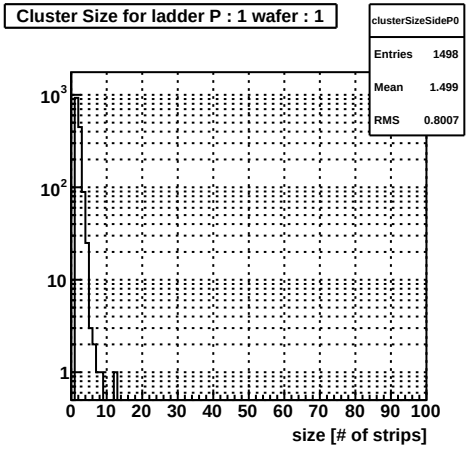
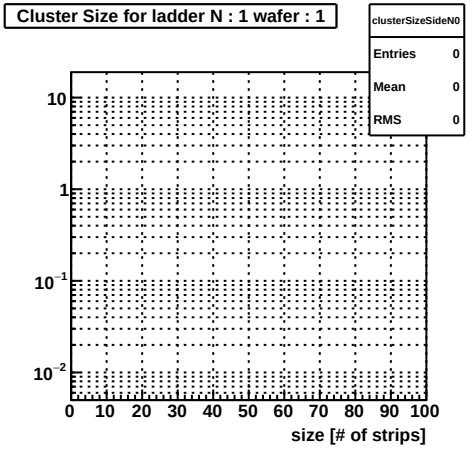
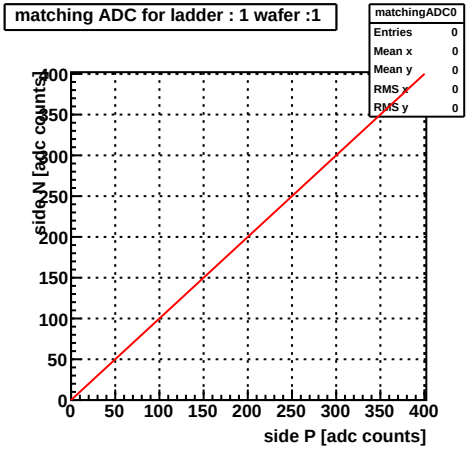
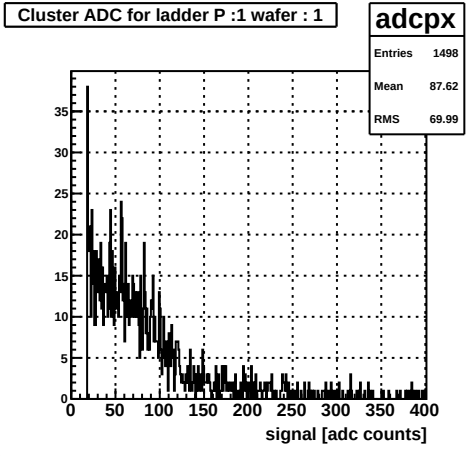
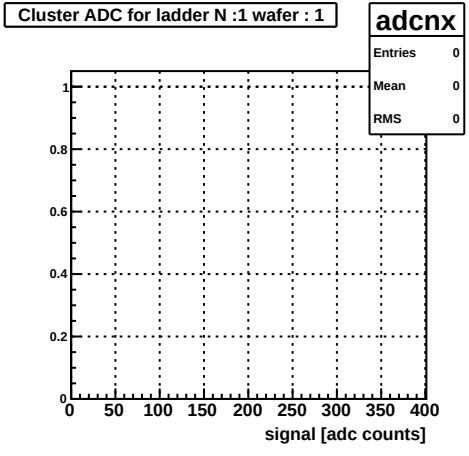
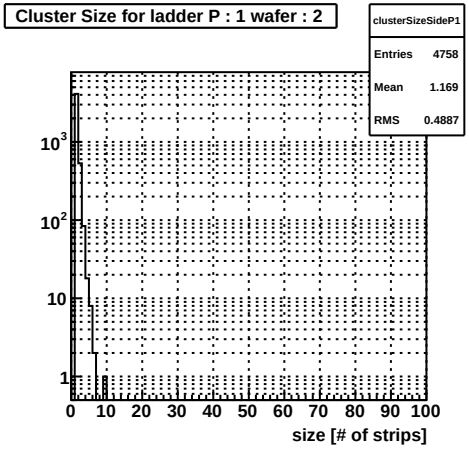

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1498
Mean 1.499
RMS 0.8007
size [# of strips]

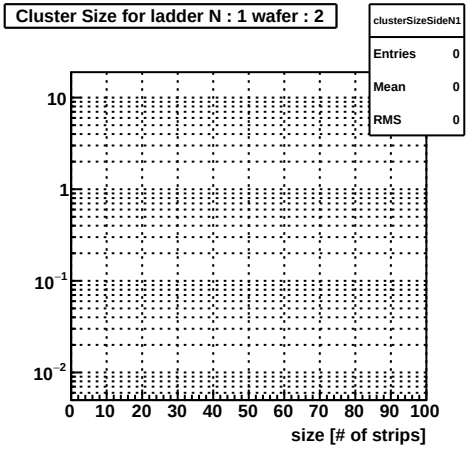

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

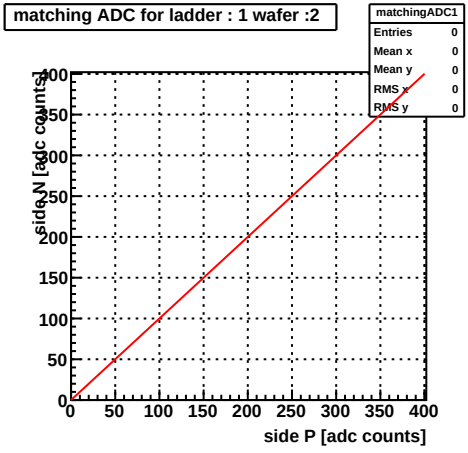

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

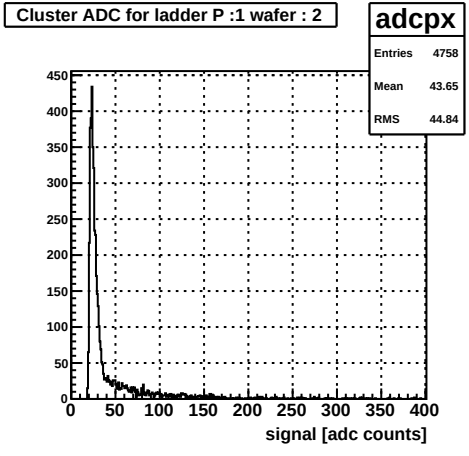

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1498
Mean 87.62
RMS 69.99
signal [adc counts]

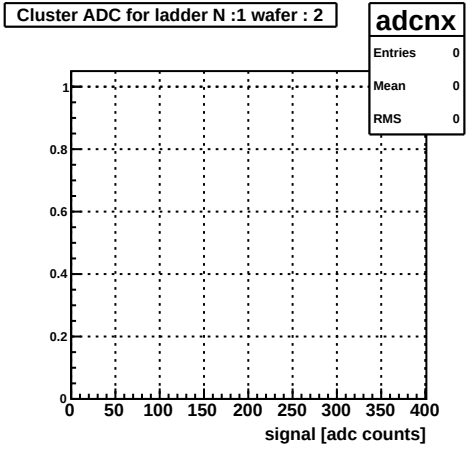

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

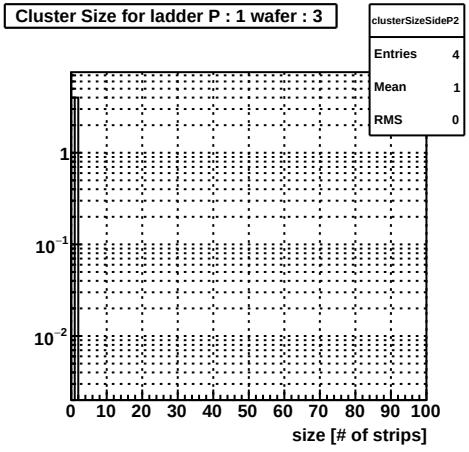

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4758
Mean 1.169
RMS 0.4887
size [# of strips]

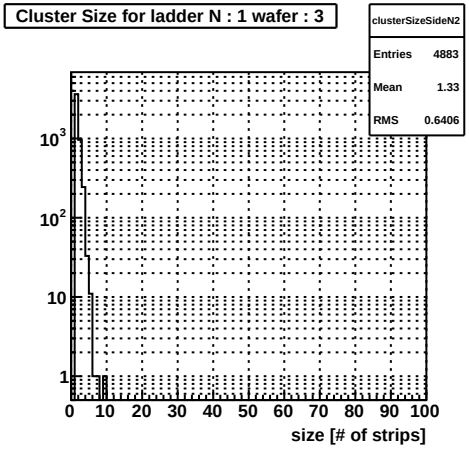

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

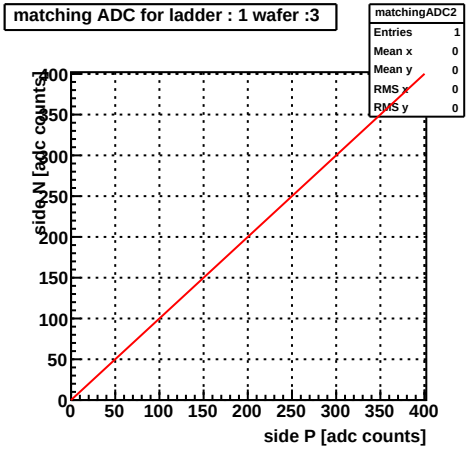

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

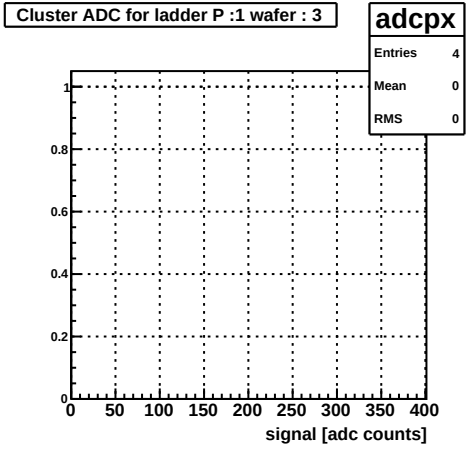

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4758
Mean 43.65
RMS 44.84
signal [adc counts]

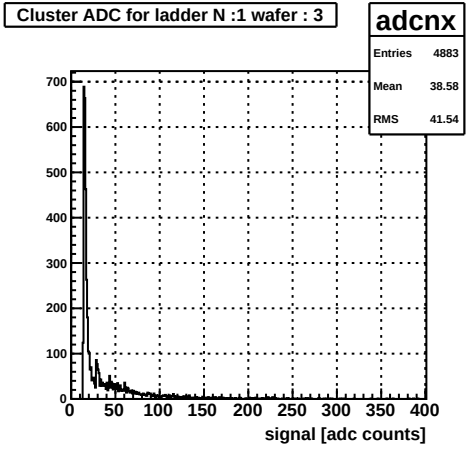

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

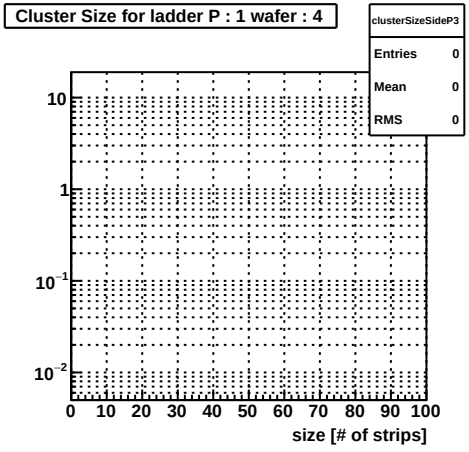

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 4
Mean 1
RMS 0
size [# of strips]

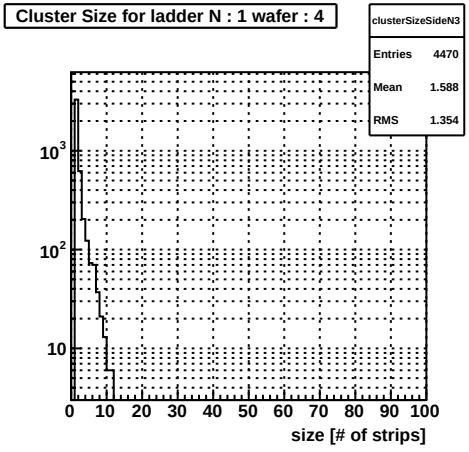

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4883
Mean 1.33
RMS 0.6406
size [# of strips]

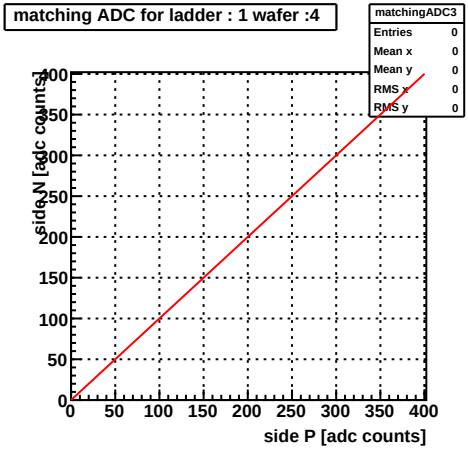

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

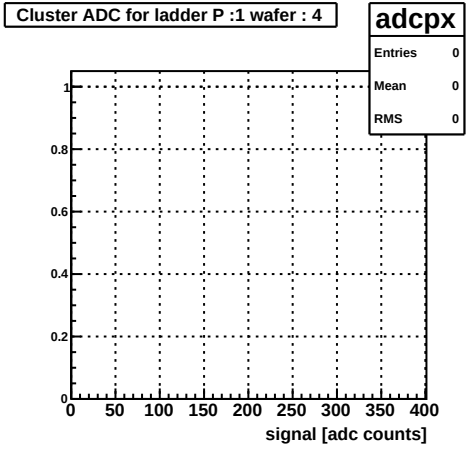

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

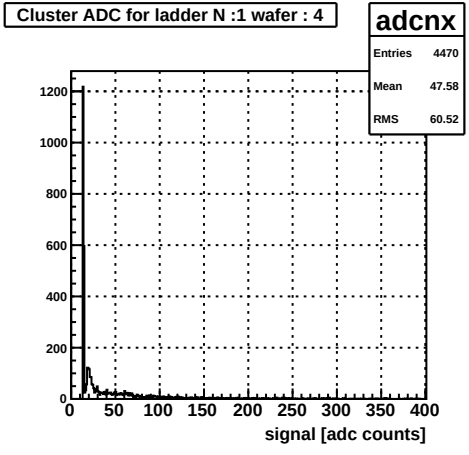

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4883
Mean 38.58
RMS 41.54
signal [adc counts]

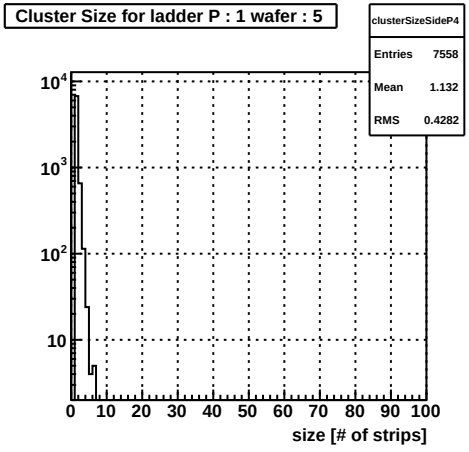

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

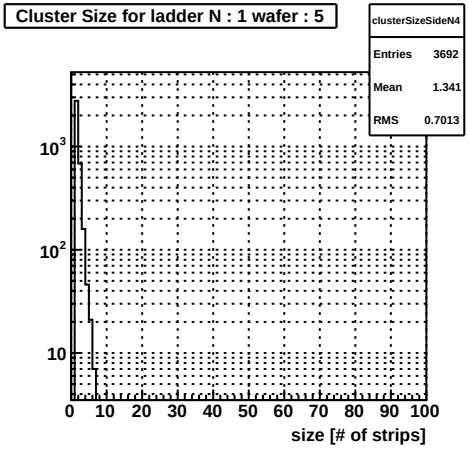

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4470
Mean 1.588
RMS 1.354
size [# of strips]

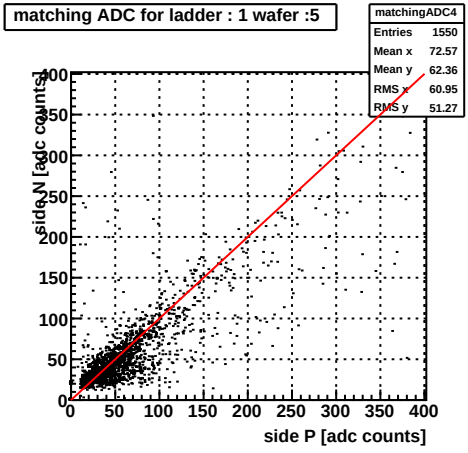

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

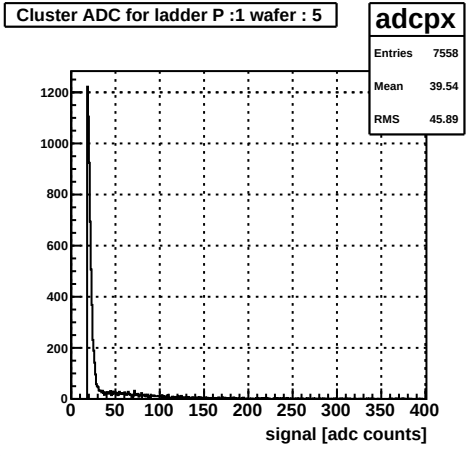

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

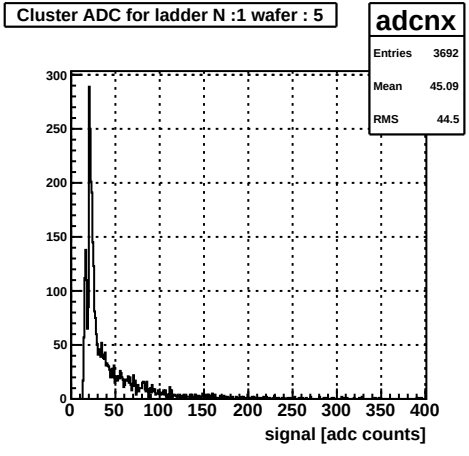

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4470
Mean 47.58
RMS 60.52
signal [adc counts]

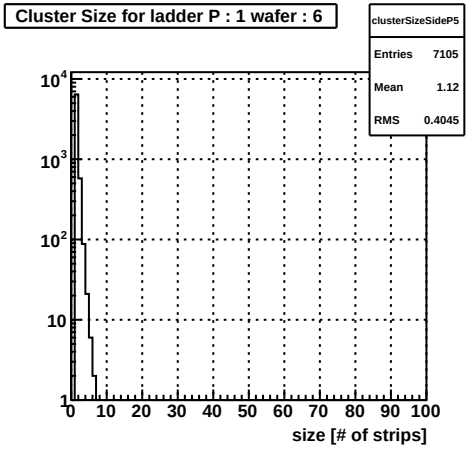

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7558
Mean 1.132
RMS 0.4282
size [# of strips]

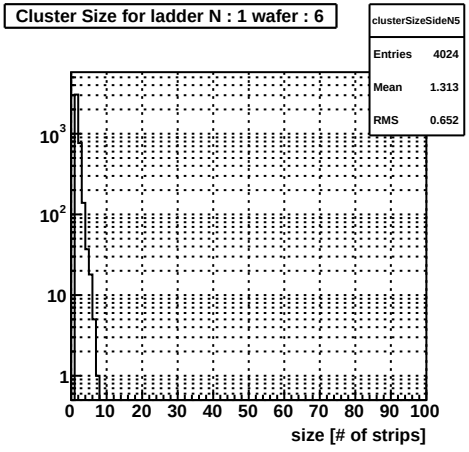

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3692
Mean 1.341
RMS 0.7013
size [# of strips]

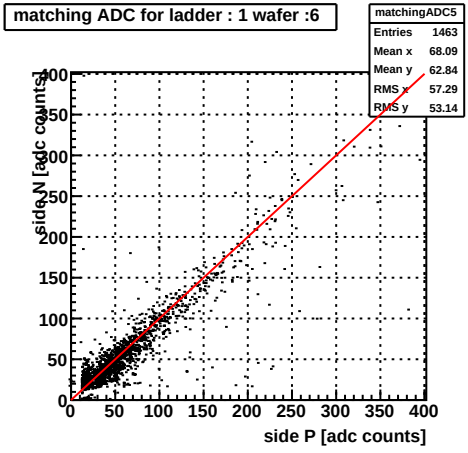

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1550
Mean x 72.57
Mean y 62.36
RMS x 60.95
RMS y 51.27
side N [adc counts]
side P [adc counts]

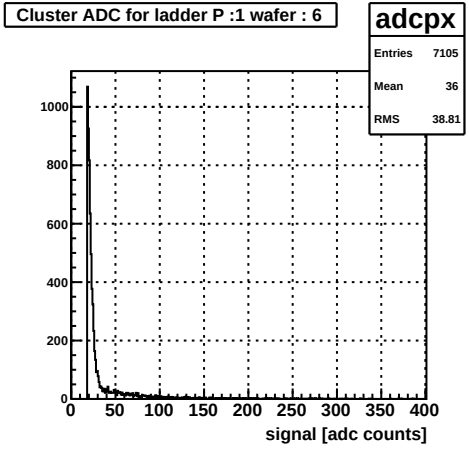

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7558
Mean 39.54
RMS 45.89
signal [adc counts]

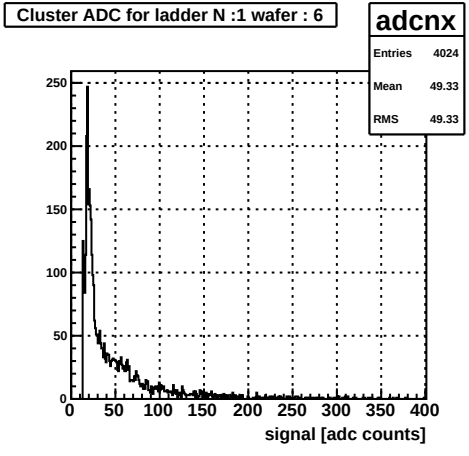

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3692
Mean 45.09
RMS 44.5
signal [adc counts]

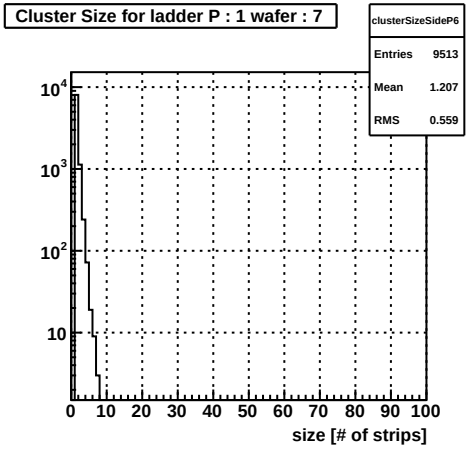

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7105
Mean 1.12
RMS 0.4045
size [# of strips]

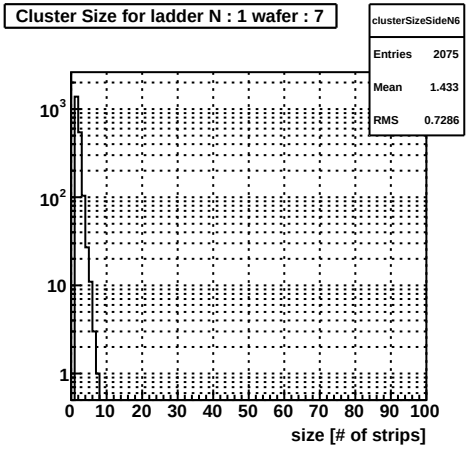

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4024
Mean 1.313
RMS 0.652
size [# of strips]

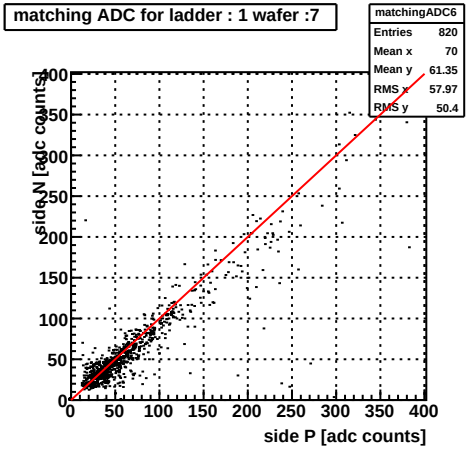

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1463
Mean x 68.09
Mean y 62.84
RMS x 57.29
RMS y 53.14
side N [adc counts]
side P [adc counts]

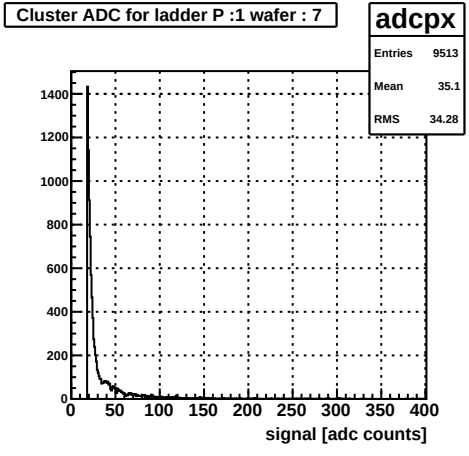

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7105
Mean 36
RMS 38.81
signal [adc counts]

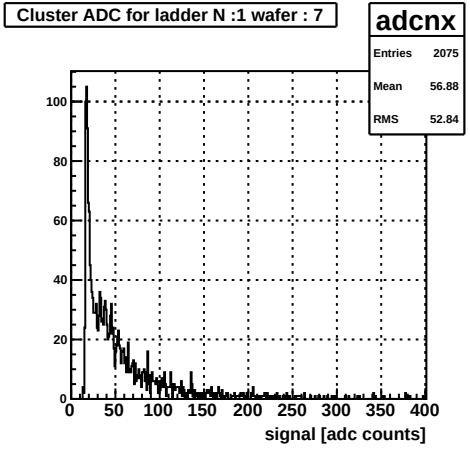

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4024
Mean 49.33
RMS 49.33
signal [adc counts]

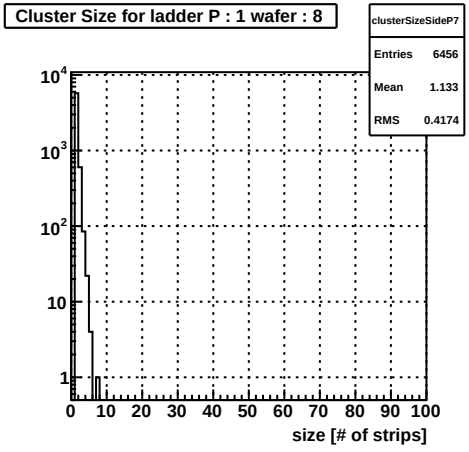

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9513
Mean 1.207
RMS 0.559
size [# of strips]

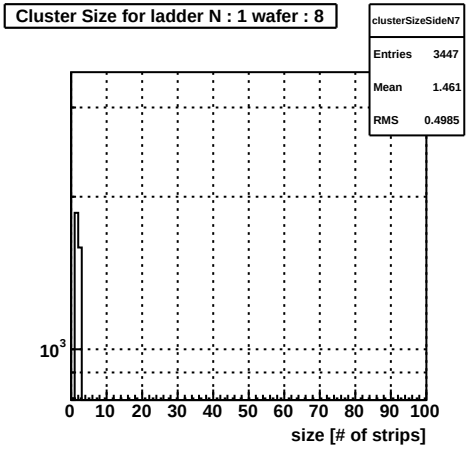

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2075
Mean 1.433
RMS 0.7286
size [# of strips]

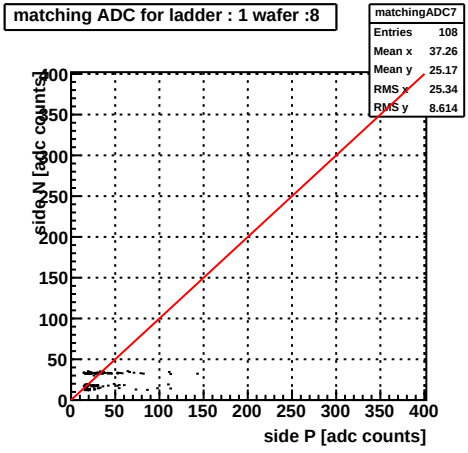

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 820
Mean x 70
Mean y 61.35
RMS x 57.97
RMS y 50.4
side N [adc counts]
side P [adc counts]

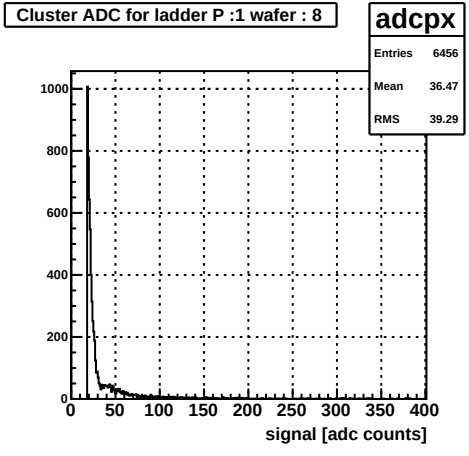

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9513
Mean 35.1
RMS 34.28
signal [adc counts]

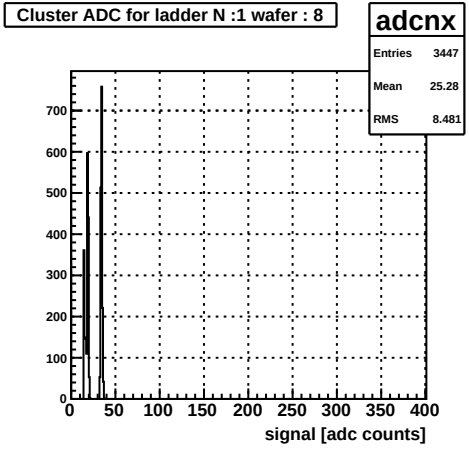

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2075
Mean 56.88
RMS 52.84
signal [adc counts]

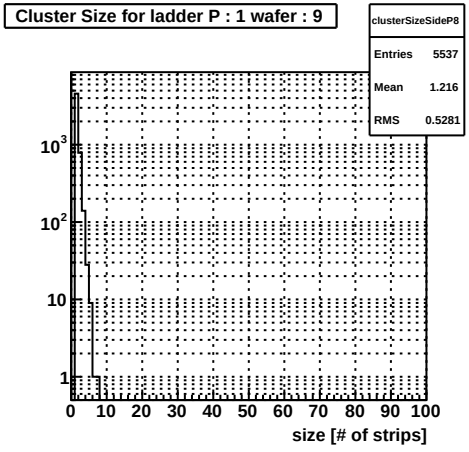

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6456
Mean 1.133
RMS 0.4174
size [# of strips]

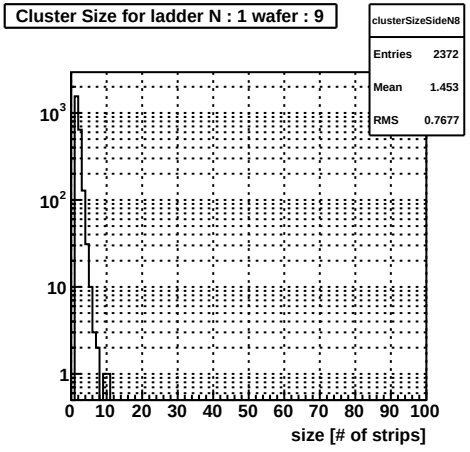

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3447
Mean 1.461
RMS 0.4985
size [# of strips]

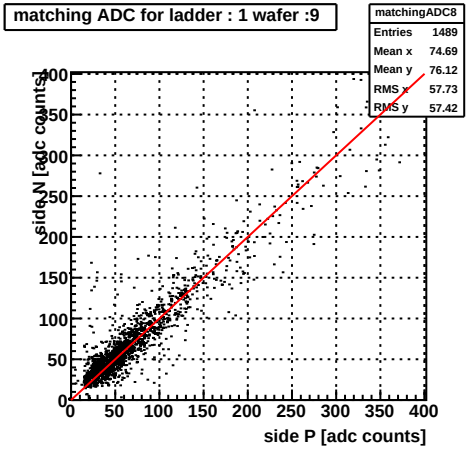

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 108
Mean x 37.26
Mean y 25.17
RMS x 25.34
RMS y 8.614
side N [adc counts]
side P [adc counts]

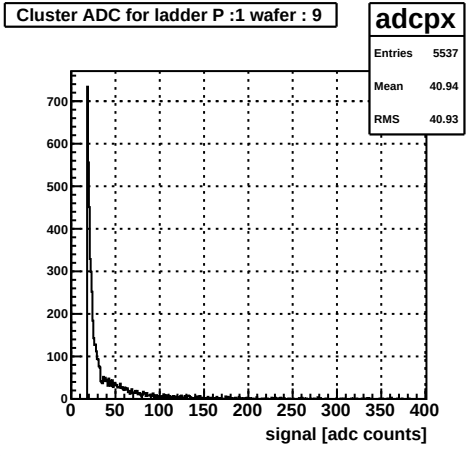

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6456
Mean 36.47
RMS 39.29
signal [adc counts]

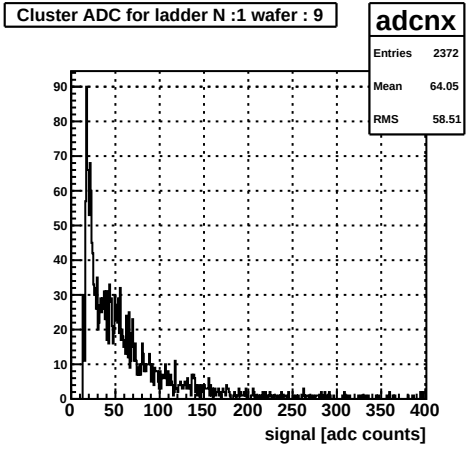

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3447
Mean 25.28
RMS 8.481
signal [adc counts]

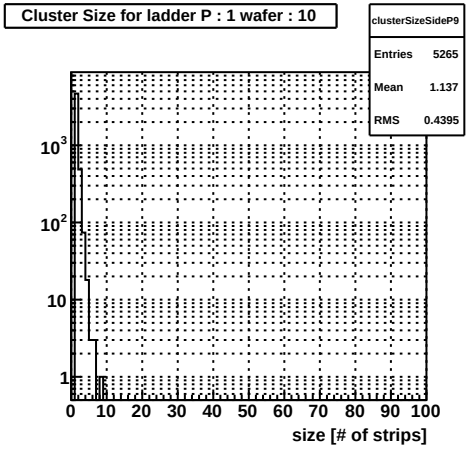

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5537
Mean 1.216
RMS 0.5281
size [# of strips]

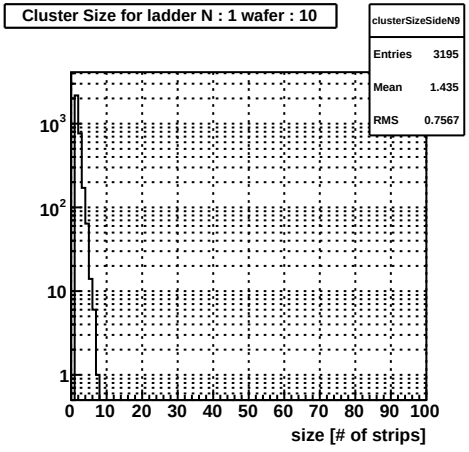

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2372
Mean 1.453
RMS 0.7677
size [# of strips]

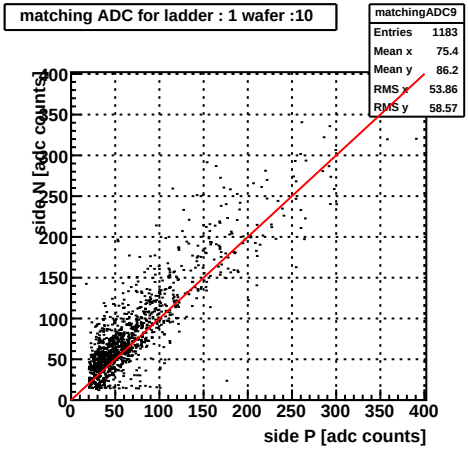

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1489
Mean x 74.69
Mean y 76.12
RMS x 57.73
RMS y 57.42
side N [adc counts]
side P [adc counts]

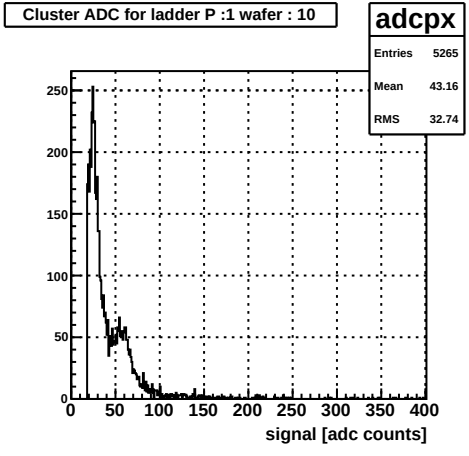

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5537
Mean 40.94
RMS 40.93
signal [adc counts]

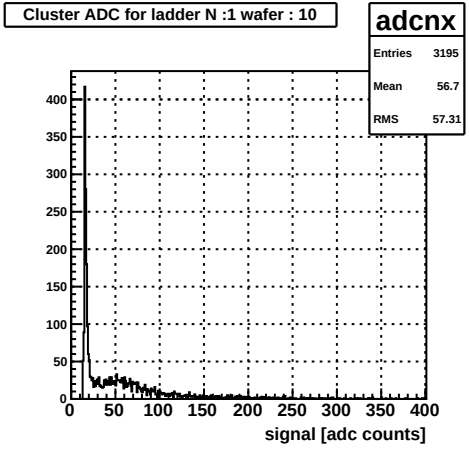

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2372
Mean 64.05
RMS 58.51
signal [adc counts]

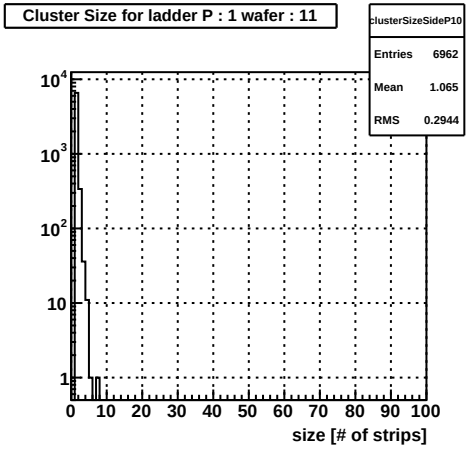

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5265
Mean 1.137
RMS 0.4395
size [# of strips]

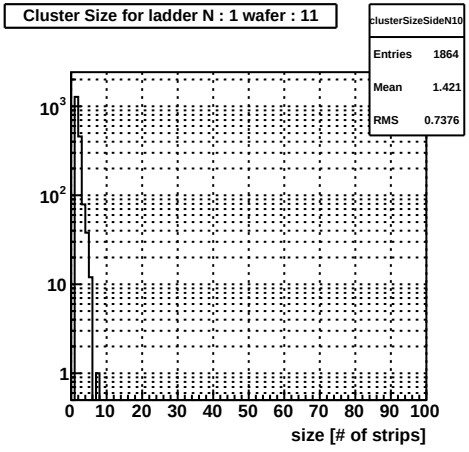

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3195
Mean 1.435
RMS 0.7567
size [# of strips]

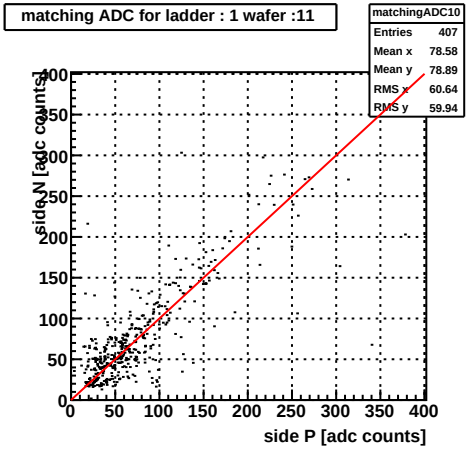

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1183
Mean x 75.4
Mean y 86.2
RMS x 53.86
RMS y 58.57
side N [adc counts]
side P [adc counts]

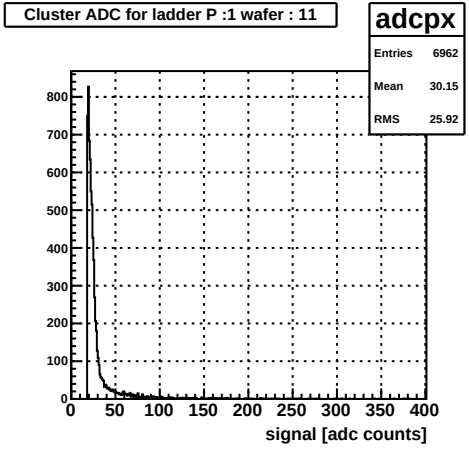

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5265
Mean 43.16
RMS 32.74
signal [adc counts]

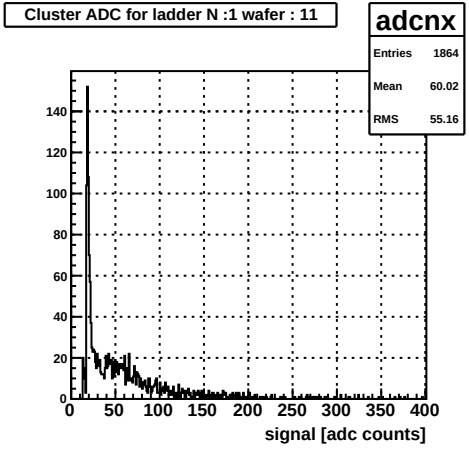

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3195
Mean 56.7
RMS 57.31
signal [adc counts]

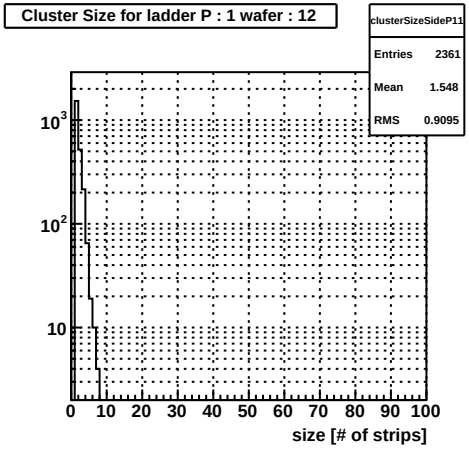

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6962
Mean 1.065
RMS 0.2944
size [# of strips]

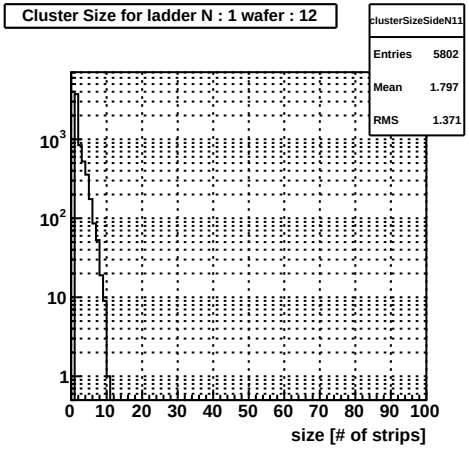

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1864
Mean 1.421
RMS 0.7376
size [# of strips]

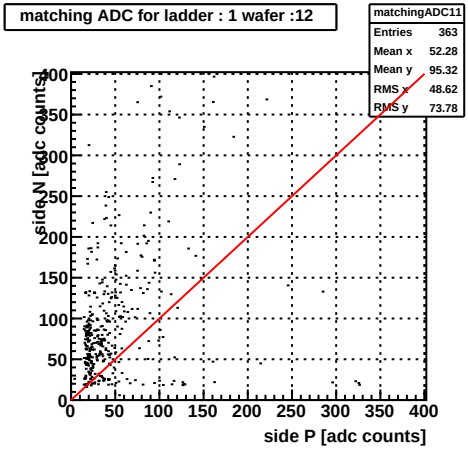

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 407
Mean x 78.58
Mean y 78.89
RMS x 60.64
RMS y 59.94
side N [adc counts]
side P [adc counts]

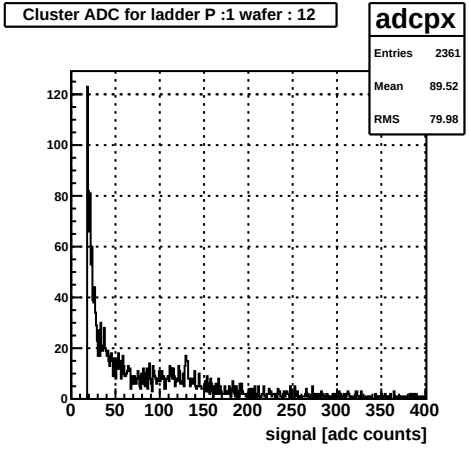

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6962
Mean 30.15
RMS 25.92
signal [adc counts]

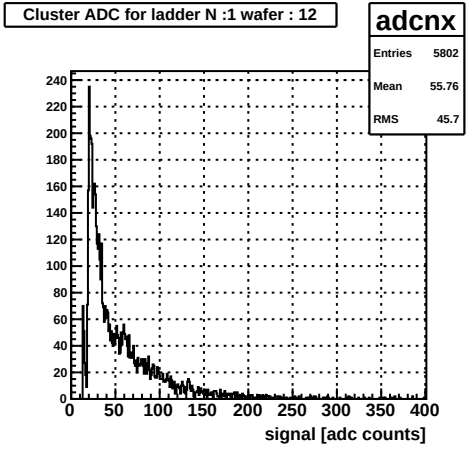

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1864
Mean 60.02
RMS 55.16
signal [adc counts]

