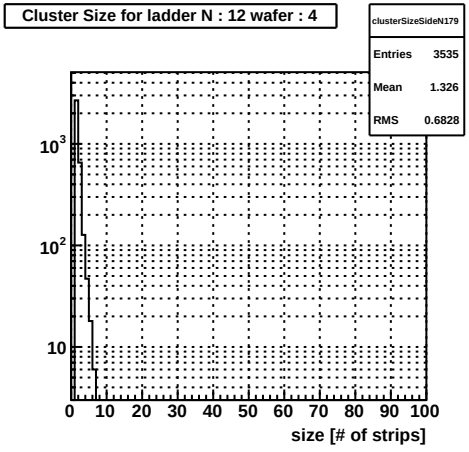

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2535
Mean 1.379
RMS 0.7575
size [# of strips]

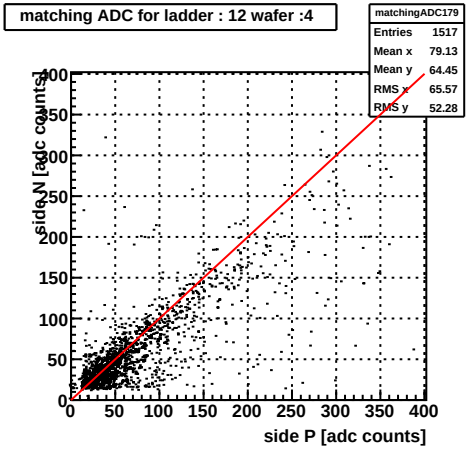

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1422
Mean x 79.07
Mean y 68.84
RMS x 64.77
RMS y 55.55
side N [adc counts]
side P [adc counts]

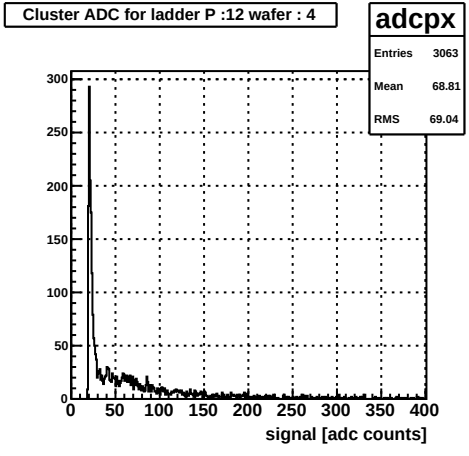

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2587
Mean 81.95
RMS 72.66
signal [adc counts]

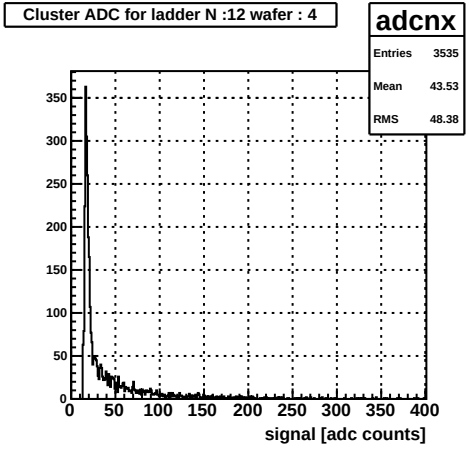

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2535
Mean 51.29
RMS 52.23
signal [adc counts]

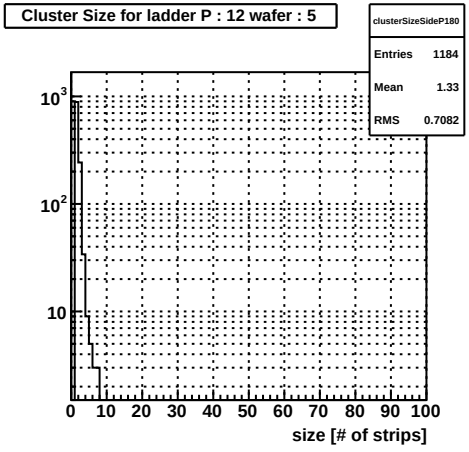

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3063
Mean 1.329
RMS 0.6747
size [# of strips]

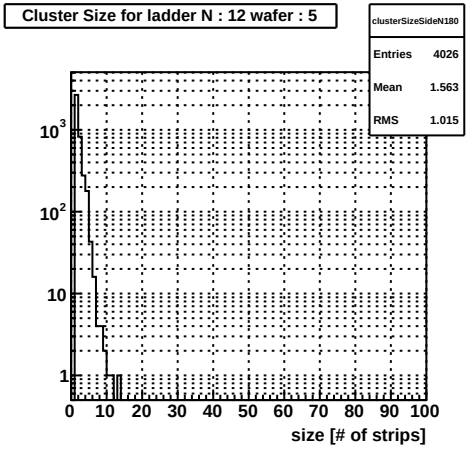

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3535
Mean 1.326
RMS 0.6828
size [# of strips]

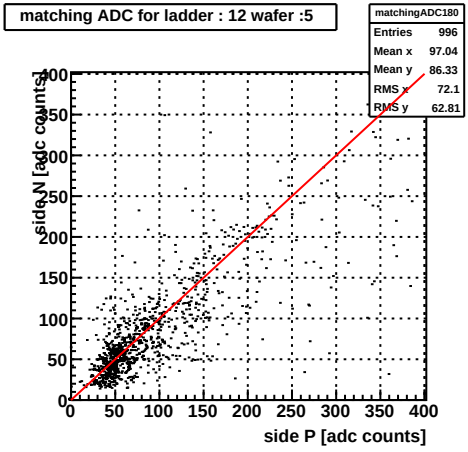

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1517
Mean x 79.13
Mean y 64.45
RMS x 65.57
RMS y 52.28
side N [adc counts]
side P [adc counts]

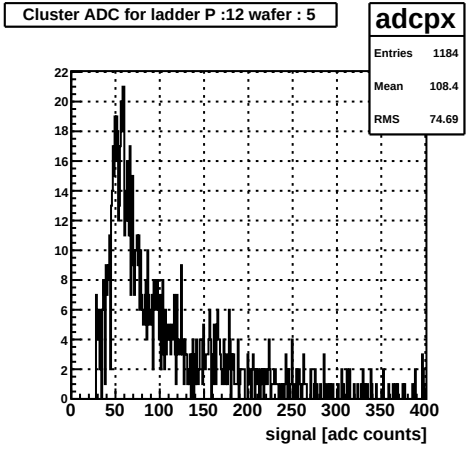

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3063
Mean 68.81
RMS 69.04
signal [adc counts]

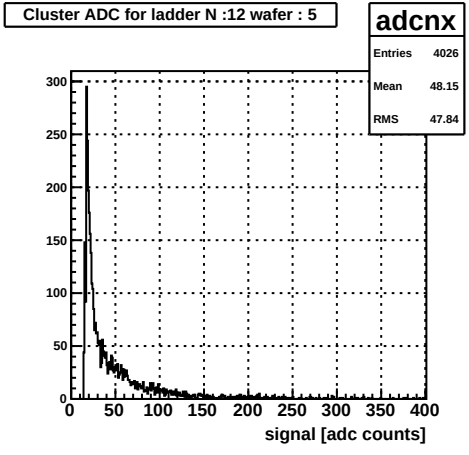

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3535
Mean 43.53
RMS 48.38
signal [adc counts]

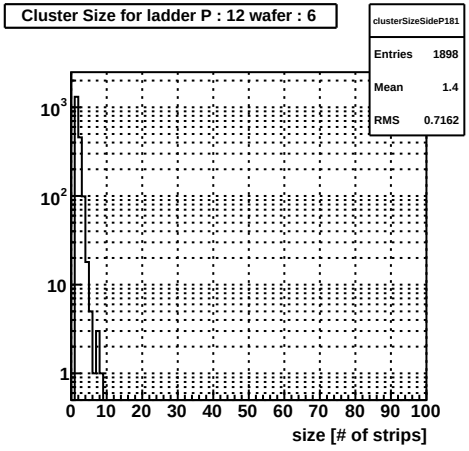

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1184
Mean 1.33
RMS 0.7082
size [# of strips]

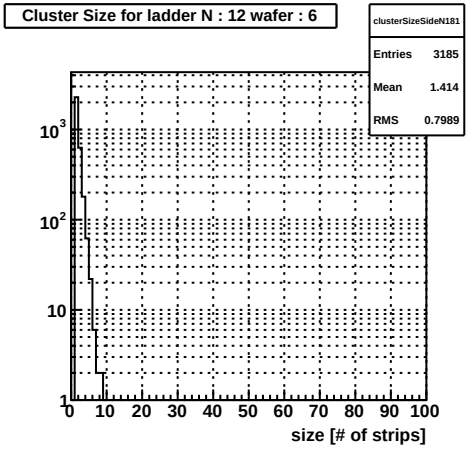

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4026
Mean 1.563
RMS 1.015
size [# of strips]

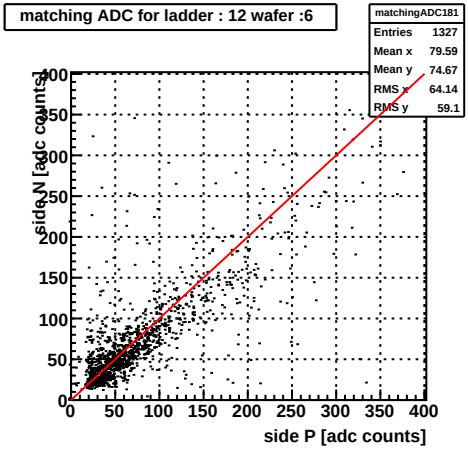

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 996
Mean x 97.04
Mean y 86.33
RMS x 72.1
RMS y 62.81
side N [adc counts]
side P [adc counts]

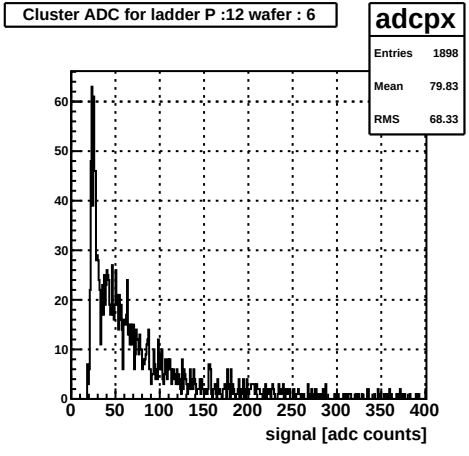

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1184
Mean 108.4
RMS 74.69
signal [adc counts]

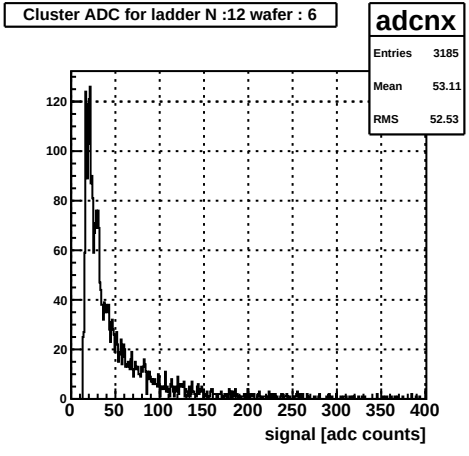

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4026
Mean 48.15
RMS 47.84
signal [adc counts]

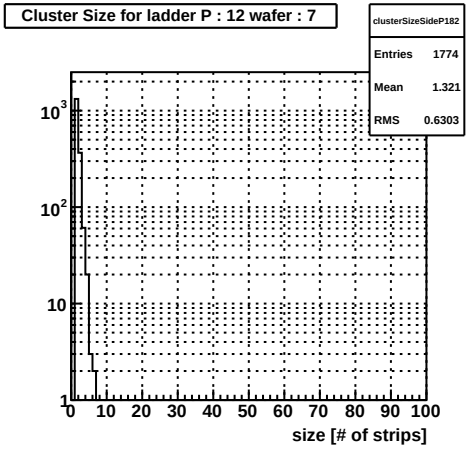

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1898
Mean 1.4
RMS 0.7162
size [# of strips]

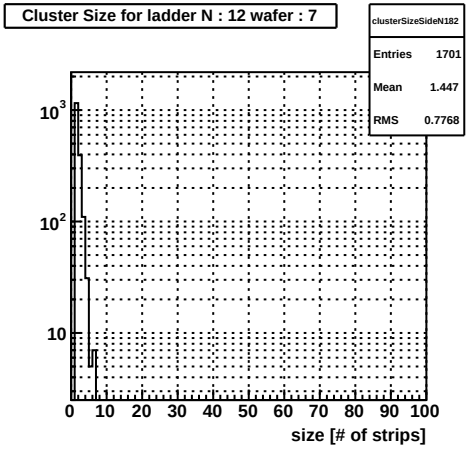

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 3185
Mean 1.414
RMS 0.7989
size [# of strips]

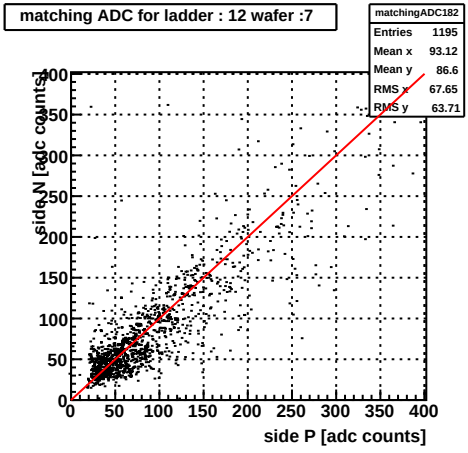

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1327
Mean x 79.59
Mean y 74.67
RMS x 64.14
RMS y 59.1
side N [adc counts]
side P [adc counts]

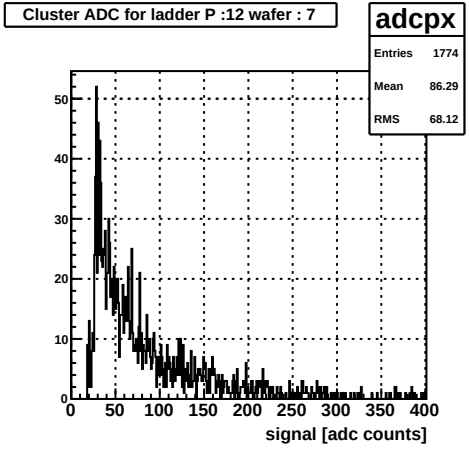

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1898
Mean 79.83
RMS 68.33
signal [adc counts]

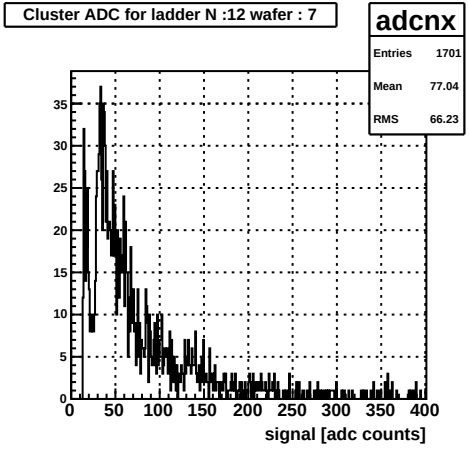

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 3185
Mean 53.11
RMS 52.53
signal [adc counts]

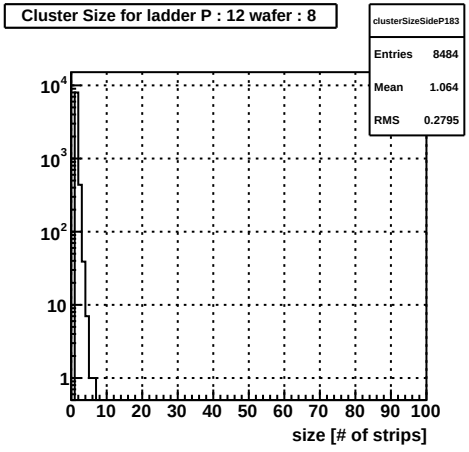

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1774
Mean 1.321
RMS 0.6303
size [# of strips]

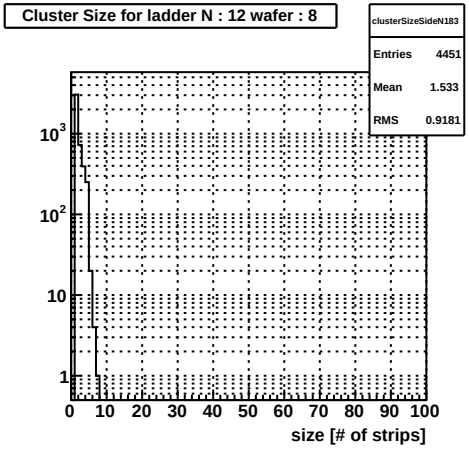

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1701
Mean 1.447
RMS 0.7768
size [# of strips]

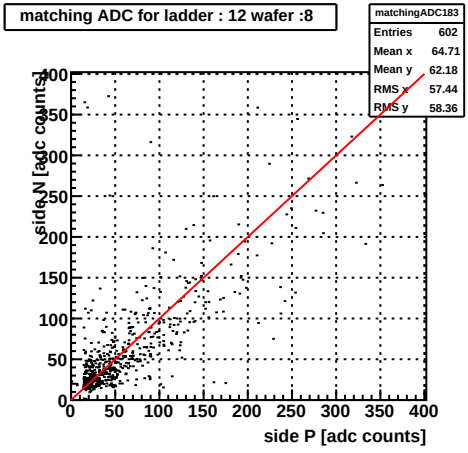

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1195
Mean x 93.12
Mean y 86.6
RMS x 67.65
RMS y 63.71
side N [adc counts]
side P [adc counts]

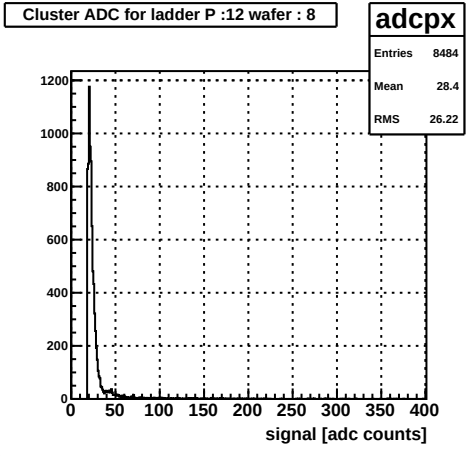

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1774
Mean 86.29
RMS 68.12
signal [adc counts]

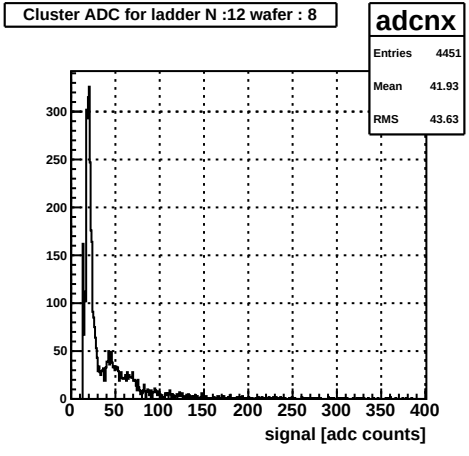

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1701
Mean 77.04
RMS 66.23
signal [adc counts]

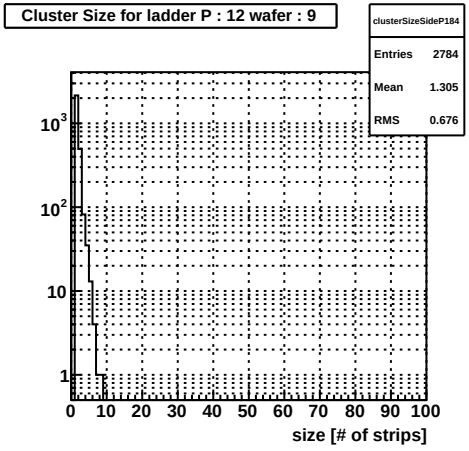

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 8484
Mean 1.064
RMS 0.2795
size [# of strips]

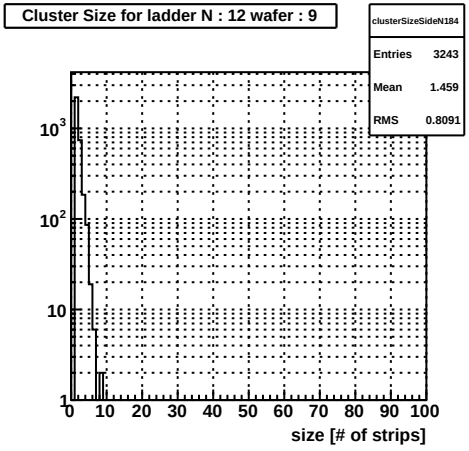

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 4451
Mean 1.533
RMS 0.9181
size [# of strips]

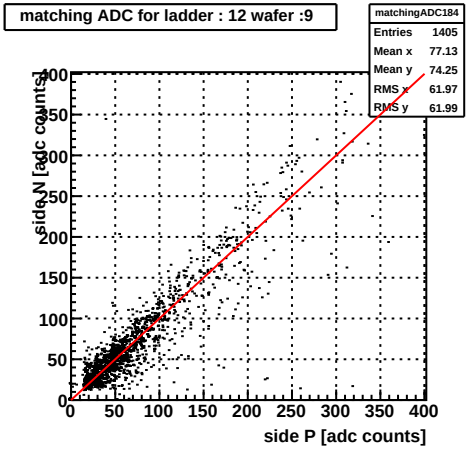

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 602
Mean x 64.71
Mean y 62.18
RMS x 57.44
RMS y 58.36
side N [adc counts]
side P [adc counts]

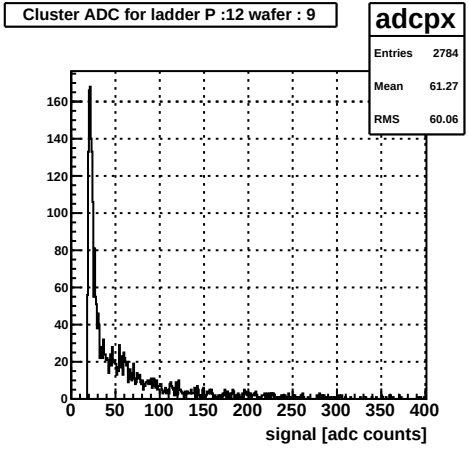

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 8484
Mean 28.4
RMS 26.22
signal [adc counts]

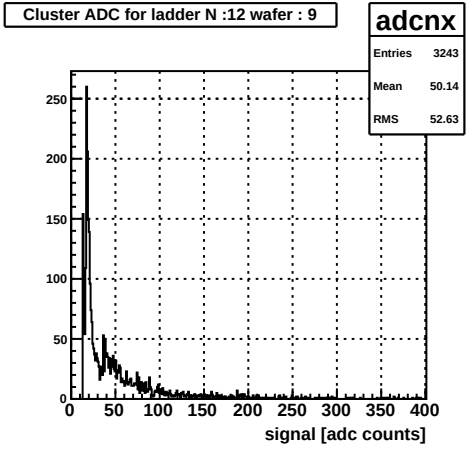

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 4451
Mean 41.93
RMS 43.63
signal [adc counts]

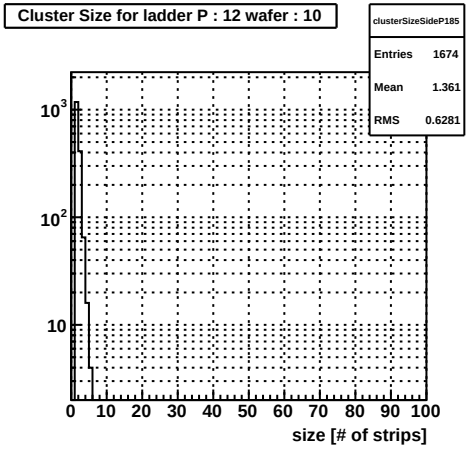

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2784
Mean 1.305
RMS 0.676
size [# of strips]

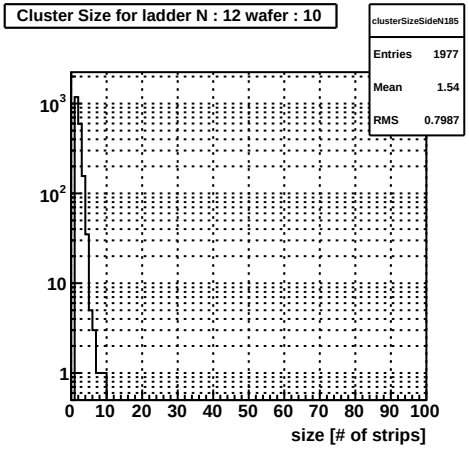

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3243
Mean 1.459
RMS 0.8091
size [# of strips]

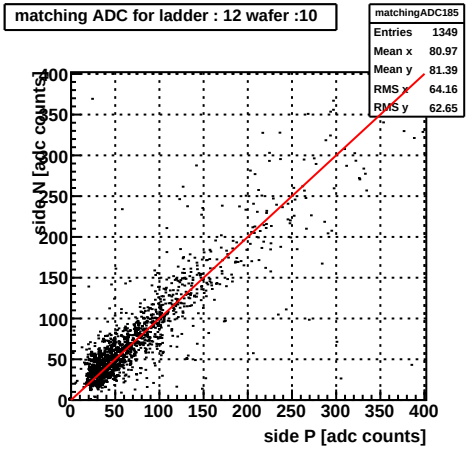

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1405
Mean x 77.13
Mean y 74.25
RMS x 61.97
RMS y 61.99
side N [adc counts]
side P [adc counts]

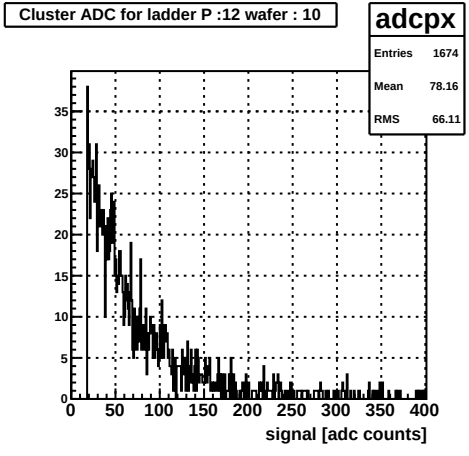

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2784
Mean 61.27
RMS 60.06
signal [adc counts]

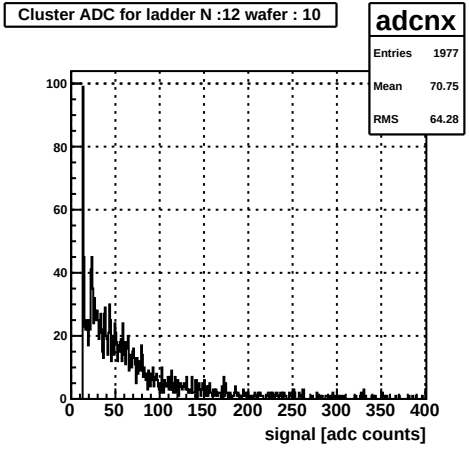

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3243
Mean 50.14
RMS 52.63
signal [adc counts]

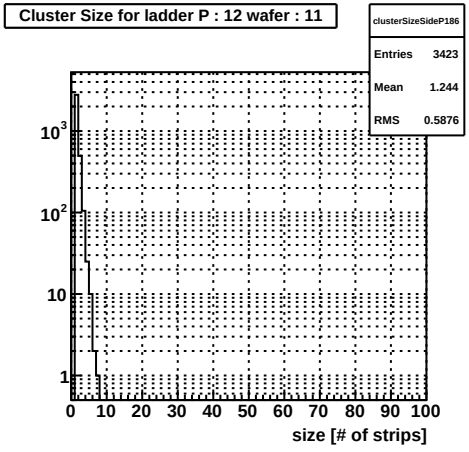

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1674
Mean 1.361
RMS 0.6281
size [# of strips]

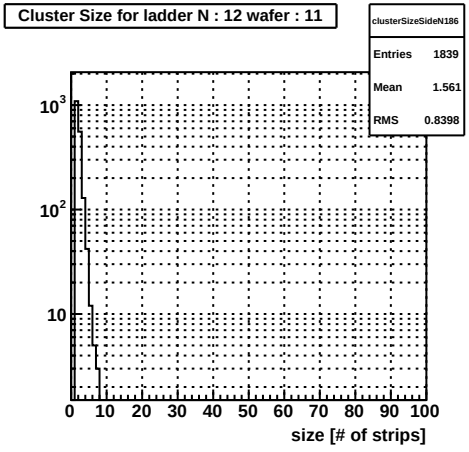

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1977
Mean 1.54
RMS 0.7987
size [# of strips]

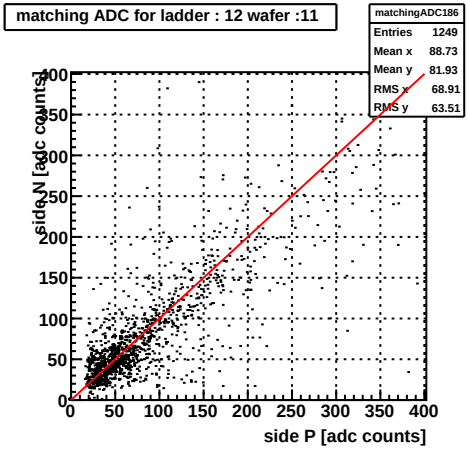

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1349
Mean x 80.97
Mean y 81.39
RMS x 64.16
RMS y 62.65
side N [adc counts]
side P [adc counts]

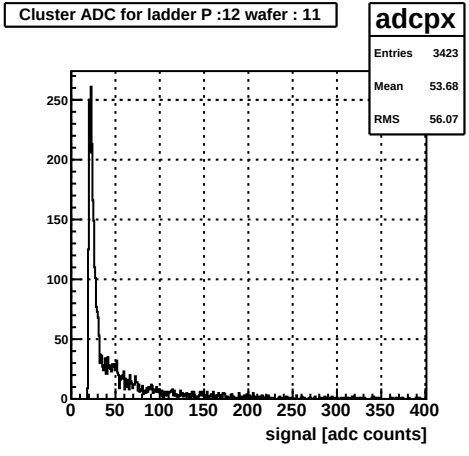

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1674
Mean 78.16
RMS 66.11
signal [adc counts]

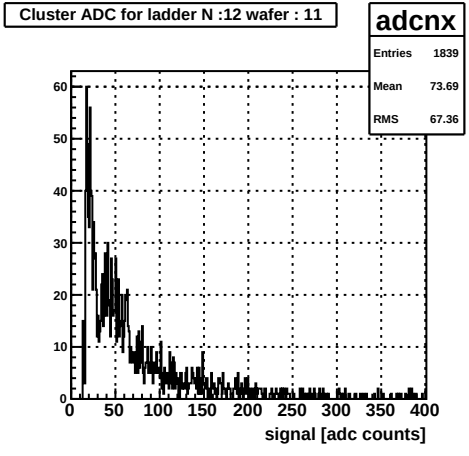

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1977
Mean 70.75
RMS 64.28
signal [adc counts]

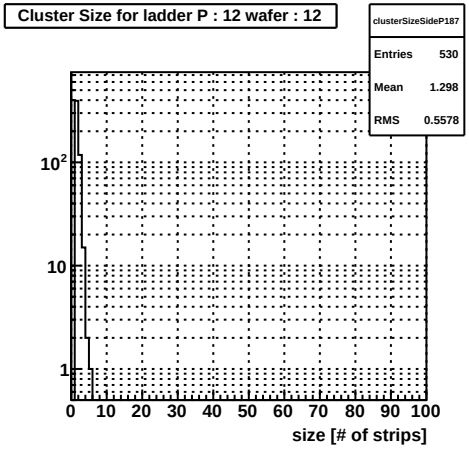

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3423
Mean 1.244
RMS 0.5876
size [# of strips]

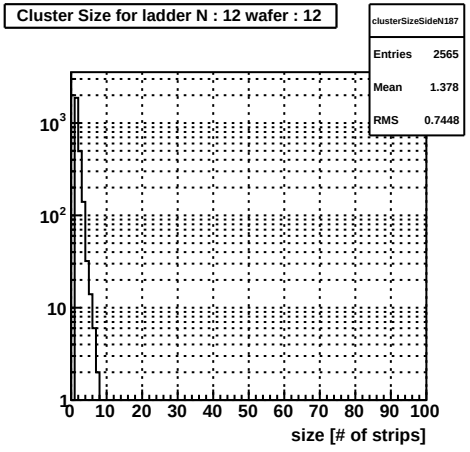

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1839
Mean 1.561
RMS 0.8398
size [# of strips]

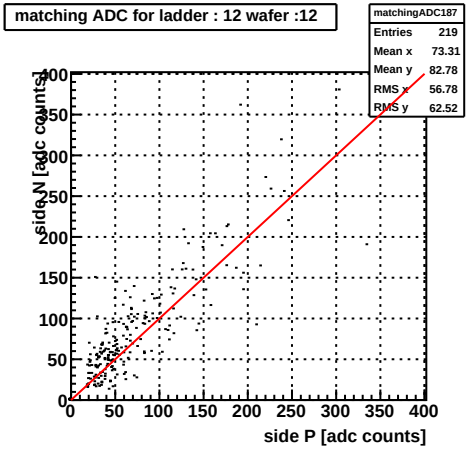

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1249
Mean x 88.73
Mean y 81.93
RMS x 68.91
RMS y 63.51
side N [adc counts]
side P [adc counts]

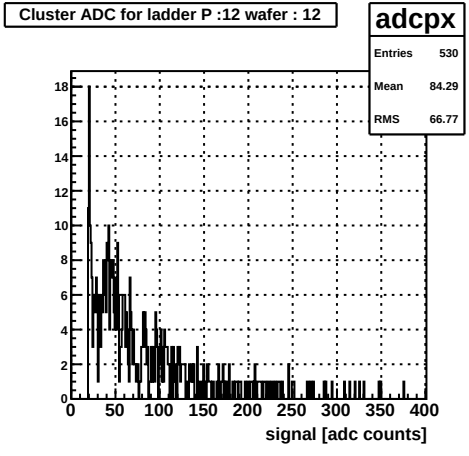

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3423
Mean 53.68
RMS 56.07
signal [adc counts]

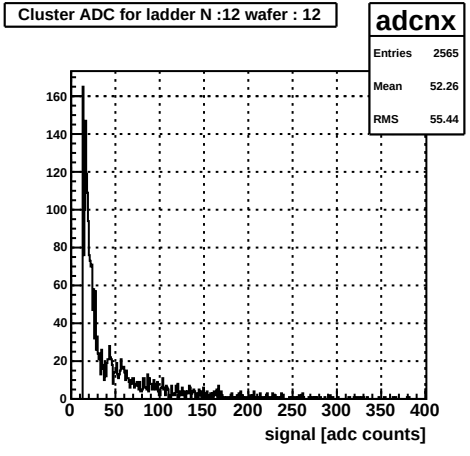

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1839
Mean 73.69
RMS 67.36
signal [adc counts]

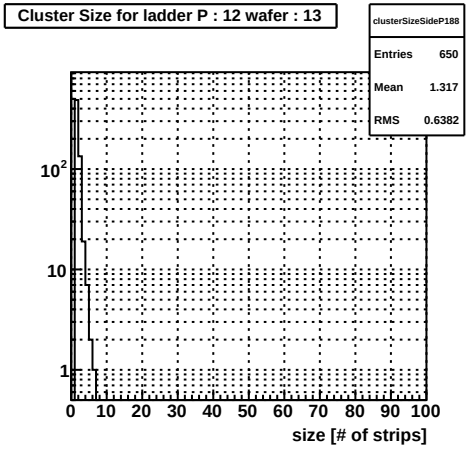

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 530
Mean 1.298
RMS 0.5578
size [# of strips]

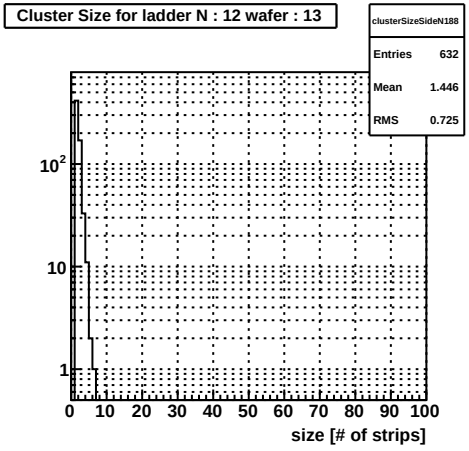

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2565
Mean 1.378
RMS 0.7448
size [# of strips]

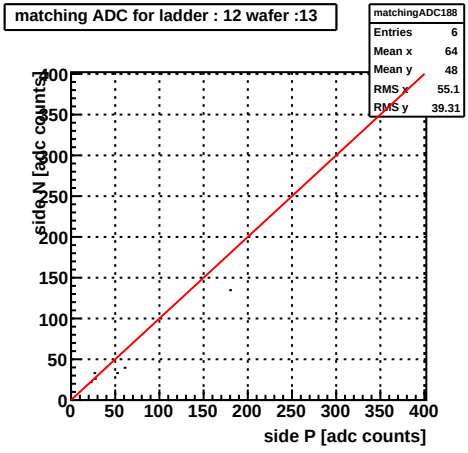

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 219
Mean x 73.31
Mean y 82.78
RMS x 56.78
RMS y 62.52
side N [adc counts]
side P [adc counts]

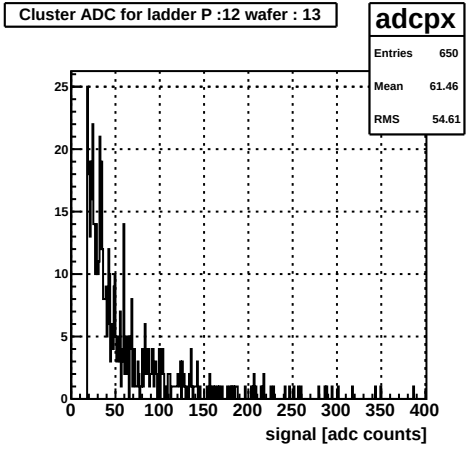

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 530
Mean 84.29
RMS 66.77
signal [adc counts]

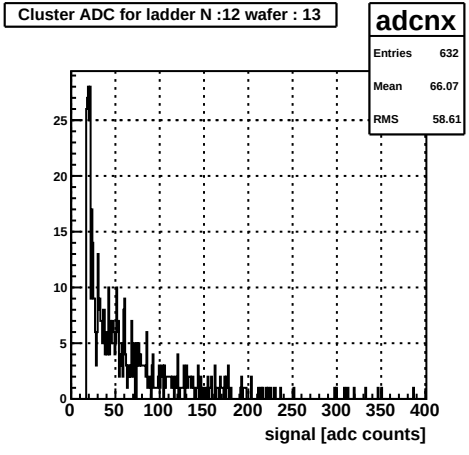

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2565
Mean 52.26
RMS 55.44
signal [adc counts]

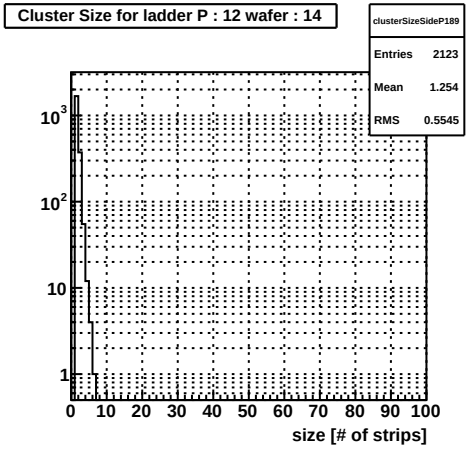

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 650
Mean 1.317
RMS 0.6382
size [# of strips]

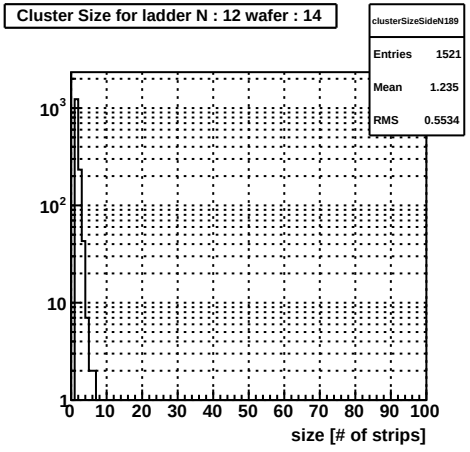

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 632
Mean 1.446
RMS 0.725
size [# of strips]

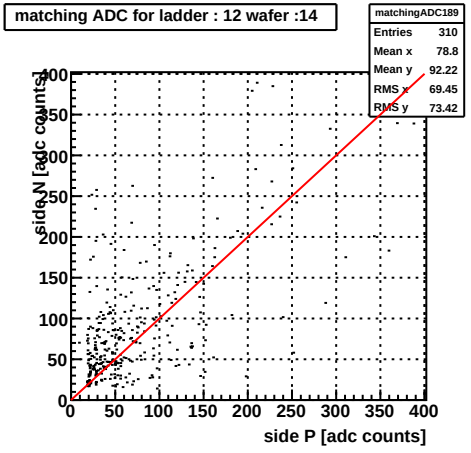

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 6
Mean x 64
Mean y 48
RMS x 55.1
RMS y 39.31
side N [adc counts]
side P [adc counts]

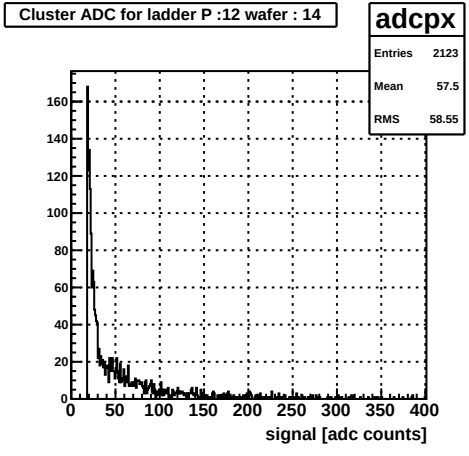

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 650
Mean 61.46
RMS 54.61
signal [adc counts]

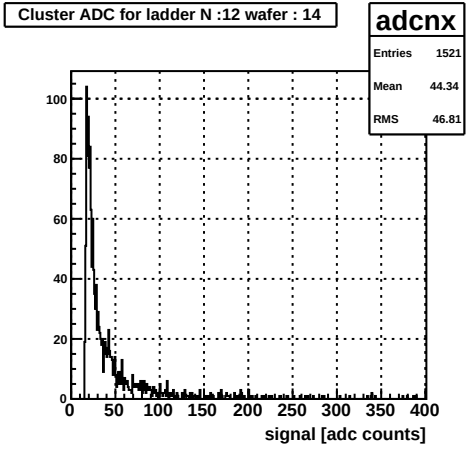

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 632
Mean 66.07
RMS 58.61
signal [adc counts]

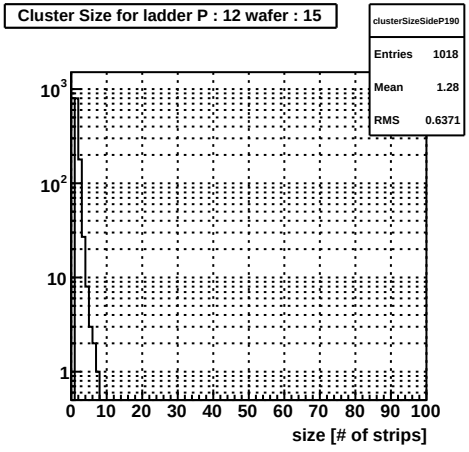

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2123
Mean 1.254
RMS 0.5545
size [# of strips]

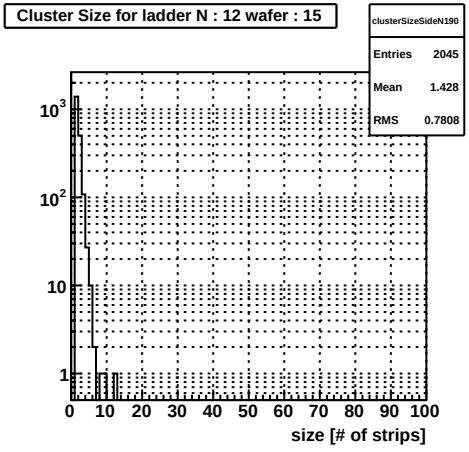

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1521
Mean 1.235
RMS 0.5534
size [# of strips]

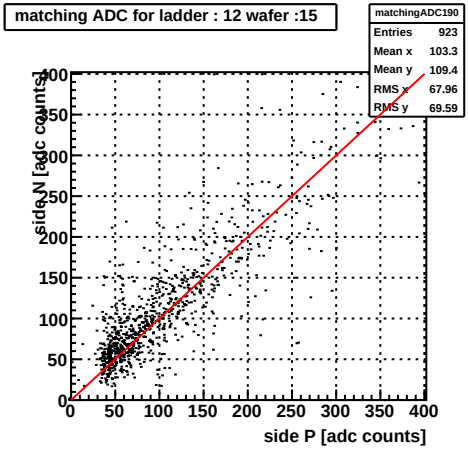

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 310
Mean x 78.8
Mean y 92.22
RMS x 69.45
RMS y 73.42
side N [adc counts]
side P [adc counts]

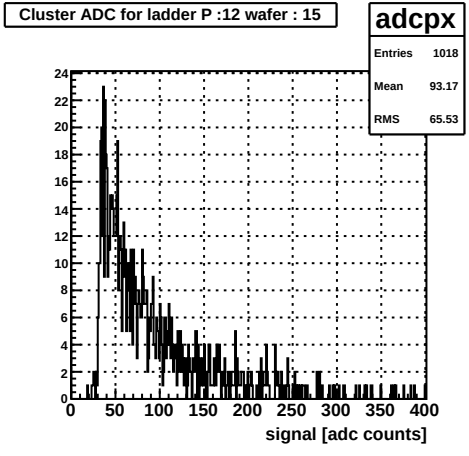

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2123
Mean 57.5
RMS 58.55
signal [adc counts]

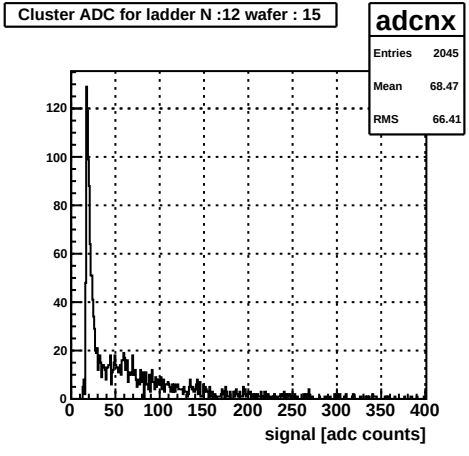

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1521
Mean 44.34
RMS 46.81
signal [adc counts]

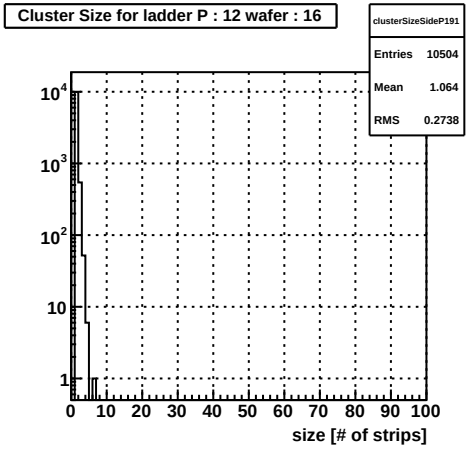

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1018
Mean 1.28
RMS 0.6371
size [# of strips]

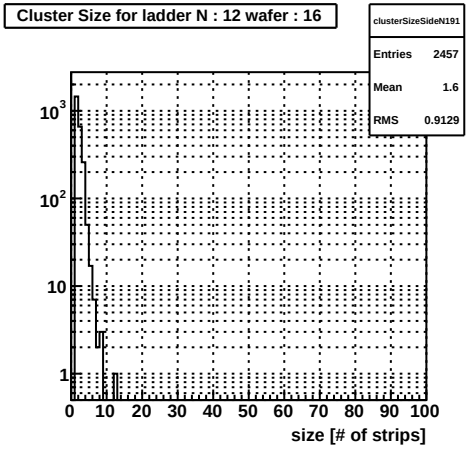

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2045
Mean 1.428
RMS 0.7808
size [# of strips]

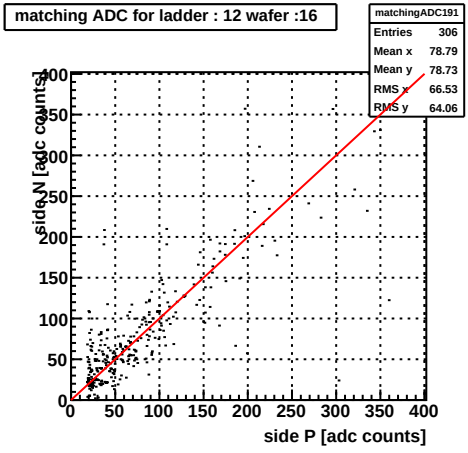

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 923
Mean x 103.3
Mean y 109.4
RMS x 67.96
RMS y 69.59
side N [adc counts]
side P [adc counts]

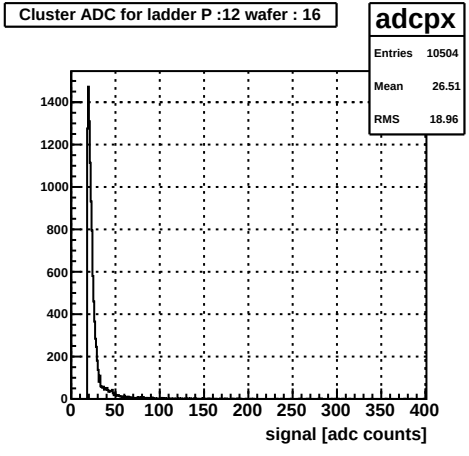

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1018
Mean 93.17
RMS 65.53
signal [adc counts]

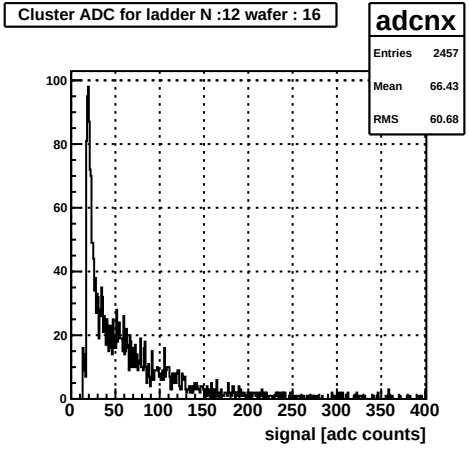

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2045
Mean 68.47
RMS 66.41
signal [adc counts]

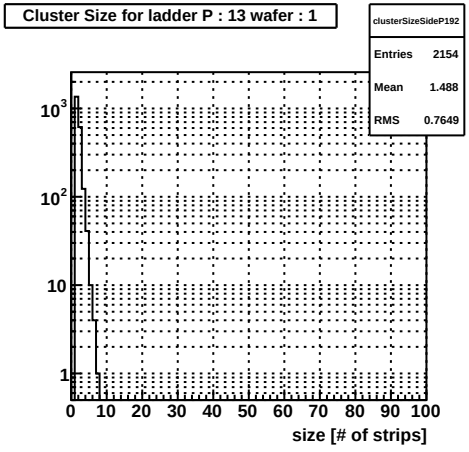

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10504
Mean 1.064
RMS 0.2738
size [# of strips]

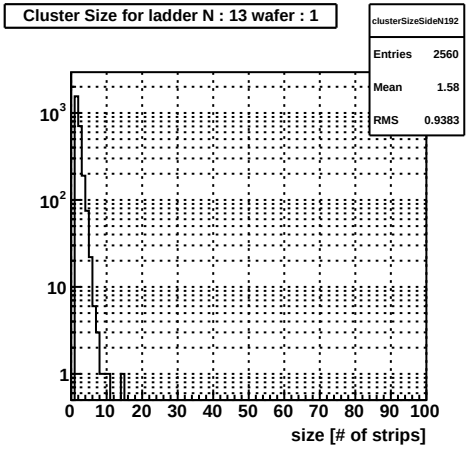

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2457
Mean 1.6
RMS 0.9129
size [# of strips]

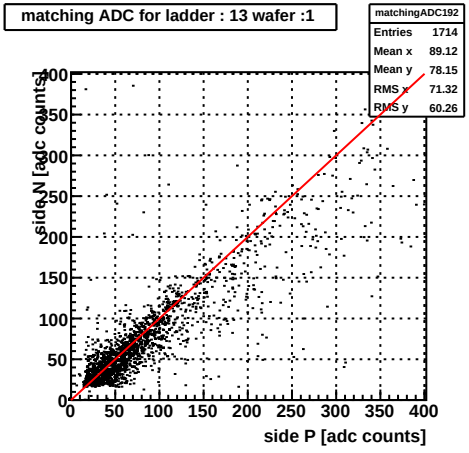

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 306
Mean x 78.79
Mean y 78.73
RMS x 66.53
RMS y 64.06
side N [adc counts]
side P [adc counts]

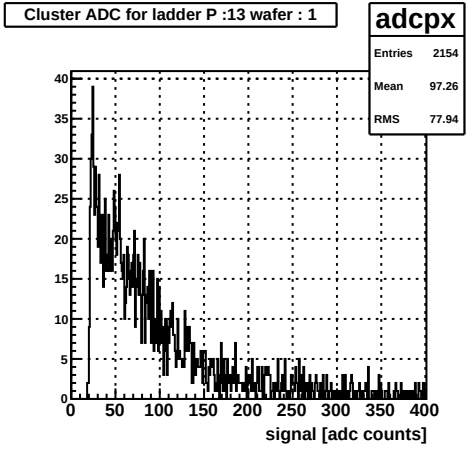

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10504
Mean 26.51
RMS 18.96
signal [adc counts]

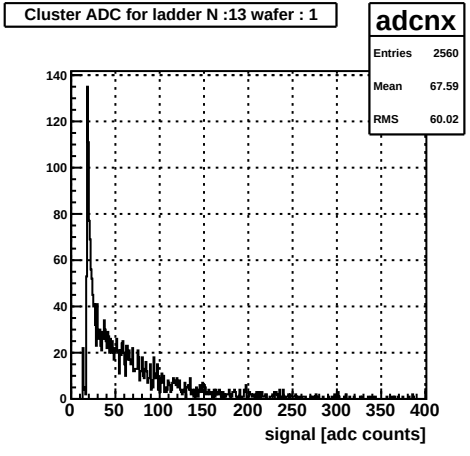

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2457
Mean 66.43
RMS 60.68
signal [adc counts]

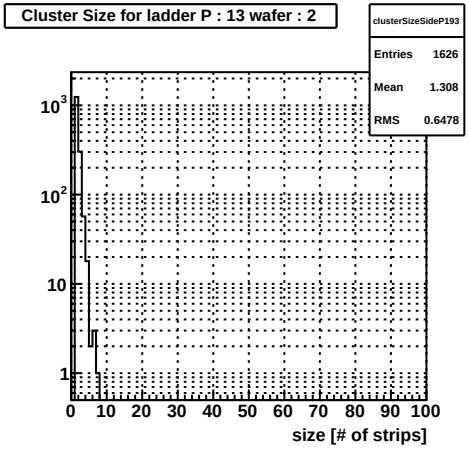

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2154
Mean 1.488
RMS 0.7649
size [# of strips]

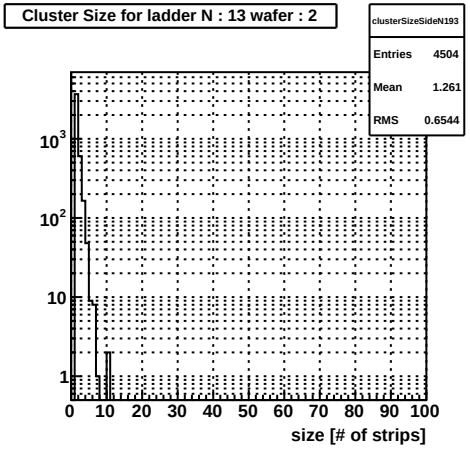

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2560
Mean 1.58
RMS 0.9383
size [# of strips]

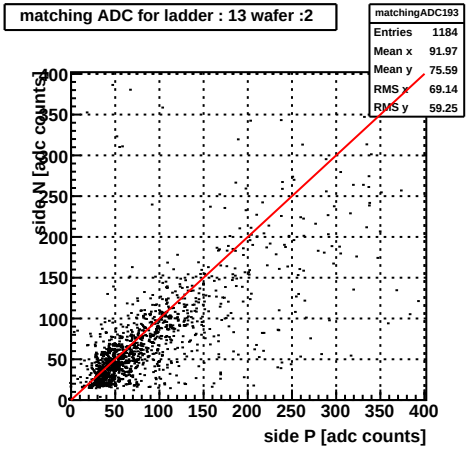

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1714
Mean x 89.12
Mean y 78.15
RMS x 71.32
RMS y 60.26
side N [adc counts]
side P [adc counts]

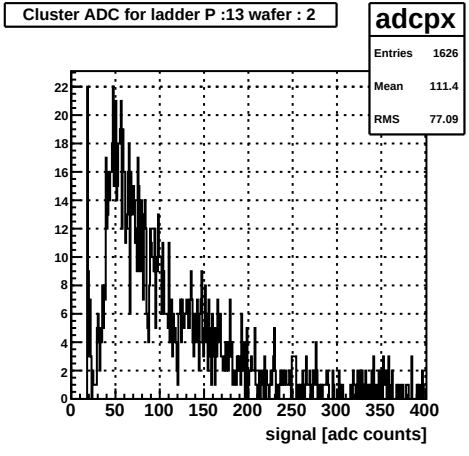

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2154
Mean 97.26
RMS 77.94
signal [adc counts]

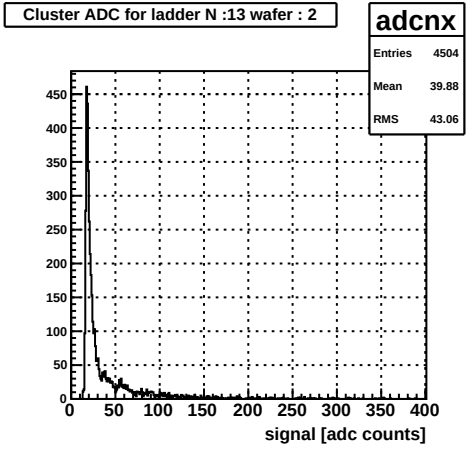

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2560
Mean 67.59
RMS 60.02
signal [adc counts]

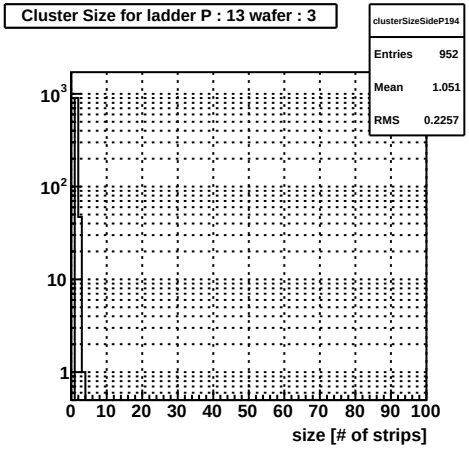

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1626
Mean 1.308
RMS 0.6478
size [# of strips]

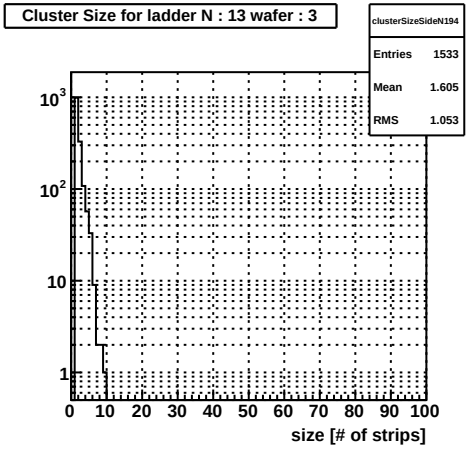

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4504
Mean 1.261
RMS 0.6544
size [# of strips]

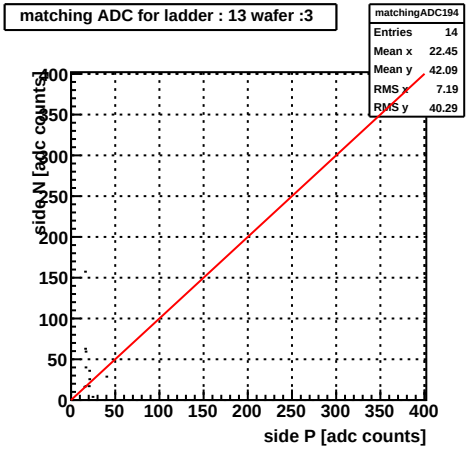

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1184
Mean x 91.97
Mean y 75.59
RMS x 69.14
RMS y 59.25
side N [adc counts]
side P [adc counts]

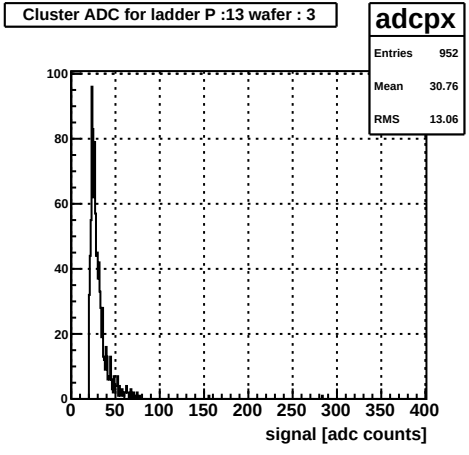

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1626
Mean 111.4
RMS 77.09
signal [adc counts]

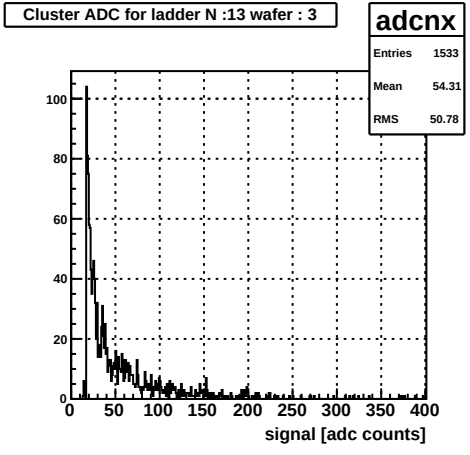

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4504
Mean 39.88
RMS 43.06
signal [adc counts]

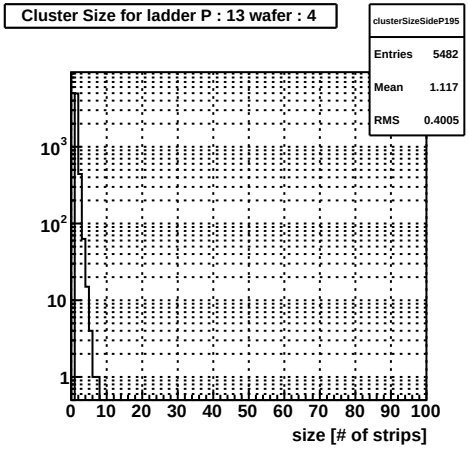

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 952
Mean 1.051
RMS 0.2257
size [# of strips]

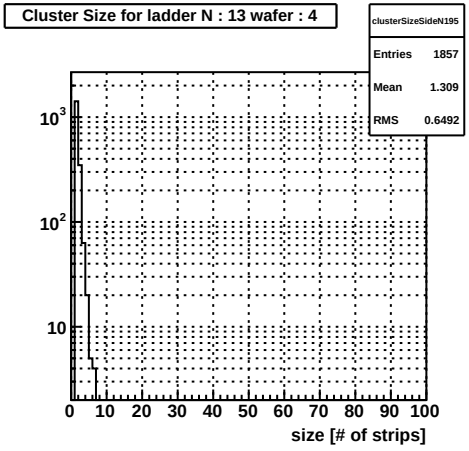

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1533
Mean 1.605
RMS 1.053
size [# of strips]

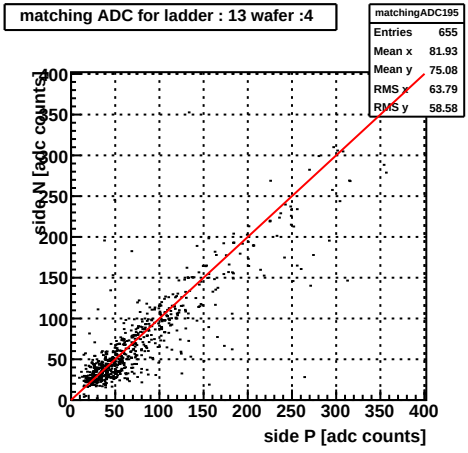

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 14
Mean x 22.45
Mean y 42.09
RMS x 7.19
RMS y 40.29
side N [adc counts]
side P [adc counts]

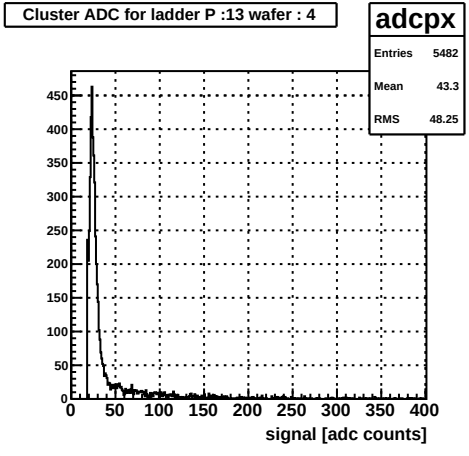

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 952
Mean 30.76
RMS 13.06
signal [adc counts]

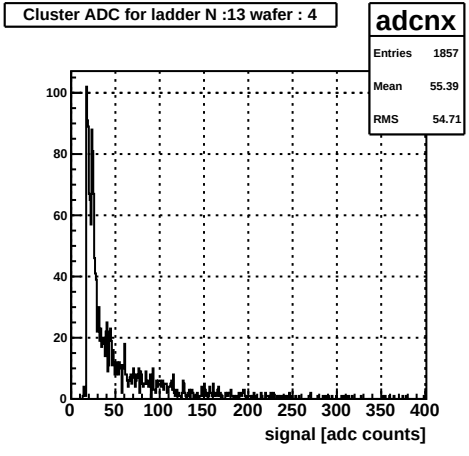

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1533
Mean 54.31
RMS 50.78
signal [adc counts]

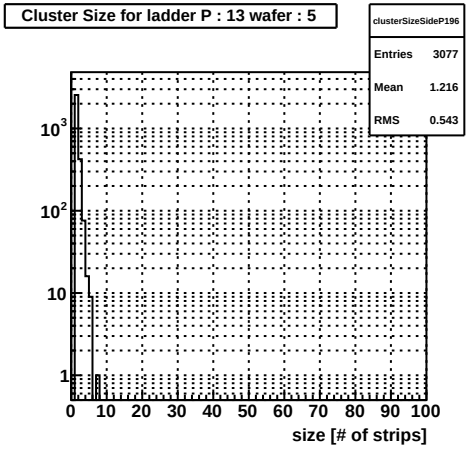

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 5482
Mean 1.117
RMS 0.4005
size [# of strips]

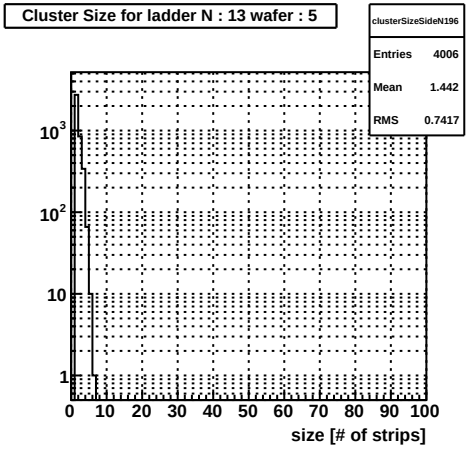

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1857
Mean 1.309
RMS 0.6492
size [# of strips]

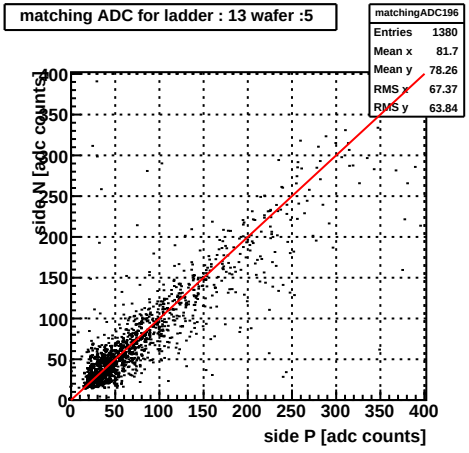

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 655
Mean x 81.93
Mean y 75.08
RMS x 63.79
RMS y 58.58
side N [adc counts]
side P [adc counts]

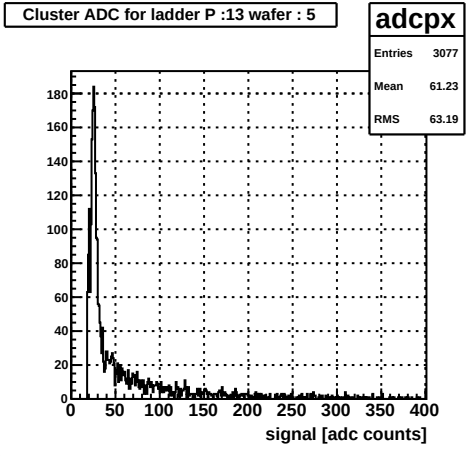

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 5482
Mean 43.3
RMS 48.25
signal [adc counts]