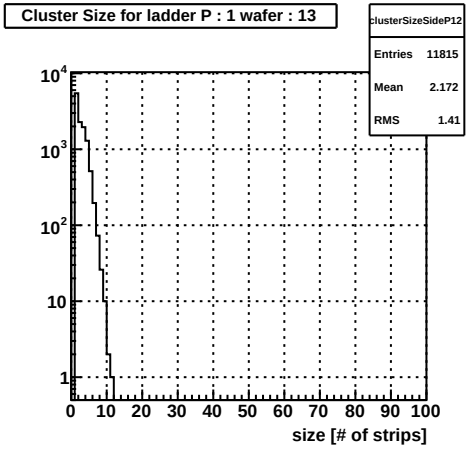

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2361
Mean 1.548
RMS 0.9095
size [# of strips]

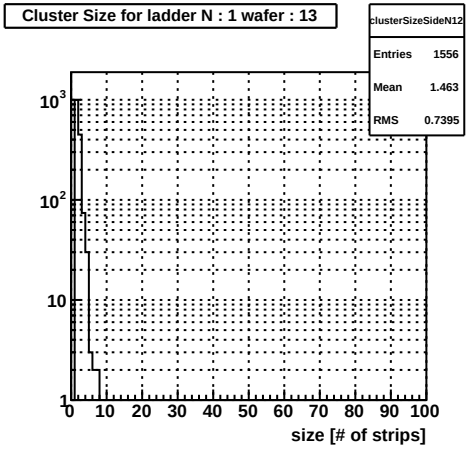

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 5802
Mean 1.797
RMS 1.371
size [# of strips]

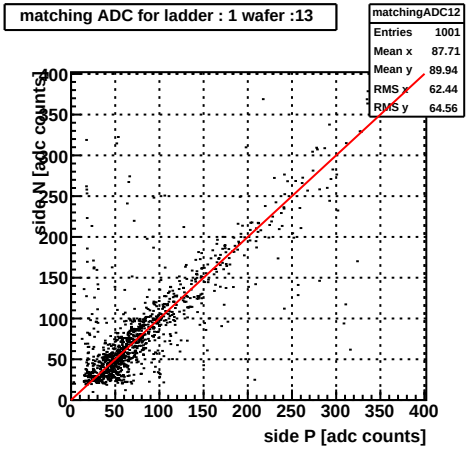

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 363
Mean x 52.28
Mean y 95.32
RMS x 48.62
RMS y 73.78
side N [adc counts]
side P [adc counts]

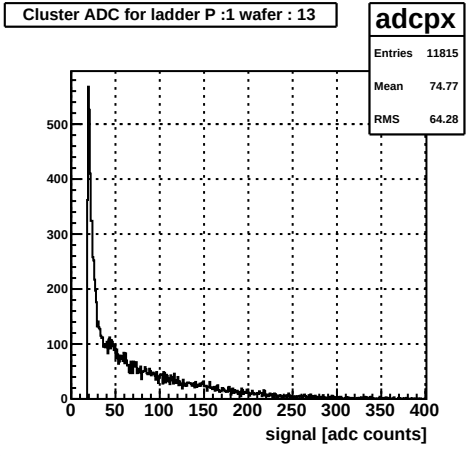

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2361
Mean 89.52
RMS 79.98
signal [adc counts]

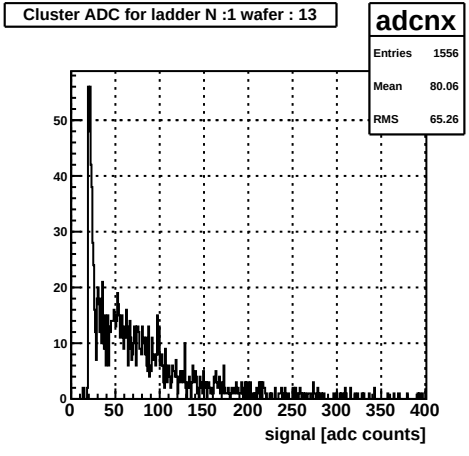

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 5802
Mean 55.76
RMS 45.7
signal [adc counts]

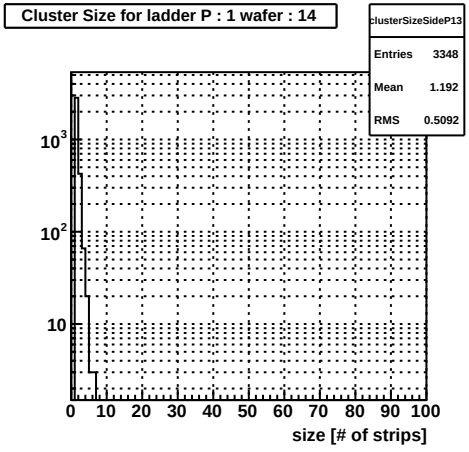

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11815
Mean 2.172
RMS 1.41
size [# of strips]

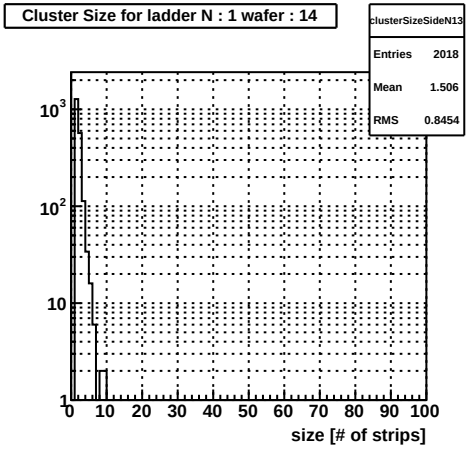

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1556
Mean 1.463
RMS 0.7395
size [# of strips]

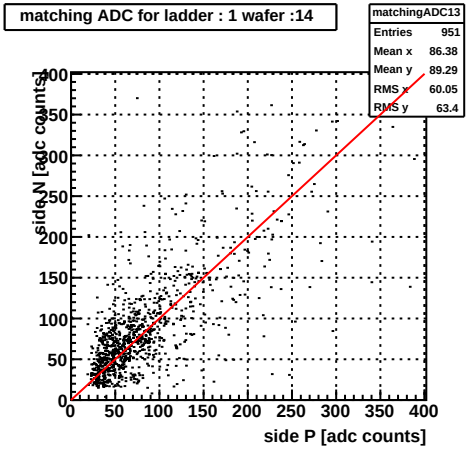

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1001
Mean x 87.71
Mean y 89.94
RMS x 62.44
RMS y 64.56
side N [adc counts]
side P [adc counts]

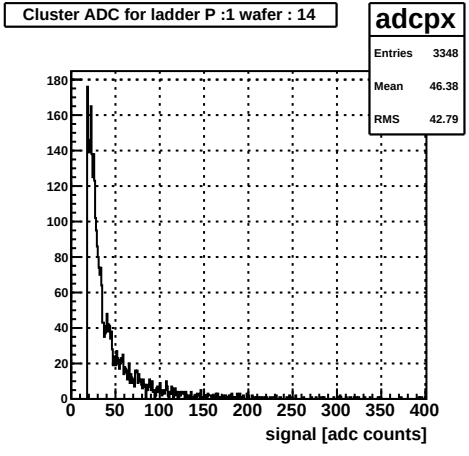

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11815
Mean 74.77
RMS 64.28
signal [adc counts]

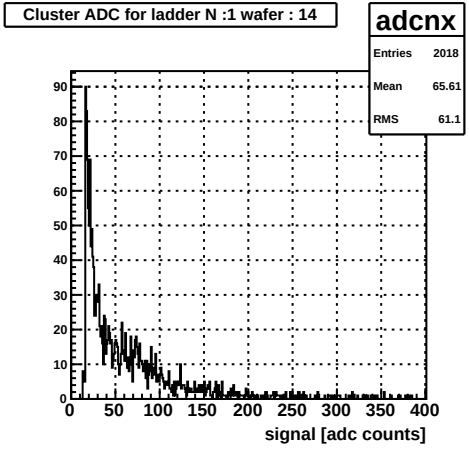

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1556
Mean 80.06
RMS 65.26
signal [adc counts]

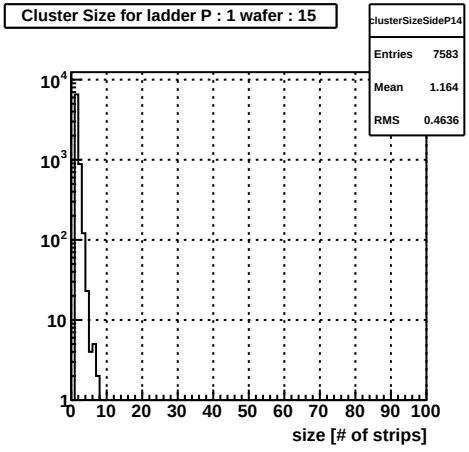

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3348
Mean 1.192
RMS 0.5092
size [# of strips]

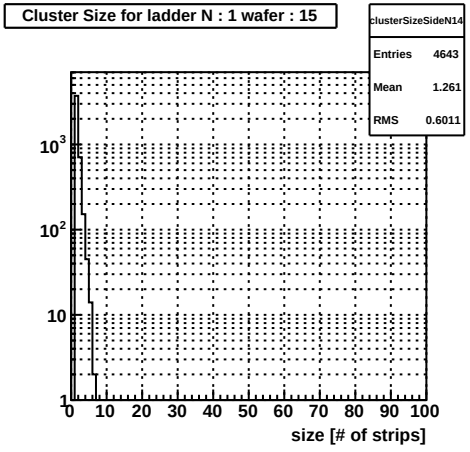

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2018
Mean 1.506
RMS 0.8454
size [# of strips]

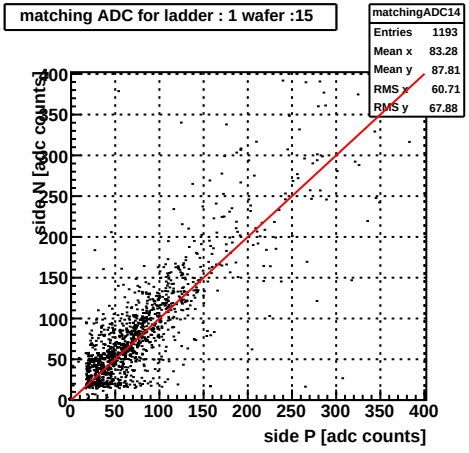

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 951
Mean x 86.38
Mean y 89.29
RMS x 60.05
RMS y 63.4
side N [adc counts]
side P [adc counts]

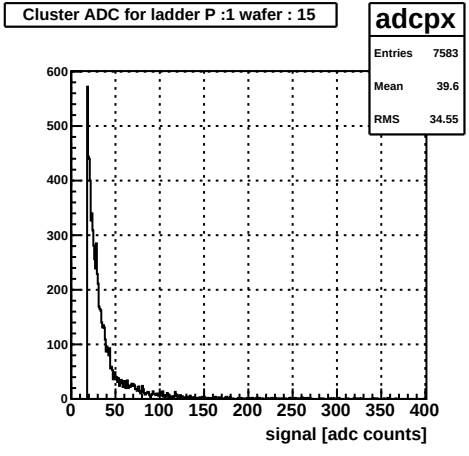

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3348
Mean 46.38
RMS 42.79
signal [adc counts]

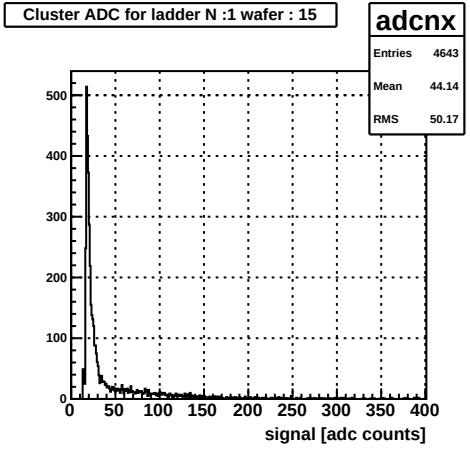

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2018
Mean 65.61
RMS 61.1
signal [adc counts]

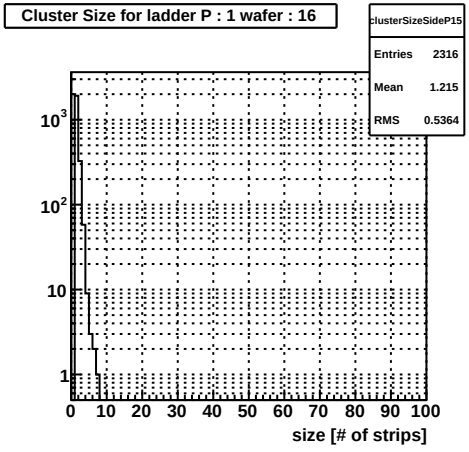

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7583
Mean 1.164
RMS 0.4636
size [# of strips]

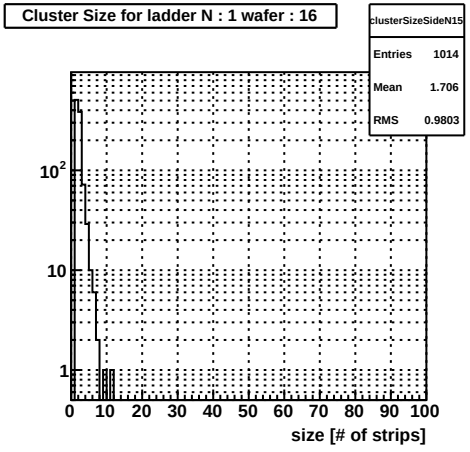

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4643
Mean 1.261
RMS 0.6011
size [# of strips]

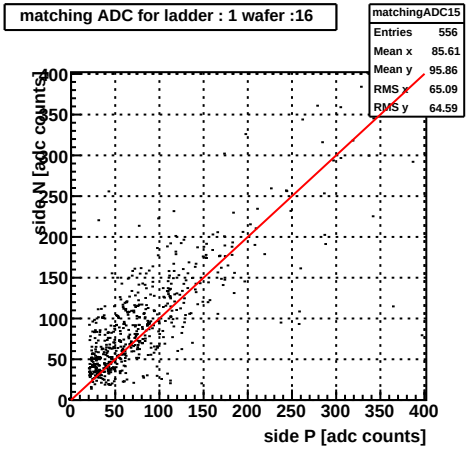

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1193
Mean x 83.28
Mean y 87.81
RMS x 60.71
RMS y 67.88
side N [adc counts]
side P [adc counts]

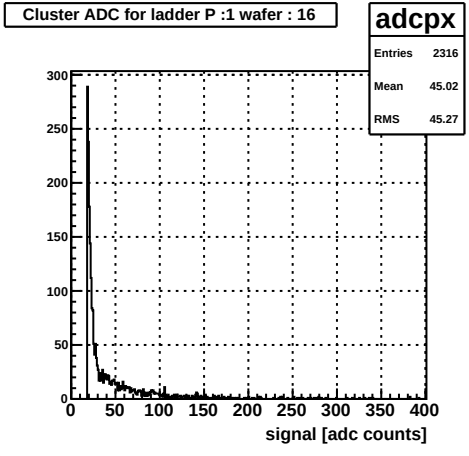

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7583
Mean 39.6
RMS 34.55
signal [adc counts]

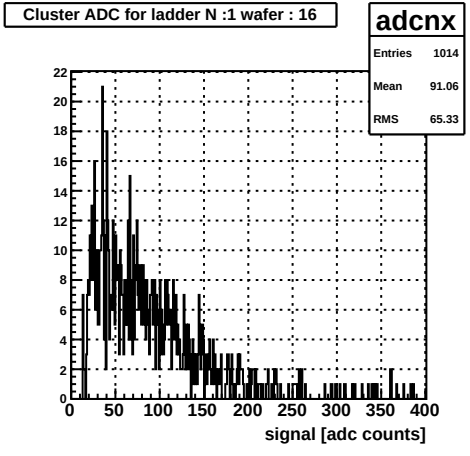

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4643
Mean 44.14
RMS 50.17
signal [adc counts]

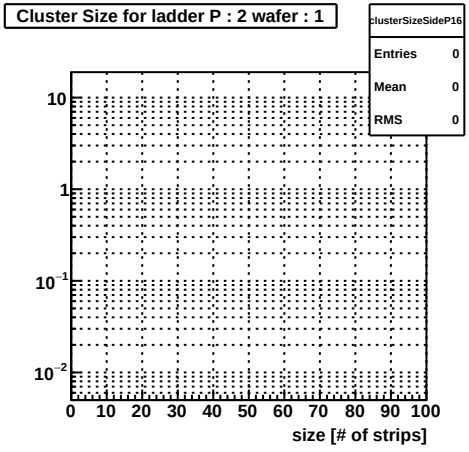

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2316
Mean 1.215
RMS 0.5364
size [# of strips]

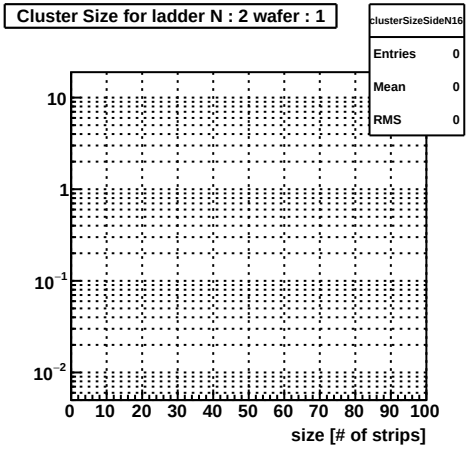

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1014
Mean 1.706
RMS 0.9803
size [# of strips]

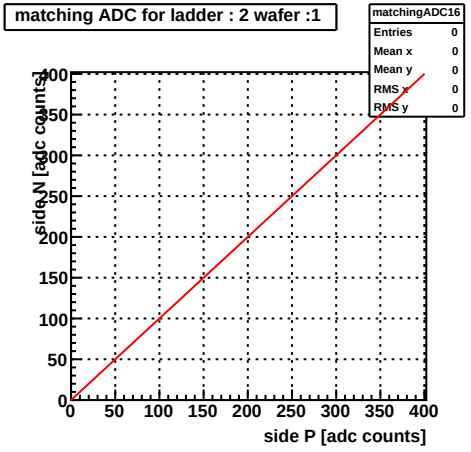

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 556
Mean x 85.61
Mean y 95.86
RMS x 65.09
RMS y 64.59
side N [adc counts]
side P [adc counts]

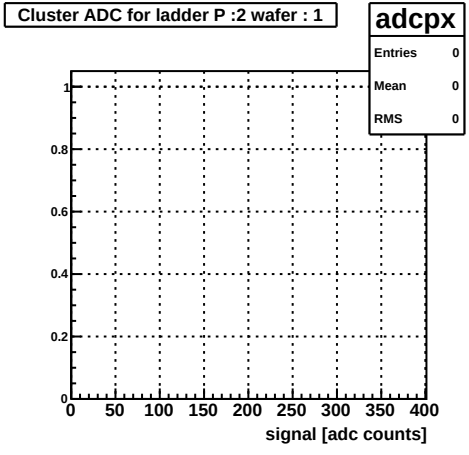

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2316
Mean 45.02
RMS 45.27
signal [adc counts]

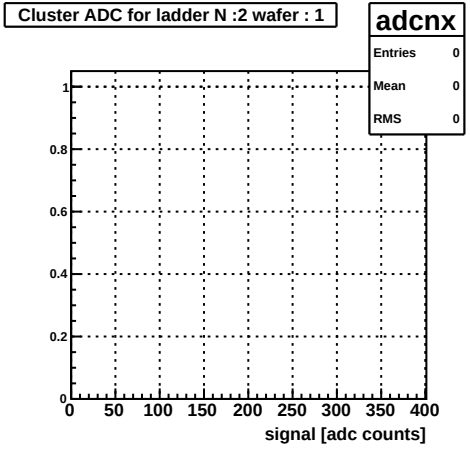

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1014
Mean 91.06
RMS 65.33
signal [adc counts]