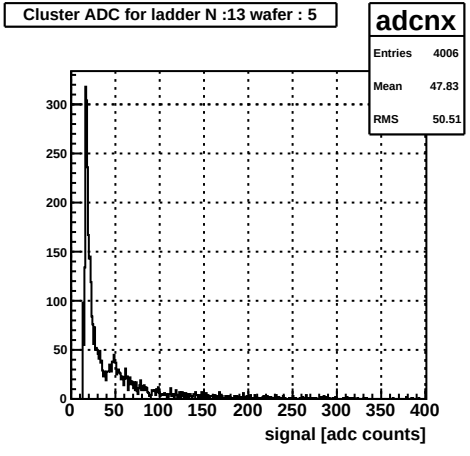

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1857
Mean 55.39
RMS 54.71
signal [adc counts]

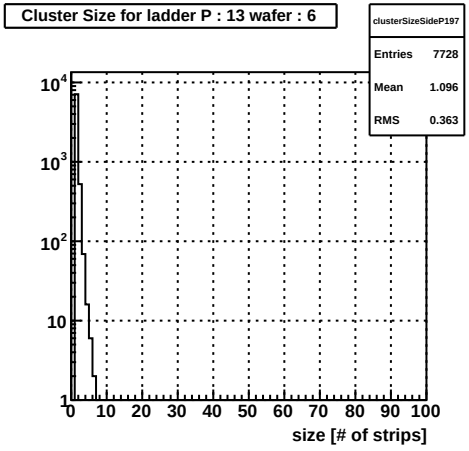

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 3077
Mean 1.216
RMS 0.543
size [# of strips]

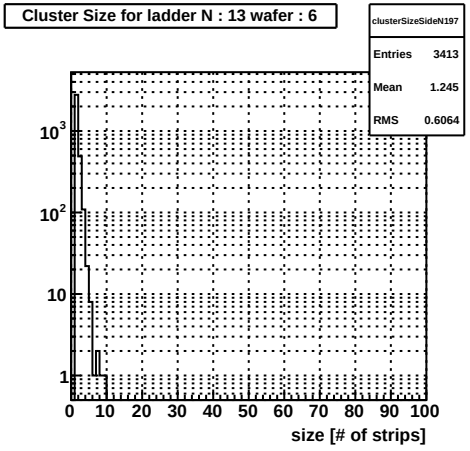

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4006
Mean 1.442
RMS 0.7417
size [# of strips]

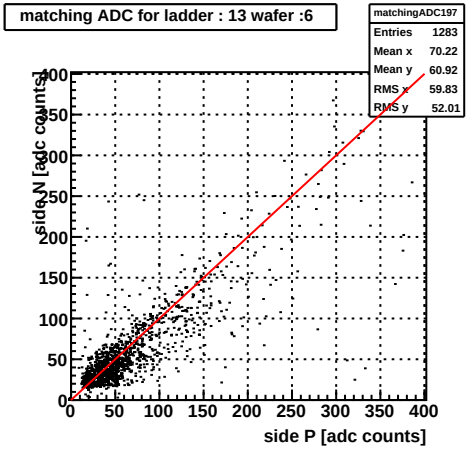

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1380
Mean x 81.7
Mean y 78.26
RMS x 67.37
RMS y 63.84
side N [adc counts]
side P [adc counts]

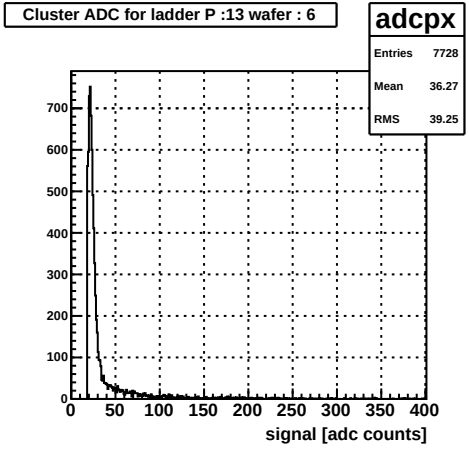

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 3077
Mean 61.23
RMS 63.19
signal [adc counts]

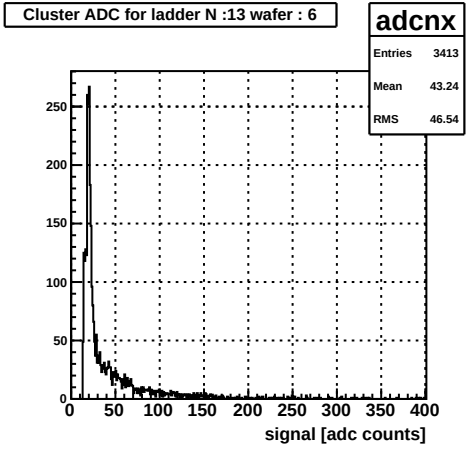

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4006
Mean 47.83
RMS 50.51
signal [adc counts]

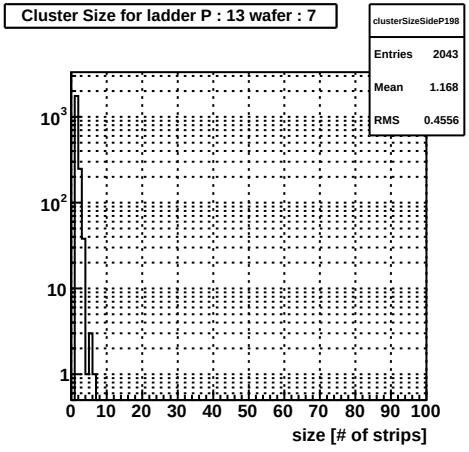

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7728
Mean 1.096
RMS 0.363
size [# of strips]

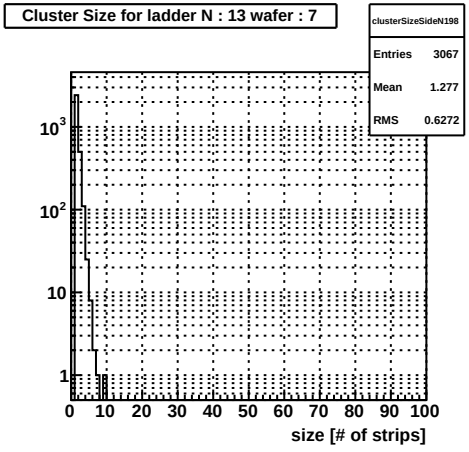

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3413
Mean 1.245
RMS 0.6064
size [# of strips]

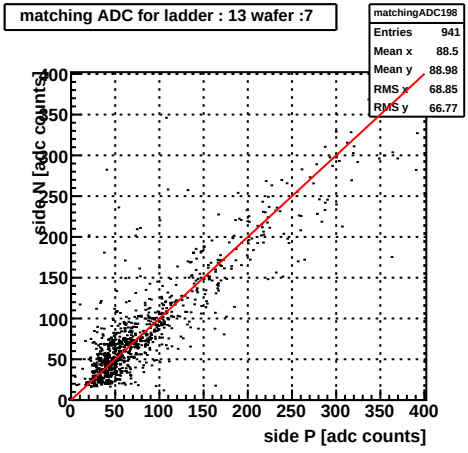

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1283
Mean x 70.22
Mean y 60.92
RMS x 59.83
RMS y 52.01
side N [adc counts]
side P [adc counts]

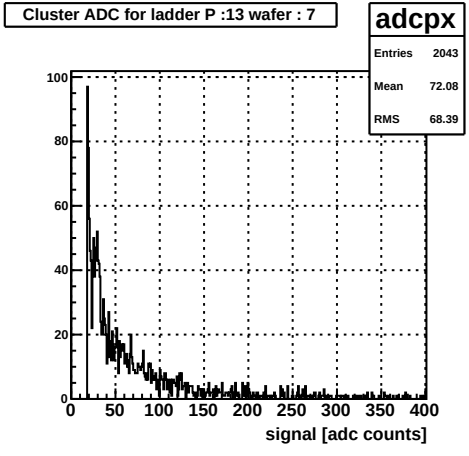

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7728
Mean 36.27
RMS 39.25
signal [adc counts]

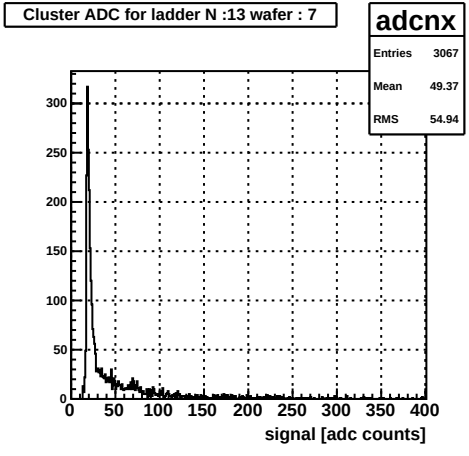

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3413
Mean 43.24
RMS 46.54
signal [adc counts]

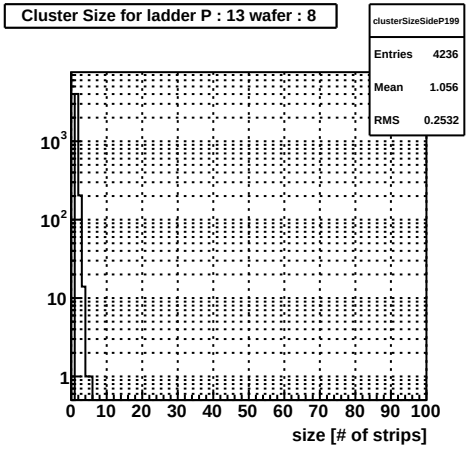

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2043
Mean 1.168
RMS 0.4556
size [# of strips]

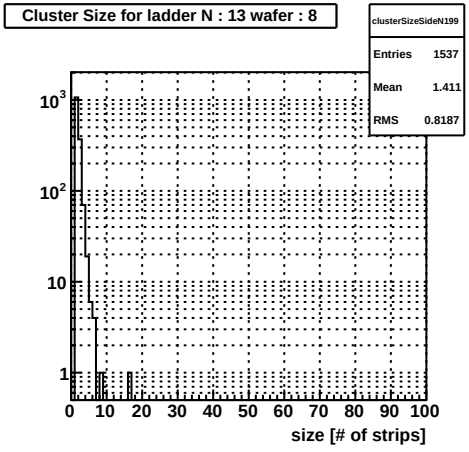

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3067
Mean 1.277
RMS 0.6272
size [# of strips]

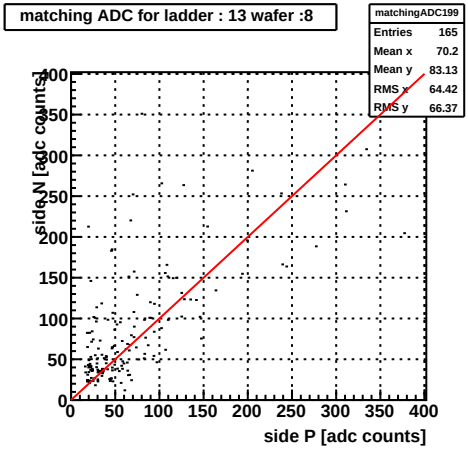

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 941
Mean x 88.5
Mean y 88.98
RMS x 68.85
RMS y 66.77
side N [adc counts]
side P [adc counts]

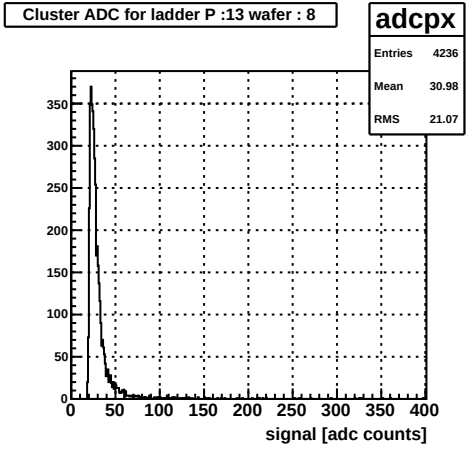

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2043
Mean 72.08
RMS 68.39
signal [adc counts]

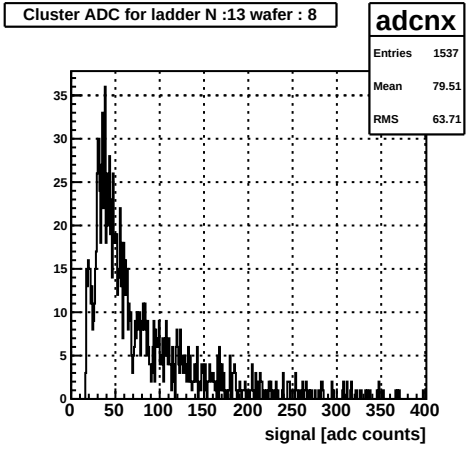

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3067
Mean 49.37
RMS 54.94
signal [adc counts]

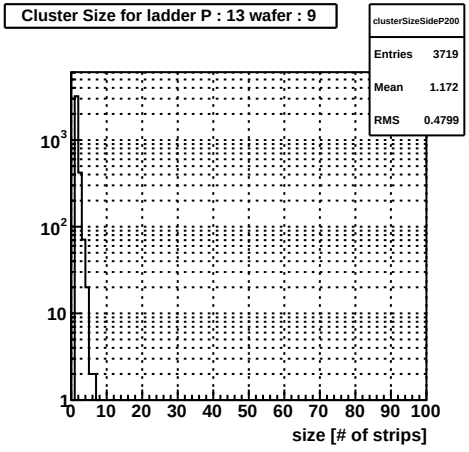

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4236
Mean 1.056
RMS 0.2532
size [# of strips]

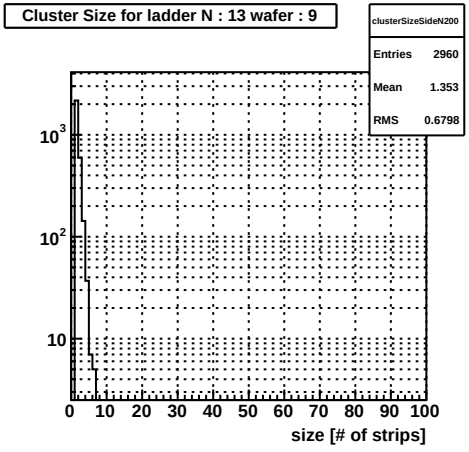

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1537
Mean 1.411
RMS 0.8187
size [# of strips]

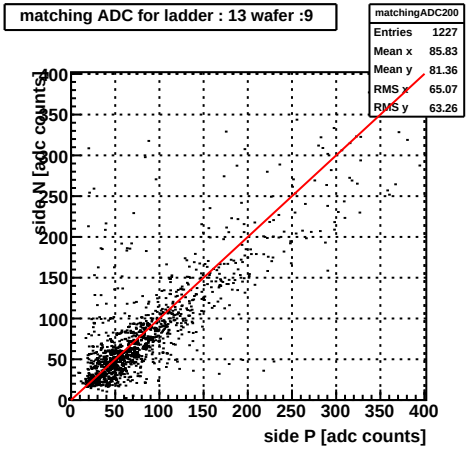

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 165
Mean x 70.2
Mean y 83.13
RMS x 64.42
RMS y 66.37
side N [adc counts]
side P [adc counts]

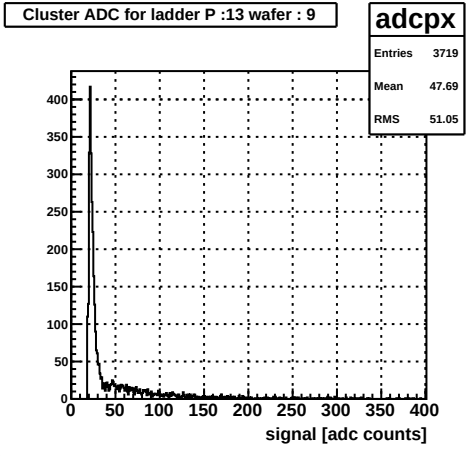

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4236
Mean 30.98
RMS 21.07
signal [adc counts]

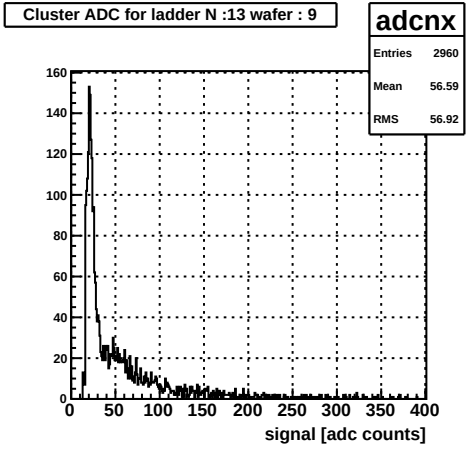

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1537
Mean 79.51
RMS 63.71
signal [adc counts]

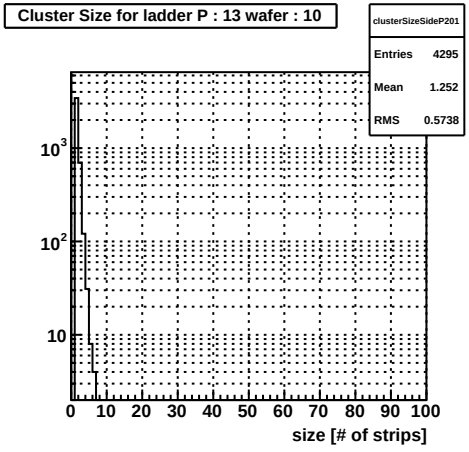

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 3719
Mean 1.172
RMS 0.4799
size [# of strips]

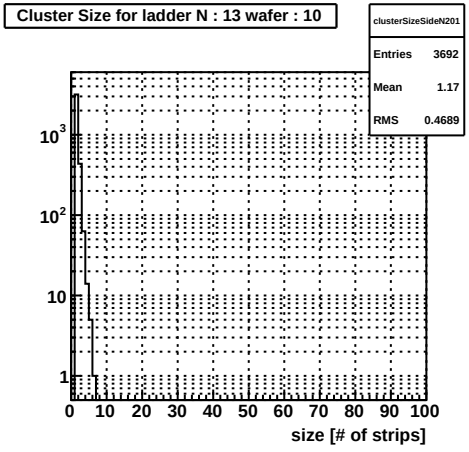

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2960
Mean 1.353
RMS 0.6798
size [# of strips]

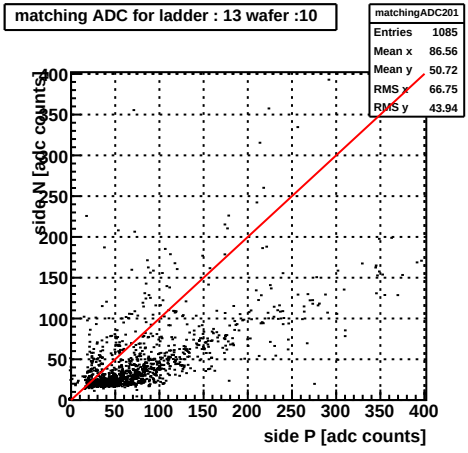

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1227
Mean x 85.83
Mean y 81.36
RMS x 65.07
RMS y 63.26
side N [adc counts]
side P [adc counts]

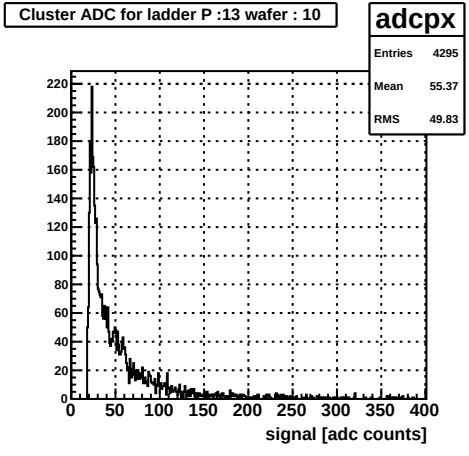

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 3719
Mean 47.69
RMS 51.05
signal [adc counts]

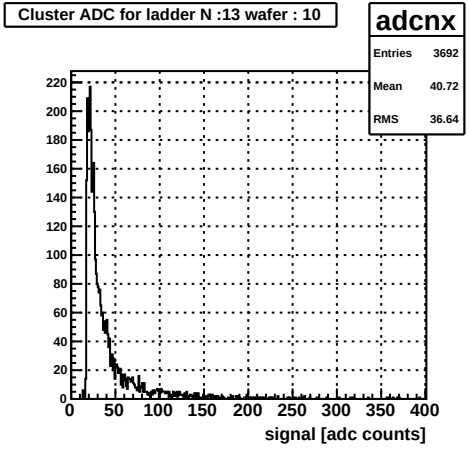

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2960
Mean 56.59
RMS 56.92
signal [adc counts]

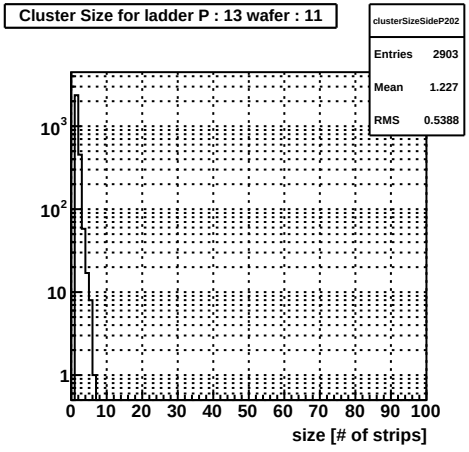

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4295
Mean 1.252
RMS 0.5738
size [# of strips]

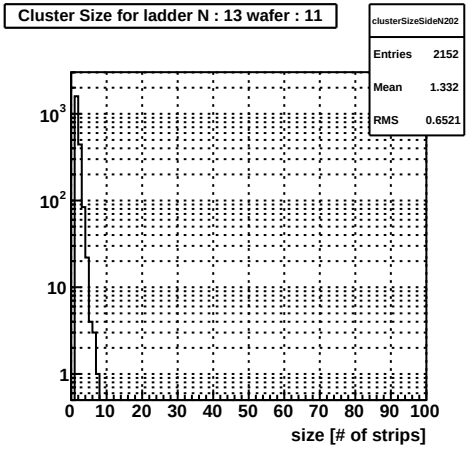

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3692
Mean 1.17
RMS 0.4689
size [# of strips]

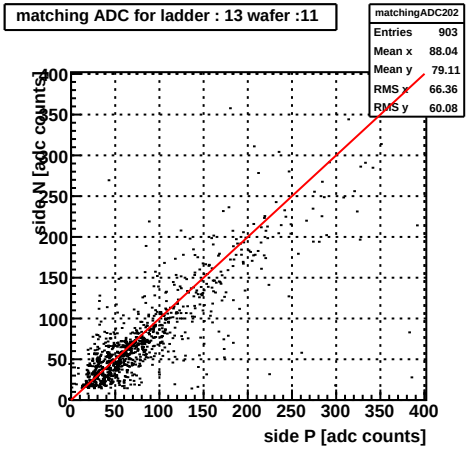

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1085
Mean x 86.56
Mean y 50.72
RMS x 66.75
RMS y 43.94
side N [adc counts]
side P [adc counts]

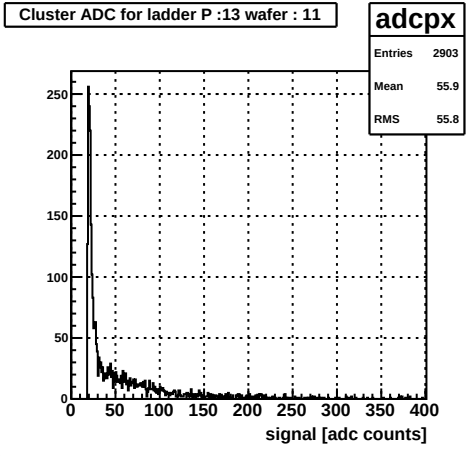

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4295
Mean 55.37
RMS 49.83
signal [adc counts]

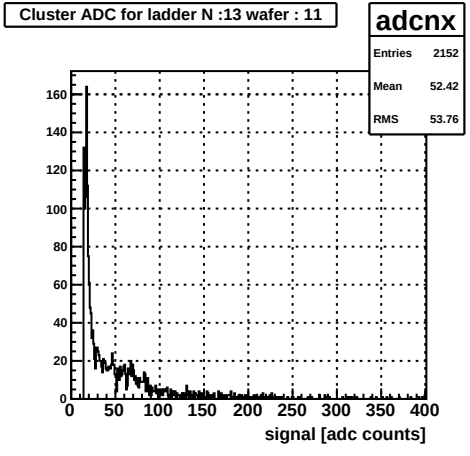

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3692
Mean 40.72
RMS 36.64
signal [adc counts]

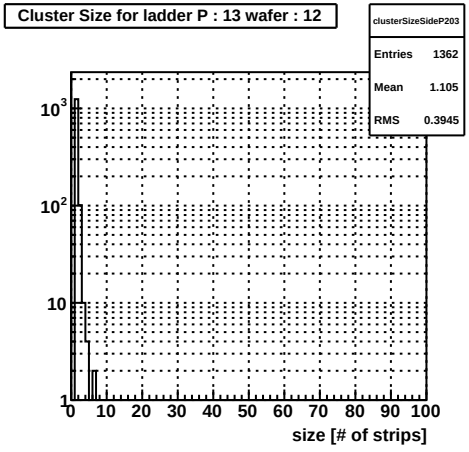

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2903
Mean 1.227
RMS 0.5388
size [# of strips]

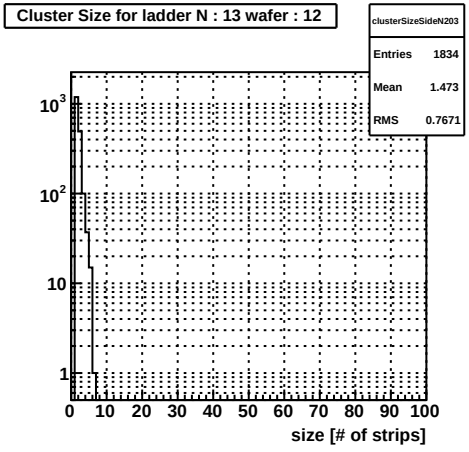

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2152
Mean 1.332
RMS 0.6521
size [# of strips]

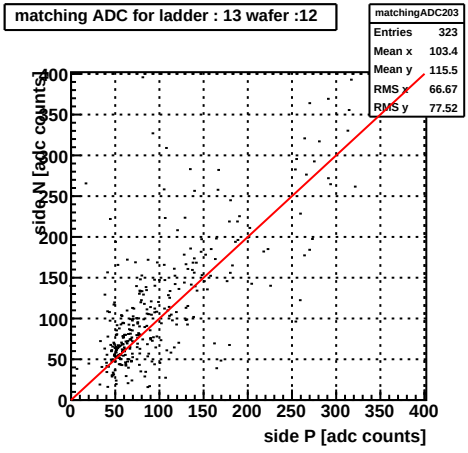

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 903
Mean x 88.04
Mean y 79.11
RMS x 66.36
RMS y 60.08
side N [adc counts]
side P [adc counts]

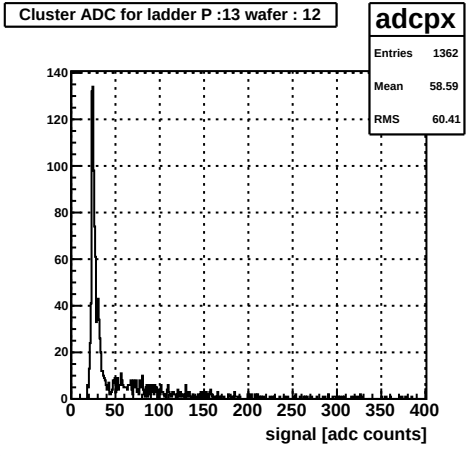

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2903
Mean 55.9
RMS 55.8
signal [adc counts]

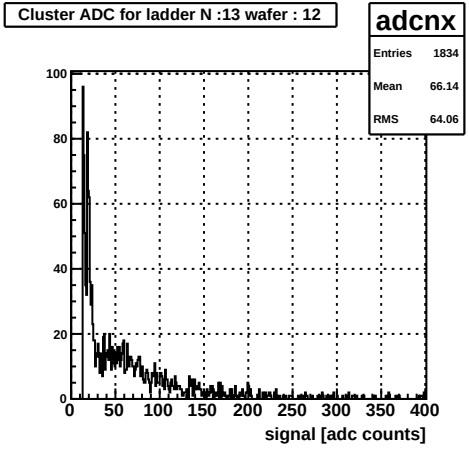

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2152
Mean 52.42
RMS 53.76
signal [adc counts]

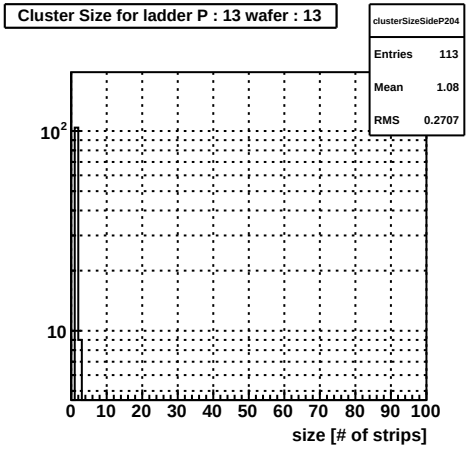

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1362
Mean 1.105
RMS 0.3945
size [# of strips]

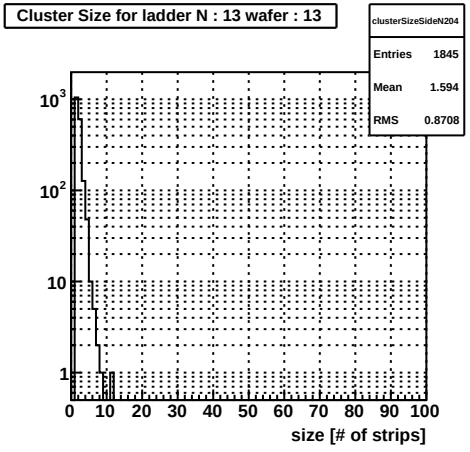

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1834
Mean 1.473
RMS 0.7671
size [# of strips]

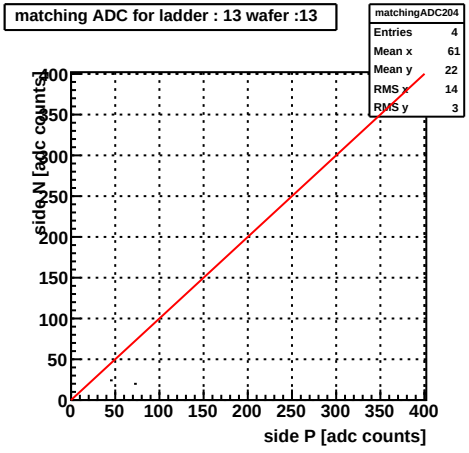

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 323
Mean x 103.4
Mean y 115.5
RMS x 66.67
RMS y 77.52
side N [adc counts]
side P [adc counts]

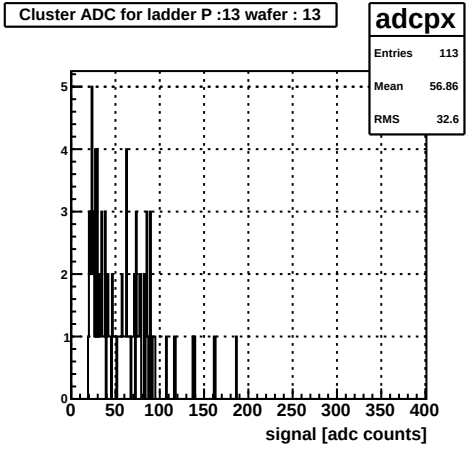

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1362
Mean 58.59
RMS 60.41
signal [adc counts]

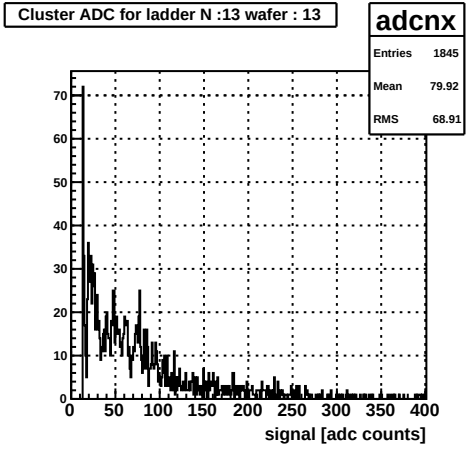

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1834
Mean 66.14
RMS 64.06
signal [adc counts]

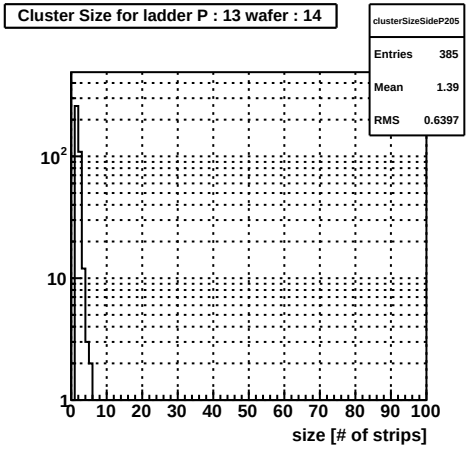

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 113
Mean 1.08
RMS 0.2707
size [# of strips]

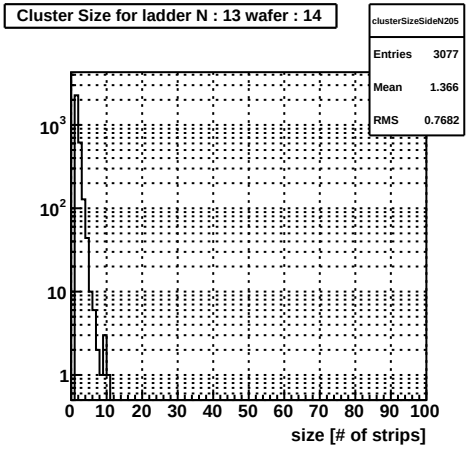

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1845
Mean 1.594
RMS 0.8708
size [# of strips]

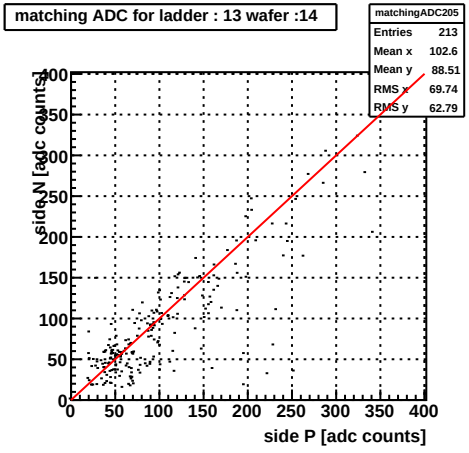

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 4
Mean x 61
Mean y 22
RMS x 14
RMS y 3
side N [adc counts]
side P [adc counts]

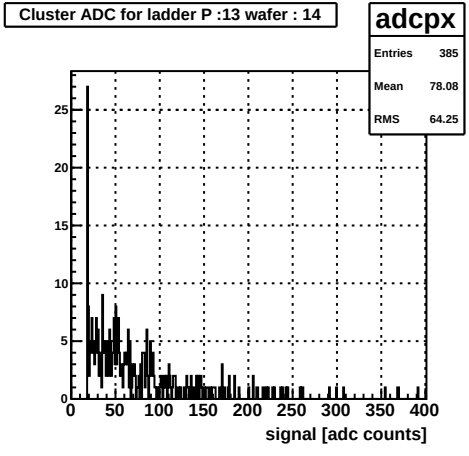

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 113
Mean 56.86
RMS 32.6
signal [adc counts]

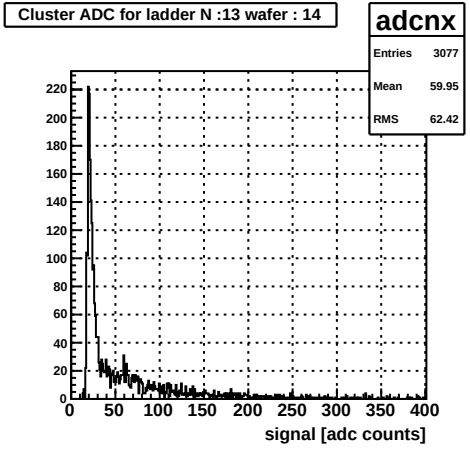

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1845
Mean 79.92
RMS 68.91
signal [adc counts]

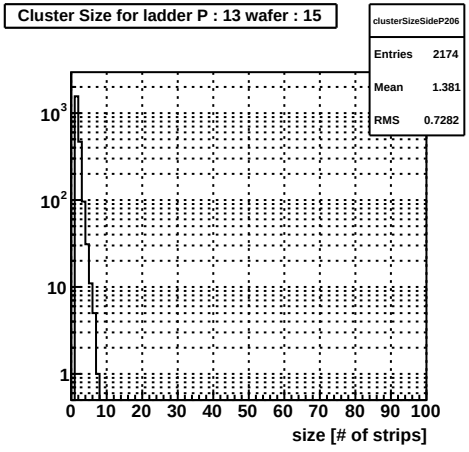

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 385
Mean 1.39
RMS 0.6397
size [# of strips]

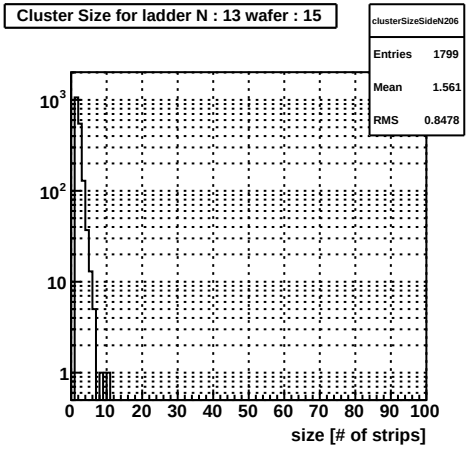

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3077
Mean 1.366
RMS 0.7682
size [# of strips]

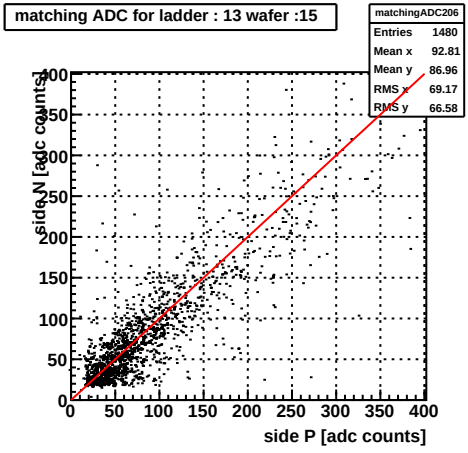

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 213
Mean x 102.6
Mean y 88.51
RMS x 69.74
RMS y 62.79
side N [adc counts]
side P [adc counts]

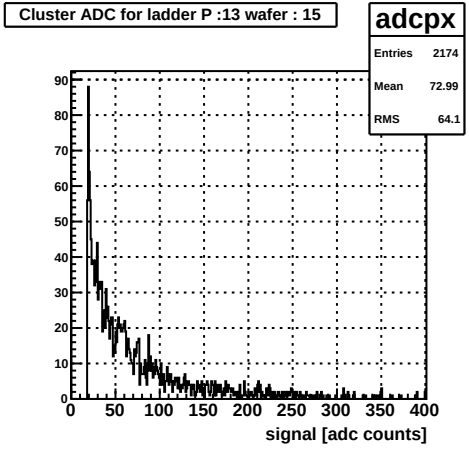

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 385
Mean 78.08
RMS 64.25
signal [adc counts]

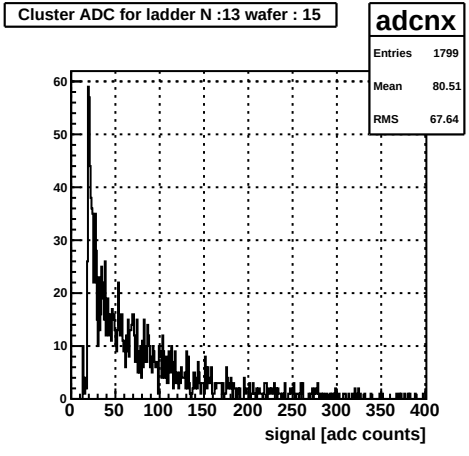

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3077
Mean 59.95
RMS 62.42
signal [adc counts]

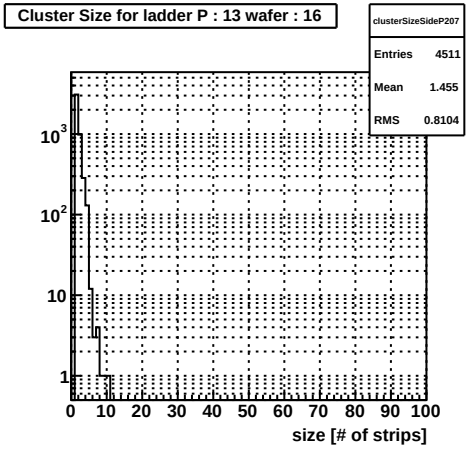

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2174
Mean 1.381
RMS 0.7282
size [# of strips]

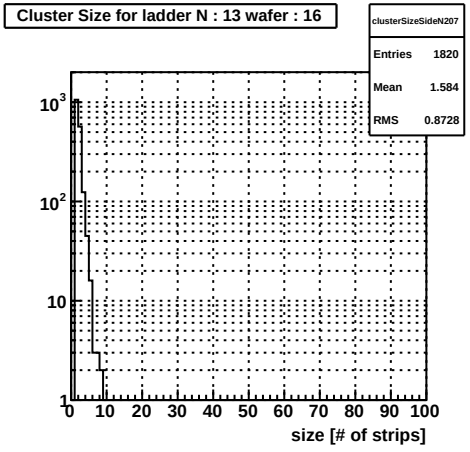

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1799
Mean 1.561
RMS 0.8478
size [# of strips]

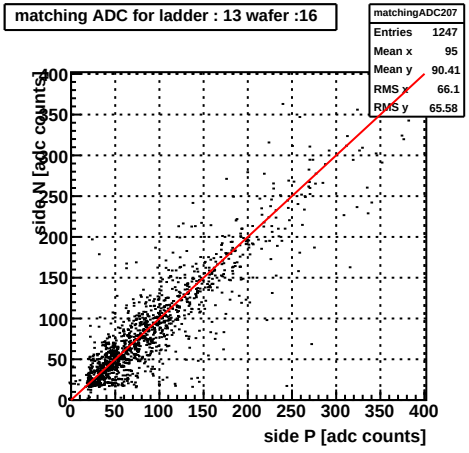

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1480
Mean x 92.81
Mean y 86.96
RMS x 69.17
RMS y 66.58
side N [adc counts]
side P [adc counts]

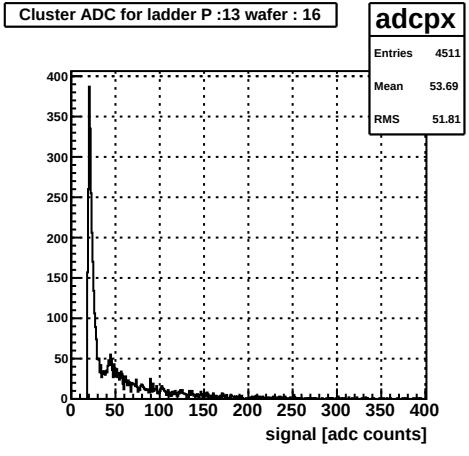

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2174
Mean 72.99
RMS 64.1
signal [adc counts]

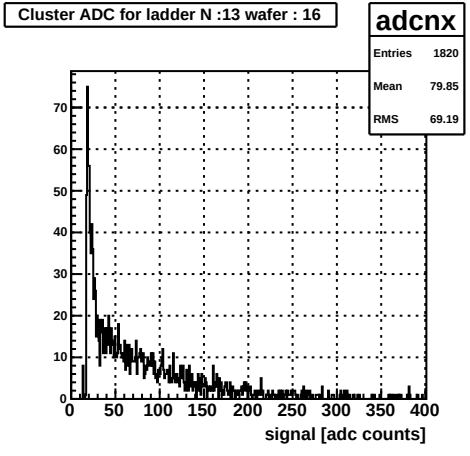

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1799
Mean 80.51
RMS 67.64
signal [adc counts]

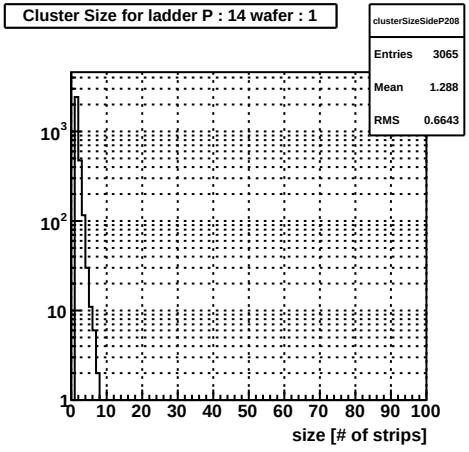

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4511
Mean 1.455
RMS 0.8104
size [# of strips]

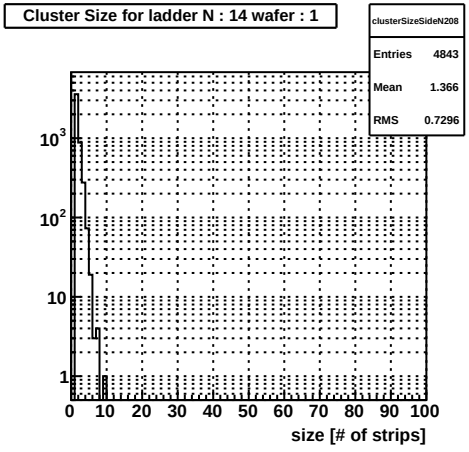

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1820
Mean 1.584
RMS 0.8728
size [# of strips]

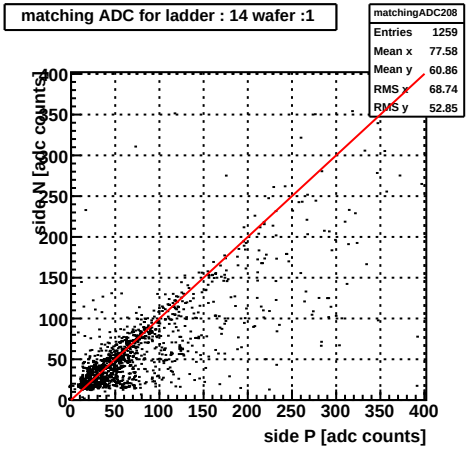

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1247
Mean x 95
Mean y 90.41
RMS x 66.1
RMS y 65.58
side N [adc counts]
side P [adc counts]

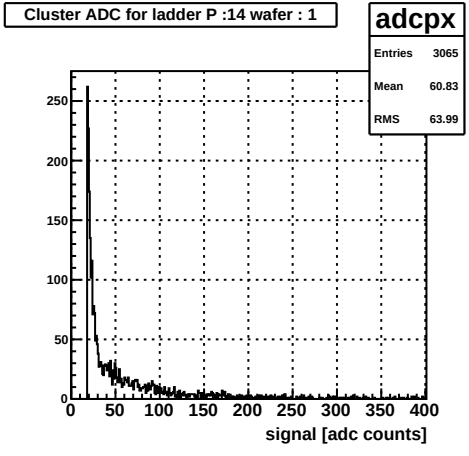

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4511
Mean 53.69
RMS 51.81
signal [adc counts]

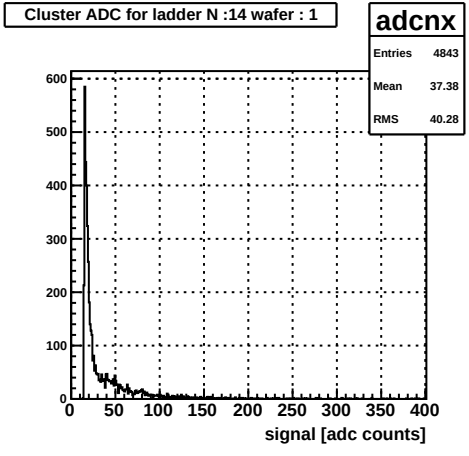

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1820
Mean 79.85
RMS 69.19
signal [adc counts]

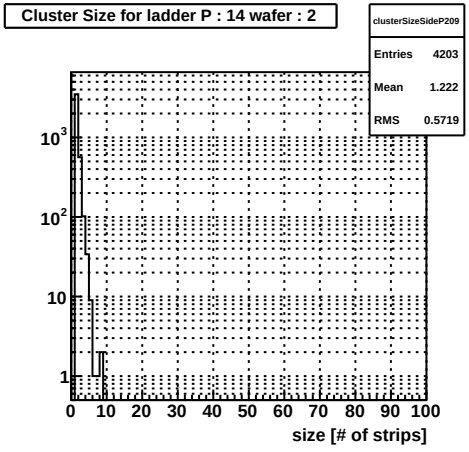

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3065
Mean 1.288
RMS 0.6643
size [# of strips]

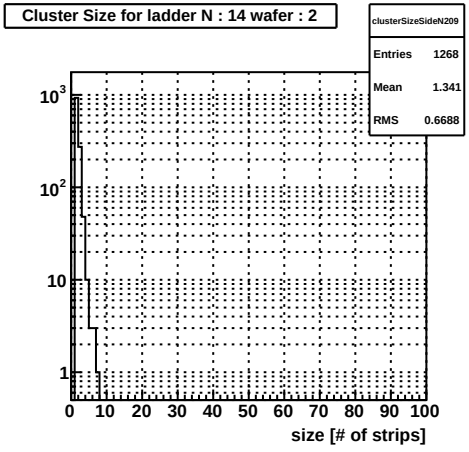

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 4843
Mean 1.366
RMS 0.7296
size [# of strips]

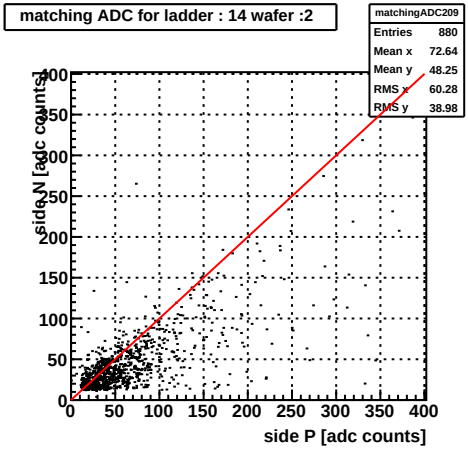

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1259
Mean x 77.58
Mean y 60.86
RMS x 68.74
RMS y 52.85
side N [adc counts]
side P [adc counts]

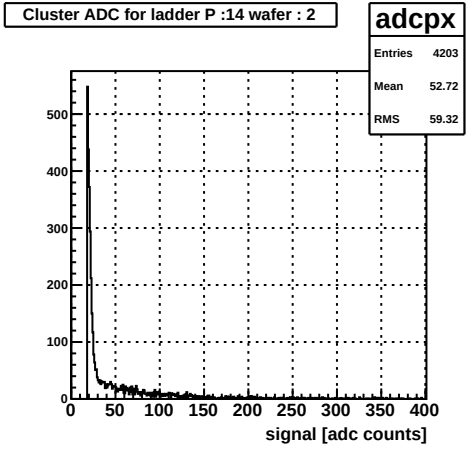

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3065
Mean 60.83
RMS 63.99
signal [adc counts]

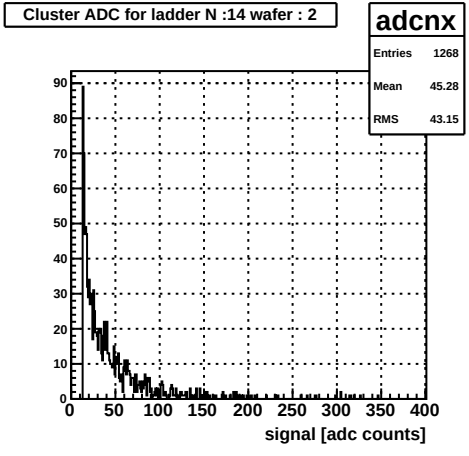

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 4843
Mean 37.38
RMS 40.28
signal [adc counts]

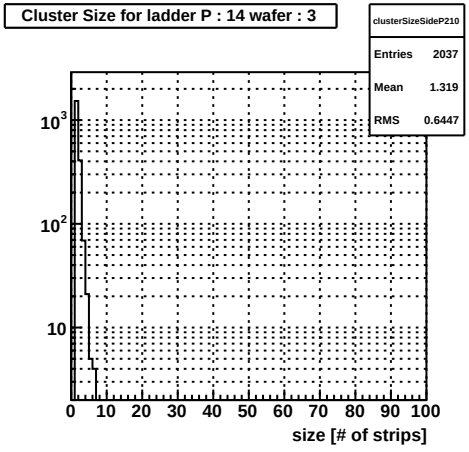

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4203
Mean 1.222
RMS 0.5719
size [# of strips]

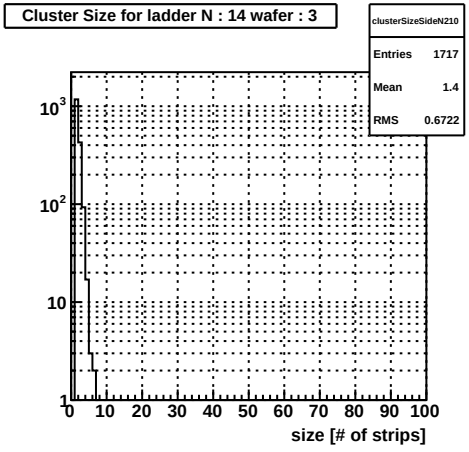

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1268
Mean 1.341
RMS 0.6688
size [# of strips]

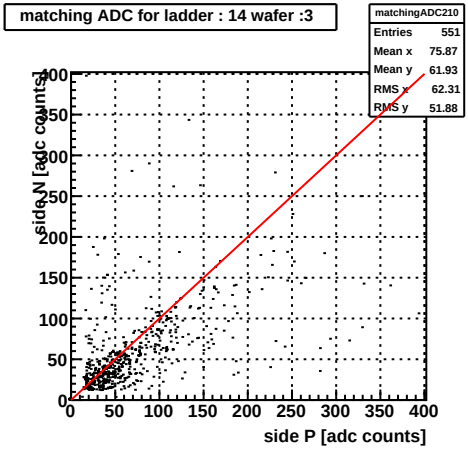

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 880
Mean x 72.64
Mean y 48.25
RMS x 60.28
RMS y 38.98
side N [adc counts]
side P [adc counts]

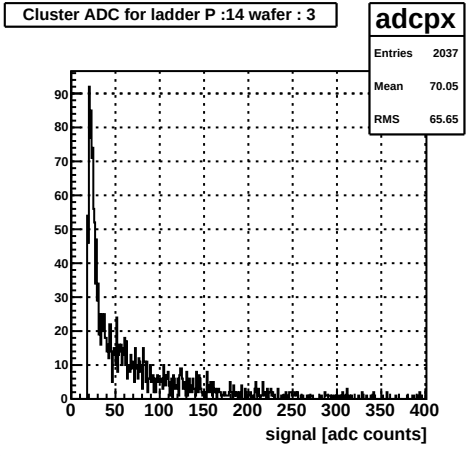

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4203
Mean 52.72
RMS 59.32
signal [adc counts]

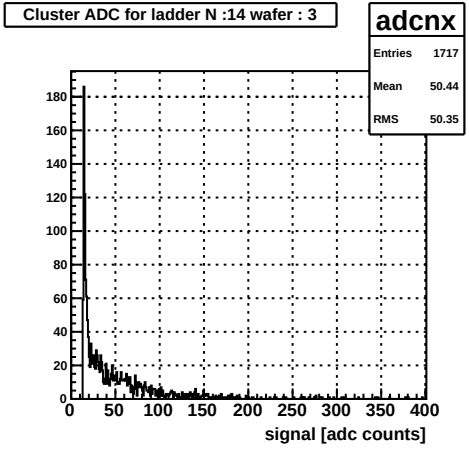

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1268
Mean 45.28
RMS 43.15
signal [adc counts]

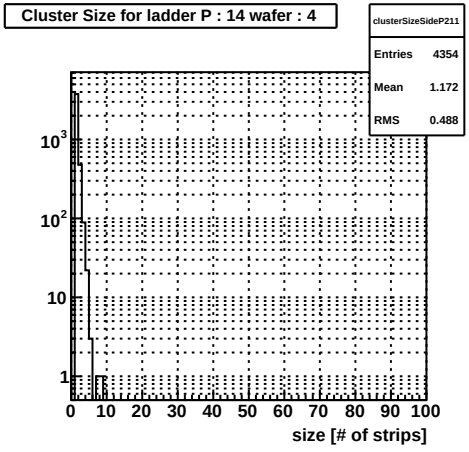

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2037
Mean 1.319
RMS 0.6447
size [# of strips]

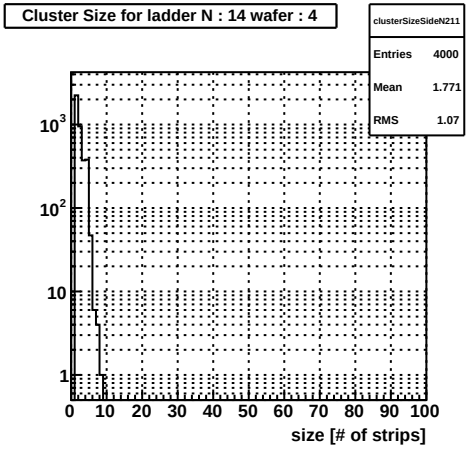

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1717
Mean 1.4
RMS 0.6722
size [# of strips]

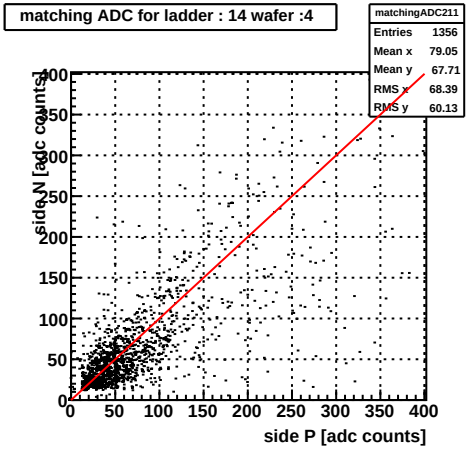

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 551
Mean x 75.87
Mean y 61.93
RMS x 62.31
RMS y 51.88
side N [adc counts]
side P [adc counts]

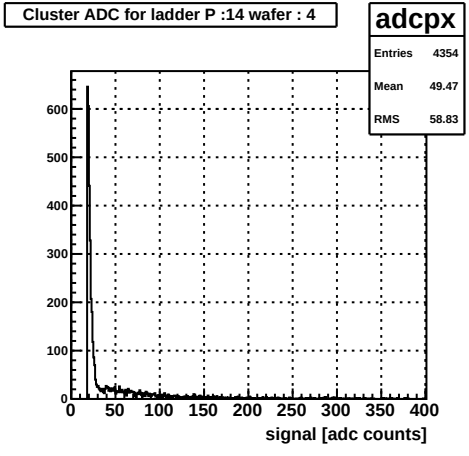

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2037
Mean 70.05
RMS 65.65
signal [adc counts]

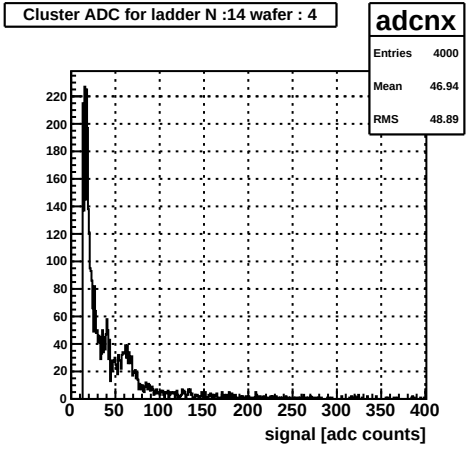

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1717
Mean 50.44
RMS 50.35
signal [adc counts]

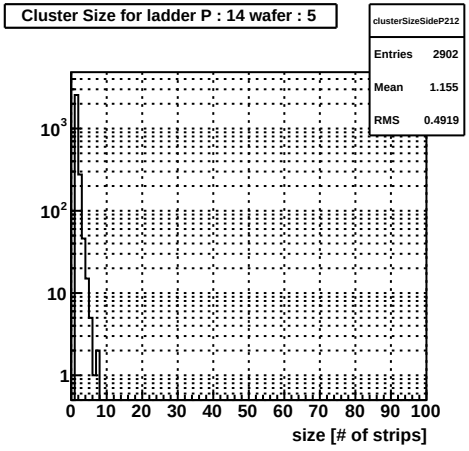

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4354
Mean 1.172
RMS 0.488
size [# of strips]

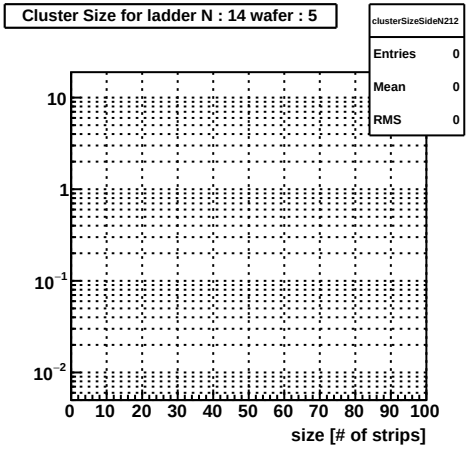

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 4000
Mean 1.771
RMS 1.07
size [# of strips]

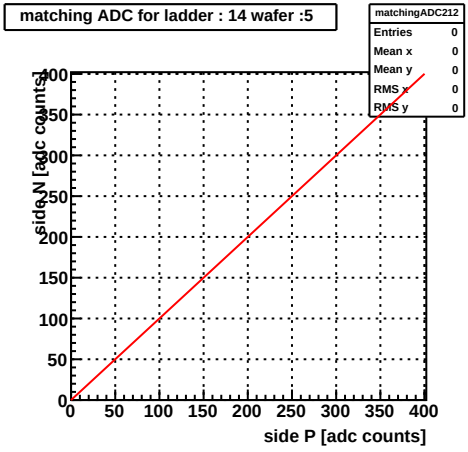

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1356
Mean x 79.05
Mean y 67.71
RMS x 68.39
RMS y 60.13
side N [adc counts]
side P [adc counts]

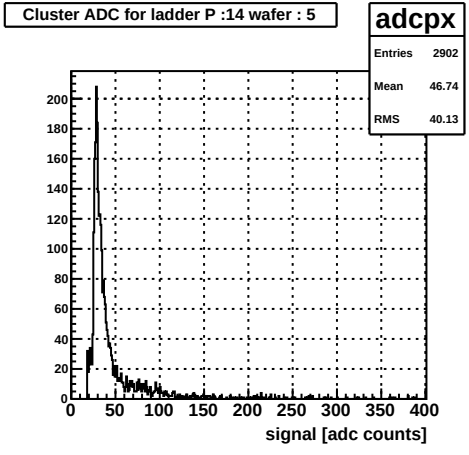

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4354
Mean 49.47
RMS 58.83
signal [adc counts]

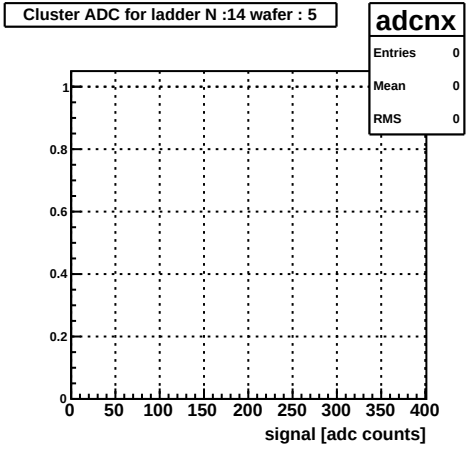

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 4000
Mean 46.94
RMS 48.89
signal [adc counts]

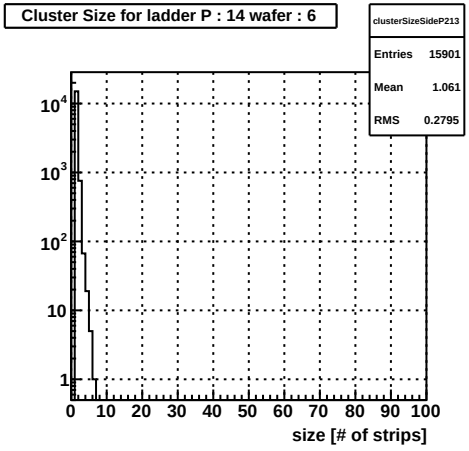

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2902
Mean 1.155
RMS 0.4919
size [# of strips]

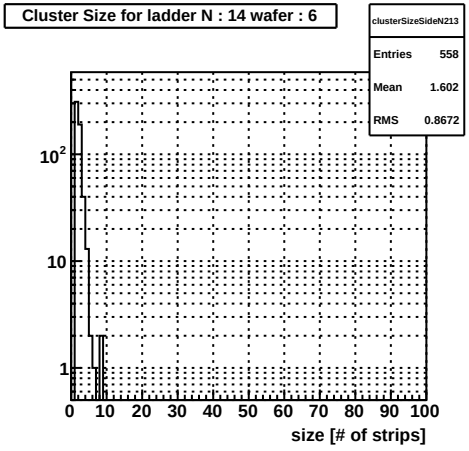

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

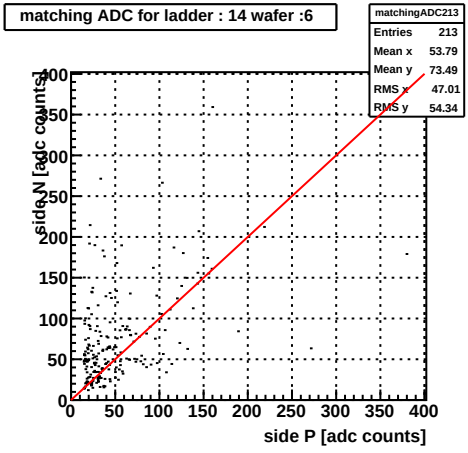

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

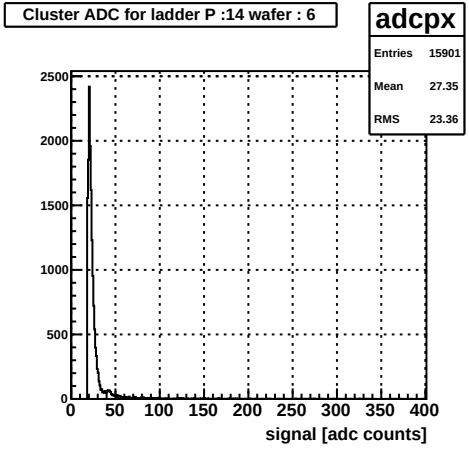

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2902
Mean 46.74
RMS 40.13
signal [adc counts]

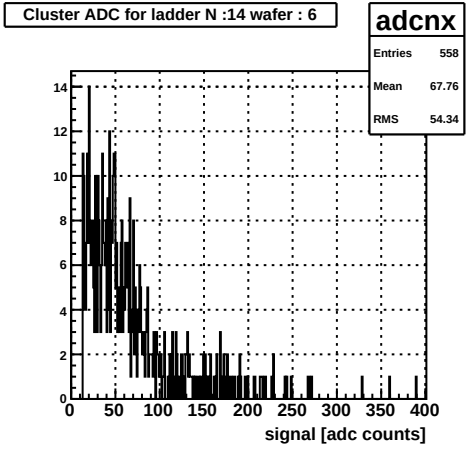

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

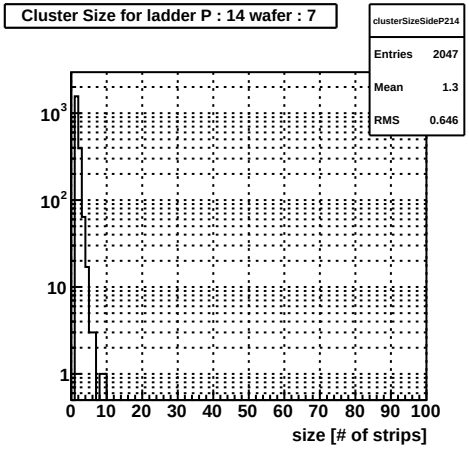

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 15901
Mean 1.061
RMS 0.2795
size [# of strips]

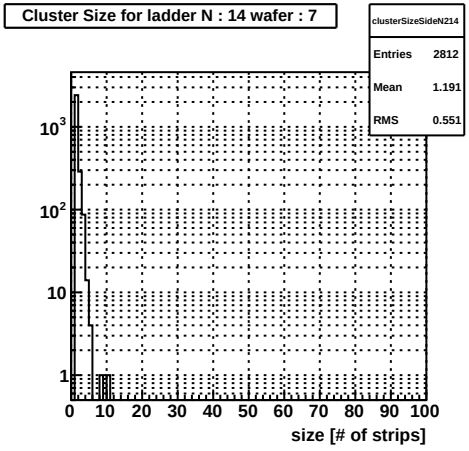

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 558
Mean 1.602
RMS 0.8672
size [# of strips]