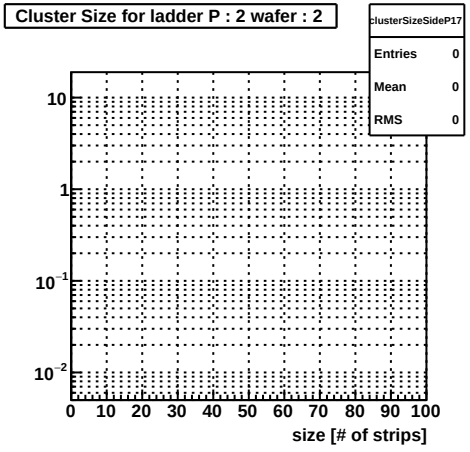

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

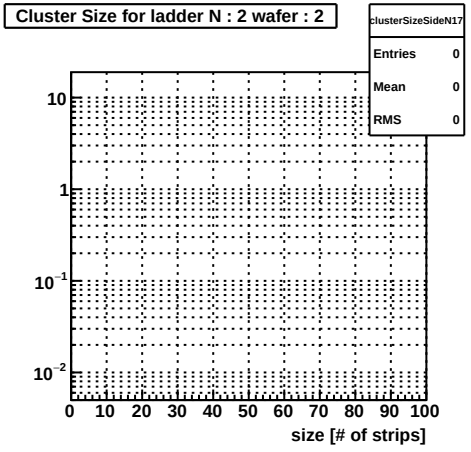

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

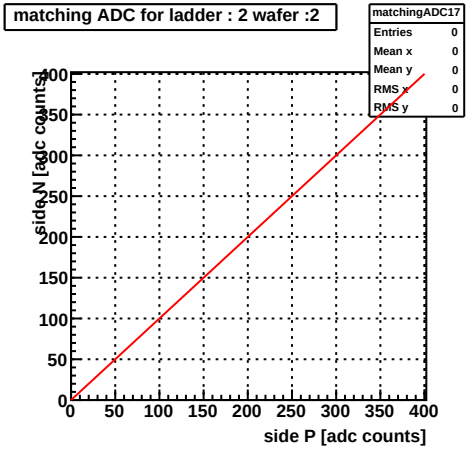

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

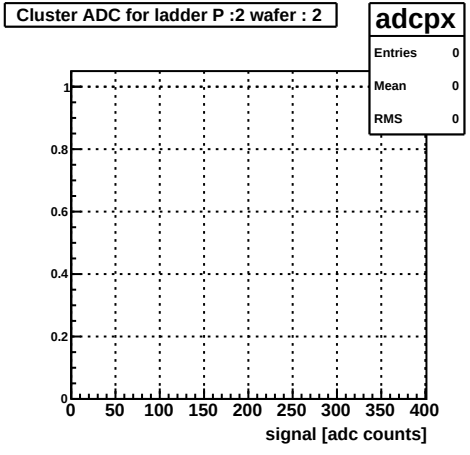

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

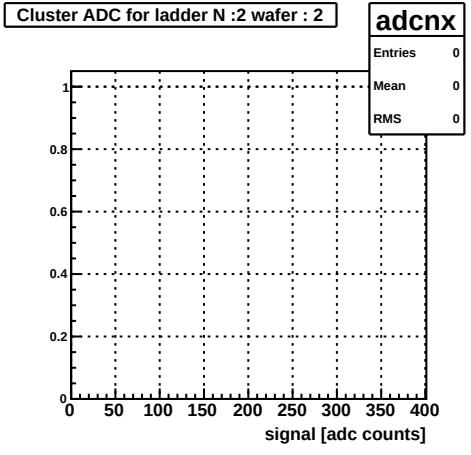

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

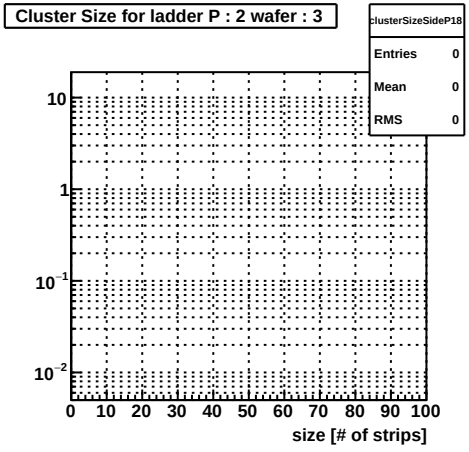

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

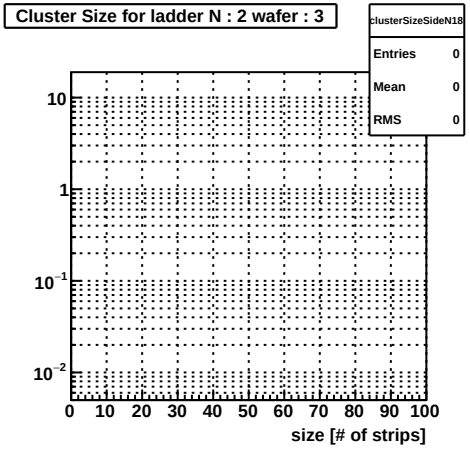

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

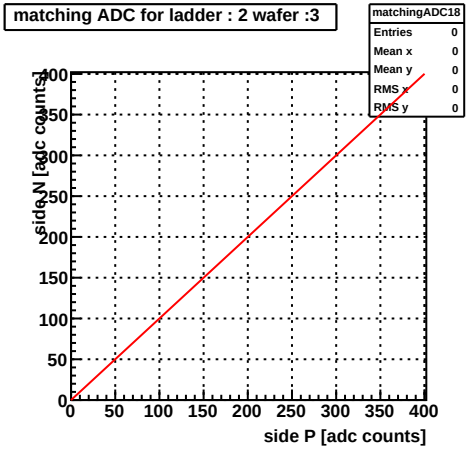

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

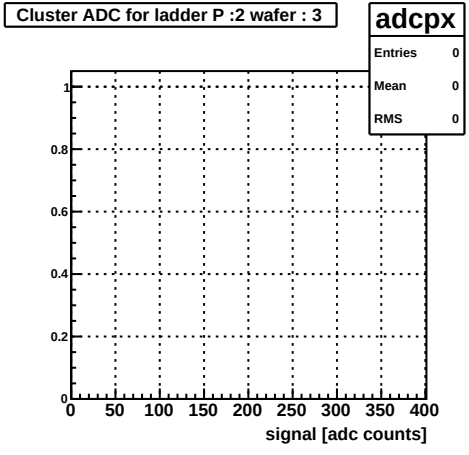

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

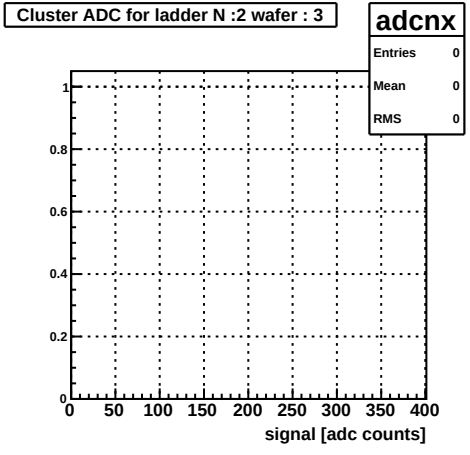

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

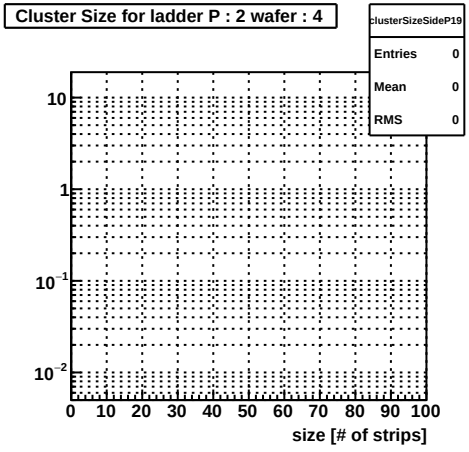

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

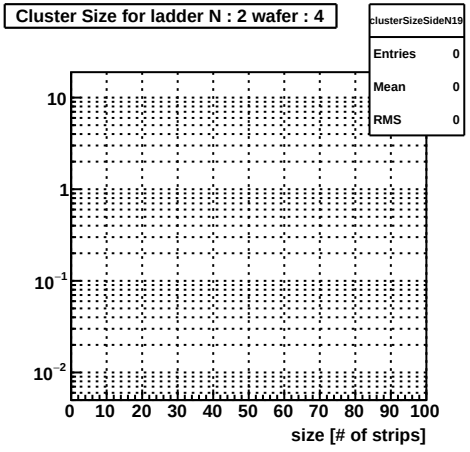

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

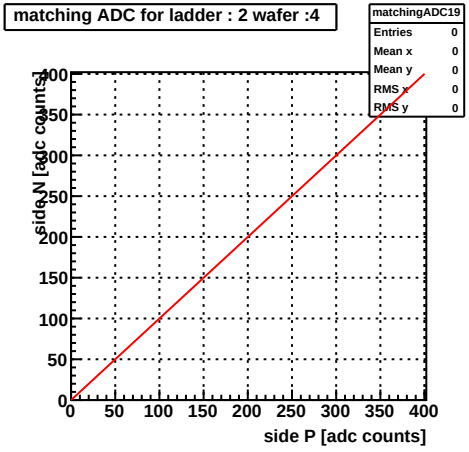

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

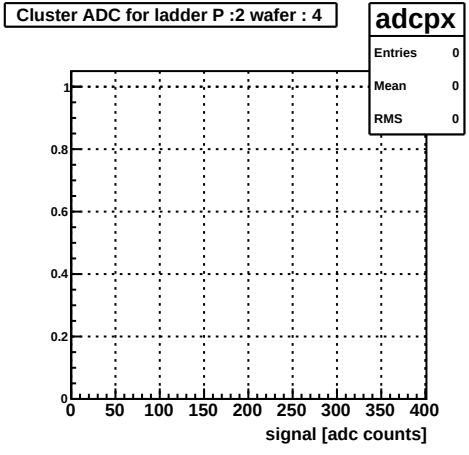

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

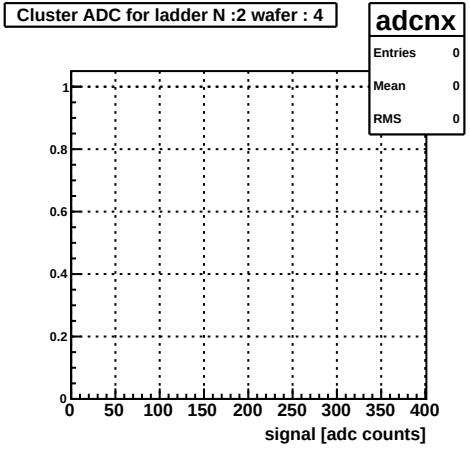

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

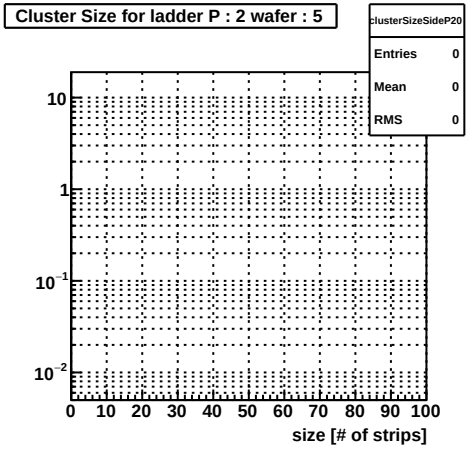

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

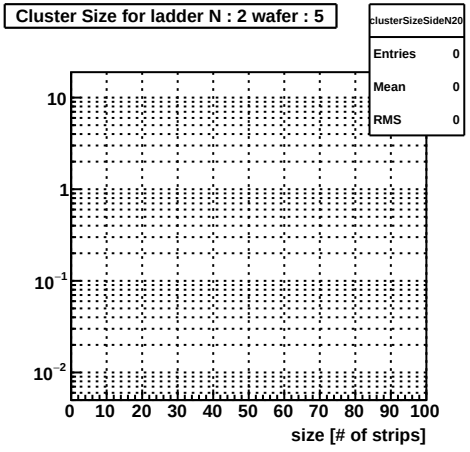

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

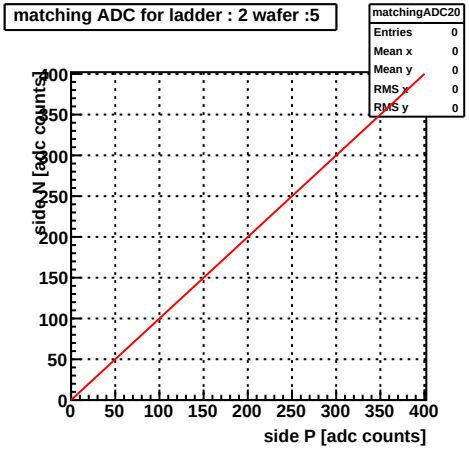

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

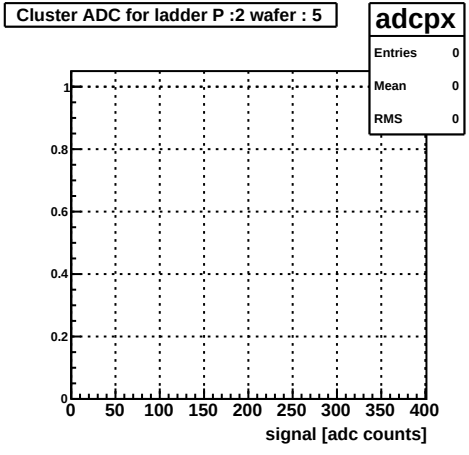

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

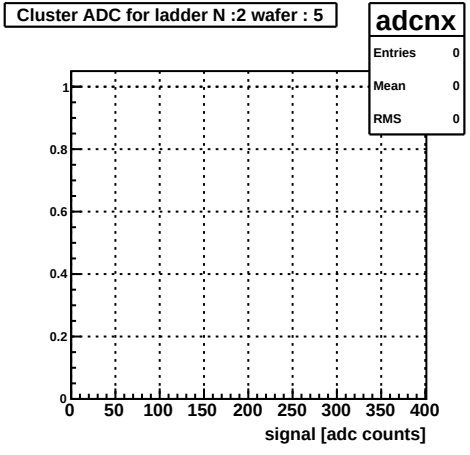

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

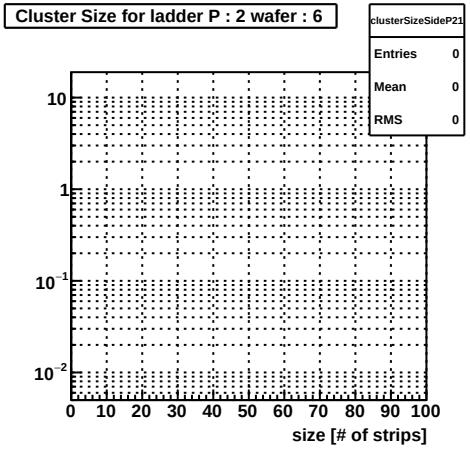

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

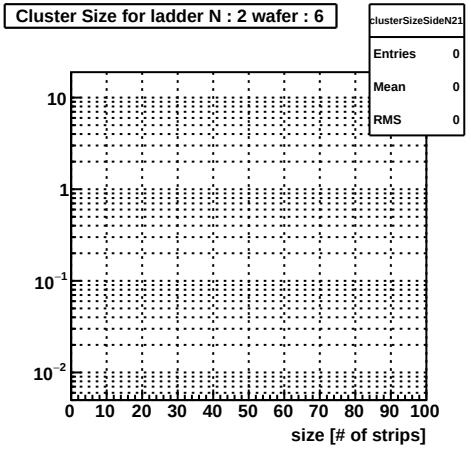

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

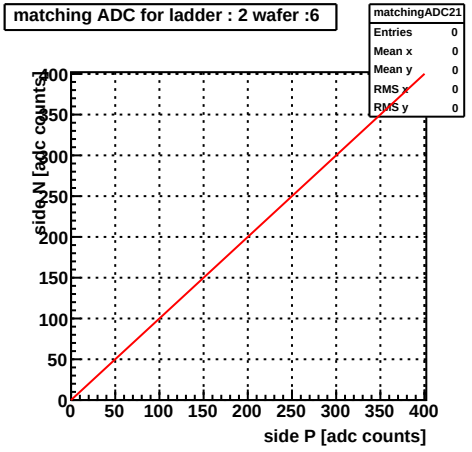

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

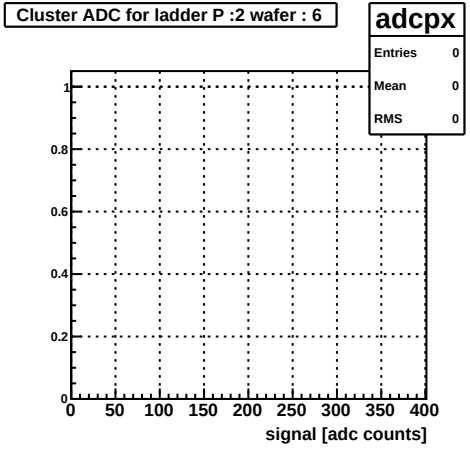

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

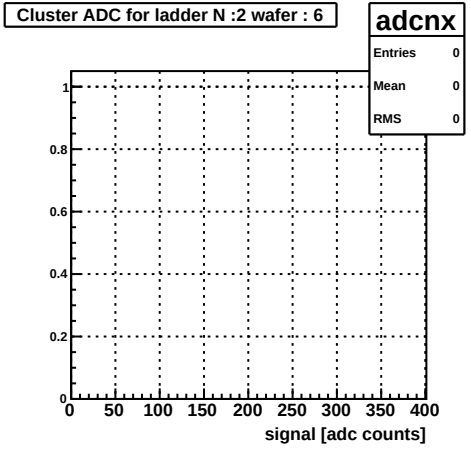

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

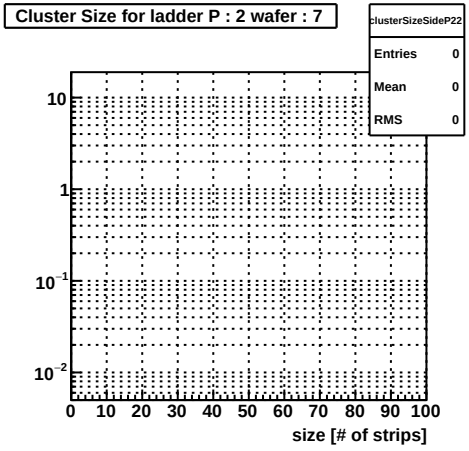

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

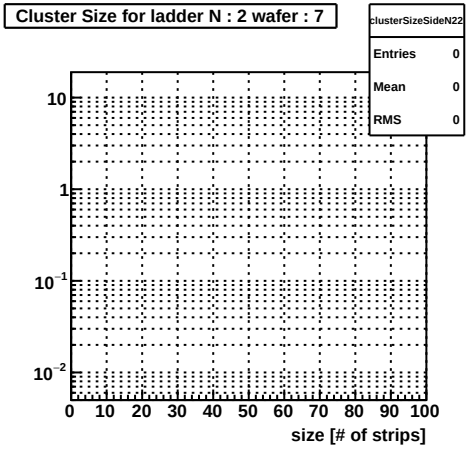

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

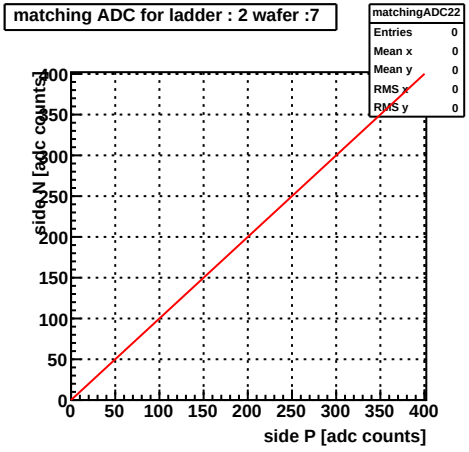

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

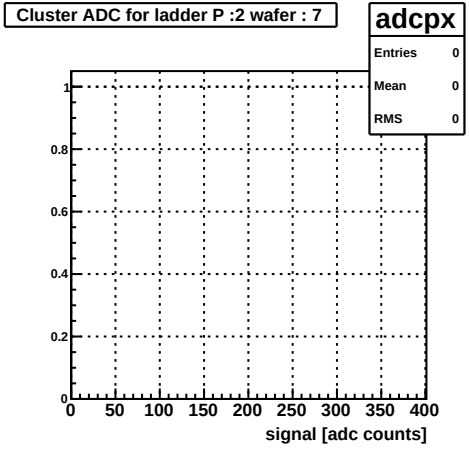

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

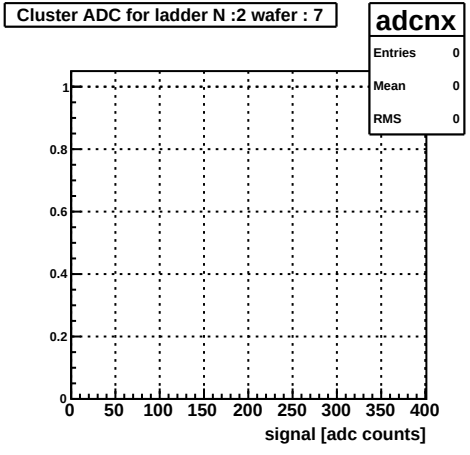

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

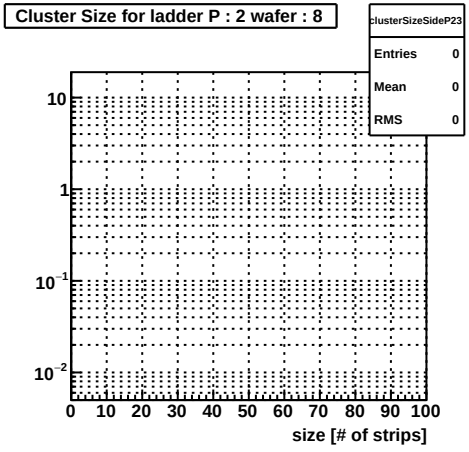

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

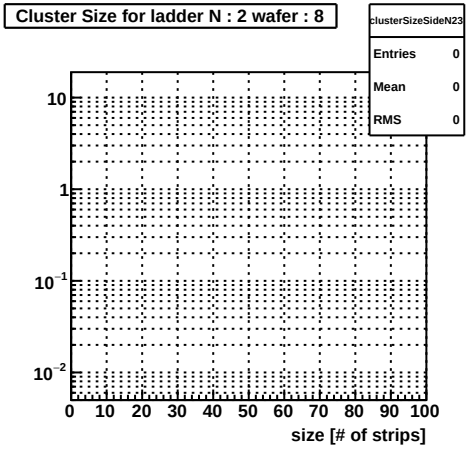

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

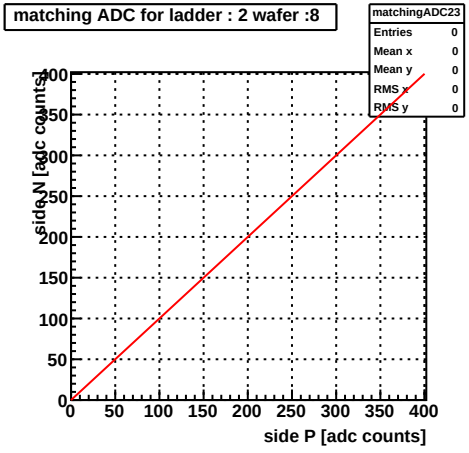

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

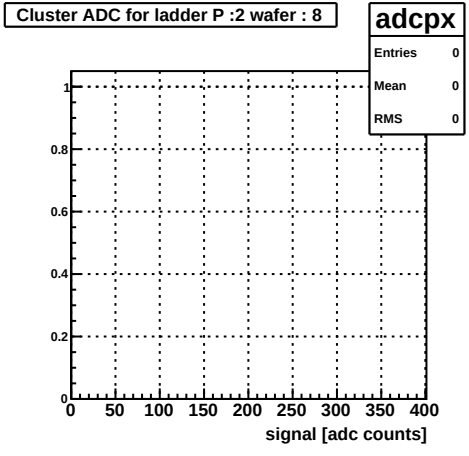

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

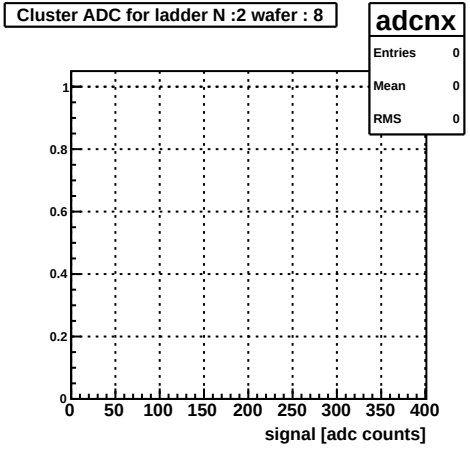

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

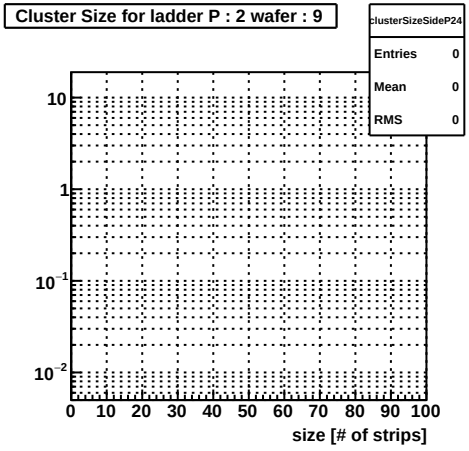

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

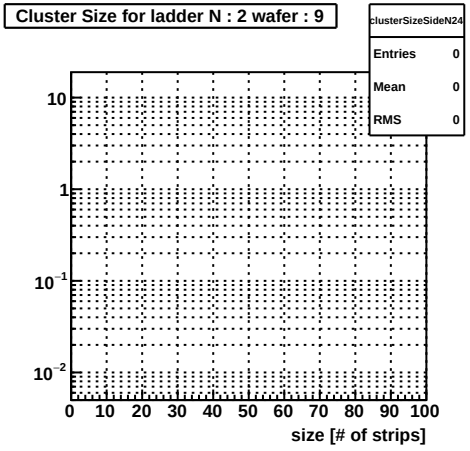

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

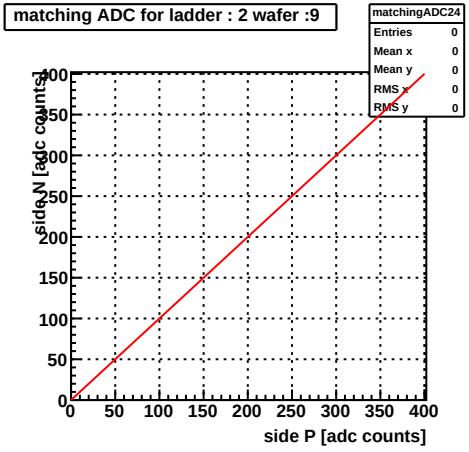

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

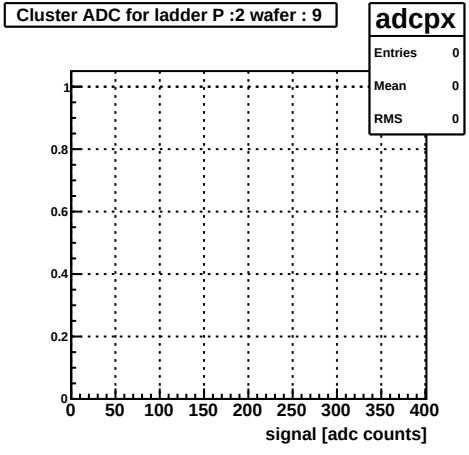

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

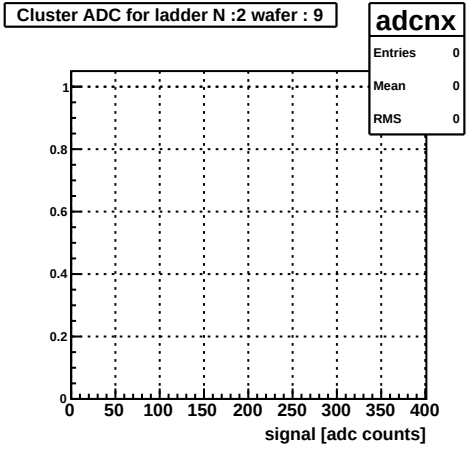

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

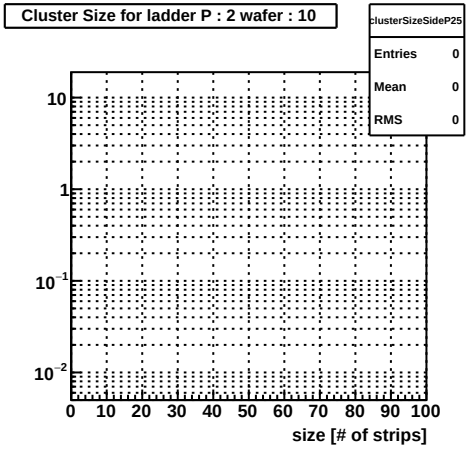

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

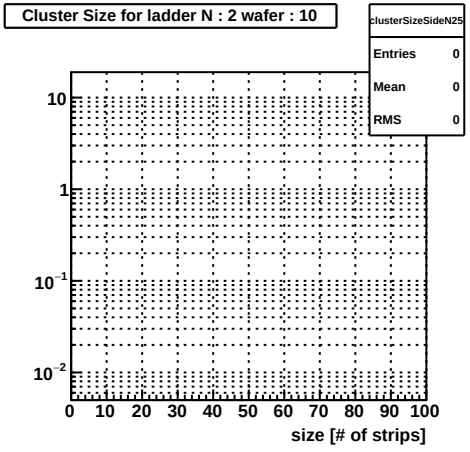

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

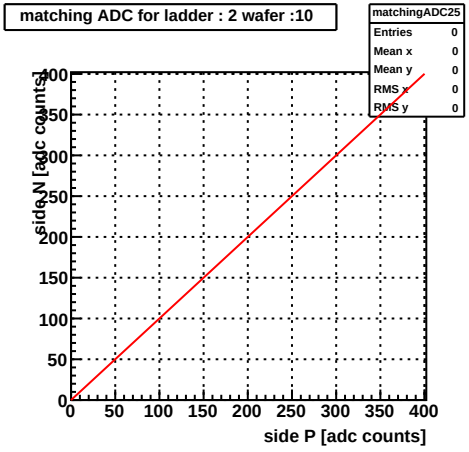

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

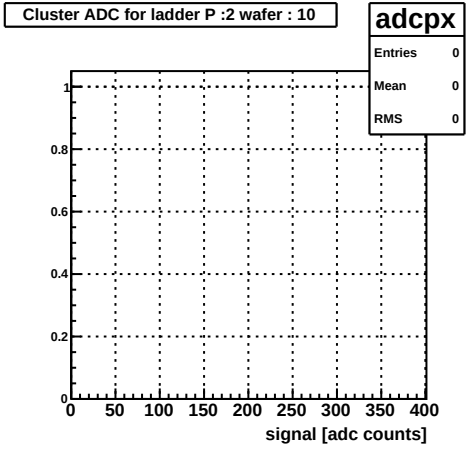

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

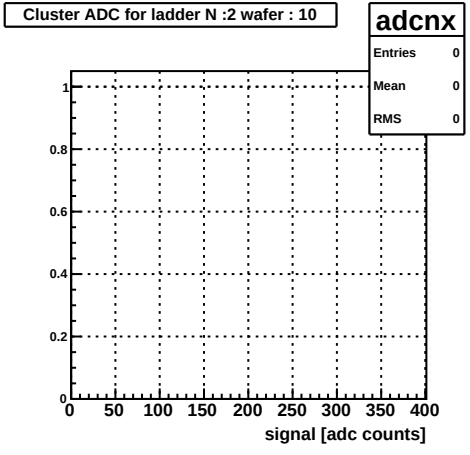

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

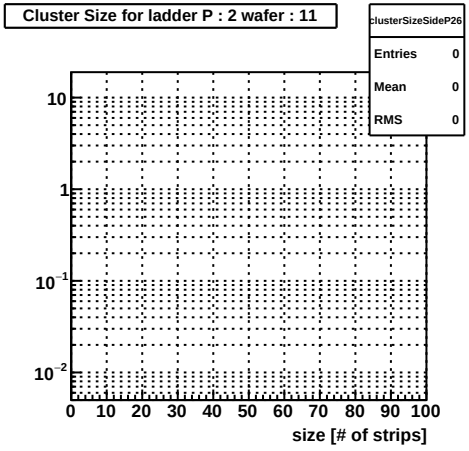

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

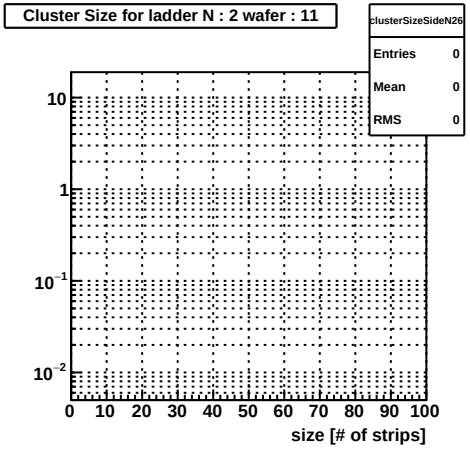

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

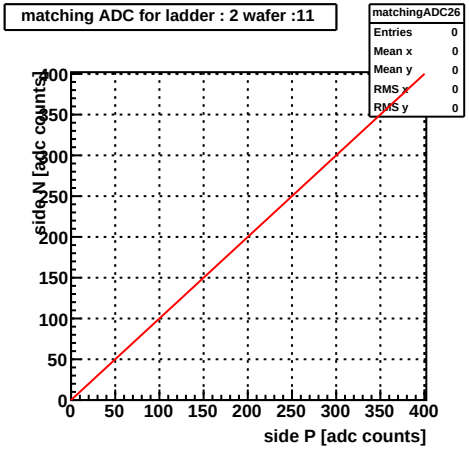

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

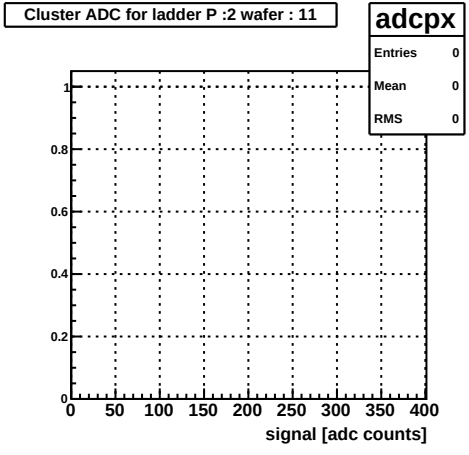

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

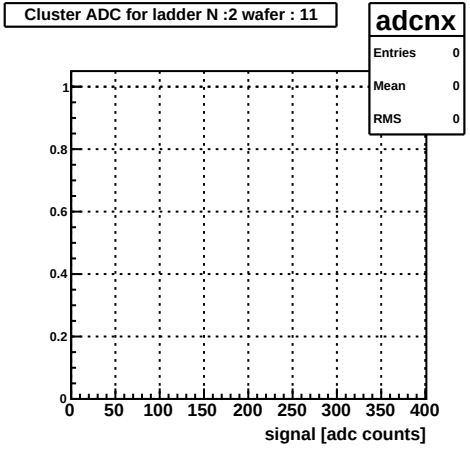

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

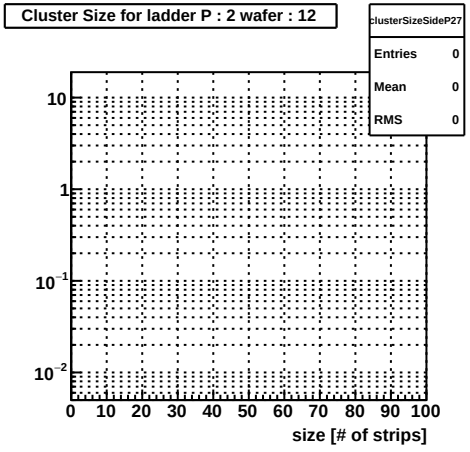

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

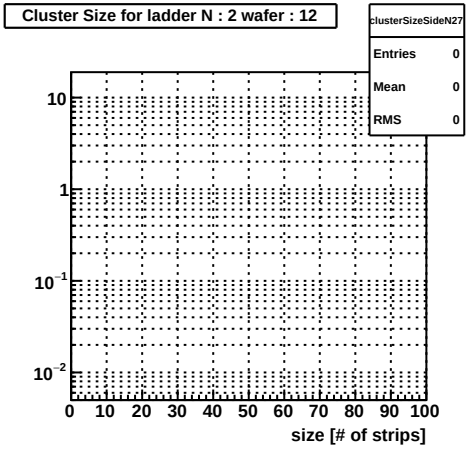

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

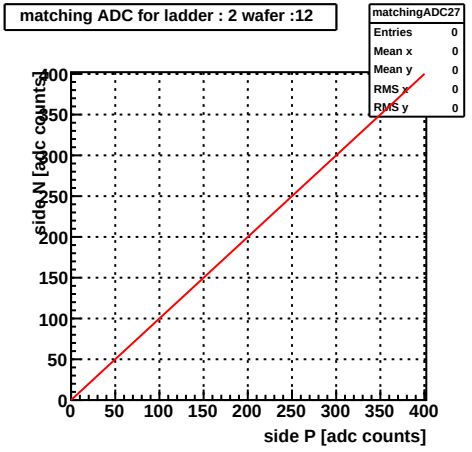

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

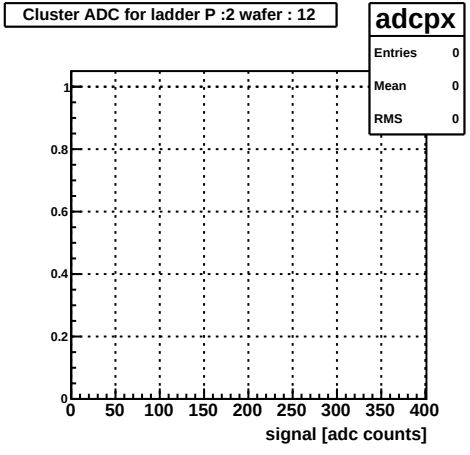

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

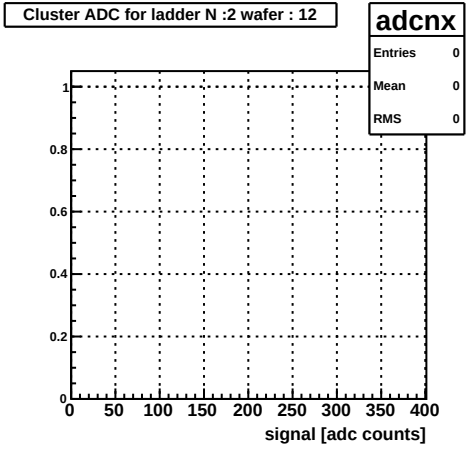

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

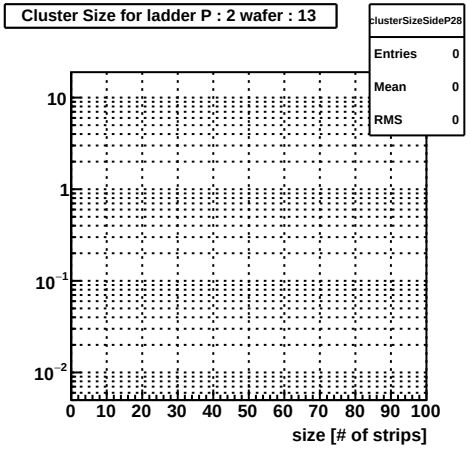

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

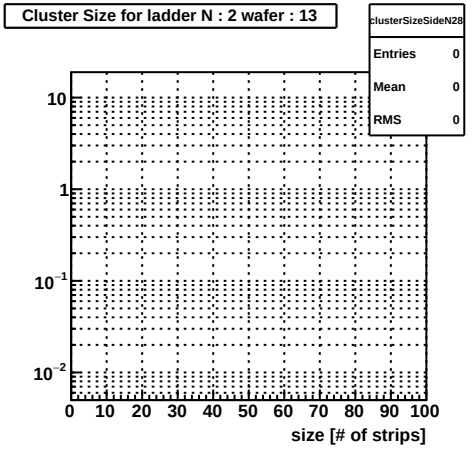

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

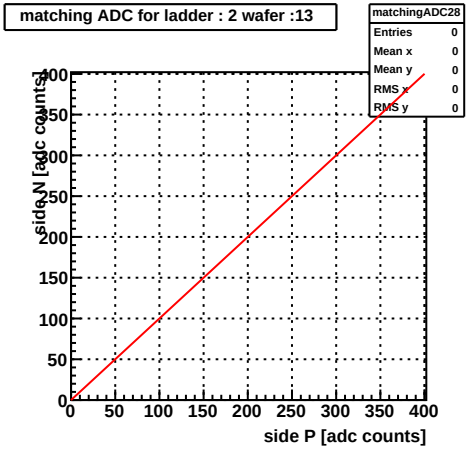

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

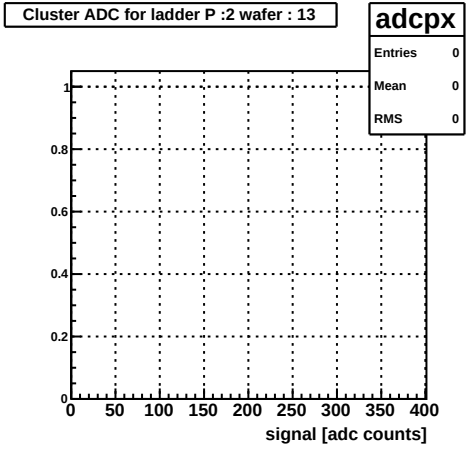

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

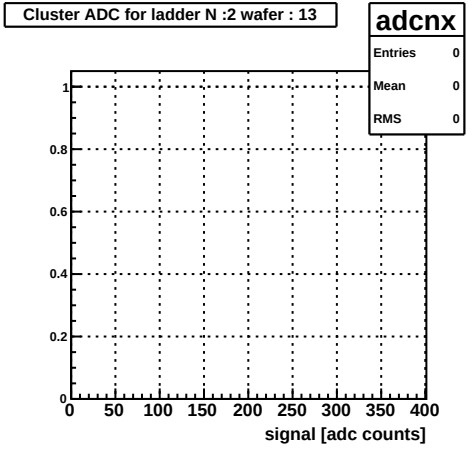

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

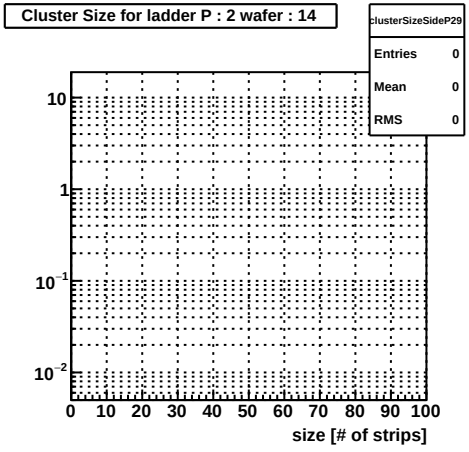

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

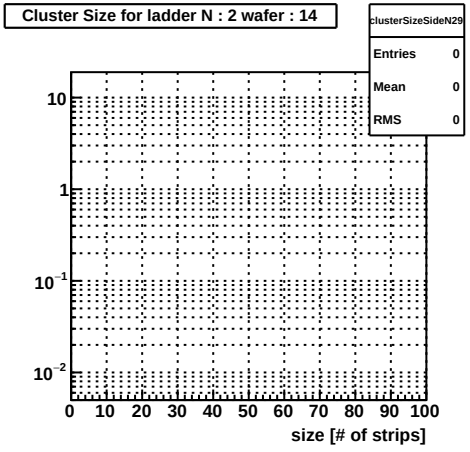

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

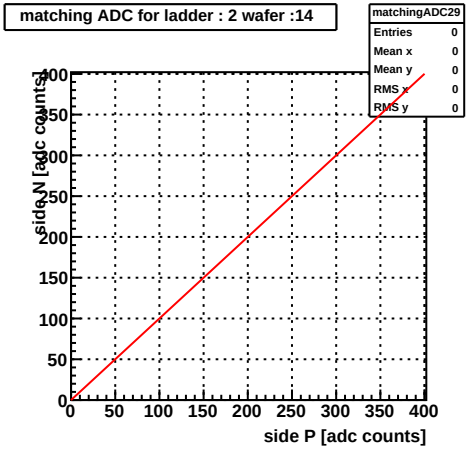

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

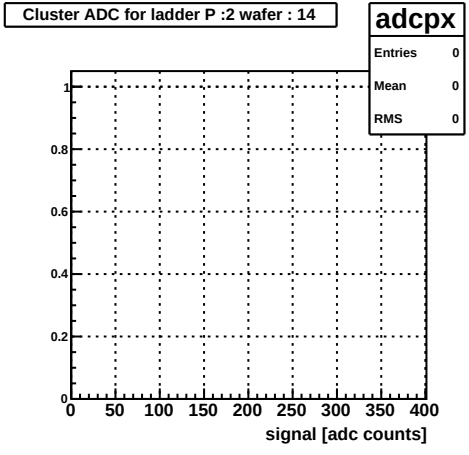

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

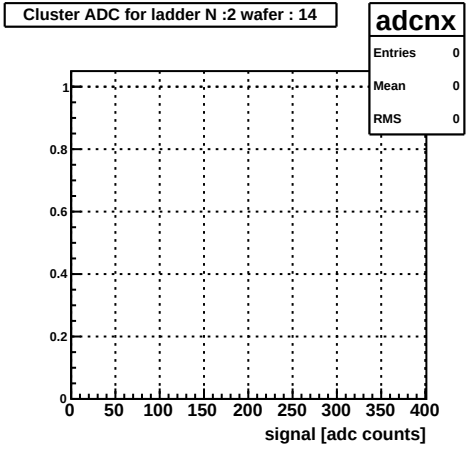

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

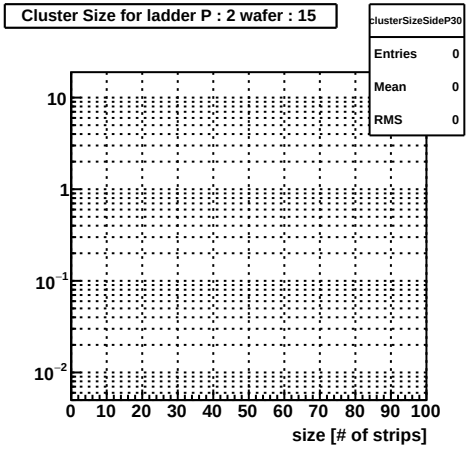

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

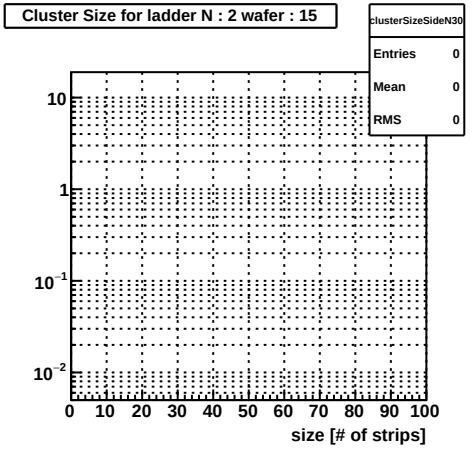

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

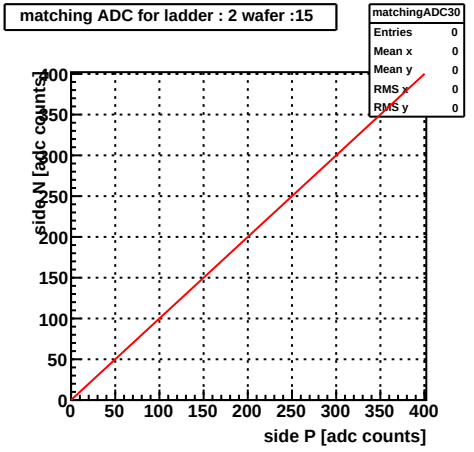

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

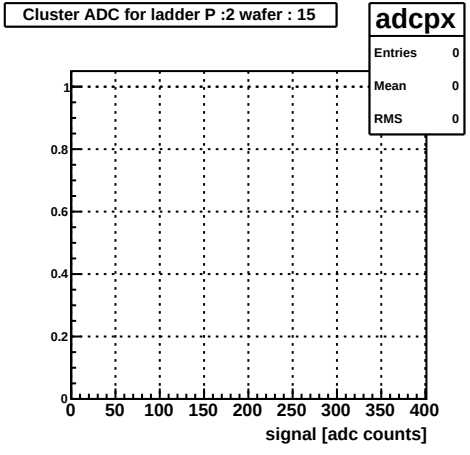

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

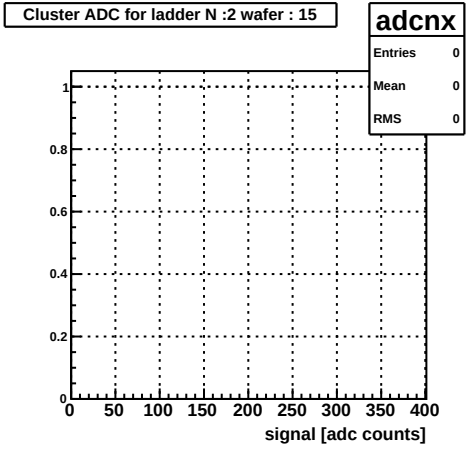

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

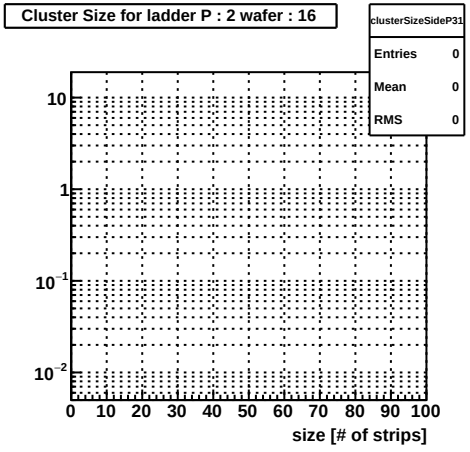

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

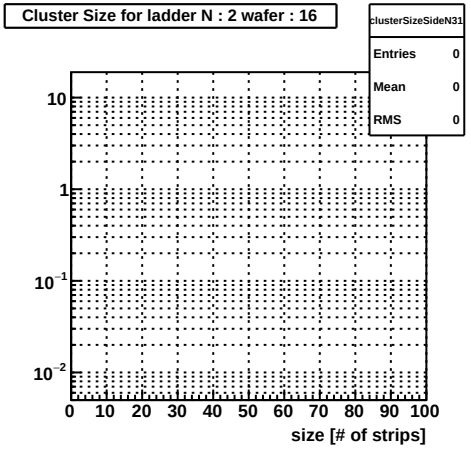

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

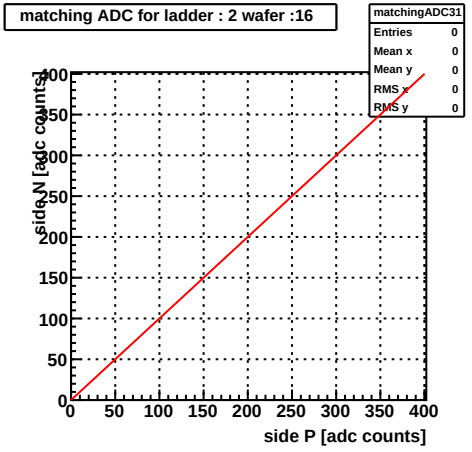

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

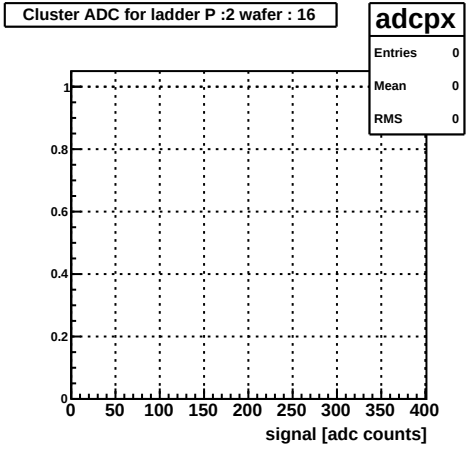

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

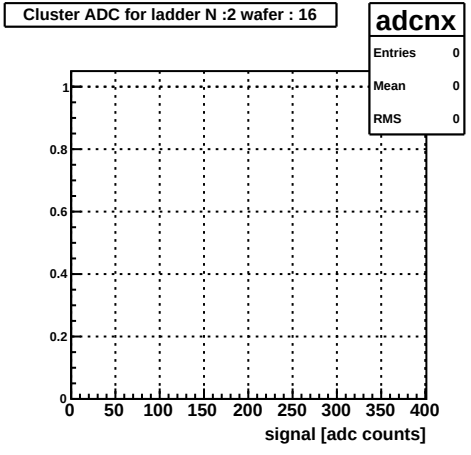

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

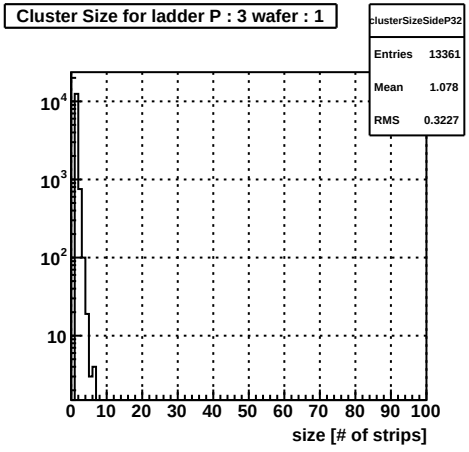

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

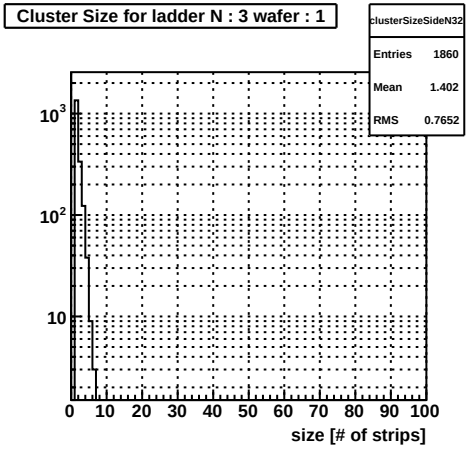

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

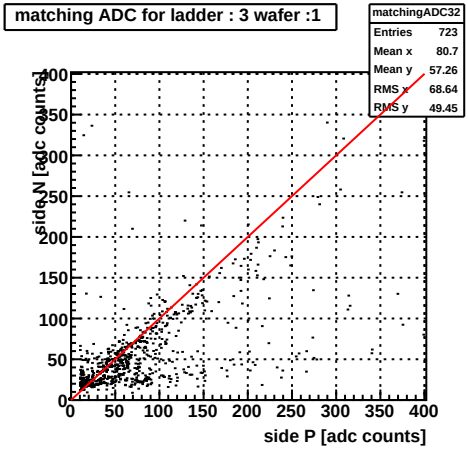

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

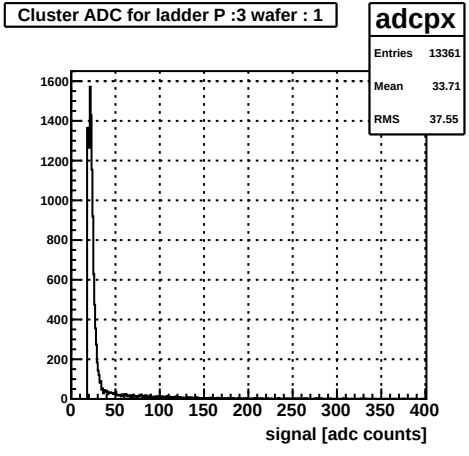

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

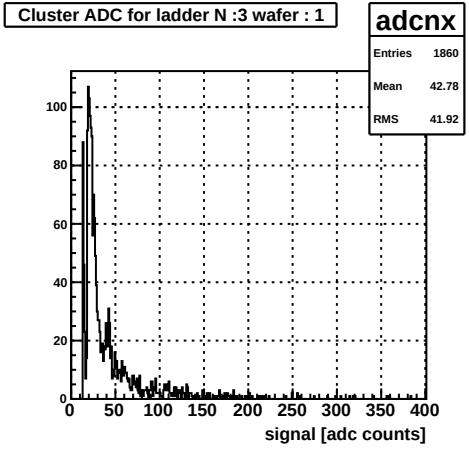

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

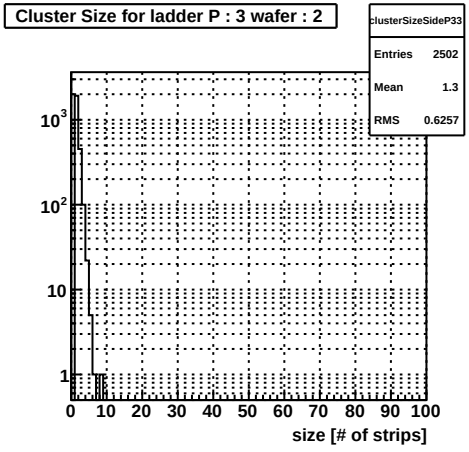

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13361
Mean 1.078
RMS 0.3227
size [# of strips]

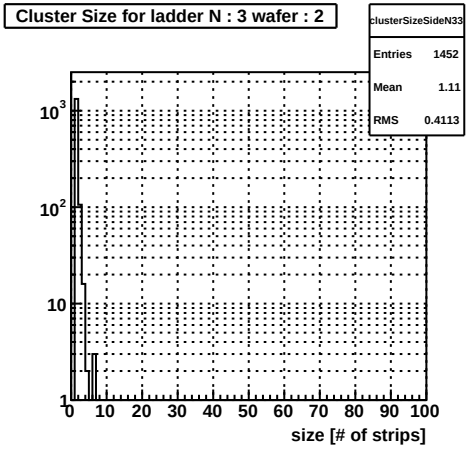

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1860
Mean 1.402
RMS 0.7652
size [# of strips]

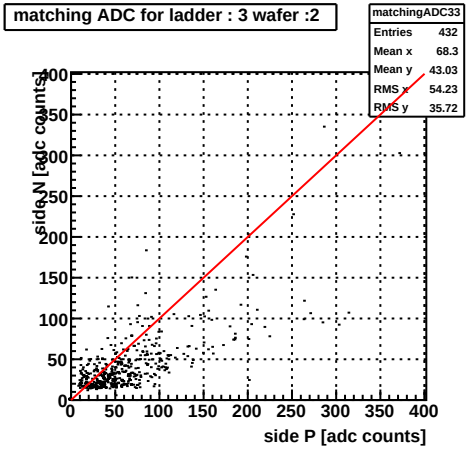

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 723
Mean x 80.7
Mean y 57.26
RMS x 68.64
RMS y 49.45
side N [adc counts]
side P [adc counts]

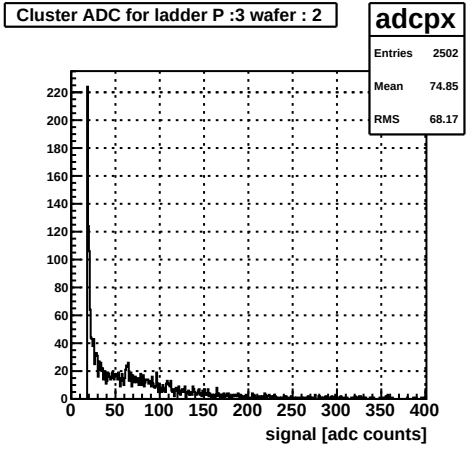

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13361
Mean 33.71
RMS 37.55
signal [adc counts]

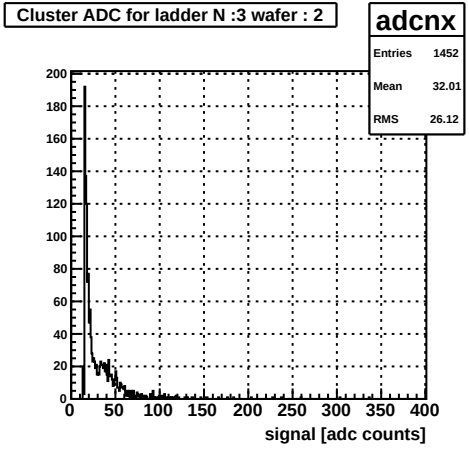

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1860
Mean 42.78
RMS 41.92
signal [adc counts]

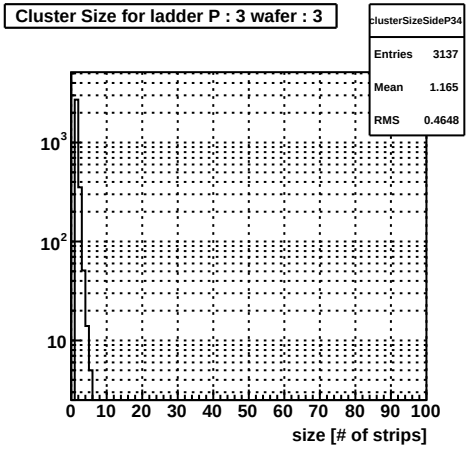

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2502
Mean 1.3
RMS 0.6257
size [# of strips]

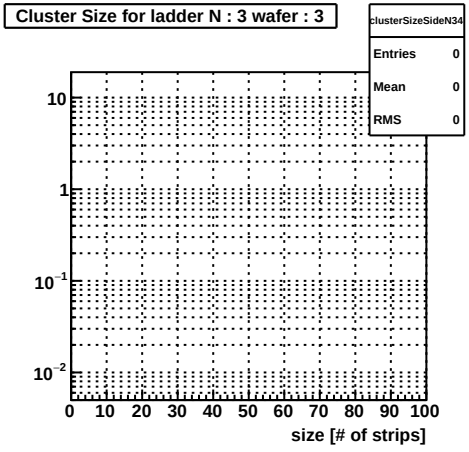

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1452
Mean 1.11
RMS 0.4113
size [# of strips]

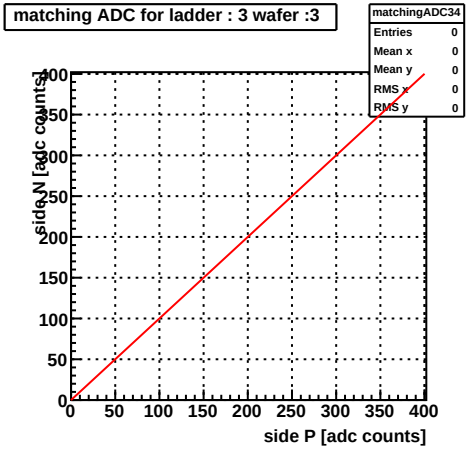

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 432
Mean x 68.3
Mean y 43.03
RMS x 54.23
RMS y 35.72
side N [adc counts]
side P [adc counts]

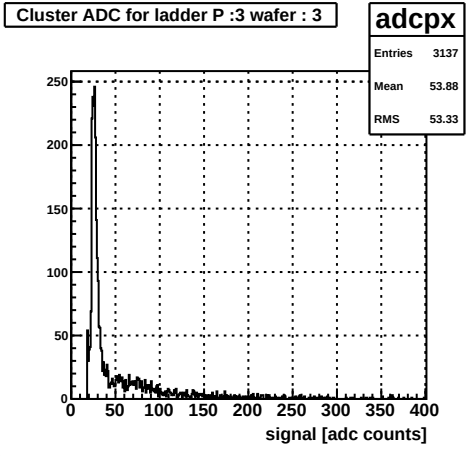

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2502
Mean 74.85
RMS 68.17
signal [adc counts]

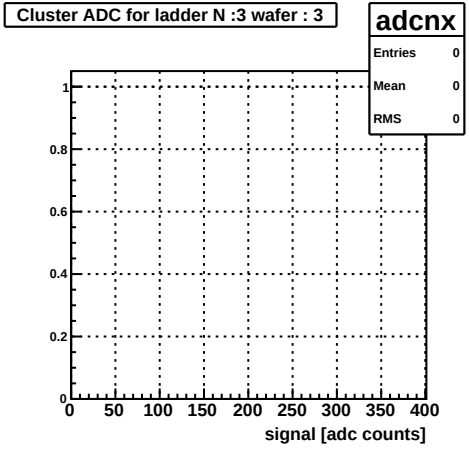

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1452
Mean 32.01
RMS 26.12
signal [adc counts]

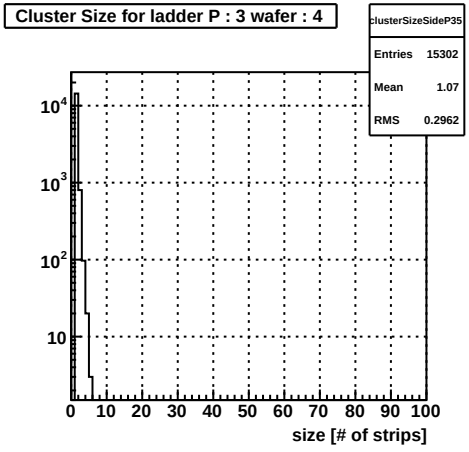

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3137
Mean 1.165
RMS 0.4648
size [# of strips]

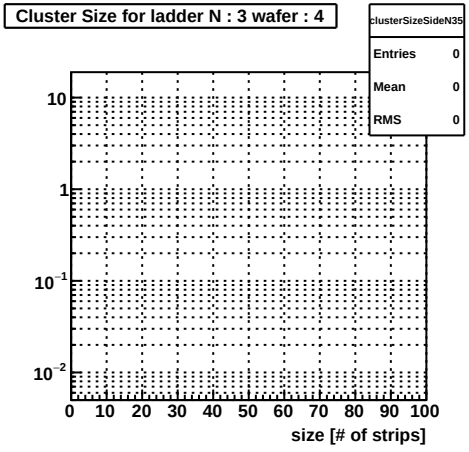

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

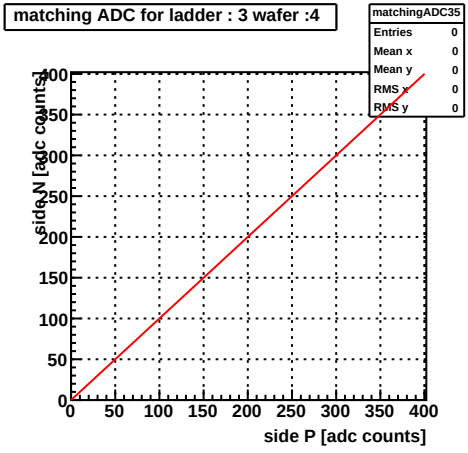

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

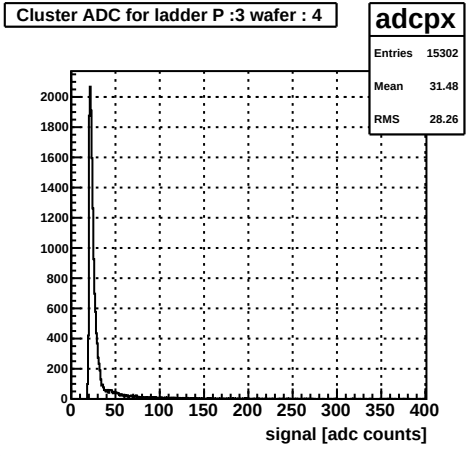

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3137
Mean 53.88
RMS 53.33
signal [adc counts]

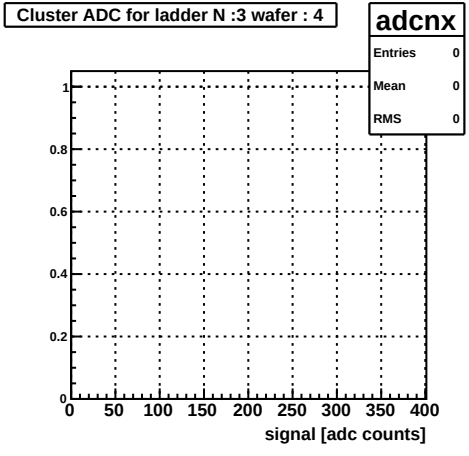

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

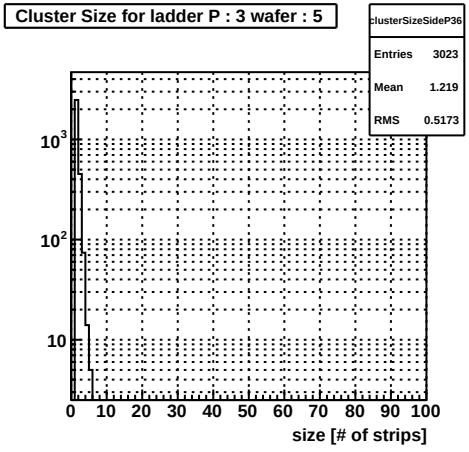

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15302
Mean 1.07
RMS 0.2962
size [# of strips]

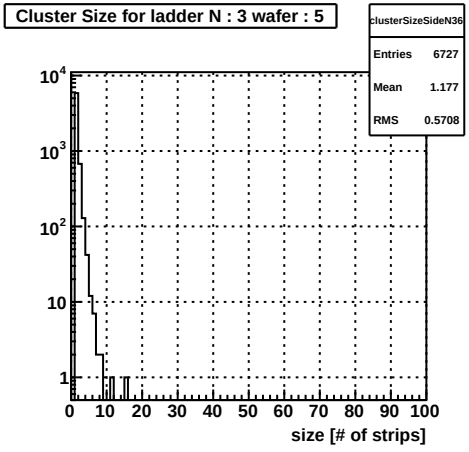

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

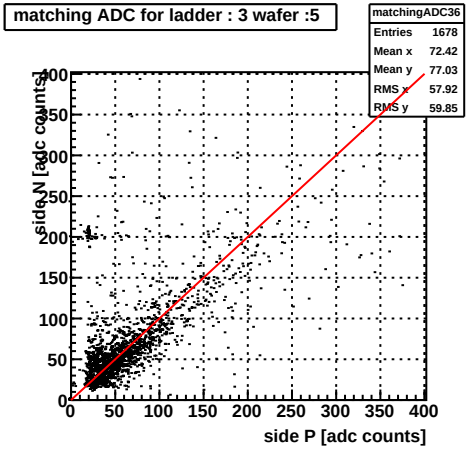

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

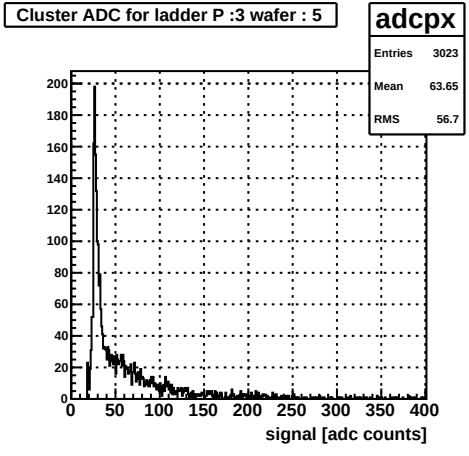

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15302
Mean 31.48
RMS 28.26
signal [adc counts]