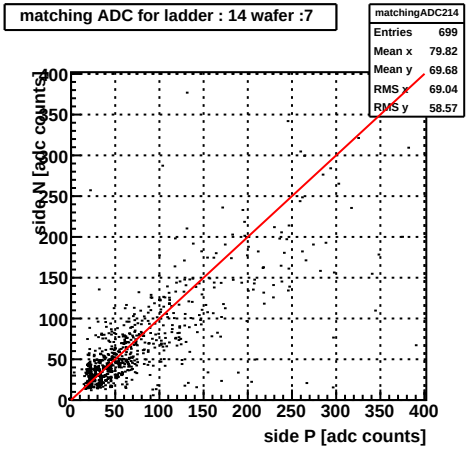

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 213
Mean x 53.79
Mean y 73.49
RMS x 47.01
RMS y 54.34
side N [adc counts]
side P [adc counts]

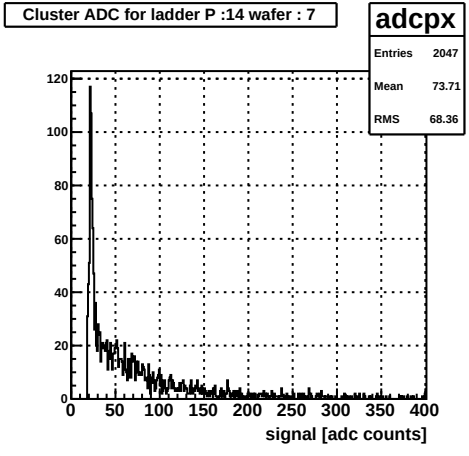

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 15901
Mean 27.35
RMS 23.36
signal [adc counts]

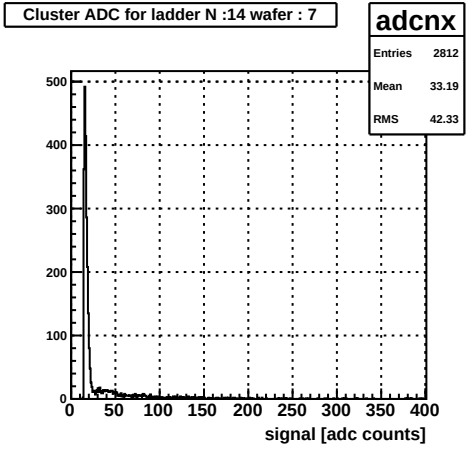

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 558
Mean 67.76
RMS 54.34
signal [adc counts]

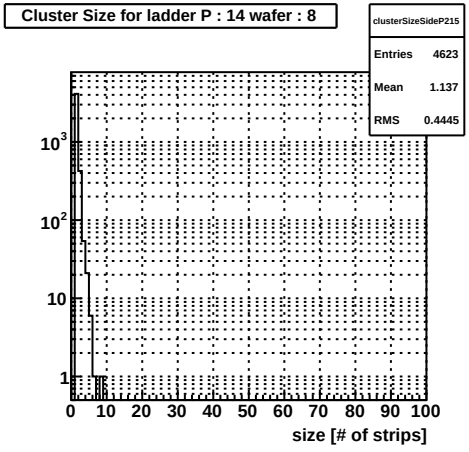

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2047
Mean 1.3
RMS 0.646
size [# of strips]

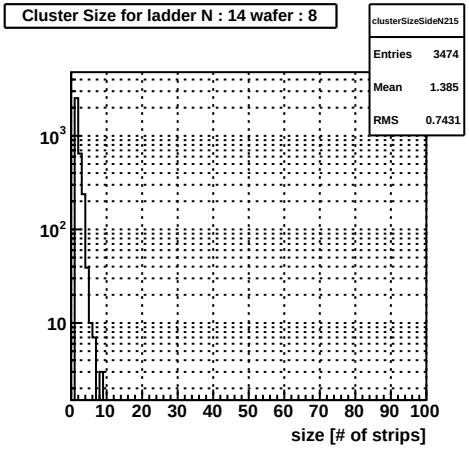

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2812
Mean 1.191
RMS 0.551
size [# of strips]

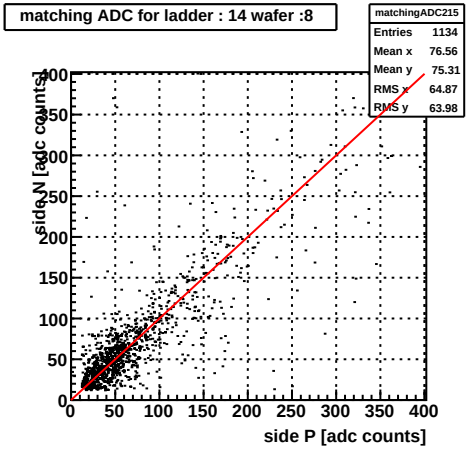

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 699
Mean x 79.82
Mean y 69.68
RMS x 69.04
RMS y 58.57
side N [adc counts]
side P [adc counts]

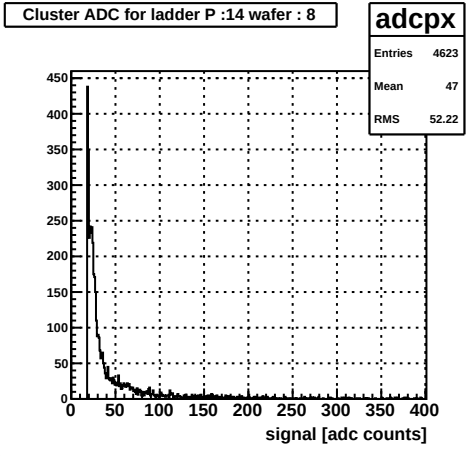

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2047
Mean 73.71
RMS 68.36
signal [adc counts]

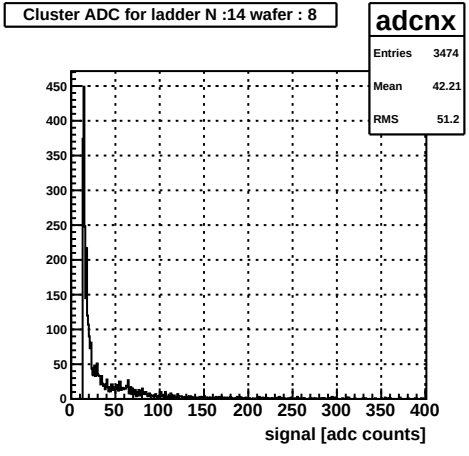

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2812
Mean 33.19
RMS 42.33
signal [adc counts]

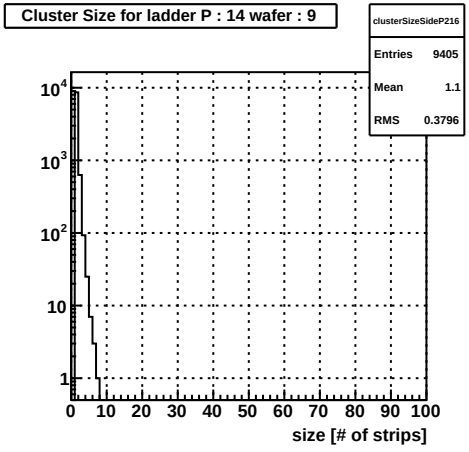

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 4623
Mean 1.137
RMS 0.4445
size [# of strips]

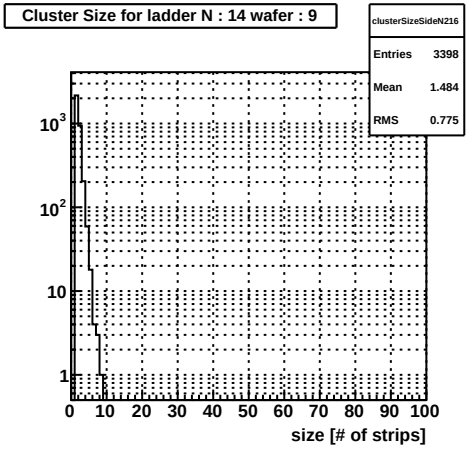

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3474
Mean 1.385
RMS 0.7431
size [# of strips]

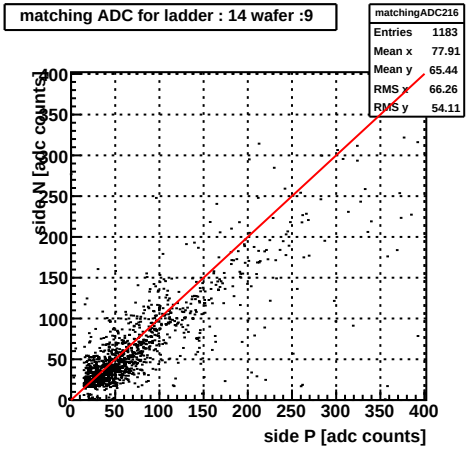

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1134
Mean x 76.56
Mean y 75.31
RMS x 64.87
RMS y 63.98
side N [adc counts]
side P [adc counts]

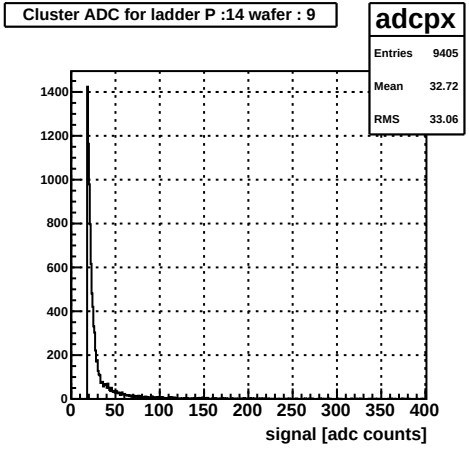

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 4623
Mean 47
RMS 52.22
signal [adc counts]

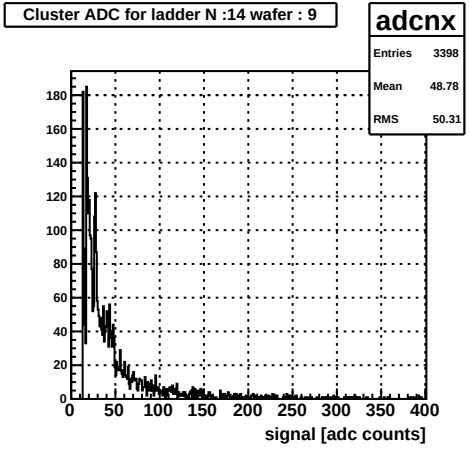

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3474
Mean 42.21
RMS 51.2
signal [adc counts]

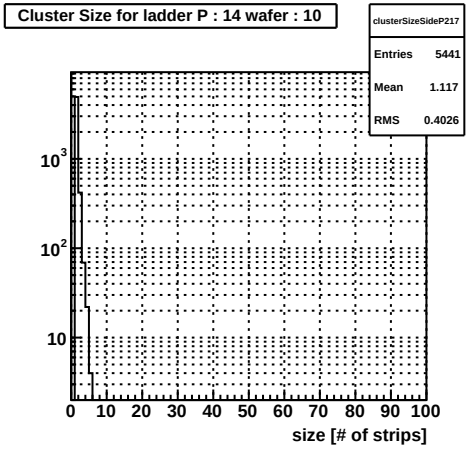

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 9405
Mean 1.1
RMS 0.3796
size [# of strips]

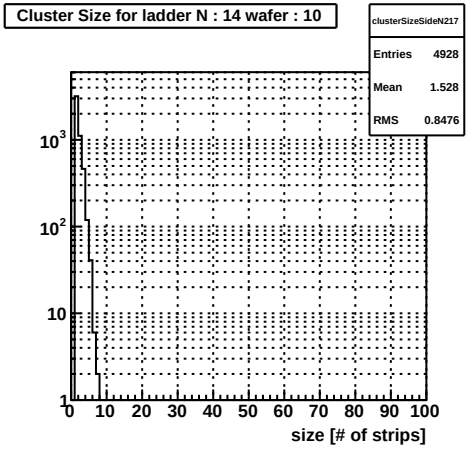

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 3398
Mean 1.484
RMS 0.775
size [# of strips]

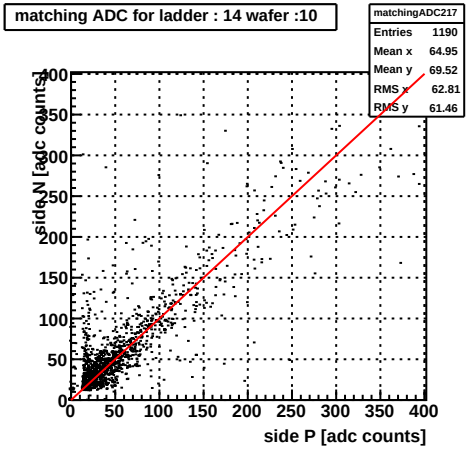

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1183
Mean x 77.91
Mean y 65.44
RMS x 66.26
RMS y 54.11
side N [adc counts]
side P [adc counts]

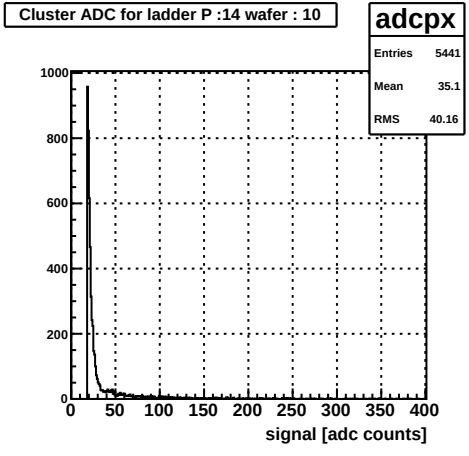

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 9405
Mean 32.72
RMS 33.06
signal [adc counts]

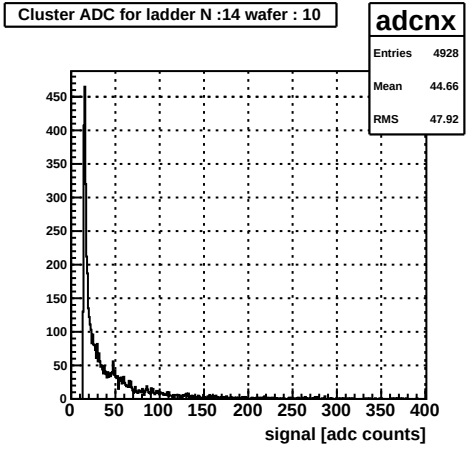

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 3398
Mean 48.78
RMS 50.31
signal [adc counts]

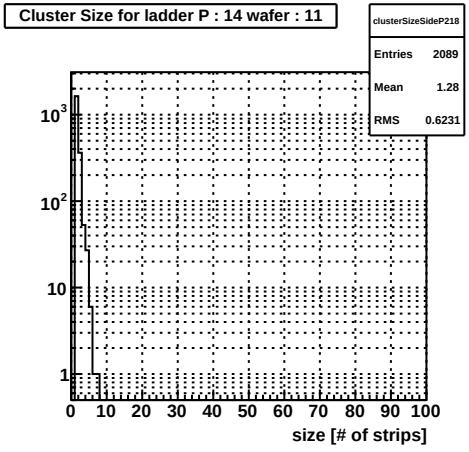

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 5441
Mean 1.117
RMS 0.4026
size [# of strips]

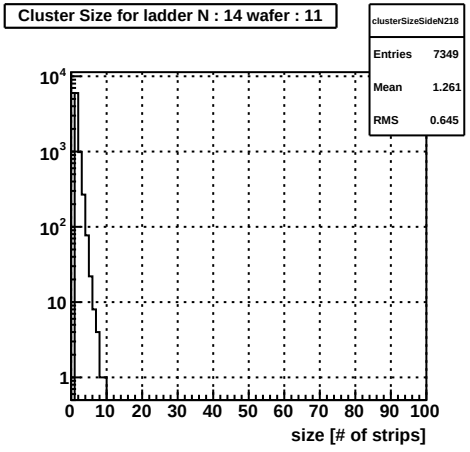

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4928
Mean 1.528
RMS 0.8476
size [# of strips]

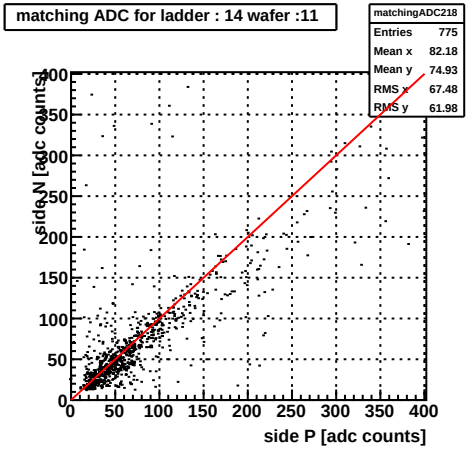

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1190
Mean x 64.95
Mean y 69.52
RMS x 62.81
RMS y 61.46
side N [adc counts]
side P [adc counts]

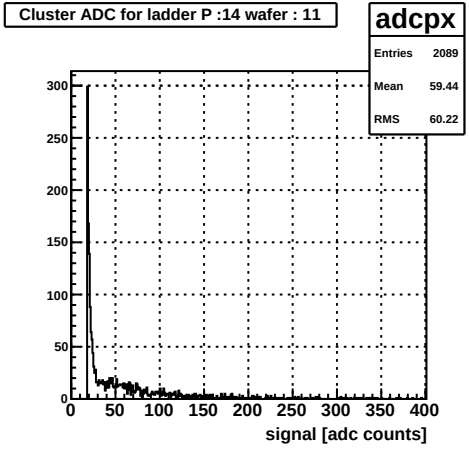

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 5441
Mean 35.1
RMS 40.16
signal [adc counts]

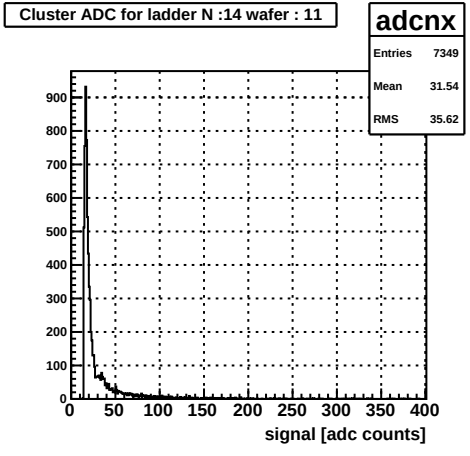

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4928
Mean 44.66
RMS 47.92
signal [adc counts]

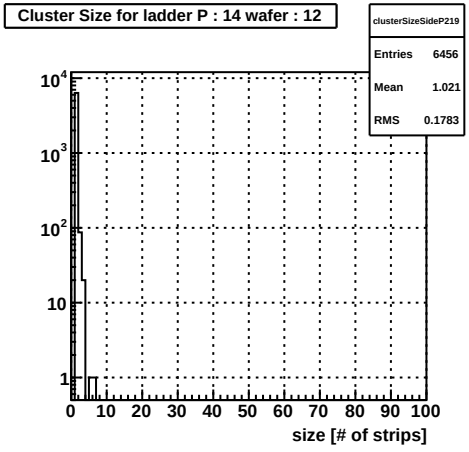

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2089
Mean 1.28
RMS 0.6231
size [# of strips]

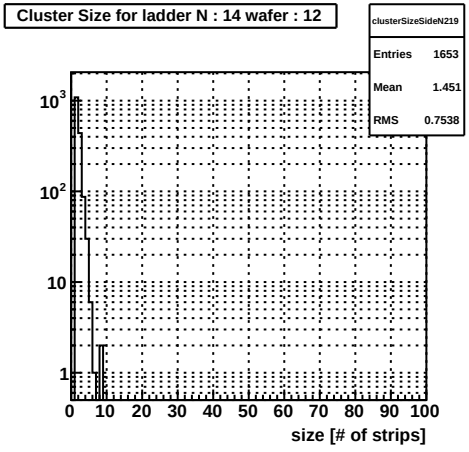

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7349
Mean 1.261
RMS 0.645
size [# of strips]

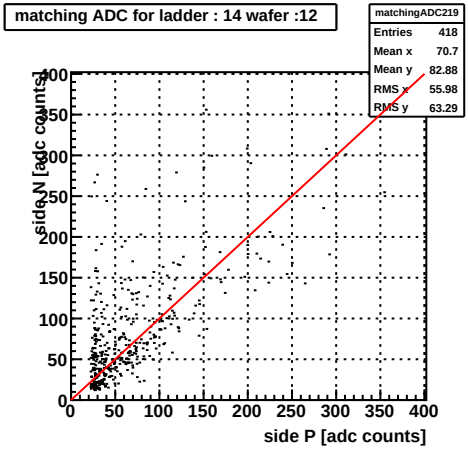

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 775
Mean x 82.18
Mean y 74.93
RMS x 67.48
RMS y 61.98
side N [adc counts]
side P [adc counts]

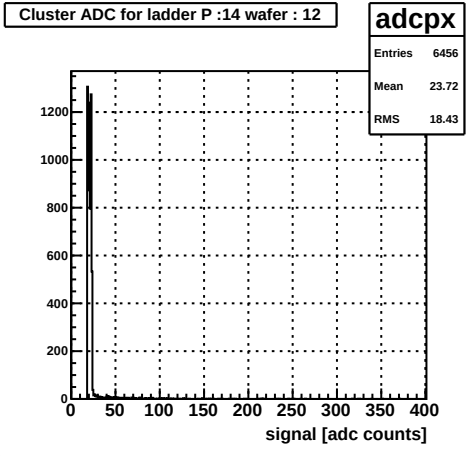

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2089
Mean 59.44
RMS 60.22
signal [adc counts]

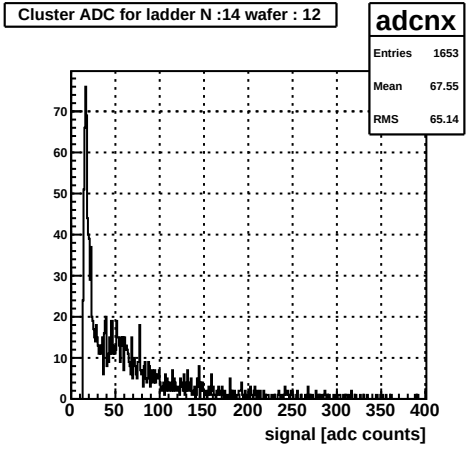

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7349
Mean 31.54
RMS 35.62
signal [adc counts]

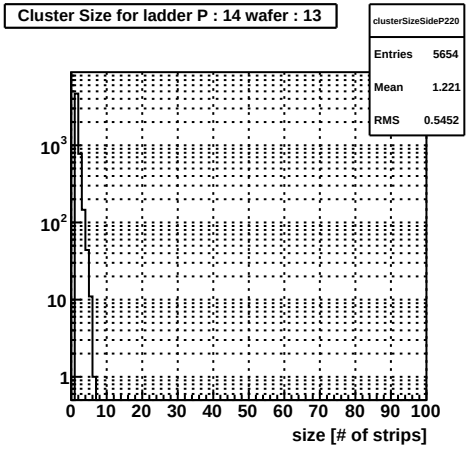

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 6456
Mean 1.021
RMS 0.1783
size [# of strips]

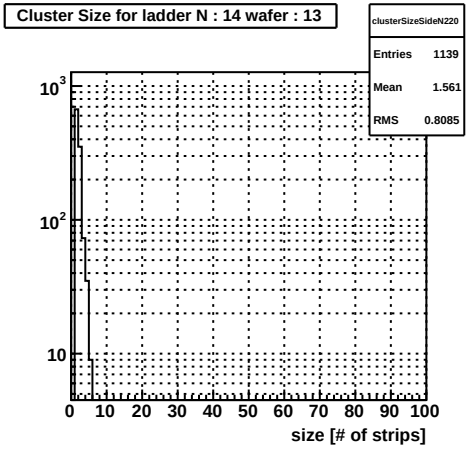

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1653
Mean 1.451
RMS 0.7538
size [# of strips]

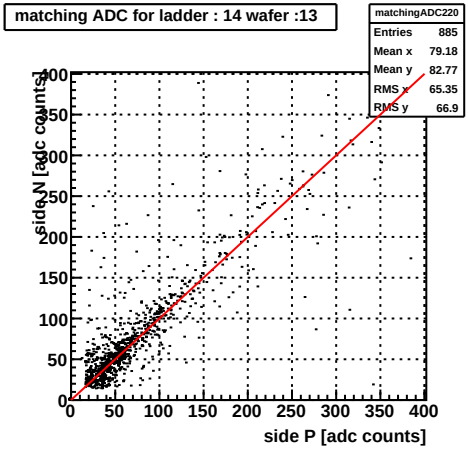

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 418
Mean x 70.7
Mean y 82.88
RMS x 55.98
RMS y 63.29
side N [adc counts]
side P [adc counts]

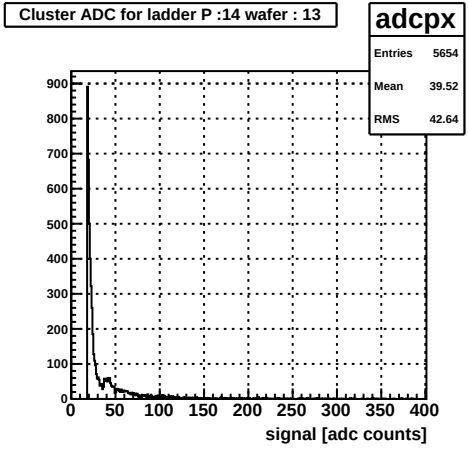

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 6456
Mean 23.72
RMS 18.43
signal [adc counts]

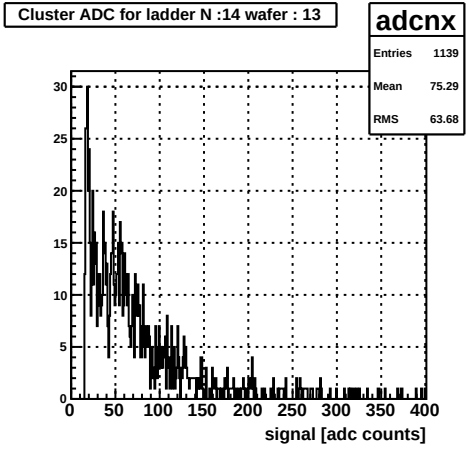

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1653
Mean 67.55
RMS 65.14
signal [adc counts]

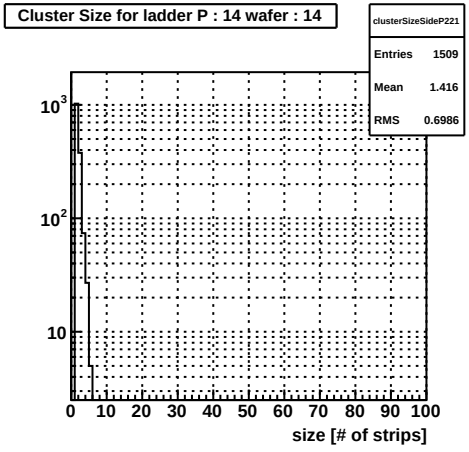

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5654
Mean 1.221
RMS 0.5452
size [# of strips]

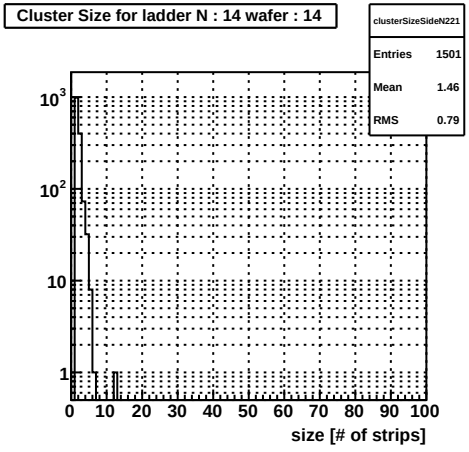

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1139
Mean 1.561
RMS 0.8085
size [# of strips]

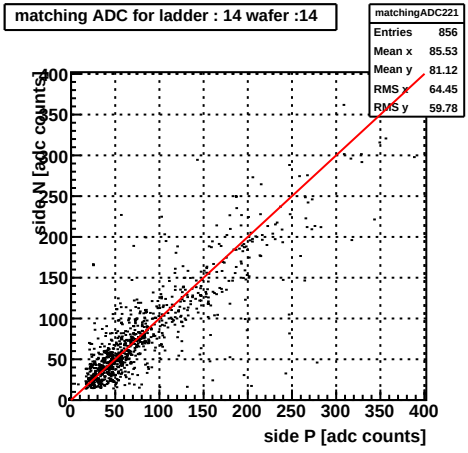

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 885
Mean x 79.18
Mean y 82.77
RMS x 65.35
RMS y 66.9
side N [adc counts]
side P [adc counts]

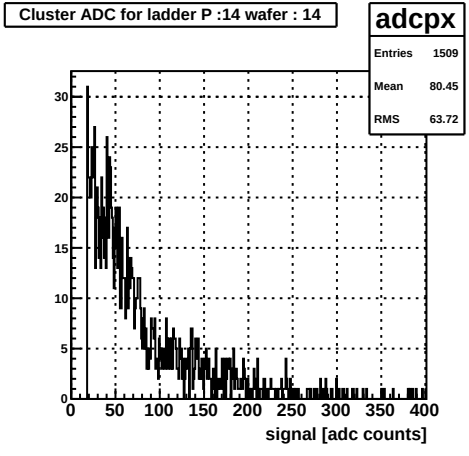

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5654
Mean 39.52
RMS 42.64
signal [adc counts]

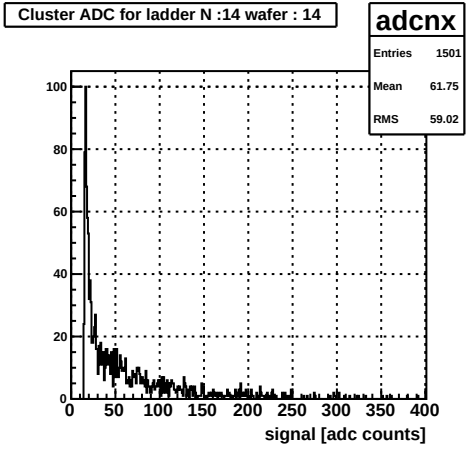

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1139
Mean 75.29
RMS 63.68
signal [adc counts]

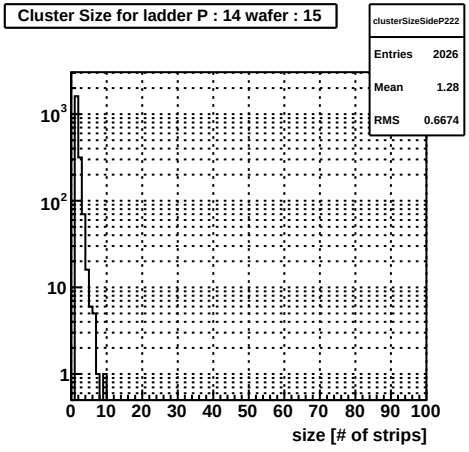

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1509
Mean 1.416
RMS 0.6986
size [# of strips]

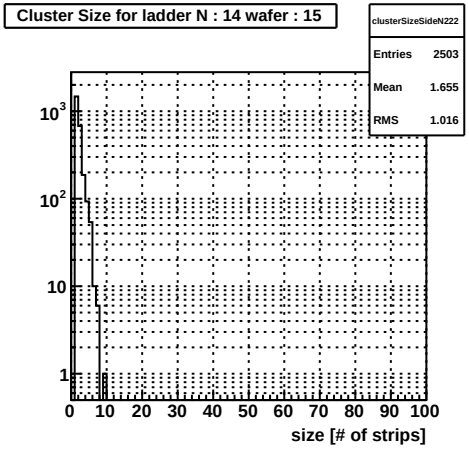

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1501
Mean 1.46
RMS 0.79
size [# of strips]

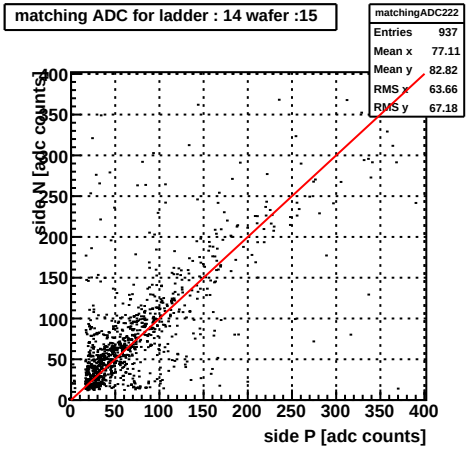

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 856
Mean x 85.53
Mean y 81.12
RMS x 64.45
RMS y 59.78
side N [adc counts]
side P [adc counts]

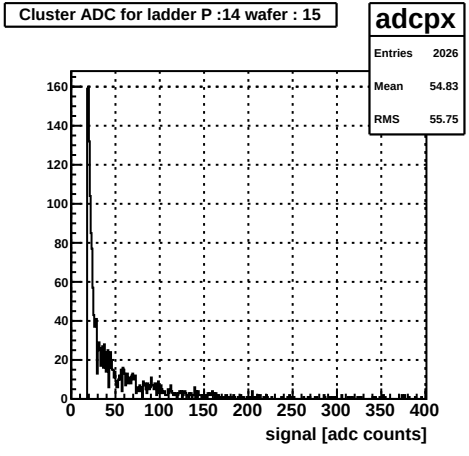

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1509
Mean 80.45
RMS 63.72
signal [adc counts]

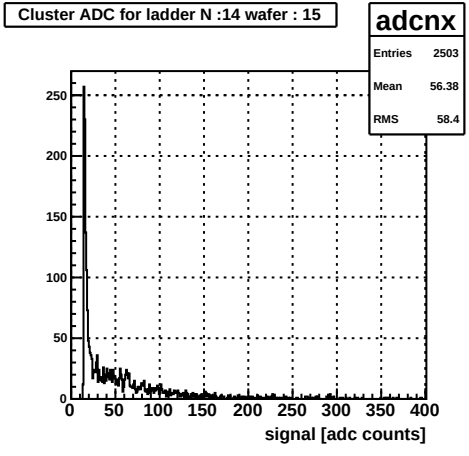

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1501
Mean 61.75
RMS 59.02
signal [adc counts]

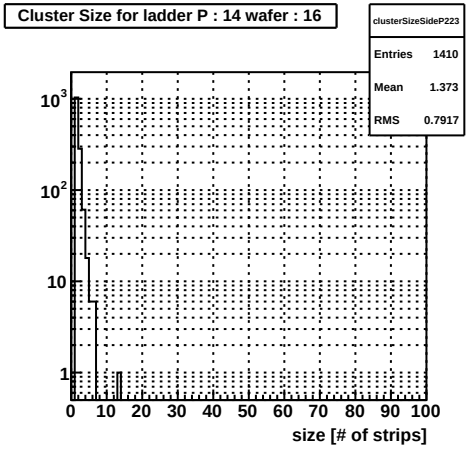

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2026
Mean 1.28
RMS 0.6674
size [# of strips]

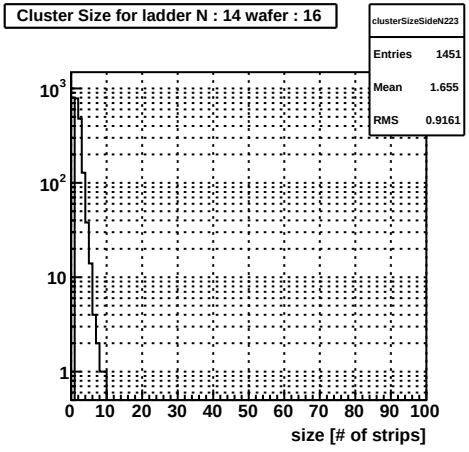

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2503
Mean 1.655
RMS 1.016
size [# of strips]

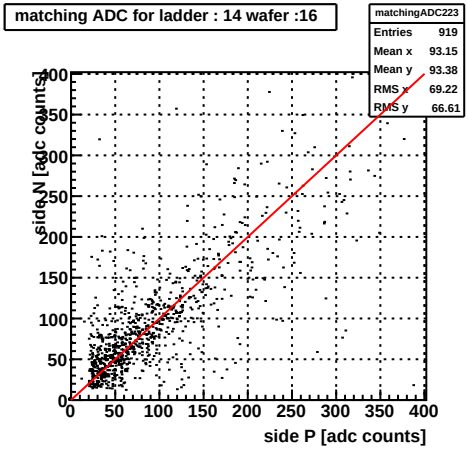

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 937
Mean x 77.11
Mean y 82.82
RMS x 63.66
RMS y 67.18
side N [adc counts]
side P [adc counts]

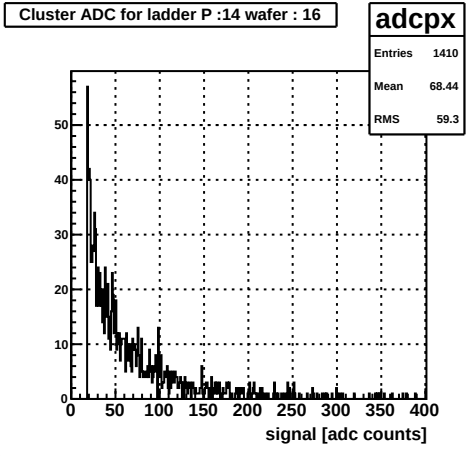

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2026
Mean 54.83
RMS 55.75
signal [adc counts]

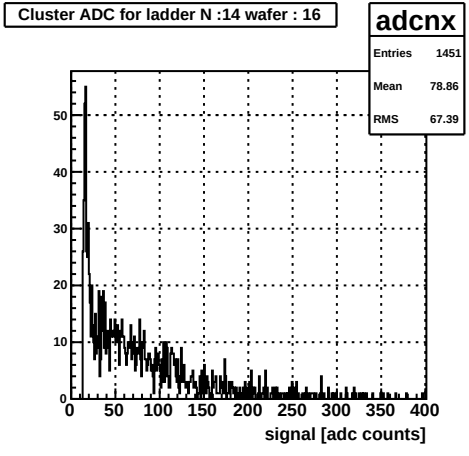

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2503
Mean 56.38
RMS 58.4
signal [adc counts]

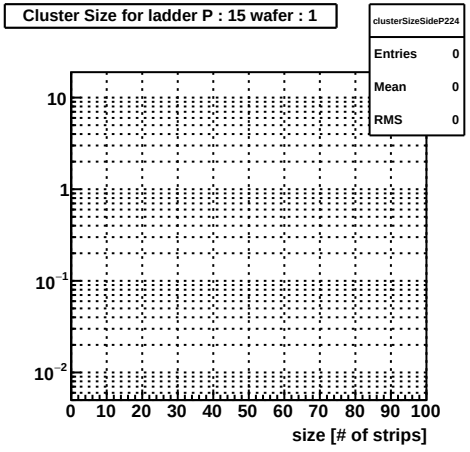

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1410
Mean 1.373
RMS 0.7917
size [# of strips]

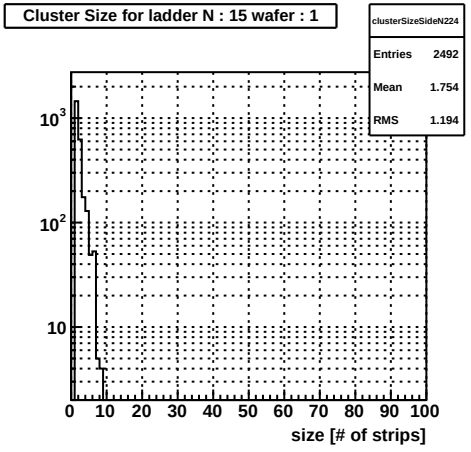

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1451
Mean 1.655
RMS 0.9161
size [# of strips]

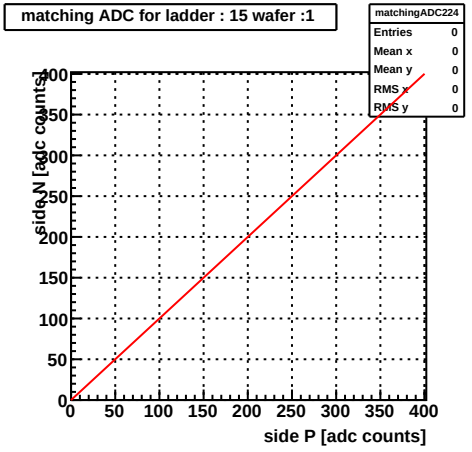

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 919
Mean x 93.15
Mean y 93.38
RMS x 69.22
RMS y 66.61
side N [adc counts]
side P [adc counts]

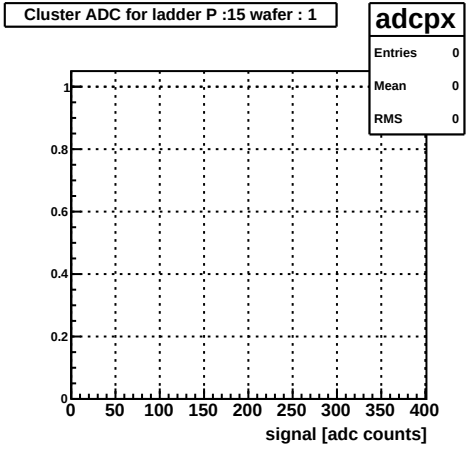

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1410
Mean 68.44
RMS 59.3
signal [adc counts]

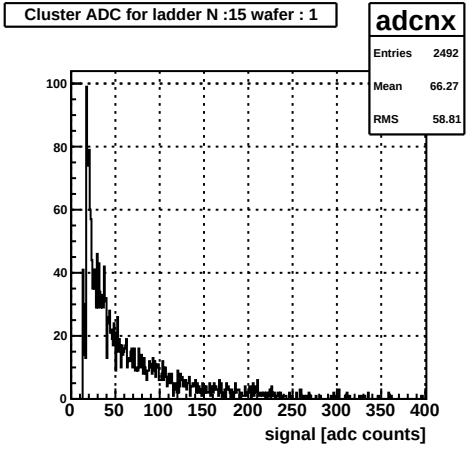

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1451
Mean 78.86
RMS 67.39
signal [adc counts]

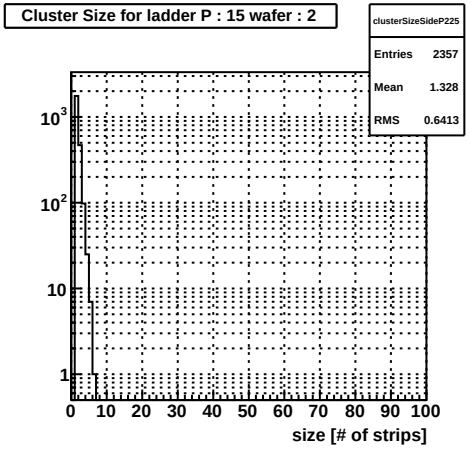

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

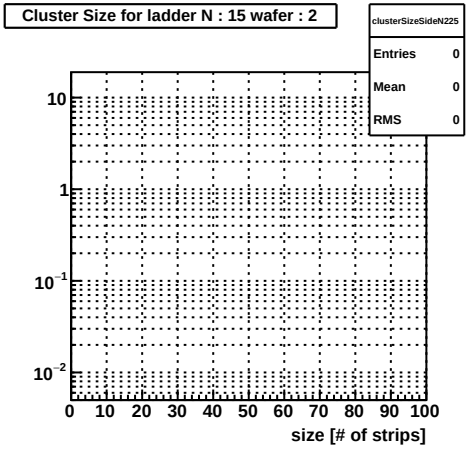

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2492
Mean 1.754
RMS 1.194
size [# of strips]

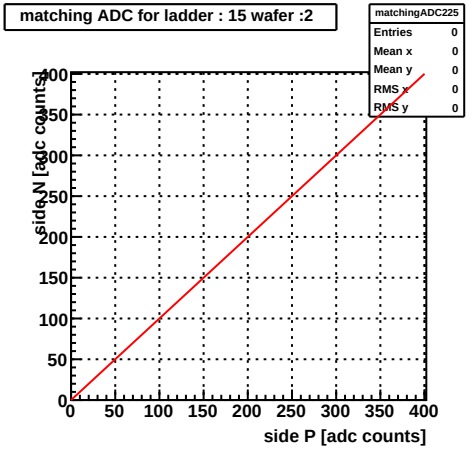

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

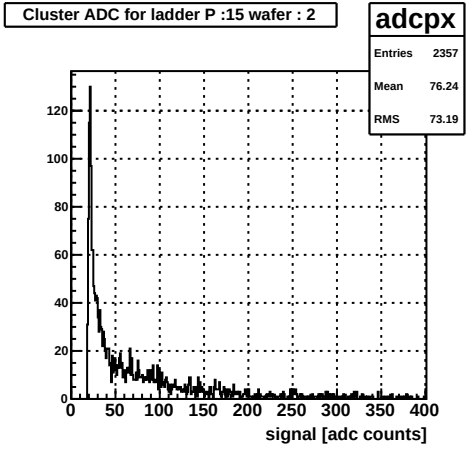

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

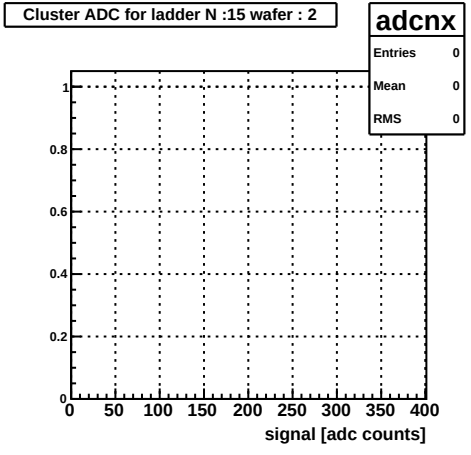

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2492
Mean 66.27
RMS 58.81
signal [adc counts]

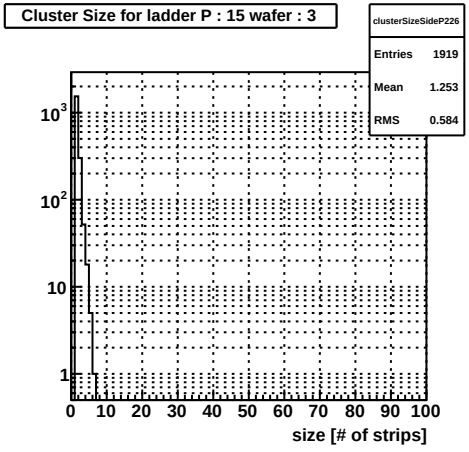

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2357
Mean 1.328
RMS 0.6413
size [# of strips]

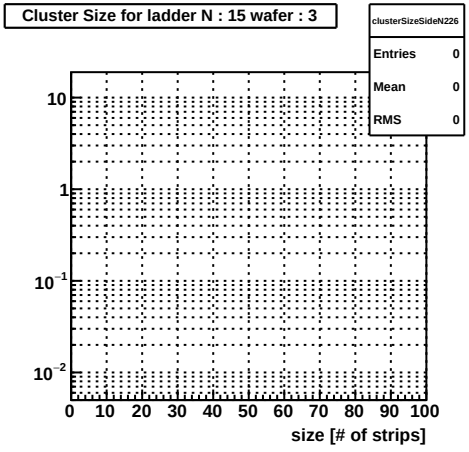

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

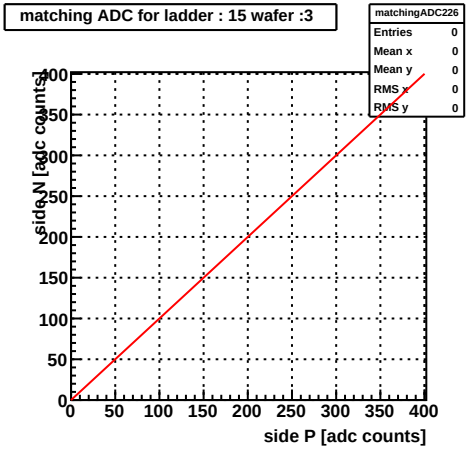

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

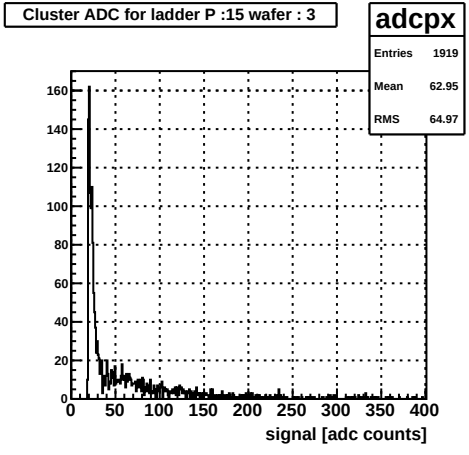

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2357
Mean 76.24
RMS 73.19
signal [adc counts]

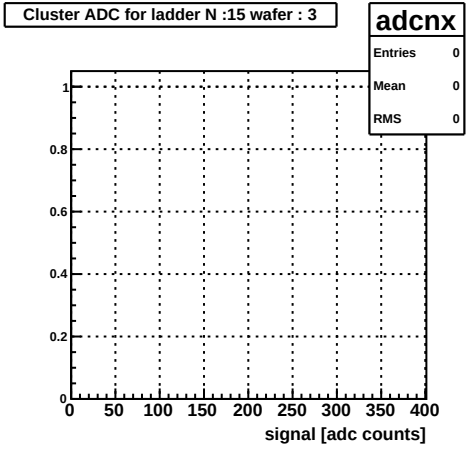

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

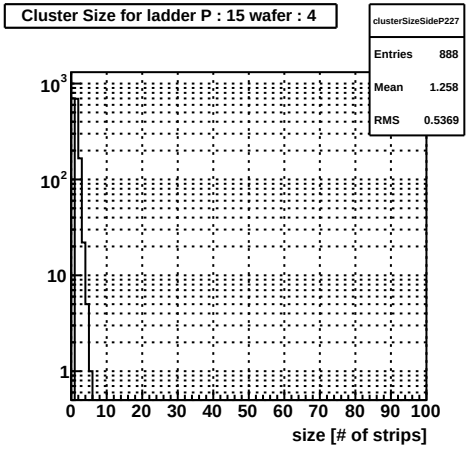

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1919
Mean 1.253
RMS 0.584
size [# of strips]

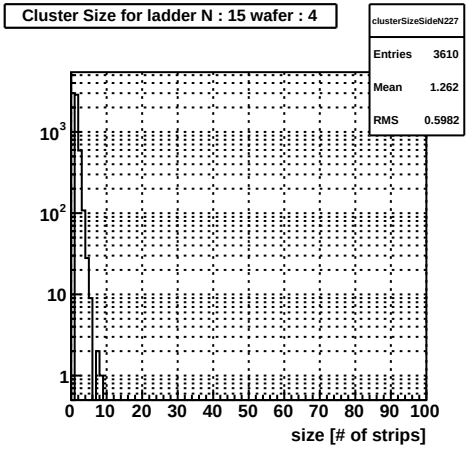

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

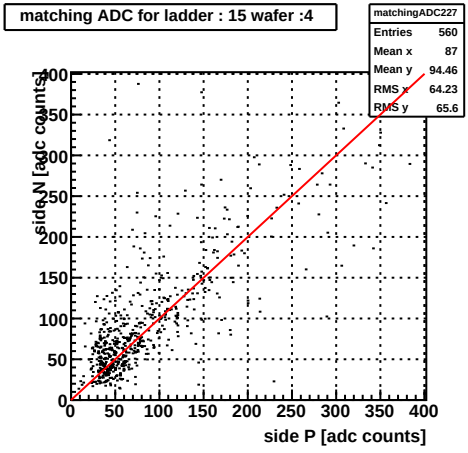

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

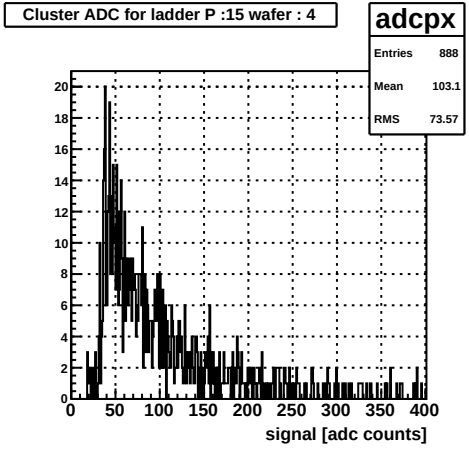

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1919
Mean 62.95
RMS 64.97
signal [adc counts]

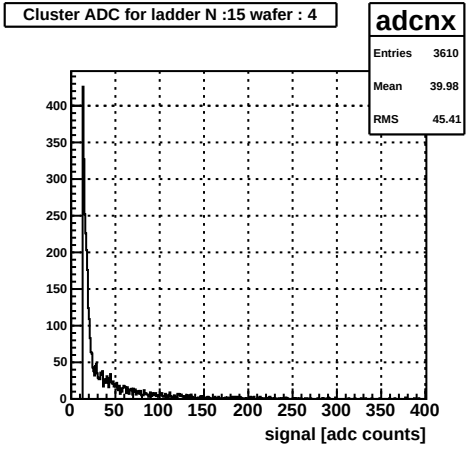

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

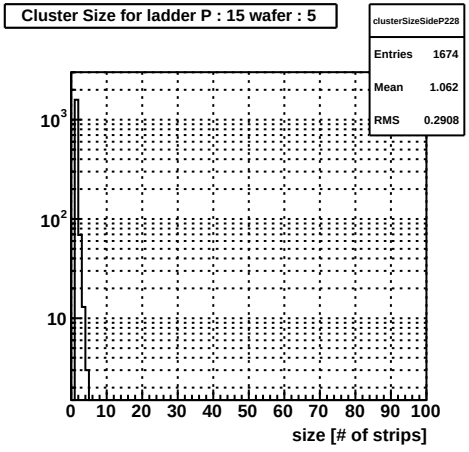

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 888
Mean 1.258
RMS 0.5369
size [# of strips]

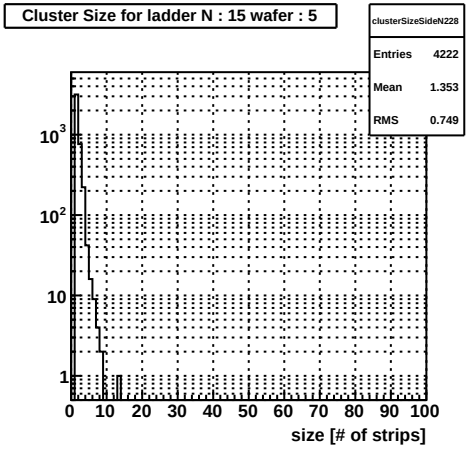

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 3610
Mean 1.262
RMS 0.5982
size [# of strips]

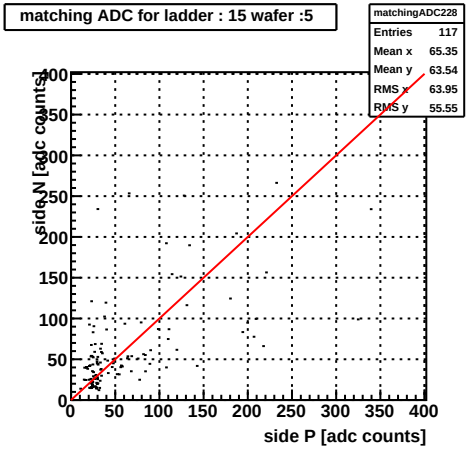

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 560
Mean x 87
Mean y 94.46
RMS x 64.23
RMS y 65.6
side N [adc counts]
side P [adc counts]

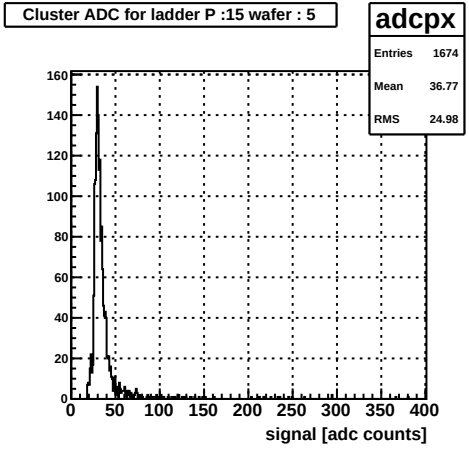

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 888
Mean 103.1
RMS 73.57
signal [adc counts]

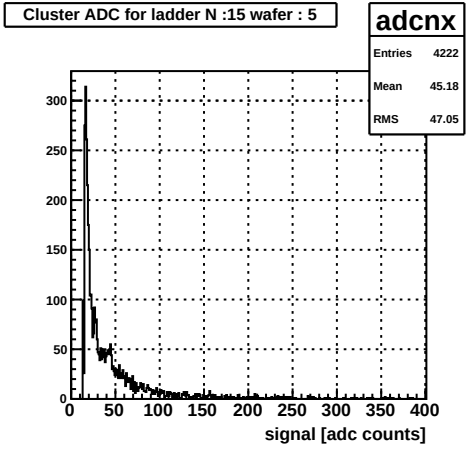

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 3610
Mean 39.98
RMS 45.41
signal [adc counts]

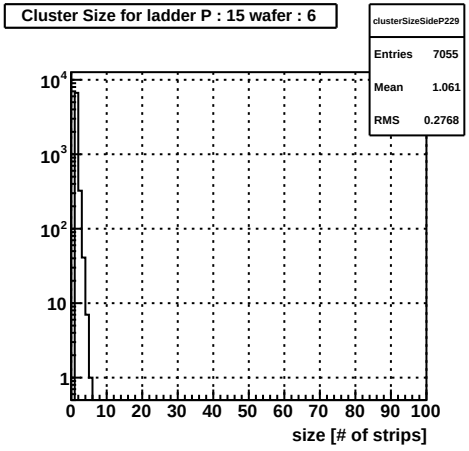

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1674
Mean 1.062
RMS 0.2908
size [# of strips]

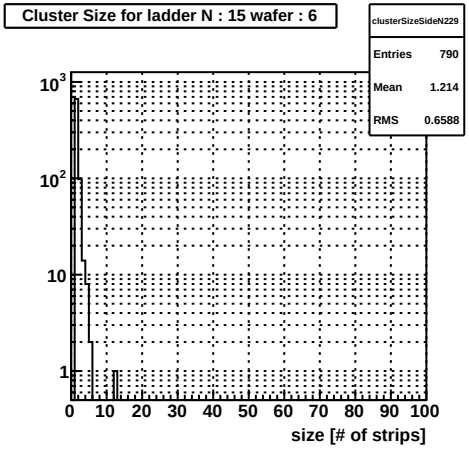

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4222
Mean 1.353
RMS 0.749
size [# of strips]

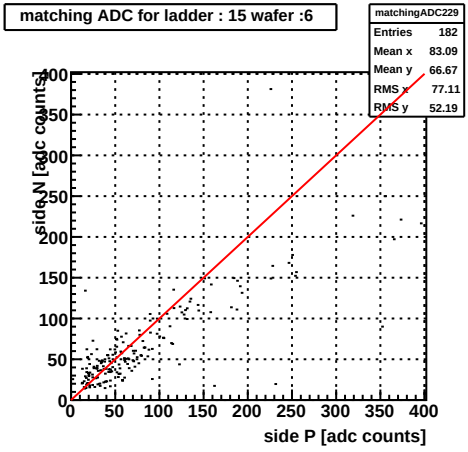

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 117
Mean x 65.35
Mean y 63.54
RMS x 63.95
RMS y 55.55
side N [adc counts]
side P [adc counts]

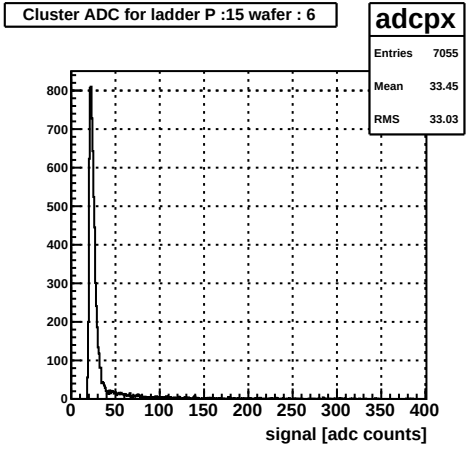

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1674
Mean 36.77
RMS 24.98
signal [adc counts]

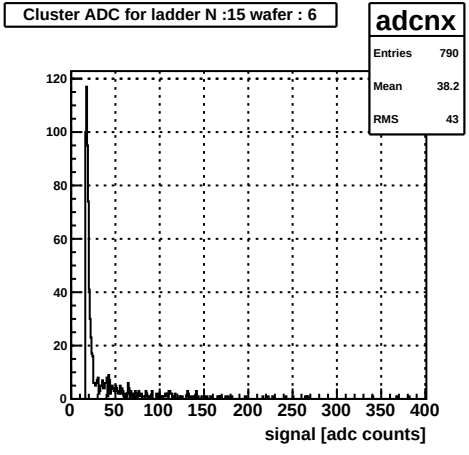

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4222
Mean 45.18
RMS 47.05
signal [adc counts]

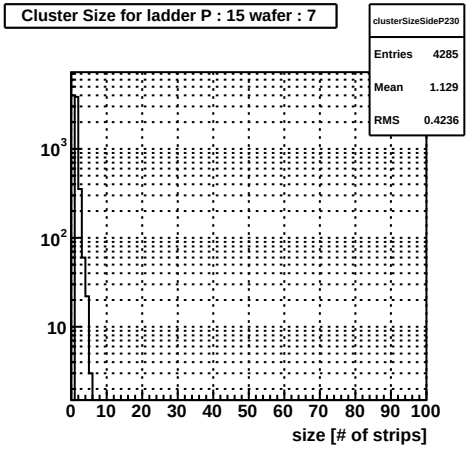

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 7055
Mean 1.061
RMS 0.2768
size [# of strips]

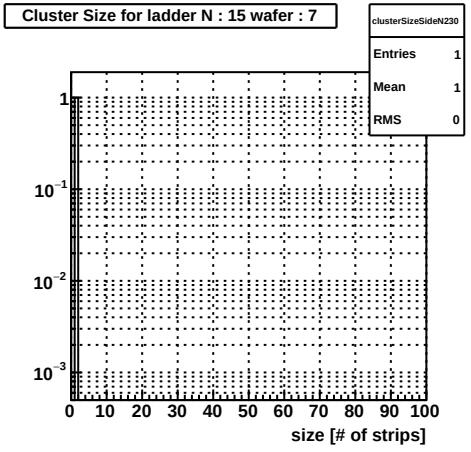

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 790
Mean 1.214
RMS 0.6588
size [# of strips]

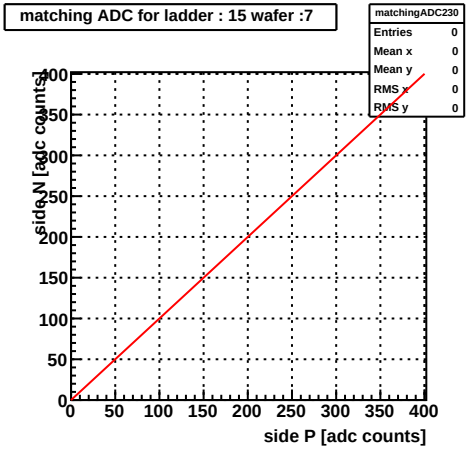

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 182
Mean x 83.09
Mean y 66.67
RMS x 77.11
RMS y 52.19
side N [adc counts]
side P [adc counts]

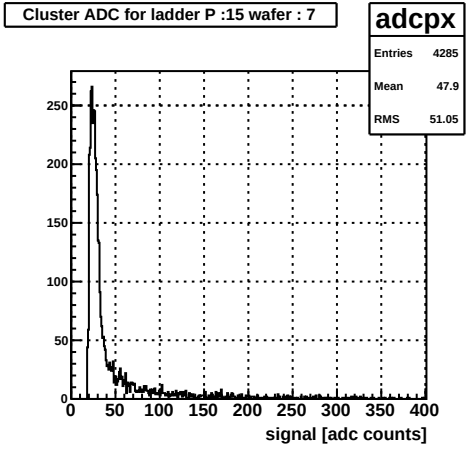

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 7055
Mean 33.45
RMS 33.03
signal [adc counts]

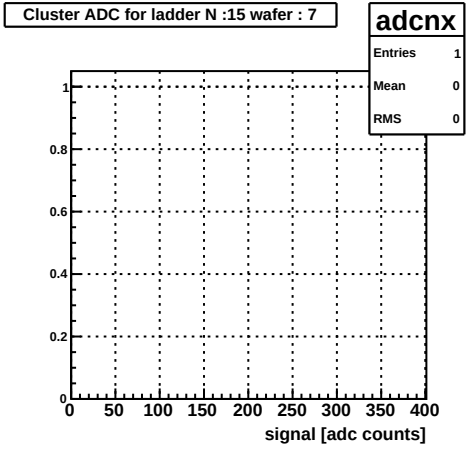

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 790
Mean 38.2
RMS 43
signal [adc counts]

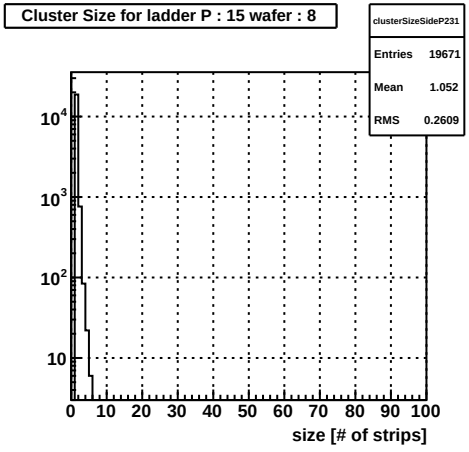

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4285
Mean 1.129
RMS 0.4236
size [# of strips]

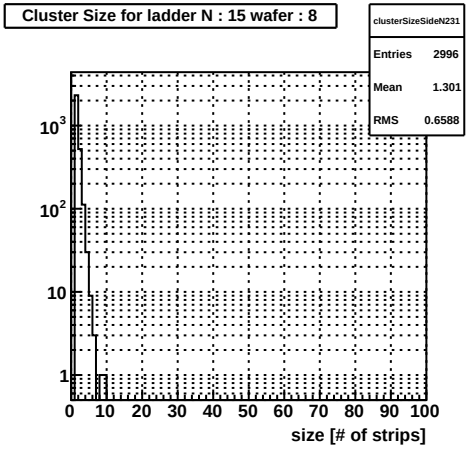

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

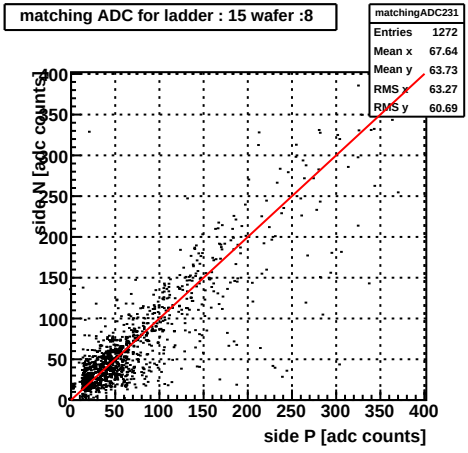

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

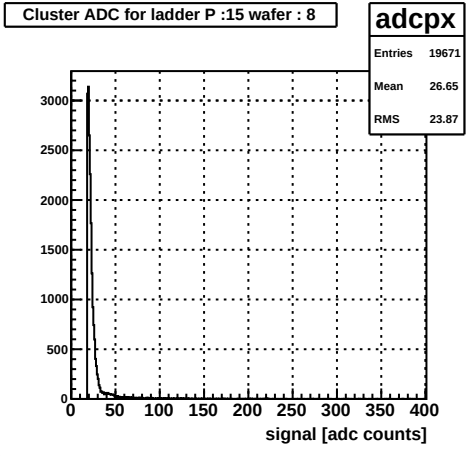

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4285
Mean 47.9
RMS 51.05
signal [adc counts]

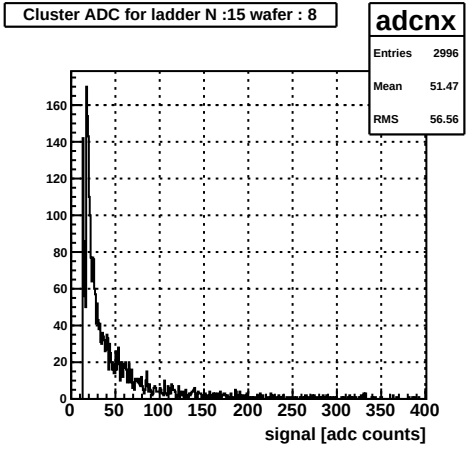

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

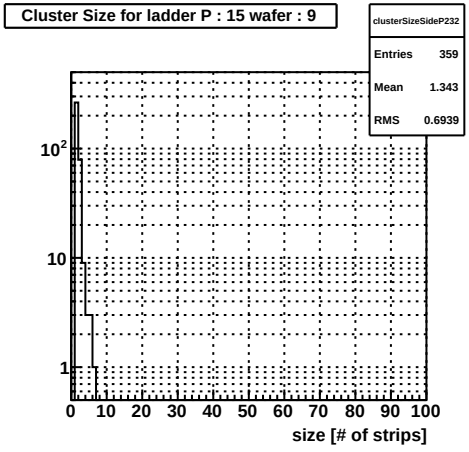

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 19671
Mean 1.052
RMS 0.2609
size [# of strips]

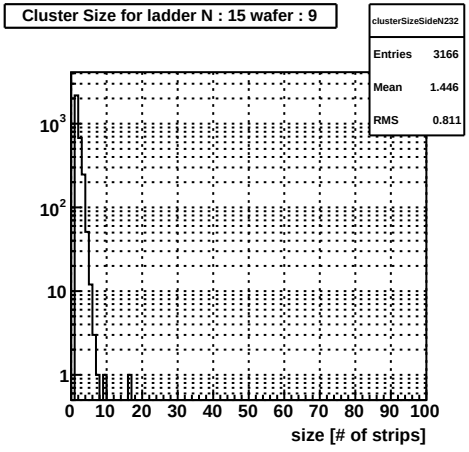

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2996
Mean 1.301
RMS 0.6588
size [# of strips]

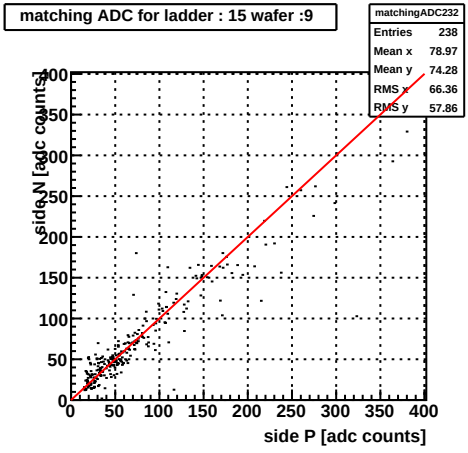

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1272
Mean x 67.64
Mean y 63.73
RMS x 63.27
RMS y 60.69
side N [adc counts]
side P [adc counts]

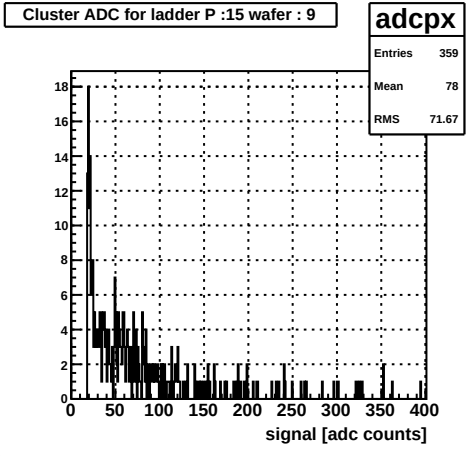

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 19671
Mean 26.65
RMS 23.87
signal [adc counts]

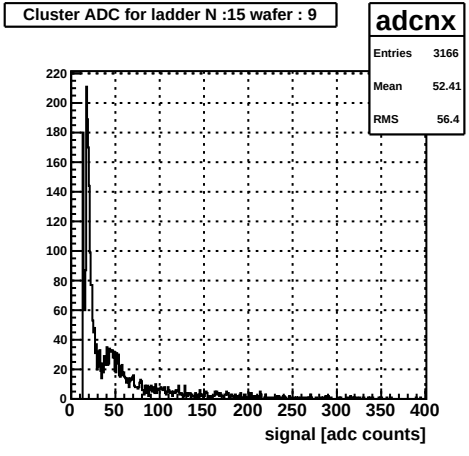

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2996
Mean 51.47
RMS 56.56
signal [adc counts]

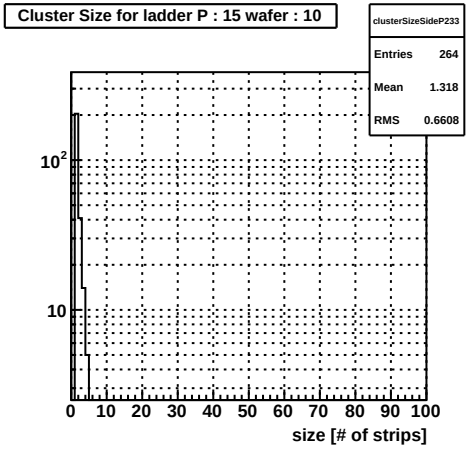

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 359
Mean 1.343
RMS 0.6939
size [# of strips]

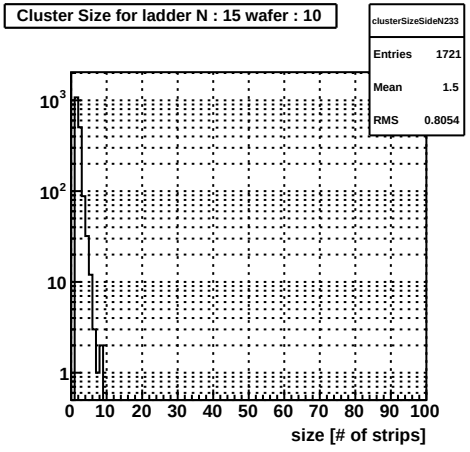

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3166
Mean 1.446
RMS 0.811
size [# of strips]

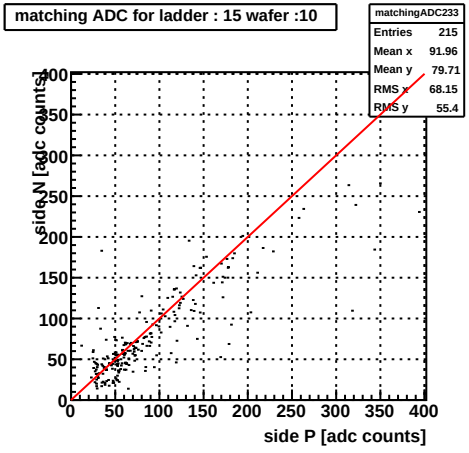

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 238
Mean x 78.97
Mean y 74.28
RMS x 66.36
RMS y 57.86
side N [adc counts]
side P [adc counts]

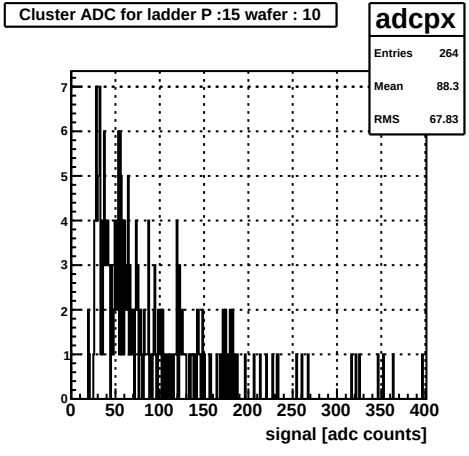

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 359
Mean 78
RMS 71.67
signal [adc counts]

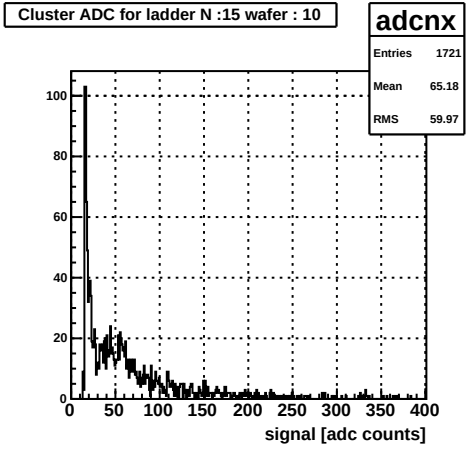

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3166
Mean 52.41
RMS 56.4
signal [adc counts]

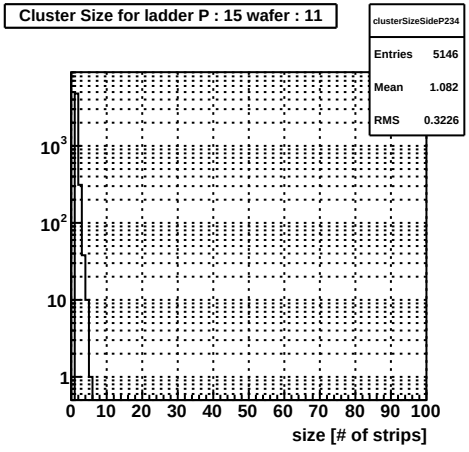

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 264
Mean 1.318
RMS 0.6608
size [# of strips]

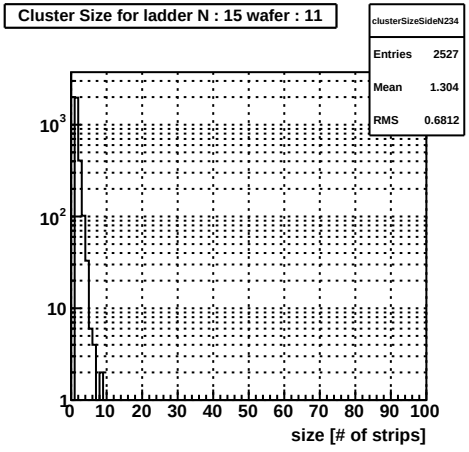

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1721
Mean 1.5
RMS 0.8054
size [# of strips]

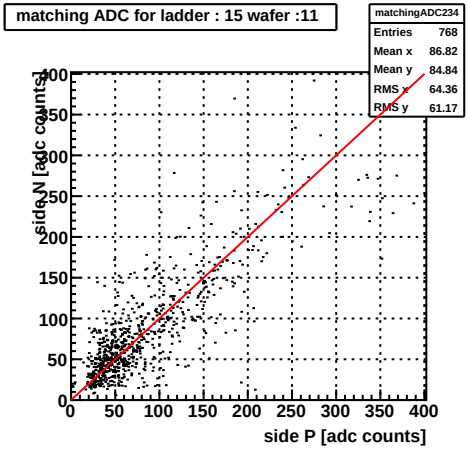

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 215
Mean x 91.96
Mean y 79.71
RMS x 68.15
RMS y 55.4
side N [adc counts]
side P [adc counts]

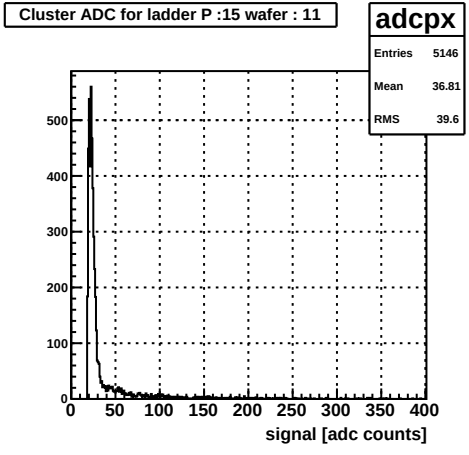

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 264
Mean 88.3
RMS 67.83
signal [adc counts]

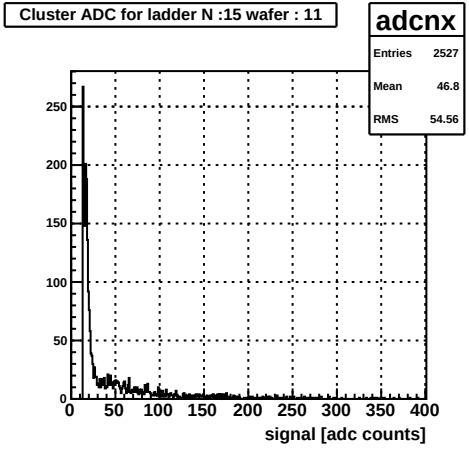

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1721
Mean 65.18
RMS 59.97
signal [adc counts]

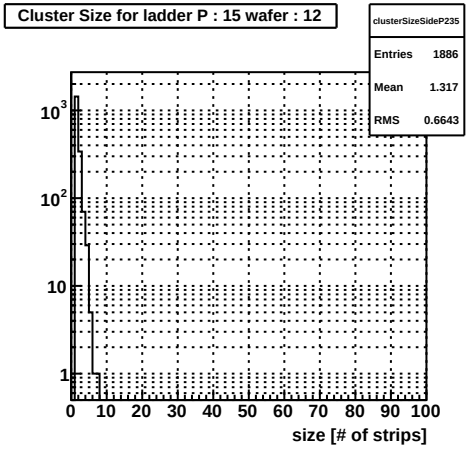

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 5146
Mean 1.082
RMS 0.3226
size [# of strips]

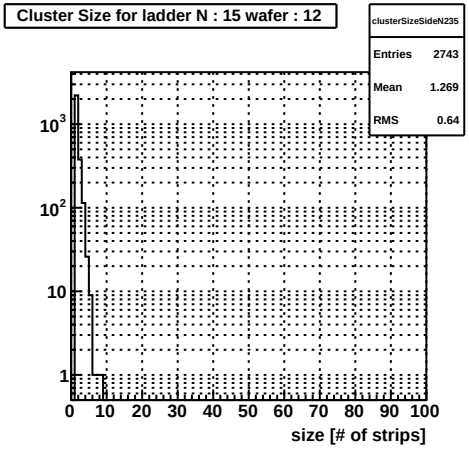

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2527
Mean 1.304
RMS 0.6812
size [# of strips]

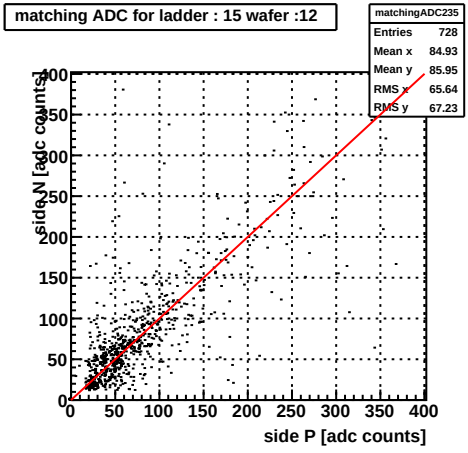

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 768
Mean x 86.82
Mean y 84.84
RMS x 64.36
RMS y 61.17
side N [adc counts]
side P [adc counts]

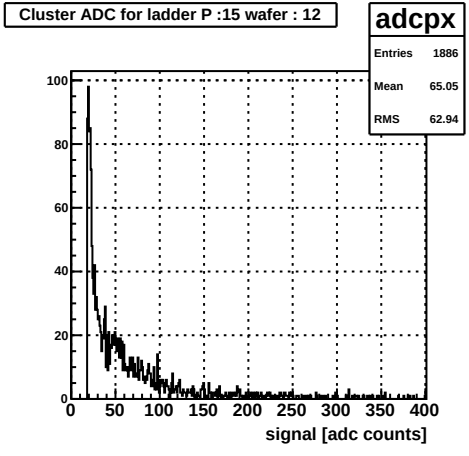

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 5146
Mean 36.81
RMS 39.6
signal [adc counts]

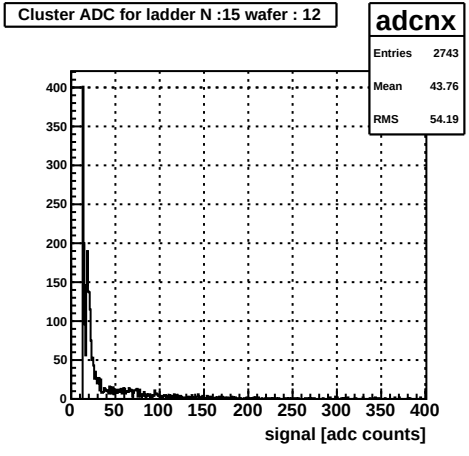

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2527
Mean 46.8
RMS 54.56
signal [adc counts]

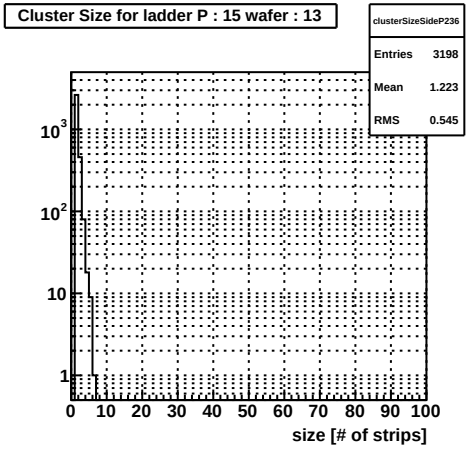

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1886
Mean 1.317
RMS 0.6643
size [# of strips]

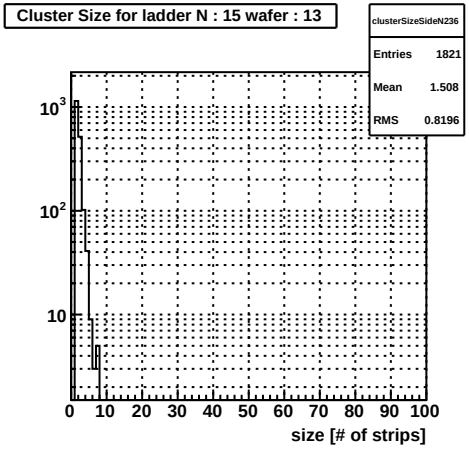

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2743
Mean 1.269
RMS 0.64
size [# of strips]

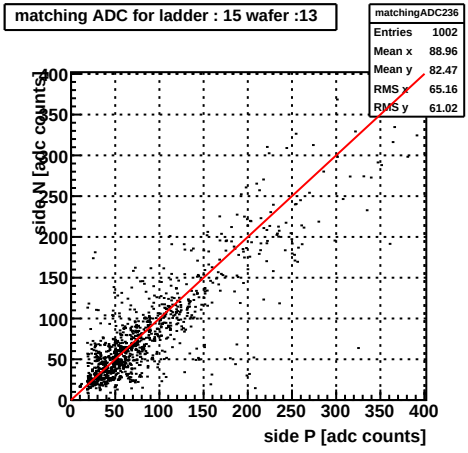

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 728
Mean x 84.93
Mean y 85.95
RMS x 65.64
RMS y 67.23
side N [adc counts]
side P [adc counts]

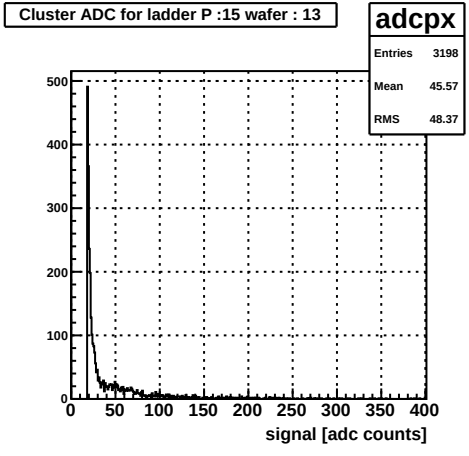

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1886
Mean 65.05
RMS 62.94
signal [adc counts]

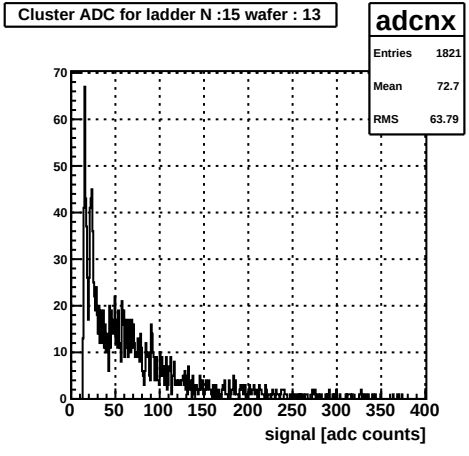

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2743
Mean 43.76
RMS 54.19
signal [adc counts]

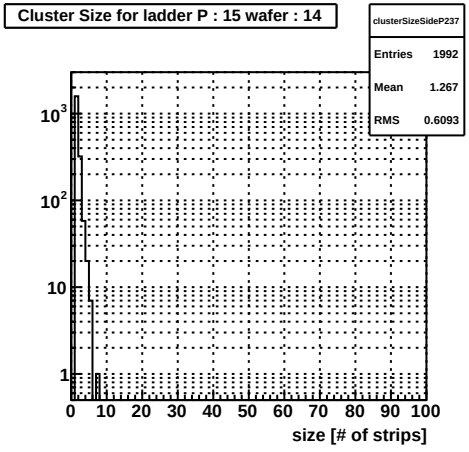

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3198
Mean 1.223
RMS 0.545
size [# of strips]

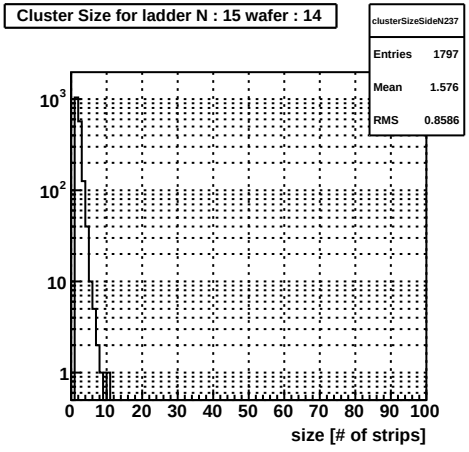

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1821
Mean 1.508
RMS 0.8196
size [# of strips]

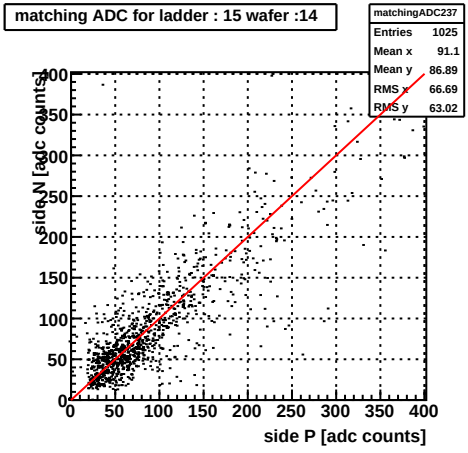

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1002
Mean x 88.96
Mean y 82.47
RMS x 65.16
RMS y 61.02
side N [adc counts]
side P [adc counts]

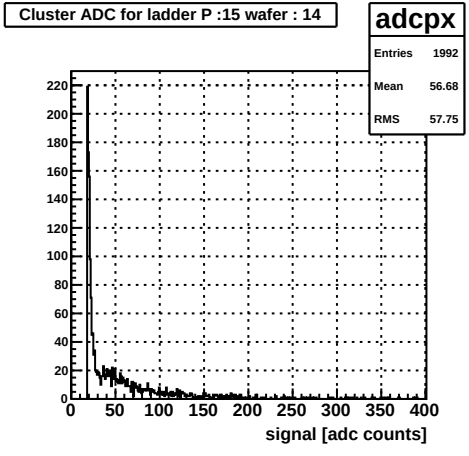

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3198
Mean 45.57
RMS 48.37
signal [adc counts]

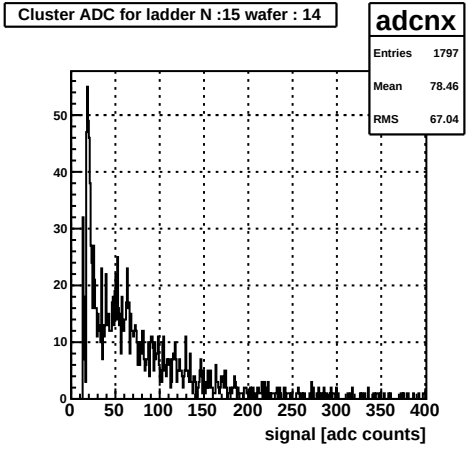

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1821
Mean 72.7
RMS 63.79
signal [adc counts]

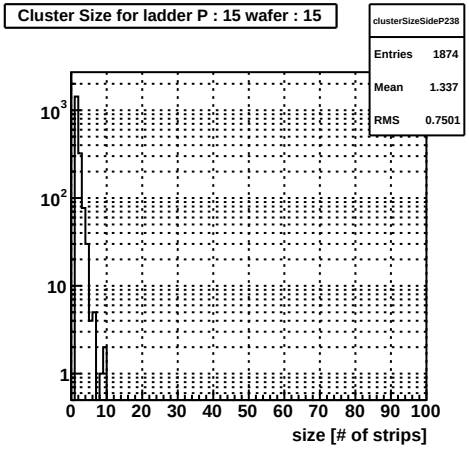

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1992
Mean 1.267
RMS 0.6093
size [# of strips]

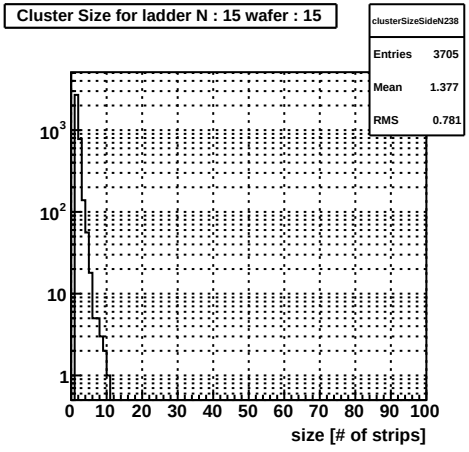

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1797
Mean 1.576
RMS 0.8586
size [# of strips]

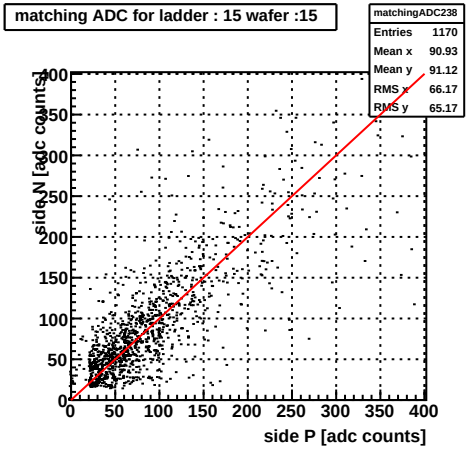

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1025
Mean x 91.1
Mean y 86.89
RMS x 66.69
RMS y 63.02
side N [adc counts]
side P [adc counts]

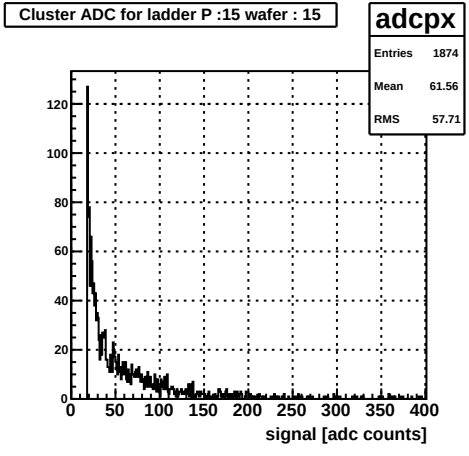

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1992
Mean 56.68
RMS 57.75
signal [adc counts]

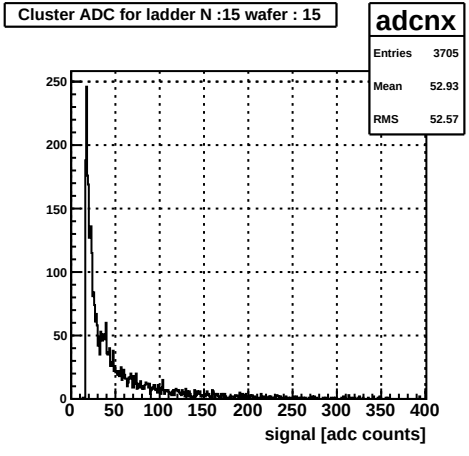

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1797
Mean 78.46
RMS 67.04
signal [adc counts]

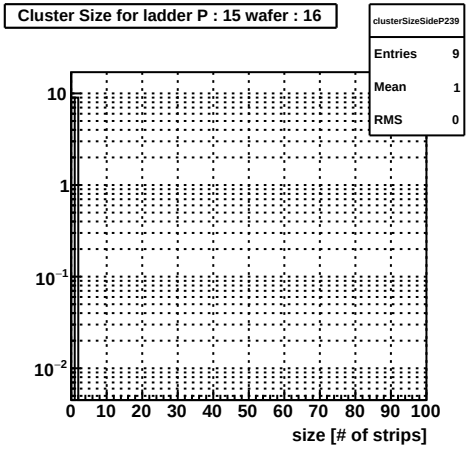

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1874
Mean 1.337
RMS 0.7501
size [# of strips]

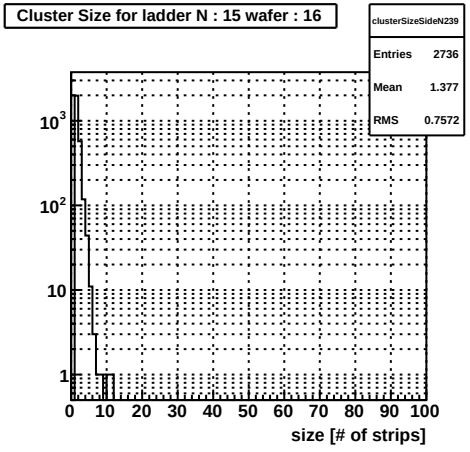

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3705
Mean 1.377
RMS 0.781
size [# of strips]

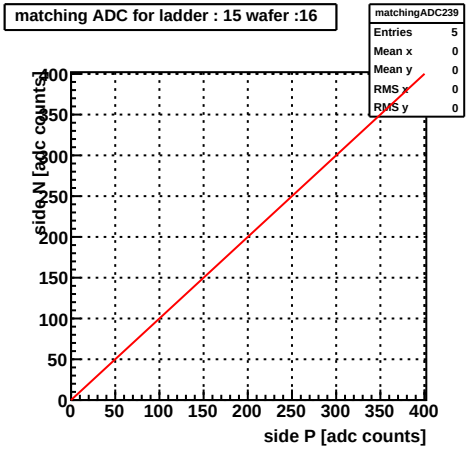

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1170
Mean x 90.93
Mean y 91.12
RMS x 66.17
RMS y 65.17
side N [adc counts]
side P [adc counts]

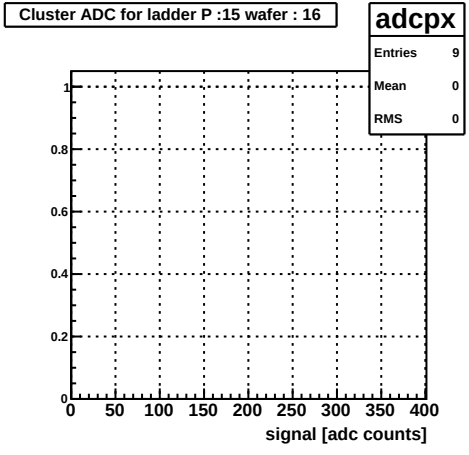

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1874
Mean 61.56
RMS 57.71
signal [adc counts]

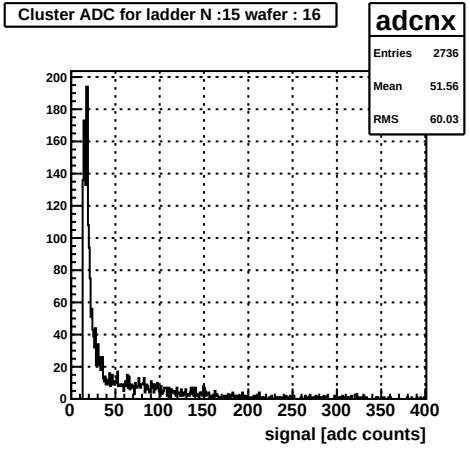

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3705
Mean 52.93
RMS 52.57
signal [adc counts]

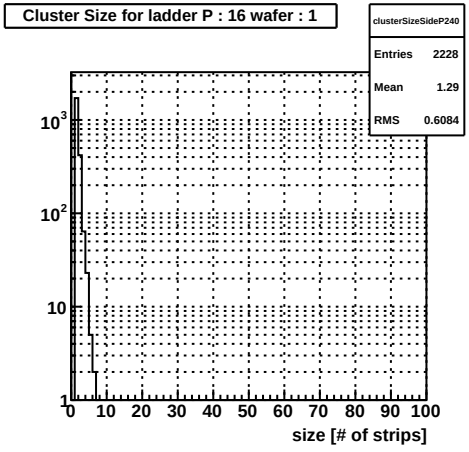

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 9
Mean 1
RMS 0
size [# of strips]

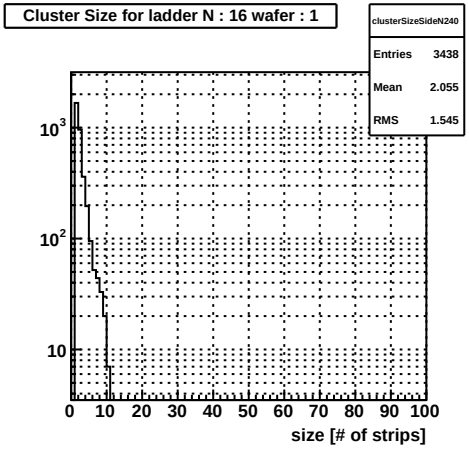

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2736
Mean 1.377
RMS 0.7572
size [# of strips]

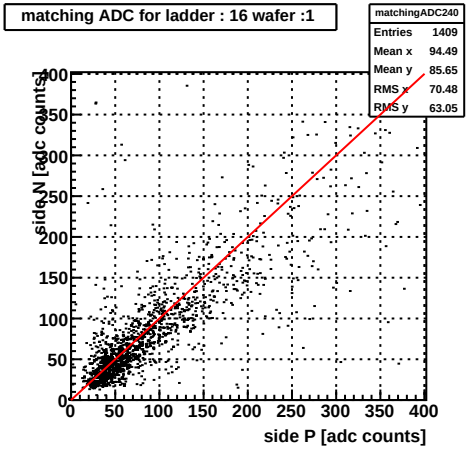

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

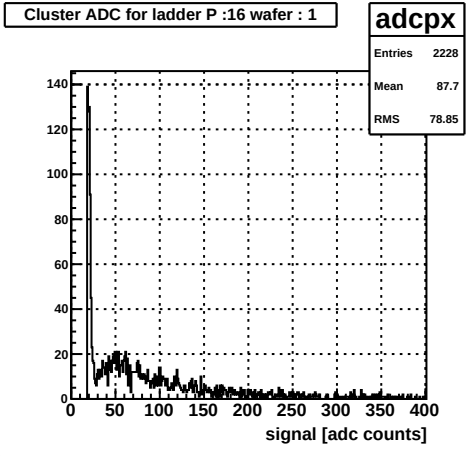

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

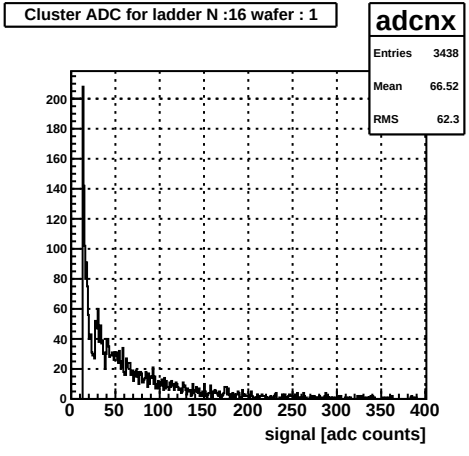

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2736
Mean 51.56
RMS 60.03
signal [adc counts]

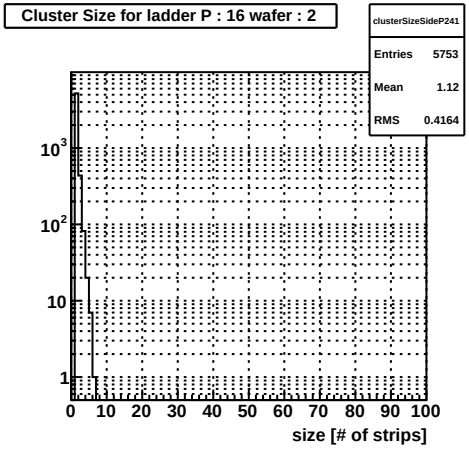

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2228
Mean 1.29
RMS 0.6084
size [# of strips]

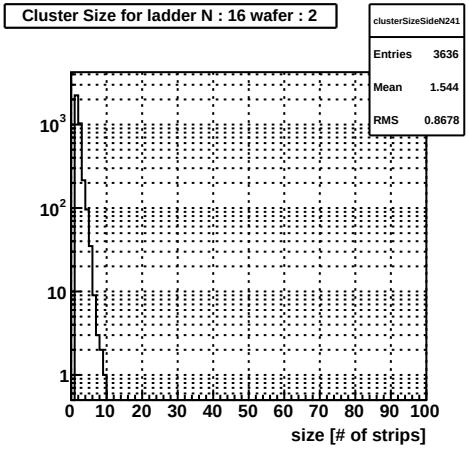

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3438
Mean 2.055
RMS 1.545
size [# of strips]

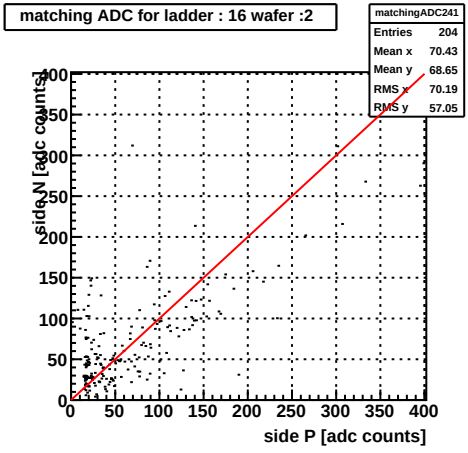

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1409
Mean x 94.49
Mean y 85.65
RMS x 70.48
RMS y 63.05
side N [adc counts]
side P [adc counts]

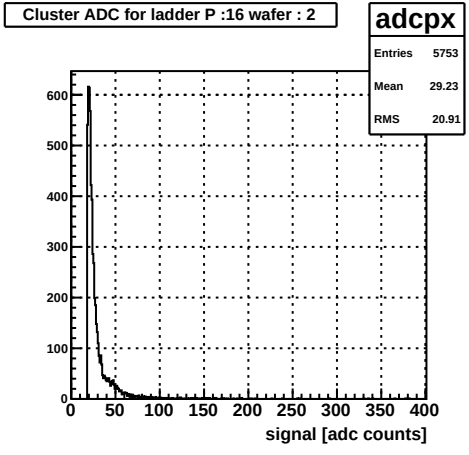

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2228
Mean 87.7
RMS 78.85
signal [adc counts]

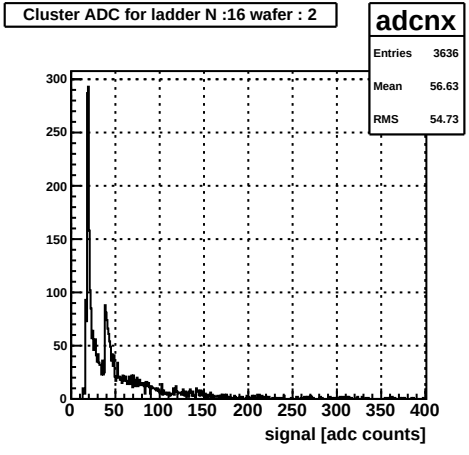

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3438
Mean 66.52
RMS 62.3
signal [adc counts]

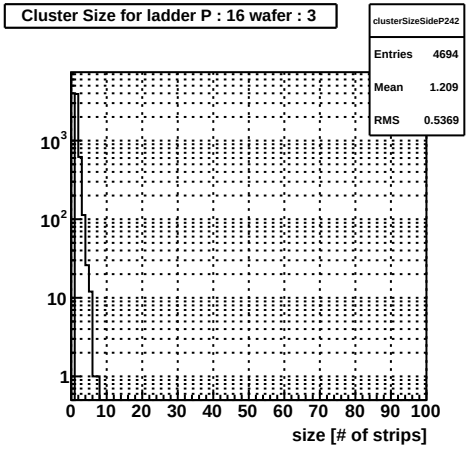

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5753
Mean 1.12
RMS 0.4164
size [# of strips]

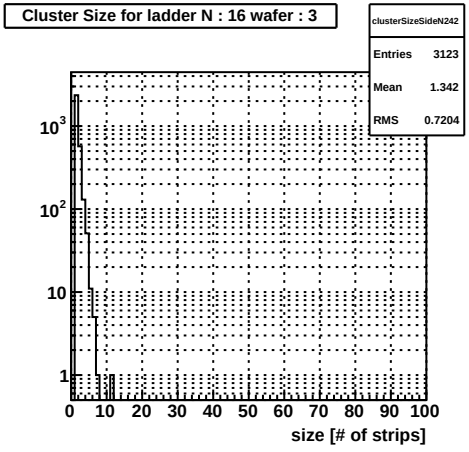

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 3636
Mean 1.544
RMS 0.8678
size [# of strips]

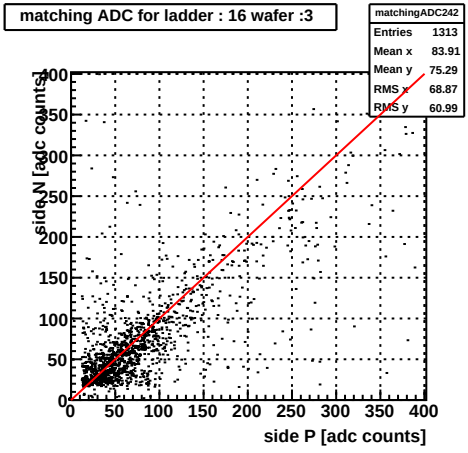

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 204
Mean x 70.43
Mean y 68.65
RMS x 70.19
RMS y 57.05
side N [adc counts]
side P [adc counts]

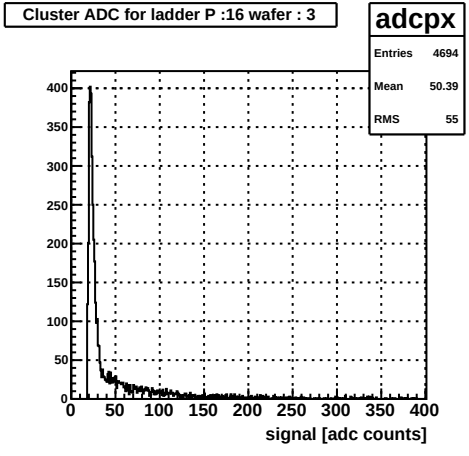

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5753
Mean 29.23
RMS 20.91
signal [adc counts]

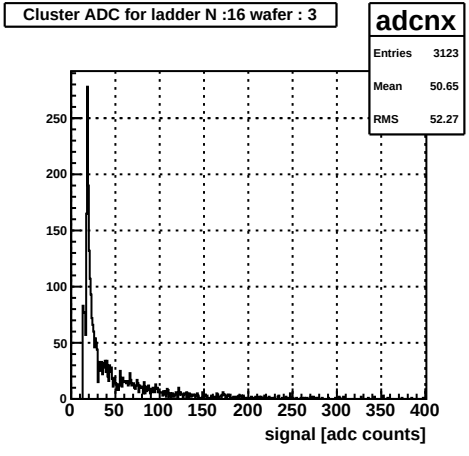

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 3636
Mean 56.63
RMS 54.73
signal [adc counts]

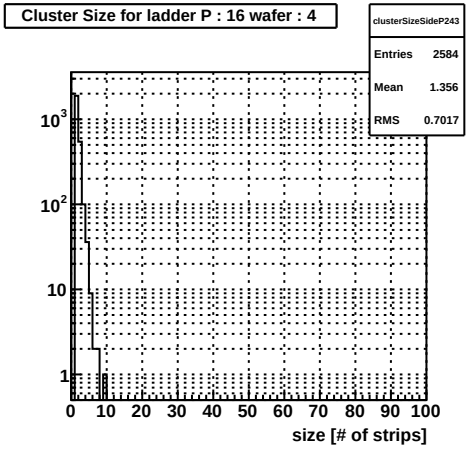

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 4694
Mean 1.209
RMS 0.5369
size [# of strips]

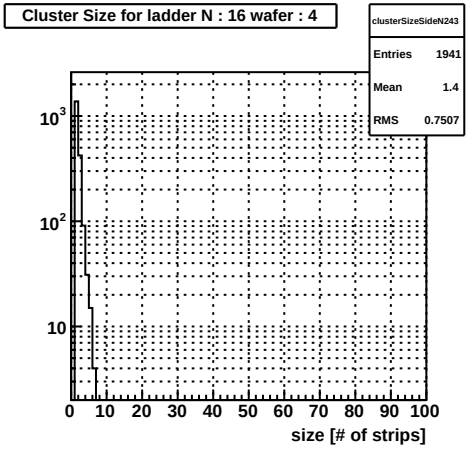

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 3123
Mean 1.342
RMS 0.7204
size [# of strips]

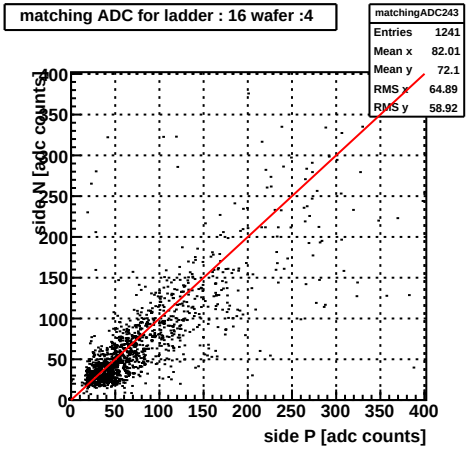

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1313
Mean x 83.91
Mean y 75.29
RMS x 68.87
RMS y 60.99
side N [adc counts]
side P [adc counts]

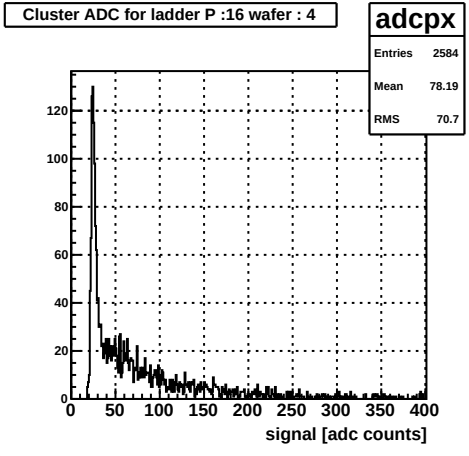

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 4694
Mean 50.39
RMS 55
signal [adc counts]

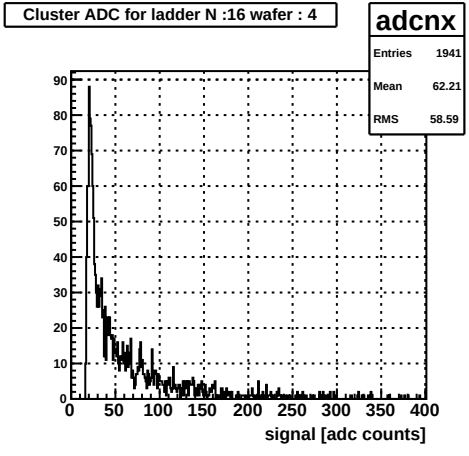

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 3123
Mean 50.65
RMS 52.27
signal [adc counts]

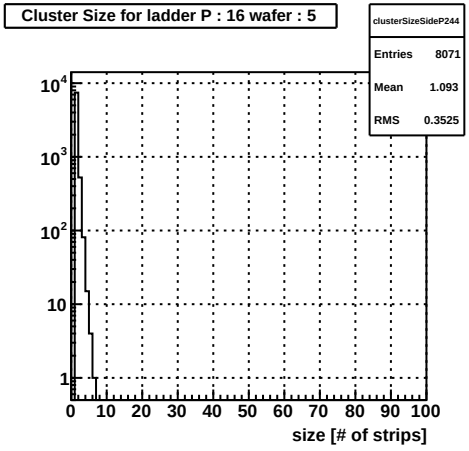

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2584
Mean 1.356
RMS 0.7017
size [# of strips]

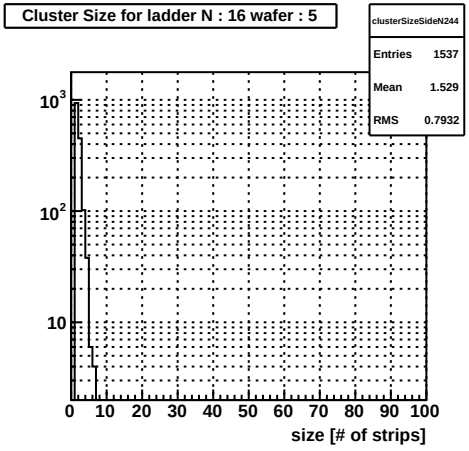

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 1941
Mean 1.4
RMS 0.7507
size [# of strips]

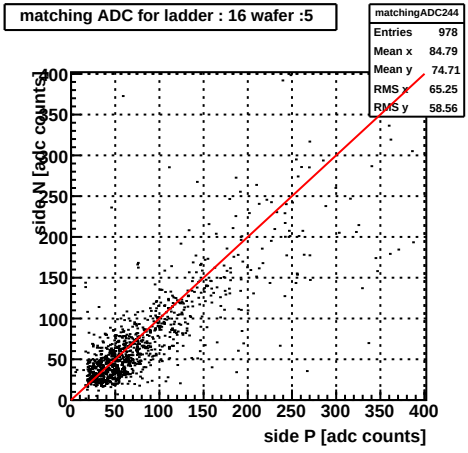

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1241
Mean x 82.01
Mean y 72.1
RMS x 64.89
RMS y 58.92
side N [adc counts]
side P [adc counts]

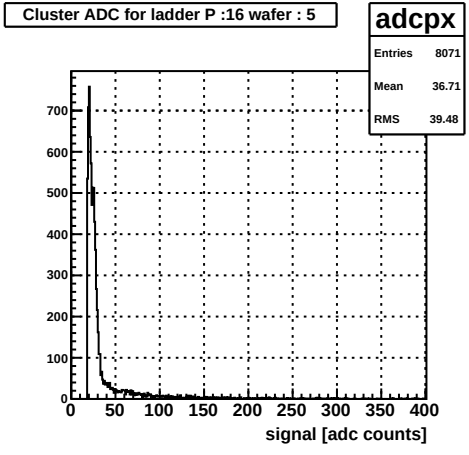

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2584
Mean 78.19
RMS 70.7
signal [adc counts]

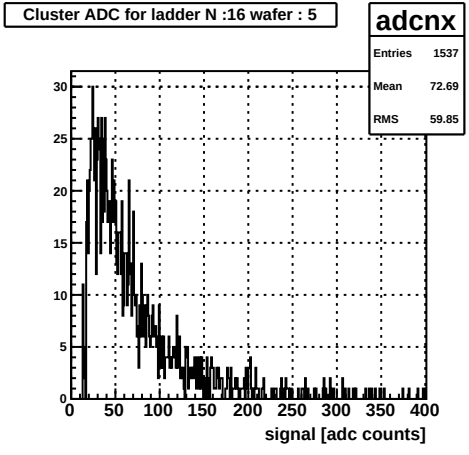

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 1941
Mean 62.21
RMS 58.59
signal [adc counts]

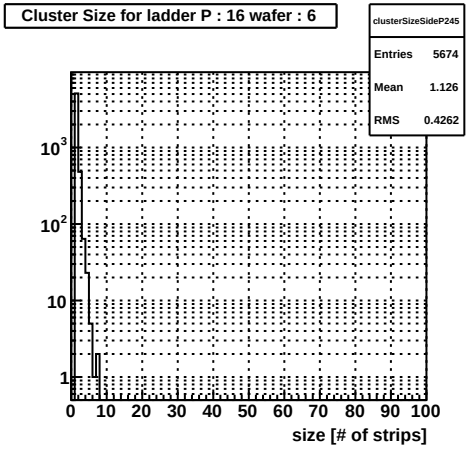

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 8071
Mean 1.093
RMS 0.3525
size [# of strips]

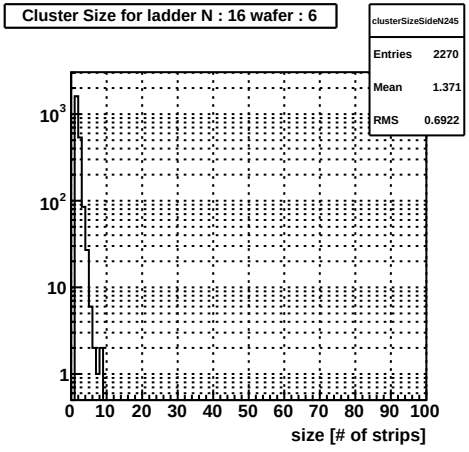

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1537
Mean 1.529
RMS 0.7932
size [# of strips]

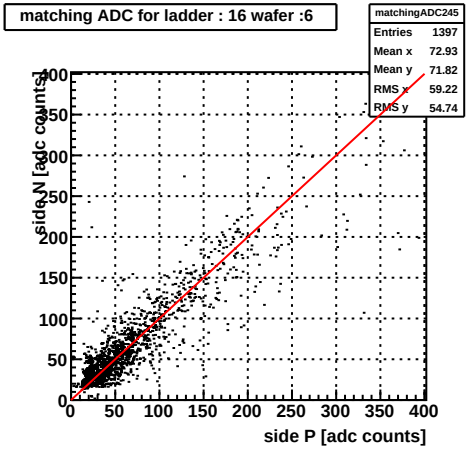

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 978
Mean x 84.79
Mean y 74.71
RMS x 65.25
RMS y 58.56
side N [adc counts]
side P [adc counts]

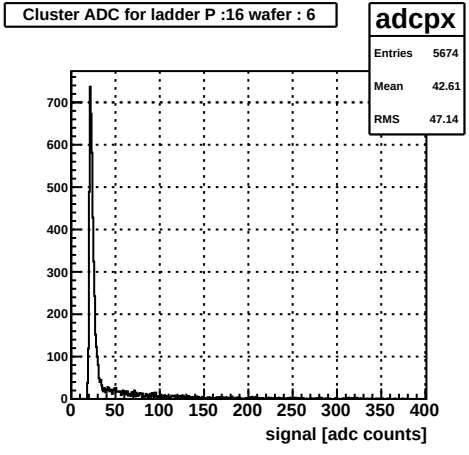

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 8071
Mean 36.71
RMS 39.48
signal [adc counts]

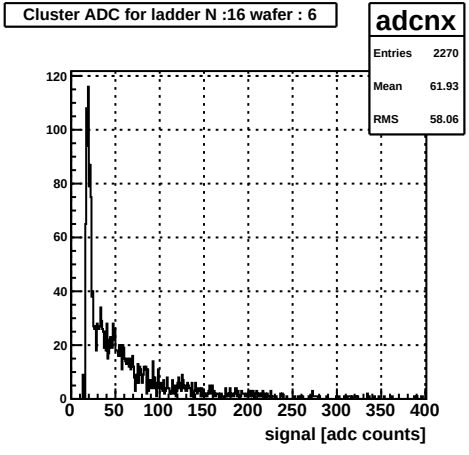

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1537
Mean 72.69
RMS 59.85
signal [adc counts]

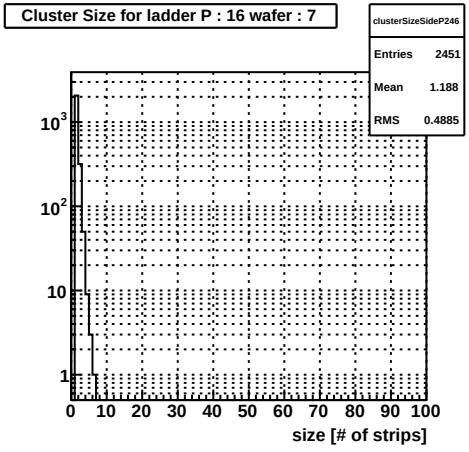

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 5674
Mean 1.126
RMS 0.4262
size [# of strips]

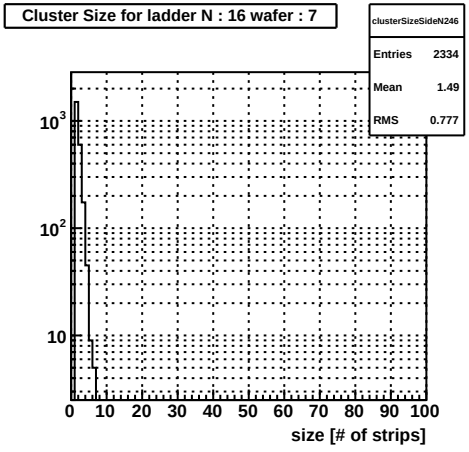

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2270
Mean 1.371
RMS 0.6922
size [# of strips]

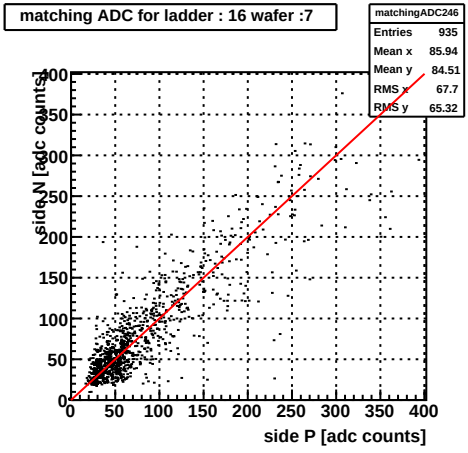

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1397
Mean x 72.93
Mean y 71.82
RMS x 59.22
RMS y 54.74
side N [adc counts]
side P [adc counts]

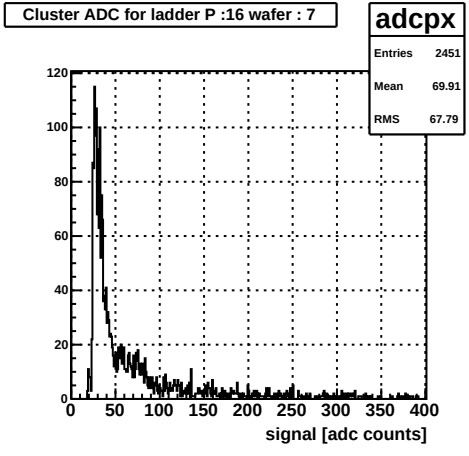

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 5674
Mean 42.61
RMS 47.14
signal [adc counts]

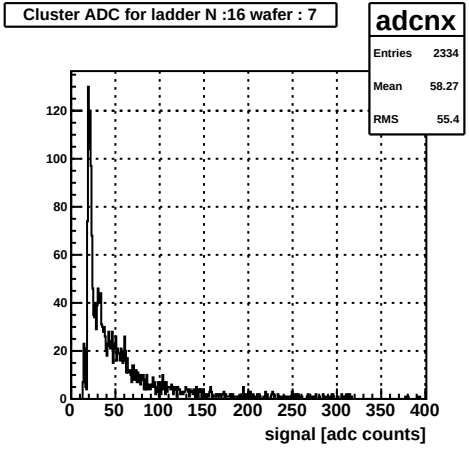

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2270
Mean 61.93
RMS 58.06
signal [adc counts]

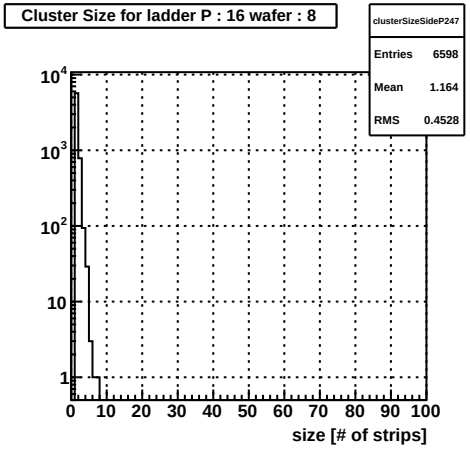

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 2451
Mean 1.188
RMS 0.4885
size [# of strips]

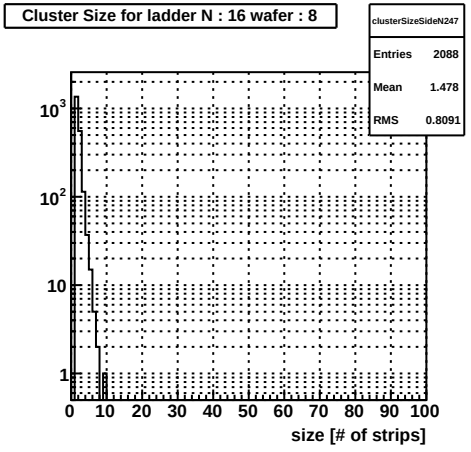

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2334
Mean 1.49
RMS 0.777
size [# of strips]

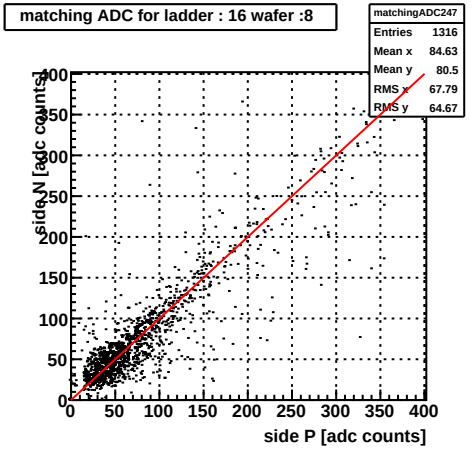

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 935
Mean x 85.94
Mean y 84.51
RMS x 67.7
RMS y 65.32
side N [adc counts]
side P [adc counts]

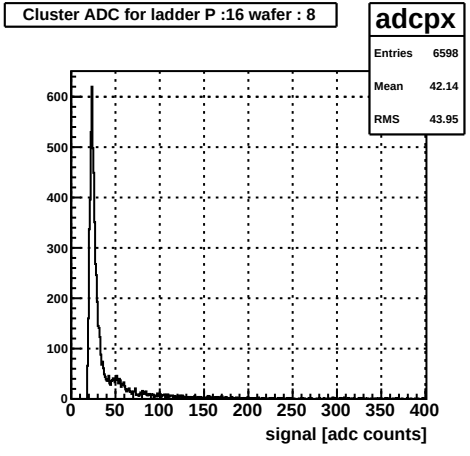

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 2451
Mean 69.91
RMS 67.79
signal [adc counts]

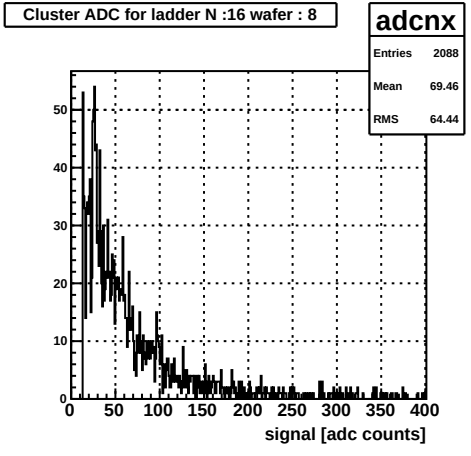

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2334
Mean 58.27
RMS 55.4
signal [adc counts]

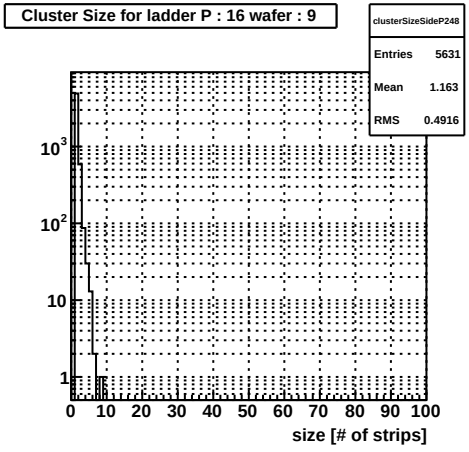

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 6598
Mean 1.164
RMS 0.4528
size [# of strips]

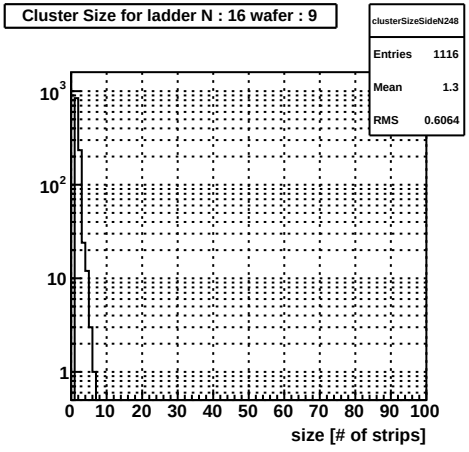

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2088
Mean 1.478
RMS 0.8091
size [# of strips]

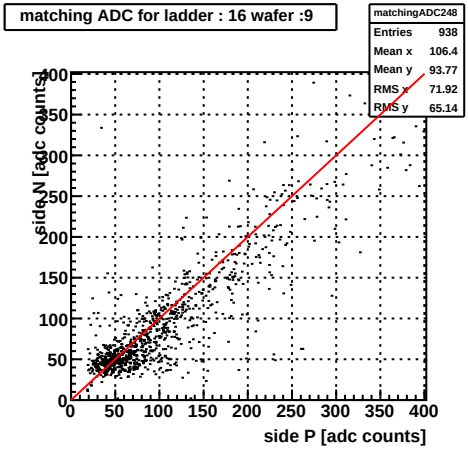

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1316
Mean x 84.63
Mean y 80.5
RMS x 67.79
RMS y 64.67
side N [adc counts]
side P [adc counts]

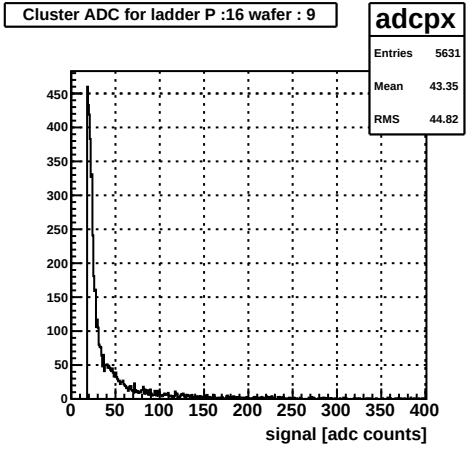

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 6598
Mean 42.14
RMS 43.95
signal [adc counts]

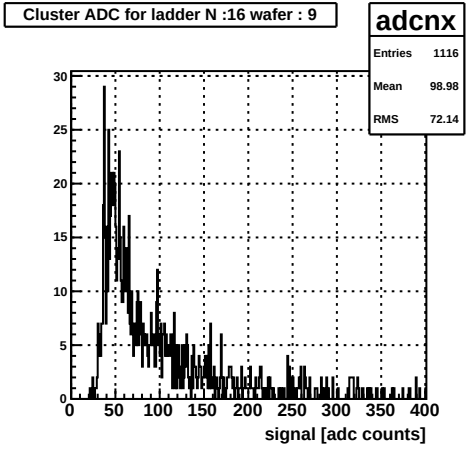

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2088
Mean 69.46
RMS 64.44
signal [adc counts]

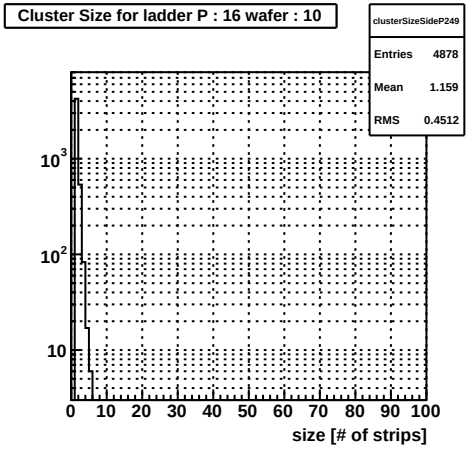

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 5631
Mean 1.163
RMS 0.4916
size [# of strips]

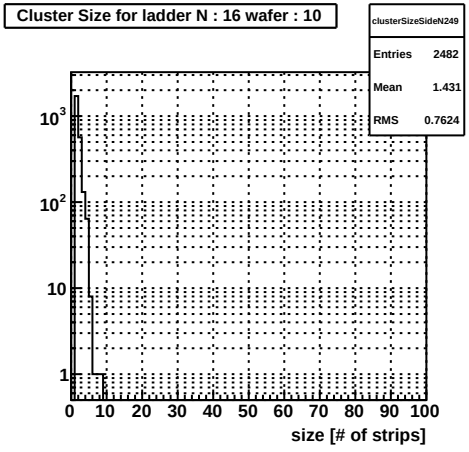

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1116
Mean 1.3
RMS 0.6064
size [# of strips]

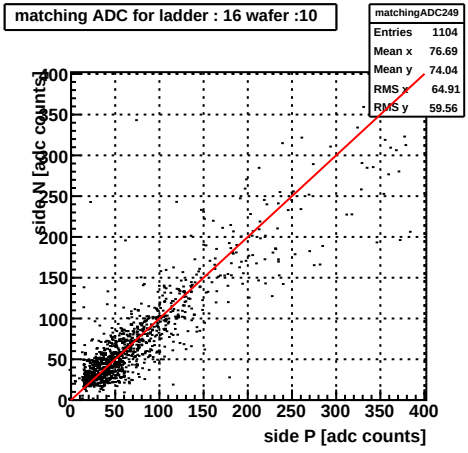

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 938
Mean x 106.4
Mean y 93.77
RMS x 71.92
RMS y 65.14
side N [adc counts]
side P [adc counts]

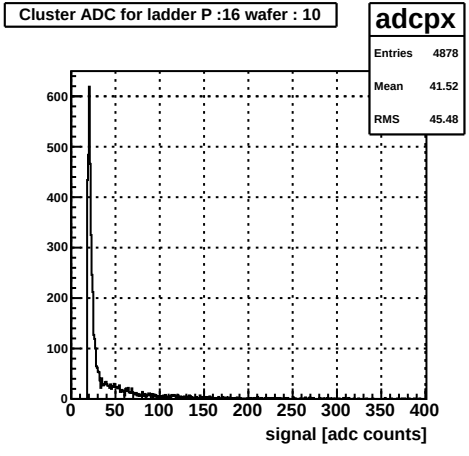

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 5631
Mean 43.35
RMS 44.82
signal [adc counts]