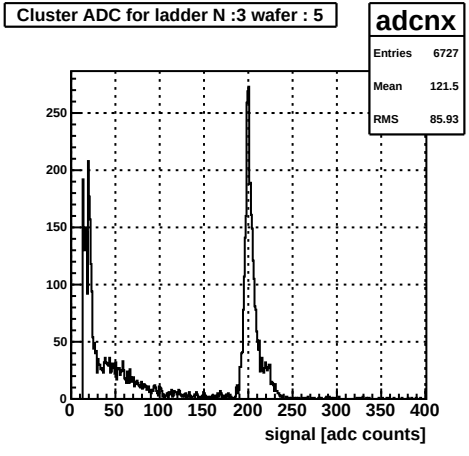

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

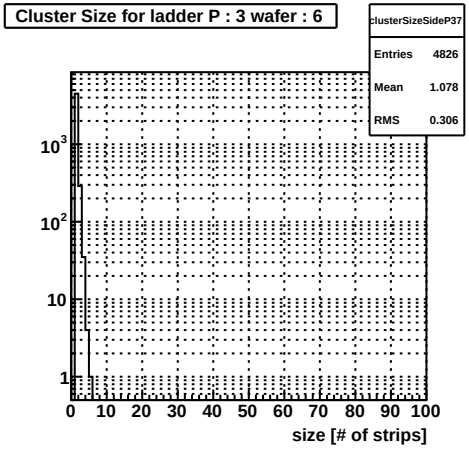

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3023
Mean 1.219
RMS 0.5173
size [# of strips]

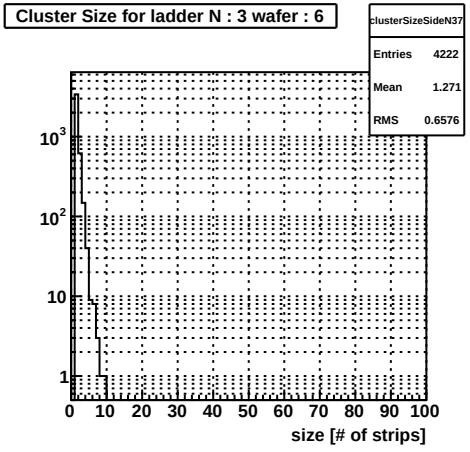

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6727
Mean 1.177
RMS 0.5708
size [# of strips]

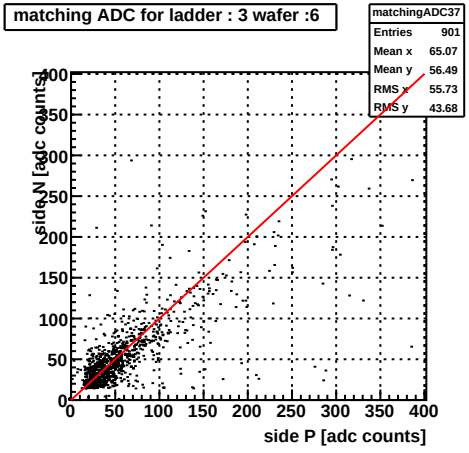

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1678
Mean x 72.42
Mean y 77.03
RMS x 57.92
RMS y 59.85
side N [adc counts]
side P [adc counts]

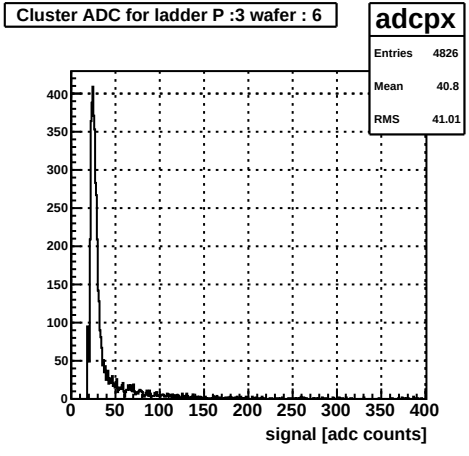

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3023
Mean 63.65
RMS 56.7
signal [adc counts]

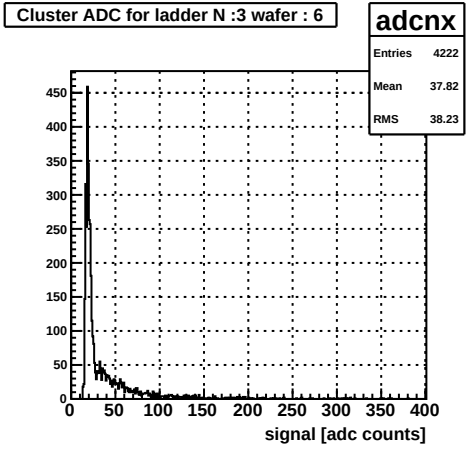

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6727
Mean 121.5
RMS 85.93
signal [adc counts]

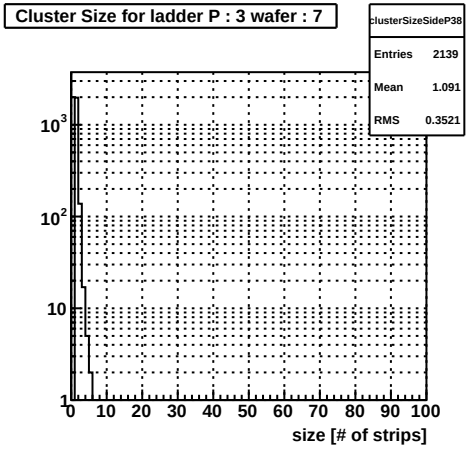

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4826
Mean 1.078
RMS 0.306
size [# of strips]

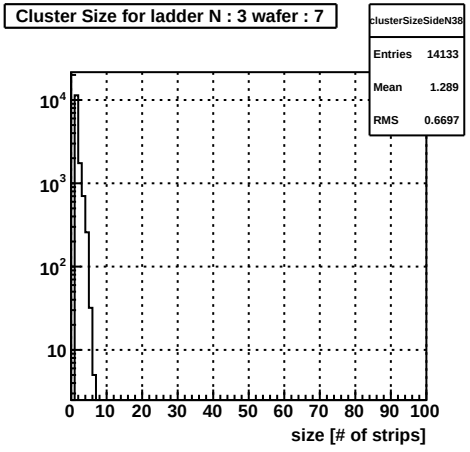

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4222
Mean 1.271
RMS 0.6576
size [# of strips]

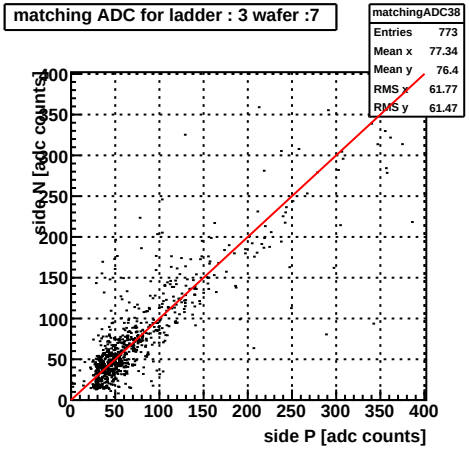

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 901
Mean x 65.07
Mean y 56.49
RMS x 55.73
RMS y 43.68
side N [adc counts]
side P [adc counts]

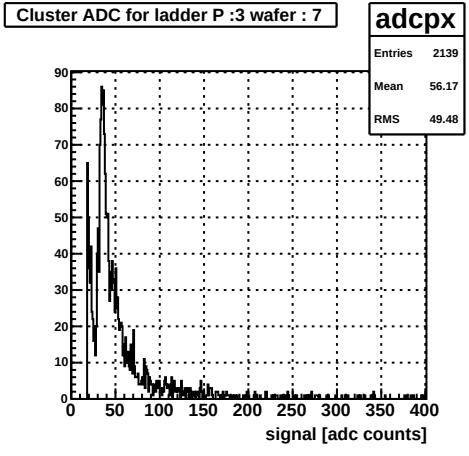

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4826
Mean 40.8
RMS 41.01
signal [adc counts]

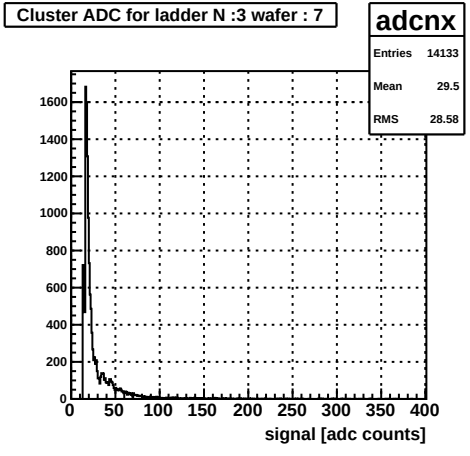

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4222
Mean 37.82
RMS 38.23
signal [adc counts]

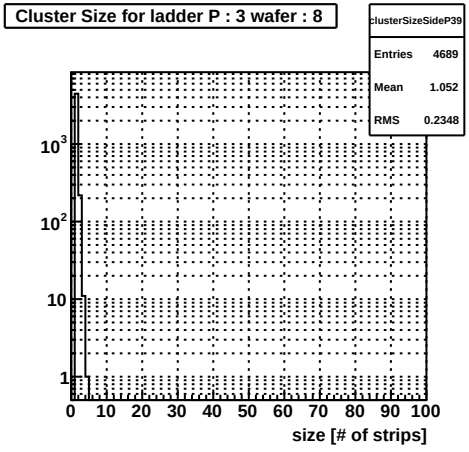

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2139
Mean 1.091
RMS 0.3521
size [# of strips]

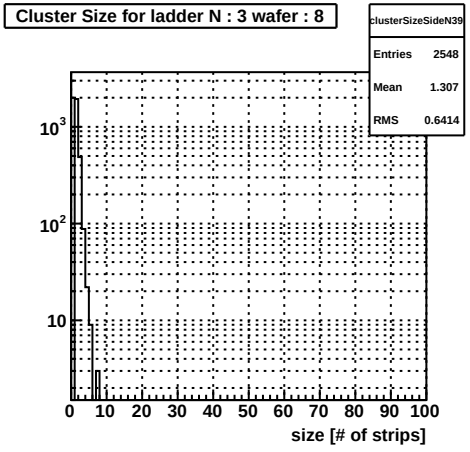

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 14133
Mean 1.289
RMS 0.6697
size [# of strips]

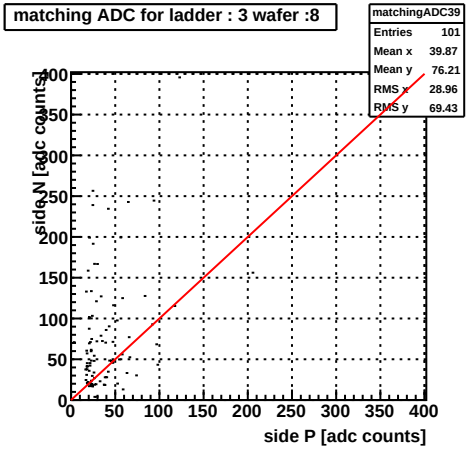

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 773
Mean x 77.34
Mean y 76.4
RMS x 61.77
RMS y 61.47
side N [adc counts]
side P [adc counts]

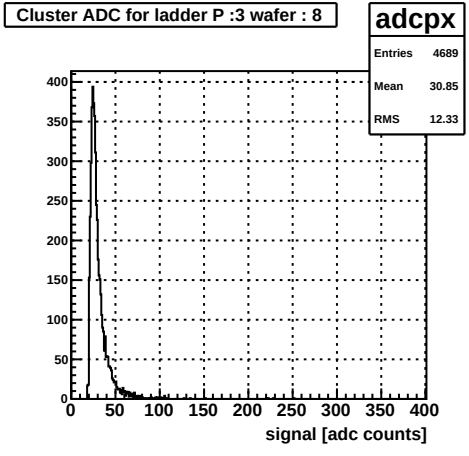

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2139
Mean 56.17
RMS 49.48
signal [adc counts]

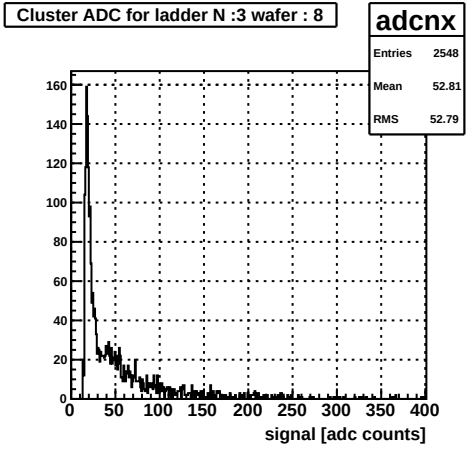

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 14133
Mean 29.5
RMS 28.58
signal [adc counts]

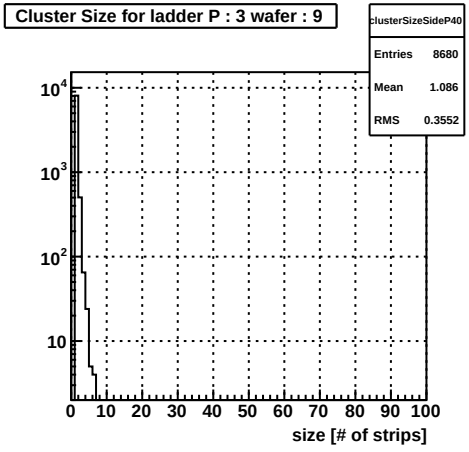

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4689
Mean 1.052
RMS 0.2348
size [# of strips]

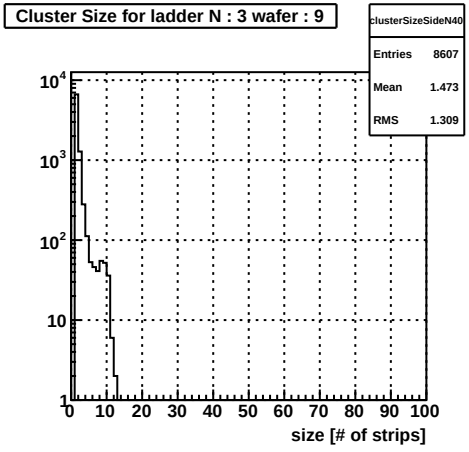

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2548
Mean 1.307
RMS 0.6414
size [# of strips]

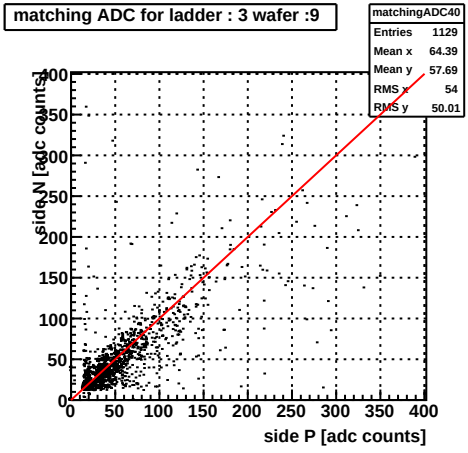

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 101
Mean x 39.87
Mean y 76.21
RMS x 28.96
RMS y 69.43
side N [adc counts]
side P [adc counts]

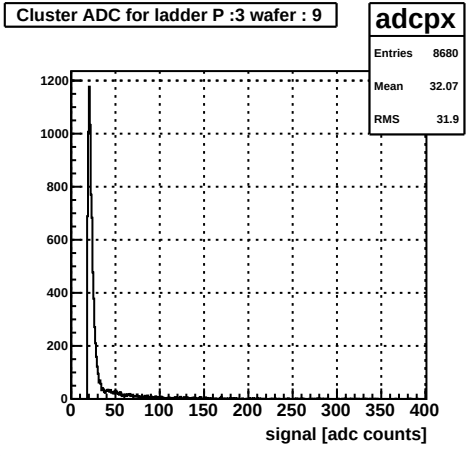

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4689
Mean 30.85
RMS 12.33
signal [adc counts]

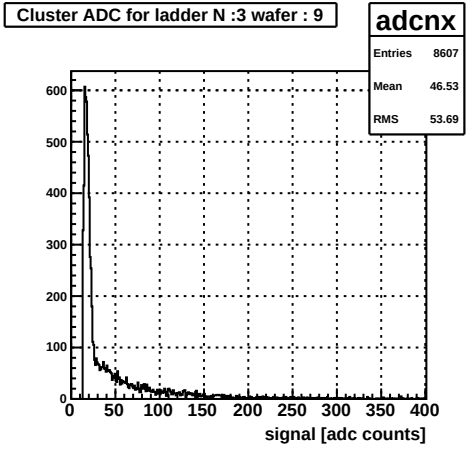

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2548
Mean 52.81
RMS 52.79
signal [adc counts]

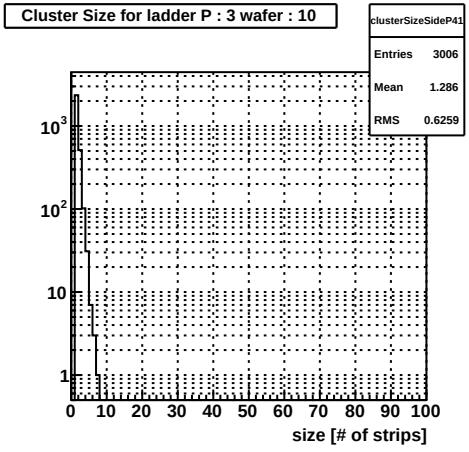

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8680
Mean 1.086
RMS 0.3552
size [# of strips]

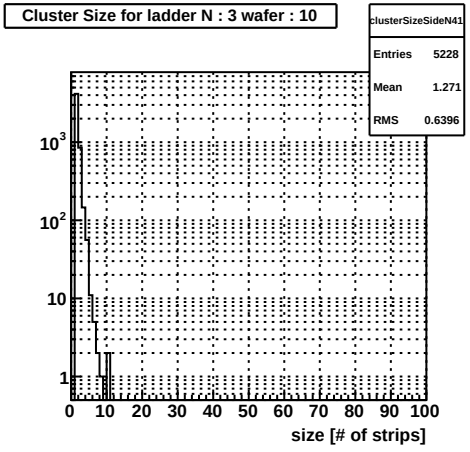

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8607
Mean 1.473
RMS 1.309
size [# of strips]

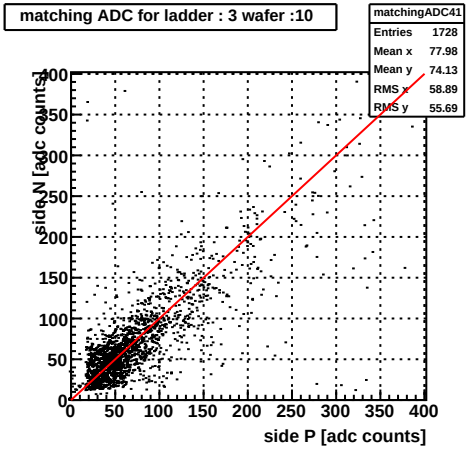

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1129
Mean x 64.39
Mean y 57.69
RMS x 54
RMS y 50.01
side N [adc counts]
side P [adc counts]

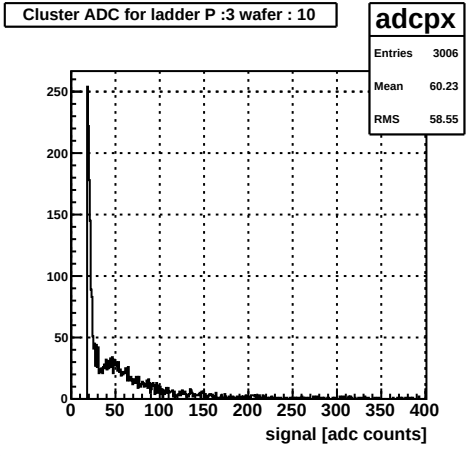

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8680
Mean 32.07
RMS 31.9
signal [adc counts]

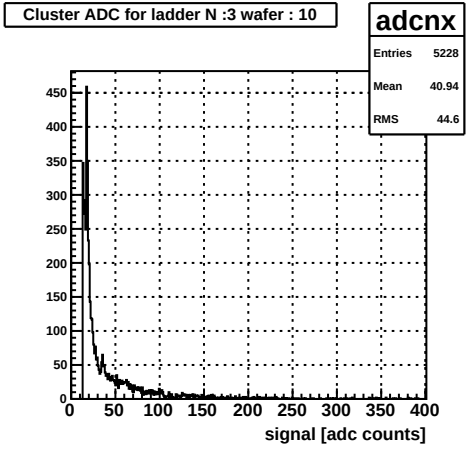

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8607
Mean 46.53
RMS 53.69
signal [adc counts]

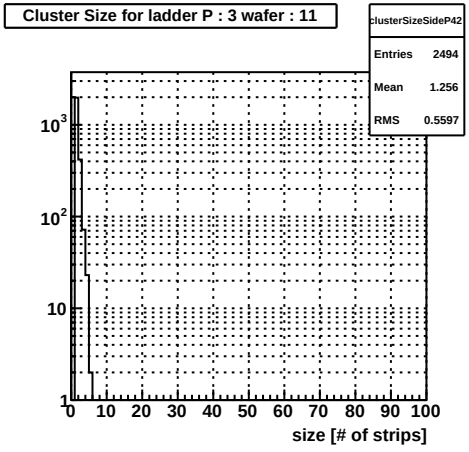

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3006
Mean 1.286
RMS 0.6259
size [# of strips]

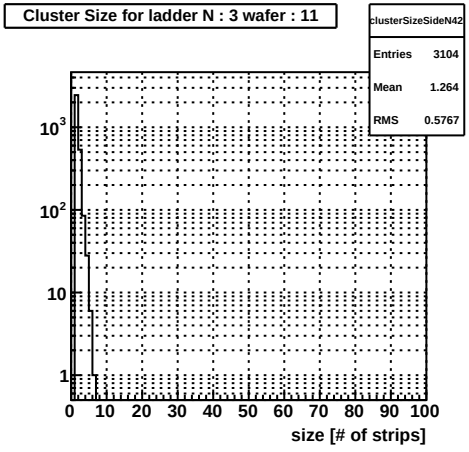

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5228
Mean 1.271
RMS 0.6396
size [# of strips]

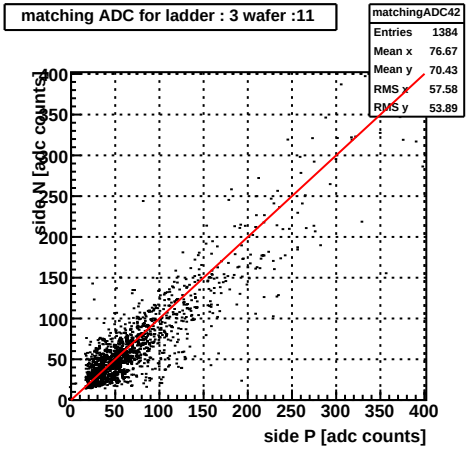

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1728
Mean x 77.98
Mean y 74.13
RMS x 58.89
RMS y 55.69
side N [adc counts]
side P [adc counts]

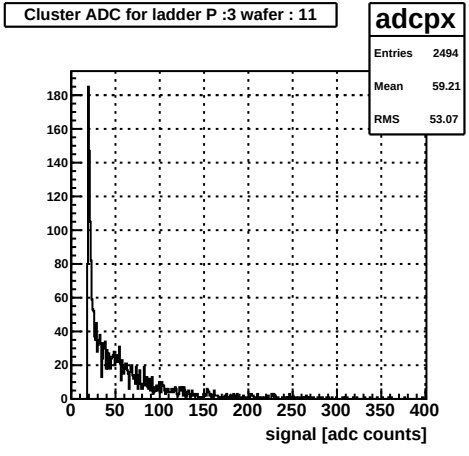

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3006
Mean 60.23
RMS 58.55
signal [adc counts]

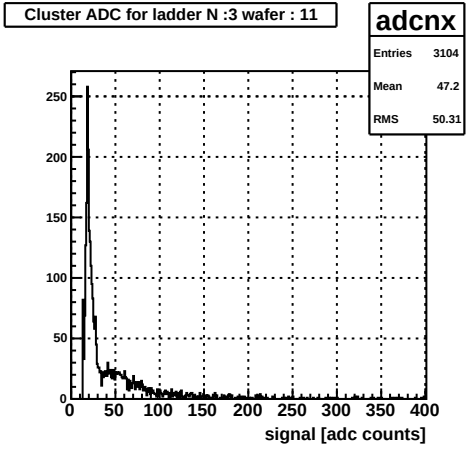

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5228
Mean 40.94
RMS 44.6
signal [adc counts]

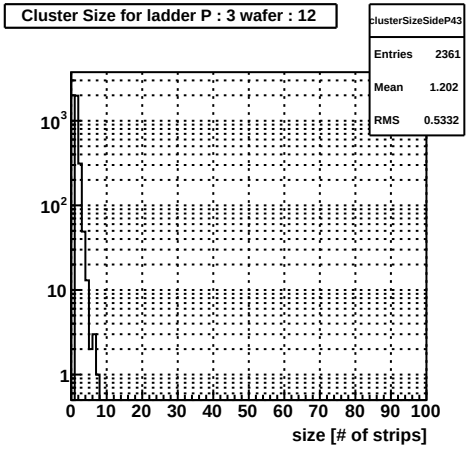

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2494
Mean 1.256
RMS 0.5597
size [# of strips]

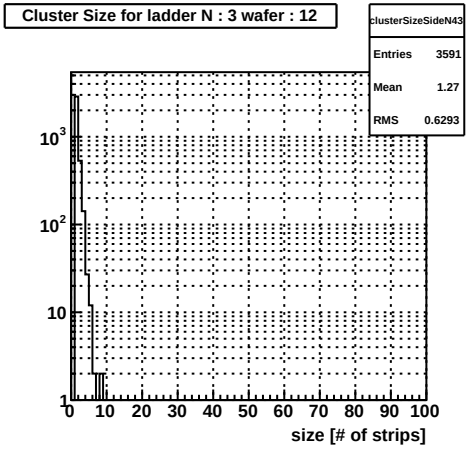

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3104
Mean 1.264
RMS 0.5767
size [# of strips]

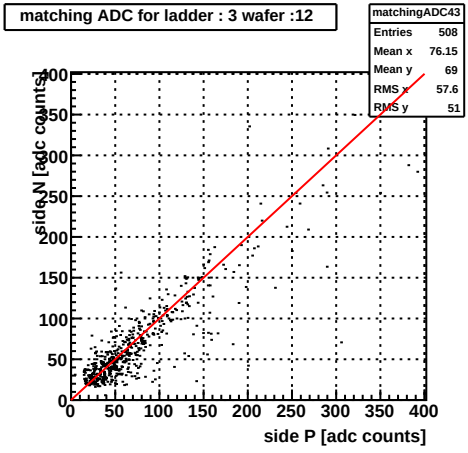

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1384
Mean x 76.67
Mean y 70.43
RMS x 57.58
RMS y 53.89
side N [adc counts]
side P [adc counts]

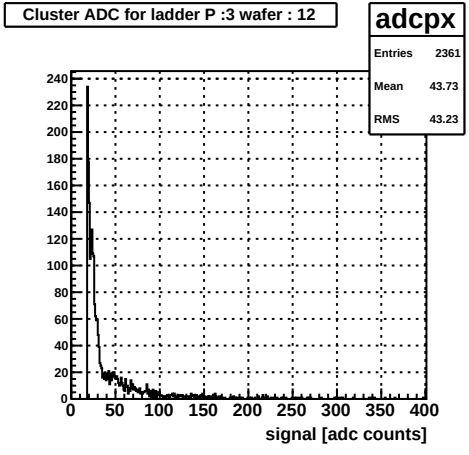

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2494
Mean 59.21
RMS 53.07
signal [adc counts]

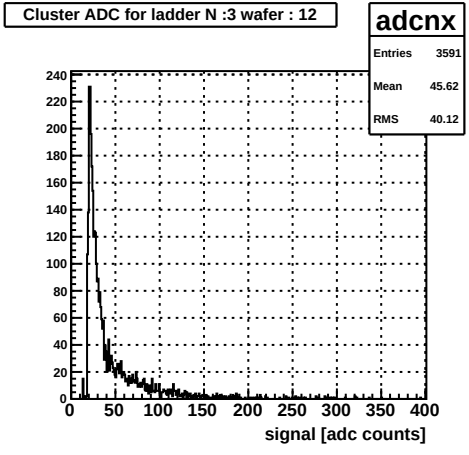

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3104
Mean 47.2
RMS 50.31
signal [adc counts]

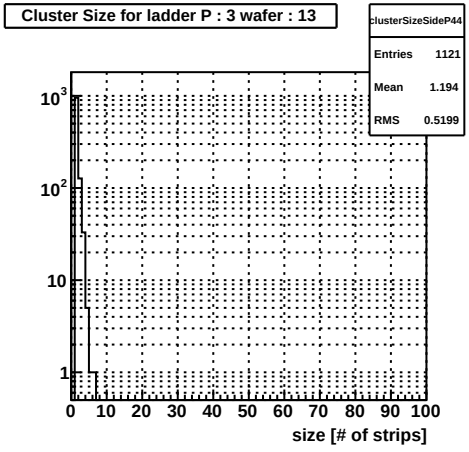

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 2361
Mean 1.202
RMS 0.5332
size [# of strips]

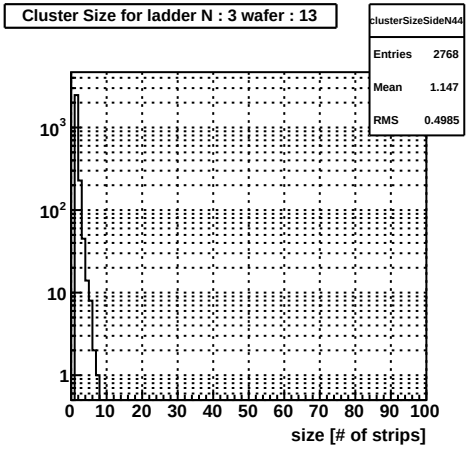

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3591
Mean 1.27
RMS 0.6293
size [# of strips]

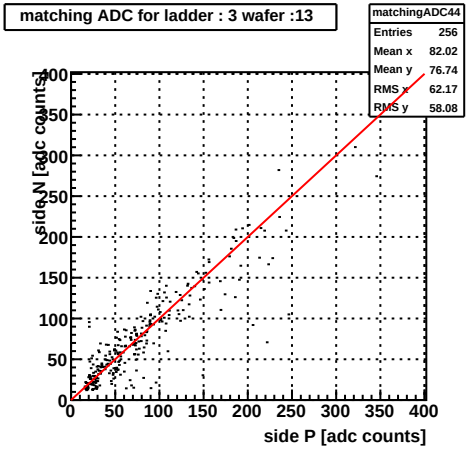

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 508
Mean x 76.15
Mean y 69
RMS x 57.6
RMS y 51
side N [adc counts]
side P [adc counts]

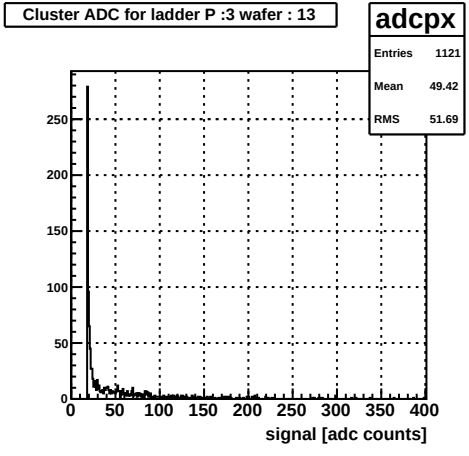

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 2361
Mean 43.73
RMS 43.23
signal [adc counts]

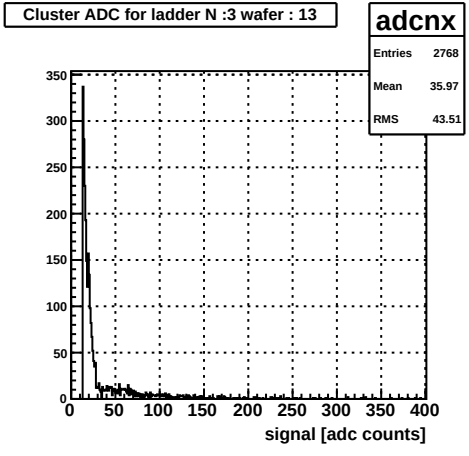

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3591
Mean 45.62
RMS 40.12
signal [adc counts]

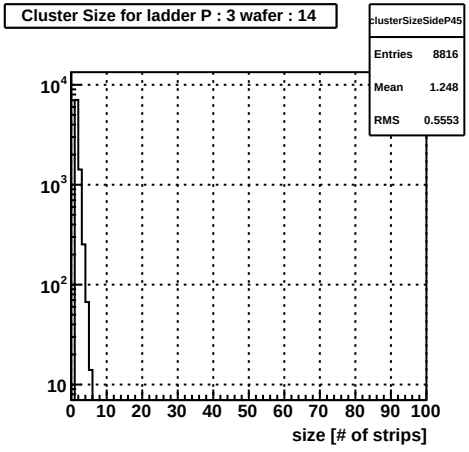

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1121
Mean 1.194
RMS 0.5199
size [# of strips]

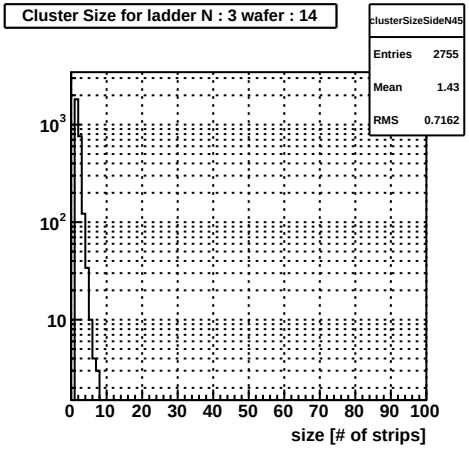

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2768
Mean 1.147
RMS 0.4985
size [# of strips]

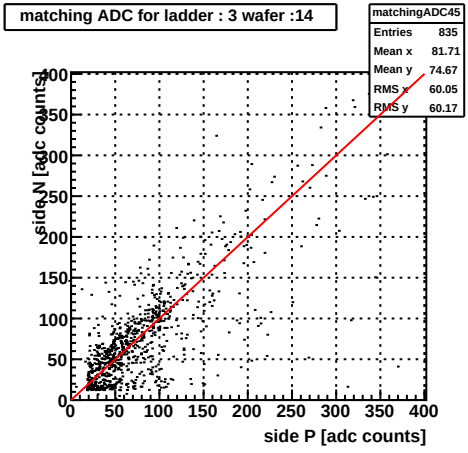

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 256
Mean x 82.02
Mean y 76.74
RMS x 62.17
RMS y 58.08
side N [adc counts]
side P [adc counts]

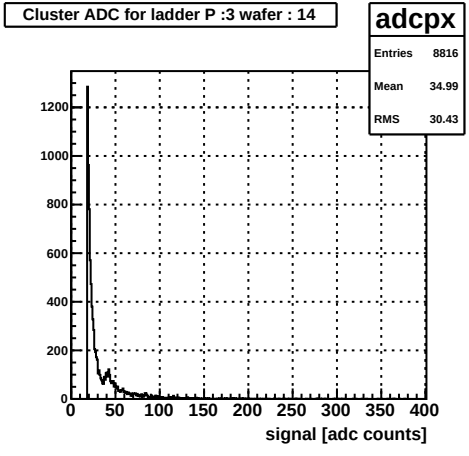

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1121
Mean 49.42
RMS 51.69
signal [adc counts]

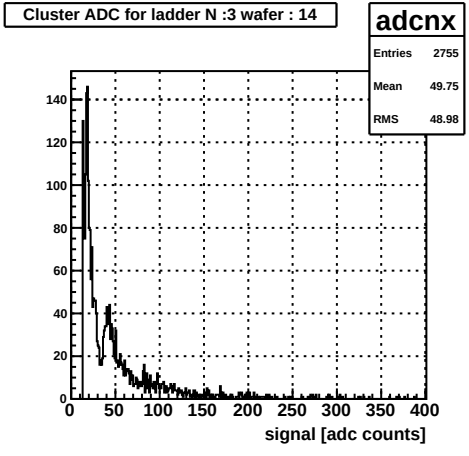

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2768
Mean 35.97
RMS 43.51
signal [adc counts]

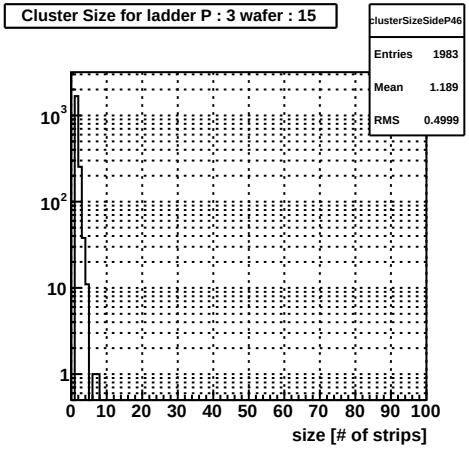

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8816
Mean 1.248
RMS 0.5553
size [# of strips]

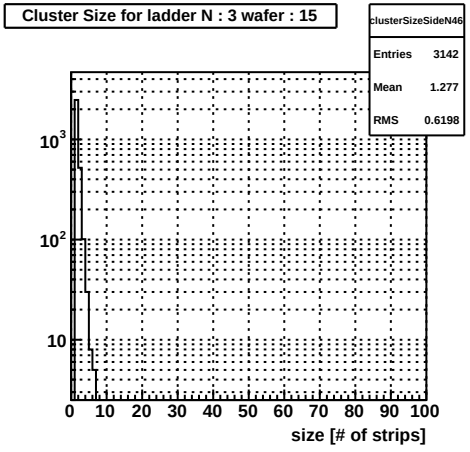

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2755
Mean 1.43
RMS 0.7162
size [# of strips]

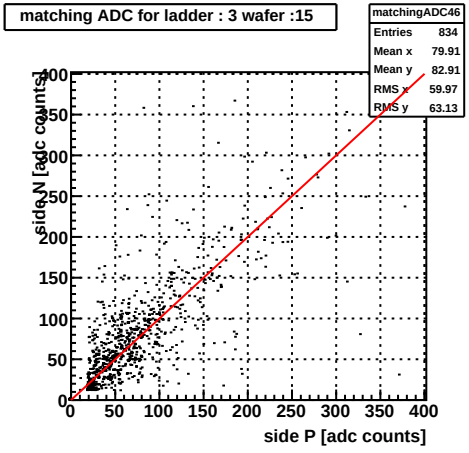

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 835
Mean x 81.71
Mean y 74.67
RMS x 60.05
RMS y 60.17
side N [adc counts]
side P [adc counts]

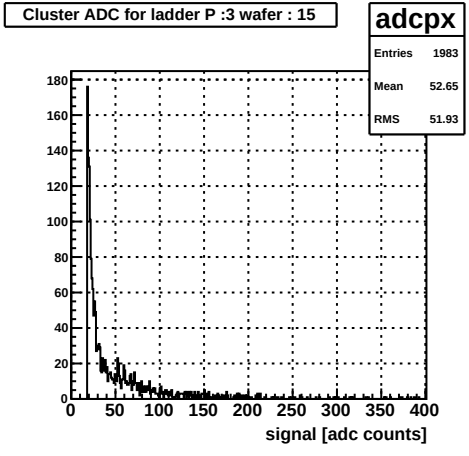

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8816
Mean 34.99
RMS 30.43
signal [adc counts]

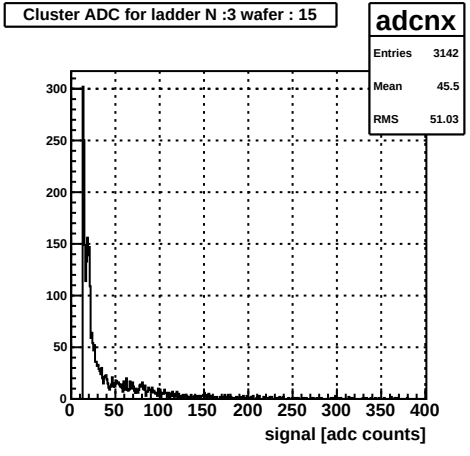

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2755
Mean 49.75
RMS 48.98
signal [adc counts]

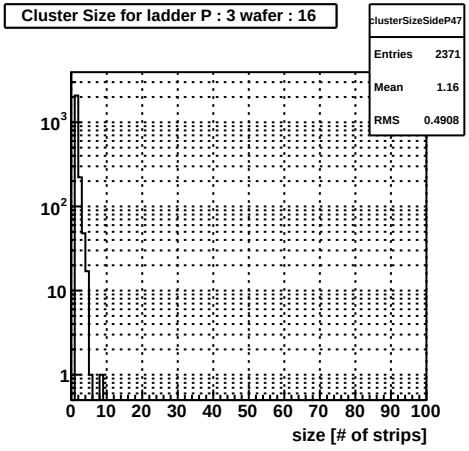

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1983
Mean 1.189
RMS 0.4999
size [# of strips]

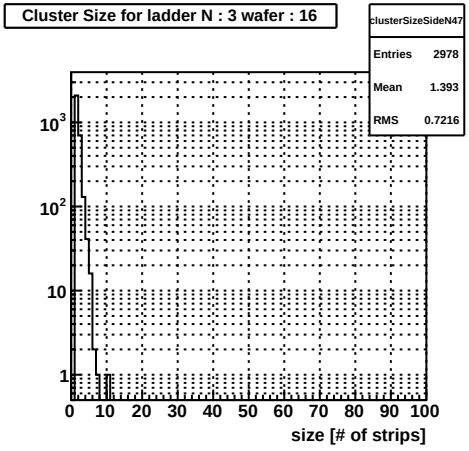

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3142
Mean 1.277
RMS 0.6198
size [# of strips]

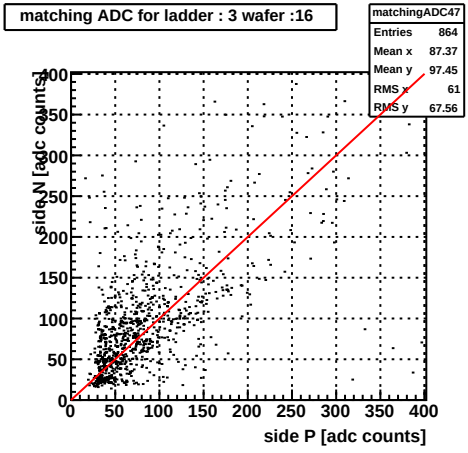

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 834
Mean x 79.91
Mean y 82.91
RMS x 59.97
RMS y 63.13
side N [adc counts]
side P [adc counts]

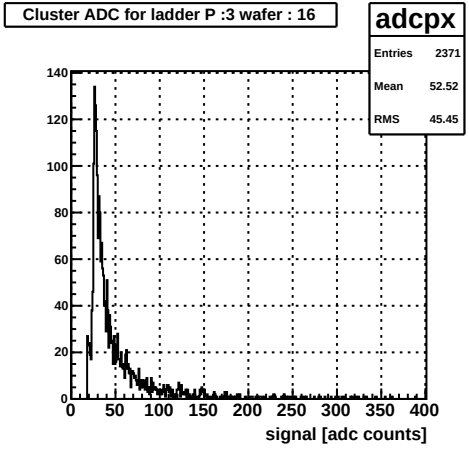

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1983
Mean 52.65
RMS 51.93
signal [adc counts]

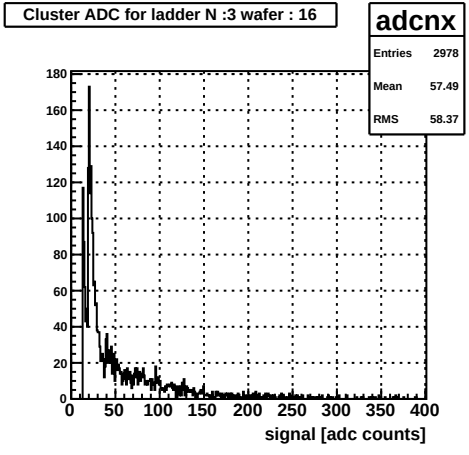

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3142
Mean 45.5
RMS 51.03
signal [adc counts]

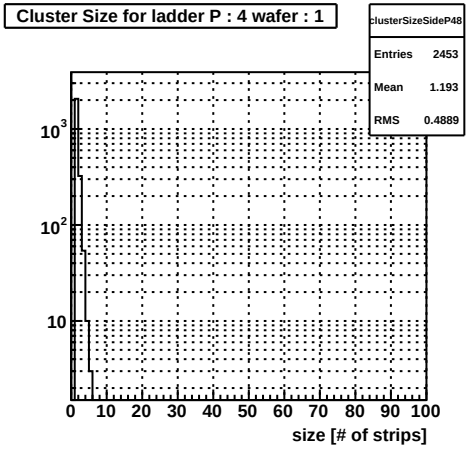

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2371
Mean 1.16
RMS 0.4908
size [# of strips]

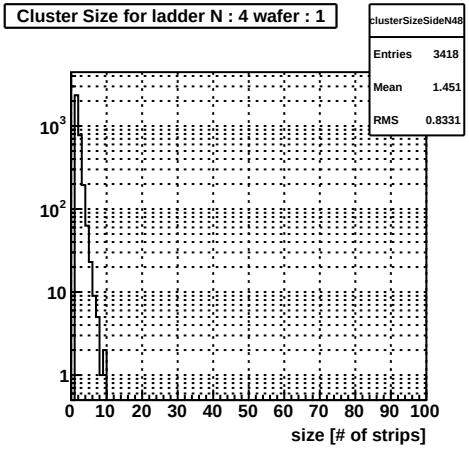

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2978
Mean 1.393
RMS 0.7216
size [# of strips]