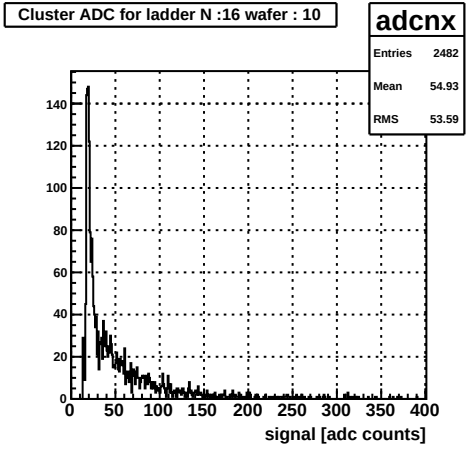

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1116
Mean 98.98
RMS 72.14
signal [adc counts]

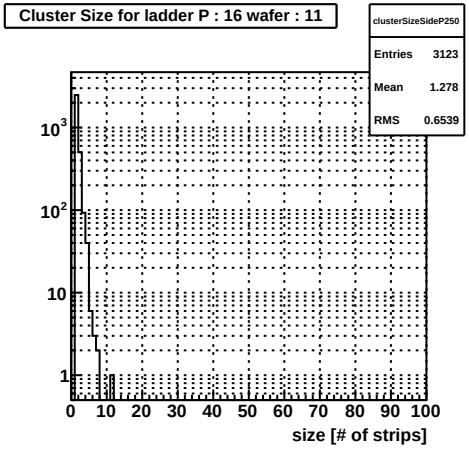

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4878
Mean 1.159
RMS 0.4512
size [# of strips]

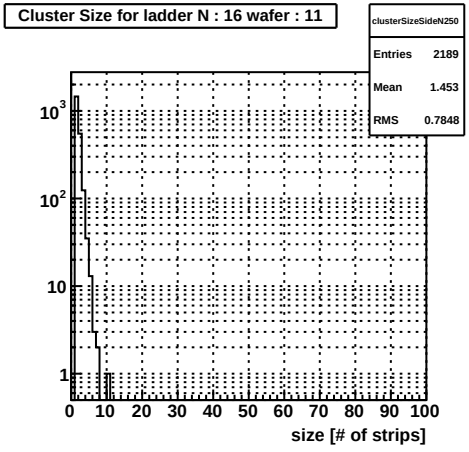

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2482
Mean 1.431
RMS 0.7624
size [# of strips]

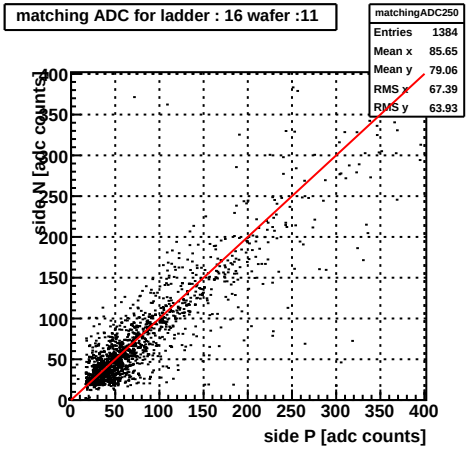

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1104
Mean x 76.69
Mean y 74.04
RMS x 64.91
RMS y 59.56
side N [adc counts]
side P [adc counts]

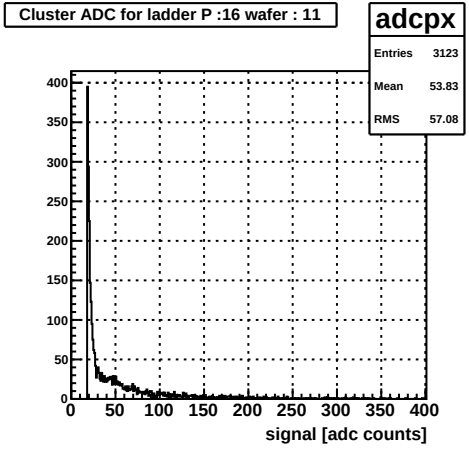

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4878
Mean 41.52
RMS 45.48
signal [adc counts]

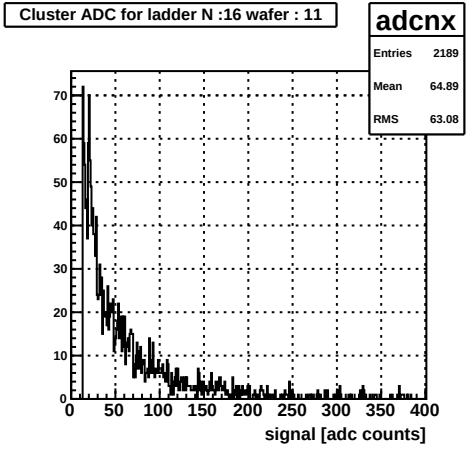

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2482
Mean 54.93
RMS 53.59
signal [adc counts]

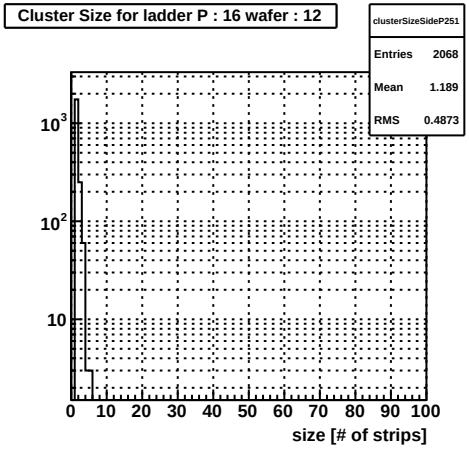

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3123
Mean 1.278
RMS 0.6539
size [# of strips]

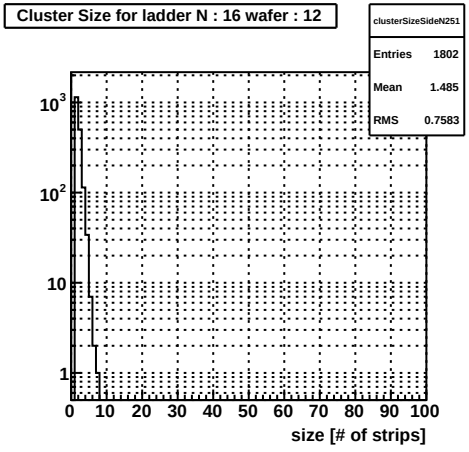

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2189
Mean 1.453
RMS 0.7848
size [# of strips]

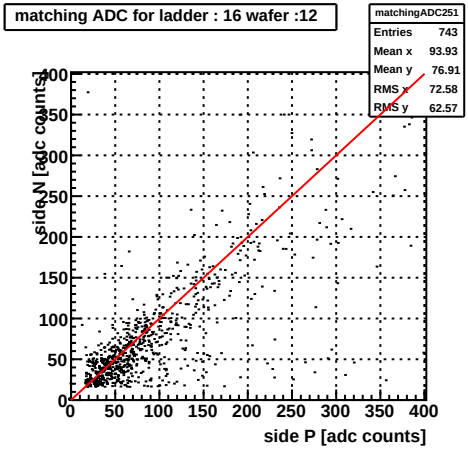

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1384
Mean x 85.65
Mean y 79.06
RMS x 67.39
RMS y 63.93
side N [adc counts]
side P [adc counts]

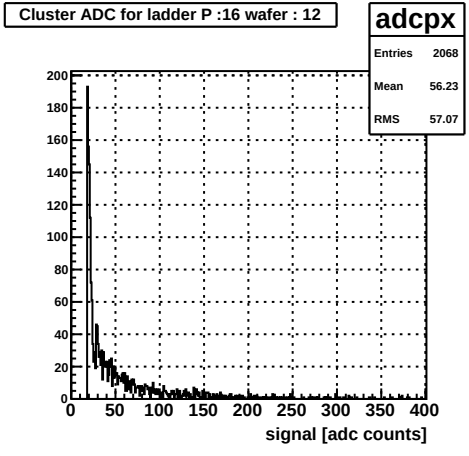

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3123
Mean 53.83
RMS 57.08
signal [adc counts]

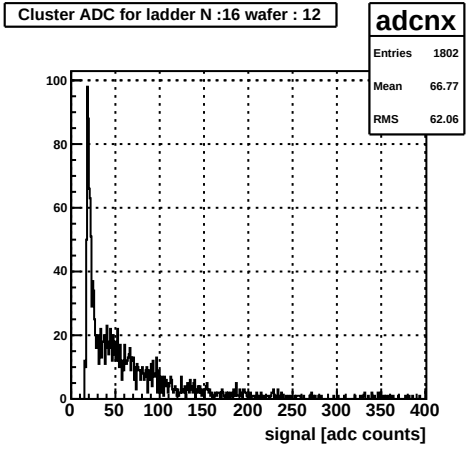

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2189
Mean 64.89
RMS 63.08
signal [adc counts]

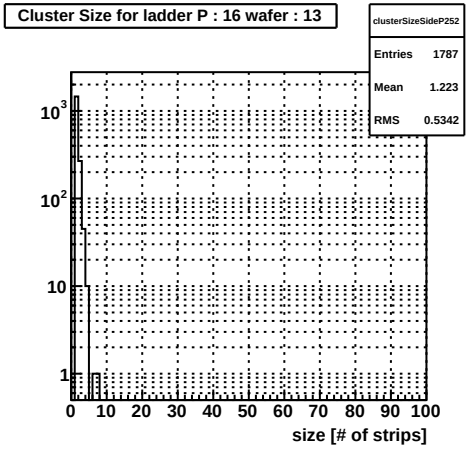

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2068
Mean 1.189
RMS 0.4873
size [# of strips]

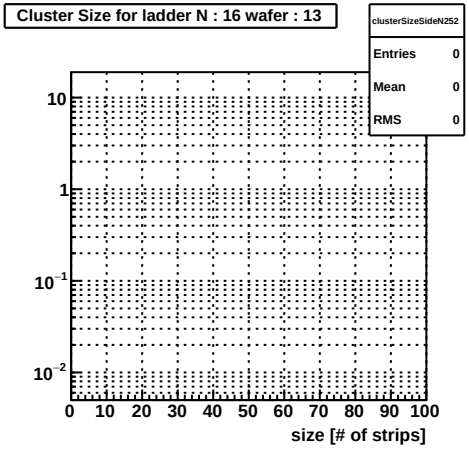

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1802
Mean 1.485
RMS 0.7583
size [# of strips]

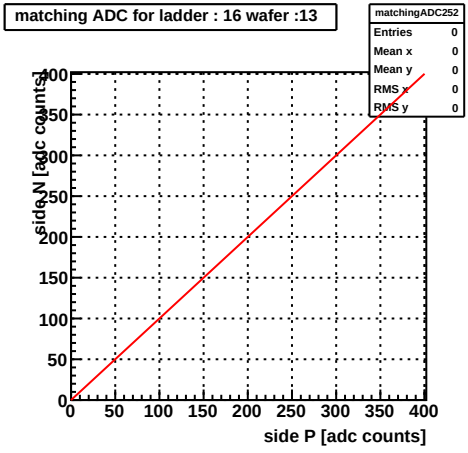

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 743
Mean x 93.93
Mean y 76.91
RMS x 72.58
RMS y 62.57
side N [adc counts]
side P [adc counts]

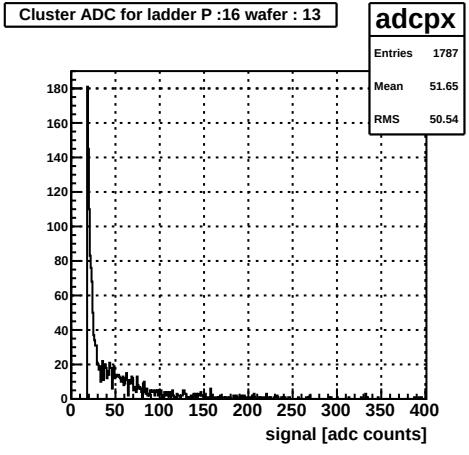

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2068
Mean 56.23
RMS 57.07
signal [adc counts]

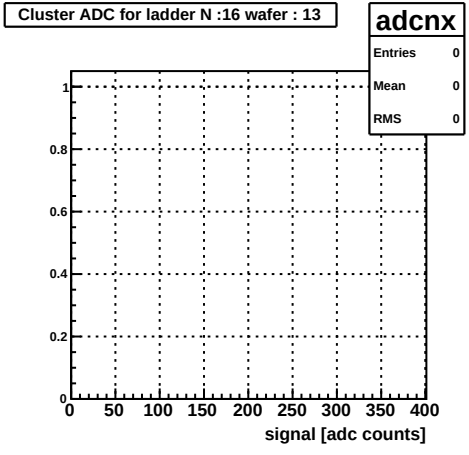

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1802
Mean 66.77
RMS 62.06
signal [adc counts]

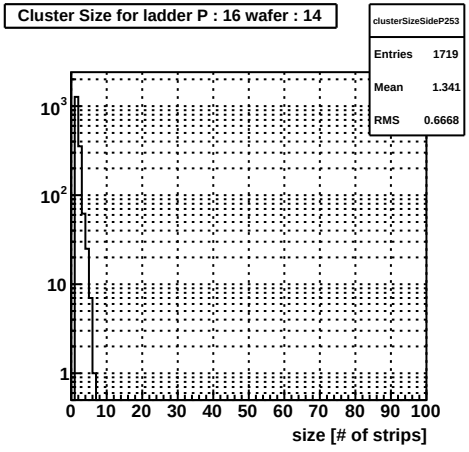

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1787
Mean 1.223
RMS 0.5342
size [# of strips]

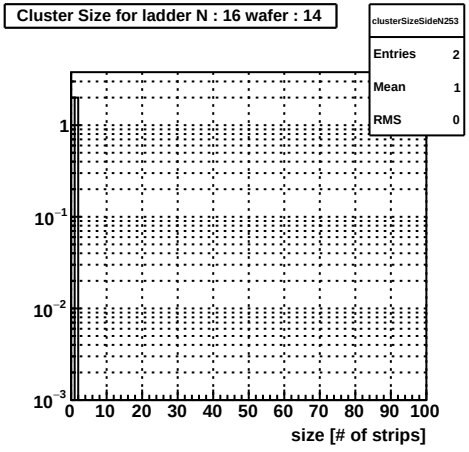

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

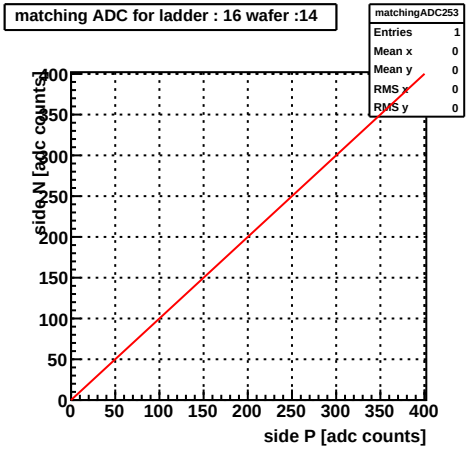

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

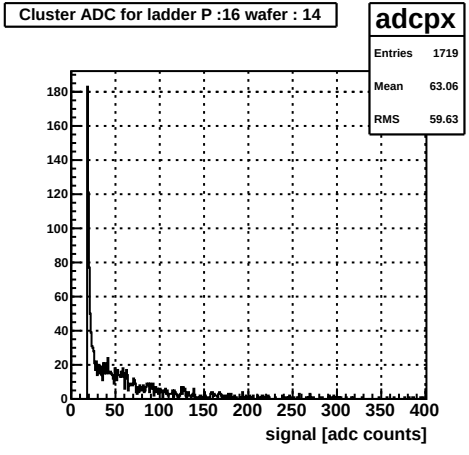

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1787
Mean 51.65
RMS 50.54
signal [adc counts]

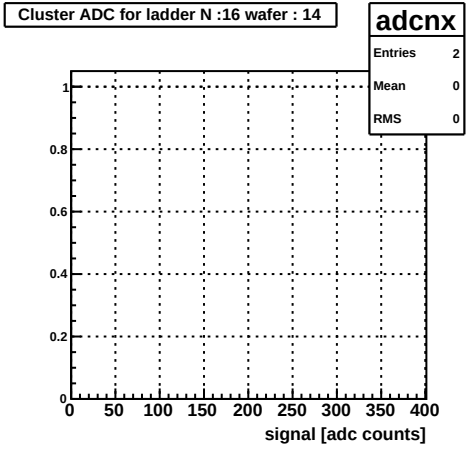

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

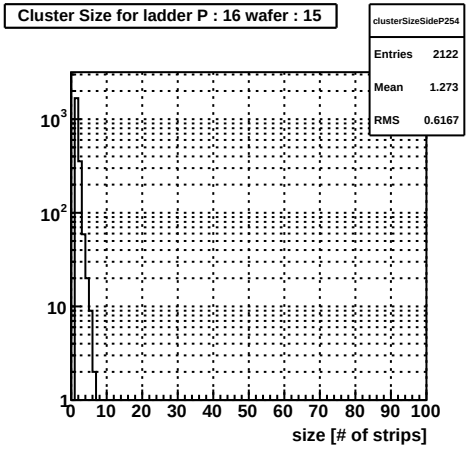

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1719
Mean 1.341
RMS 0.6668
size [# of strips]

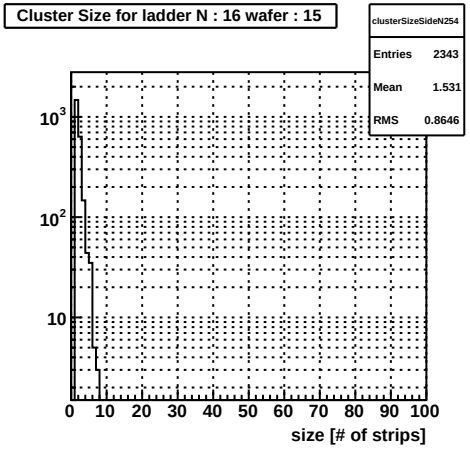

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

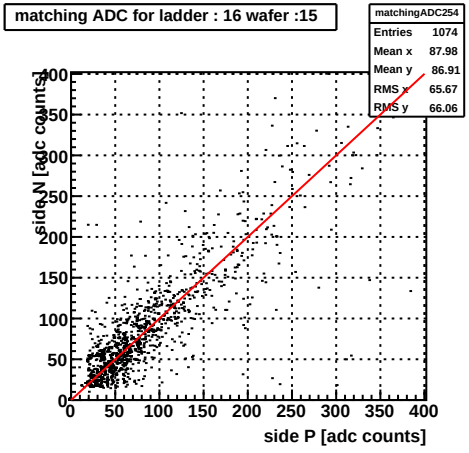

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

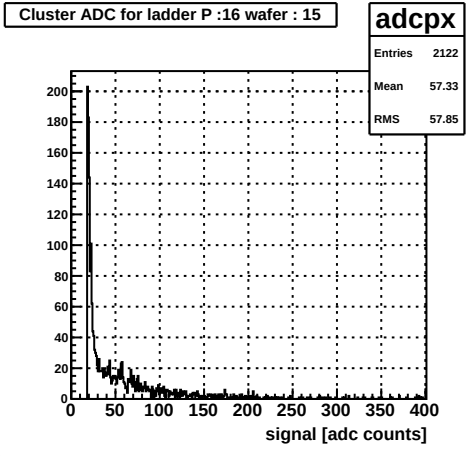

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1719
Mean 63.06
RMS 59.63
signal [adc counts]

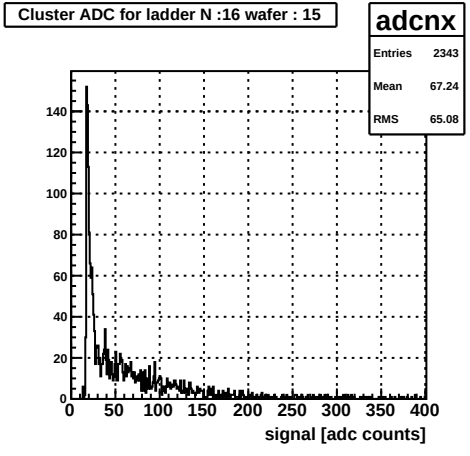

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

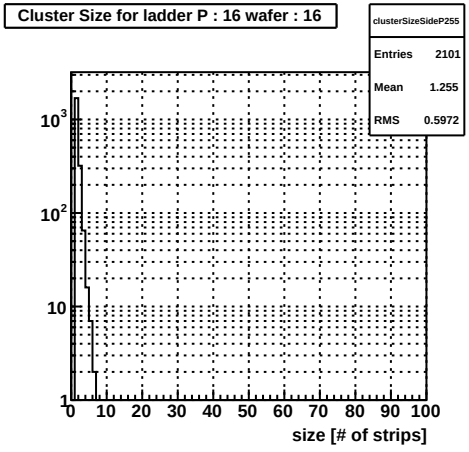

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2122
Mean 1.273
RMS 0.6167
size [# of strips]

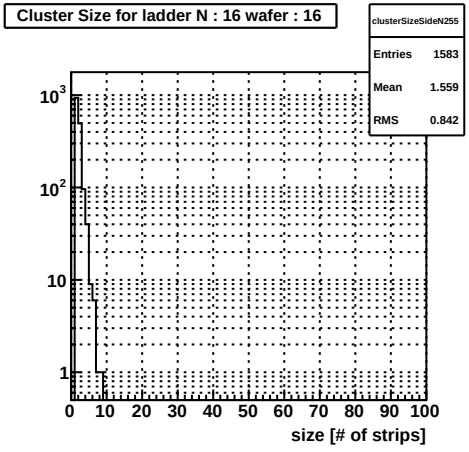

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2343
Mean 1.531
RMS 0.8646
size [# of strips]

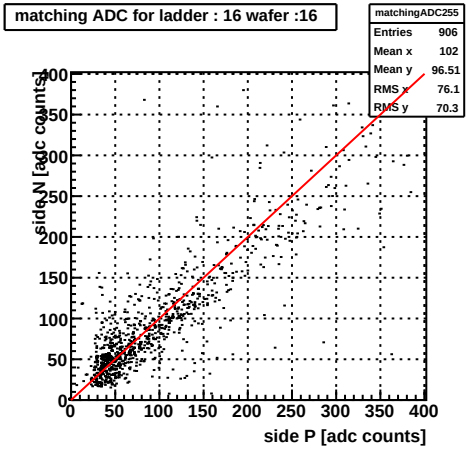

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1074
Mean x 87.98
Mean y 86.91
RMS x 65.67
RMS y 66.06
side N [adc counts]
side P [adc counts]

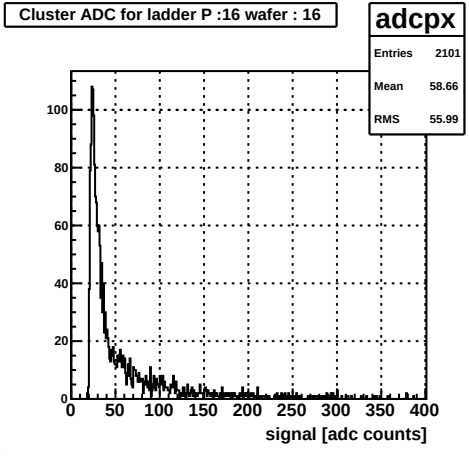

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2122
Mean 57.33
RMS 57.85
signal [adc counts]

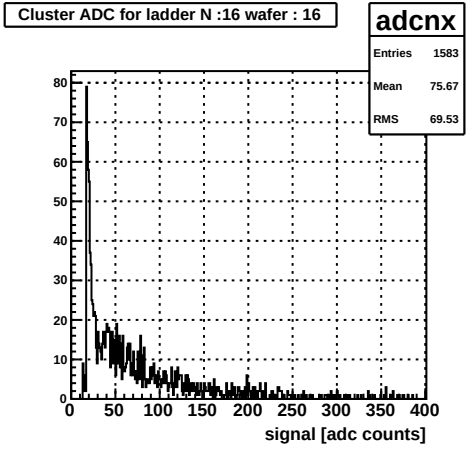

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2343
Mean 67.24
RMS 65.08
signal [adc counts]

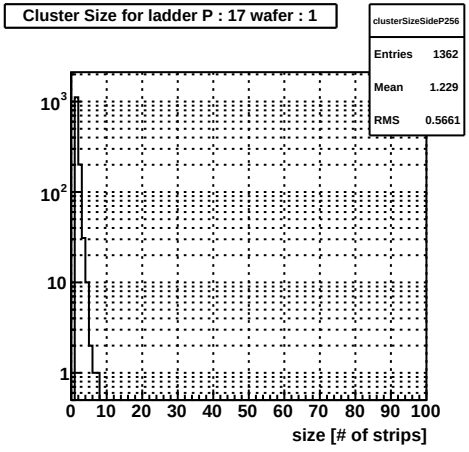

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2101
Mean 1.255
RMS 0.5972
size [# of strips]

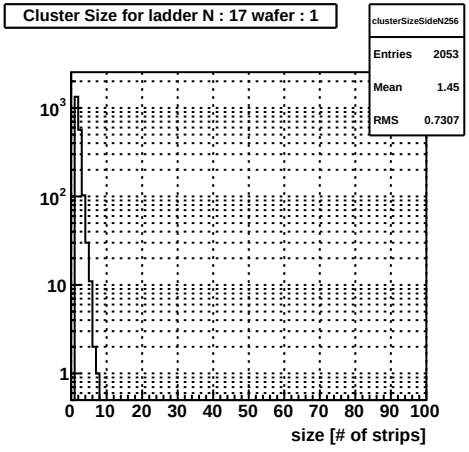

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1583
Mean 1.559
RMS 0.842
size [# of strips]

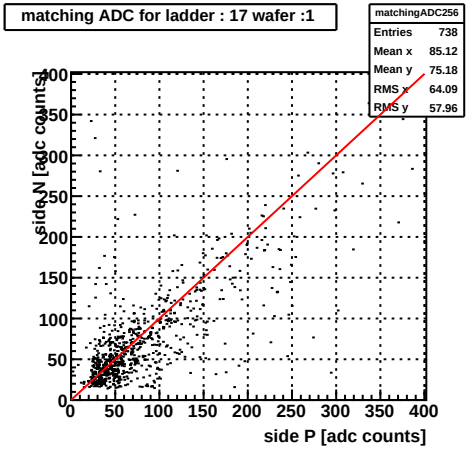

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 906
Mean x 102
Mean y 96.51
RMS x 76.1
RMS y 70.3
side N [adc counts]
side P [adc counts]

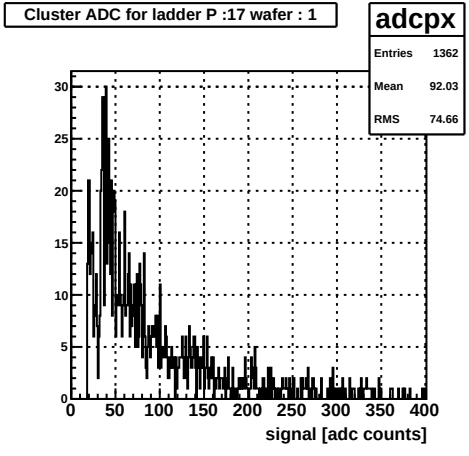

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2101
Mean 58.66
RMS 55.99
signal [adc counts]

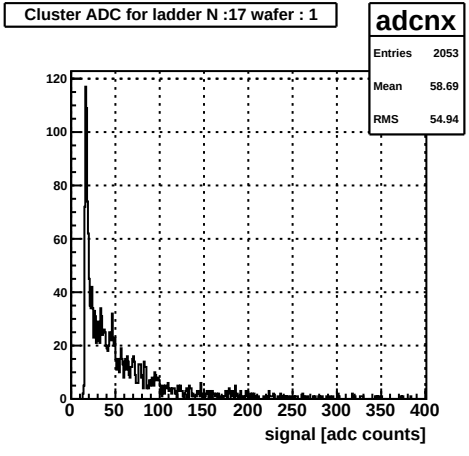

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1583
Mean 75.67
RMS 69.53
signal [adc counts]

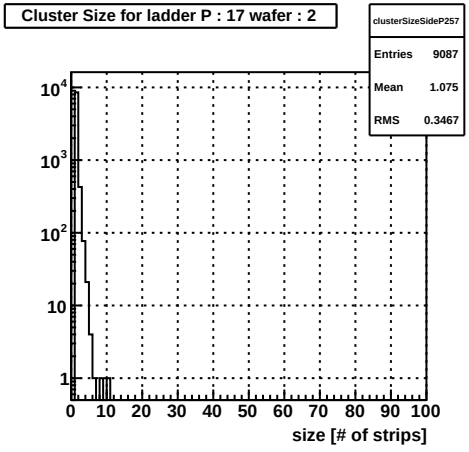

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1362
Mean 1.229
RMS 0.5661
size [# of strips]

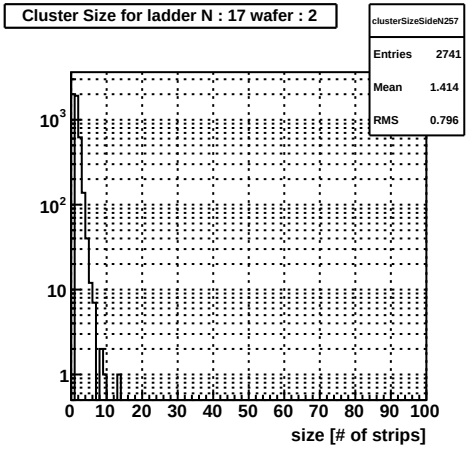

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2053
Mean 1.45
RMS 0.7307
size [# of strips]

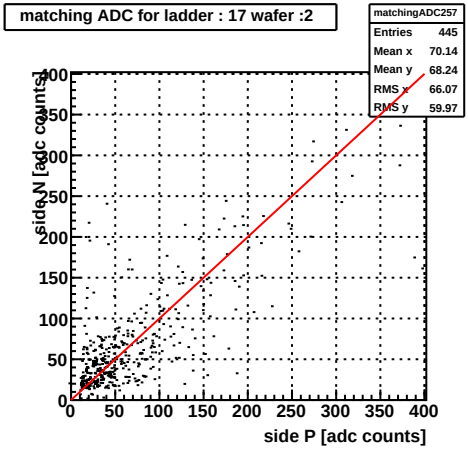

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 738
Mean x 85.12
Mean y 75.18
RMS x 64.09
RMS y 57.96
side N [adc counts]
side P [adc counts]

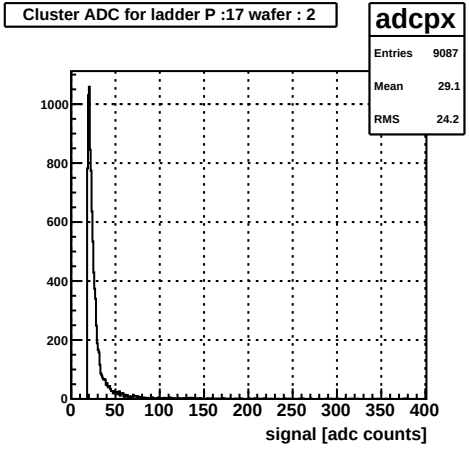

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1362
Mean 92.03
RMS 74.66
signal [adc counts]

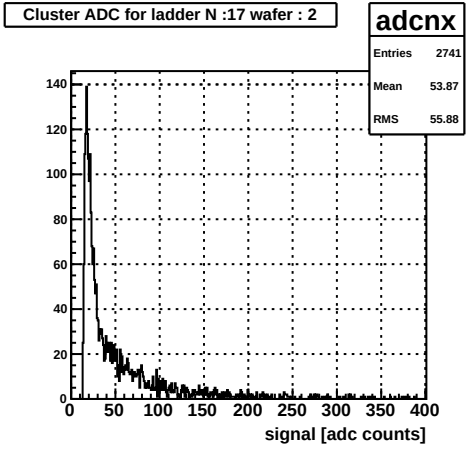

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2053
Mean 58.69
RMS 54.94
signal [adc counts]

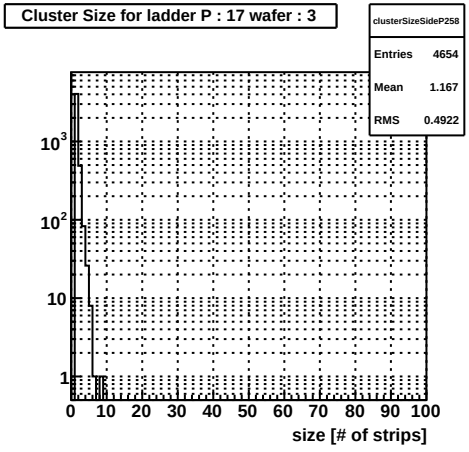

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9087
Mean 1.075
RMS 0.3467
size [# of strips]

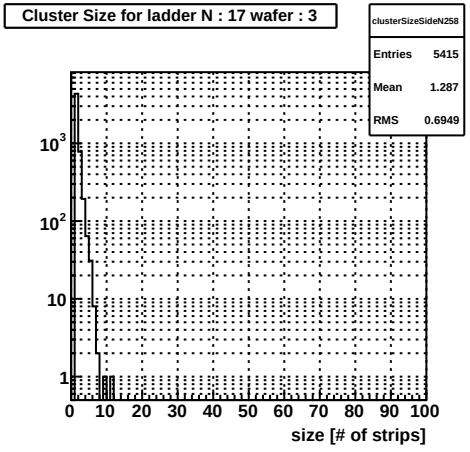

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2741
Mean 1.414
RMS 0.796
size [# of strips]

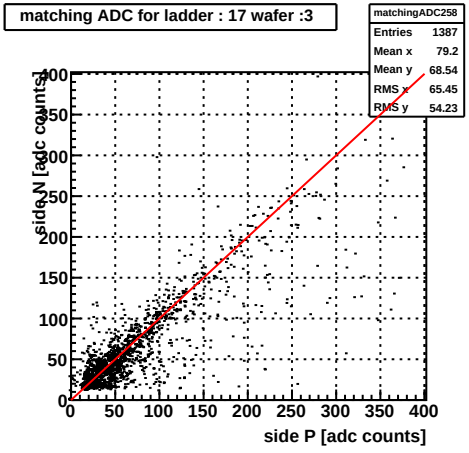

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 445
Mean x 70.14
Mean y 68.24
RMS x 66.07
RMS y 59.97
side N [adc counts]
side P [adc counts]

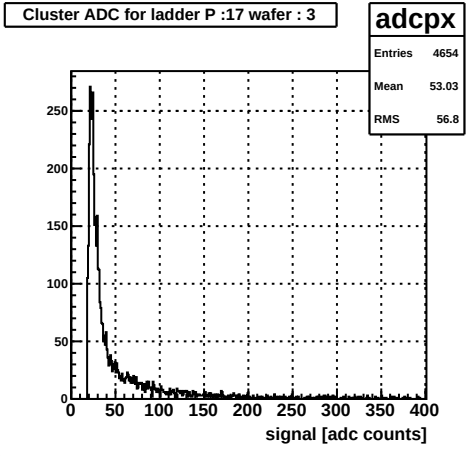

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9087
Mean 29.1
RMS 24.2
signal [adc counts]

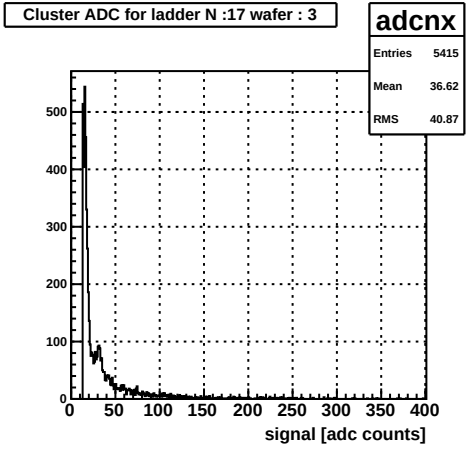

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2741
Mean 53.87
RMS 55.88
signal [adc counts]

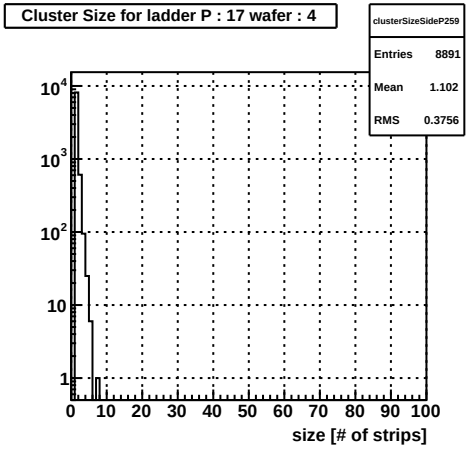

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4654
Mean 1.167
RMS 0.4922
size [# of strips]

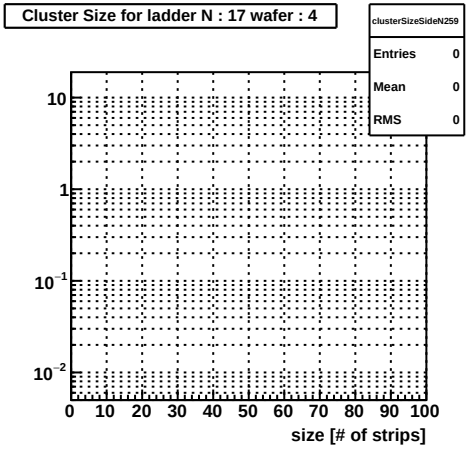

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 5415
Mean 1.287
RMS 0.6949
size [# of strips]

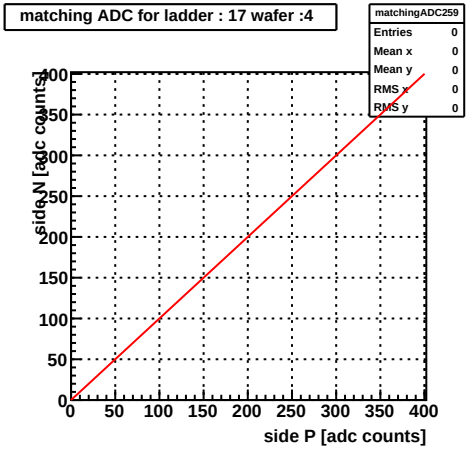

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1387
Mean x 79.2
Mean y 68.54
RMS x 65.45
RMS y 54.23
side N [adc counts]
side P [adc counts]

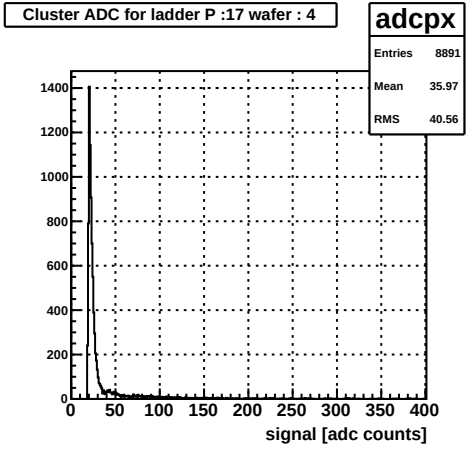

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4654
Mean 53.03
RMS 56.8
signal [adc counts]

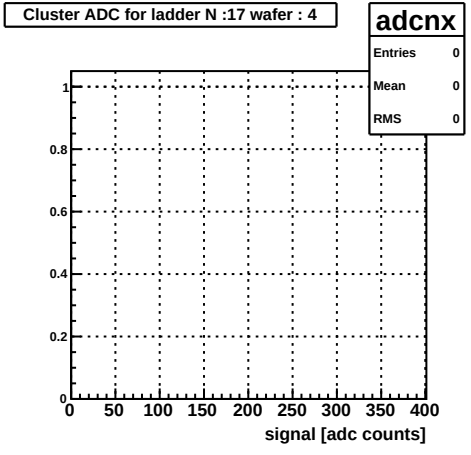

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 5415
Mean 36.62
RMS 40.87
signal [adc counts]

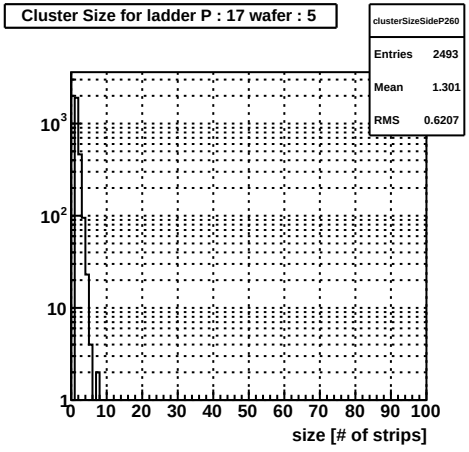

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8891
Mean 1.102
RMS 0.3756
size [# of strips]

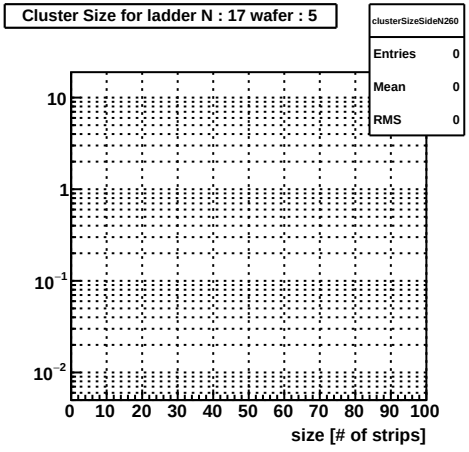

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

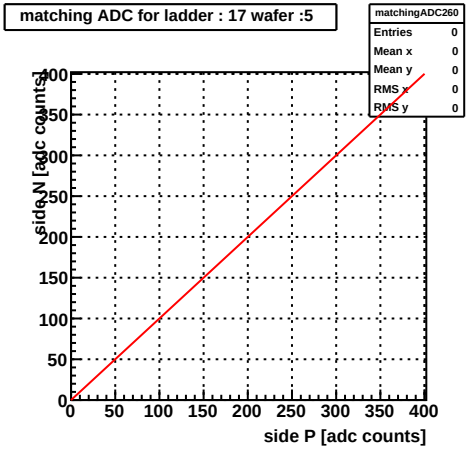

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

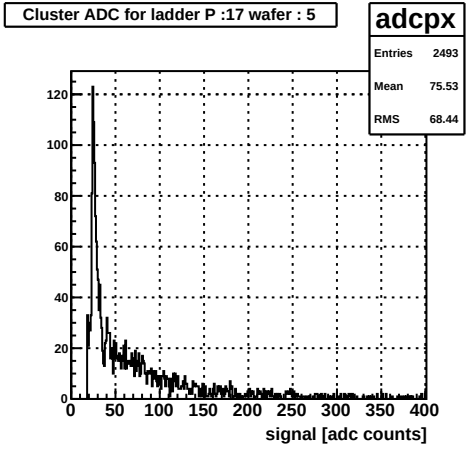

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8891
Mean 35.97
RMS 40.56
signal [adc counts]

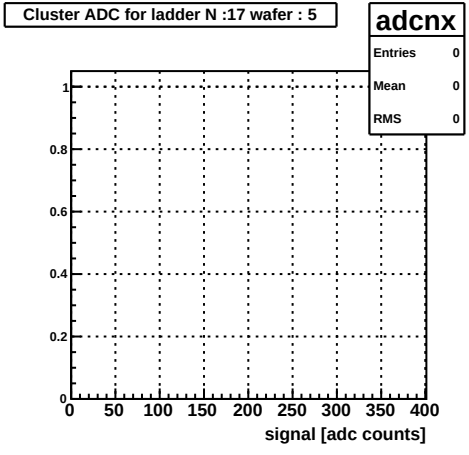

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

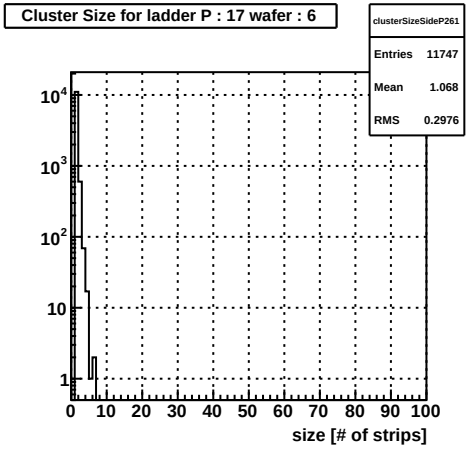

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2493
Mean 1.301
RMS 0.6207
size [# of strips]

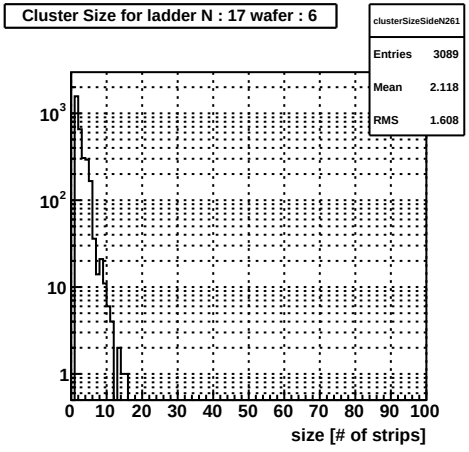

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

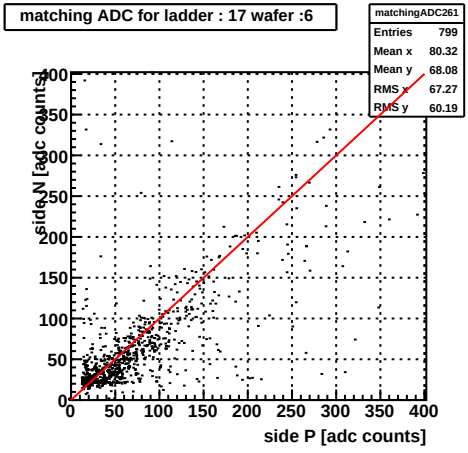

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

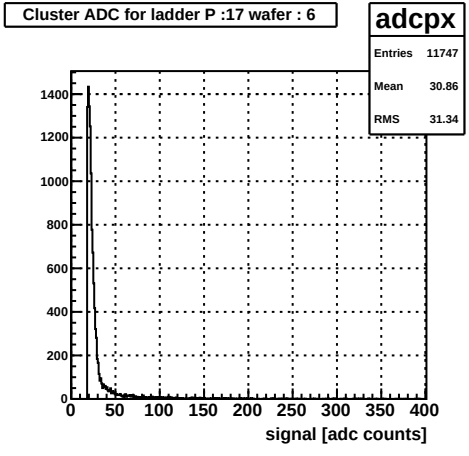

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2493
Mean 75.53
RMS 68.44
signal [adc counts]

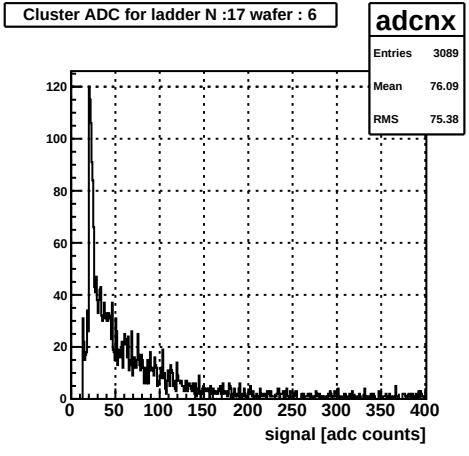

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

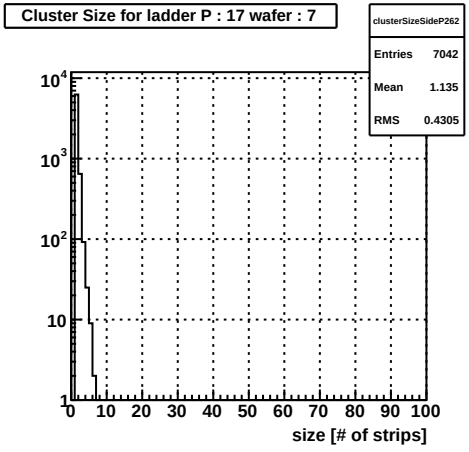

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 11747
Mean 1.068
RMS 0.2976
size [# of strips]

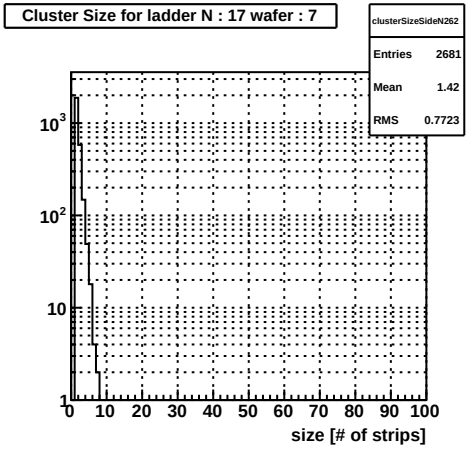

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3089
Mean 2.118
RMS 1.608
size [# of strips]

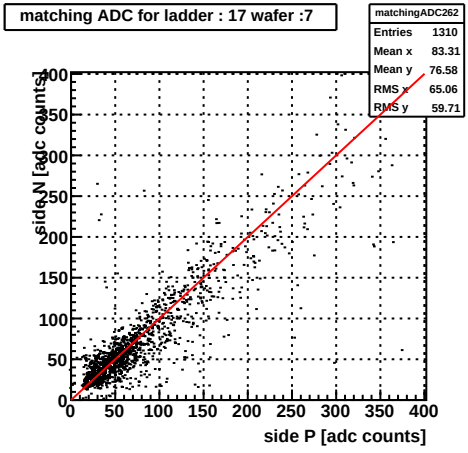

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 799
Mean x 80.32
Mean y 68.08
RMS x 67.27
RMS y 60.19
side N [adc counts]
side P [adc counts]

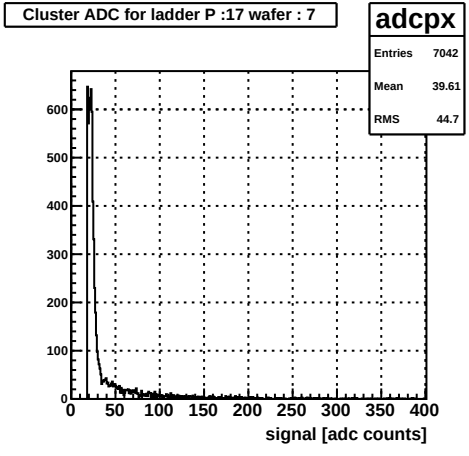

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 11747
Mean 30.86
RMS 31.34
signal [adc counts]

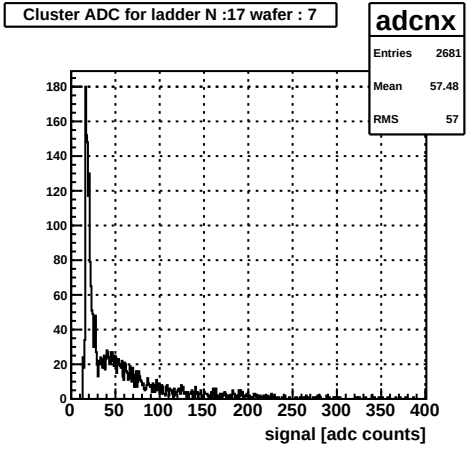

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3089
Mean 76.09
RMS 75.38
signal [adc counts]

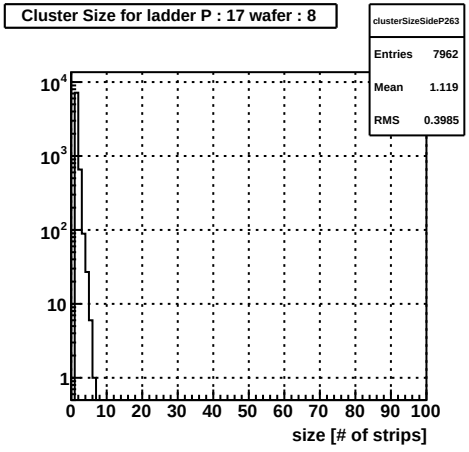

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 7042
Mean 1.135
RMS 0.4305
size [# of strips]

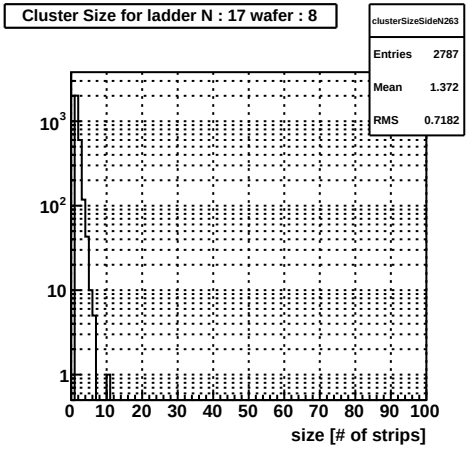

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2681
Mean 1.42
RMS 0.7723
size [# of strips]

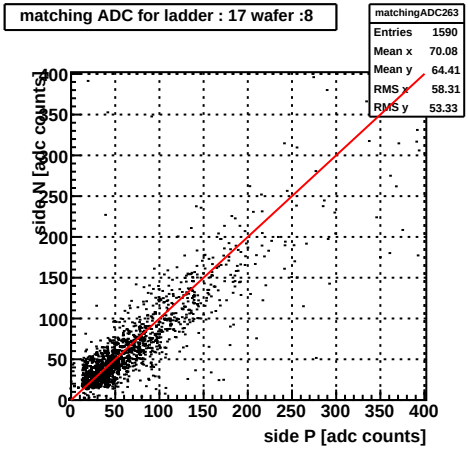

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1310
Mean x 83.31
Mean y 76.58
RMS x 65.06
RMS y 59.71
side N [adc counts]
side P [adc counts]

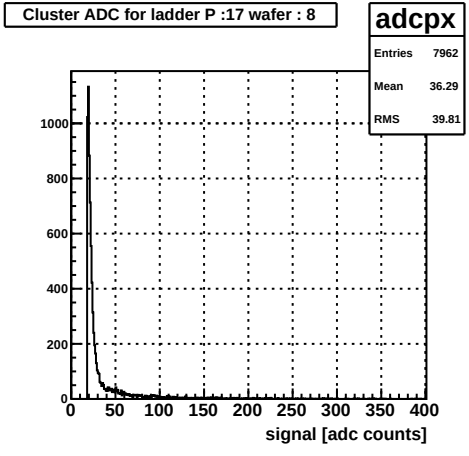

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 7042
Mean 39.61
RMS 44.7
signal [adc counts]

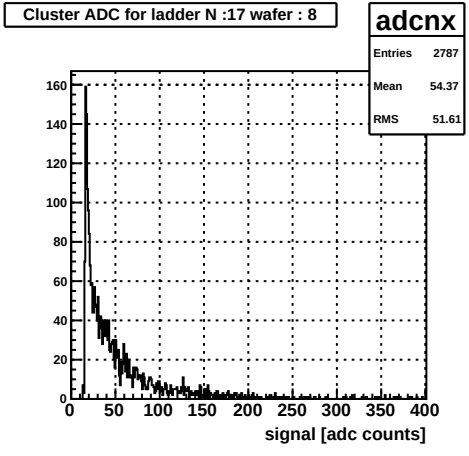

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2681
Mean 57.48
RMS 57
signal [adc counts]

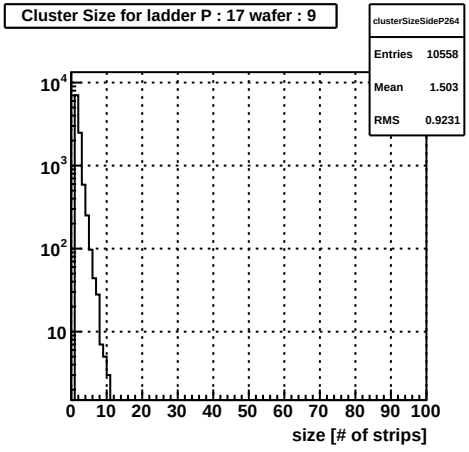

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 7962
Mean 1.119
RMS 0.3985
size [# of strips]

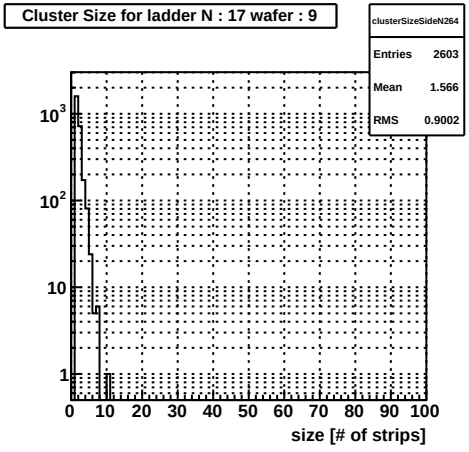

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2787
Mean 1.372
RMS 0.7182
size [# of strips]

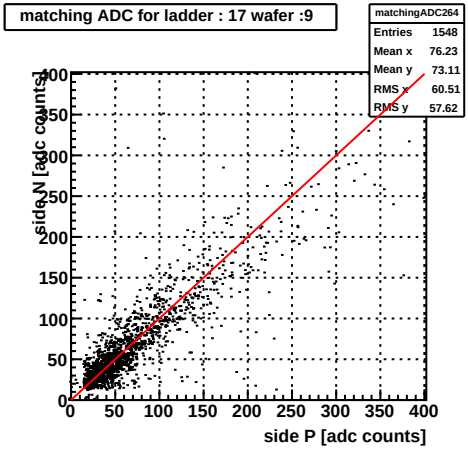

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1590
Mean x 70.08
Mean y 64.41
RMS x 58.31
RMS y 53.33
side N [adc counts]
side P [adc counts]

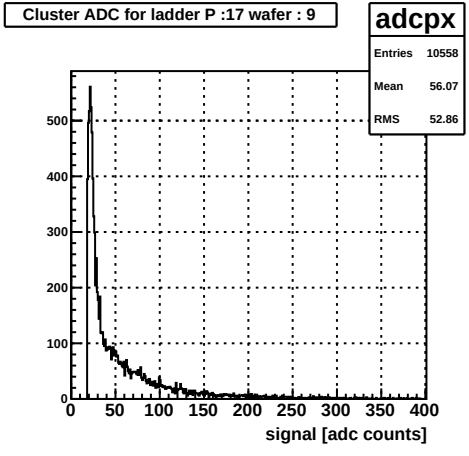

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 7962
Mean 36.29
RMS 39.81
signal [adc counts]

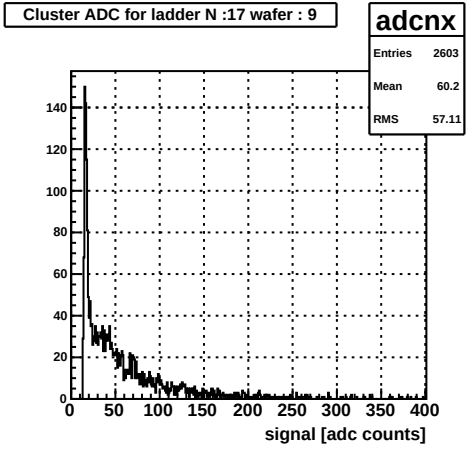

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2787
Mean 54.37
RMS 51.61
signal [adc counts]

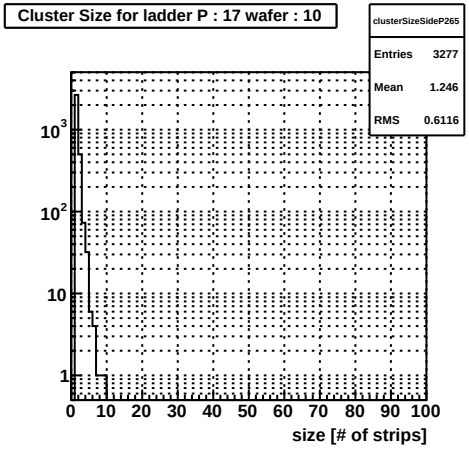

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 10558
Mean 1.503
RMS 0.9231
size [# of strips]

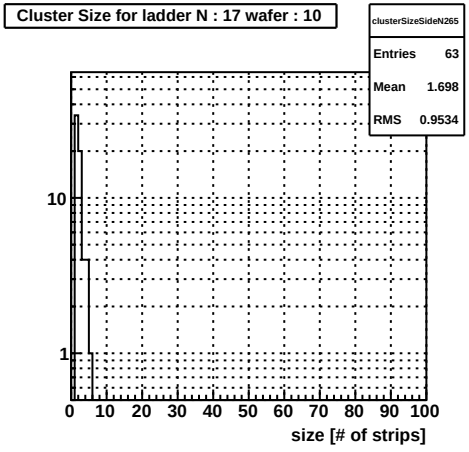

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2603
Mean 1.566
RMS 0.9002
size [# of strips]

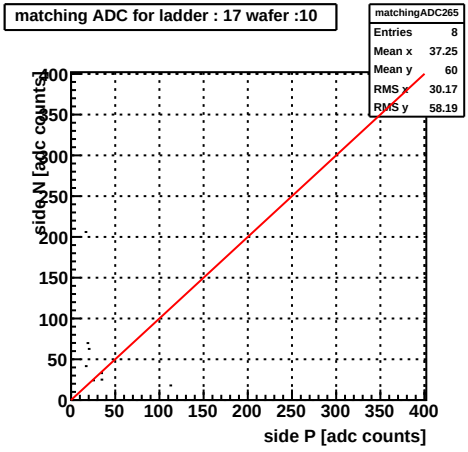

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1548
Mean x 76.23
Mean y 73.11
RMS x 60.51
RMS y 57.62
side N [adc counts]
side P [adc counts]

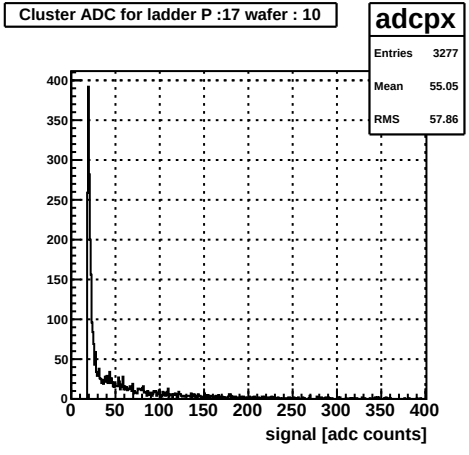

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 10558
Mean 56.07
RMS 52.86
signal [adc counts]

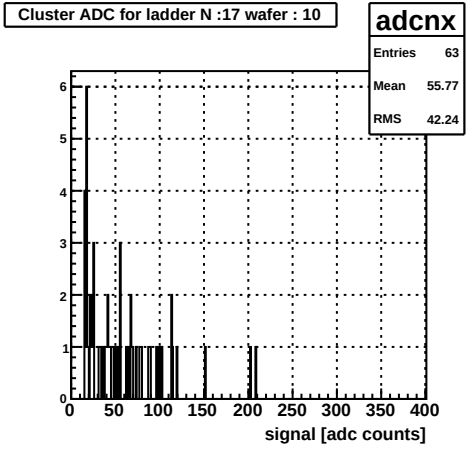

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2603
Mean 60.2
RMS 57.11
signal [adc counts]

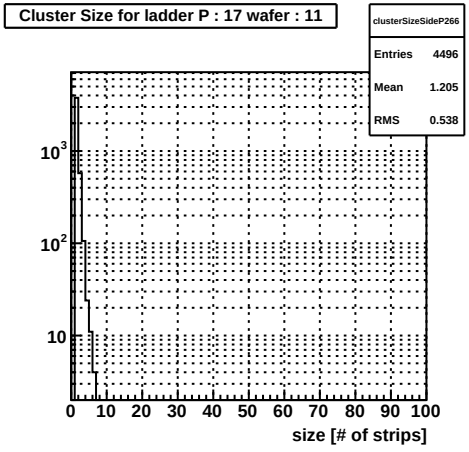

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 3277
Mean 1.246
RMS 0.6116
size [# of strips]

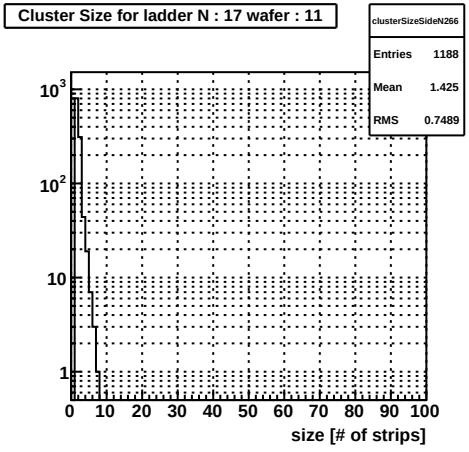

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 63
Mean 1.698
RMS 0.9534
size [# of strips]

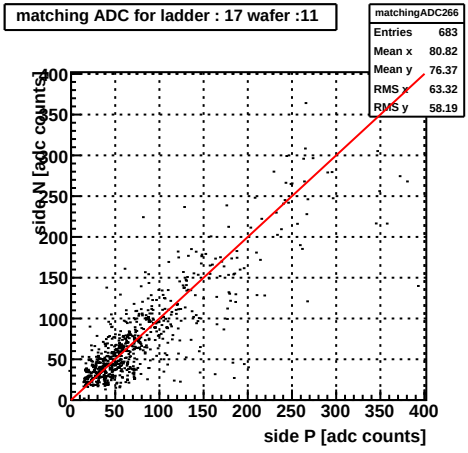

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 8
Mean x 37.25
Mean y 60
RMS x 30.17
RMS y 58.19
side N [adc counts]
side P [adc counts]

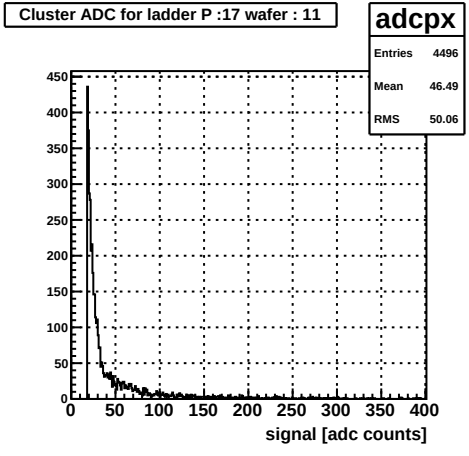

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 3277
Mean 55.05
RMS 57.86
signal [adc counts]

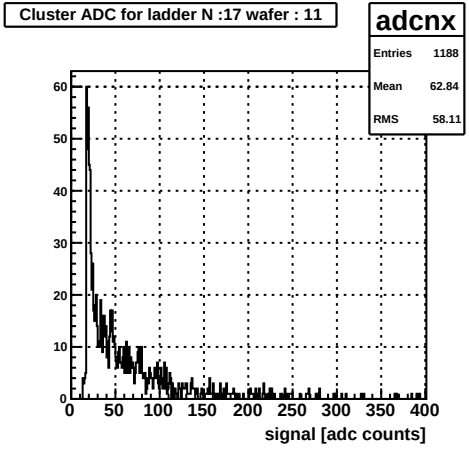

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 63
Mean 55.77
RMS 42.24
signal [adc counts]

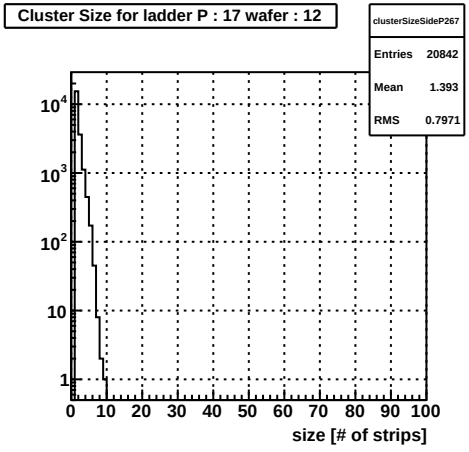

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 4496
Mean 1.205
RMS 0.538
size [# of strips]

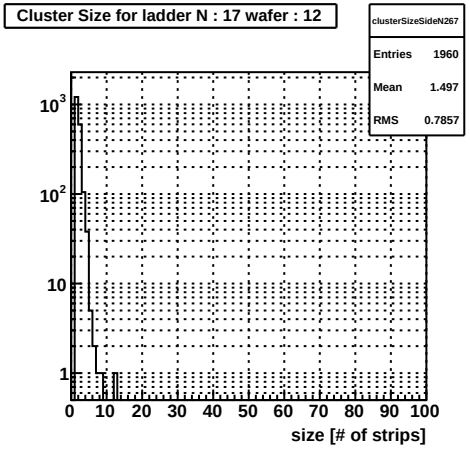

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1188
Mean 1.425
RMS 0.7489
size [# of strips]

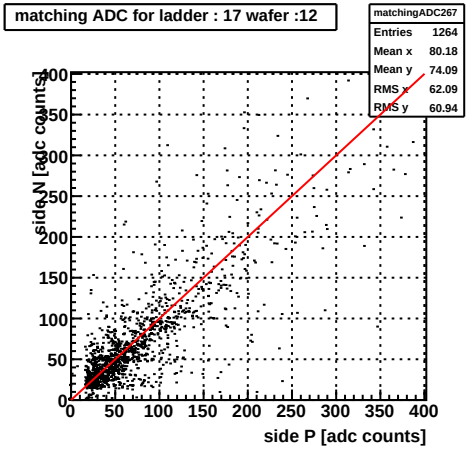

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 683
Mean x 80.82
Mean y 76.37
RMS x 63.32
RMS y 58.19
side N [adc counts]
side P [adc counts]