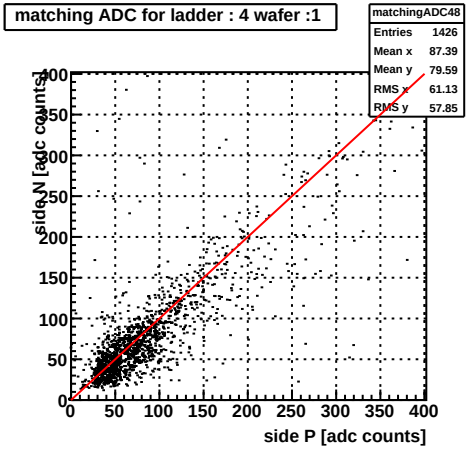

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 864
Mean x 87.37
Mean y 97.45
RMS x 61
RMS y 67.56
side N [adc counts]
side P [adc counts]

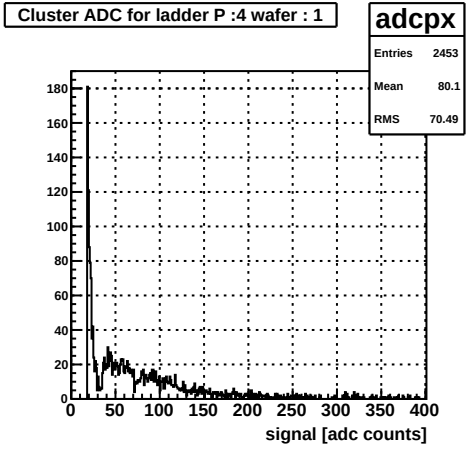

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2371
Mean 52.52
RMS 45.45
signal [adc counts]

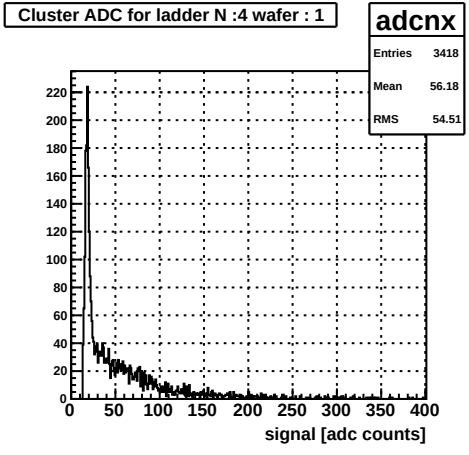

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2978
Mean 57.49
RMS 58.37
signal [adc counts]

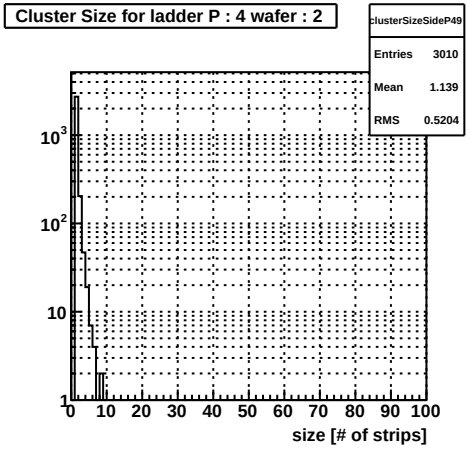

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2453
Mean 1.193
RMS 0.4889
size [# of strips]

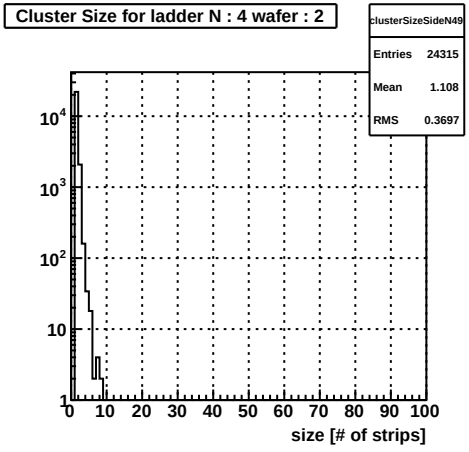

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3418
Mean 1.451
RMS 0.8331
size [# of strips]

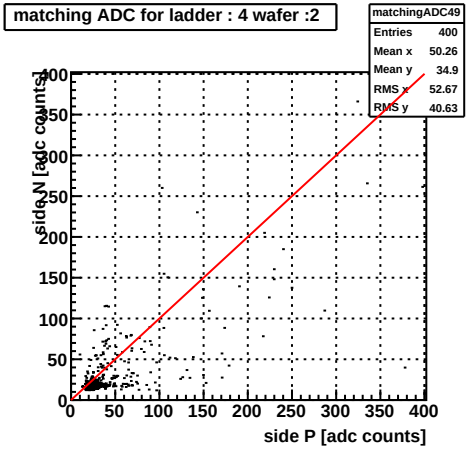

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1426
Mean x 87.39
Mean y 79.59
RMS x 61.13
RMS y 57.85
side N [adc counts]
side P [adc counts]

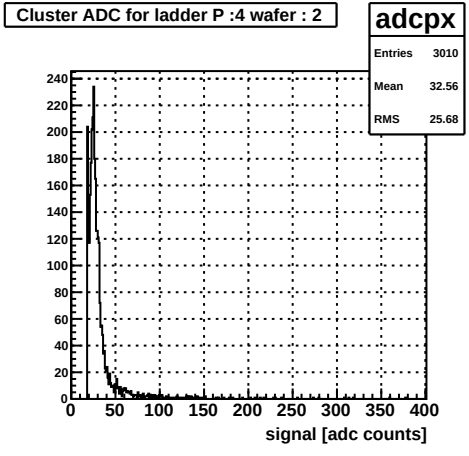

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2453
Mean 80.1
RMS 70.49
signal [adc counts]

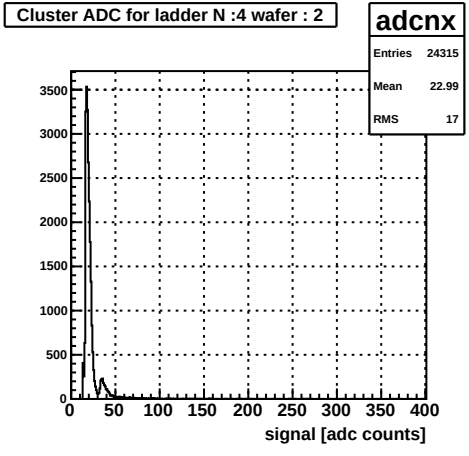

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3418
Mean 56.18
RMS 54.51
signal [adc counts]

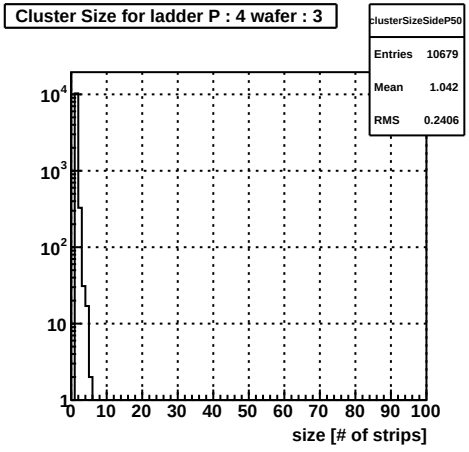

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3010
Mean 1.139
RMS 0.5204
size [# of strips]

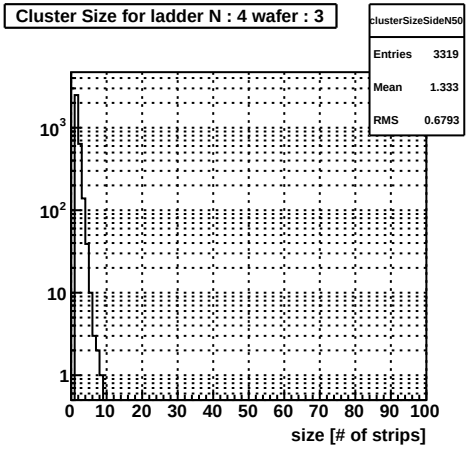

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 24315
Mean 1.108
RMS 0.3697
size [# of strips]

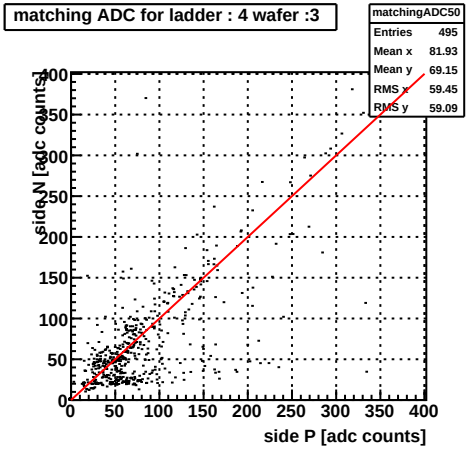

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 400
Mean x 50.26
Mean y 34.9
RMS x 52.67
RMS y 40.63
side N [adc counts]
side P [adc counts]

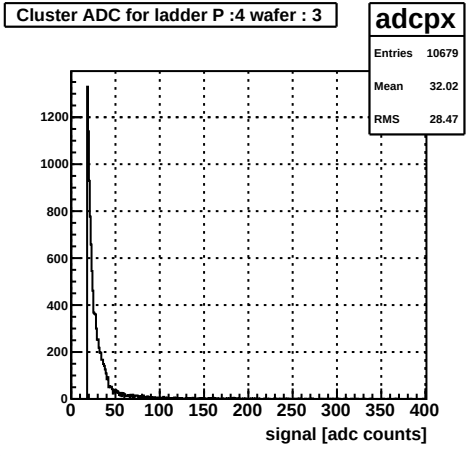

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3010
Mean 32.56
RMS 25.68
signal [adc counts]

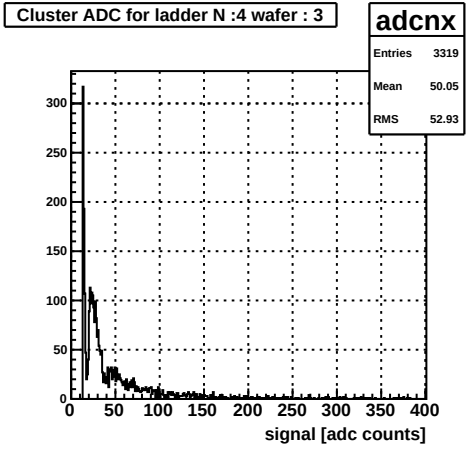

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 24315
Mean 22.99
RMS 17
signal [adc counts]

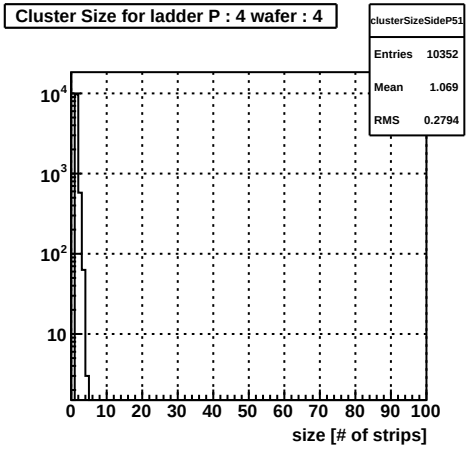

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10679
Mean 1.042
RMS 0.2406
size [# of strips]

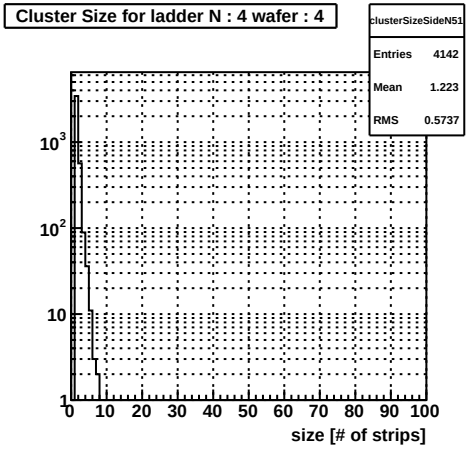

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3319
Mean 1.333
RMS 0.6793
size [# of strips]

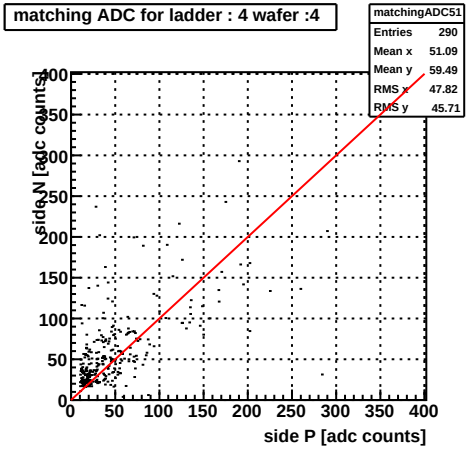

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 495
Mean x 81.93
Mean y 69.15
RMS x 59.45
RMS y 59.09
side N [adc counts]
side P [adc counts]

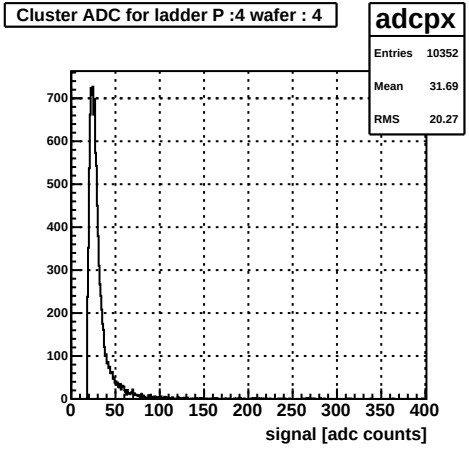

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10679
Mean 32.02
RMS 28.47
signal [adc counts]

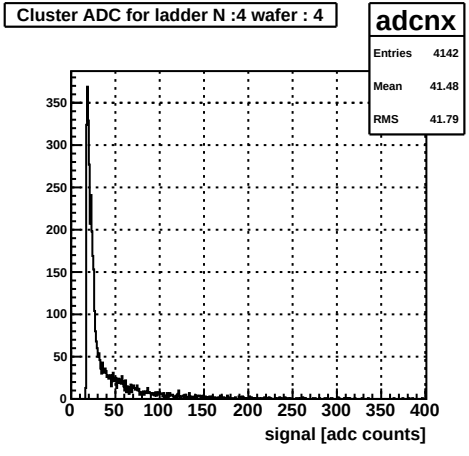

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3319
Mean 50.05
RMS 52.93
signal [adc counts]

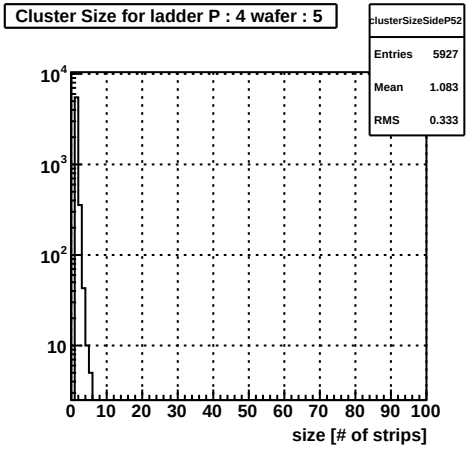

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10352
Mean 1.069
RMS 0.2794
size [# of strips]

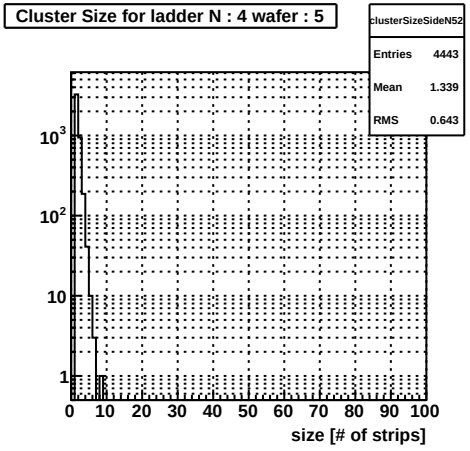

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4142
Mean 1.223
RMS 0.5737
size [# of strips]

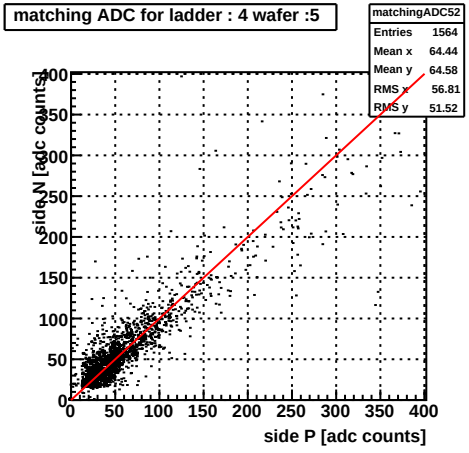

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 290
Mean x 51.09
Mean y 59.49
RMS x 47.82
RMS y 45.71
side N [adc counts]
side P [adc counts]

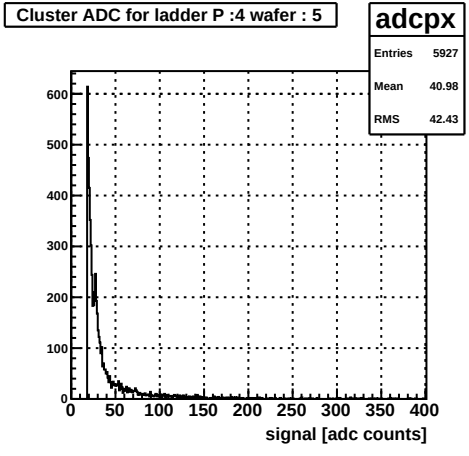

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10352
Mean 31.69
RMS 20.27
signal [adc counts]

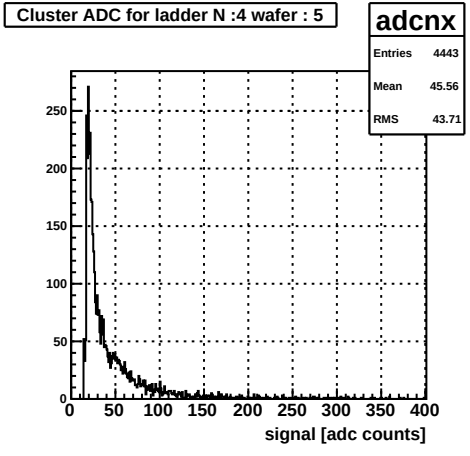

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4142
Mean 41.48
RMS 41.79
signal [adc counts]

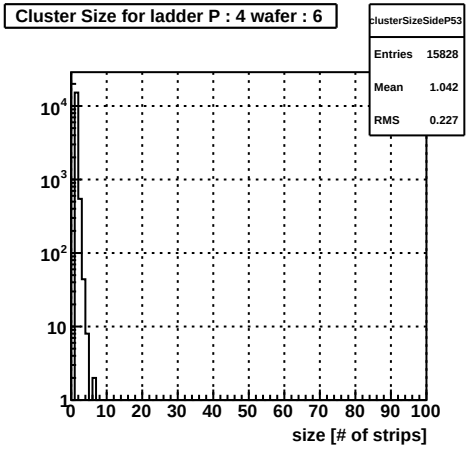

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5927
Mean 1.083
RMS 0.333
size [# of strips]

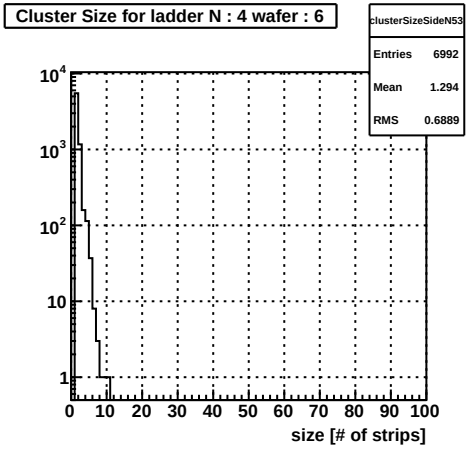

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4443
Mean 1.339
RMS 0.643
size [# of strips]

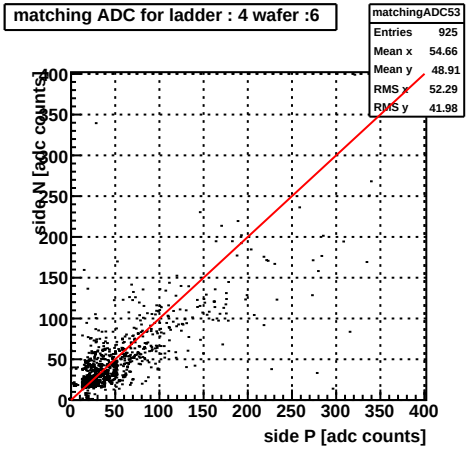

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1564
Mean x 64.44
Mean y 64.58
RMS x 56.81
RMS y 51.52
side N [adc counts]
side P [adc counts]

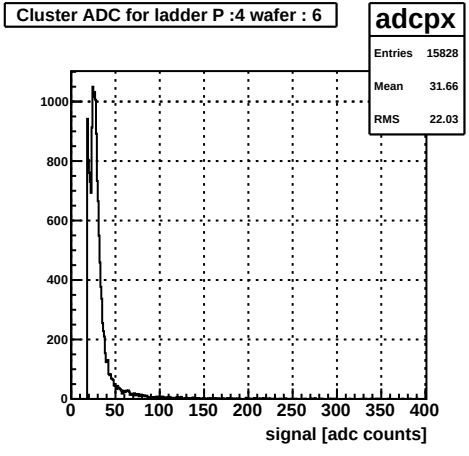

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5927
Mean 40.98
RMS 42.43
signal [adc counts]

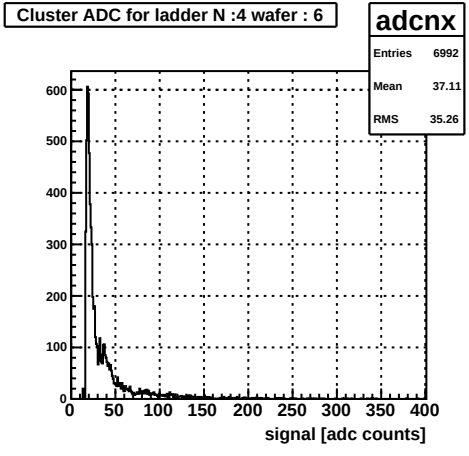

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4443
Mean 45.56
RMS 43.71
signal [adc counts]

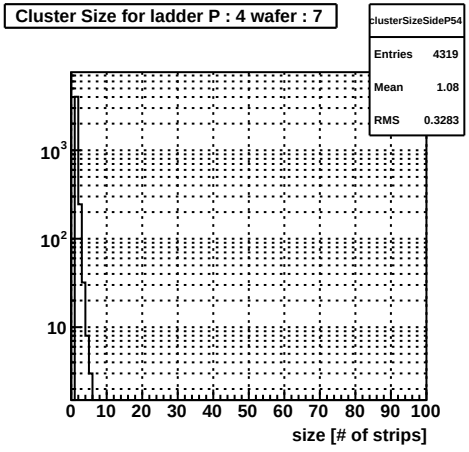

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15828
Mean 1.042
RMS 0.227
size [# of strips]

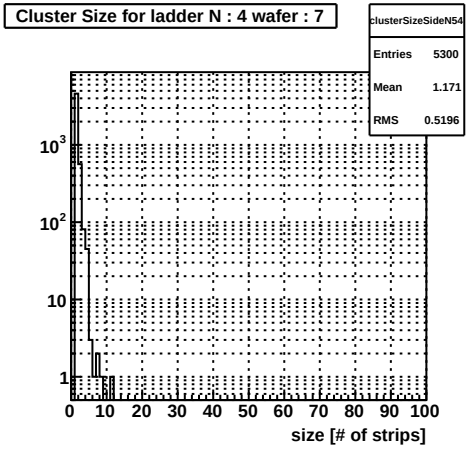

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6992
Mean 1.294
RMS 0.6889
size [# of strips]

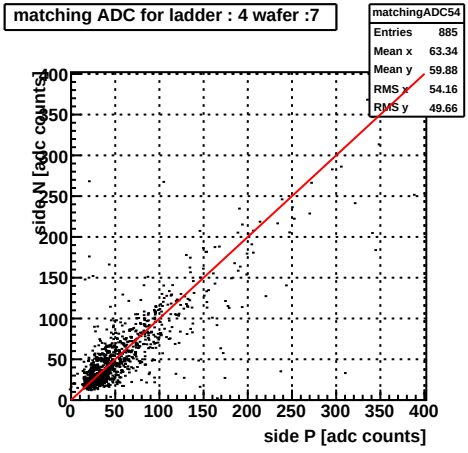

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 925
Mean x 54.66
Mean y 48.91
RMS x 52.29
RMS y 41.98
side N [adc counts]
side P [adc counts]

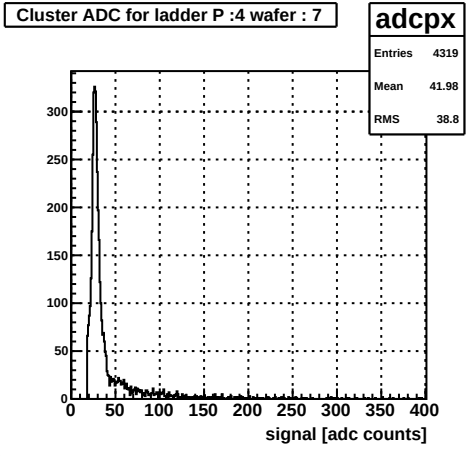

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15828
Mean 31.66
RMS 22.03
signal [adc counts]

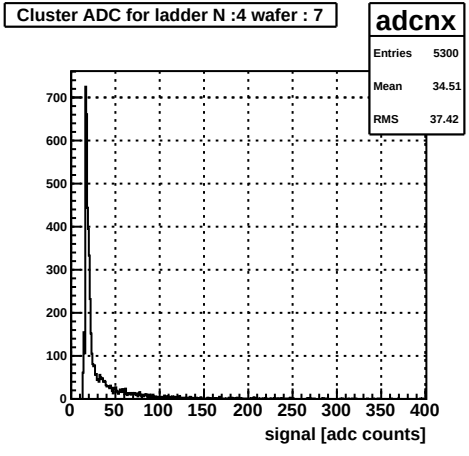

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6992
Mean 37.11
RMS 35.26
signal [adc counts]

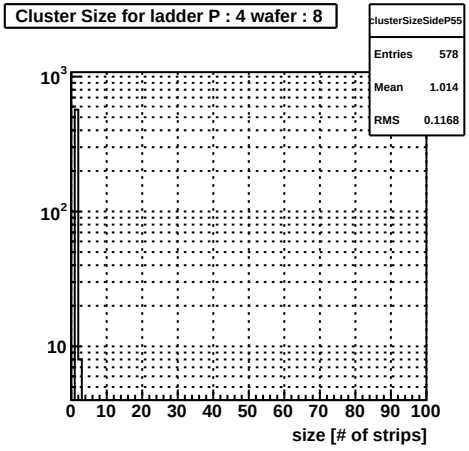

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4319
Mean 1.08
RMS 0.3283
size [# of strips]

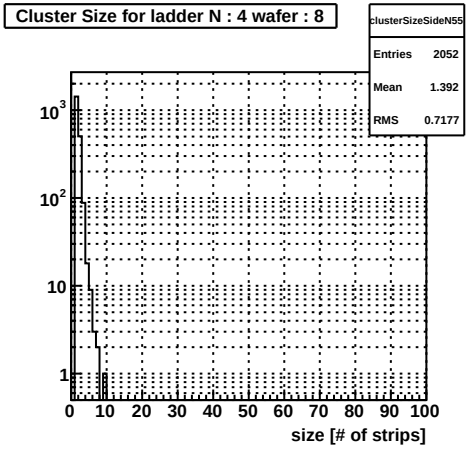

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 5300
Mean 1.171
RMS 0.5196
size [# of strips]

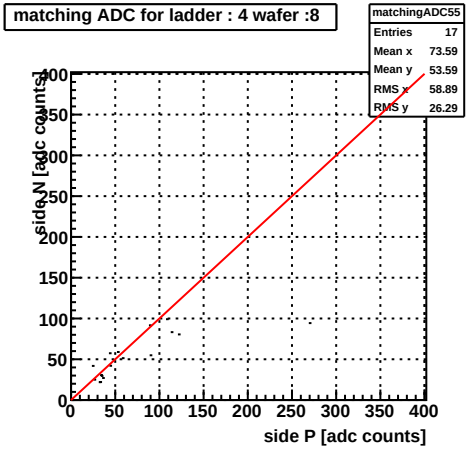

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 885
Mean x 63.34
Mean y 59.88
RMS x 54.16
RMS y 49.66
side N [adc counts]
side P [adc counts]

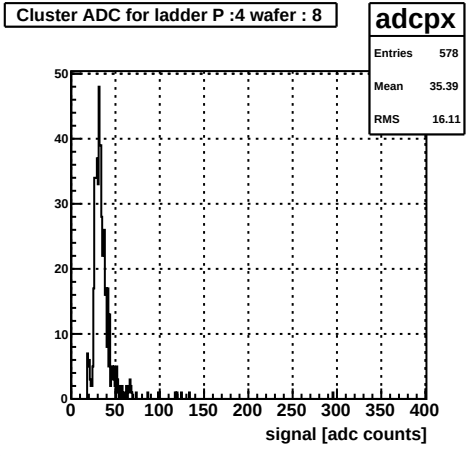

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4319
Mean 41.98
RMS 38.8
signal [adc counts]

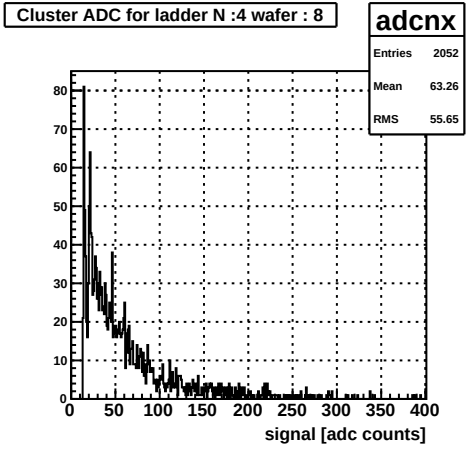

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 5300
Mean 34.51
RMS 37.42
signal [adc counts]

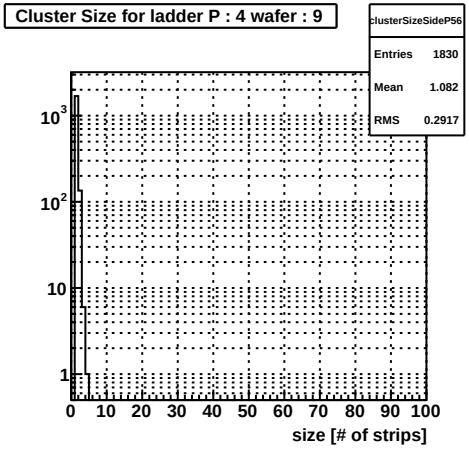

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 578
Mean 1.014
RMS 0.1168
size [# of strips]

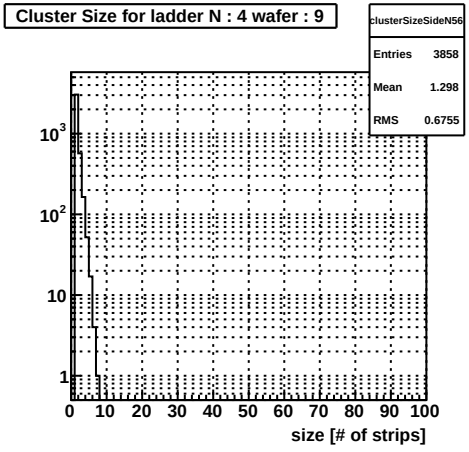

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2052
Mean 1.392
RMS 0.7177
size [# of strips]

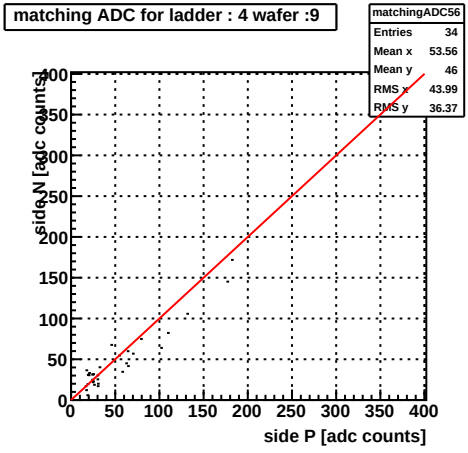

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 17
Mean x 73.59
Mean y 53.59
RMS x 58.89
RMS y 26.29
side N [adc counts]
side P [adc counts]

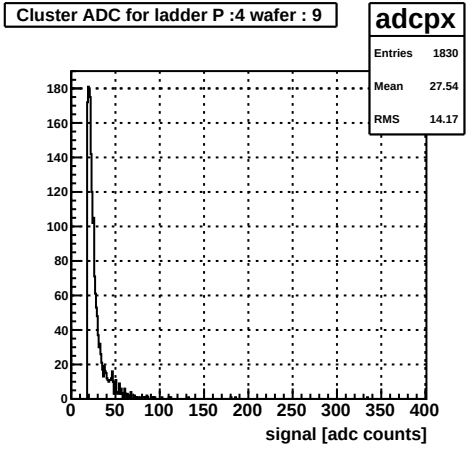

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 578
Mean 35.39
RMS 16.11
signal [adc counts]

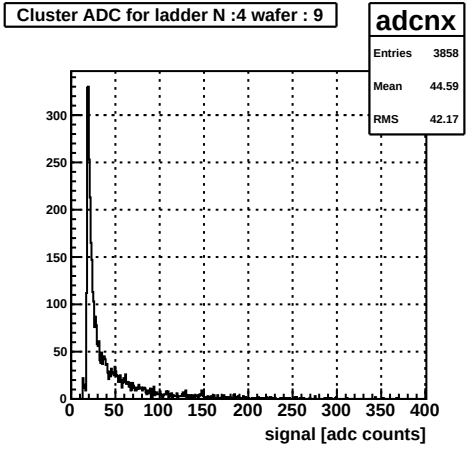

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2052
Mean 63.26
RMS 55.65
signal [adc counts]

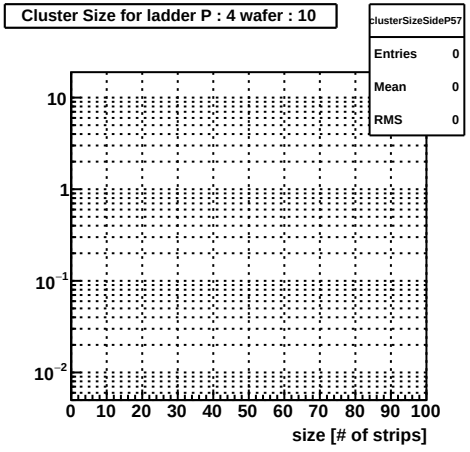

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1830
Mean 1.082
RMS 0.2917
size [# of strips]

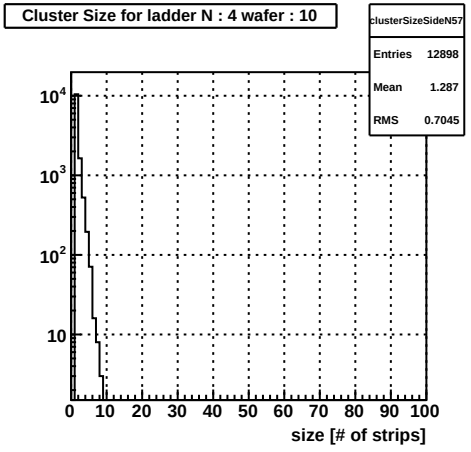

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3858
Mean 1.298
RMS 0.6755
size [# of strips]

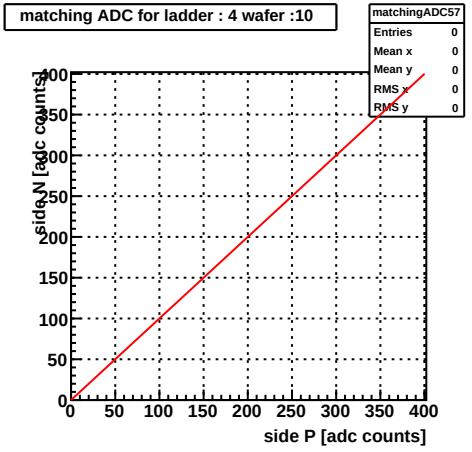

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 34
Mean x 53.56
Mean y 46
RMS x 43.99
RMS y 36.37
side N [adc counts]
side P [adc counts]

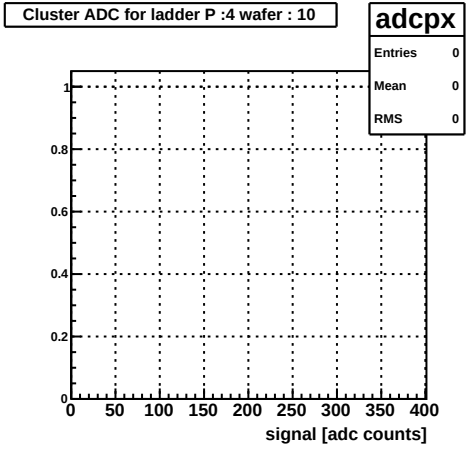

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1830
Mean 27.54
RMS 14.17
signal [adc counts]

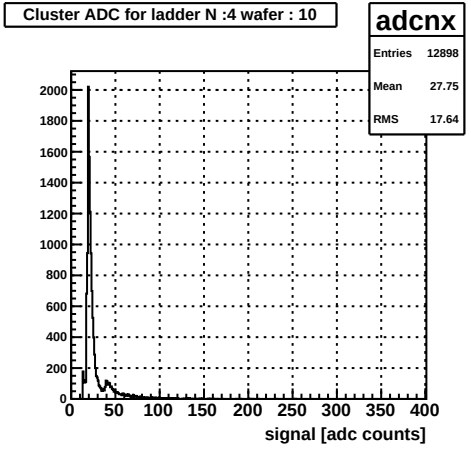

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3858
Mean 44.59
RMS 42.17
signal [adc counts]

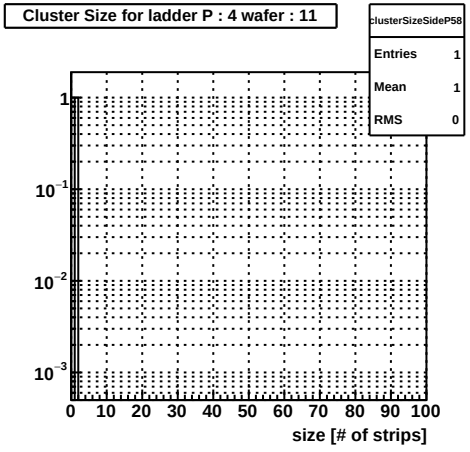

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

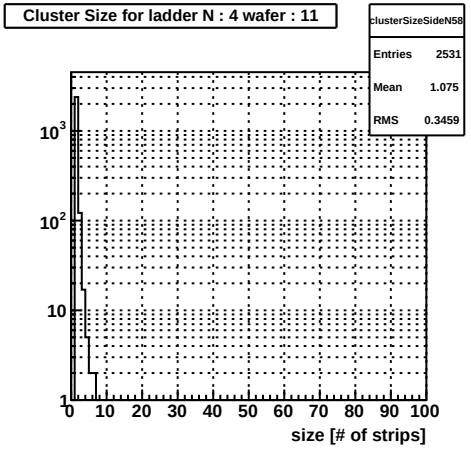

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12898
Mean 1.287
RMS 0.7045
size [# of strips]

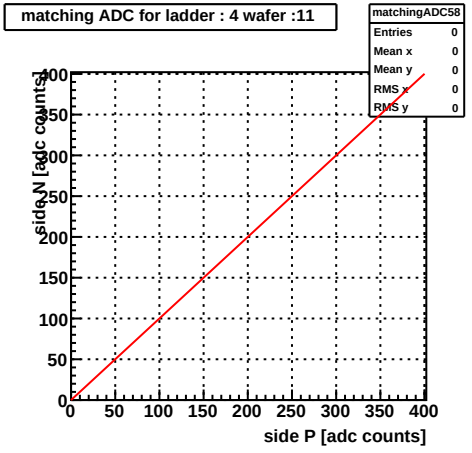

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

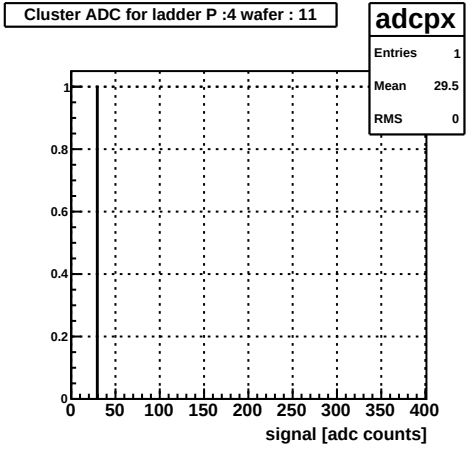

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

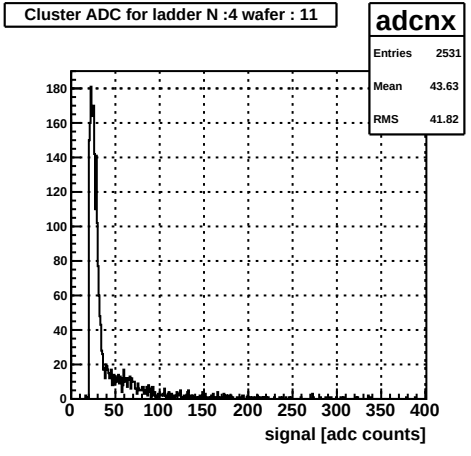

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12898
Mean 27.75
RMS 17.64
signal [adc counts]

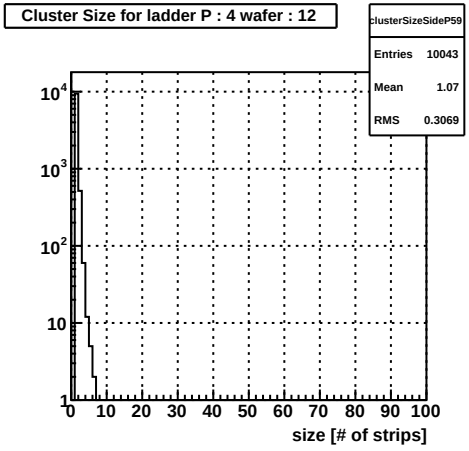

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1
Mean 1
RMS 0
size [# of strips]

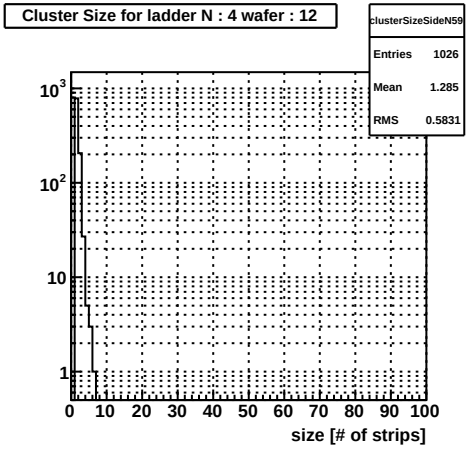

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2531
Mean 1.075
RMS 0.3459
size [# of strips]

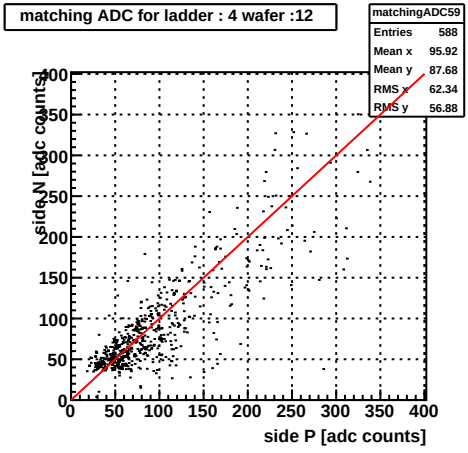

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

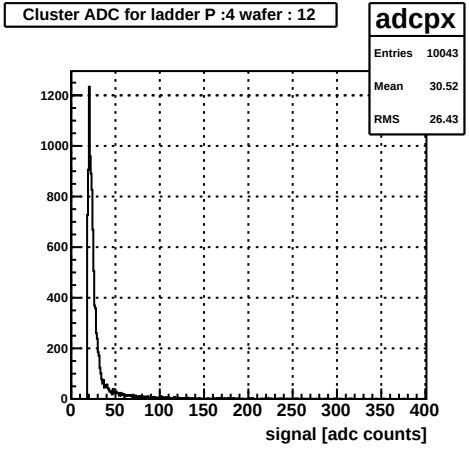

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1
Mean 29.5
RMS 0
signal [adc counts]

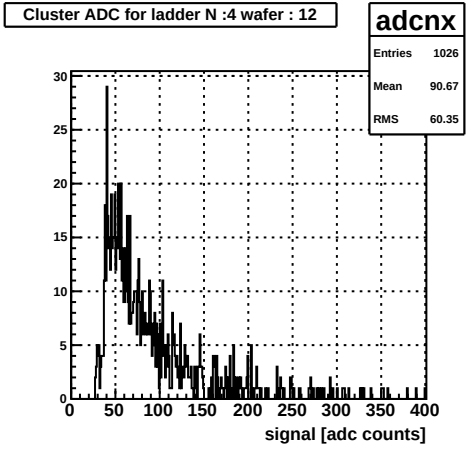

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2531
Mean 43.63
RMS 41.82
signal [adc counts]

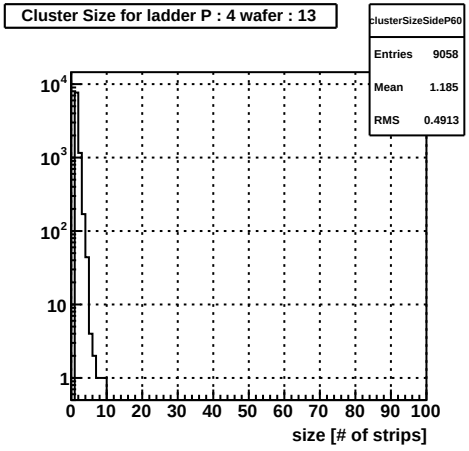

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10043
Mean 1.07
RMS 0.3069
size [# of strips]