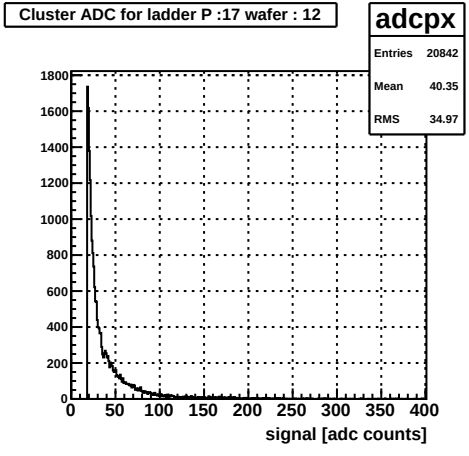

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 4496
Mean 46.49
RMS 50.06
signal [adc counts]

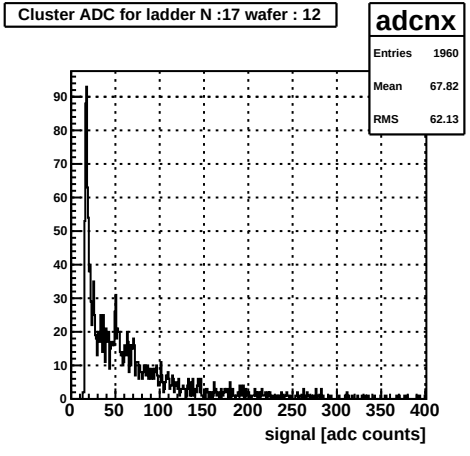

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1188
Mean 62.84
RMS 58.11
signal [adc counts]

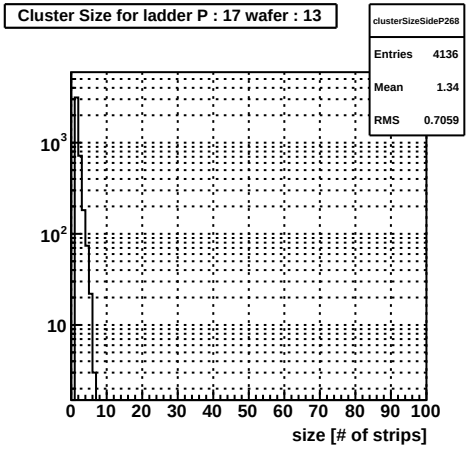

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 20842
Mean 1.393
RMS 0.7971
size [# of strips]

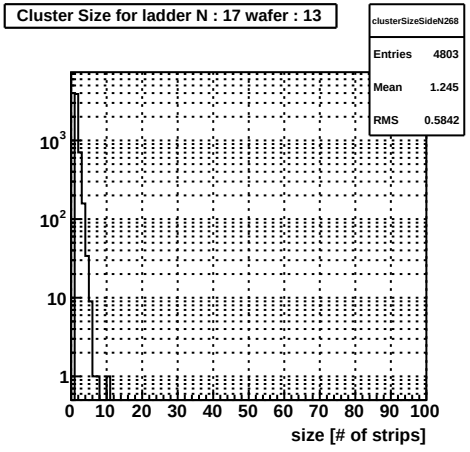

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1960
Mean 1.497
RMS 0.7857
size [# of strips]

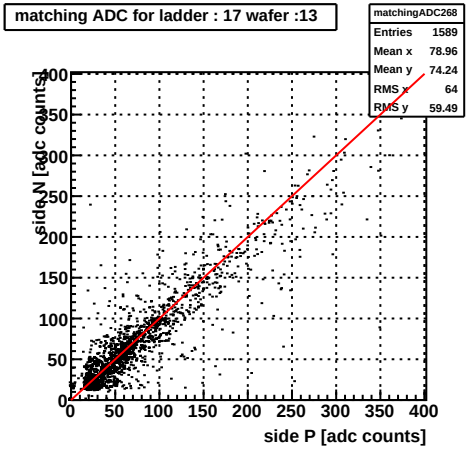

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1264
Mean x 80.18
Mean y 74.09
RMS x 62.09
RMS y 60.94
side N [adc counts]
side P [adc counts]

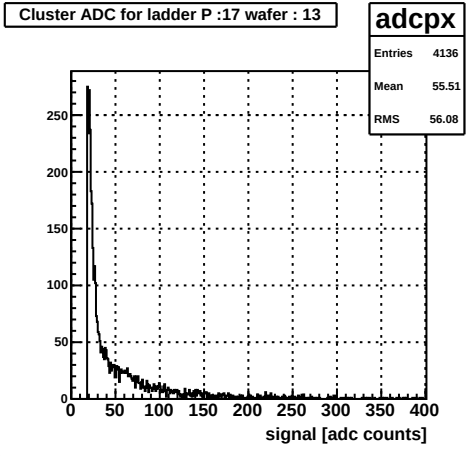

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 20842
Mean 40.35
RMS 34.97
signal [adc counts]

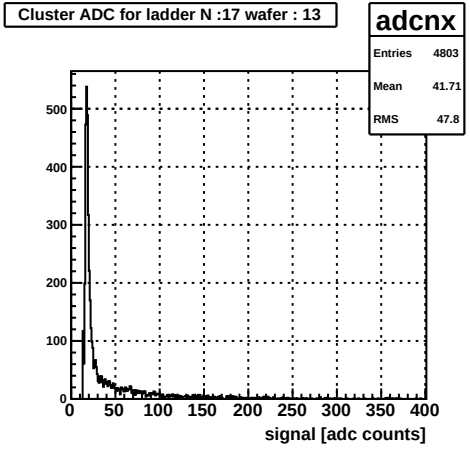

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1960
Mean 67.82
RMS 62.13
signal [adc counts]

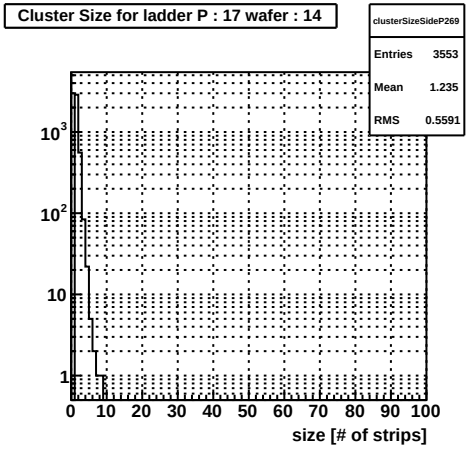

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 4136
Mean 1.34
RMS 0.7059
size [# of strips]

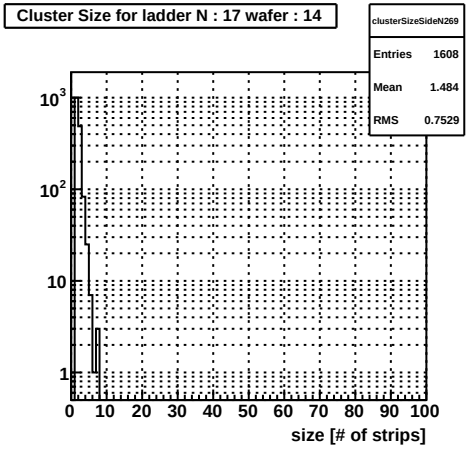

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 4803
Mean 1.245
RMS 0.5842
size [# of strips]

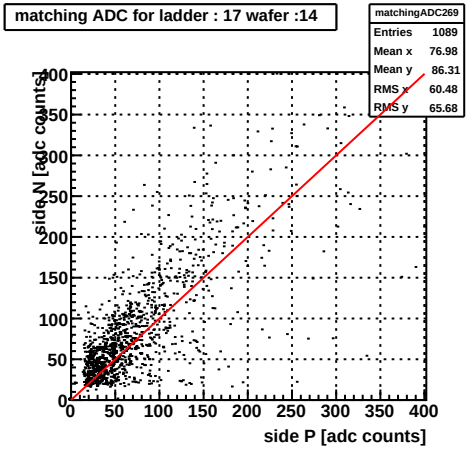

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1589
Mean x 78.96
Mean y 74.24
RMS x 64
RMS y 59.49
side N [adc counts]
side P [adc counts]

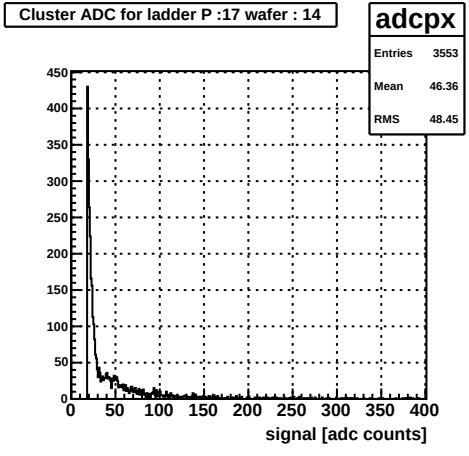

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 4136
Mean 55.51
RMS 56.08
signal [adc counts]

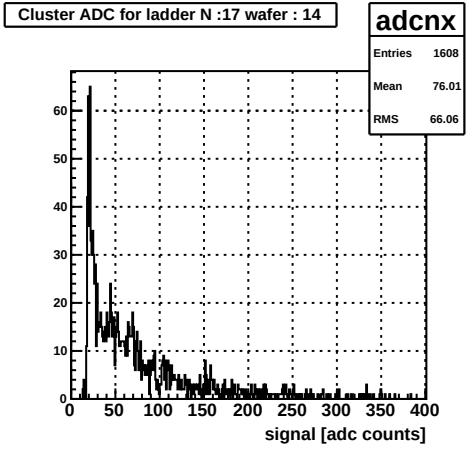

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 4803
Mean 41.71
RMS 47.8
signal [adc counts]

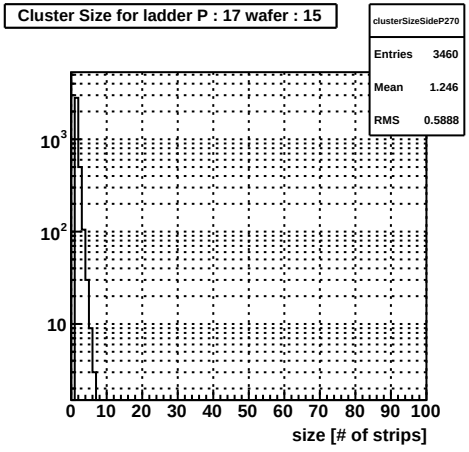

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 3553
Mean 1.235
RMS 0.5591
size [# of strips]

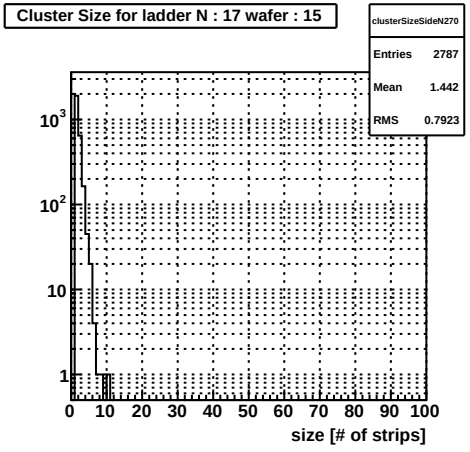

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1608
Mean 1.484
RMS 0.7529
size [# of strips]

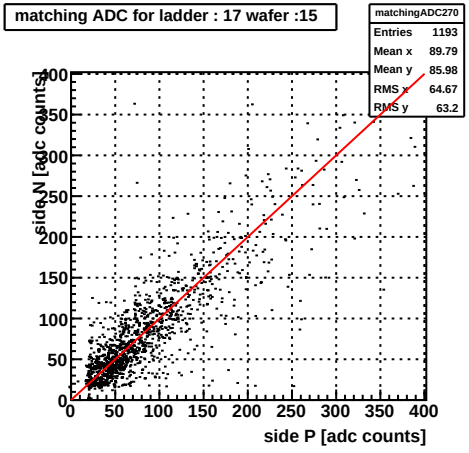

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1089
Mean x 76.98
Mean y 86.31
RMS x 60.48
RMS y 65.68
side N [adc counts]
side P [adc counts]

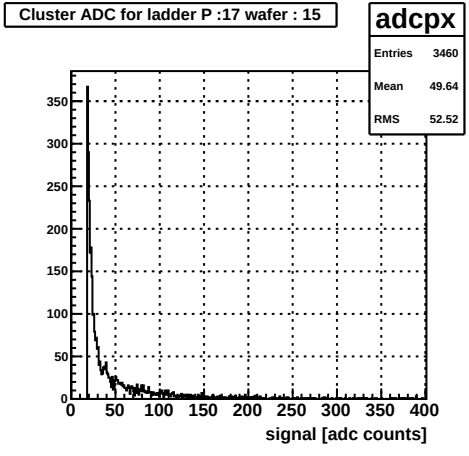

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 3553
Mean 46.36
RMS 48.45
signal [adc counts]

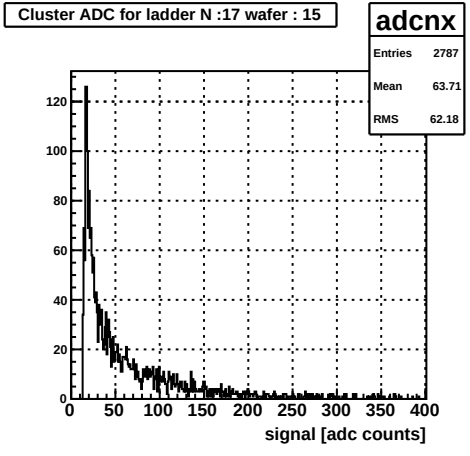

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1608
Mean 76.01
RMS 66.06
signal [adc counts]

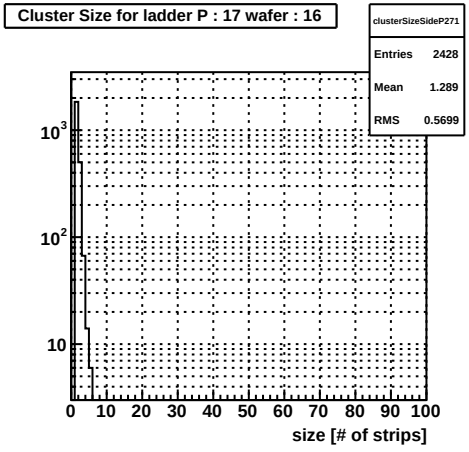

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3460
Mean 1.246
RMS 0.5888
size [# of strips]

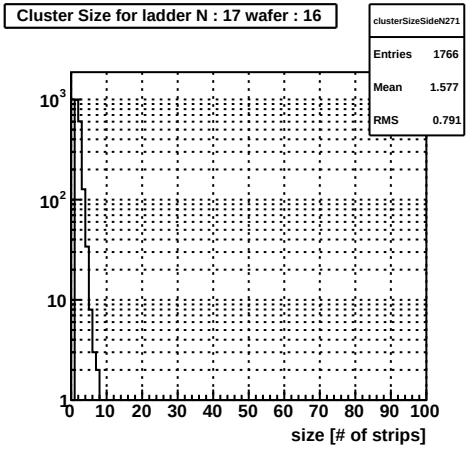

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2787
Mean 1.442
RMS 0.7923
size [# of strips]

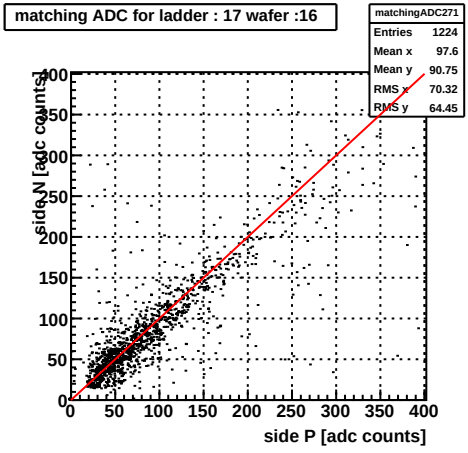

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1193
Mean x 89.79
Mean y 85.98
RMS x 64.67
RMS y 63.2
side N [adc counts]
side P [adc counts]

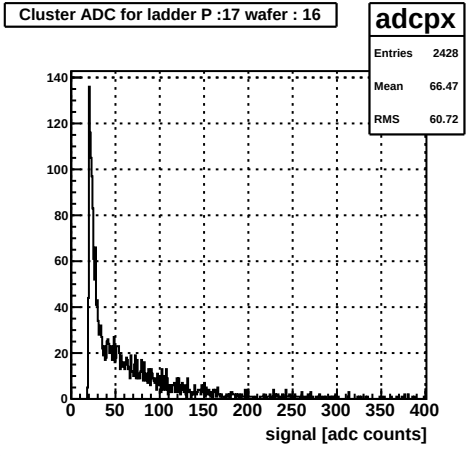

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3460
Mean 49.64
RMS 52.52
signal [adc counts]

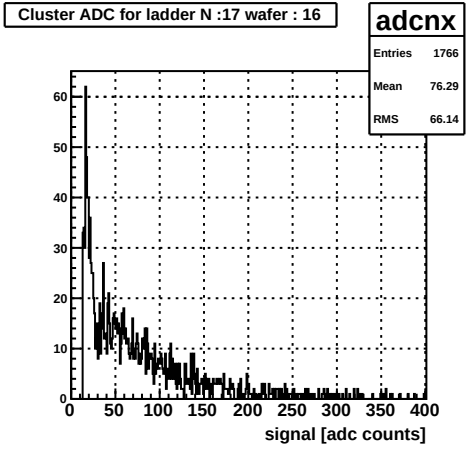

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2787
Mean 63.71
RMS 62.18
signal [adc counts]

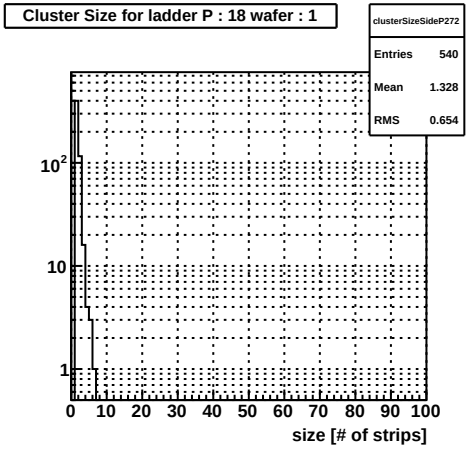

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2428
Mean 1.289
RMS 0.5699
size [# of strips]

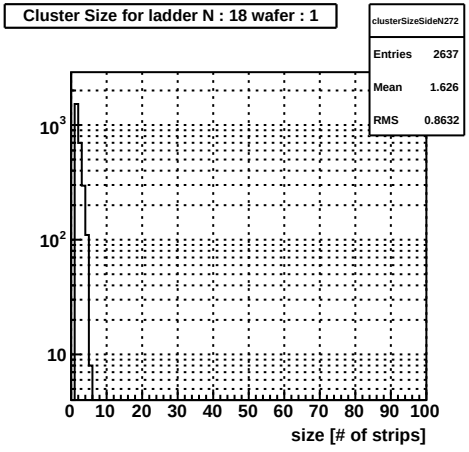

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1766
Mean 1.577
RMS 0.791
size [# of strips]

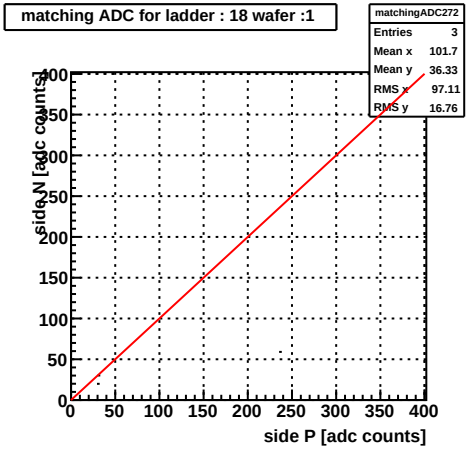

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1224
Mean x 97.6
Mean y 90.75
RMS x 70.32
RMS y 64.45
side N [adc counts]
side P [adc counts]

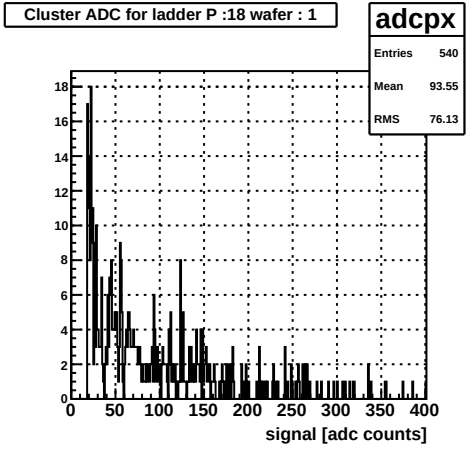

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2428
Mean 66.47
RMS 60.72
signal [adc counts]

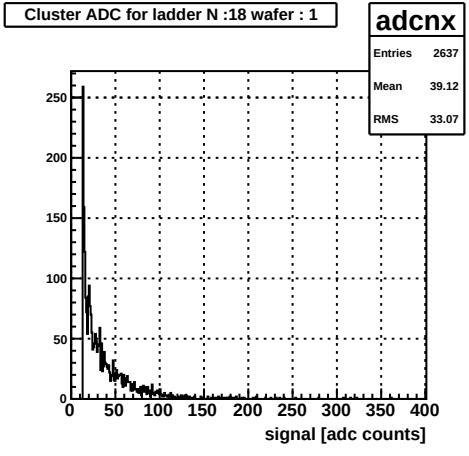

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1766
Mean 76.29
RMS 66.14
signal [adc counts]

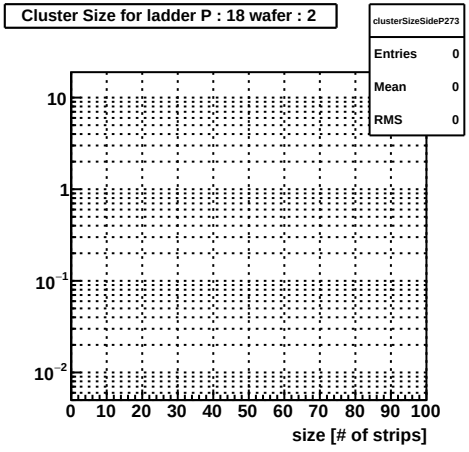

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 540
Mean 1.328
RMS 0.654
size [# of strips]

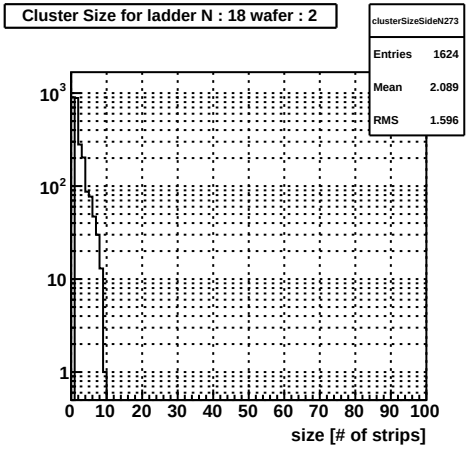

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2637
Mean 1.626
RMS 0.8632
size [# of strips]

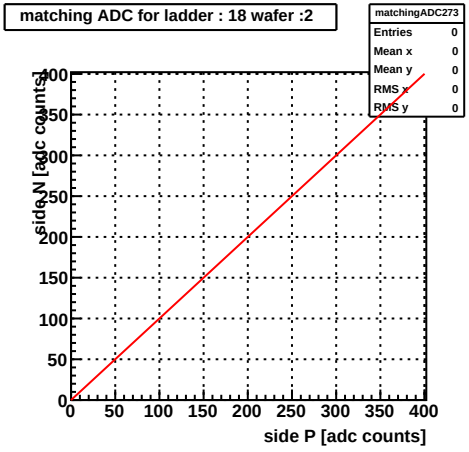

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 3
Mean x 101.7
Mean y 36.33
RMS x 97.11
RMS y 16.76
side N [adc counts]
side P [adc counts]

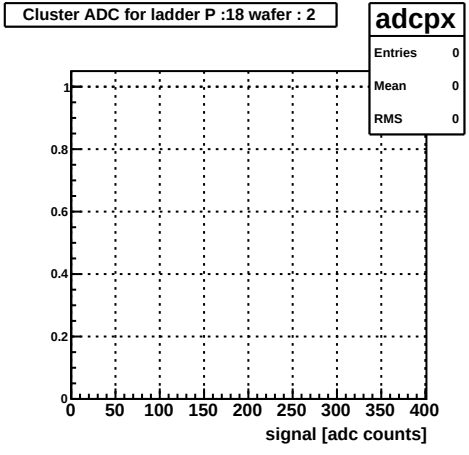

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 540
Mean 93.55
RMS 76.13
signal [adc counts]

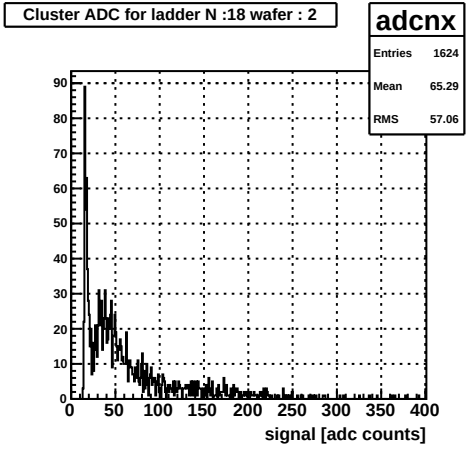

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2637
Mean 39.12
RMS 33.07
signal [adc counts]

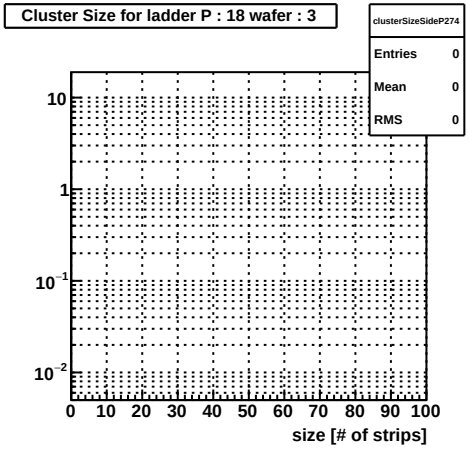

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

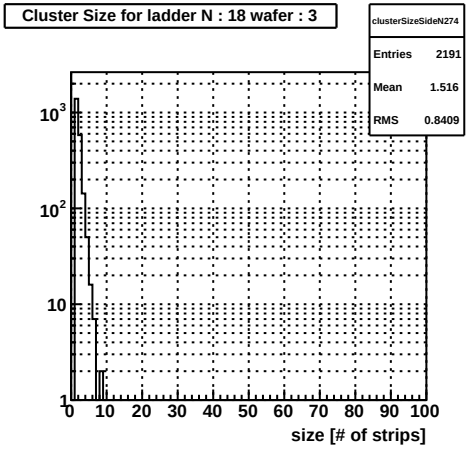

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1624
Mean 2.089
RMS 1.596
size [# of strips]

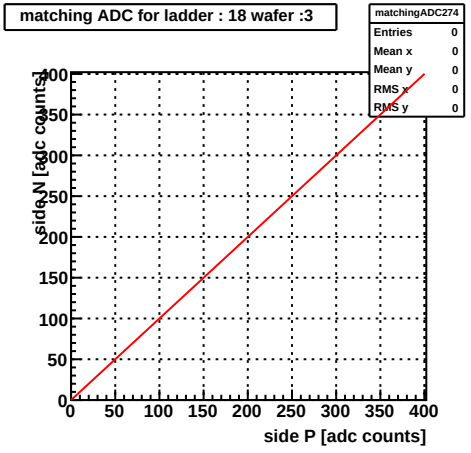

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

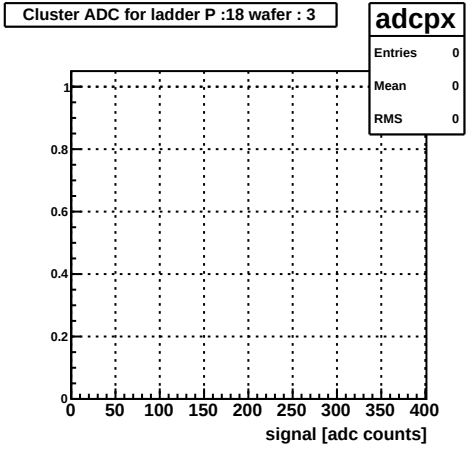

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

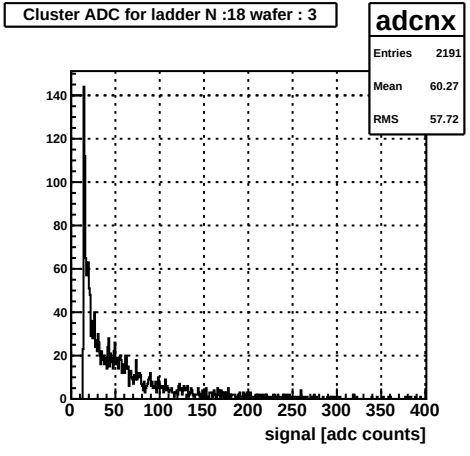

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1624
Mean 65.29
RMS 57.06
signal [adc counts]

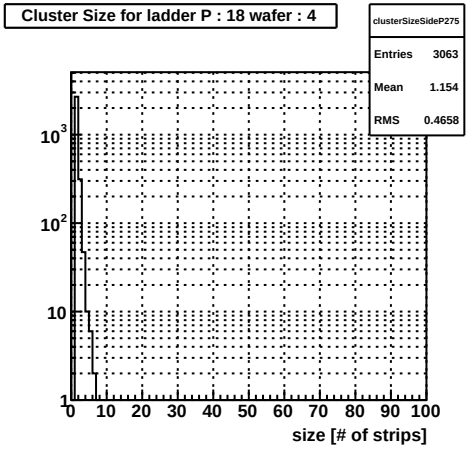

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

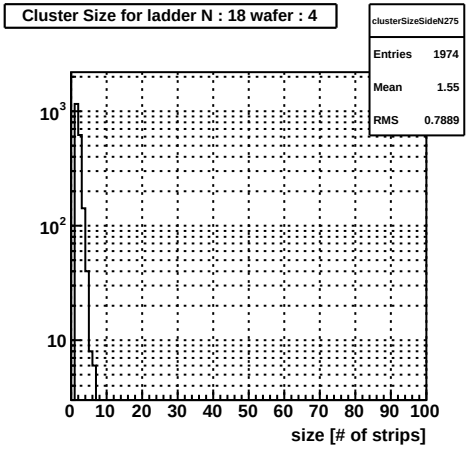

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2191
Mean 1.516
RMS 0.8409
size [# of strips]

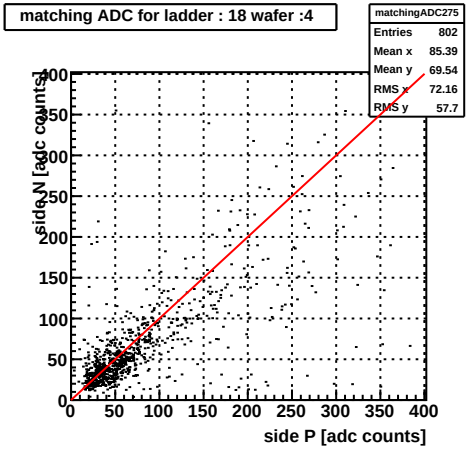

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

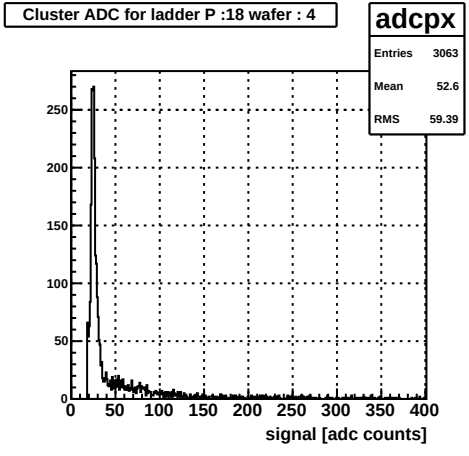

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

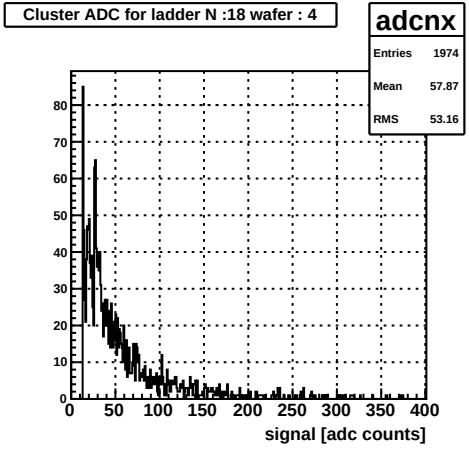

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2191
Mean 60.27
RMS 57.72
signal [adc counts]

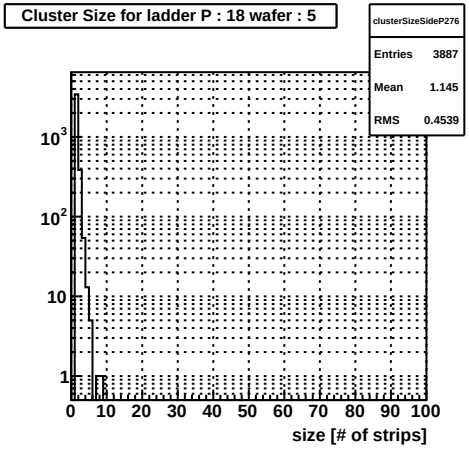

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3063
Mean 1.154
RMS 0.4658
size [# of strips]

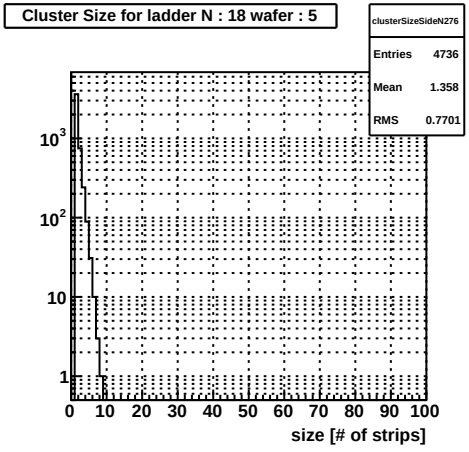

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1974
Mean 1.55
RMS 0.7889
size [# of strips]

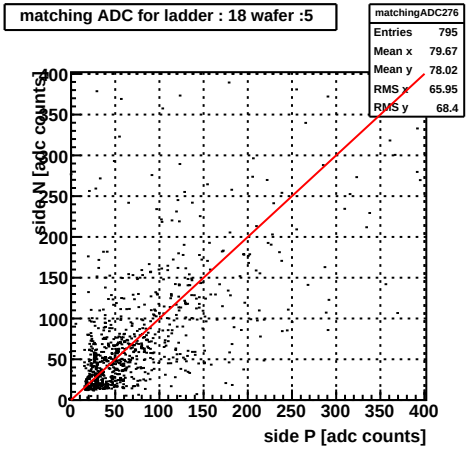

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 802
Mean x 85.39
Mean y 69.54
RMS x 72.16
RMS y 57.7
side N [adc counts]
side P [adc counts]

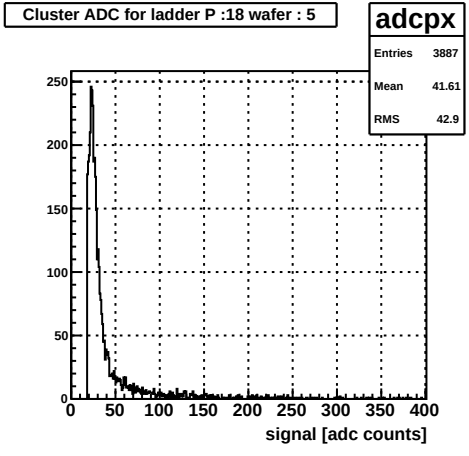

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3063
Mean 52.6
RMS 59.39
signal [adc counts]

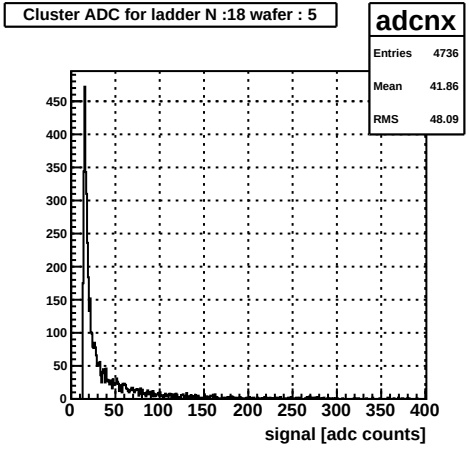

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1974
Mean 57.87
RMS 53.16
signal [adc counts]

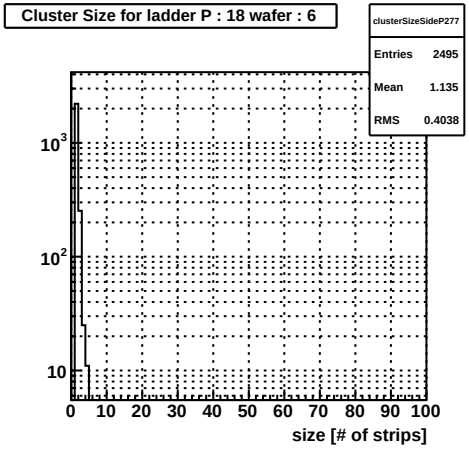

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3887
Mean 1.145
RMS 0.4539
size [# of strips]

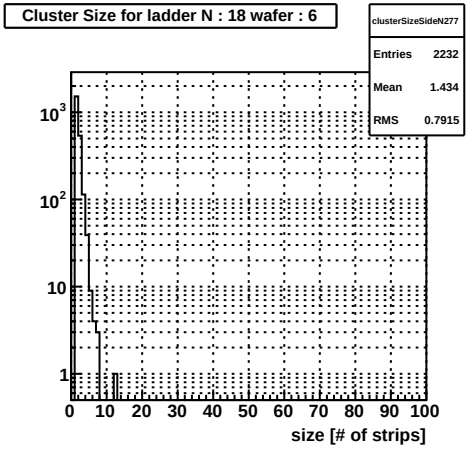

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4736
Mean 1.358
RMS 0.7701
size [# of strips]

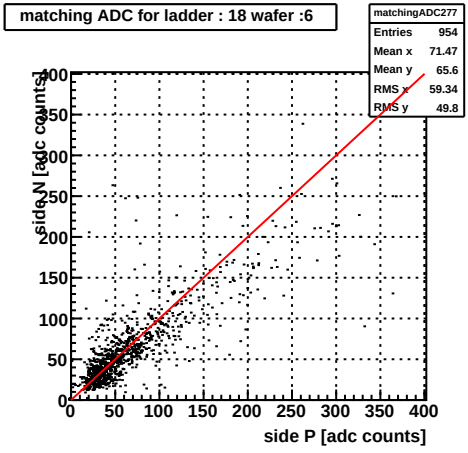

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 795
Mean x 79.67
Mean y 78.02
RMS x 65.95
RMS y 68.4
side N [adc counts]
side P [adc counts]

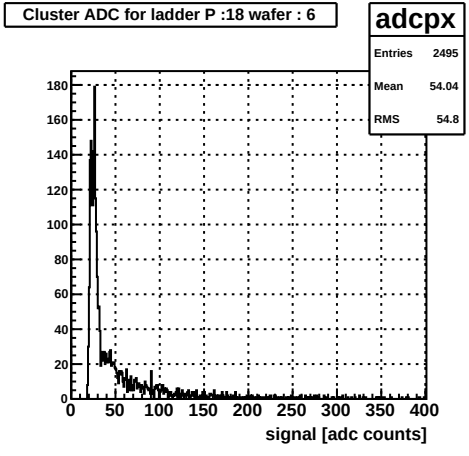

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3887
Mean 41.61
RMS 42.9
signal [adc counts]

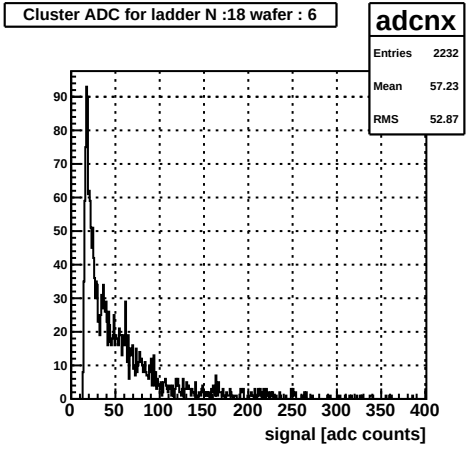

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4736
Mean 41.86
RMS 48.09
signal [adc counts]

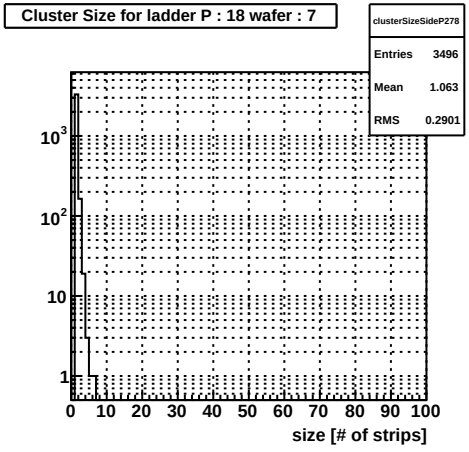

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2495
Mean 1.135
RMS 0.4038
size [# of strips]

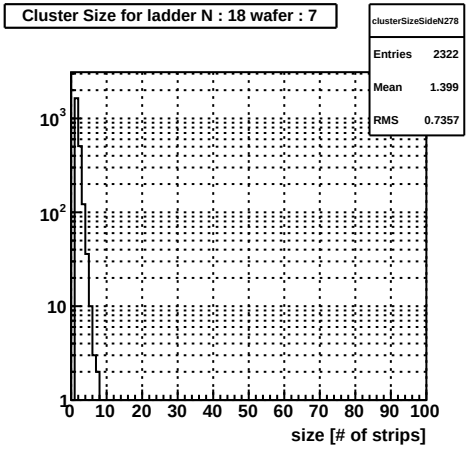

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2232
Mean 1.434
RMS 0.7915
size [# of strips]

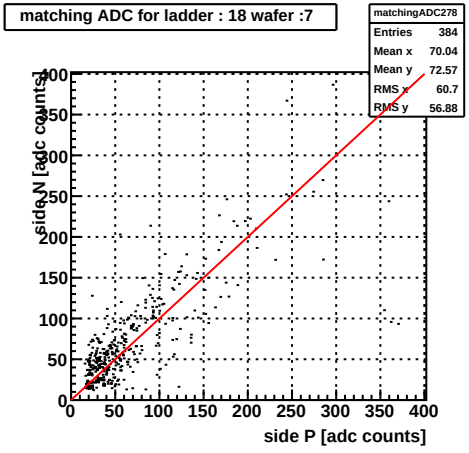

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 954
Mean x 71.47
Mean y 65.6
RMS x 59.34
RMS y 49.8
side N [adc counts]
side P [adc counts]

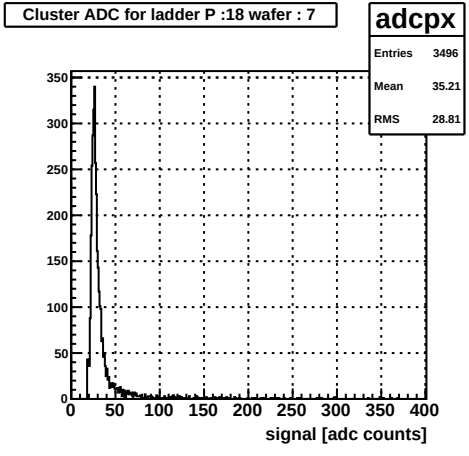

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2495
Mean 54.04
RMS 54.8
signal [adc counts]

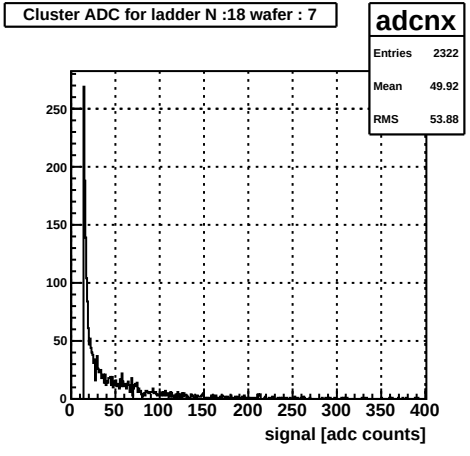

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2232
Mean 57.23
RMS 52.87
signal [adc counts]

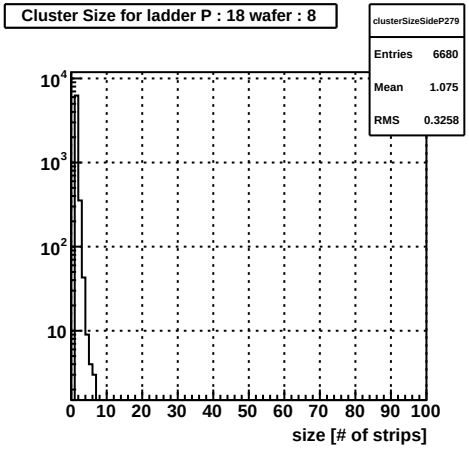

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3496
Mean 1.063
RMS 0.2901
size [# of strips]

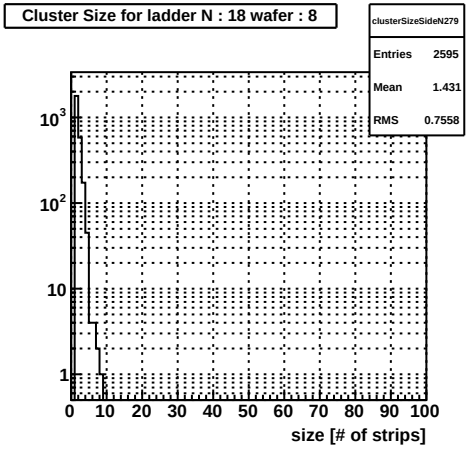

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2322
Mean 1.399
RMS 0.7357
size [# of strips]

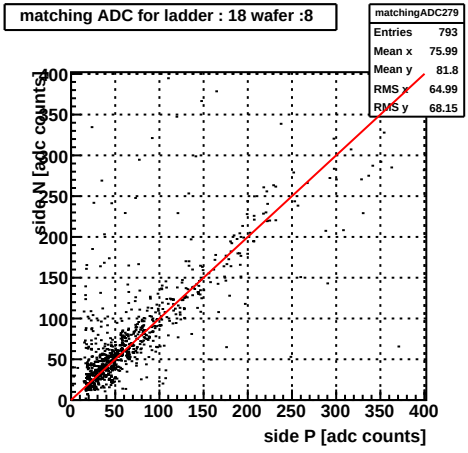

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 384
Mean x 70.04
Mean y 72.57
RMS x 60.7
RMS y 56.88
side N [adc counts]
side P [adc counts]

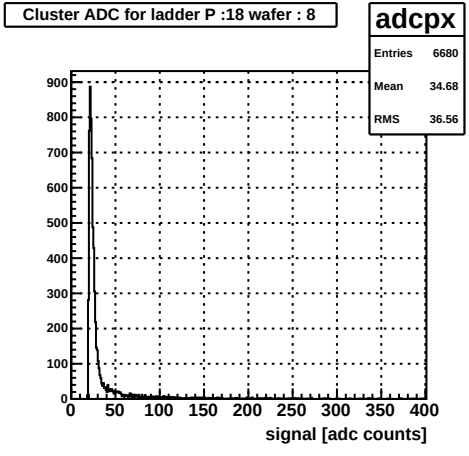

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3496
Mean 35.21
RMS 28.81
signal [adc counts]

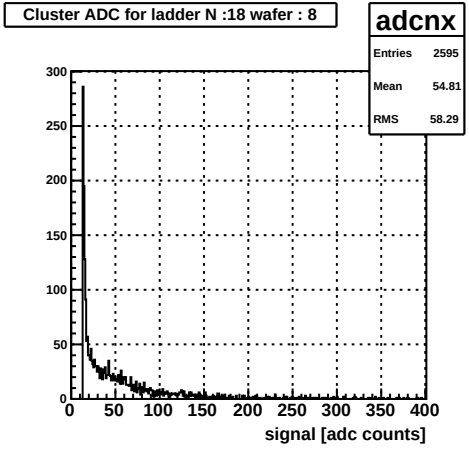

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2322
Mean 49.92
RMS 53.88
signal [adc counts]

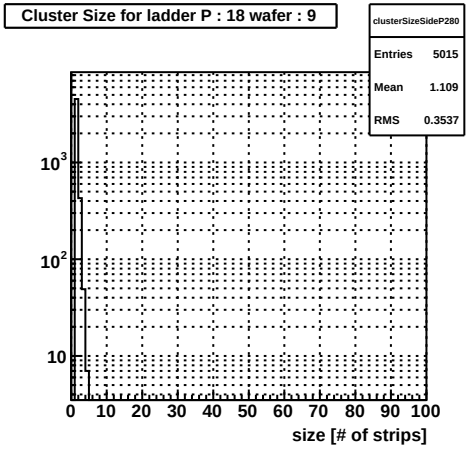

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 6680
Mean 1.075
RMS 0.3258
size [# of strips]

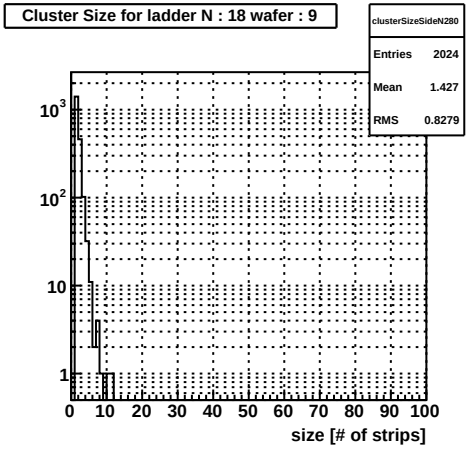

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2595
Mean 1.431
RMS 0.7558
size [# of strips]

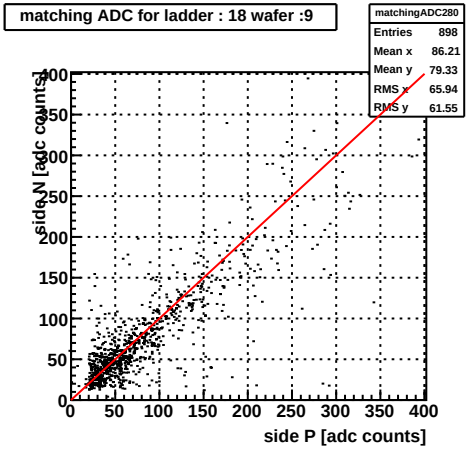

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 793
Mean x 75.99
Mean y 81.8
RMS x 64.99
RMS y 68.15
side N [adc counts]
side P [adc counts]

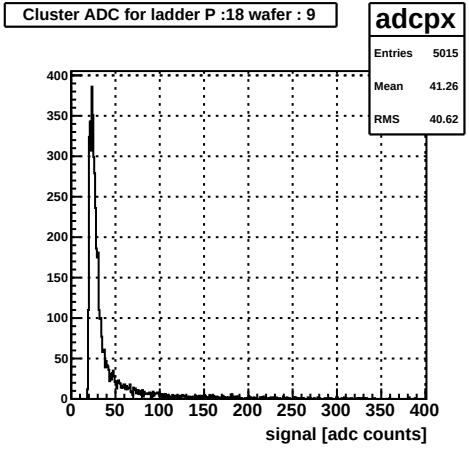

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 6680
Mean 34.68
RMS 36.56
signal [adc counts]

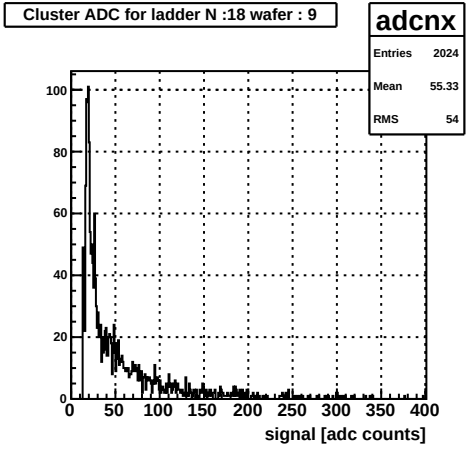

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2595
Mean 54.81
RMS 58.29
signal [adc counts]

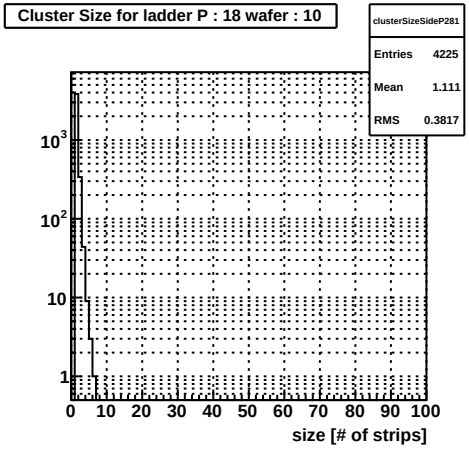

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 5015
Mean 1.109
RMS 0.3537
size [# of strips]

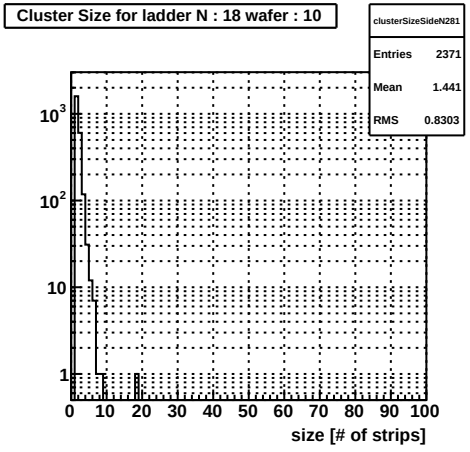

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2024
Mean 1.427
RMS 0.8279
size [# of strips]

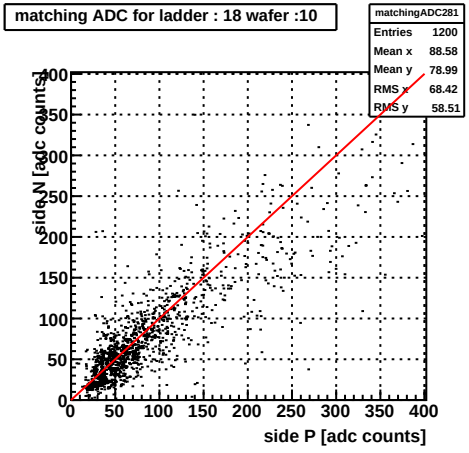

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 898
Mean x 86.21
Mean y 79.33
RMS x 65.94
RMS y 61.55
side N [adc counts]
side P [adc counts]

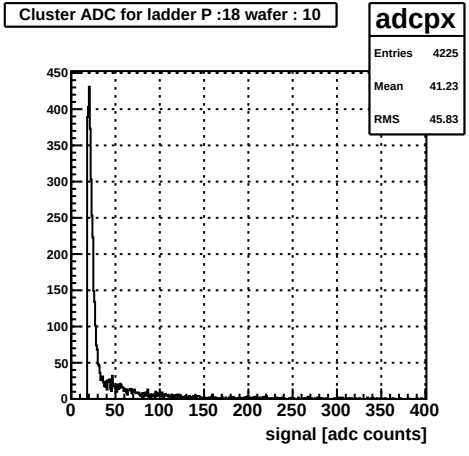

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 5015
Mean 41.26
RMS 40.62
signal [adc counts]

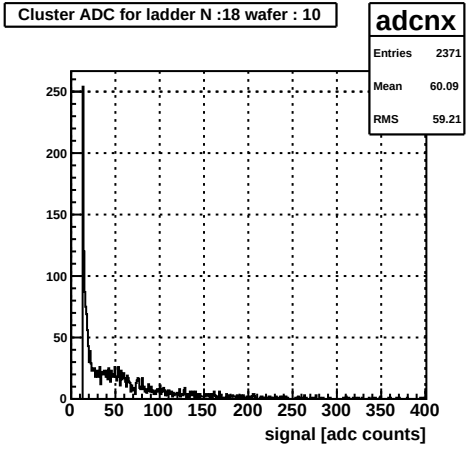

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2024
Mean 55.33
RMS 54
signal [adc counts]

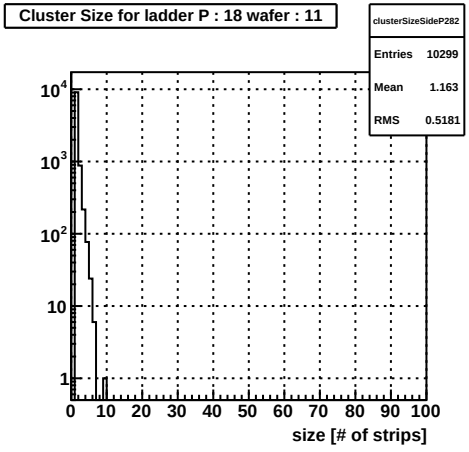

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 4225
Mean 1.111
RMS 0.3817
size [# of strips]

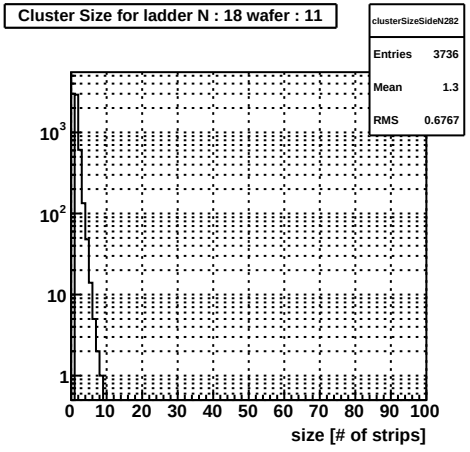

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2371
Mean 1.441
RMS 0.8303
size [# of strips]

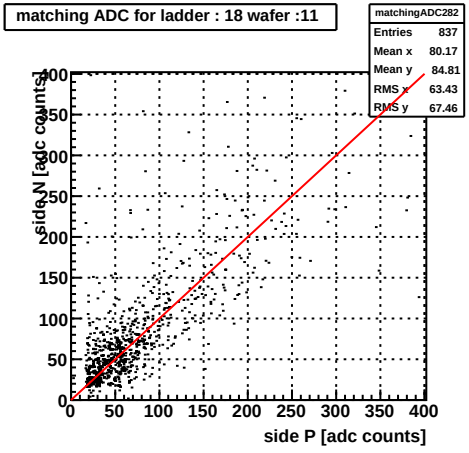

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1200
Mean x 88.58
Mean y 78.99
RMS x 68.42
RMS y 58.51
side N [adc counts]
side P [adc counts]

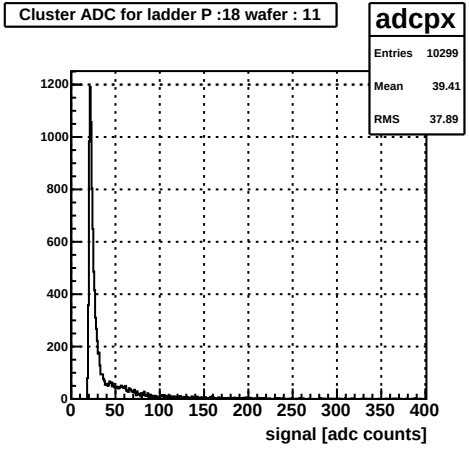

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 4225
Mean 41.23
RMS 45.83
signal [adc counts]

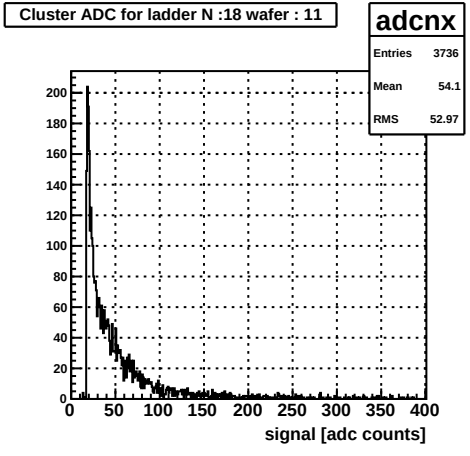

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2371
Mean 60.09
RMS 59.21
signal [adc counts]

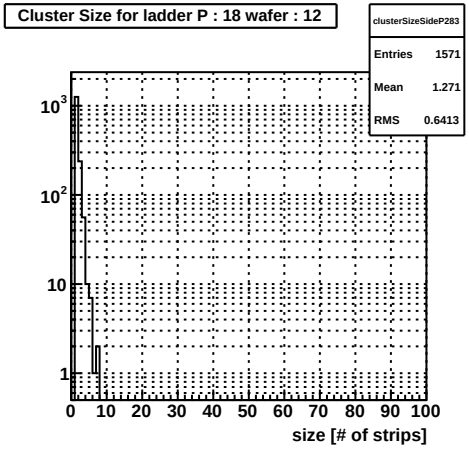

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 10299
Mean 1.163
RMS 0.5181
size [# of strips]

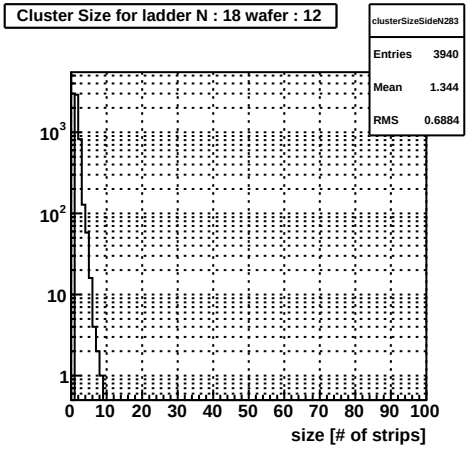

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3736
Mean 1.3
RMS 0.6767
size [# of strips]

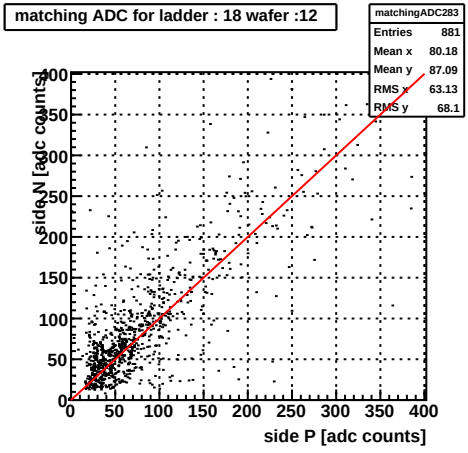

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 837
Mean x 80.17
Mean y 84.81
RMS x 63.43
RMS y 67.46
side N [adc counts]
side P [adc counts]

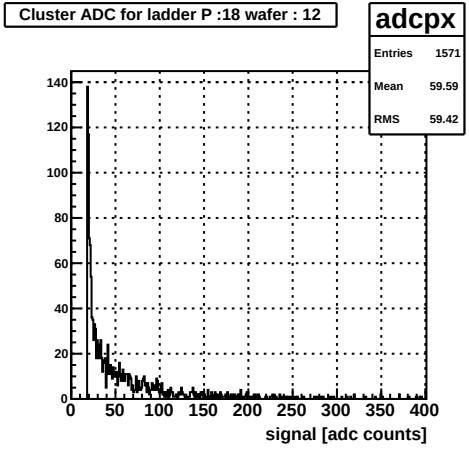

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 10299
Mean 39.41
RMS 37.89
signal [adc counts]

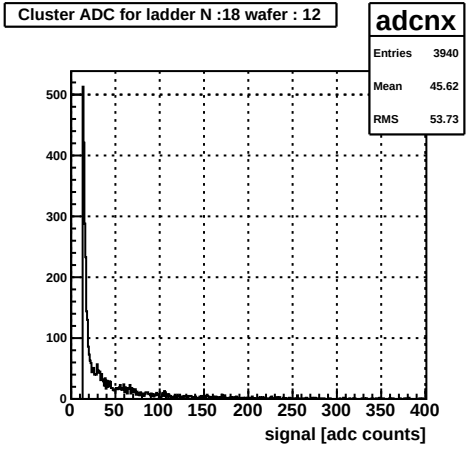

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3736
Mean 54.1
RMS 52.97
signal [adc counts]

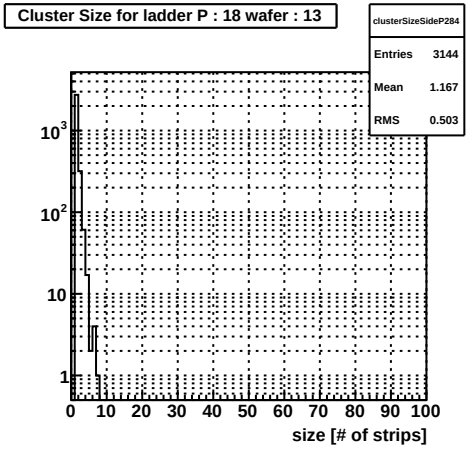

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1571
Mean 1.271
RMS 0.6413
size [# of strips]

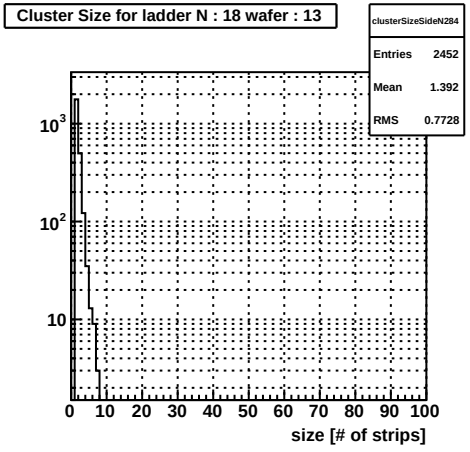

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3940
Mean 1.344
RMS 0.6884
size [# of strips]

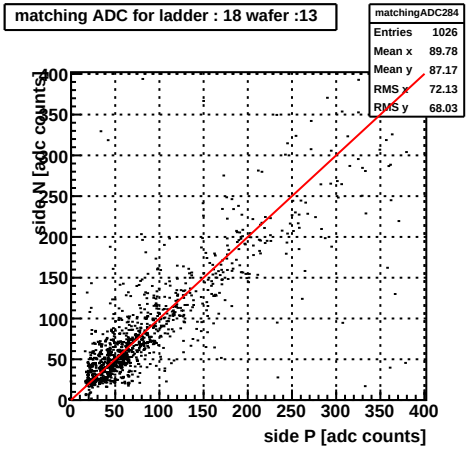

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 881
Mean x 80.18
Mean y 87.09
RMS x 63.13
RMS y 68.1
side N [adc counts]
side P [adc counts]

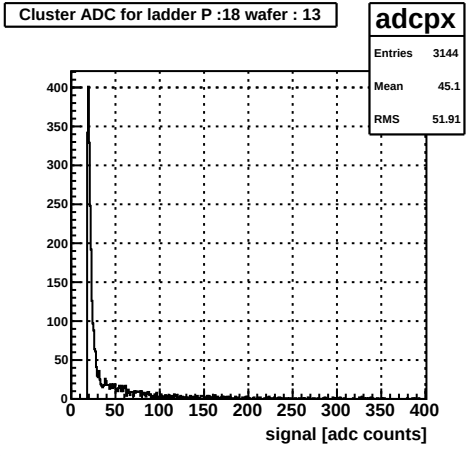

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1571
Mean 59.59
RMS 59.42
signal [adc counts]

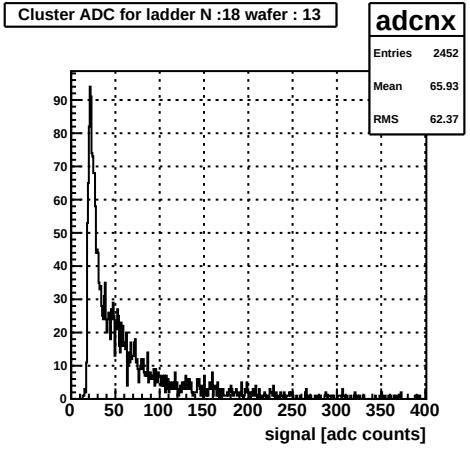

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3940
Mean 45.62
RMS 53.73
signal [adc counts]

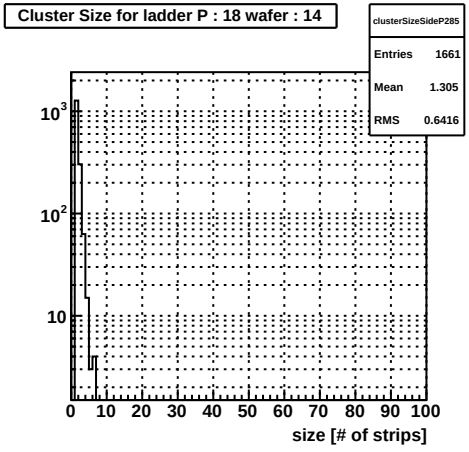

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3144
Mean 1.167
RMS 0.503
size [# of strips]