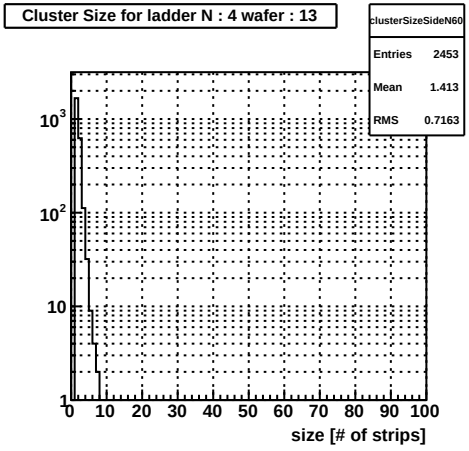

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1026
Mean 1.285
RMS 0.5831
size [# of strips]

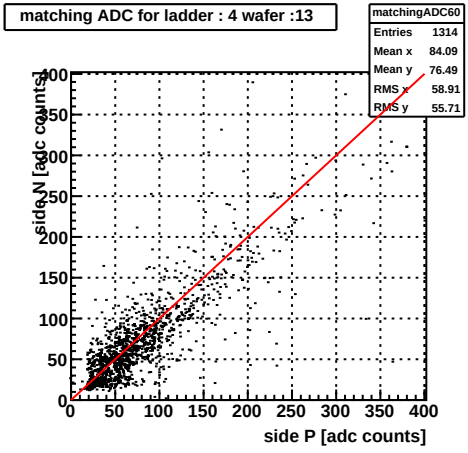

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 588
Mean x 95.92
Mean y 87.68
RMS x 62.34
RMS y 56.88
side N [adc counts]
side P [adc counts]

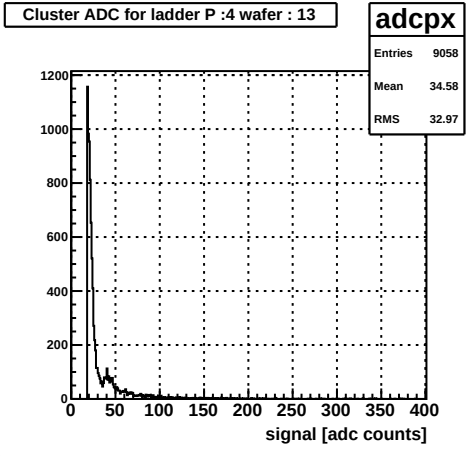

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10043
Mean 30.52
RMS 26.43
signal [adc counts]

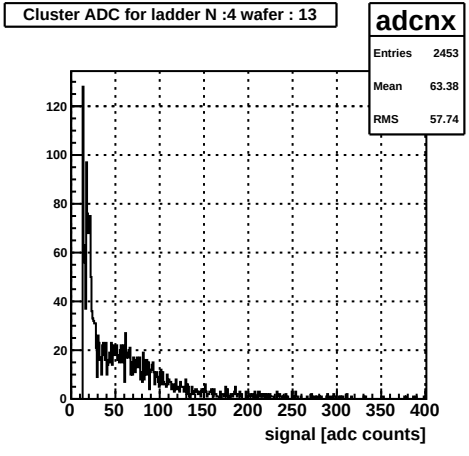

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1026
Mean 90.67
RMS 60.35
signal [adc counts]

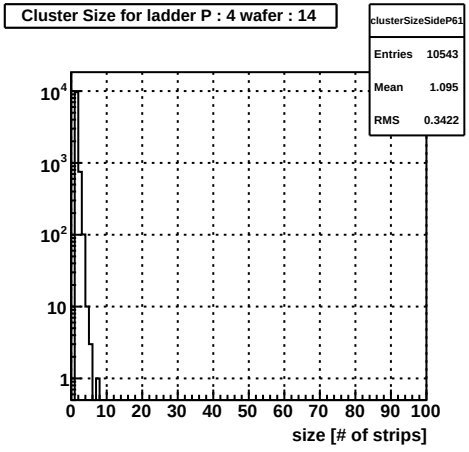

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9058
Mean 1.185
RMS 0.4913
size [# of strips]

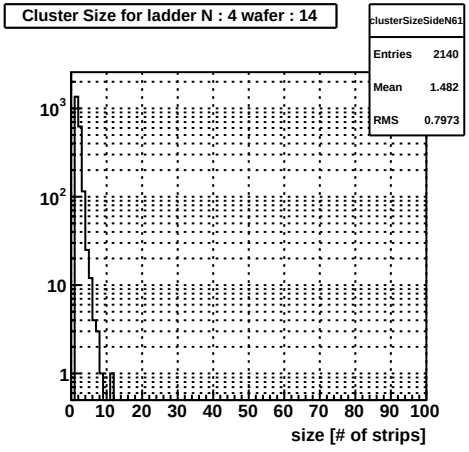

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2453
Mean 1.413
RMS 0.7163
size [# of strips]

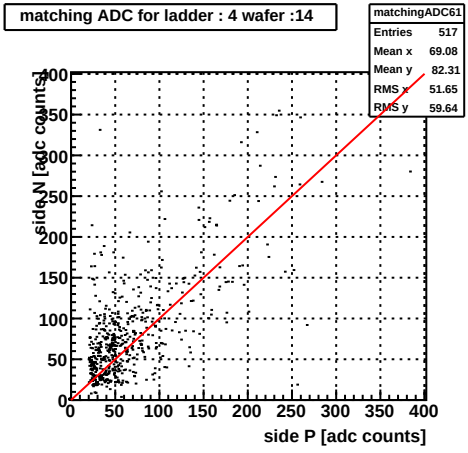

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1314
Mean x 84.09
Mean y 76.49
RMS x 58.91
RMS y 55.71
side N [adc counts]
side P [adc counts]

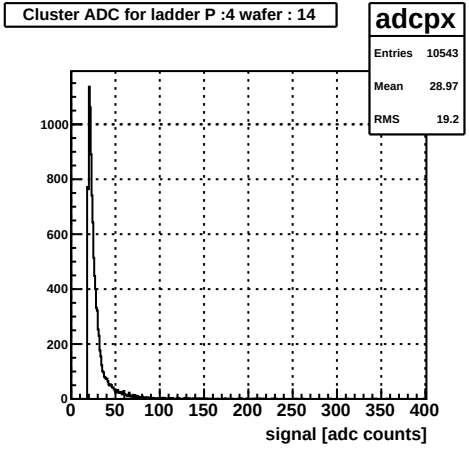

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9058
Mean 34.58
RMS 32.97
signal [adc counts]

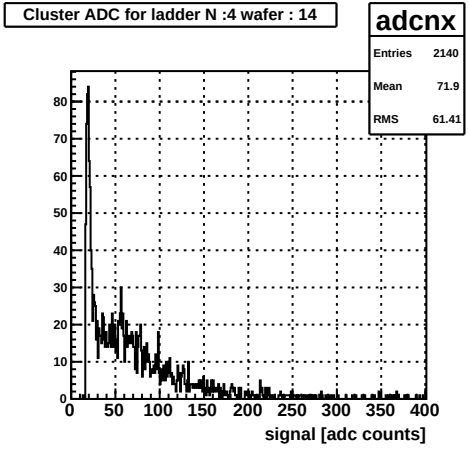

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2453
Mean 63.38
RMS 57.74
signal [adc counts]

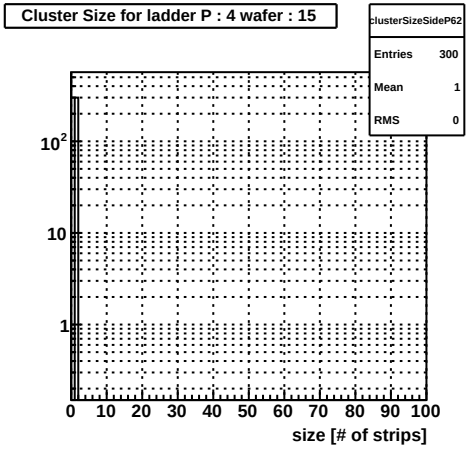

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10543
Mean 1.095
RMS 0.3422
size [# of strips]

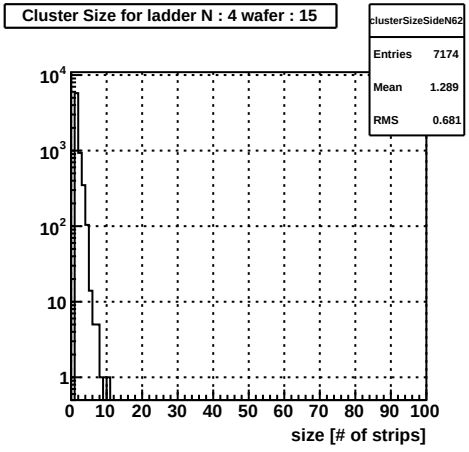

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2140
Mean 1.482
RMS 0.7973
size [# of strips]

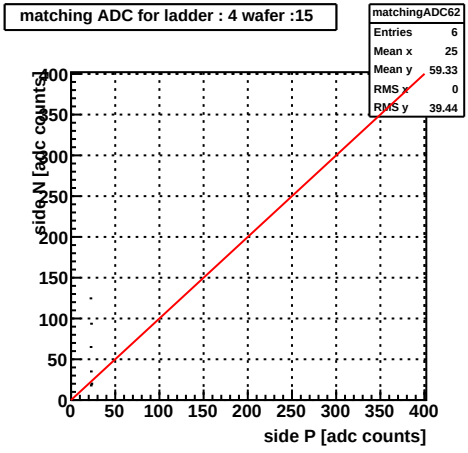

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 517
Mean x 69.08
Mean y 82.31
RMS x 51.65
RMS y 59.64
side N [adc counts]
side P [adc counts]

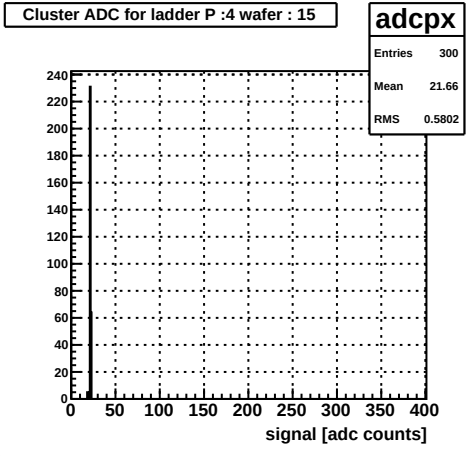

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10543
Mean 28.97
RMS 19.2
signal [adc counts]

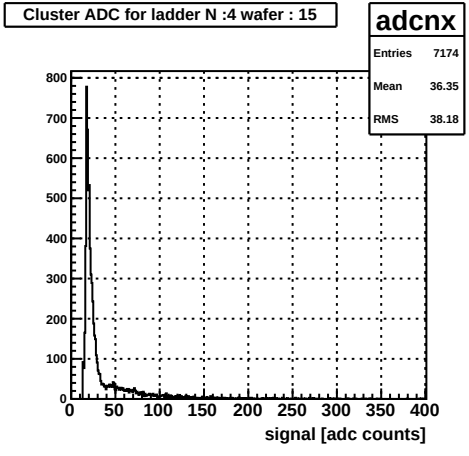

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2140
Mean 71.9
RMS 61.41
signal [adc counts]

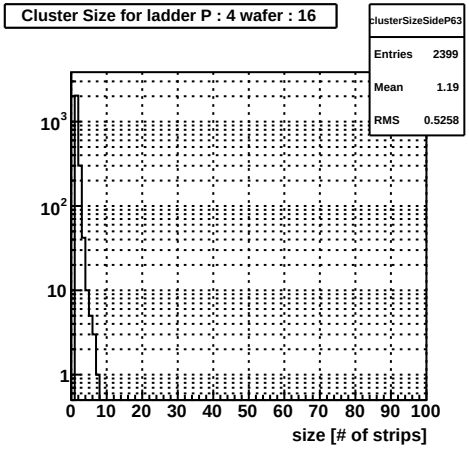

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 300
Mean 1
RMS 0
size [# of strips]

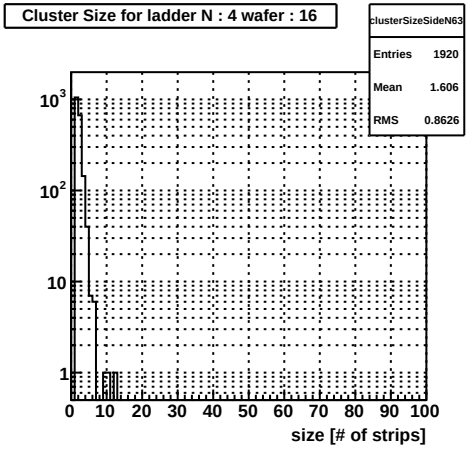

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 7174
Mean 1.289
RMS 0.681
size [# of strips]

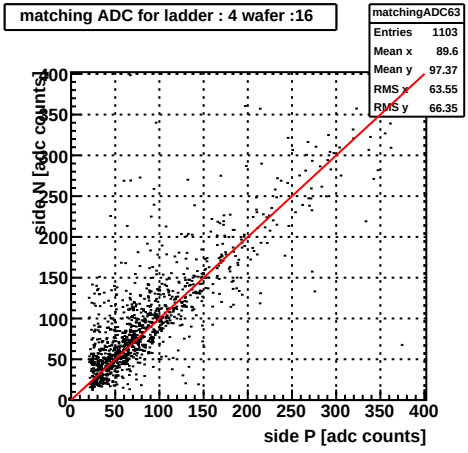

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 6
Mean x 25
Mean y 59.33
RMS x 0
RMS y 39.44
side N [adc counts]
side P [adc counts]

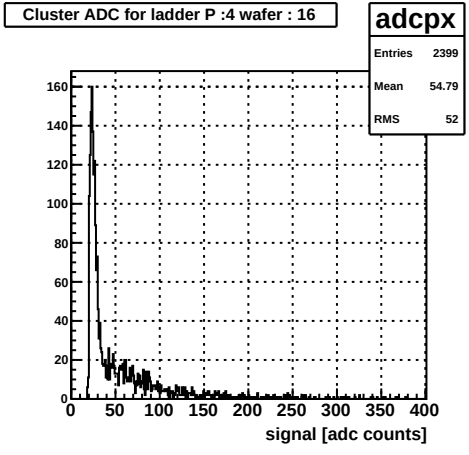

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 300
Mean 21.66
RMS 0.5802
signal [adc counts]

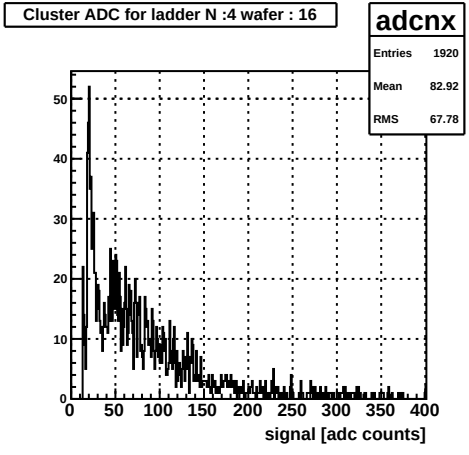

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 7174
Mean 36.35
RMS 38.18
signal [adc counts]

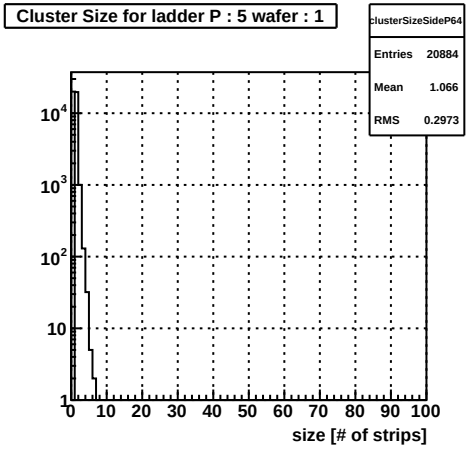

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2399
Mean 1.19
RMS 0.5258
size [# of strips]

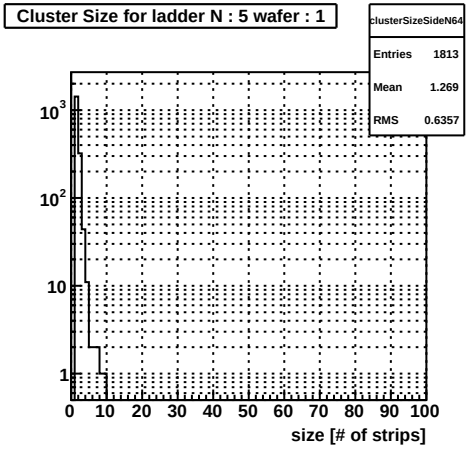

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1920
Mean 1.606
RMS 0.8626
size [# of strips]

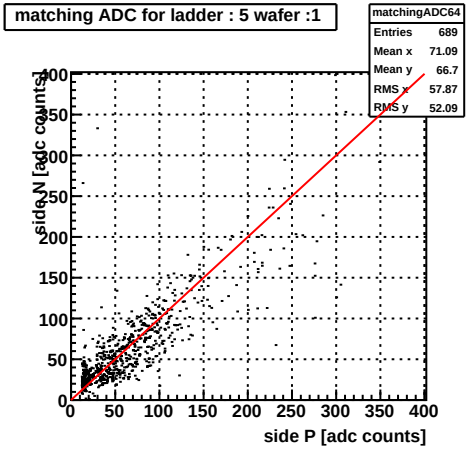

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1103
Mean x 89.6
Mean y 97.37
RMS x 63.55
RMS y 66.35
side N [adc counts]
side P [adc counts]

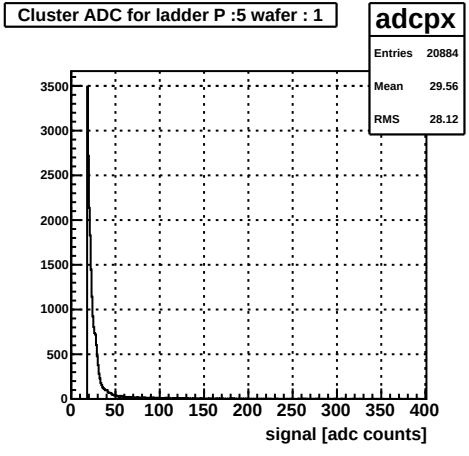

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2399
Mean 54.79
RMS 52
signal [adc counts]

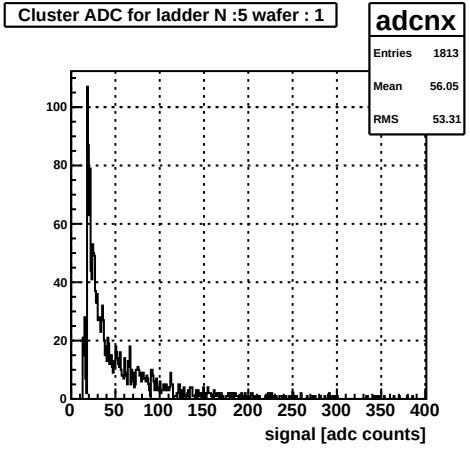

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1920
Mean 82.92
RMS 67.78
signal [adc counts]

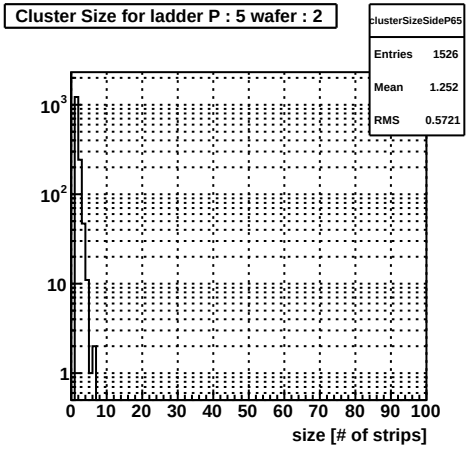

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 20884
Mean 1.066
RMS 0.2973
size [# of strips]

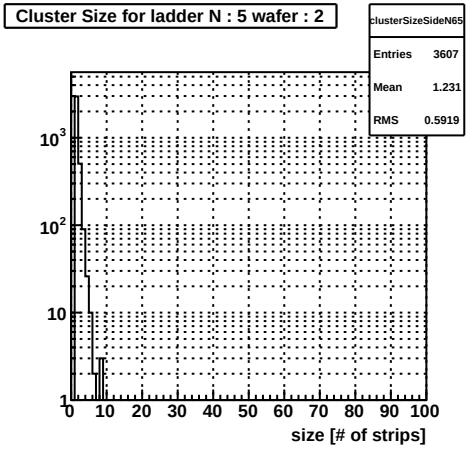

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1813
Mean 1.269
RMS 0.6357
size [# of strips]

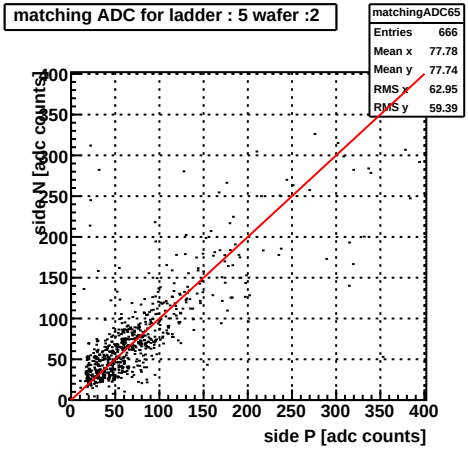

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 689
Mean x 71.09
Mean y 66.7
RMS x 57.87
RMS y 52.09
side N [adc counts]
side P [adc counts]

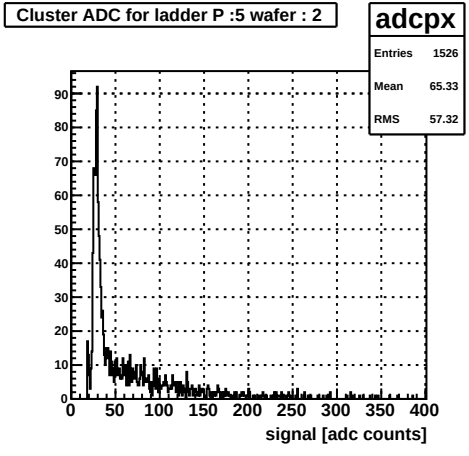

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 20884
Mean 29.56
RMS 28.12
signal [adc counts]

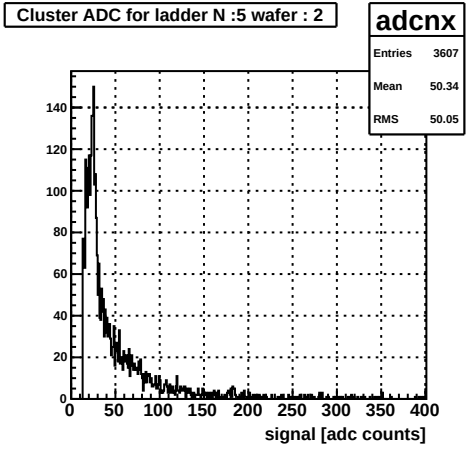

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1813
Mean 56.05
RMS 53.31
signal [adc counts]

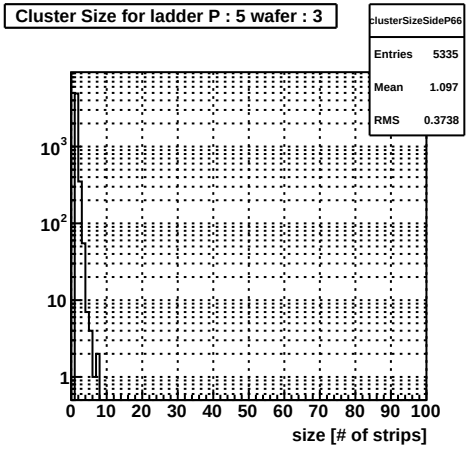

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1526
Mean 1.252
RMS 0.5721
size [# of strips]

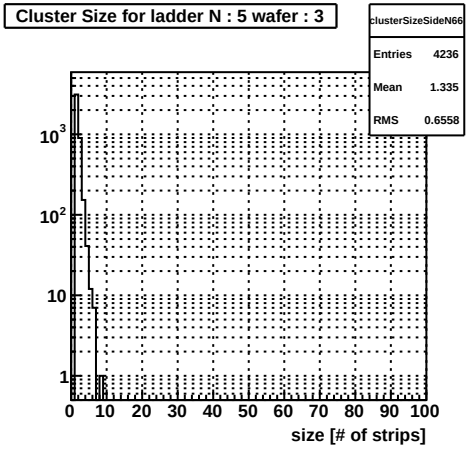

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3607
Mean 1.231
RMS 0.5919
size [# of strips]

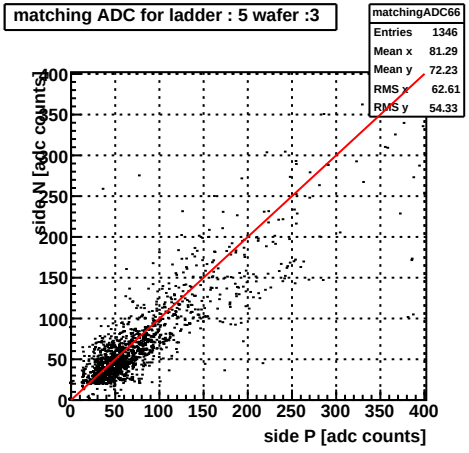

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 666
Mean x 77.78
Mean y 77.74
RMS x 62.95
RMS y 59.39
side N [adc counts]
side P [adc counts]

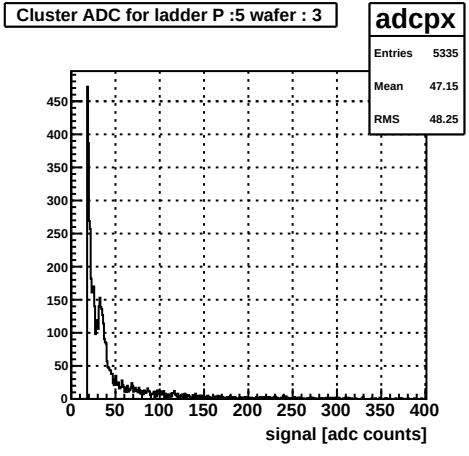

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1526
Mean 65.33
RMS 57.32
signal [adc counts]

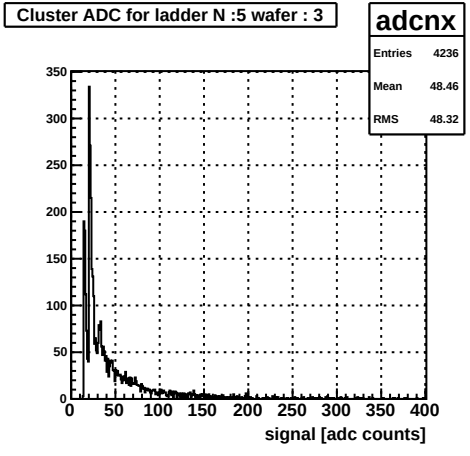

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3607
Mean 50.34
RMS 50.05
signal [adc counts]

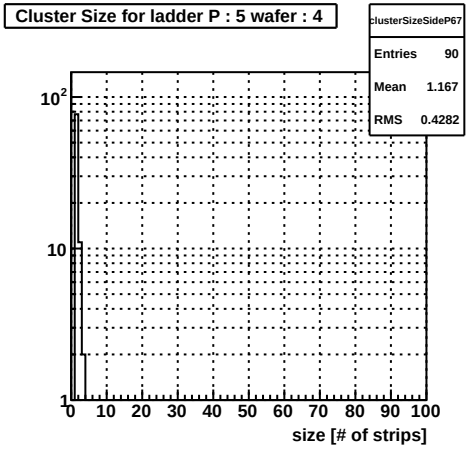

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5335
Mean 1.097
RMS 0.3738
size [# of strips]

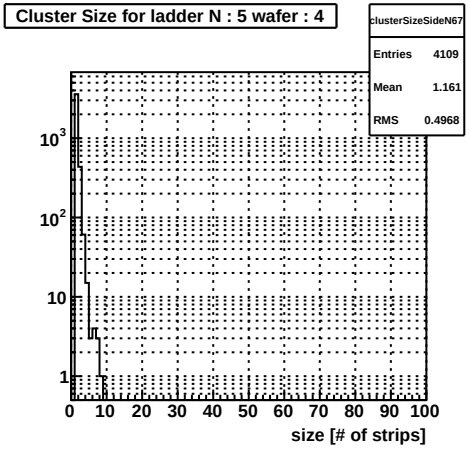

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 4236
Mean 1.335
RMS 0.6558
size [# of strips]

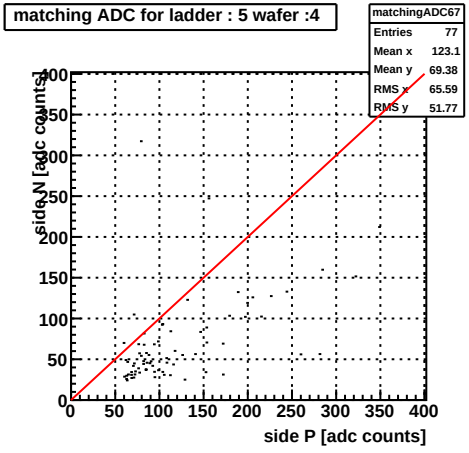

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1346
Mean x 81.29
Mean y 72.23
RMS x 62.61
RMS y 54.33
side N [adc counts]
side P [adc counts]

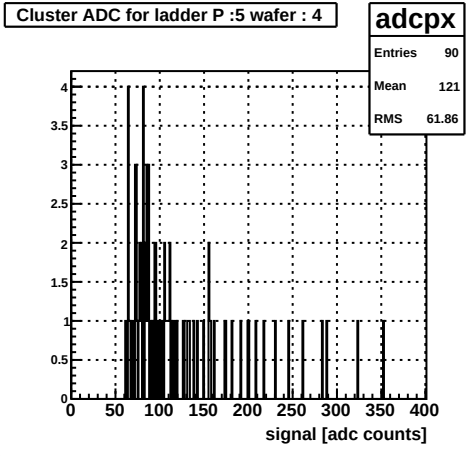

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5335
Mean 47.15
RMS 48.25
signal [adc counts]

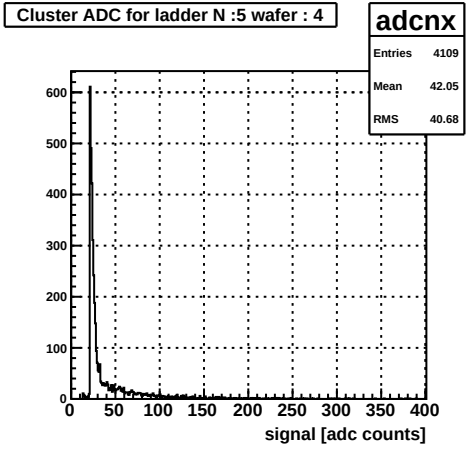

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 4236
Mean 48.46
RMS 48.32
signal [adc counts]

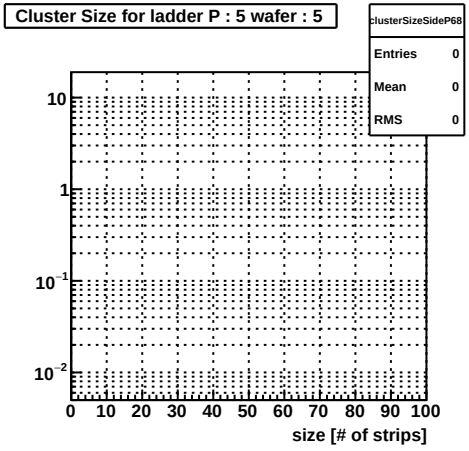

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 90
Mean 1.167
RMS 0.4282
size [# of strips]

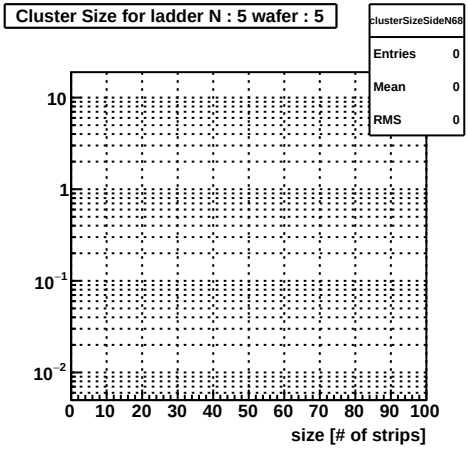

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4109
Mean 1.161
RMS 0.4968
size [# of strips]

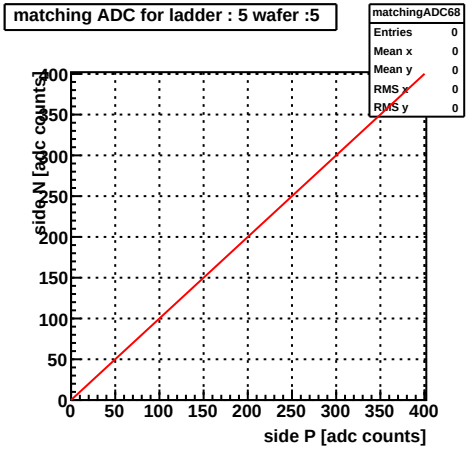

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 77
Mean x 123.1
Mean y 69.38
RMS x 65.59
RMS y 51.77
side N [adc counts]
side P [adc counts]

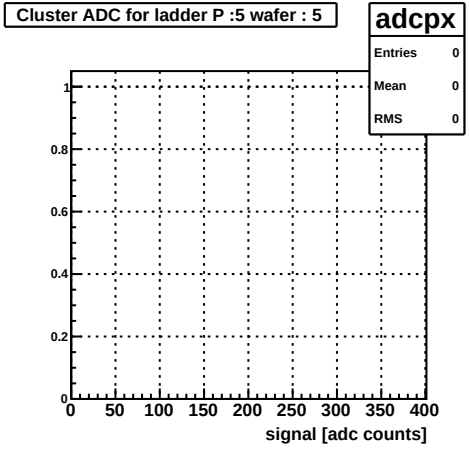

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 90
Mean 121
RMS 61.86
signal [adc counts]

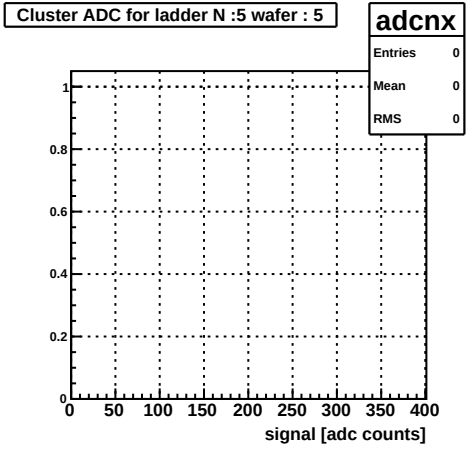

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4109
Mean 42.05
RMS 40.68
signal [adc counts]

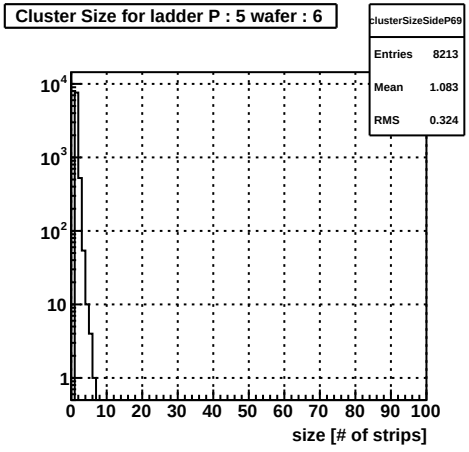

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 0
Mean 0
RMS 0
size [# of strips]

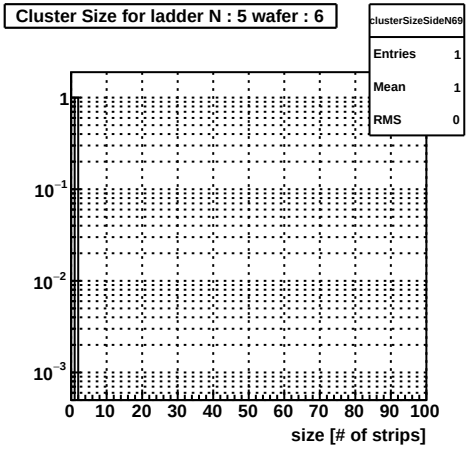

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

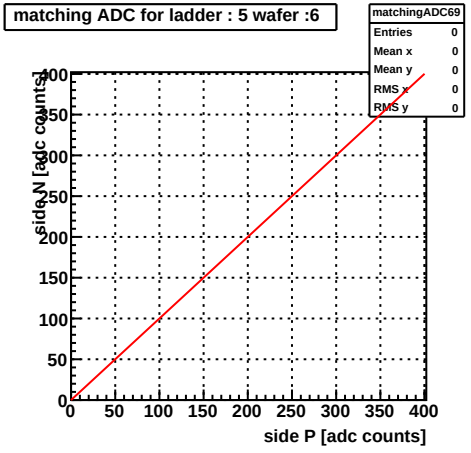

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

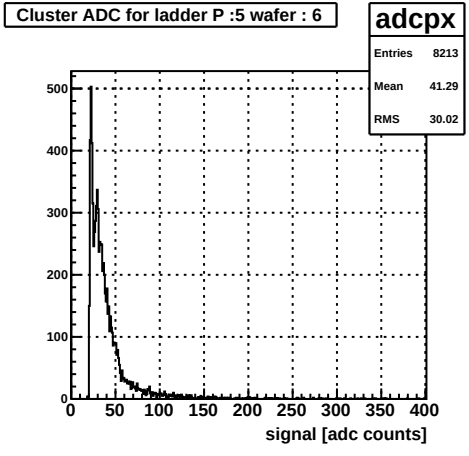

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

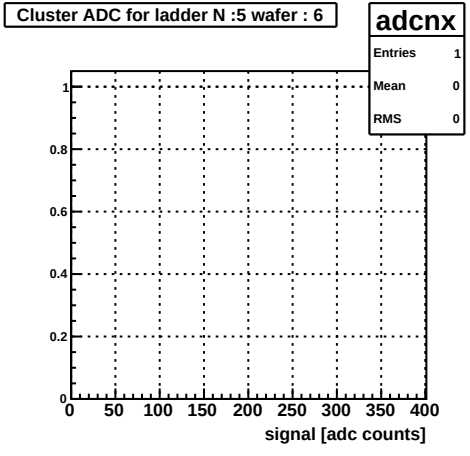

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

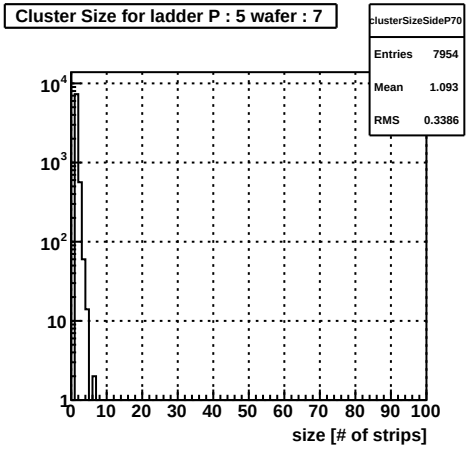

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8213
Mean 1.083
RMS 0.324
size [# of strips]

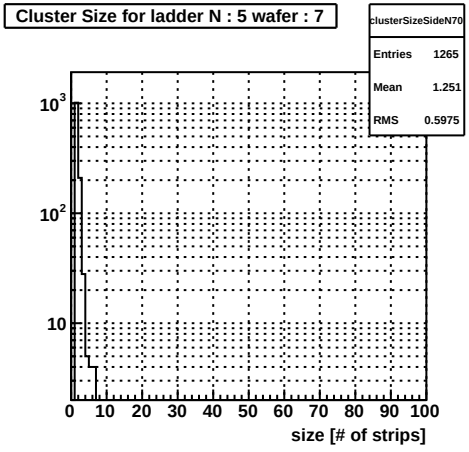

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1
Mean 1
RMS 0
size [# of strips]

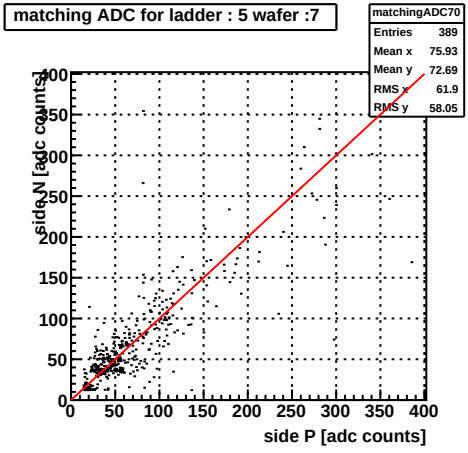

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

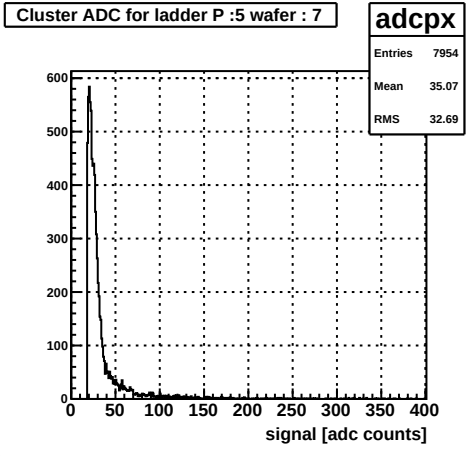

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8213
Mean 41.29
RMS 30.02
signal [adc counts]

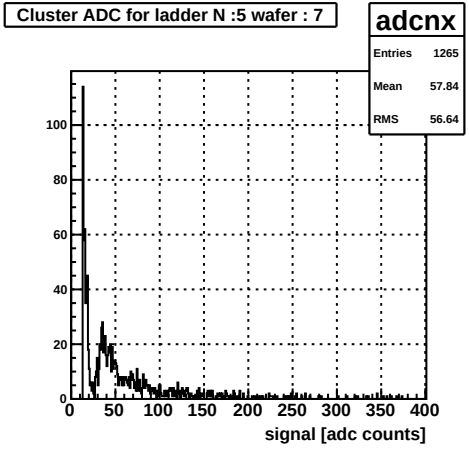

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

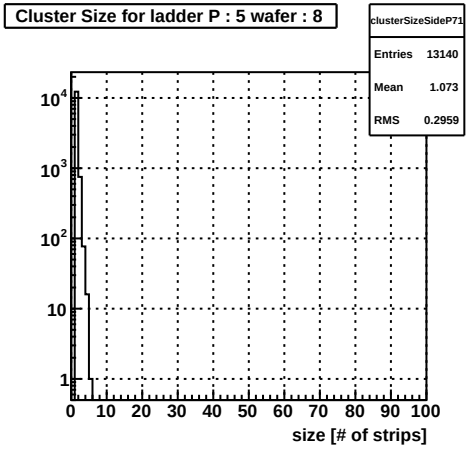

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7954
Mean 1.093
RMS 0.3386
size [# of strips]

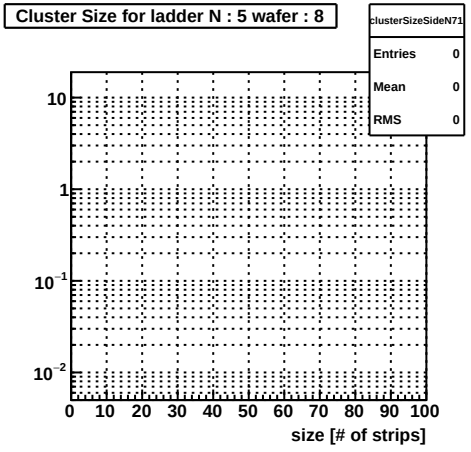

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1265
Mean 1.251
RMS 0.5975
size [# of strips]

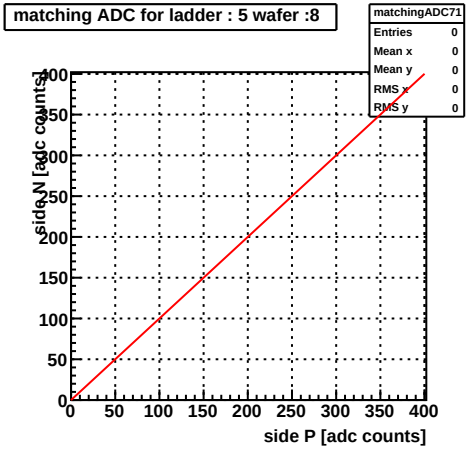

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 389
Mean x 75.93
Mean y 72.69
RMS x 61.9
RMS y 58.05
side N [adc counts]
side P [adc counts]

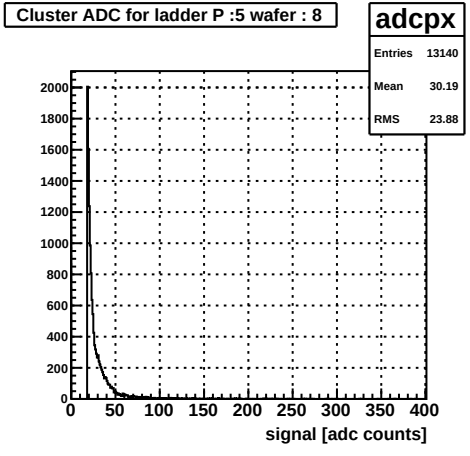

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7954
Mean 35.07
RMS 32.69
signal [adc counts]

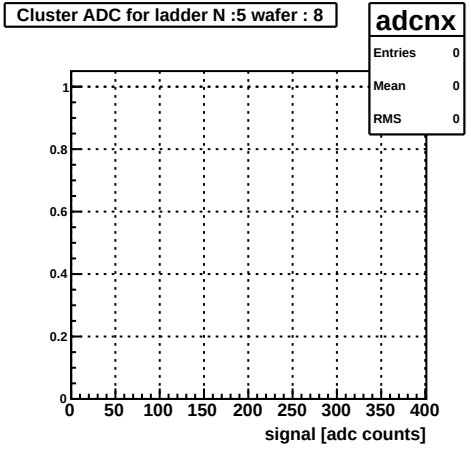

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1265
Mean 57.84
RMS 56.64
signal [adc counts]

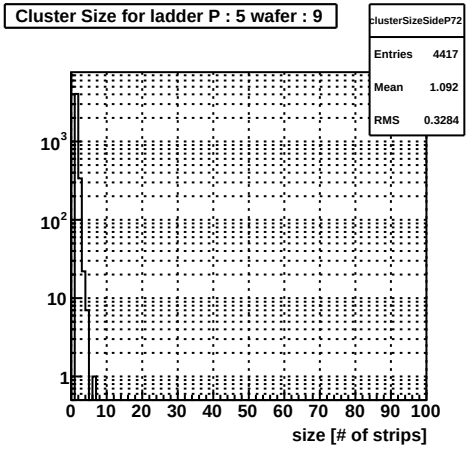

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 13140
Mean 1.073
RMS 0.2959
size [# of strips]

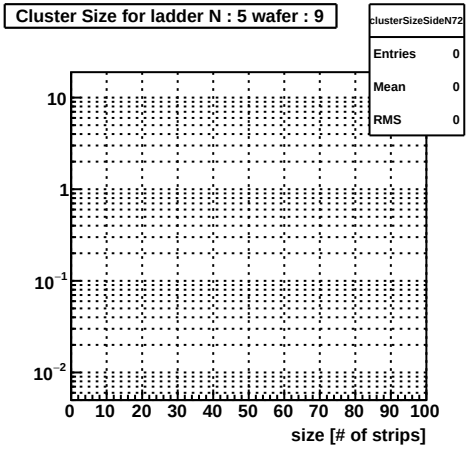

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

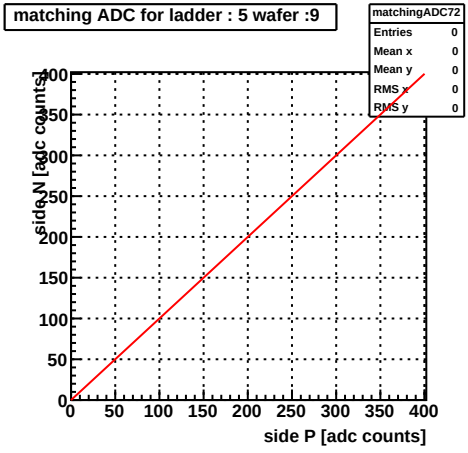

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

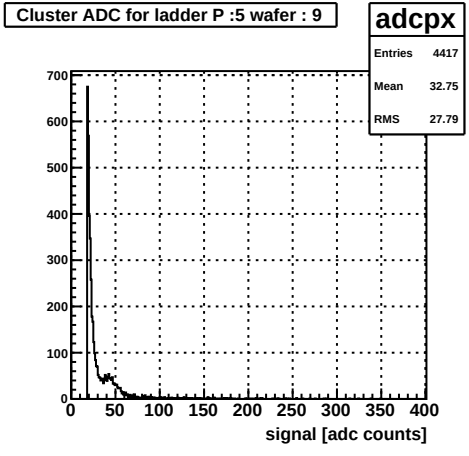

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 13140
Mean 30.19
RMS 23.88
signal [adc counts]

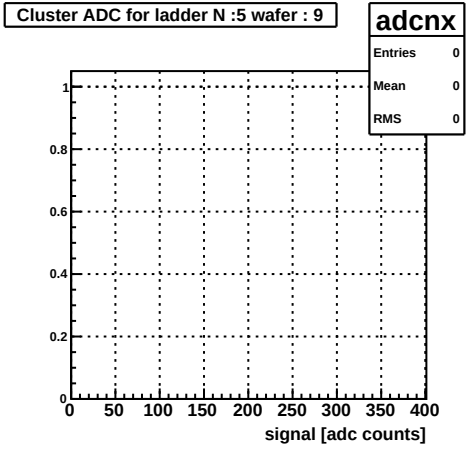

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

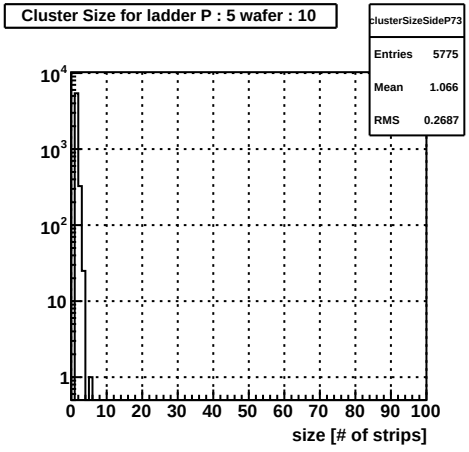

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4417
Mean 1.092
RMS 0.3284
size [# of strips]

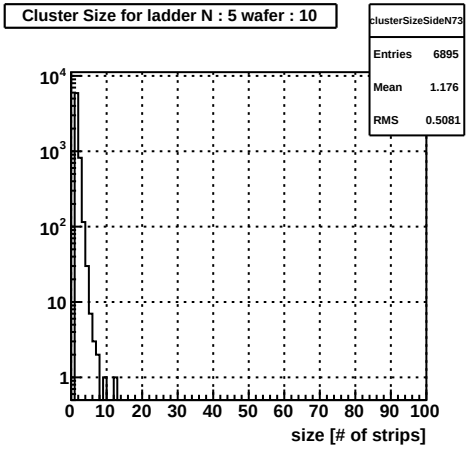

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

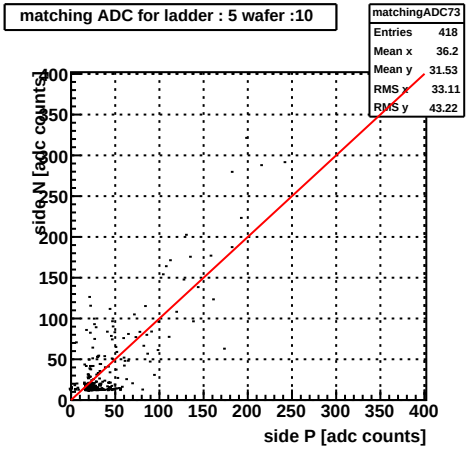

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

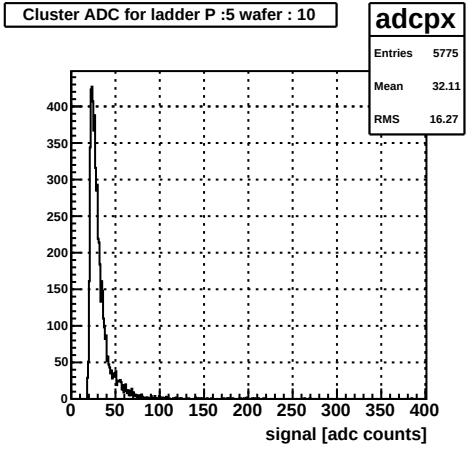

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4417
Mean 32.75
RMS 27.79
signal [adc counts]

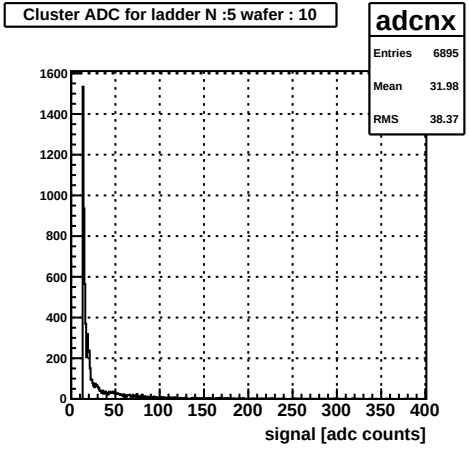

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

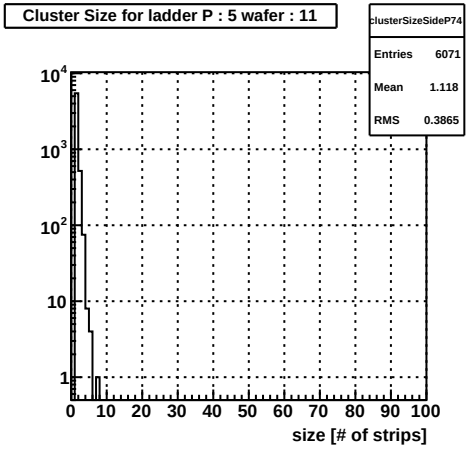

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5775
Mean 1.066
RMS 0.2687
size [# of strips]

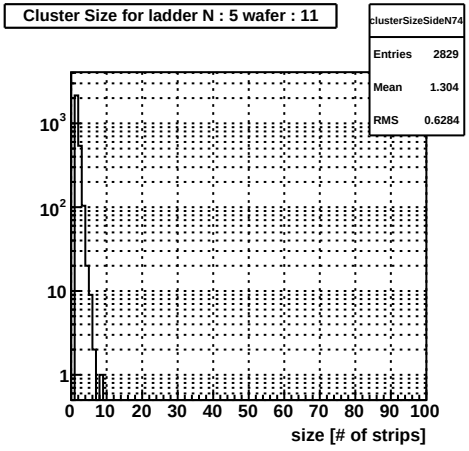

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6895
Mean 1.176
RMS 0.5081
size [# of strips]

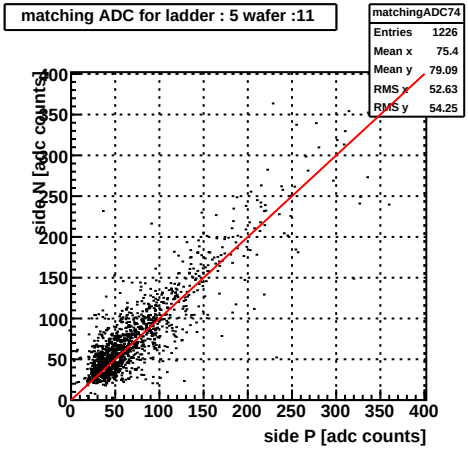

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 418
Mean x 36.2
Mean y 31.53
RMS x 33.11
RMS y 43.22
side N [adc counts]
side P [adc counts]

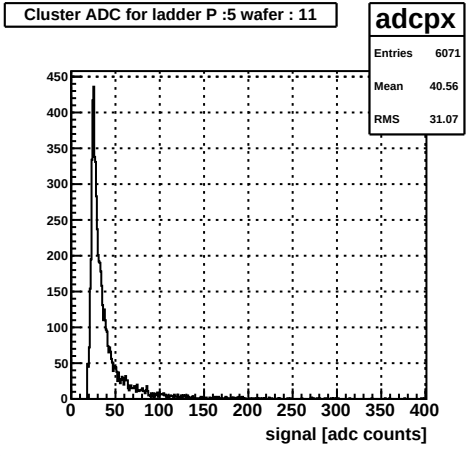

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5775
Mean 32.11
RMS 16.27
signal [adc counts]

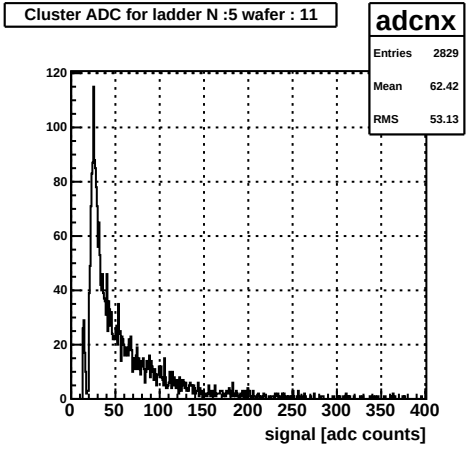

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6895
Mean 31.98
RMS 38.37
signal [adc counts]

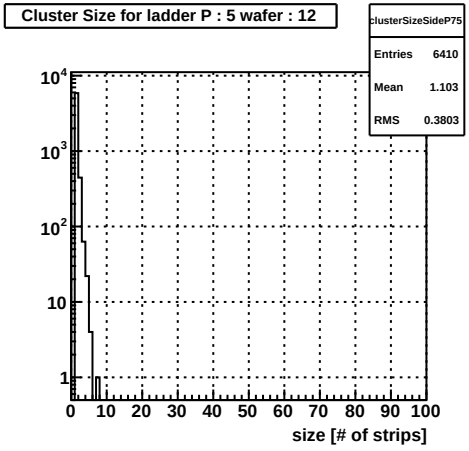

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6071
Mean 1.118
RMS 0.3865
size [# of strips]

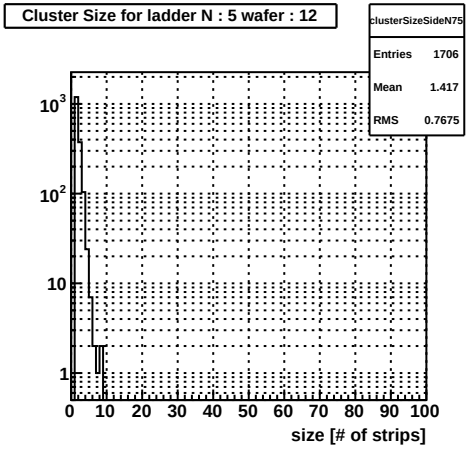

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2829
Mean 1.304
RMS 0.6284
size [# of strips]

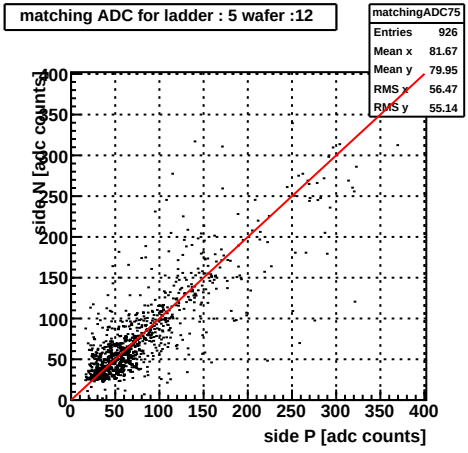

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1226
Mean x 75.4
Mean y 79.09
RMS x 52.63
RMS y 54.25
side N [adc counts]
side P [adc counts]

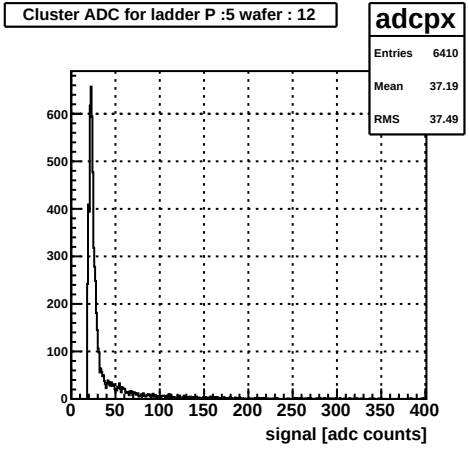

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6071
Mean 40.56
RMS 31.07
signal [adc counts]

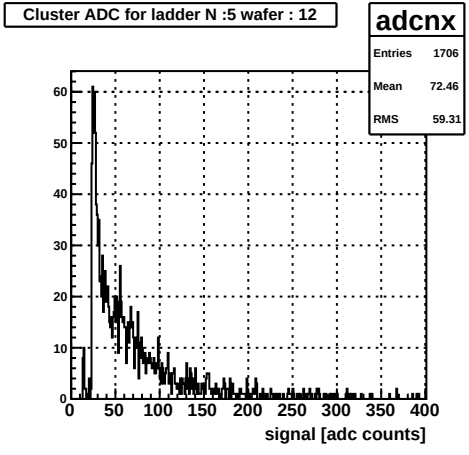

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2829
Mean 62.42
RMS 53.13
signal [adc counts]

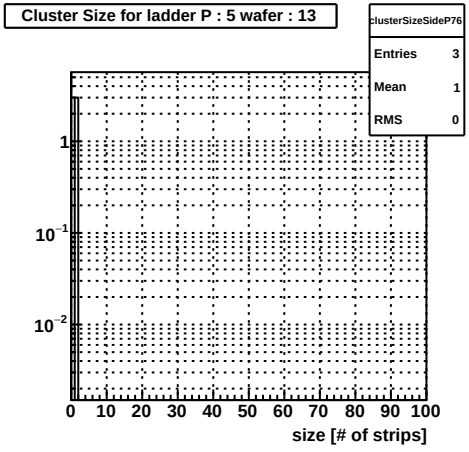

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6410
Mean 1.103
RMS 0.3803
size [# of strips]

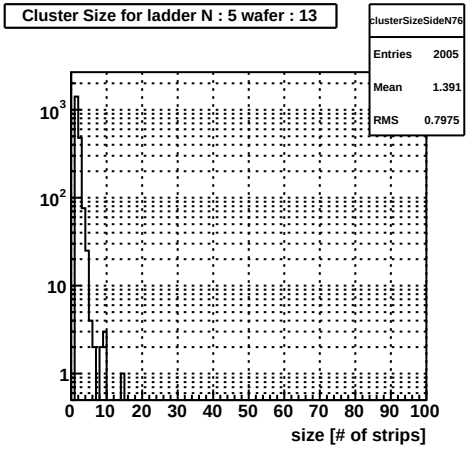

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1706
Mean 1.417
RMS 0.7675
size [# of strips]

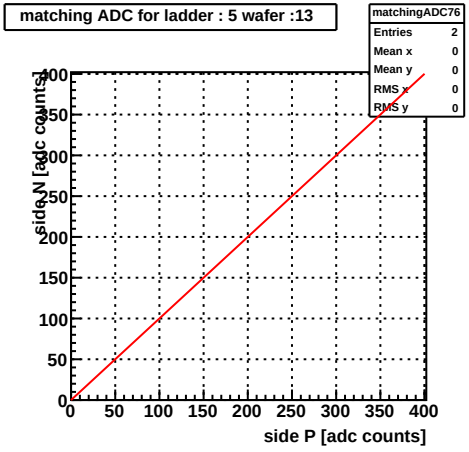

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 926
Mean x 81.67
Mean y 79.95
RMS x 56.47
RMS y 55.14
side N [adc counts]
side P [adc counts]

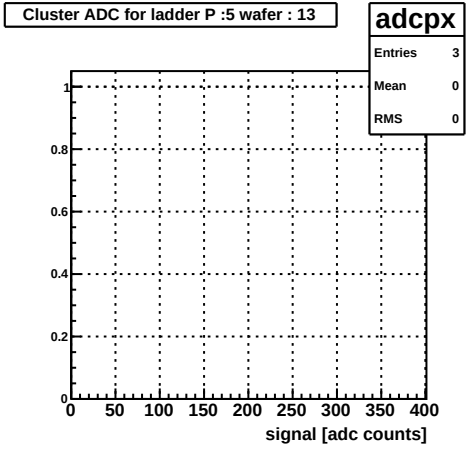

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6410
Mean 37.19
RMS 37.49
signal [adc counts]

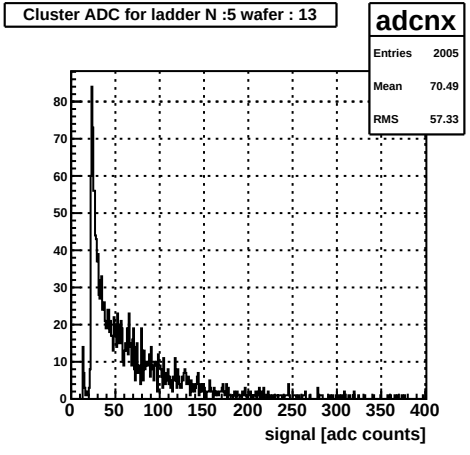

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1706
Mean 72.46
RMS 59.31
signal [adc counts]

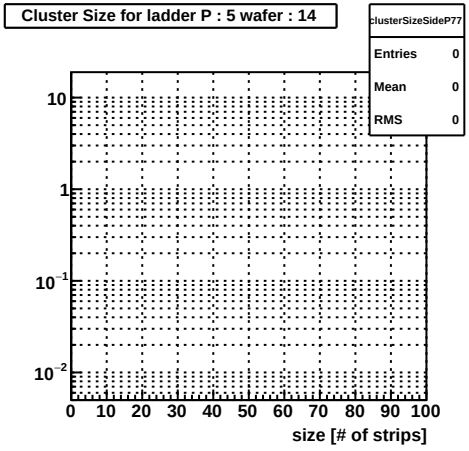

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

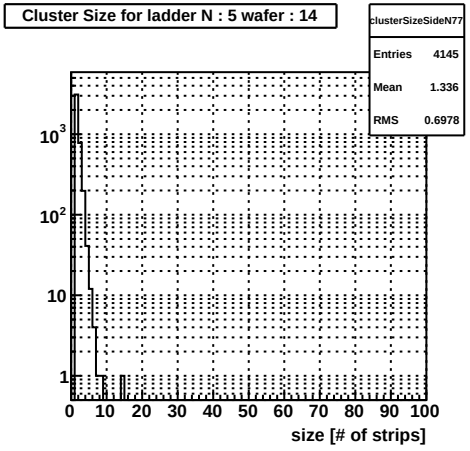

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2005
Mean 1.391
RMS 0.7975
size [# of strips]

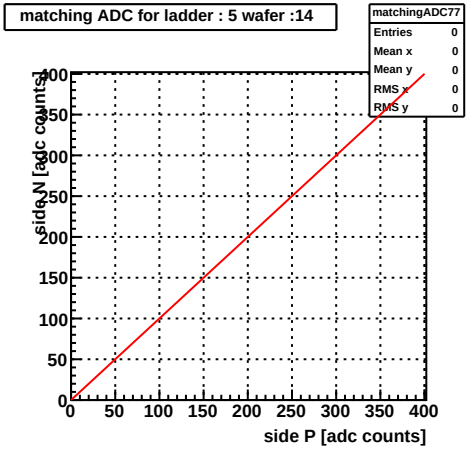

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

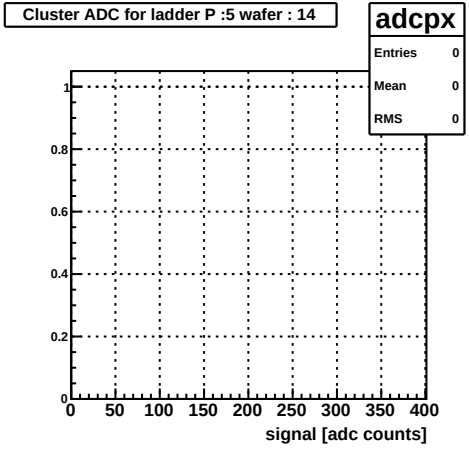

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

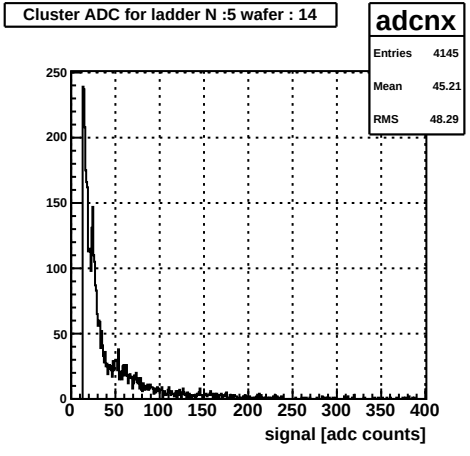

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2005
Mean 70.49
RMS 57.33
signal [adc counts]

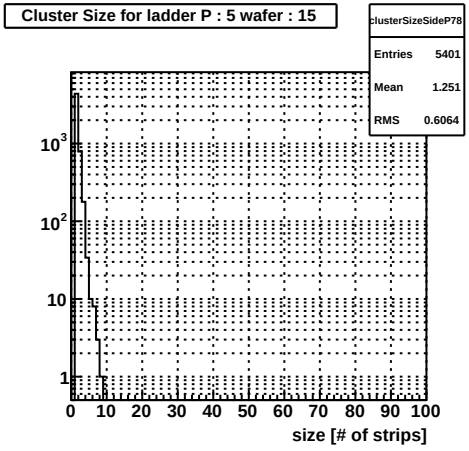

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

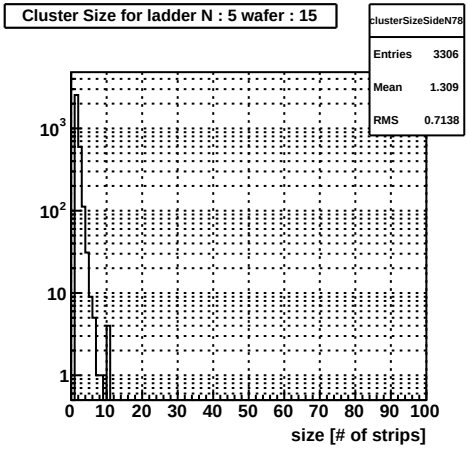

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 4145
Mean 1.336
RMS 0.6978
size [# of strips]

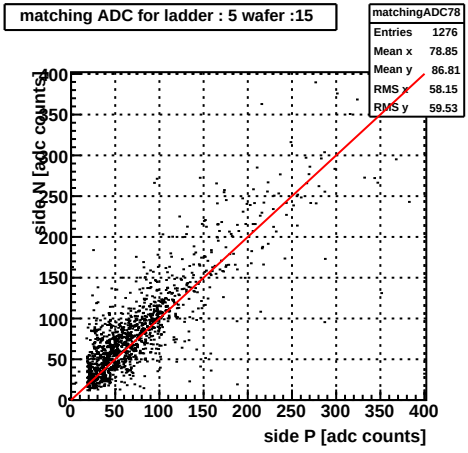

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

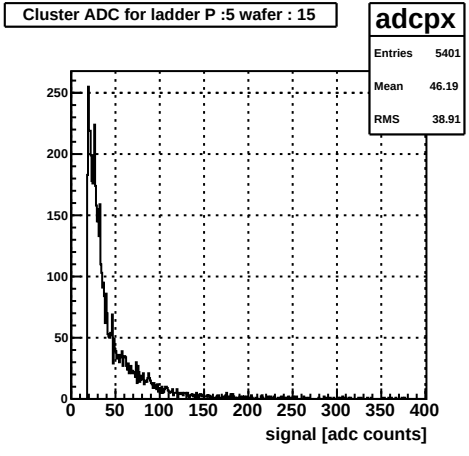

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

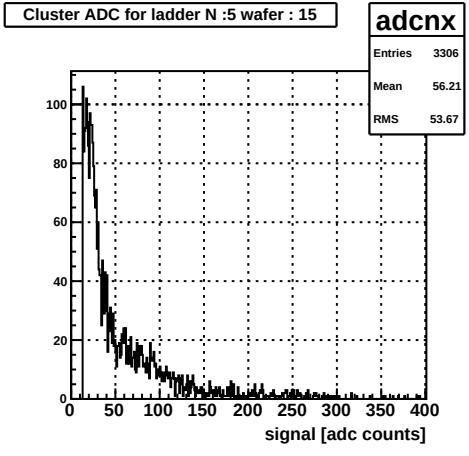

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 4145
Mean 45.21
RMS 48.29
signal [adc counts]

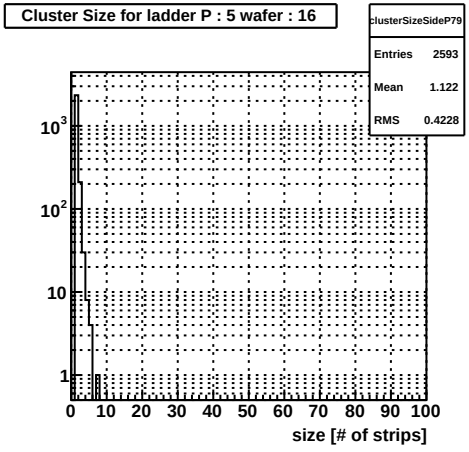

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5401
Mean 1.251
RMS 0.6064
size [# of strips]

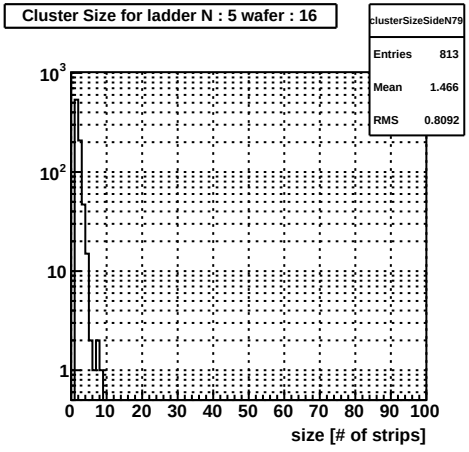

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3306
Mean 1.309
RMS 0.7138
size [# of strips]

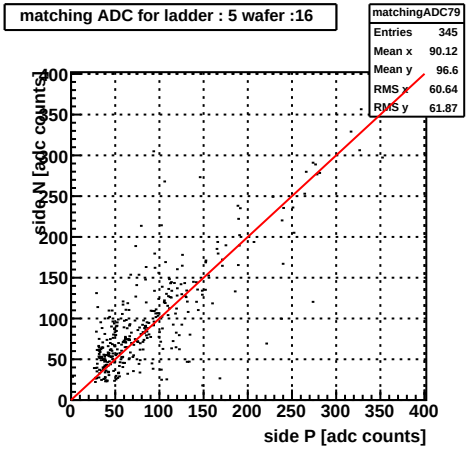

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1276
Mean x 78.85
Mean y 86.81
RMS x 58.15
RMS y 59.53
side N [adc counts]
side P [adc counts]

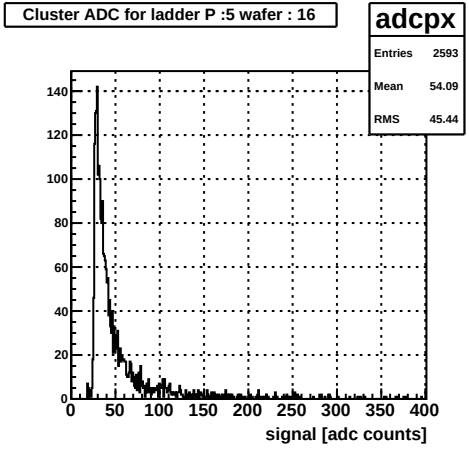

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5401
Mean 46.19
RMS 38.91
signal [adc counts]

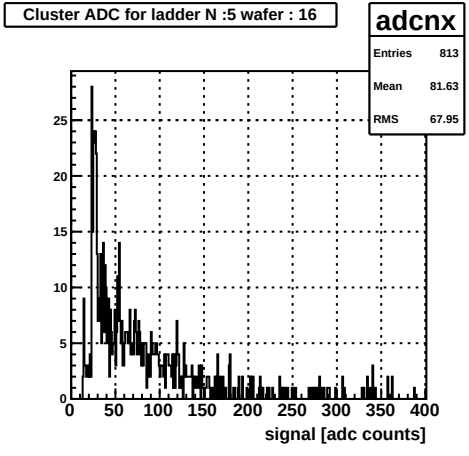

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3306
Mean 56.21
RMS 53.67
signal [adc counts]

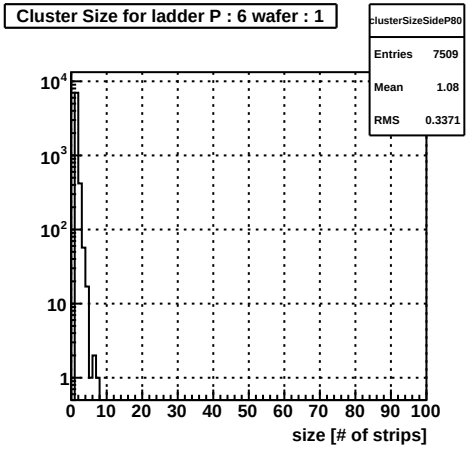

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2593
Mean 1.122
RMS 0.4228
size [# of strips]

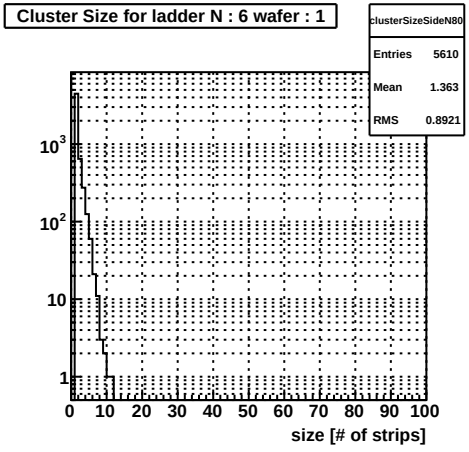

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 813
Mean 1.466
RMS 0.8092
size [# of strips]

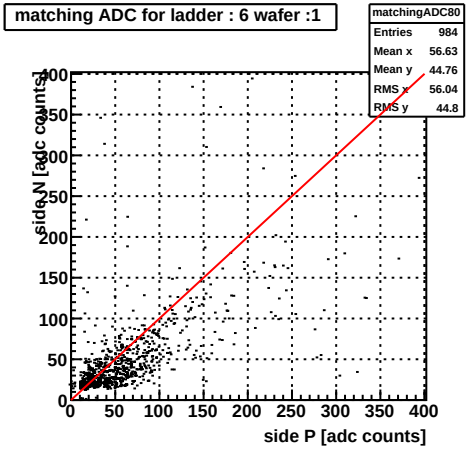

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 345
Mean x 90.12
Mean y 96.6
RMS x 60.64
RMS y 61.87
side N [adc counts]
side P [adc counts]

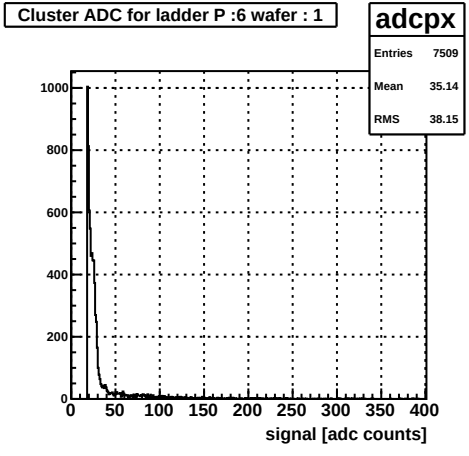

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2593
Mean 54.09
RMS 45.44
signal [adc counts]

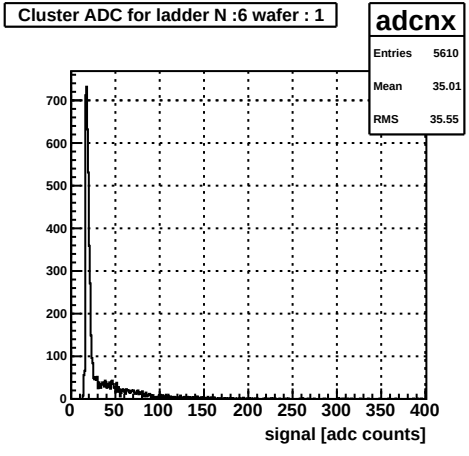

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 813
Mean 81.63
RMS 67.95
signal [adc counts]

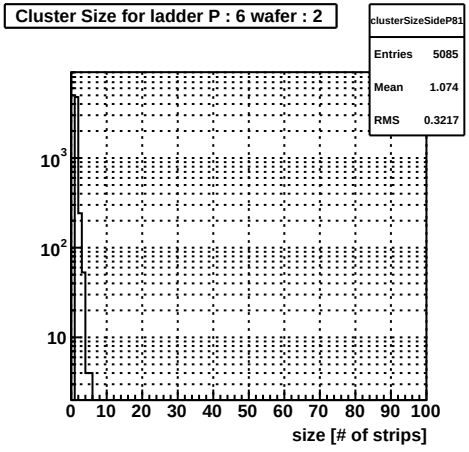

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7509
Mean 1.08
RMS 0.3371
size [# of strips]

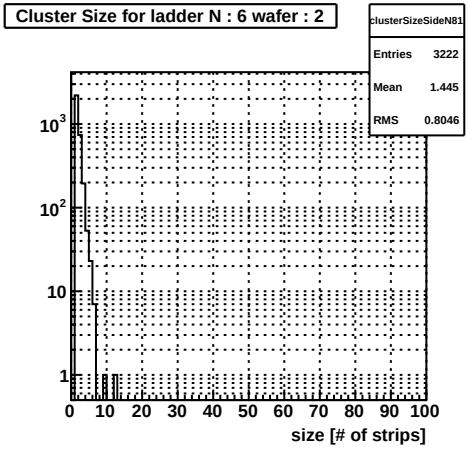

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5610
Mean 1.363
RMS 0.8921
size [# of strips]

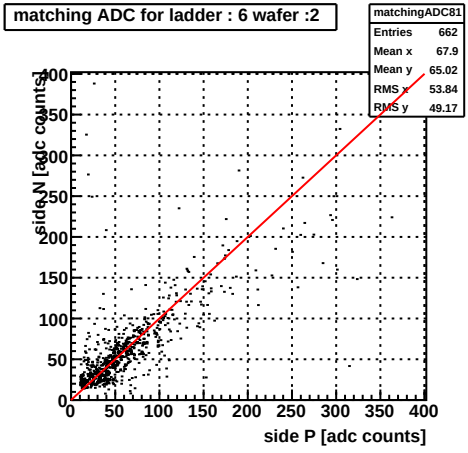

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 984
Mean x 56.63
Mean y 44.76
RMS x 56.04
RMS y 44.8
side N [adc counts]
side P [adc counts]

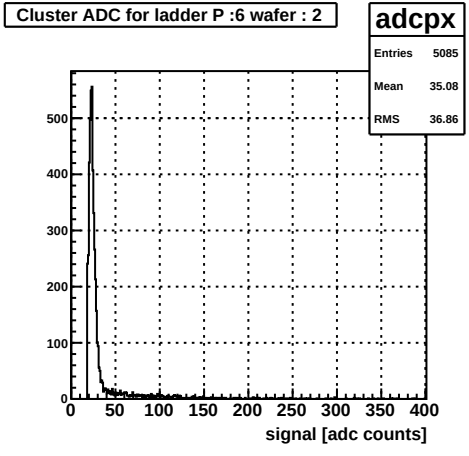

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7509
Mean 35.14
RMS 38.15
signal [adc counts]

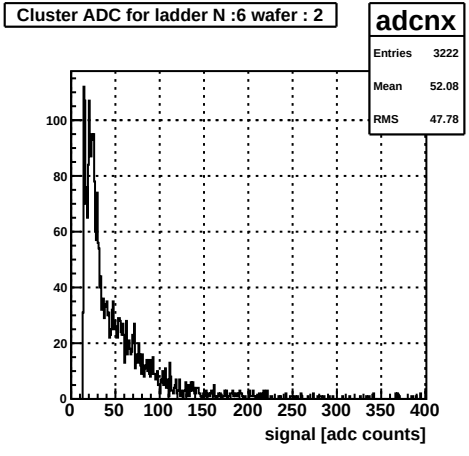

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5610
Mean 35.01
RMS 35.55
signal [adc counts]

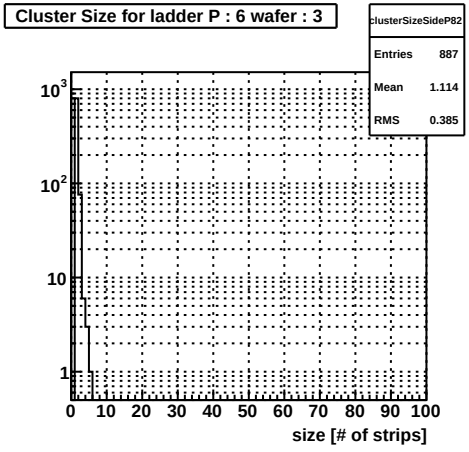

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5085
Mean 1.074
RMS 0.3217
size [# of strips]

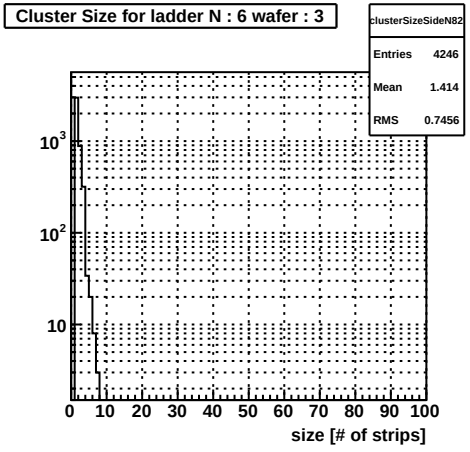

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3222
Mean 1.445
RMS 0.8046
size [# of strips]

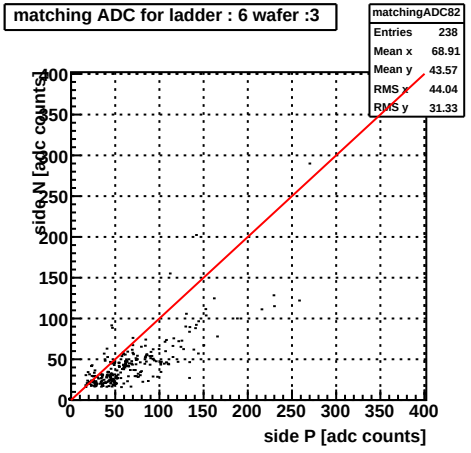

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 662
Mean x 67.9
Mean y 65.02
RMS x 53.84
RMS y 49.17
side N [adc counts]
side P [adc counts]

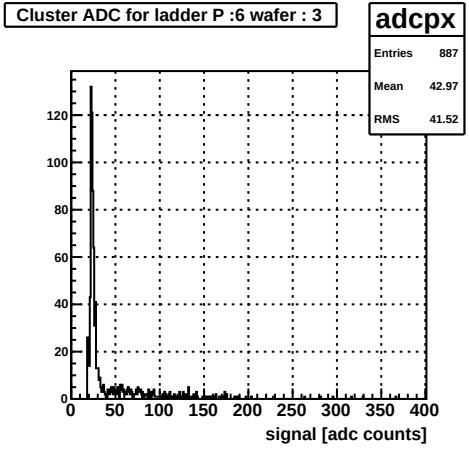

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5085
Mean 35.08
RMS 36.86
signal [adc counts]

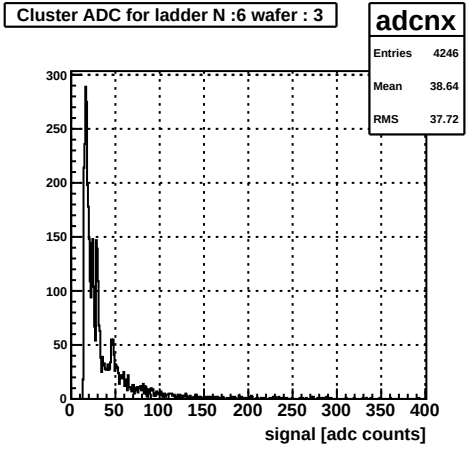

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3222
Mean 52.08
RMS 47.78
signal [adc counts]

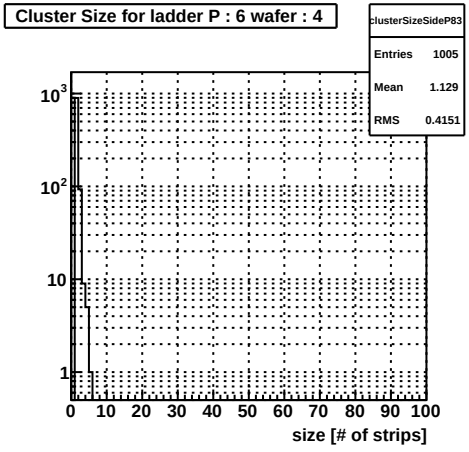

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 887
Mean 1.114
RMS 0.385
size [# of strips]

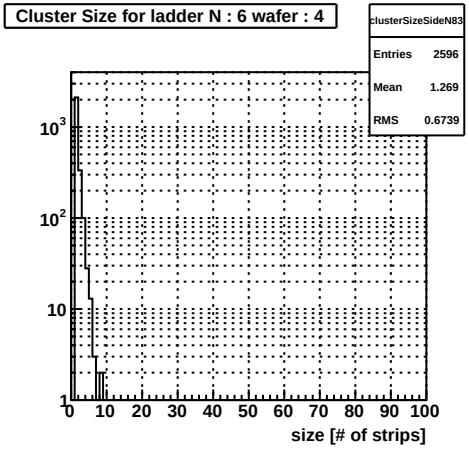

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4246
Mean 1.414
RMS 0.7456
size [# of strips]

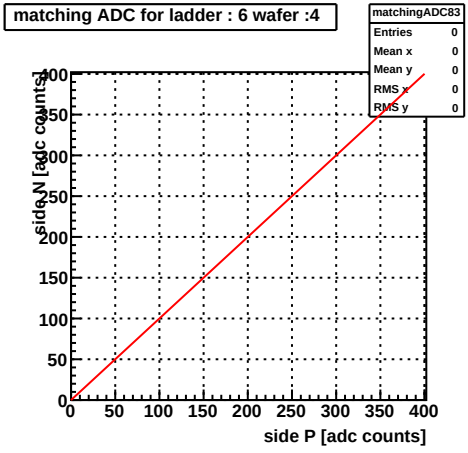

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 238
Mean x 68.91
Mean y 43.57
RMS x 44.04
RMS y 31.33
side N [adc counts]
side P [adc counts]

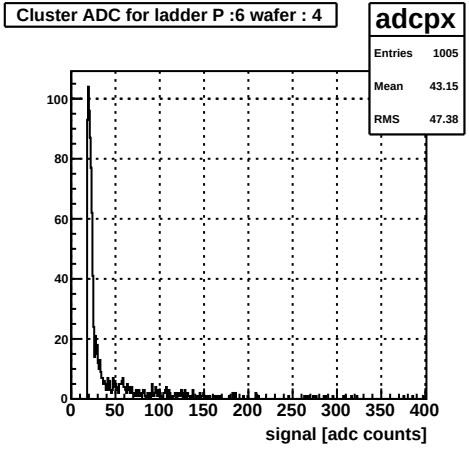

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 887
Mean 42.97
RMS 41.52
signal [adc counts]