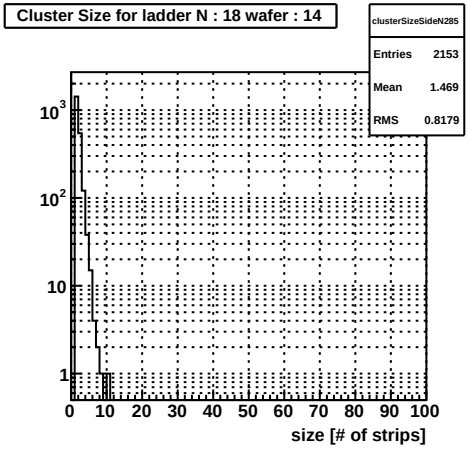

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2452
Mean 1.392
RMS 0.7728
size [# of strips]

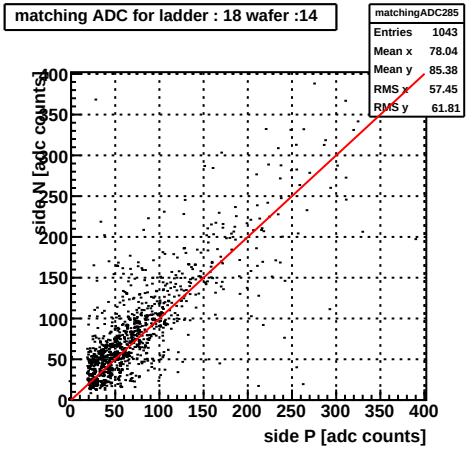

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1026
Mean x 89.78
Mean y 87.17
RMS x 72.13
RMS y 68.03
side N [adc counts]
side P [adc counts]

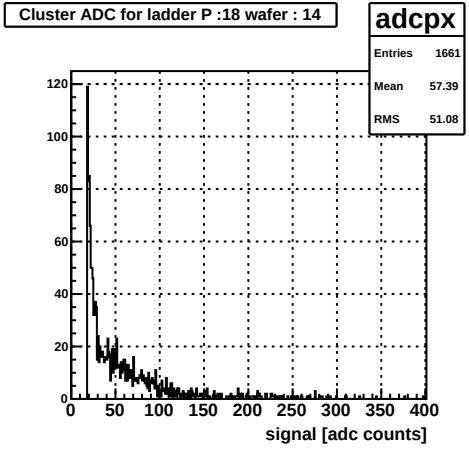

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3144
Mean 45.1
RMS 51.91
signal [adc counts]

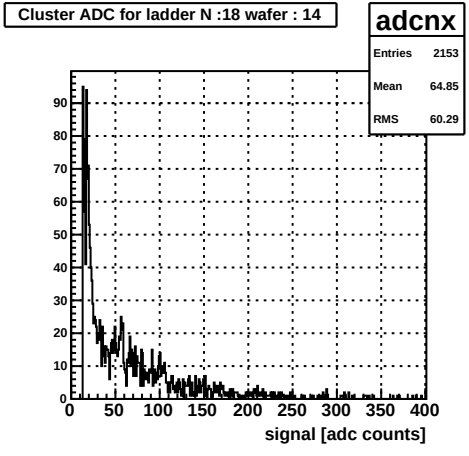

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2452
Mean 65.93
RMS 62.37
signal [adc counts]

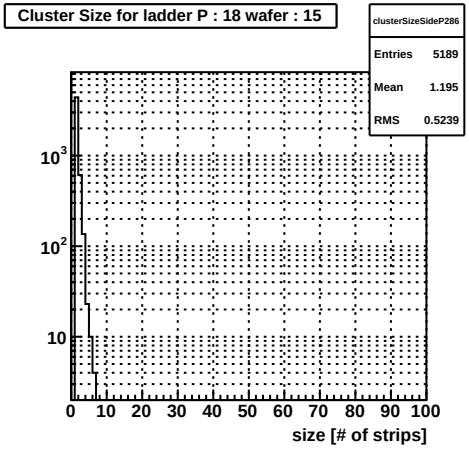

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1661
Mean 1.305
RMS 0.6416
size [# of strips]

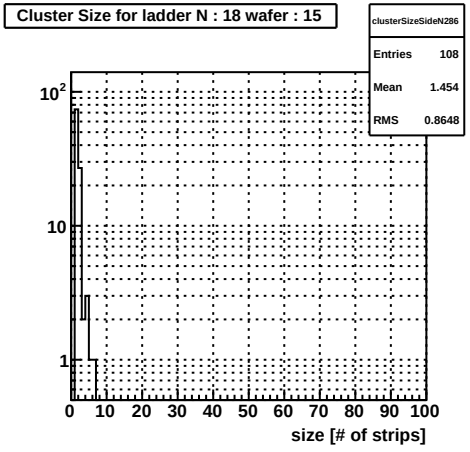

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2153
Mean 1.469
RMS 0.8179
size [# of strips]

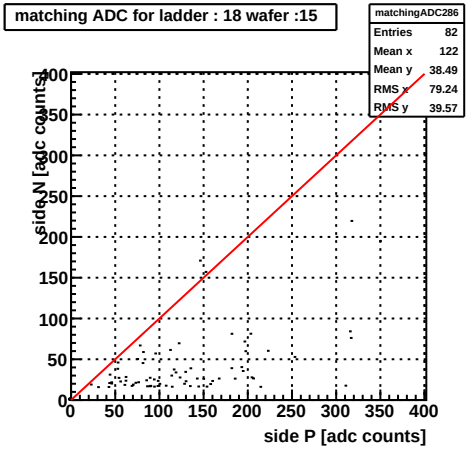

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1043
Mean x 78.04
Mean y 85.38
RMS x 57.45
RMS y 61.81
side N [adc counts]
side P [adc counts]

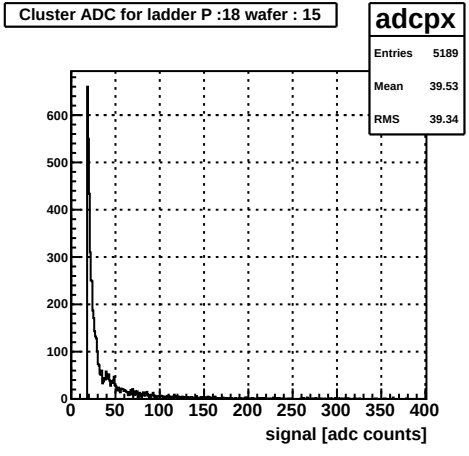

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1661
Mean 57.39
RMS 51.08
signal [adc counts]

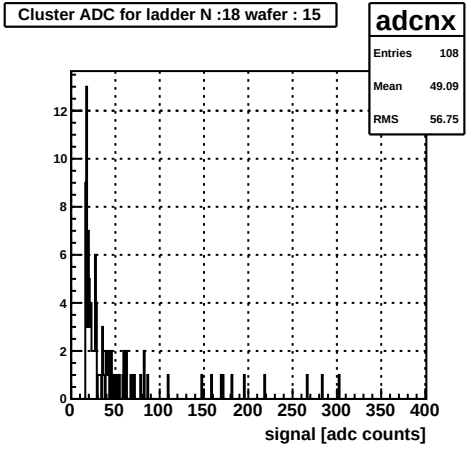

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2153
Mean 64.85
RMS 60.29
signal [adc counts]

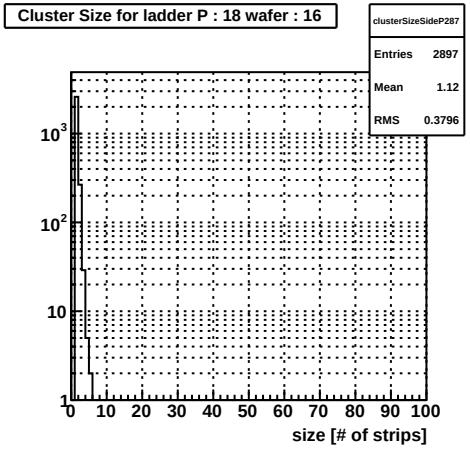

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 5189
Mean 1.195
RMS 0.5239
size [# of strips]

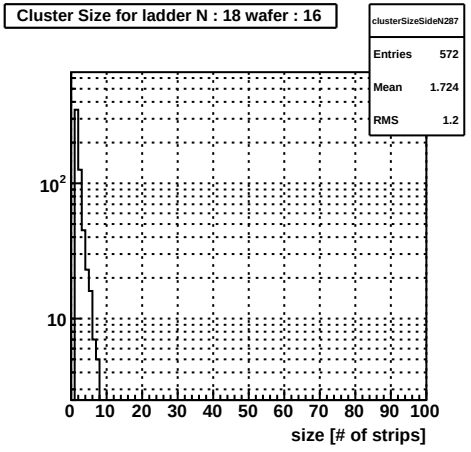

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 108
Mean 1.454
RMS 0.8648
size [# of strips]

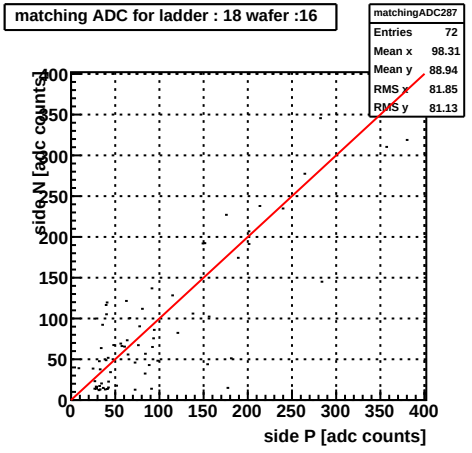

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 82
Mean x 122
Mean y 38.49
RMS x 79.24
RMS y 39.57
side N [adc counts]
side P [adc counts]

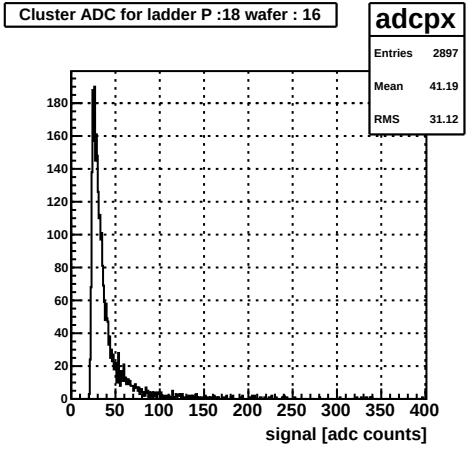

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 5189
Mean 39.53
RMS 39.34
signal [adc counts]

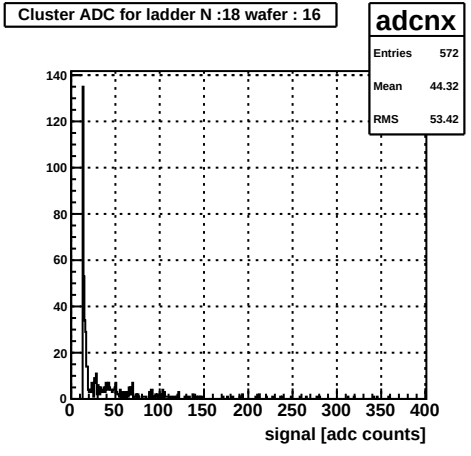

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 108
Mean 49.09
RMS 56.75
signal [adc counts]

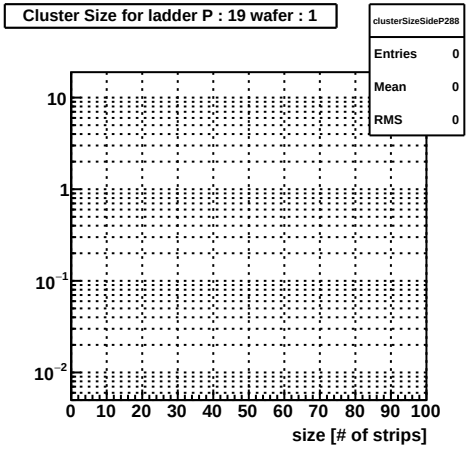

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2897
Mean 1.12
RMS 0.3796
size [# of strips]

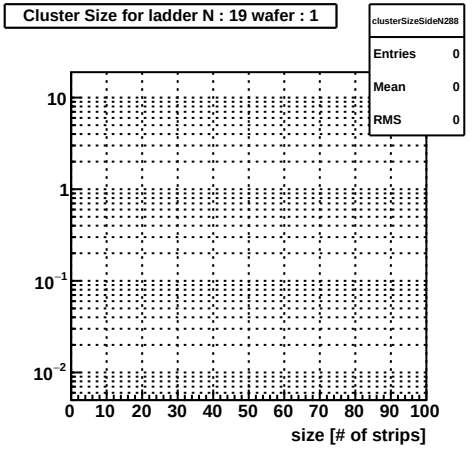

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 572
Mean 1.724
RMS 1.2
size [# of strips]

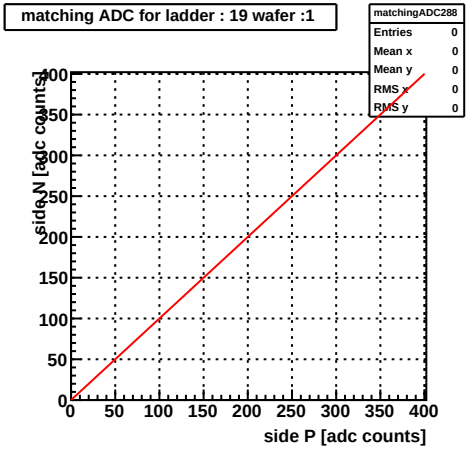

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 72
Mean x 98.31
Mean y 88.94
RMS x 81.85
RMS y 81.13
side N [adc counts]
side P [adc counts]

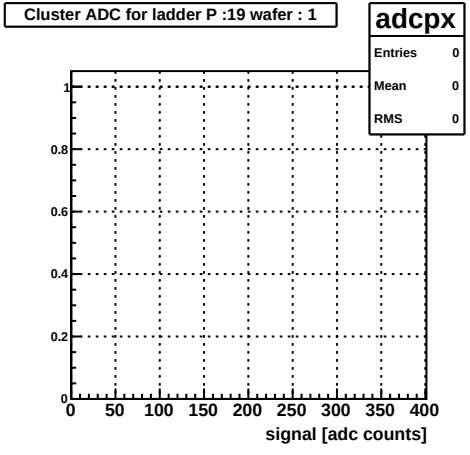

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2897
Mean 41.19
RMS 31.12
signal [adc counts]

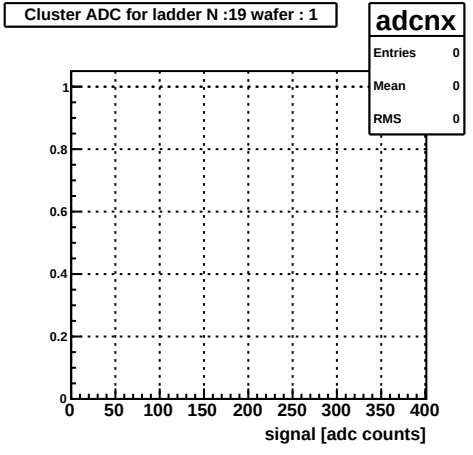

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 572
Mean 44.32
RMS 53.42
signal [adc counts]

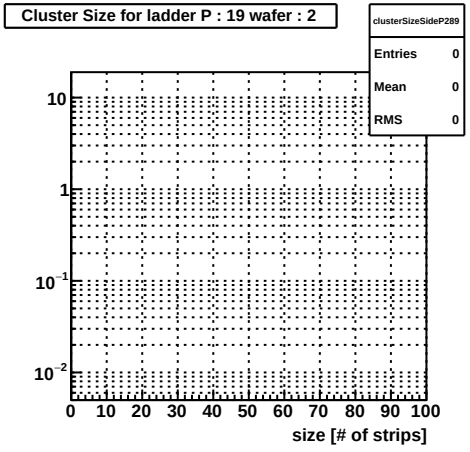

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

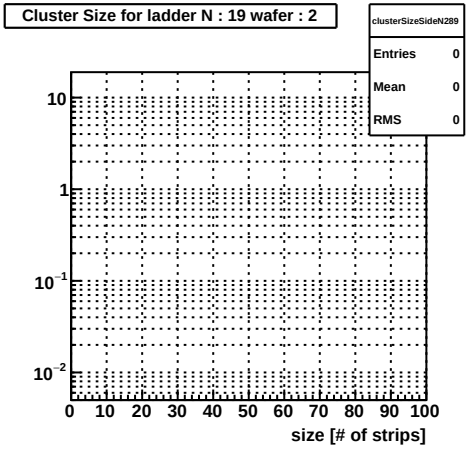

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

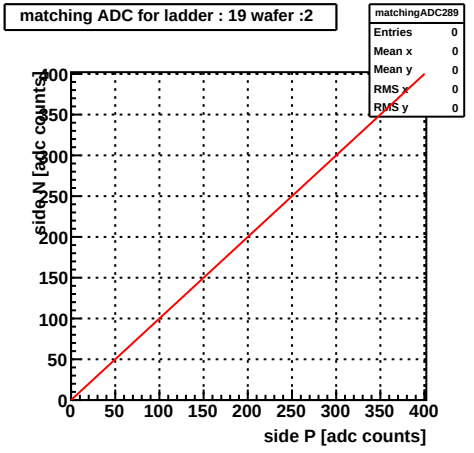

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

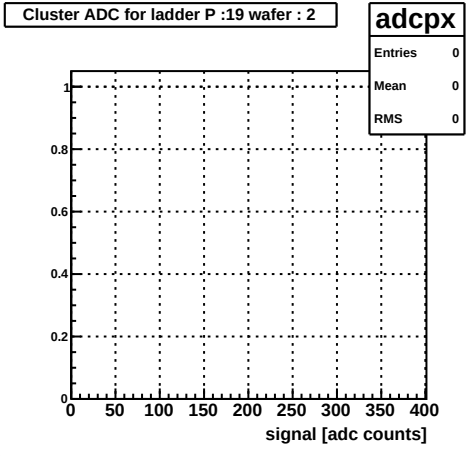

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

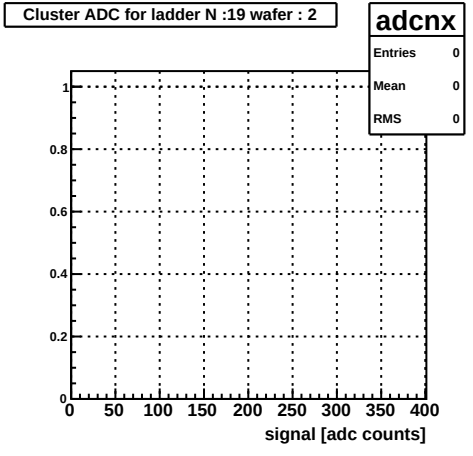

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

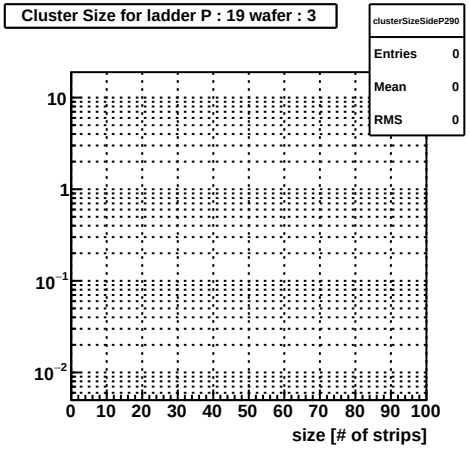

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

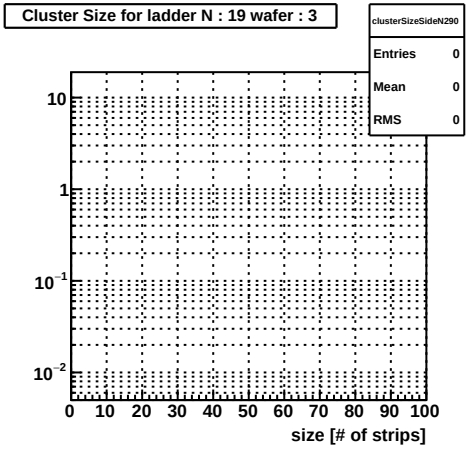

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

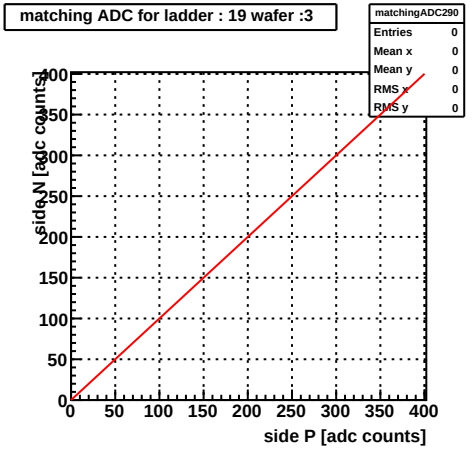

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

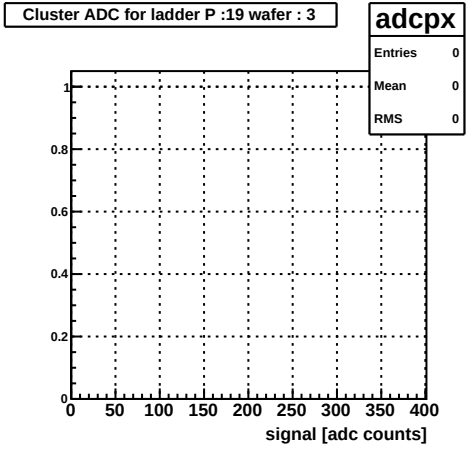

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

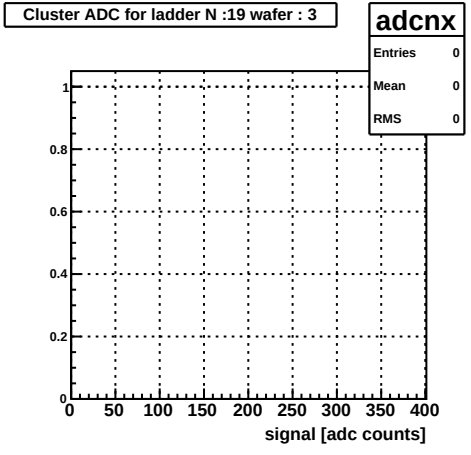

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

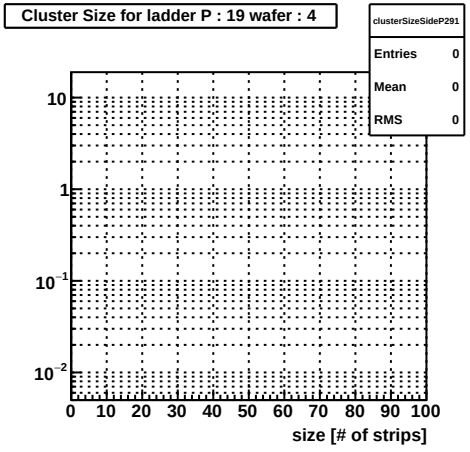

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

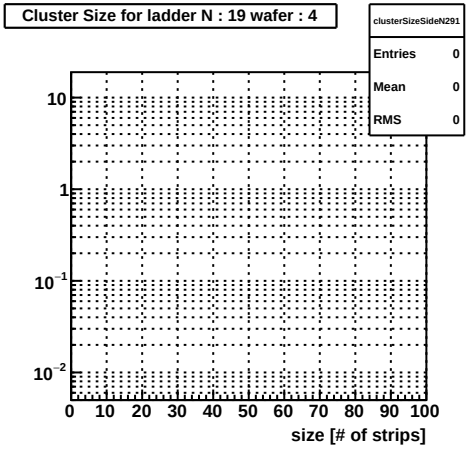

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

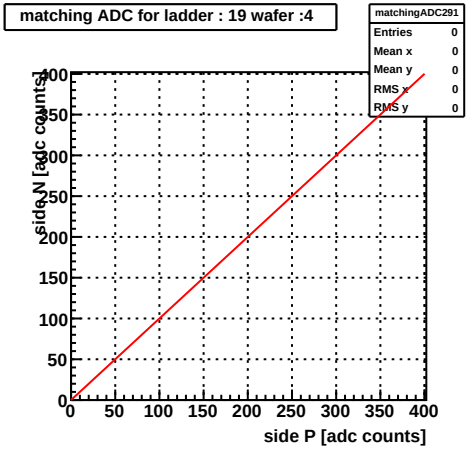

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

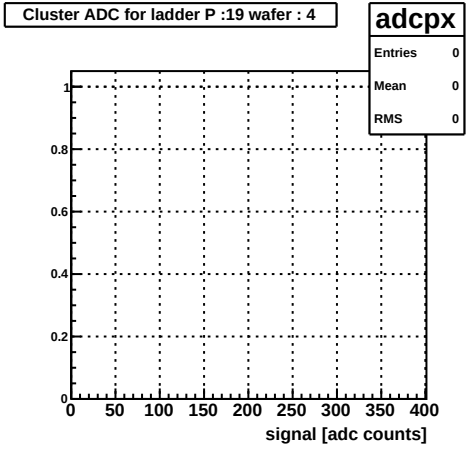

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

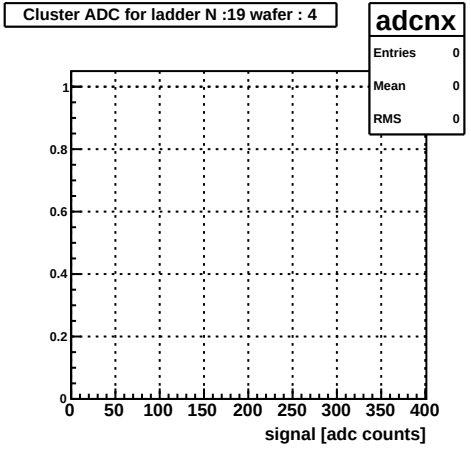

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

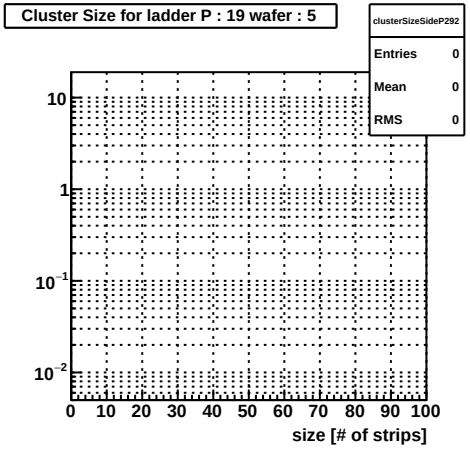

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

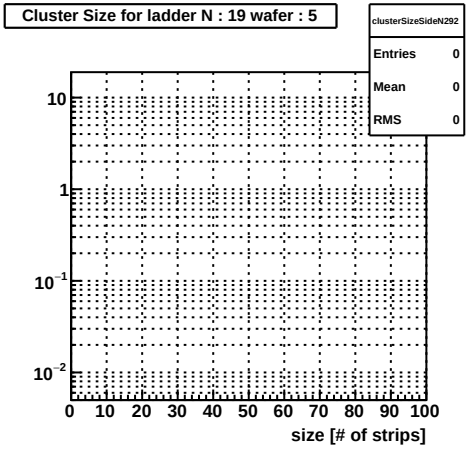

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

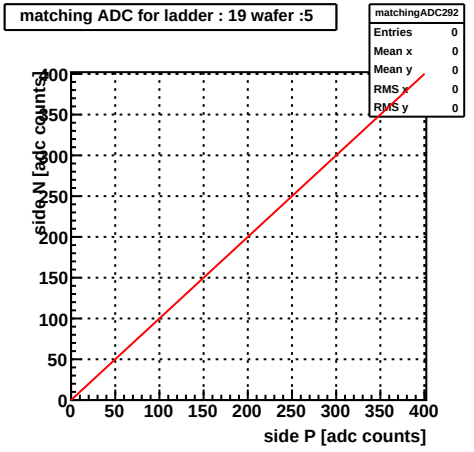

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

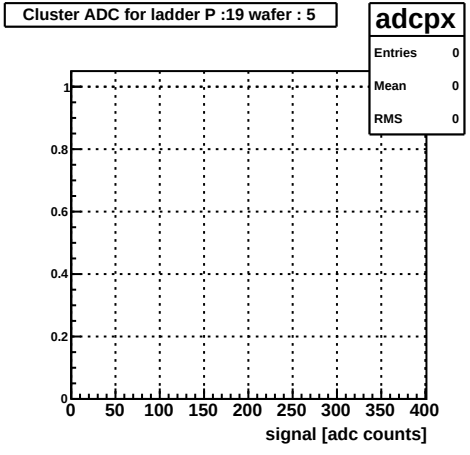

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

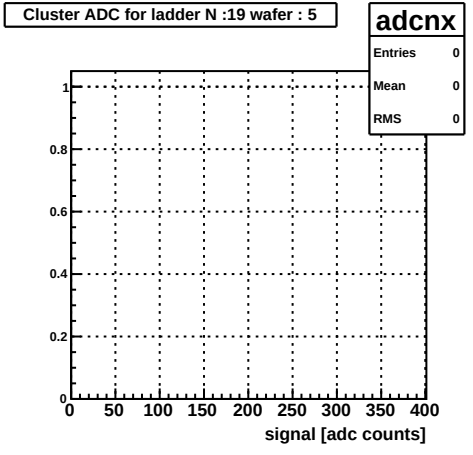

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

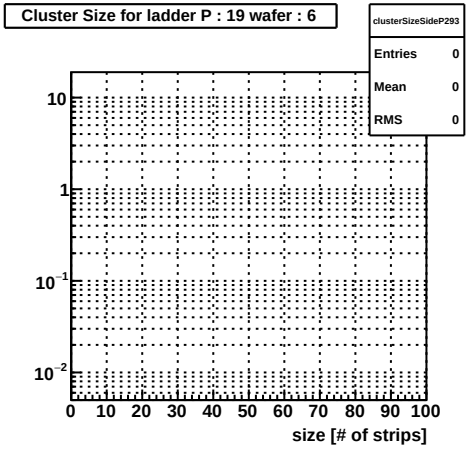

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

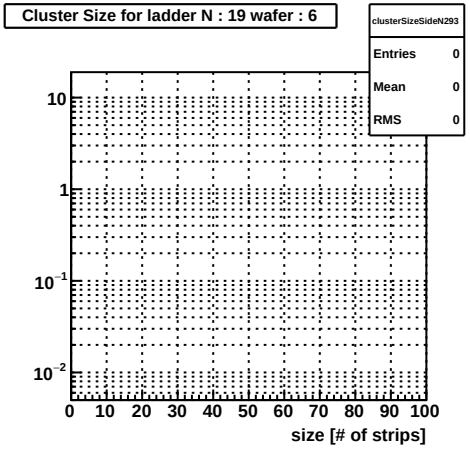

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

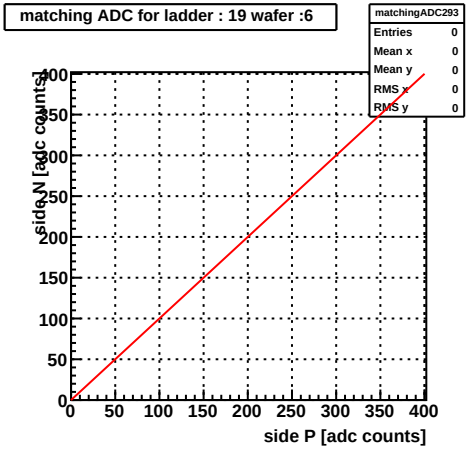

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

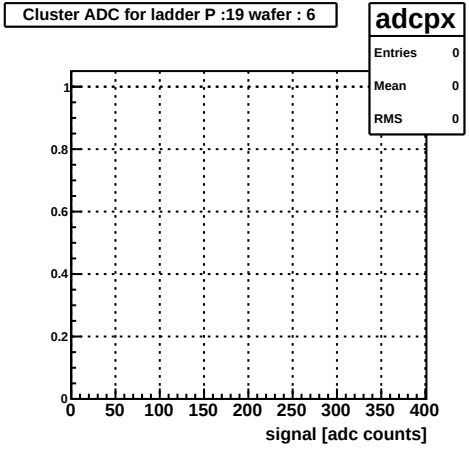

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

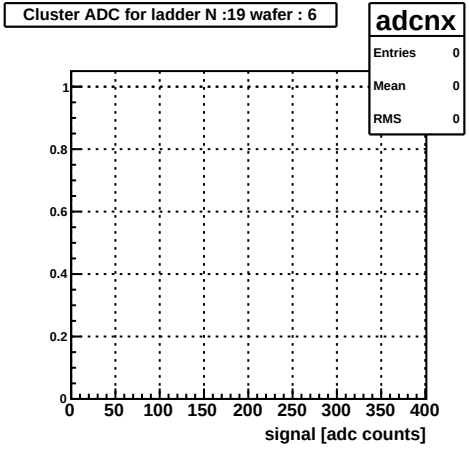

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

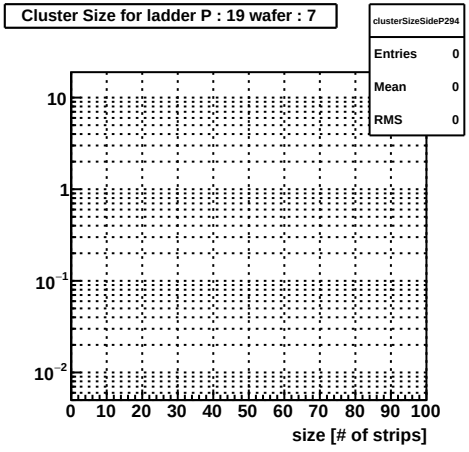

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

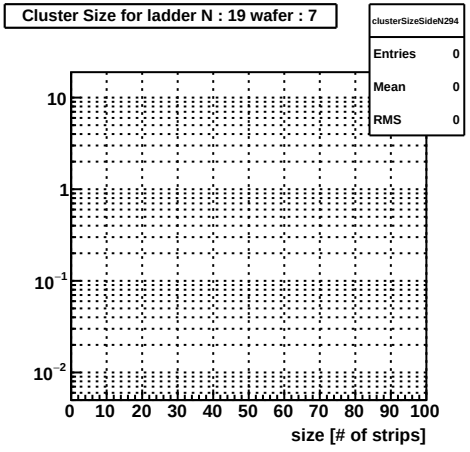

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

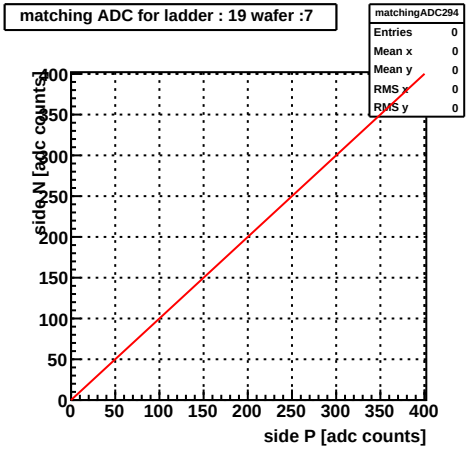

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

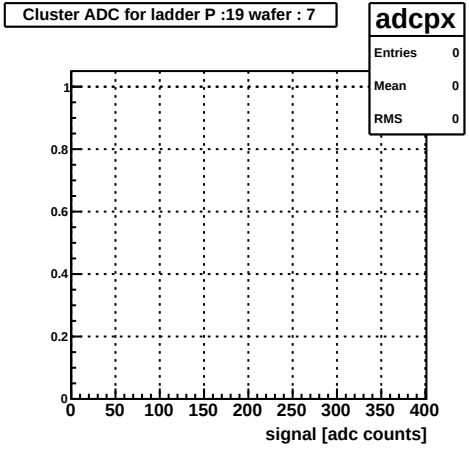

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

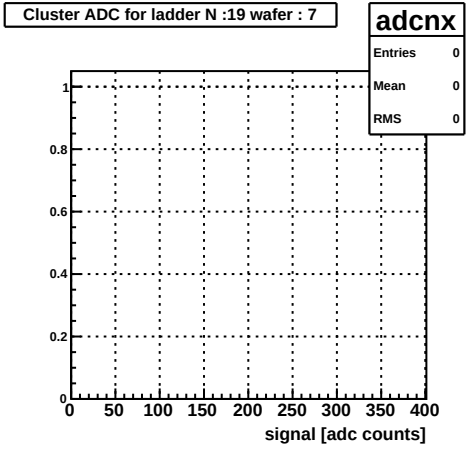

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

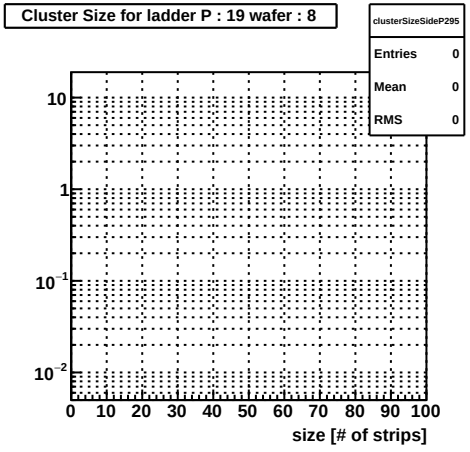

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

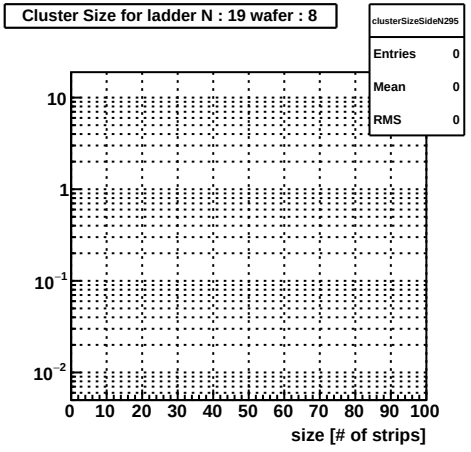

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

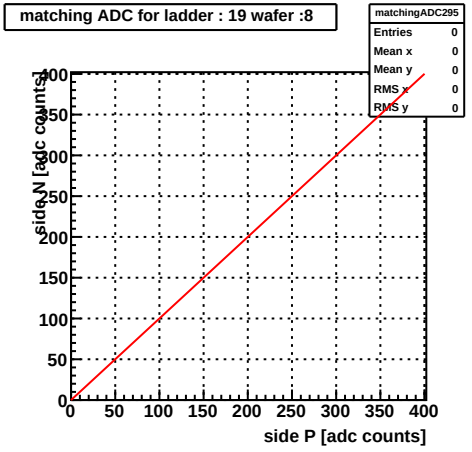

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

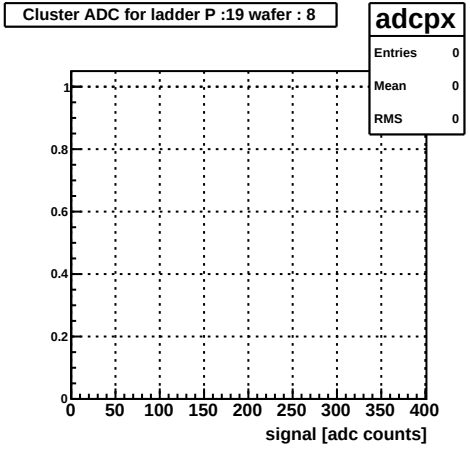

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

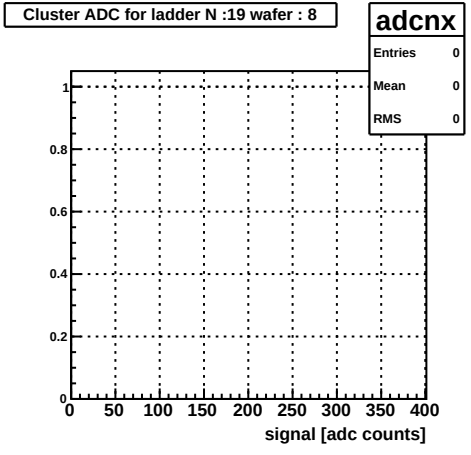

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

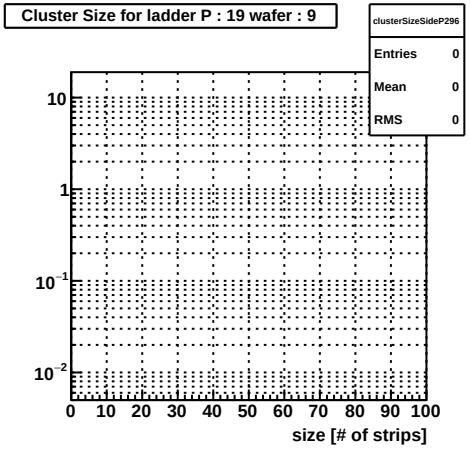

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

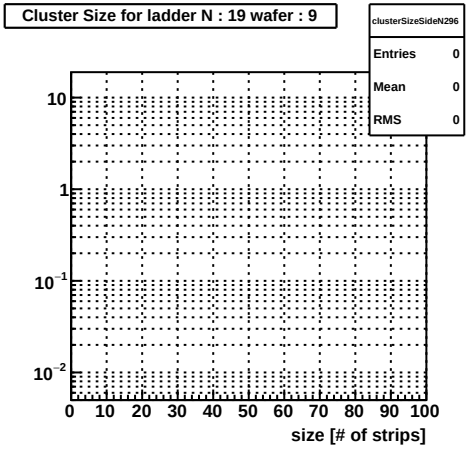

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

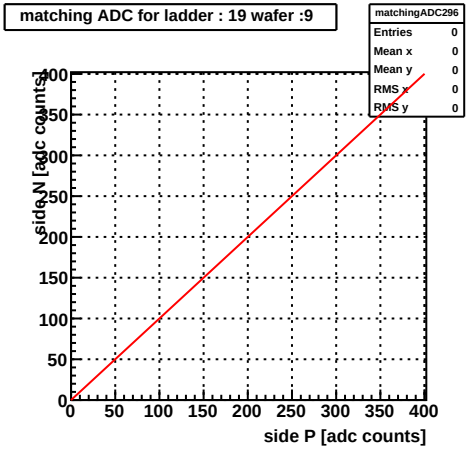

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

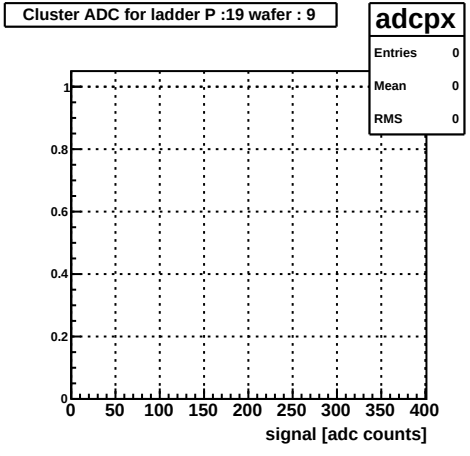

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

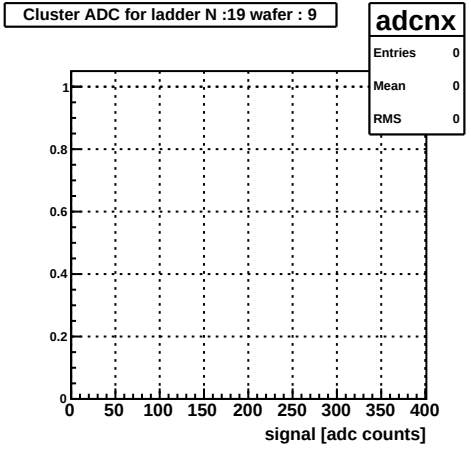

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

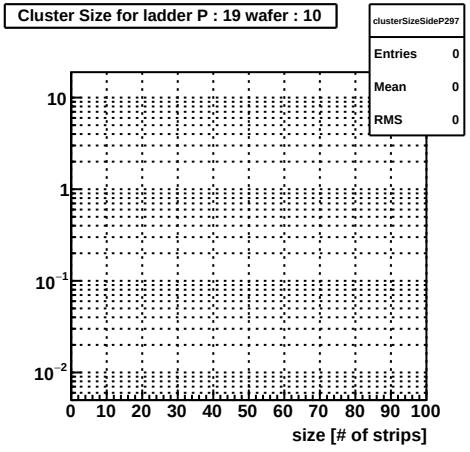

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

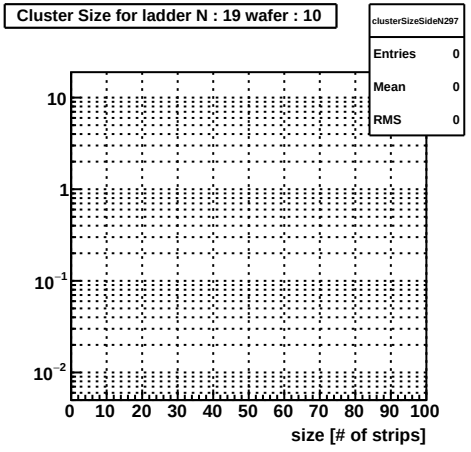

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

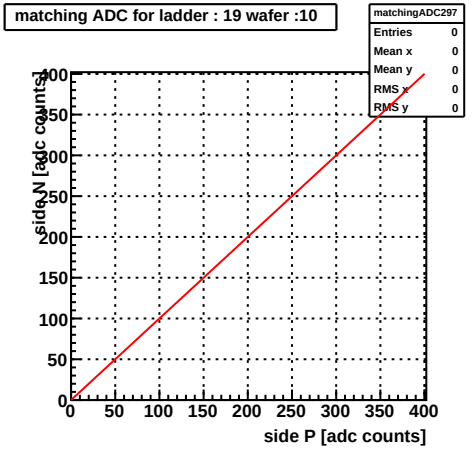

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

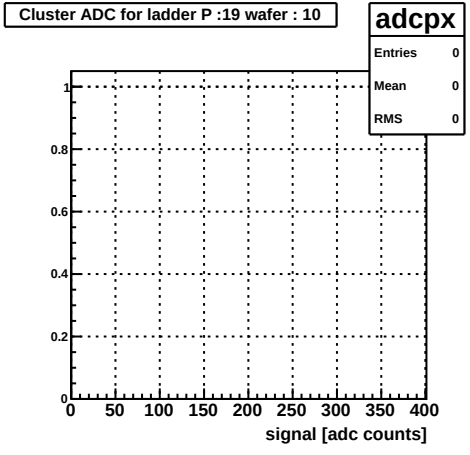

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

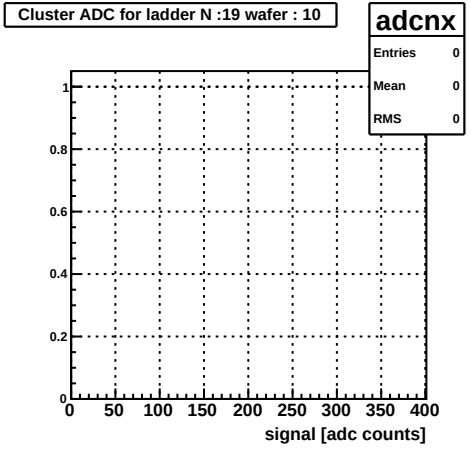

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

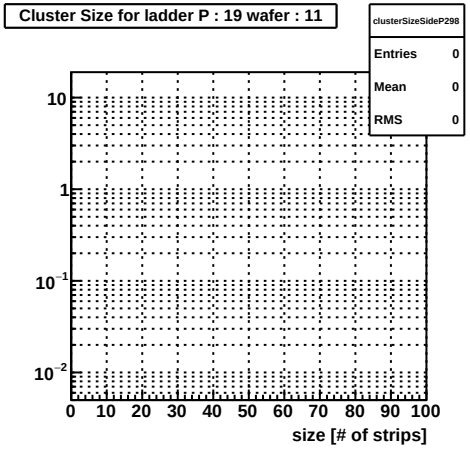

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

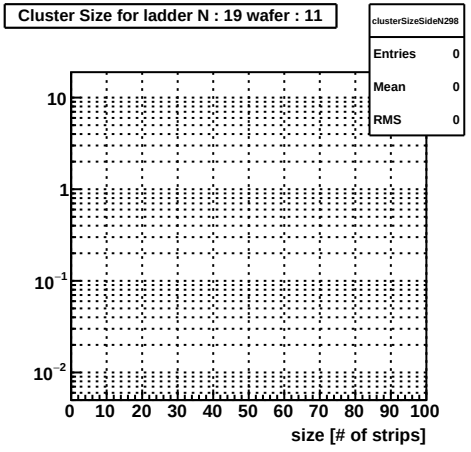

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

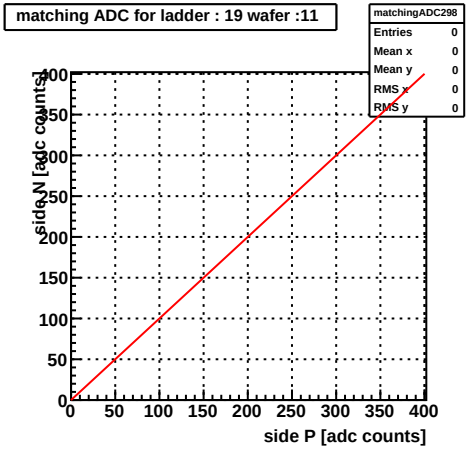

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

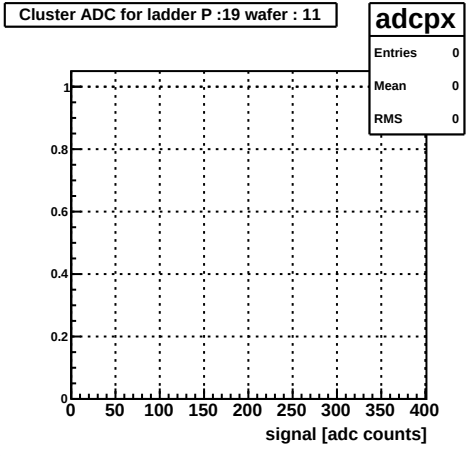

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

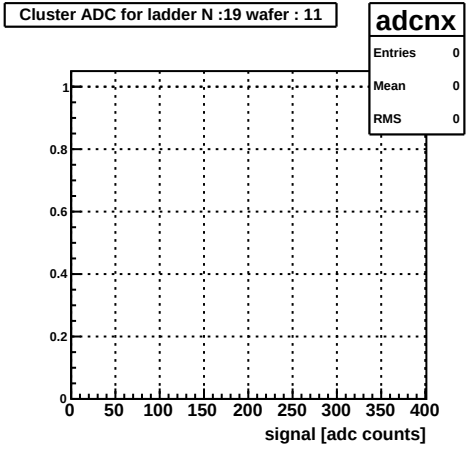

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

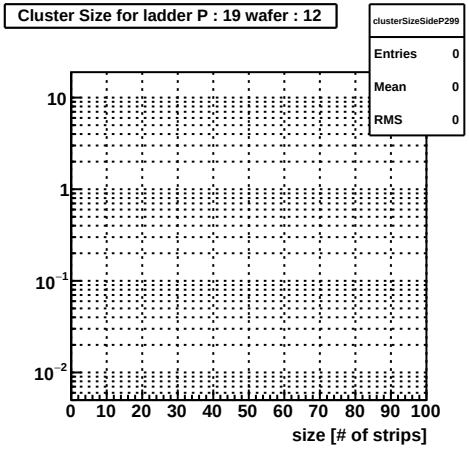

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

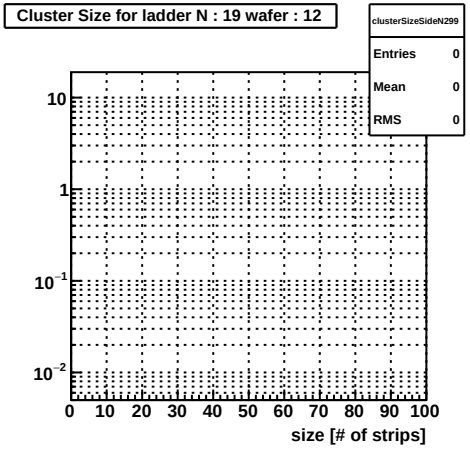

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

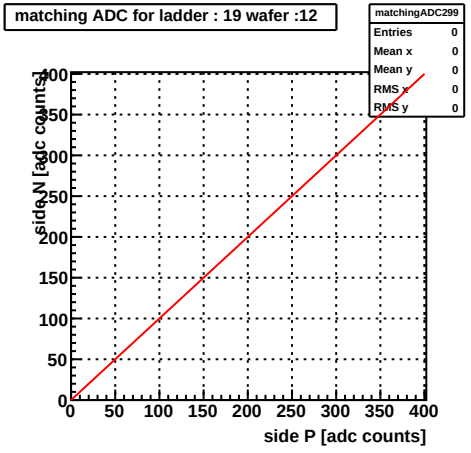

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

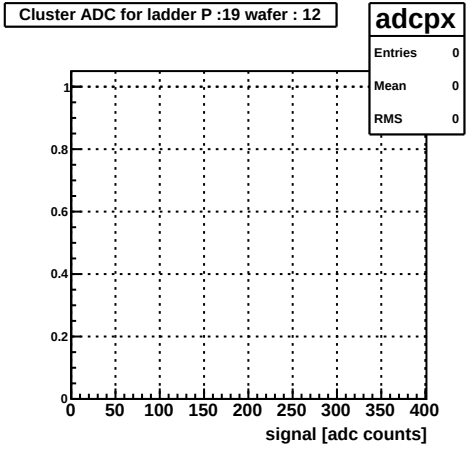

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

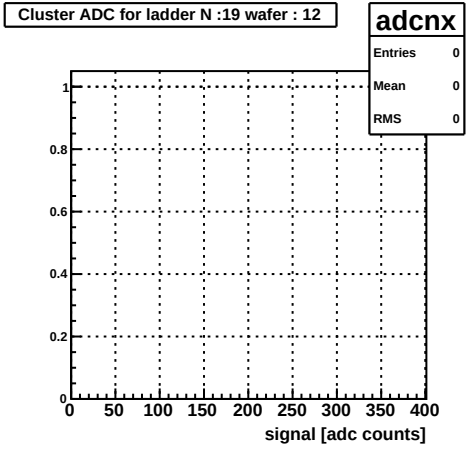

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

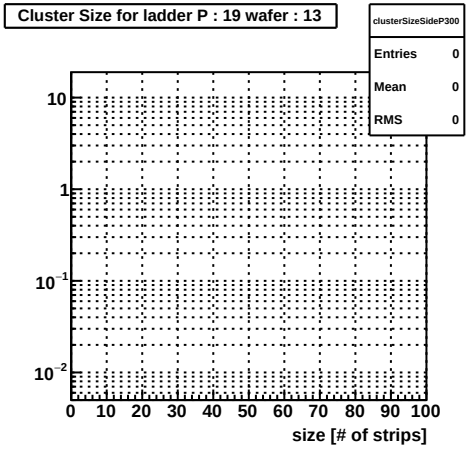

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

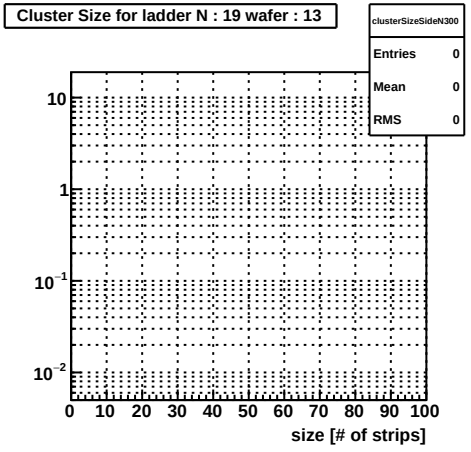

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

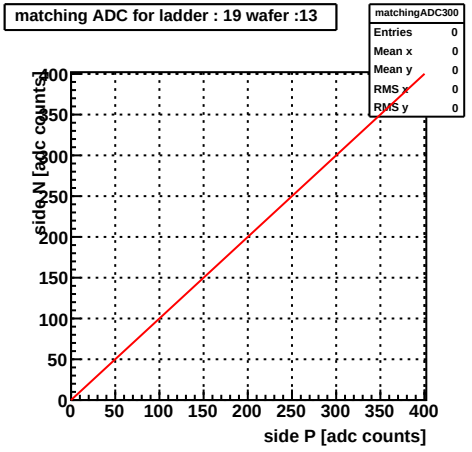

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

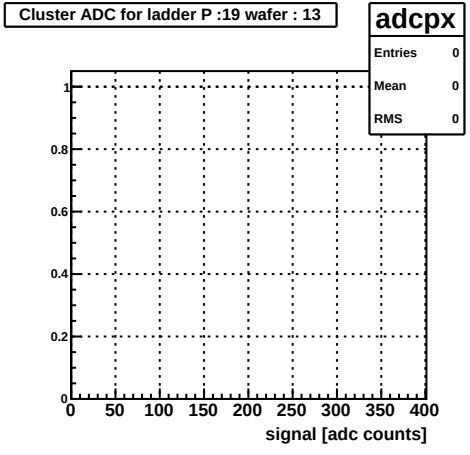

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

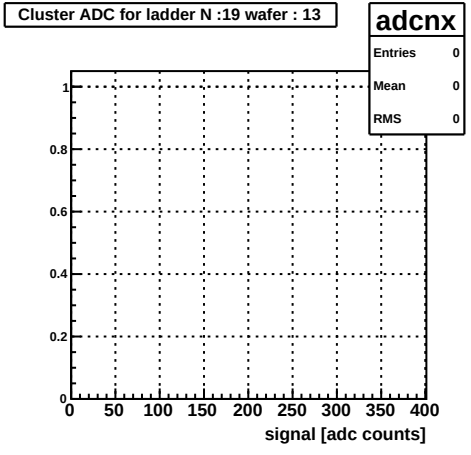

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

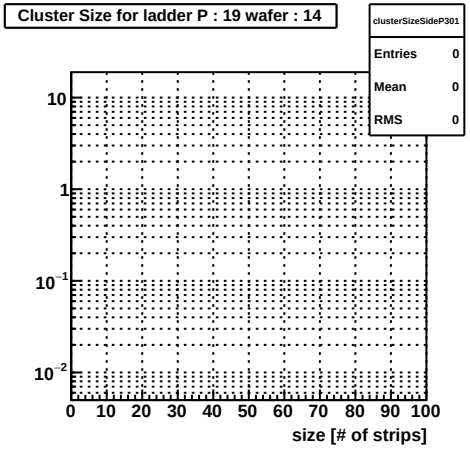

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

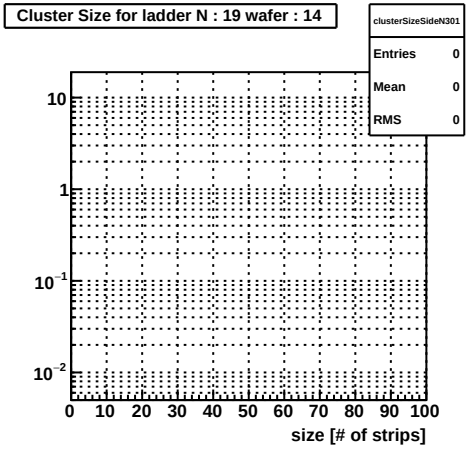

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

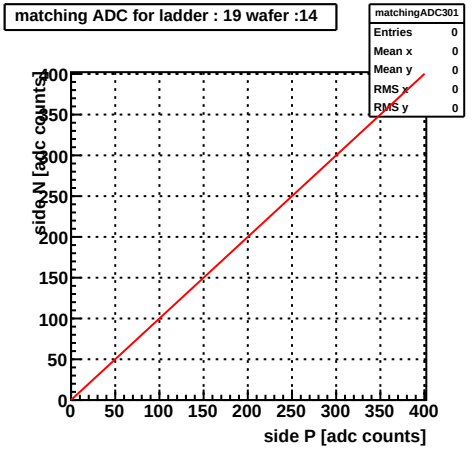

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

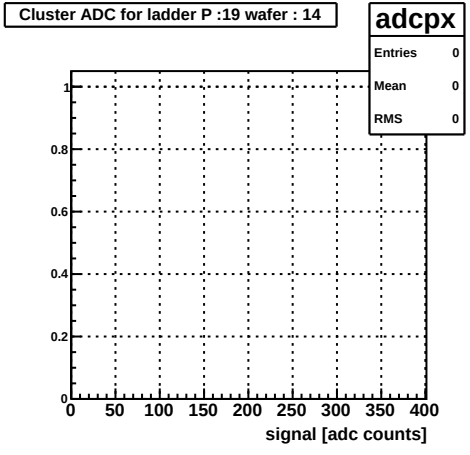

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

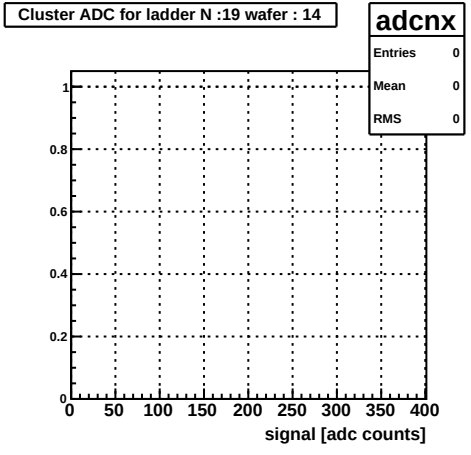

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

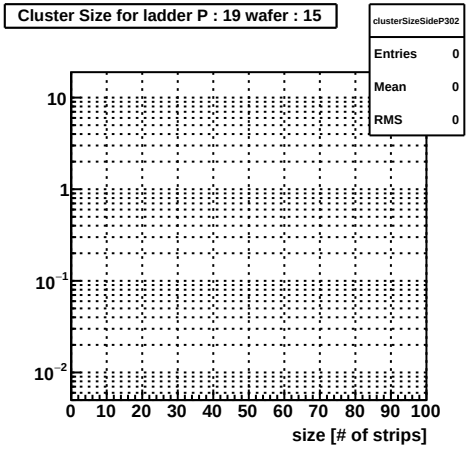

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

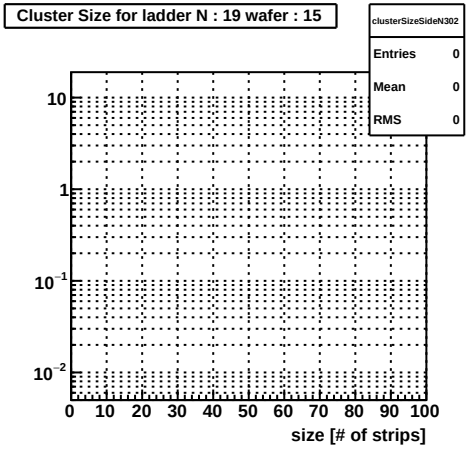

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

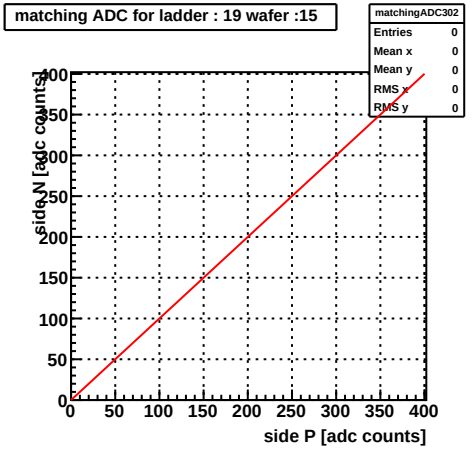

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

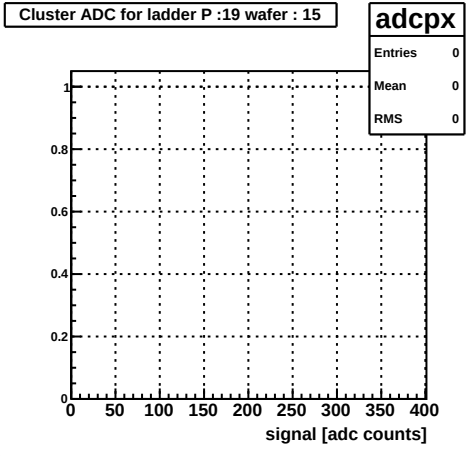

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

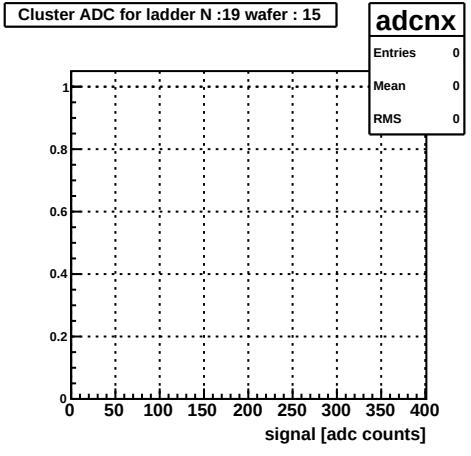

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

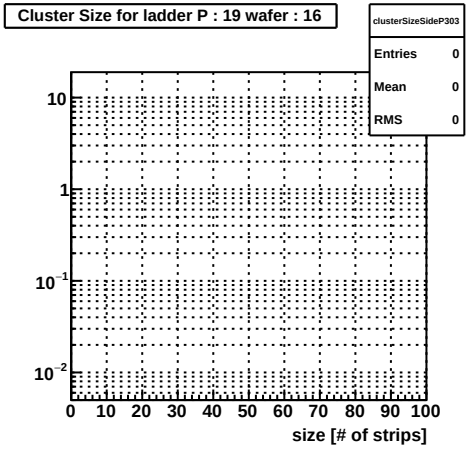

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

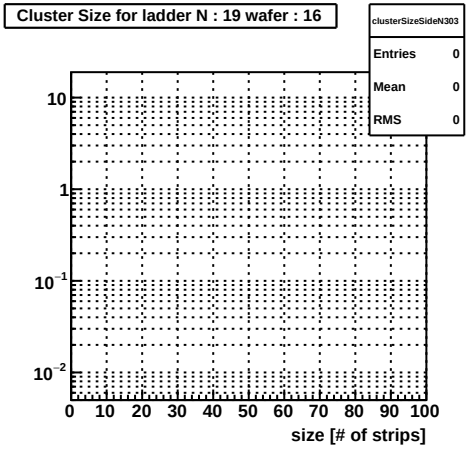

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

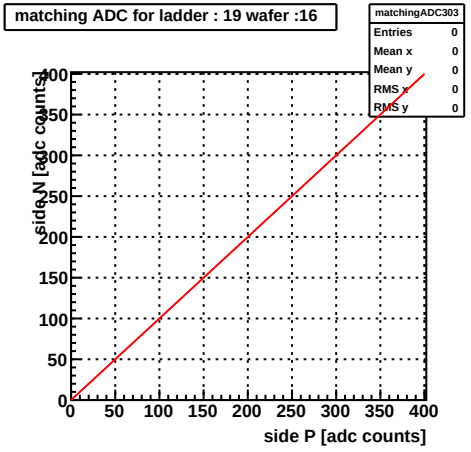

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

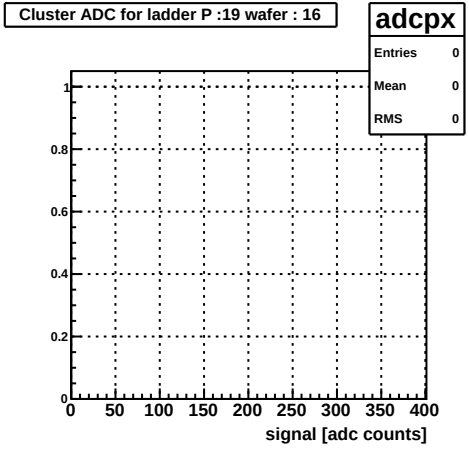

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

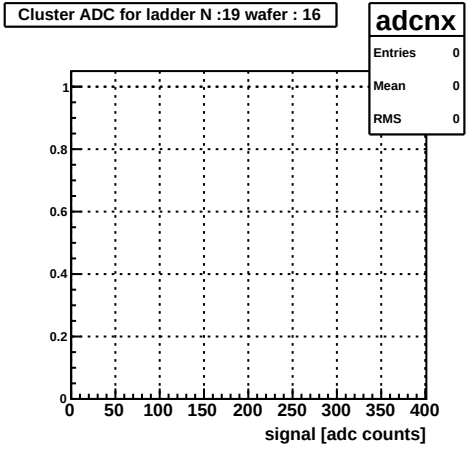

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

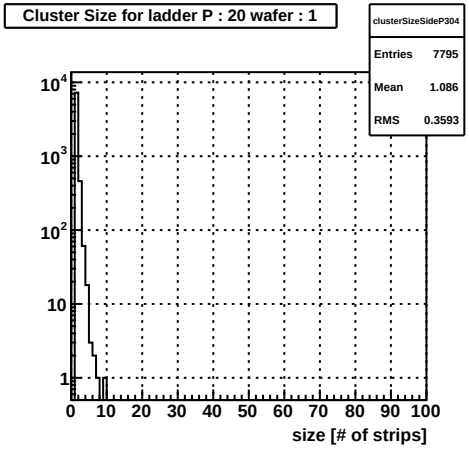

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

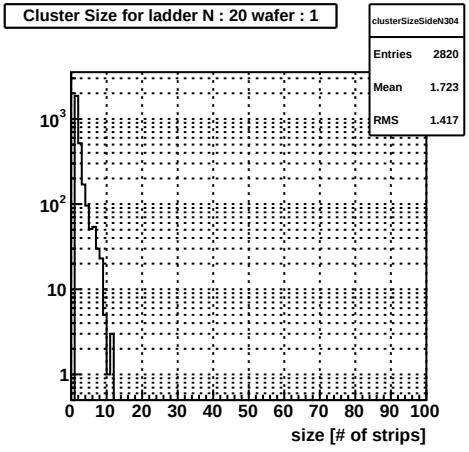

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

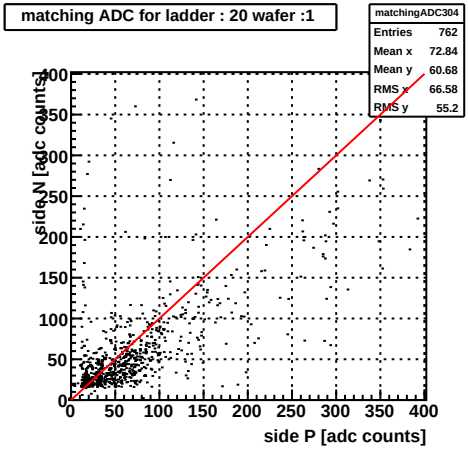

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

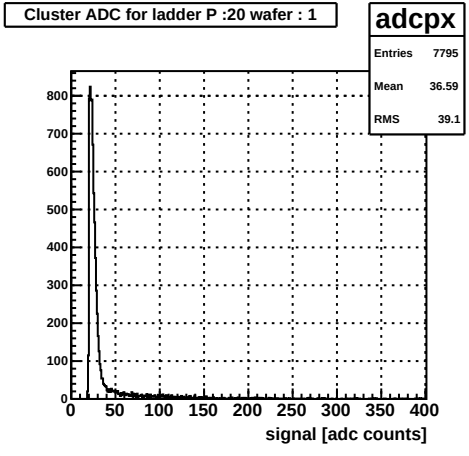

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

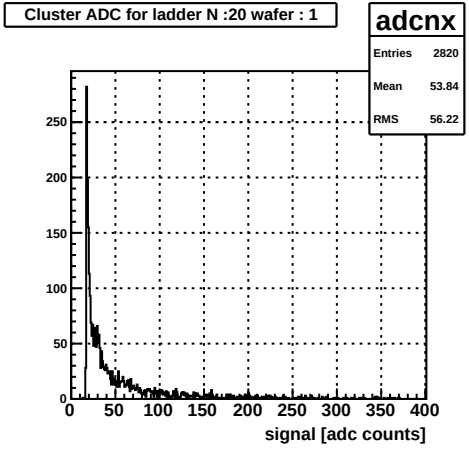

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

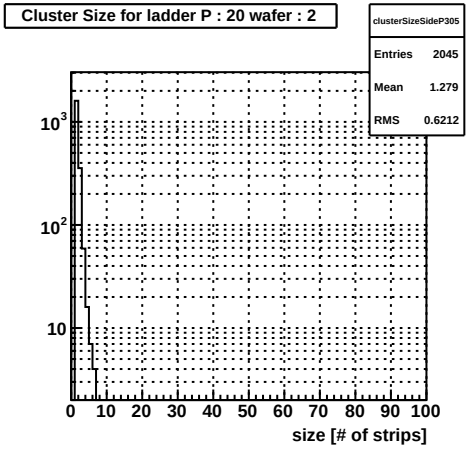

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7795
Mean 1.086
RMS 0.3593
size [# of strips]

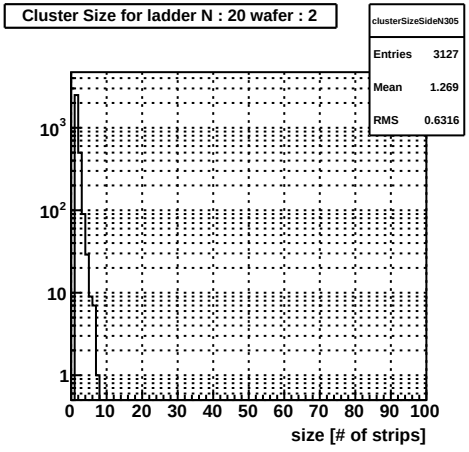

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2820
Mean 1.723
RMS 1.417
size [# of strips]

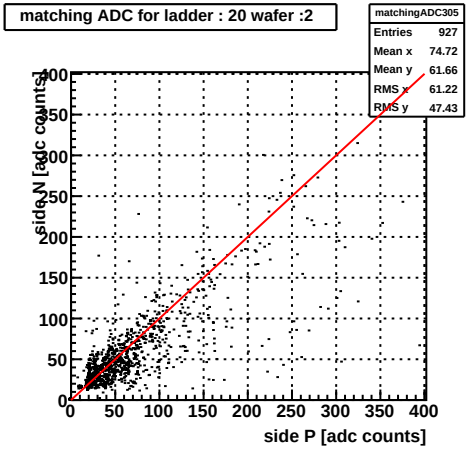

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 762
Mean x 72.84
Mean y 60.68
RMS x 66.58
RMS y 55.2
side N [adc counts]
side P [adc counts]

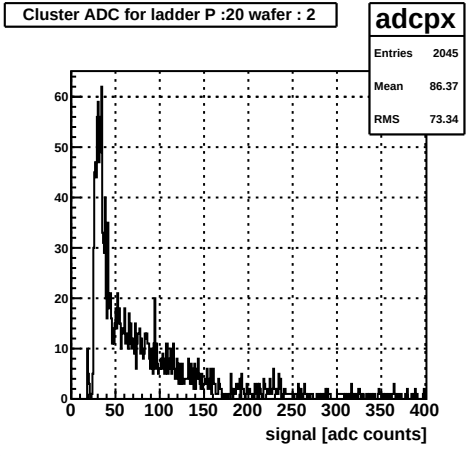

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7795
Mean 36.59
RMS 39.1
signal [adc counts]

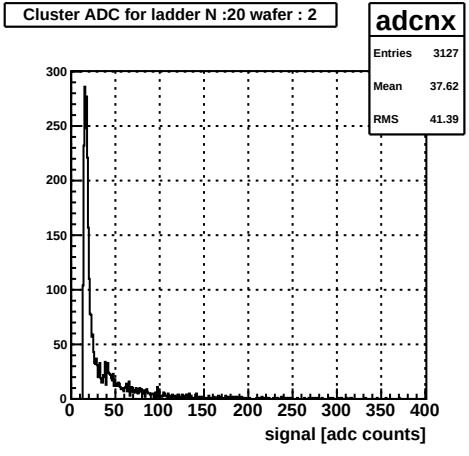

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2820
Mean 53.84
RMS 56.22
signal [adc counts]

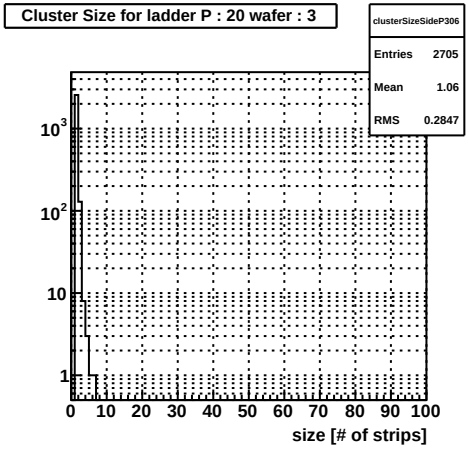

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2045
Mean 1.279
RMS 0.6212
size [# of strips]

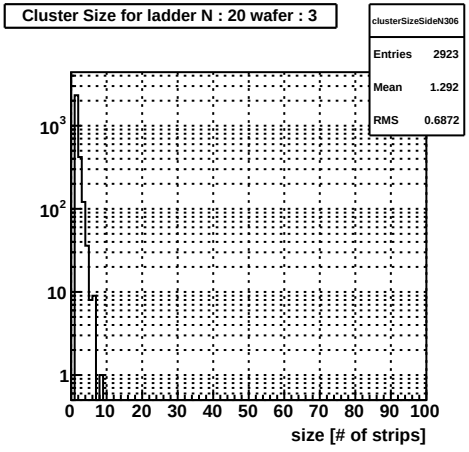

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3127
Mean 1.269
RMS 0.6316
size [# of strips]

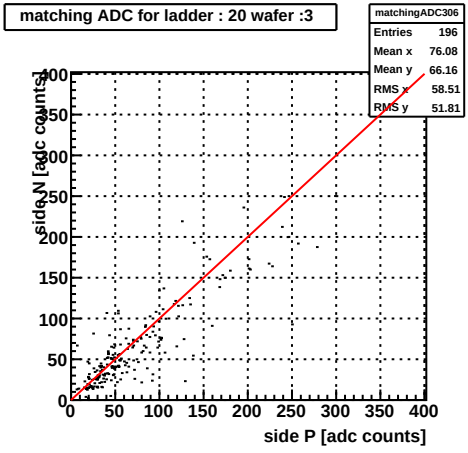

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 927
Mean x 74.72
Mean y 61.66
RMS x 61.22
RMS y 47.43
side N [adc counts]
side P [adc counts]

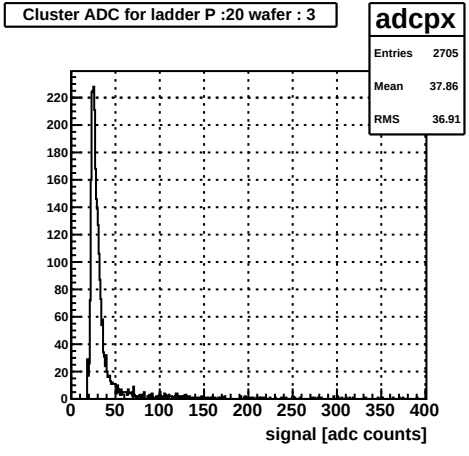

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2045
Mean 86.37
RMS 73.34
signal [adc counts]

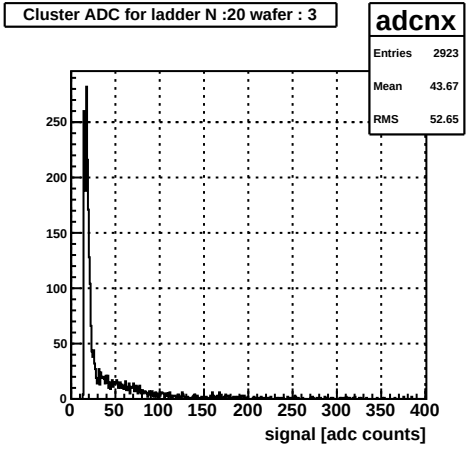

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3127
Mean 37.62
RMS 41.39
signal [adc counts]

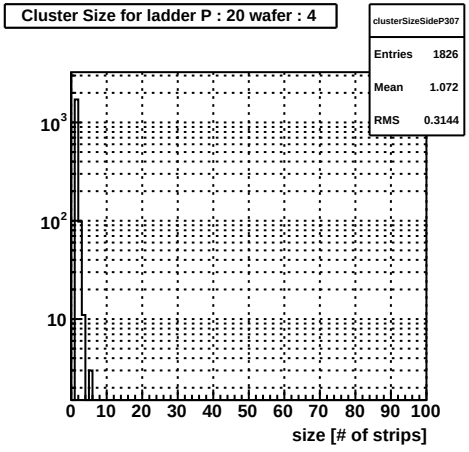

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2705
Mean 1.06
RMS 0.2847
size [# of strips]

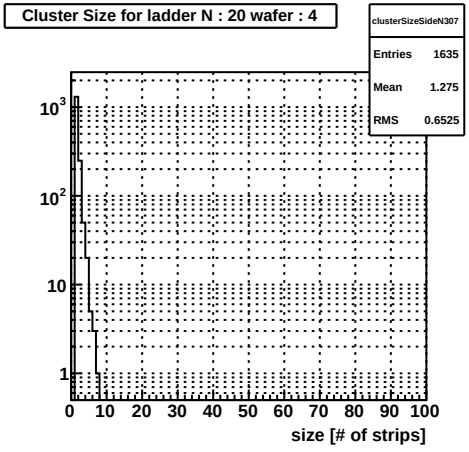

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2923
Mean 1.292
RMS 0.6872
size [# of strips]

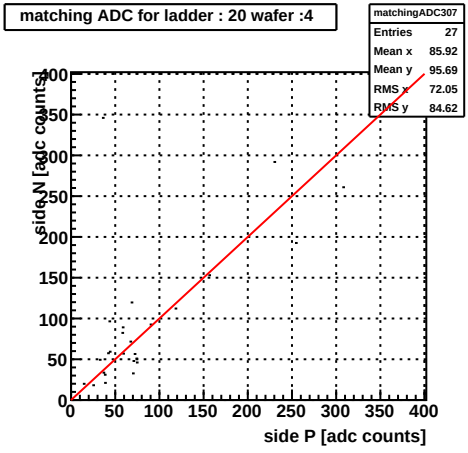

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 196
Mean x 76.08
Mean y 66.16
RMS x 58.51
RMS y 51.81
side N [adc counts]
side P [adc counts]

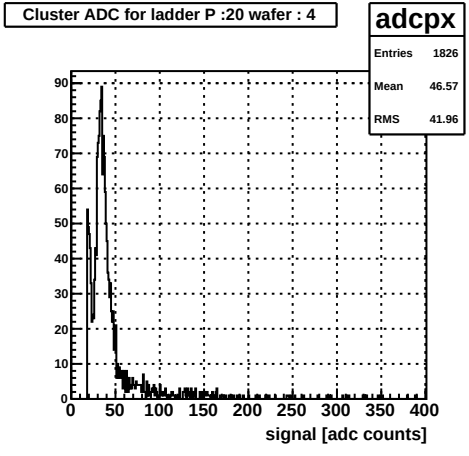

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2705
Mean 37.86
RMS 36.91
signal [adc counts]

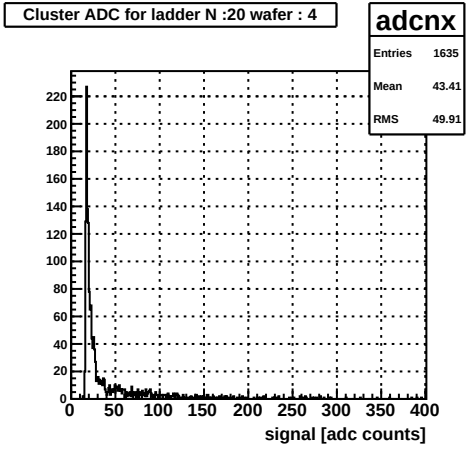

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2923
Mean 43.67
RMS 52.65
signal [adc counts]

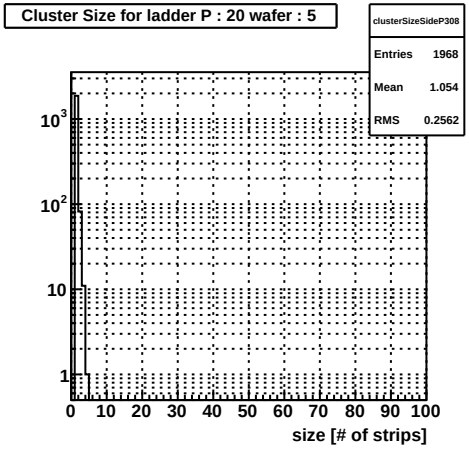

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1826
Mean 1.072
RMS 0.3144
size [# of strips]

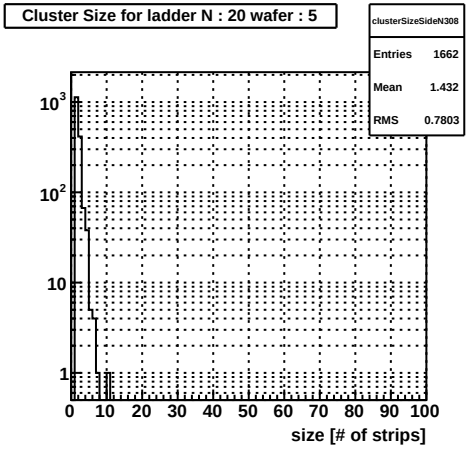

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1635
Mean 1.275
RMS 0.6525
size [# of strips]

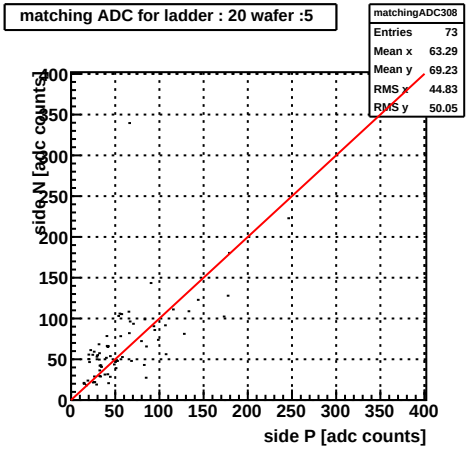

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 27
Mean x 85.92
Mean y 95.69
RMS x 72.05
RMS y 84.62
side N [adc counts]
side P [adc counts]

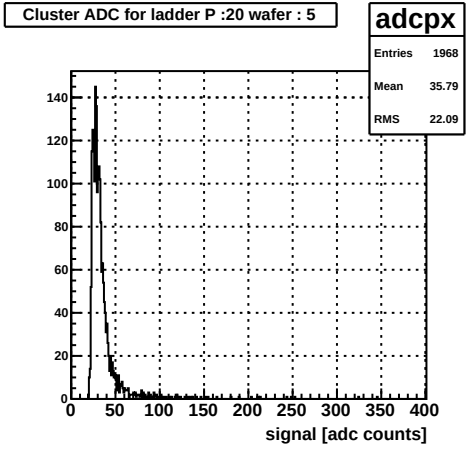

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1826
Mean 46.57
RMS 41.96
signal [adc counts]

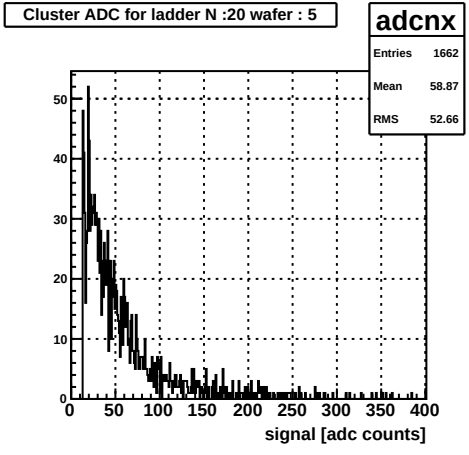

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1635
Mean 43.41
RMS 49.91
signal [adc counts]

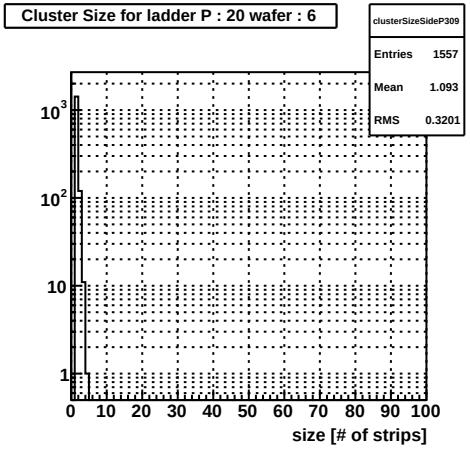

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1968
Mean 1.054
RMS 0.2562
size [# of strips]

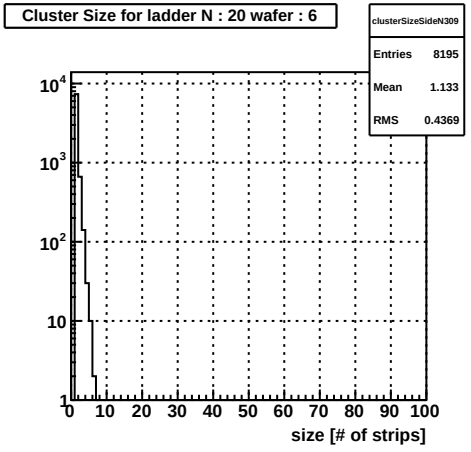

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1662
Mean 1.432
RMS 0.7803
size [# of strips]

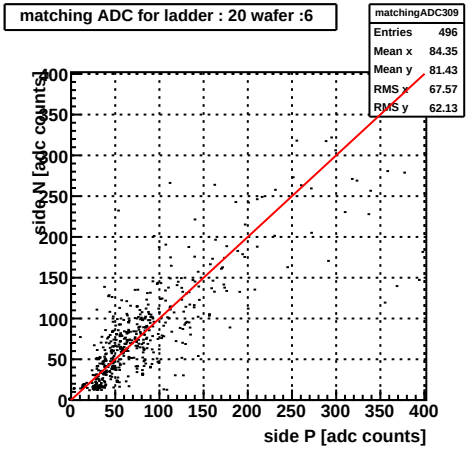

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 73
Mean x 63.29
Mean y 69.23
RMS x 44.83
RMS y 50.05
side N [adc counts]
side P [adc counts]

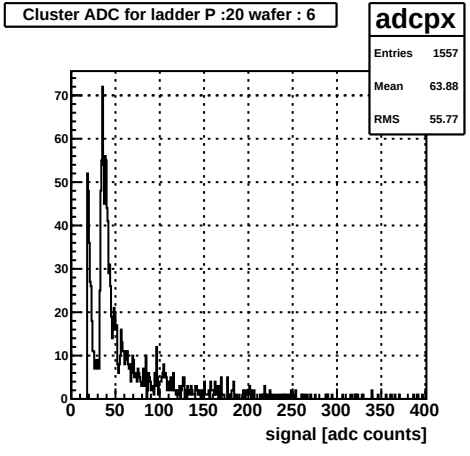

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1968
Mean 35.79
RMS 22.09
signal [adc counts]

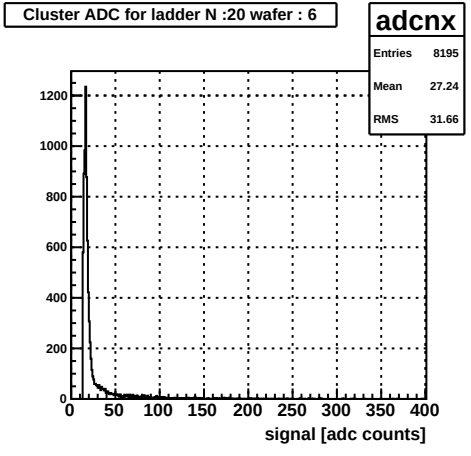

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1662
Mean 58.87
RMS 52.66
signal [adc counts]

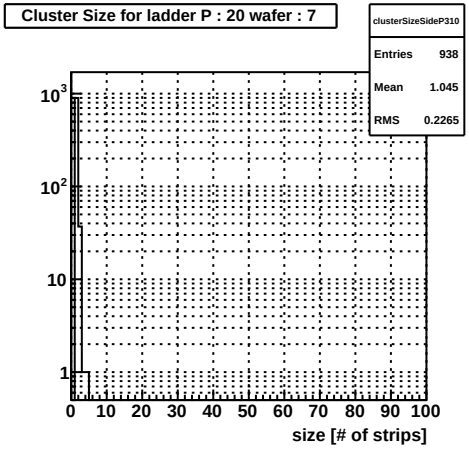

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1557
Mean 1.093
RMS 0.3201
size [# of strips]

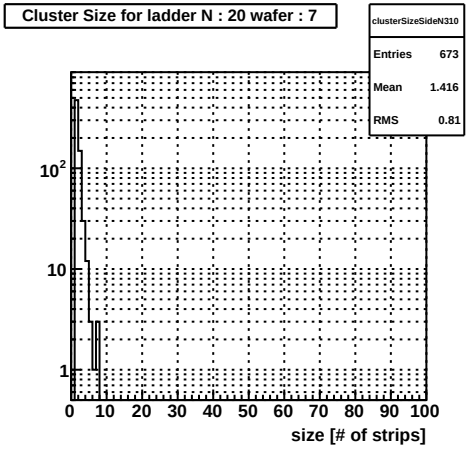

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 8195
Mean 1.133
RMS 0.4369
size [# of strips]

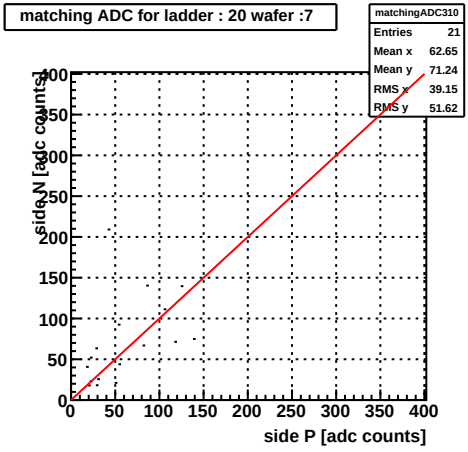

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 496
Mean x 84.35
Mean y 81.43
RMS x 67.57
RMS y 62.13
side N [adc counts]
side P [adc counts]

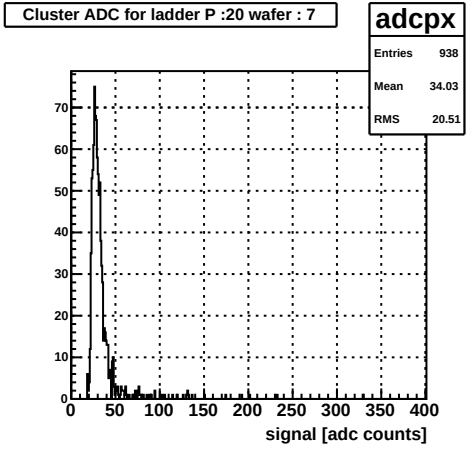

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1557
Mean 63.88
RMS 55.77
signal [adc counts]

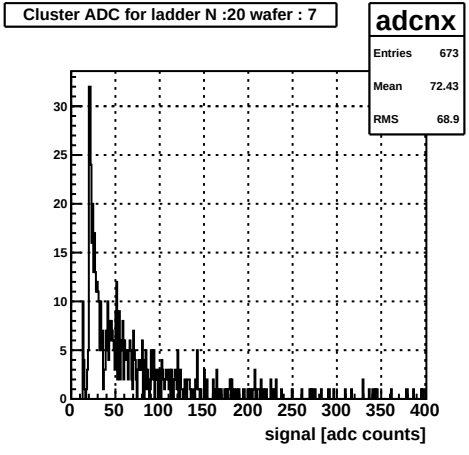

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 8195
Mean 27.24
RMS 31.66
signal [adc counts]

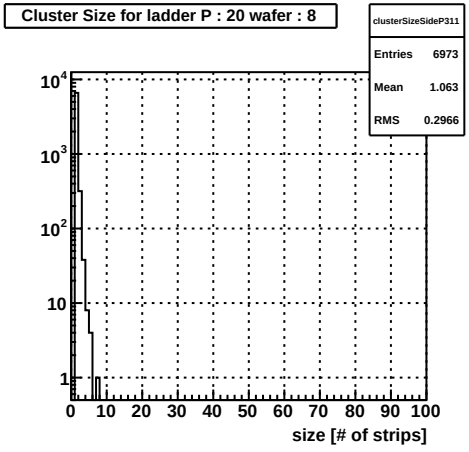

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 938
Mean 1.045
RMS 0.2265
size [# of strips]

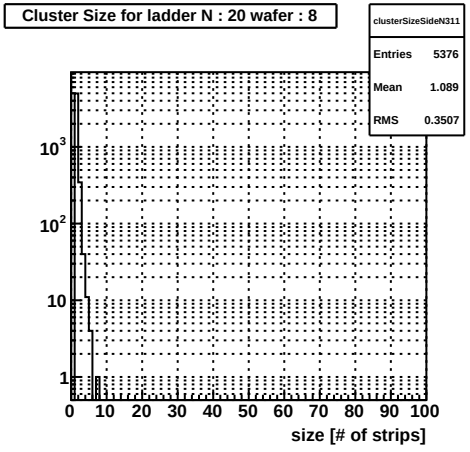

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 673
Mean 1.416
RMS 0.81
size [# of strips]

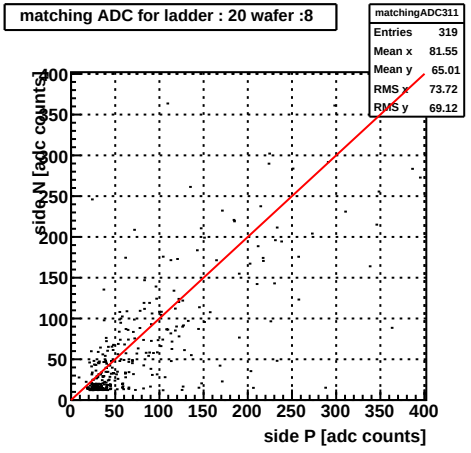

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 21
Mean x 62.65
Mean y 71.24
RMS x 39.15
RMS y 51.62
side N [adc counts]
side P [adc counts]

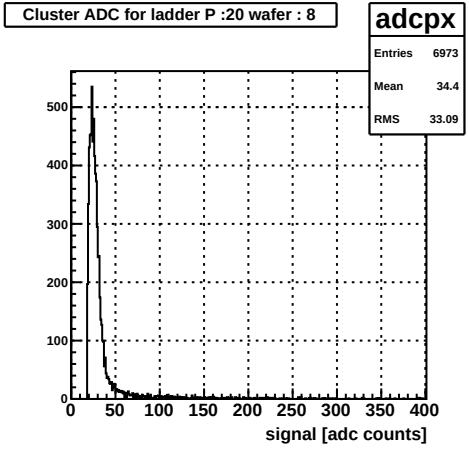

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 938
Mean 34.03
RMS 20.51
signal [adc counts]

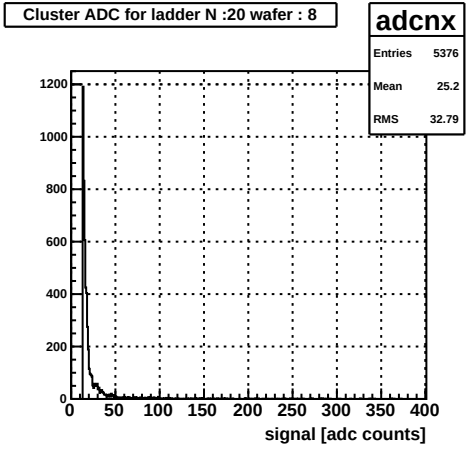

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 673
Mean 72.43
RMS 68.9
signal [adc counts]

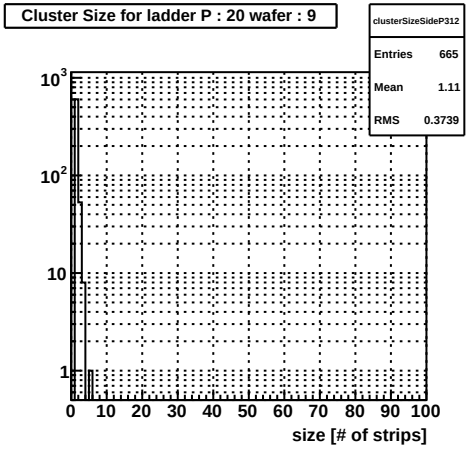

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6973
Mean 1.063
RMS 0.2966
size [# of strips]

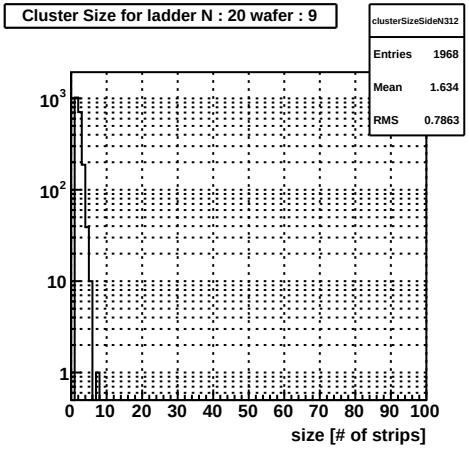

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 5376
Mean 1.089
RMS 0.3507
size [# of strips]

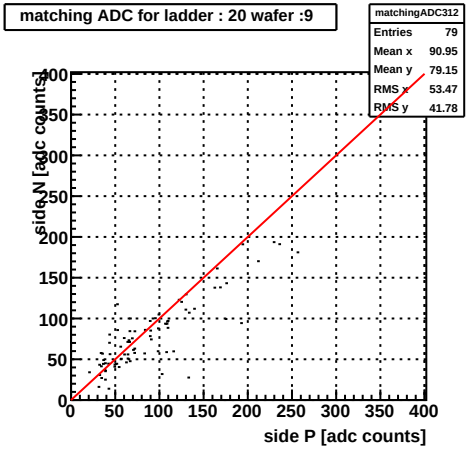

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 319
Mean x 81.55
Mean y 65.01
RMS x 73.72
RMS y 69.12
side N [adc counts]
side P [adc counts]

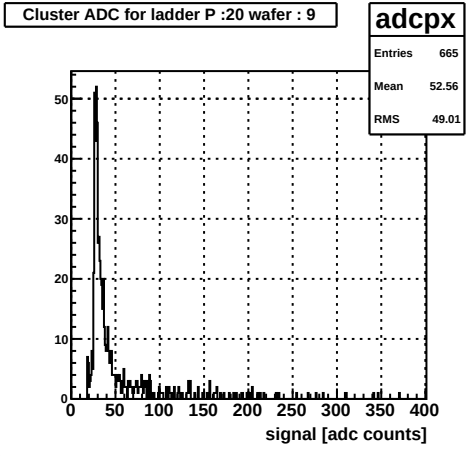

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6973
Mean 34.4
RMS 33.09
signal [adc counts]

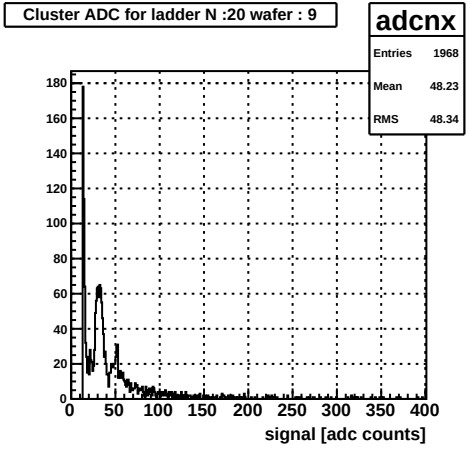

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 5376
Mean 25.2
RMS 32.79
signal [adc counts]

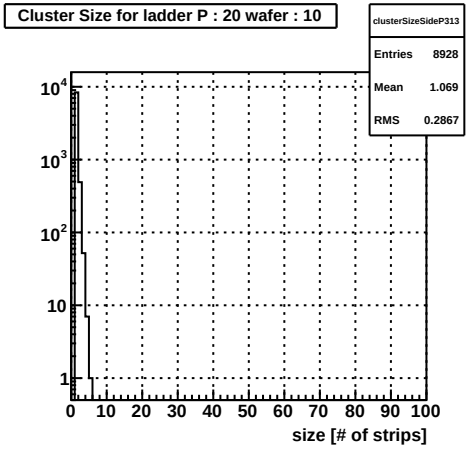

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 665
Mean 1.11
RMS 0.3739
size [# of strips]

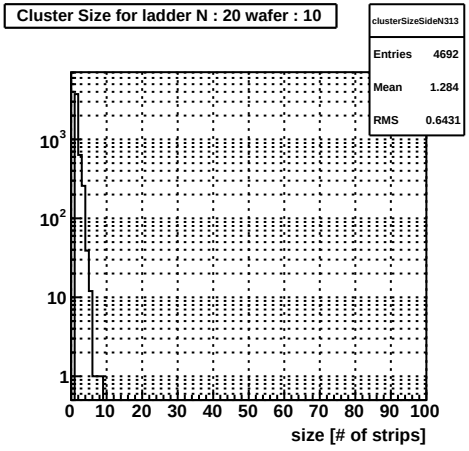

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1968
Mean 1.634
RMS 0.7863
size [# of strips]

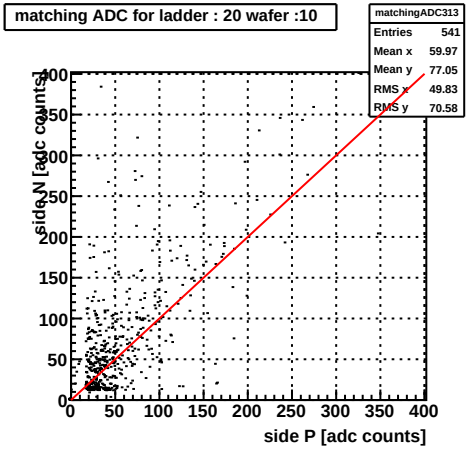

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 79
Mean x 90.95
Mean y 79.15
RMS x 53.47
RMS y 41.78
side N [adc counts]
side P [adc counts]

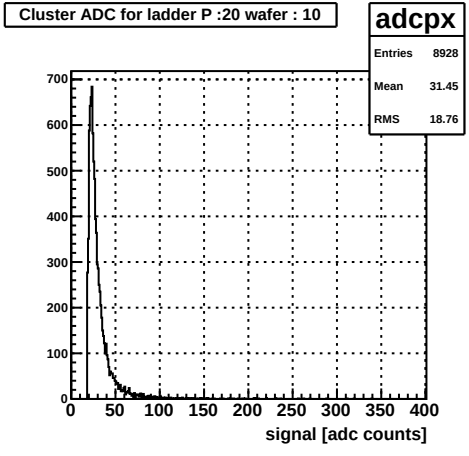

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 665
Mean 52.56
RMS 49.01
signal [adc counts]

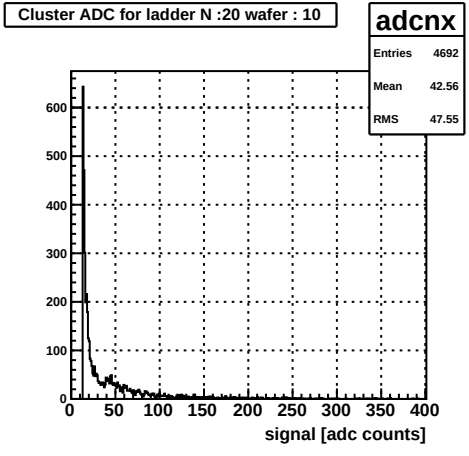

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1968
Mean 48.23
RMS 48.34
signal [adc counts]

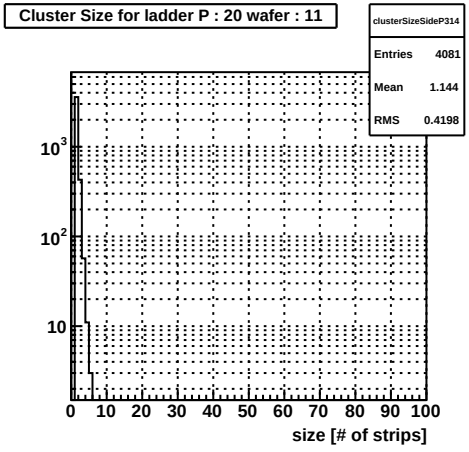

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 8928
Mean 1.069
RMS 0.2867
size [# of strips]

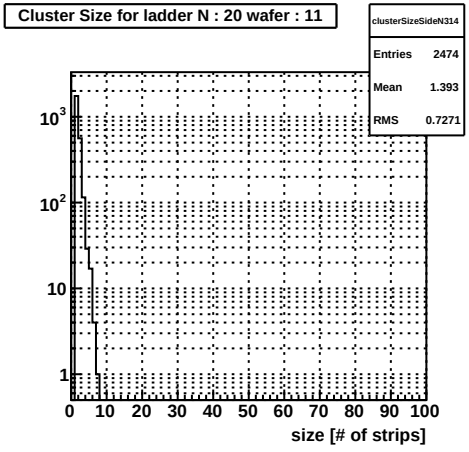

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 4692
Mean 1.284
RMS 0.6431
size [# of strips]

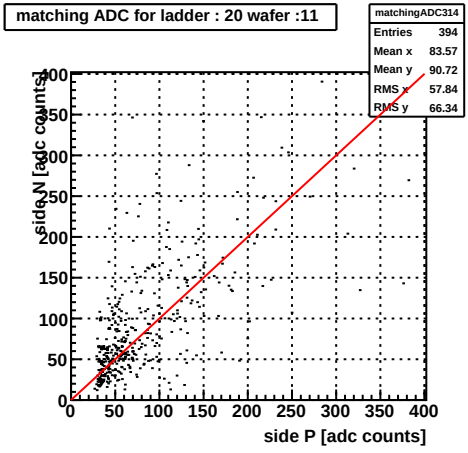

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 541
Mean x 59.97
Mean y 77.05
RMS x 49.83
RMS y 70.58
side N [adc counts]
side P [adc counts]

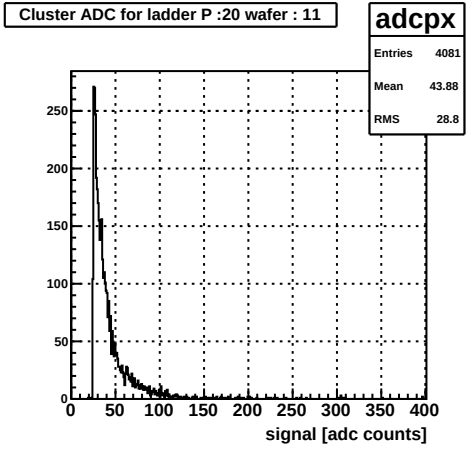

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 8928
Mean 31.45
RMS 18.76
signal [adc counts]

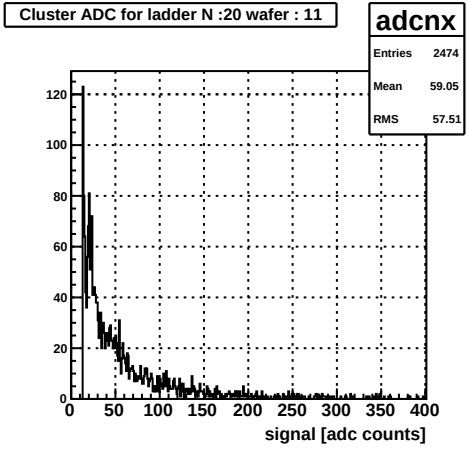

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 4692
Mean 42.56
RMS 47.55
signal [adc counts]

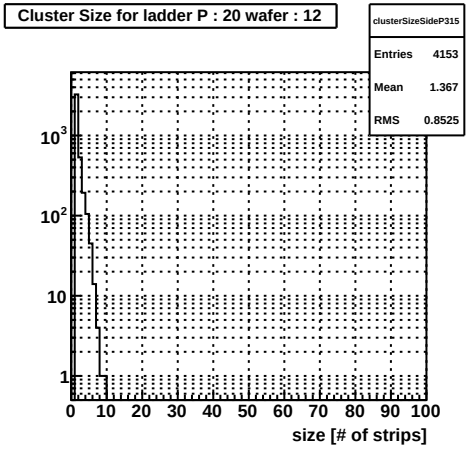

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4081
Mean 1.144
RMS 0.4198
size [# of strips]

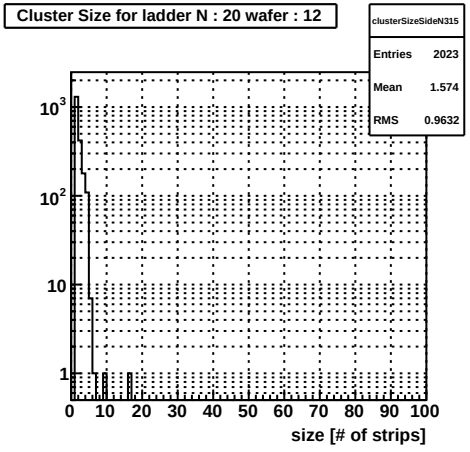

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2474
Mean 1.393
RMS 0.7271
size [# of strips]

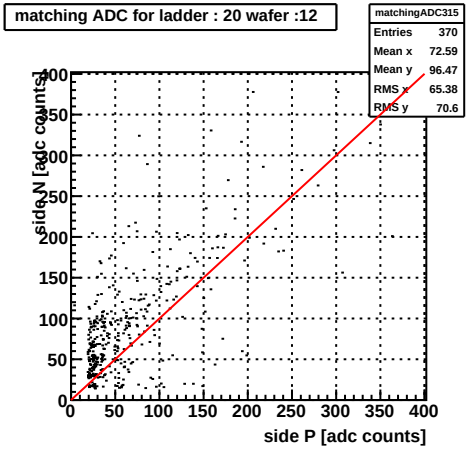

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 394
Mean x 83.57
Mean y 90.72
RMS x 57.84
RMS y 66.34
side N [adc counts]
side P [adc counts]

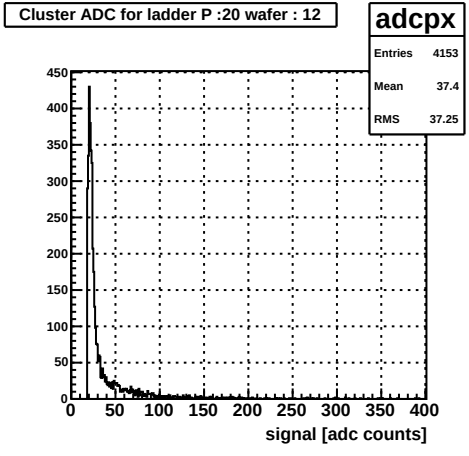

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4081
Mean 43.88
RMS 28.8
signal [adc counts]

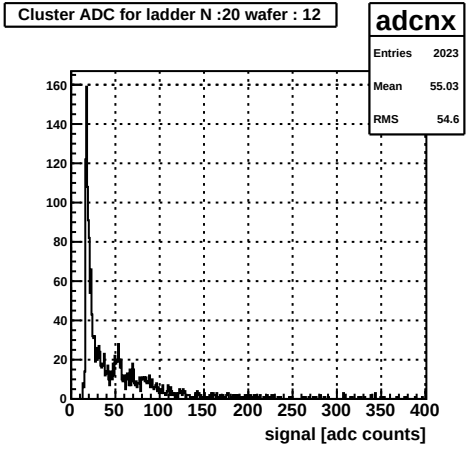

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2474
Mean 59.05
RMS 57.51
signal [adc counts]

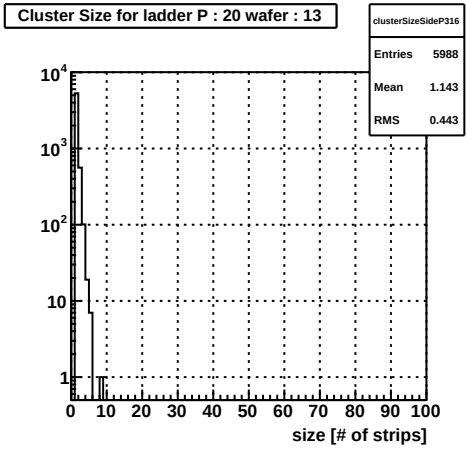

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4153
Mean 1.367
RMS 0.8525
size [# of strips]

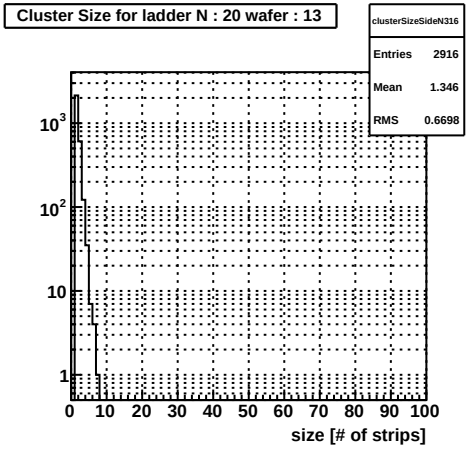

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2023
Mean 1.574
RMS 0.9632
size [# of strips]

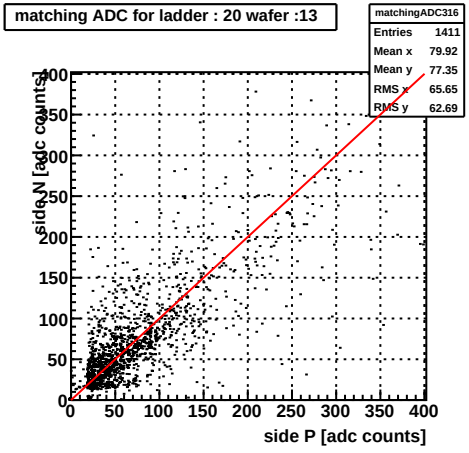

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 370
Mean x 72.59
Mean y 96.47
RMS x 65.38
RMS y 70.6
side N [adc counts]
side P [adc counts]

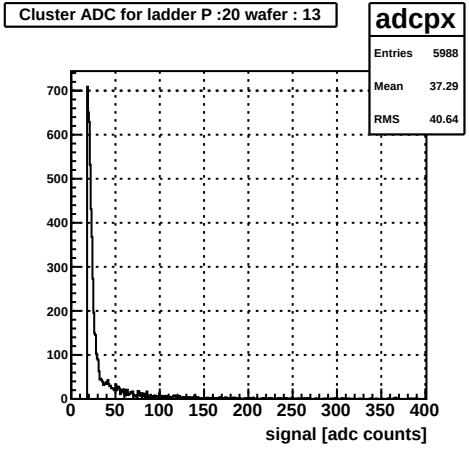

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4153
Mean 37.4
RMS 37.25
signal [adc counts]

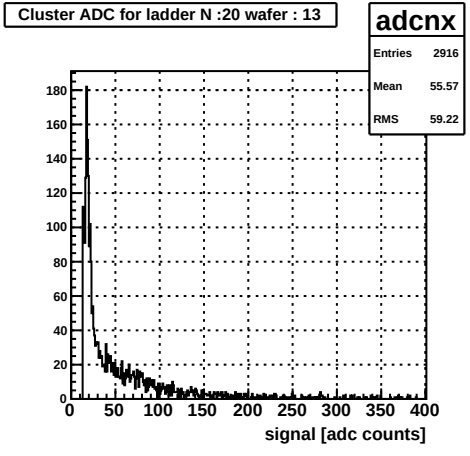

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2023
Mean 55.03
RMS 54.6
signal [adc counts]

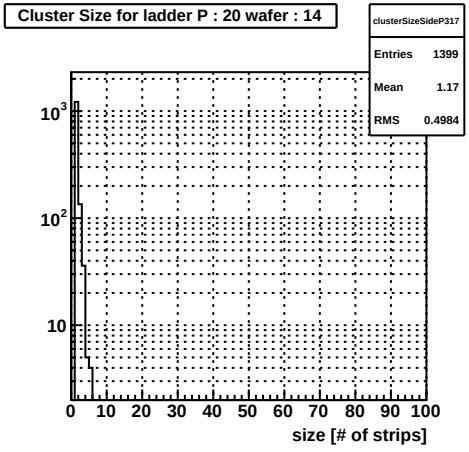

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5988
Mean 1.143
RMS 0.443
size [# of strips]

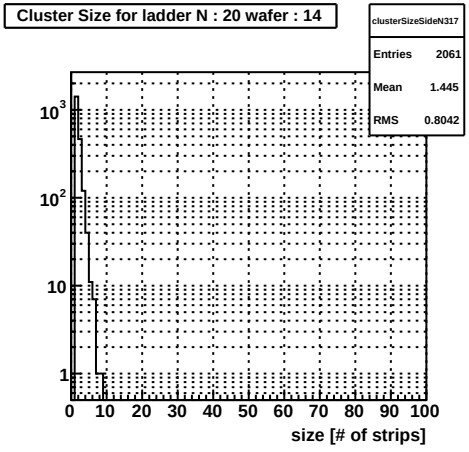

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2916
Mean 1.346
RMS 0.6698
size [# of strips]

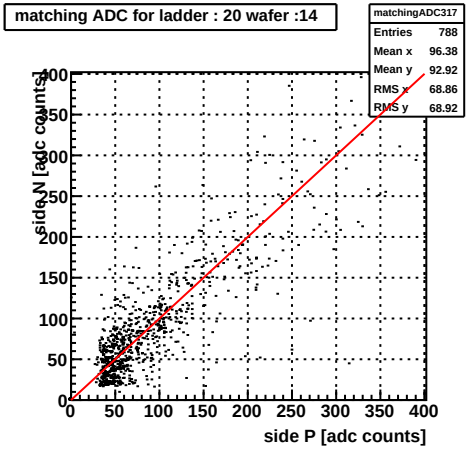

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1411
Mean x 79.92
Mean y 77.35
RMS x 65.65
RMS y 62.69
side N [adc counts]
side P [adc counts]

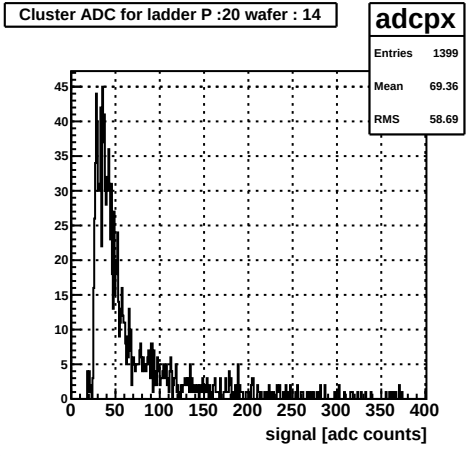

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5988
Mean 37.29
RMS 40.64
signal [adc counts]

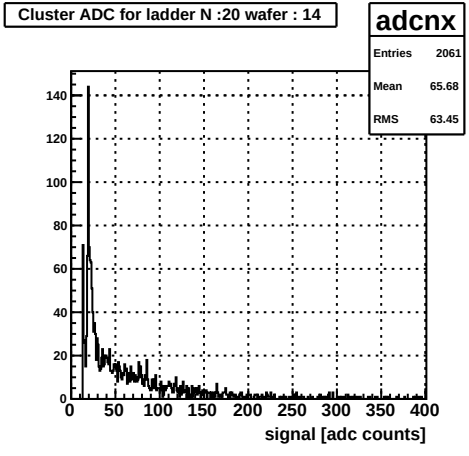

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2916
Mean 55.57
RMS 59.22
signal [adc counts]

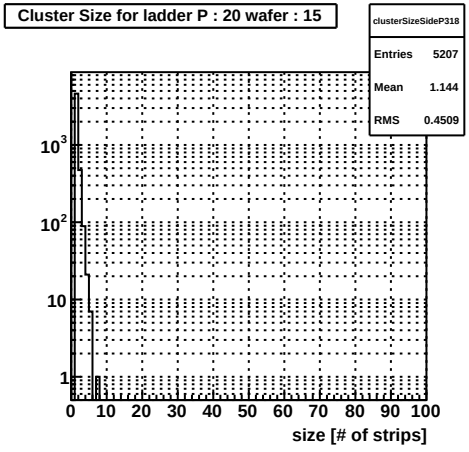

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1399
Mean 1.17
RMS 0.4984
size [# of strips]

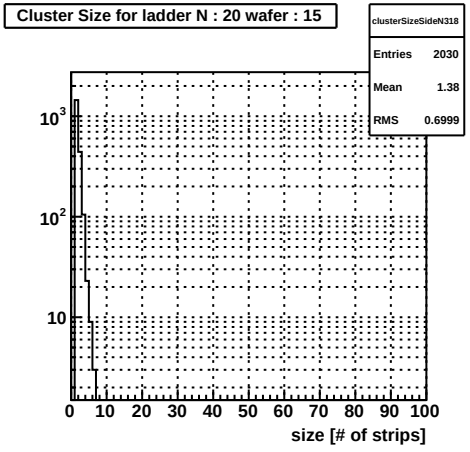

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2061
Mean 1.445
RMS 0.8042
size [# of strips]

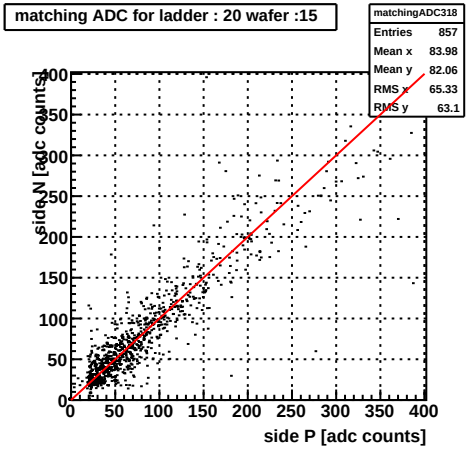

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 788
Mean x 96.38
Mean y 92.92
RMS x 68.86
RMS y 68.92
side N [adc counts]
side P [adc counts]

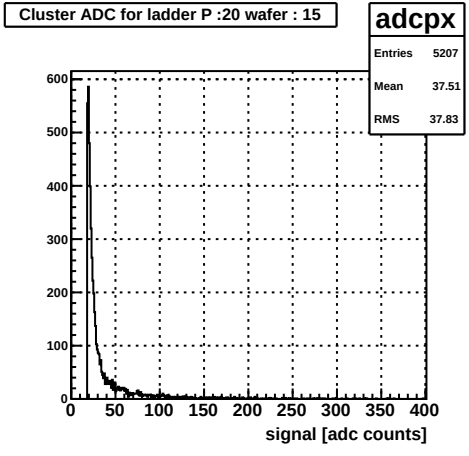

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1399
Mean 69.36
RMS 58.69
signal [adc counts]

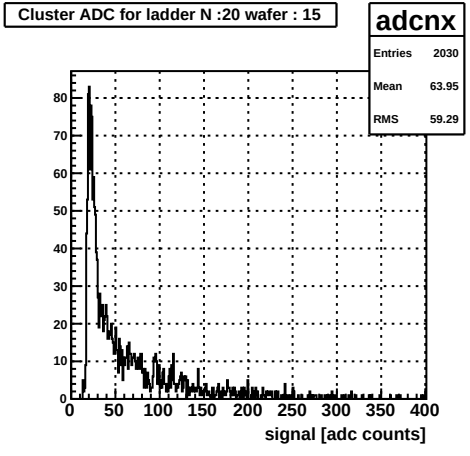

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2061
Mean 65.68
RMS 63.45
signal [adc counts]

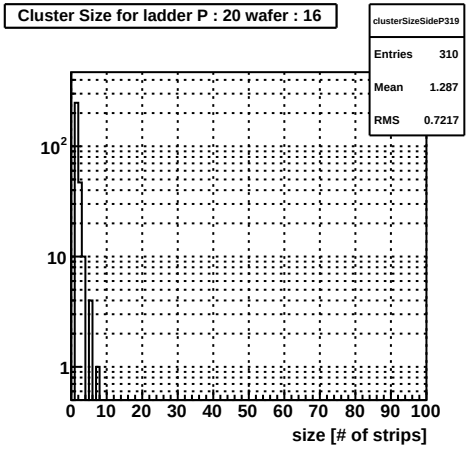

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 5207
Mean 1.144
RMS 0.4509
size [# of strips]

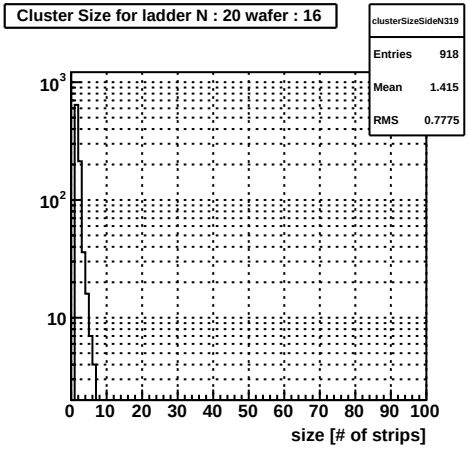

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2030
Mean 1.38
RMS 0.6999
size [# of strips]

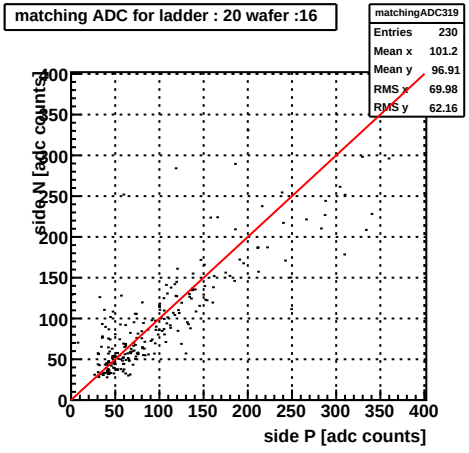

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 857
Mean x 83.98
Mean y 82.06
RMS x 65.33
RMS y 63.1
side N [adc counts]
side P [adc counts]

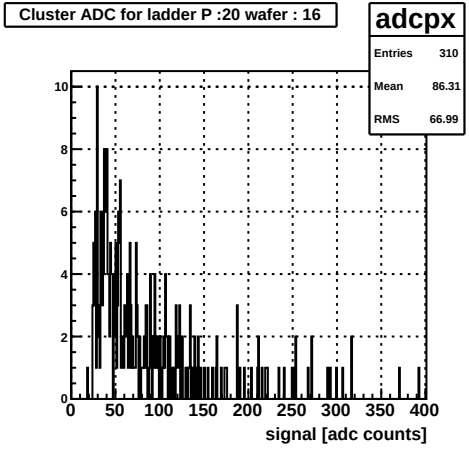

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 5207
Mean 37.51
RMS 37.83
signal [adc counts]

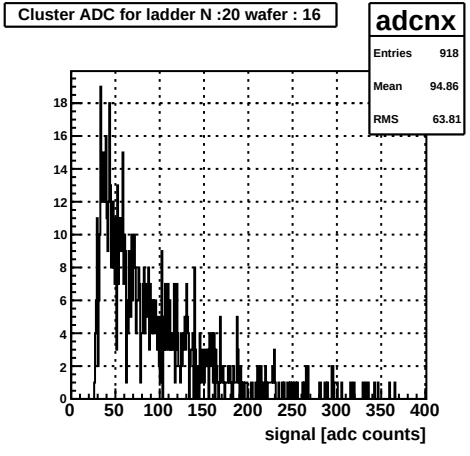

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2030
Mean 63.95
RMS 59.29
signal [adc counts]

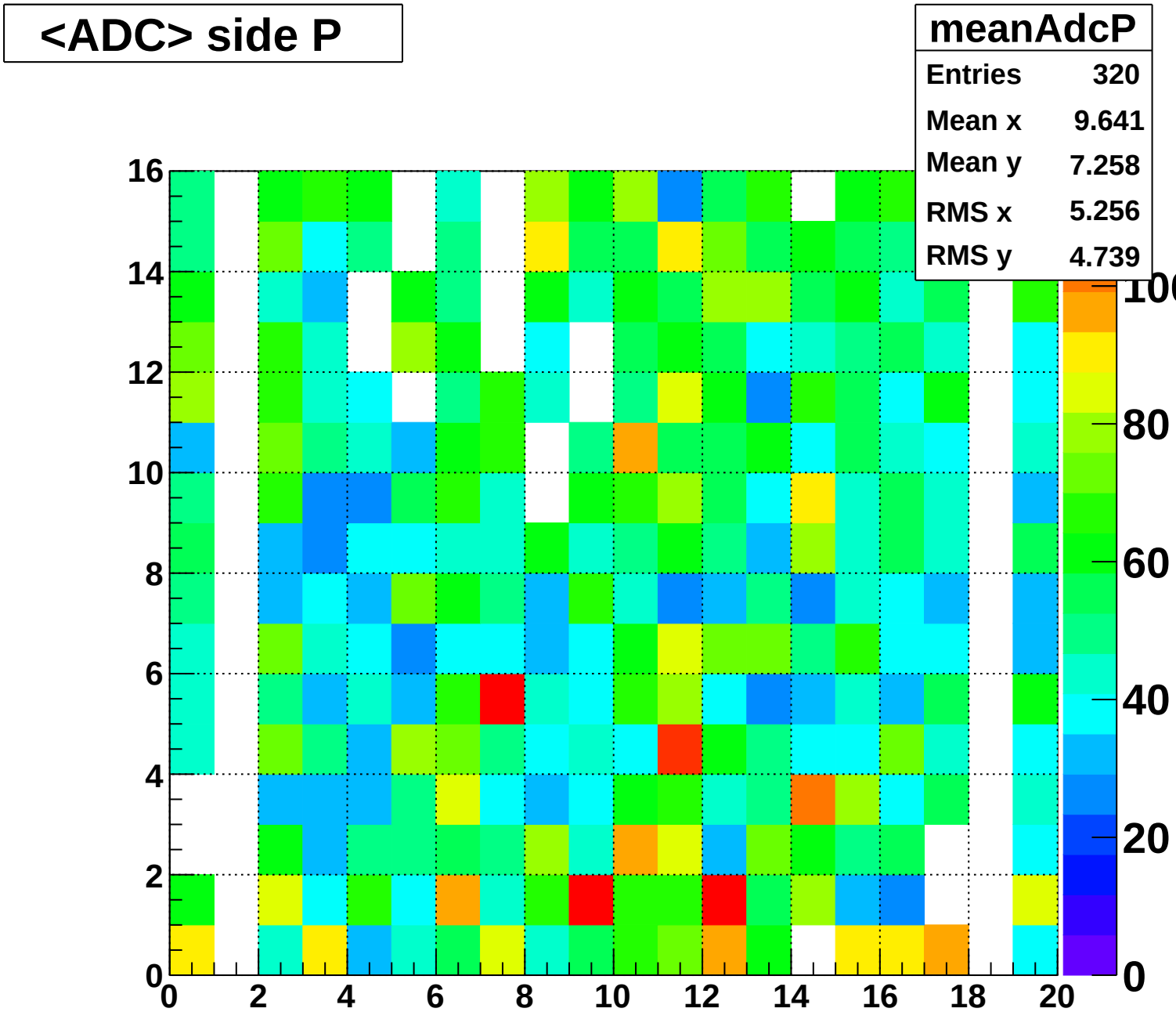

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 310
Mean 1.287
RMS 0.7217
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 918
Mean 1.415
RMS 0.7775
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 230
Mean x 101.2
Mean y 96.91
RMS x 69.98
RMS y 62.16
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 310
Mean 86.31
RMS 66.99
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 918
Mean 94.86
RMS 63.81
signal [adc counts]



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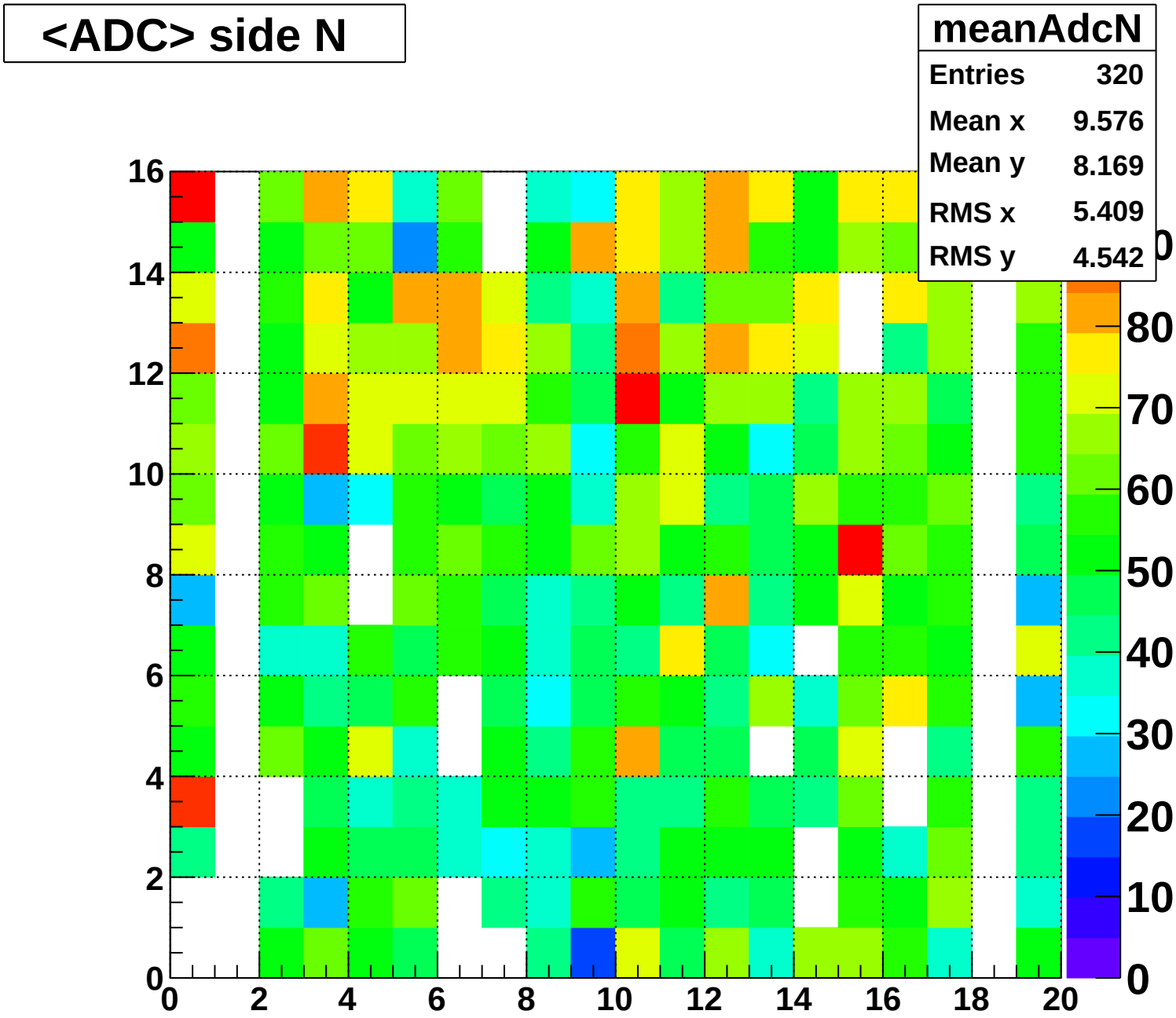

2016-05-19 01:07:08