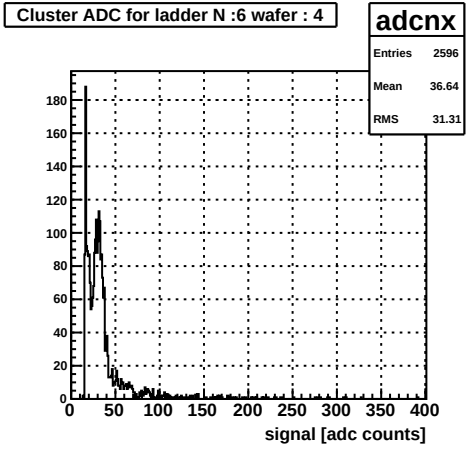

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4246
Mean 38.64
RMS 37.72
signal [adc counts]

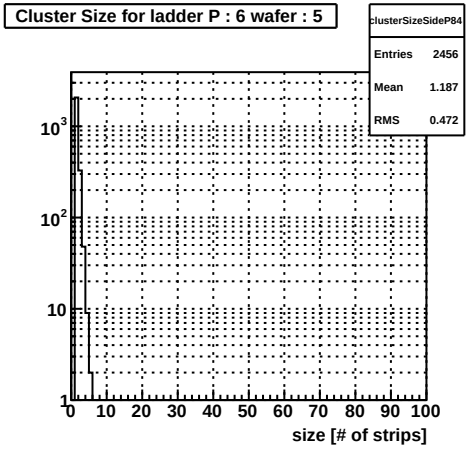

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1005
Mean 1.129
RMS 0.4151
size [# of strips]

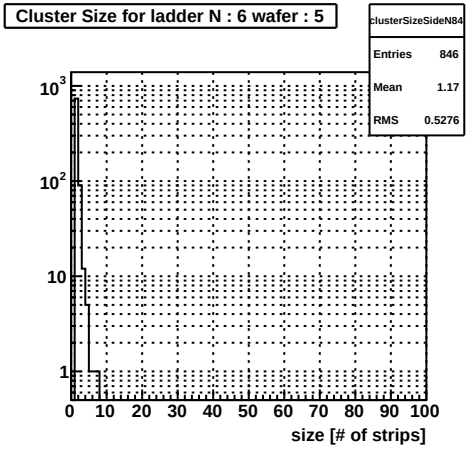

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2596
Mean 1.269
RMS 0.6739
size [# of strips]

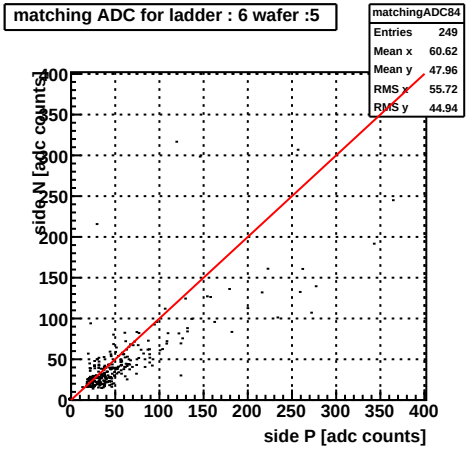

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

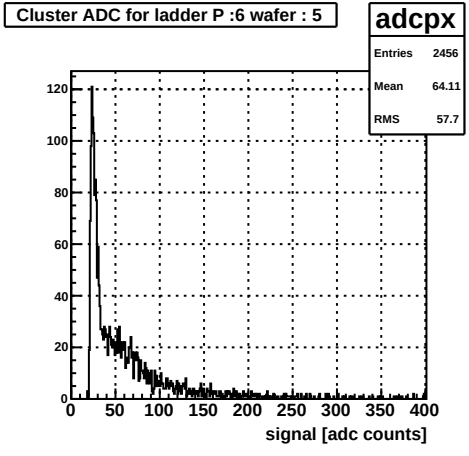

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1005
Mean 43.15
RMS 47.38
signal [adc counts]

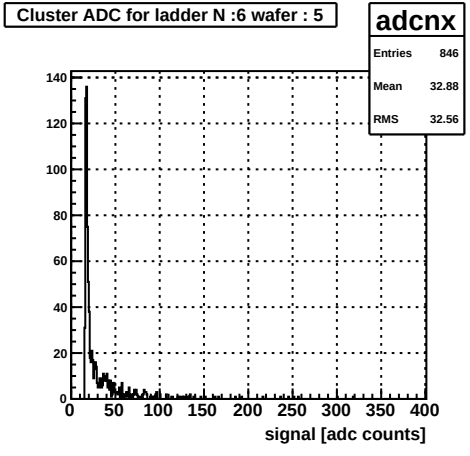

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2596
Mean 36.64
RMS 31.31
signal [adc counts]

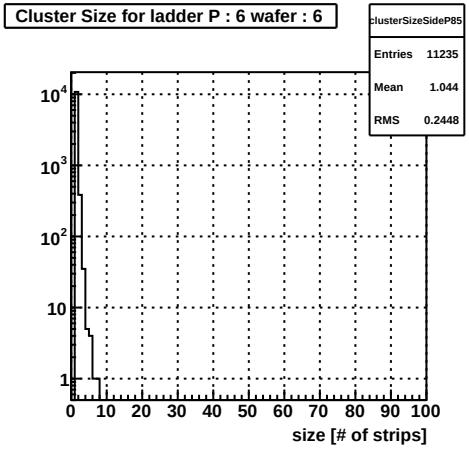

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2456
Mean 1.187
RMS 0.472
size [# of strips]

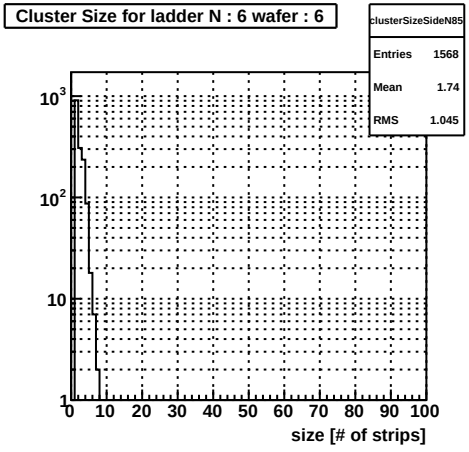

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 846
Mean 1.17
RMS 0.5276
size [# of strips]

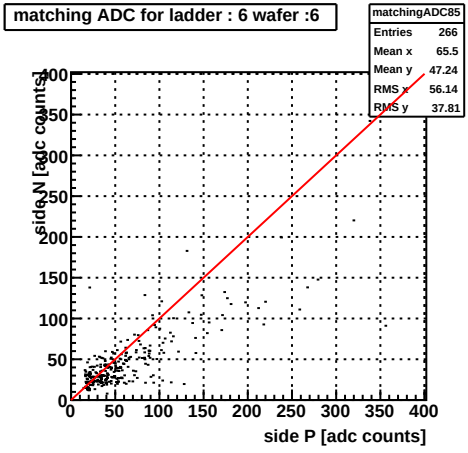

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 249
Mean x 60.62
Mean y 47.96
RMS x 55.72
RMS y 44.94
side N [adc counts]
side P [adc counts]

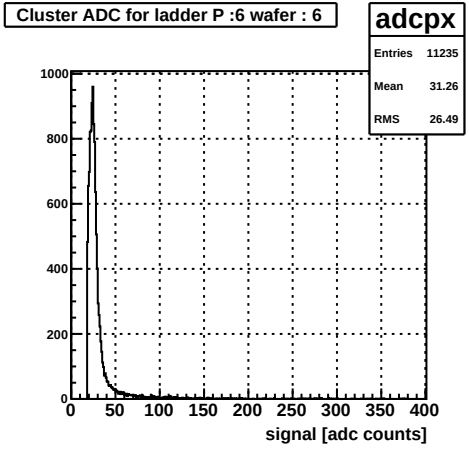

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2456
Mean 64.11
RMS 57.7
signal [adc counts]

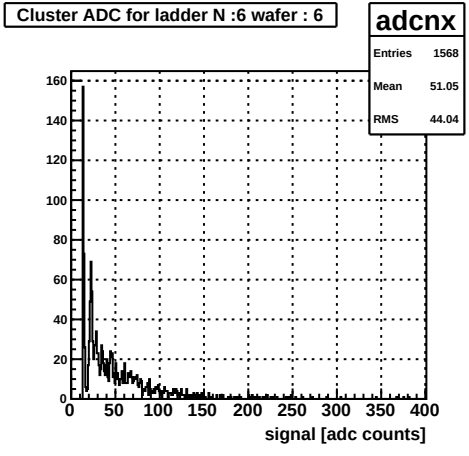

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 846
Mean 32.88
RMS 32.56
signal [adc counts]

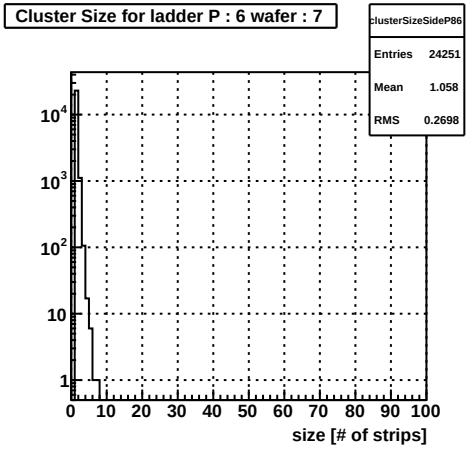

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11235
Mean 1.044
RMS 0.2448
size [# of strips]

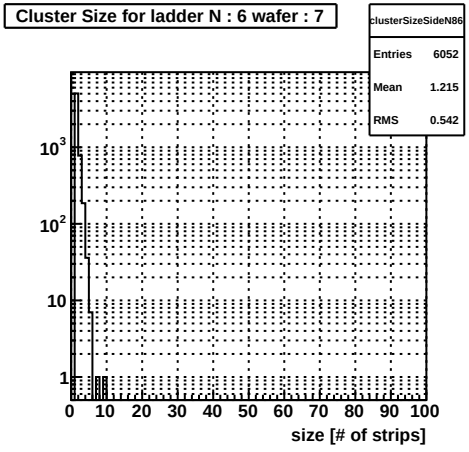

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1568
Mean 1.74
RMS 1.045
size [# of strips]

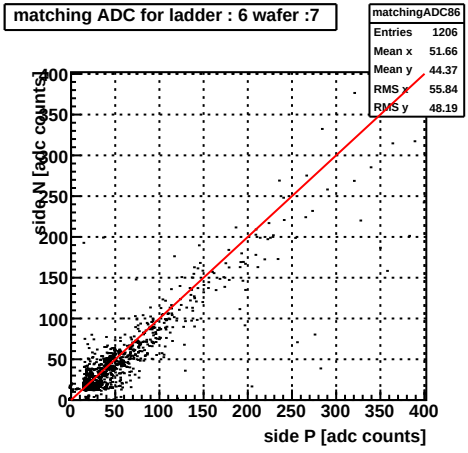

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 266
Mean x 65.5
Mean y 47.24
RMS x 56.14
RMS y 37.81
side N [adc counts]
side P [adc counts]

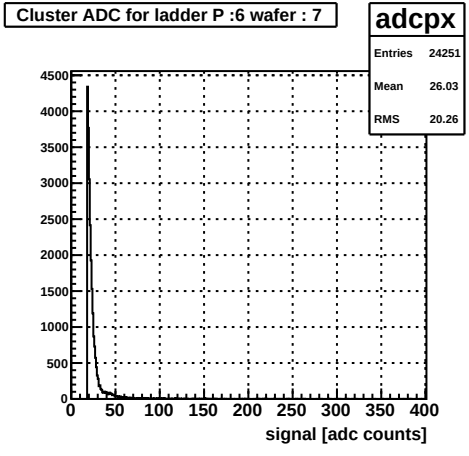

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11235
Mean 31.26
RMS 26.49
signal [adc counts]

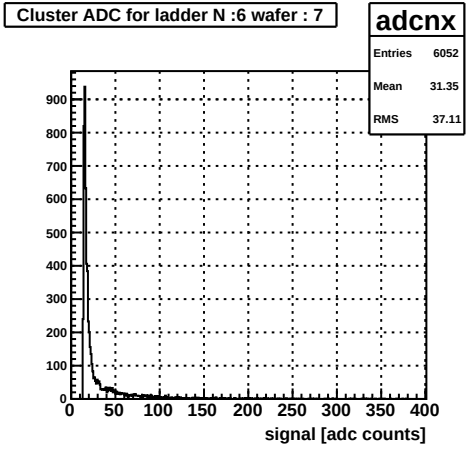

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1568
Mean 51.05
RMS 44.04
signal [adc counts]

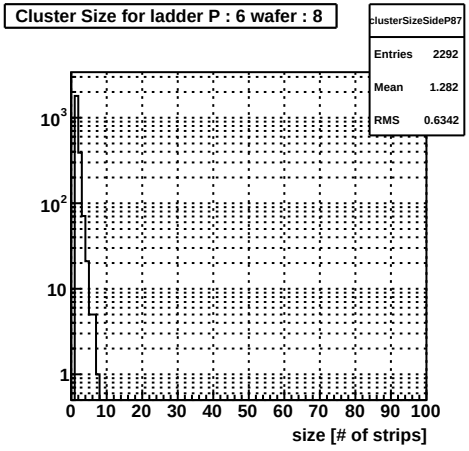

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 24251
Mean 1.058
RMS 0.2698
size [# of strips]

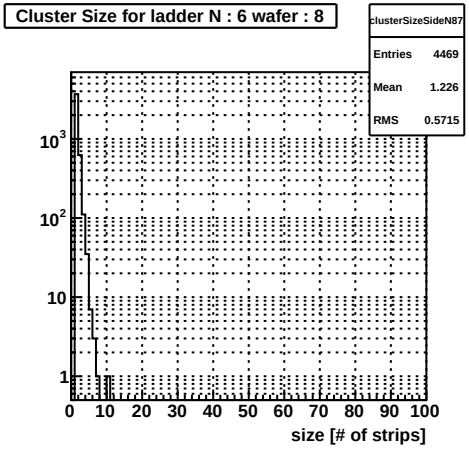

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6052
Mean 1.215
RMS 0.542
size [# of strips]

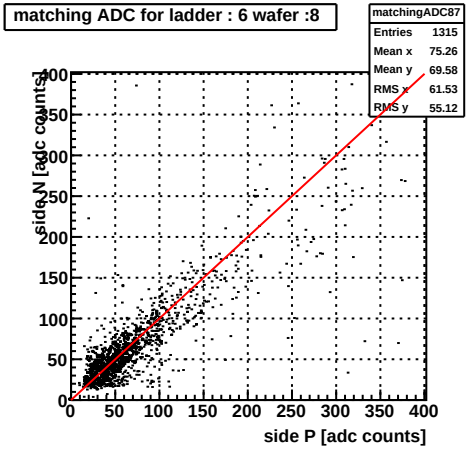

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1206
Mean x 51.66
Mean y 44.37
RMS x 55.84
RMS y 48.19
side N [adc counts]
side P [adc counts]

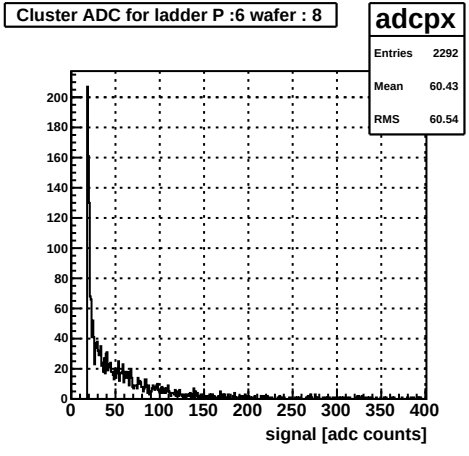

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 24251
Mean 26.03
RMS 20.26
signal [adc counts]

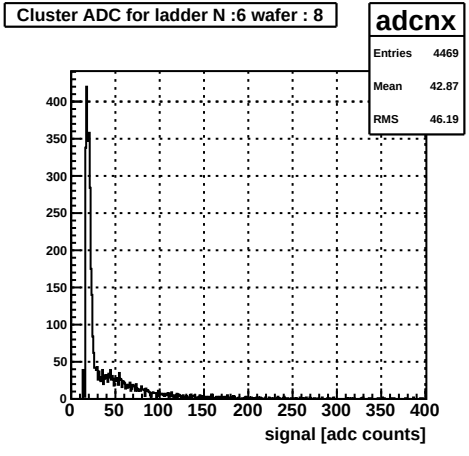

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6052
Mean 31.35
RMS 37.11
signal [adc counts]

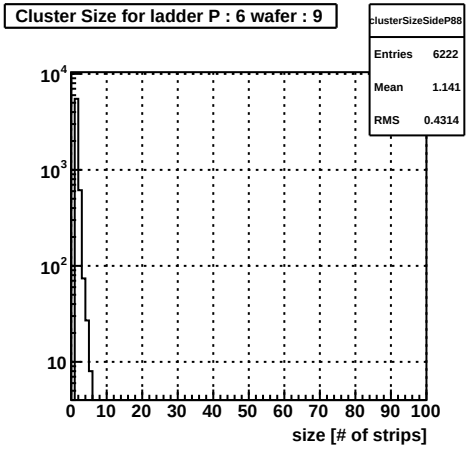

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2292
Mean 1.282
RMS 0.6342
size [# of strips]

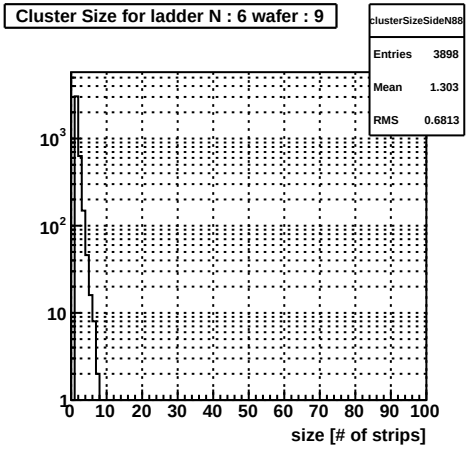

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4469
Mean 1.226
RMS 0.5715
size [# of strips]

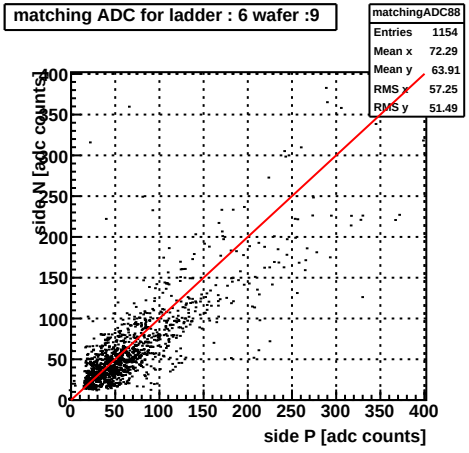

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1315
Mean x 75.26
Mean y 69.58
RMS x 61.53
RMS y 55.12
side N [adc counts]
side P [adc counts]

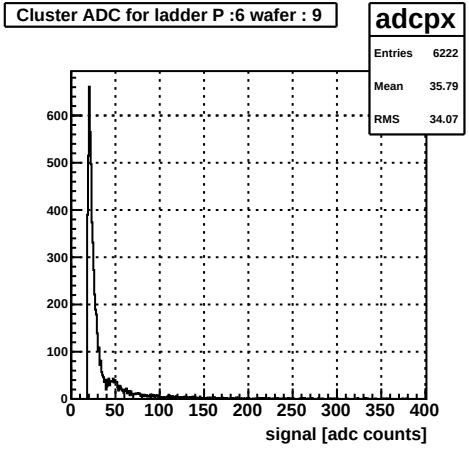

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2292
Mean 60.43
RMS 60.54
signal [adc counts]

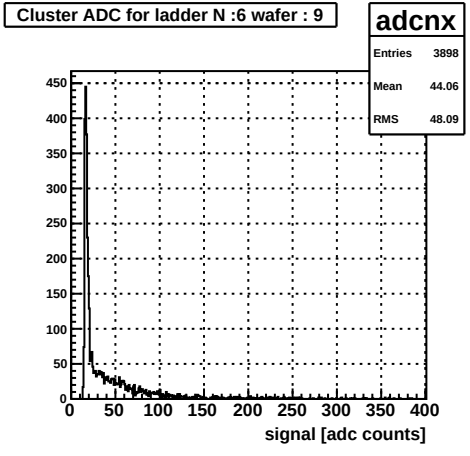

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4469
Mean 42.87
RMS 46.19
signal [adc counts]

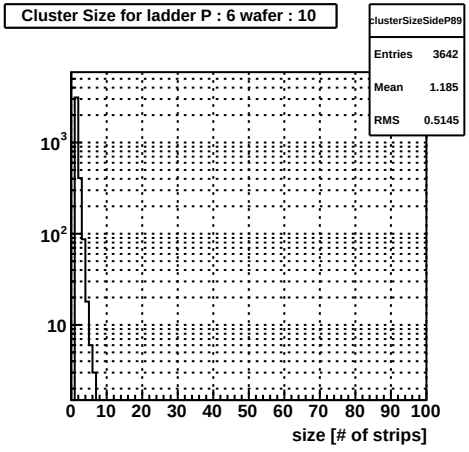

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6222
Mean 1.141
RMS 0.4314
size [# of strips]

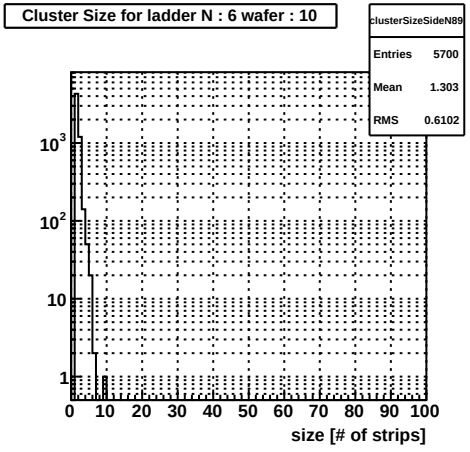

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3898
Mean 1.303
RMS 0.6813
size [# of strips]

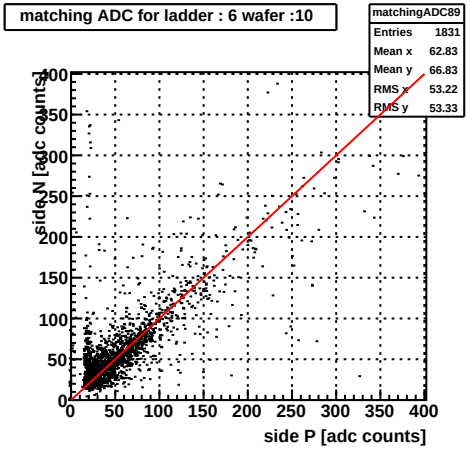

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1154
Mean x 72.29
Mean y 63.91
RMS x 57.25
RMS y 51.49
side N [adc counts]
side P [adc counts]

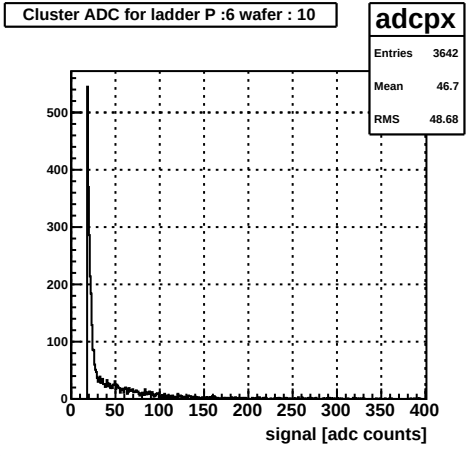

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6222
Mean 35.79
RMS 34.07
signal [adc counts]

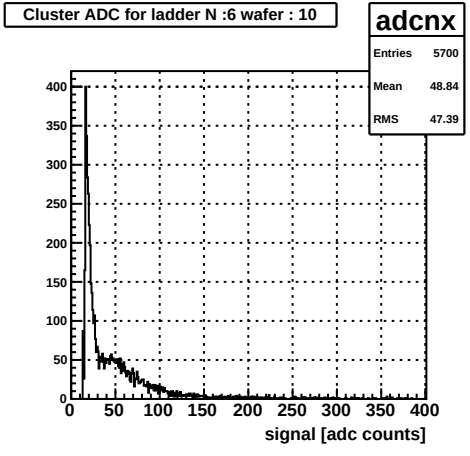

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3898
Mean 44.06
RMS 48.09
signal [adc counts]

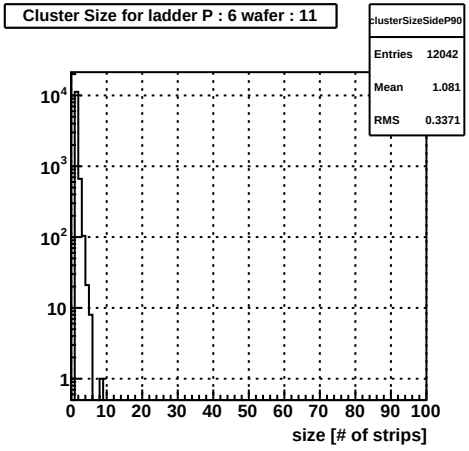

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3642
Mean 1.185
RMS 0.5145
size [# of strips]

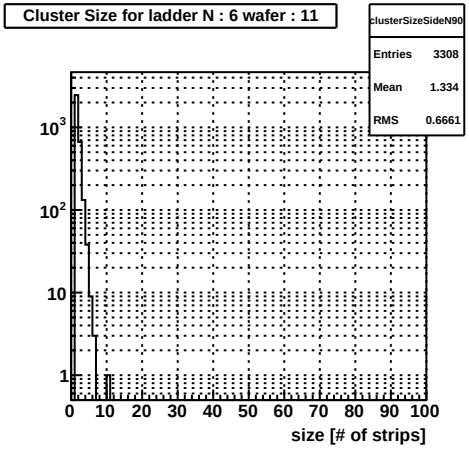

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5700
Mean 1.303
RMS 0.6102
size [# of strips]

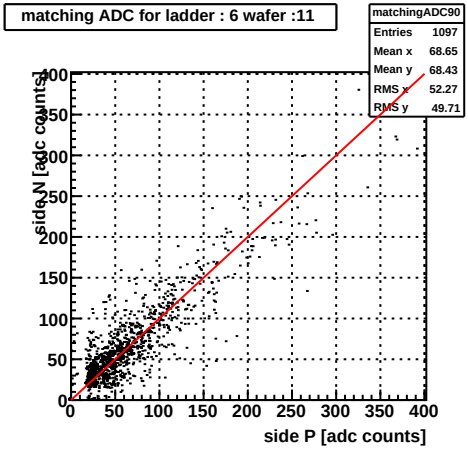

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1831
Mean x 62.83
Mean y 66.83
RMS x 53.22
RMS y 53.33
side N [adc counts]
side P [adc counts]

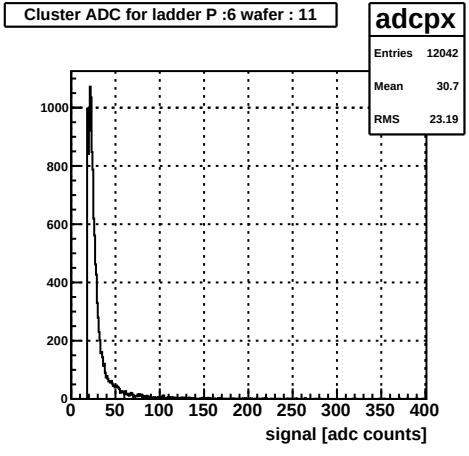

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3642
Mean 46.7
RMS 48.68
signal [adc counts]

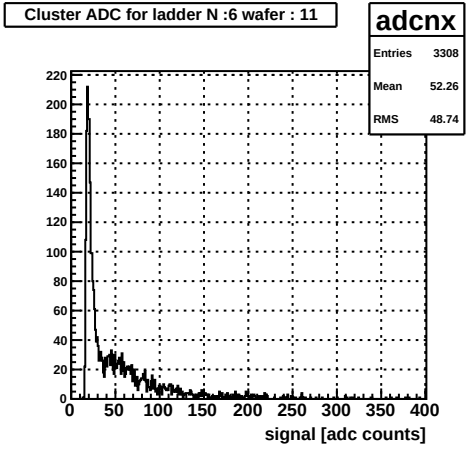

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5700
Mean 48.84
RMS 47.39
signal [adc counts]

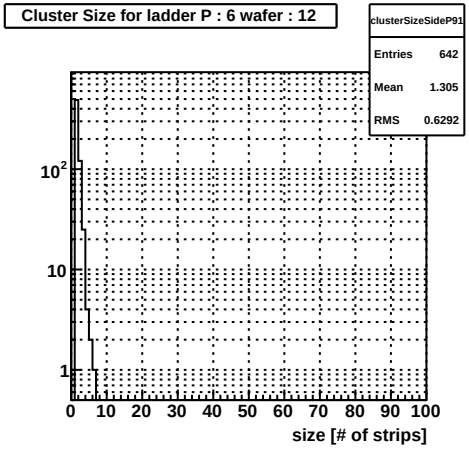

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 12042
Mean 1.081
RMS 0.3371
size [# of strips]

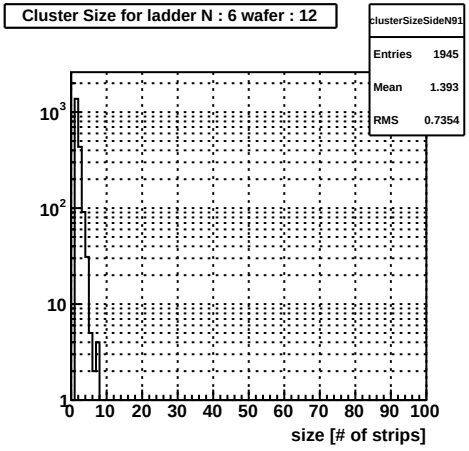

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3308
Mean 1.334
RMS 0.6661
size [# of strips]

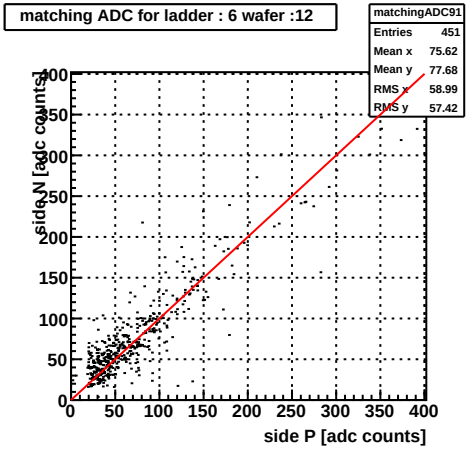

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1097
Mean x 68.65
Mean y 68.43
RMS x 52.27
RMS y 49.71
side N [adc counts]
side P [adc counts]

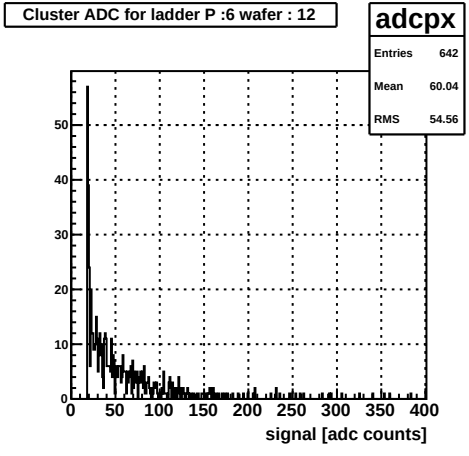

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 12042
Mean 30.7
RMS 23.19
signal [adc counts]

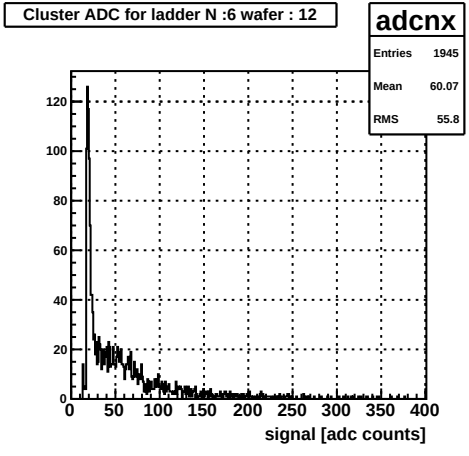

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3308
Mean 52.26
RMS 48.74
signal [adc counts]

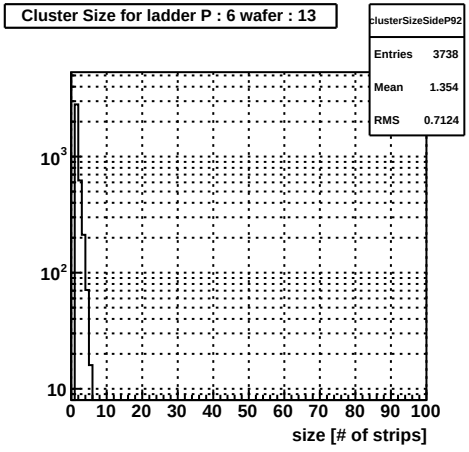

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 642
Mean 1.305
RMS 0.6292
size [# of strips]

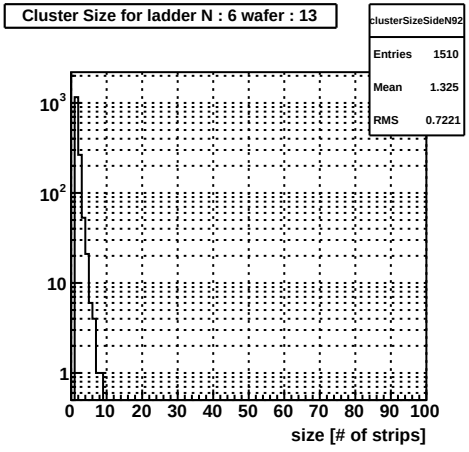

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1945
Mean 1.393
RMS 0.7354
size [# of strips]

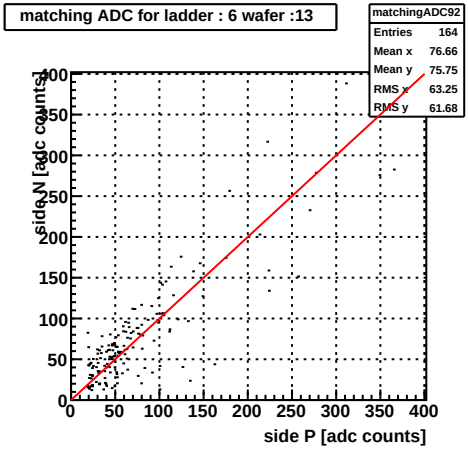

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 451
Mean x 75.62
Mean y 77.68
RMS x 58.99
RMS y 57.42
side N [adc counts]
side P [adc counts]

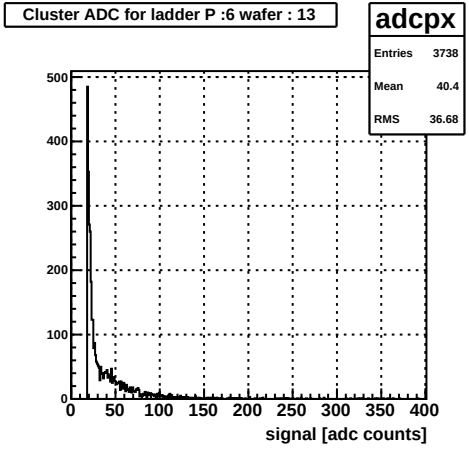

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 642
Mean 60.04
RMS 54.56
signal [adc counts]

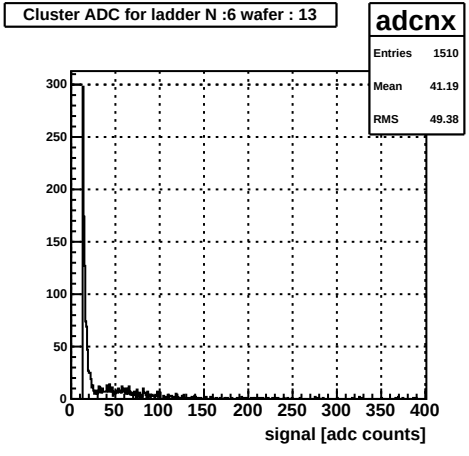

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1945
Mean 60.07
RMS 55.8
signal [adc counts]

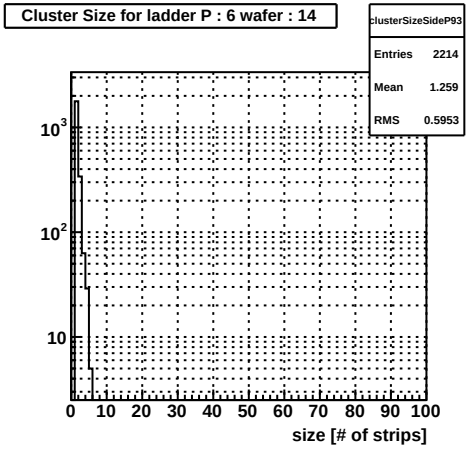

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 3738
Mean 1.354
RMS 0.7124
size [# of strips]

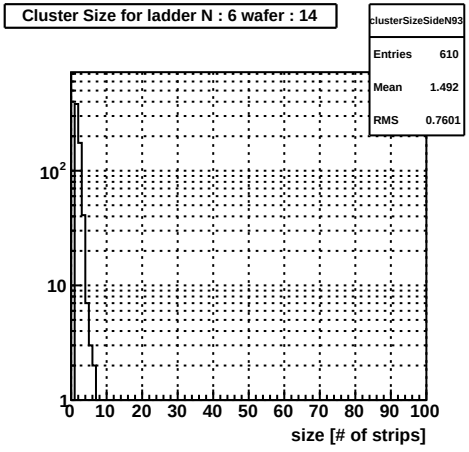

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1510
Mean 1.325
RMS 0.7221
size [# of strips]

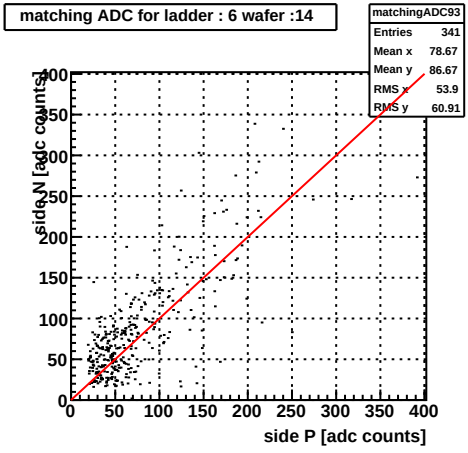

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 164
Mean x 76.66
Mean y 75.75
RMS x 63.25
RMS y 61.68
side N [adc counts]
side P [adc counts]

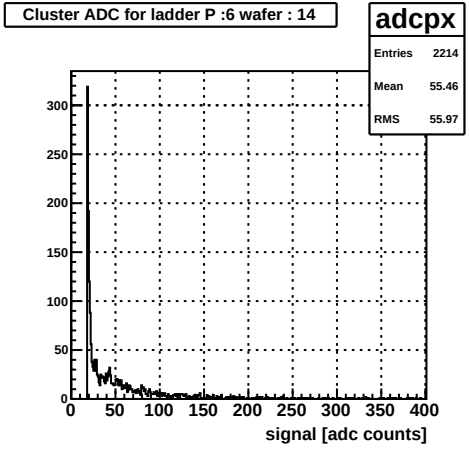

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 3738
Mean 40.4
RMS 36.68
signal [adc counts]

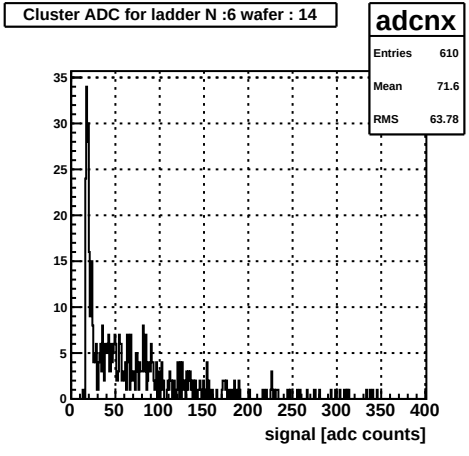

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1510
Mean 41.19
RMS 49.38
signal [adc counts]

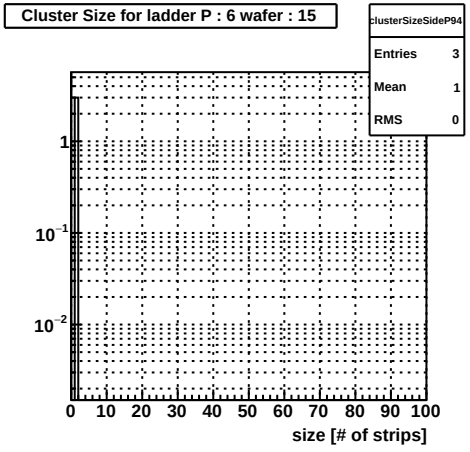

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2214
Mean 1.259
RMS 0.5953
size [# of strips]

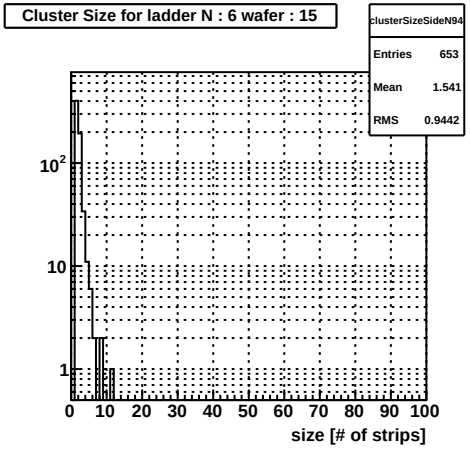

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 610
Mean 1.492
RMS 0.7601
size [# of strips]

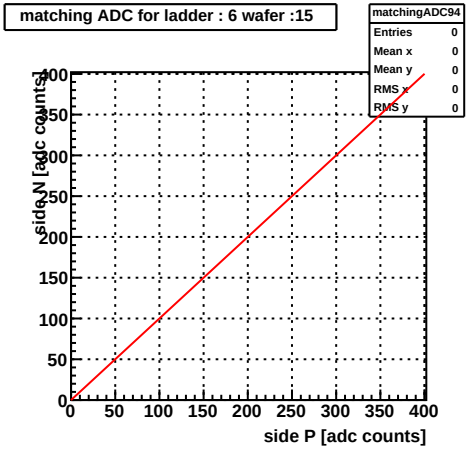

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 341
Mean x 78.67
Mean y 86.67
RMS x 53.9
RMS y 60.91
side N [adc counts]
side P [adc counts]

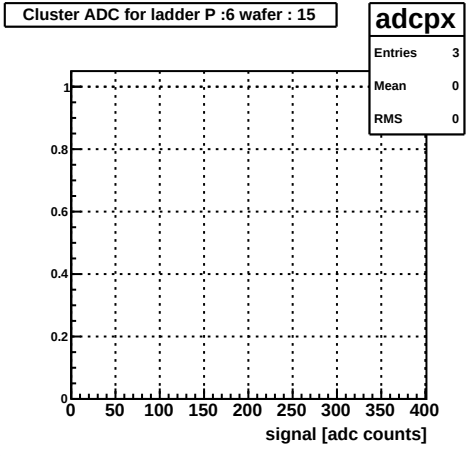

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2214
Mean 55.46
RMS 55.97
signal [adc counts]

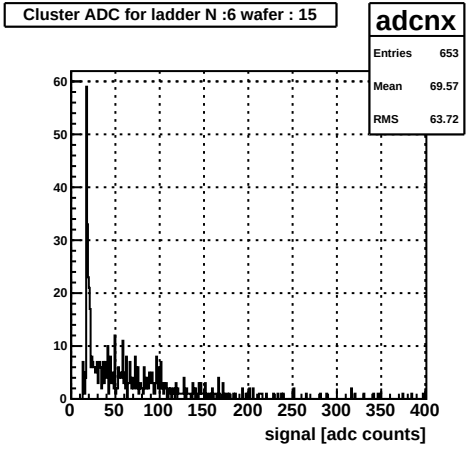

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 610
Mean 71.6
RMS 63.78
signal [adc counts]

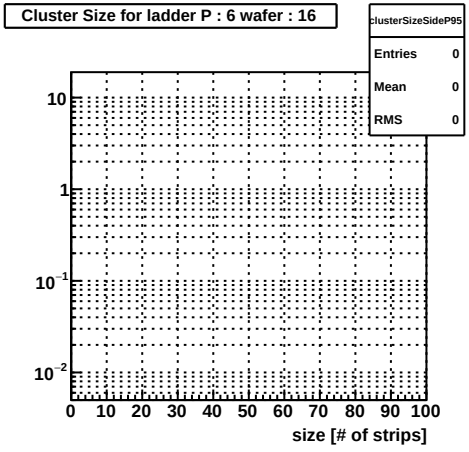

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

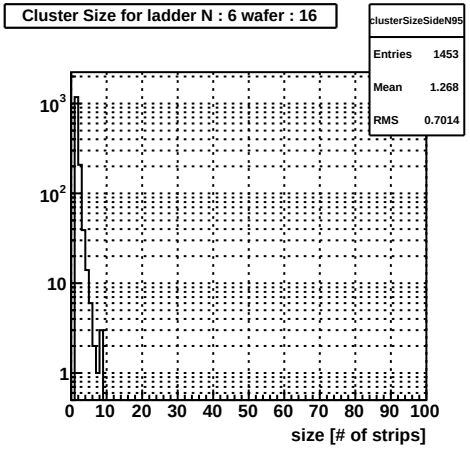

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 653
Mean 1.541
RMS 0.9442
size [# of strips]

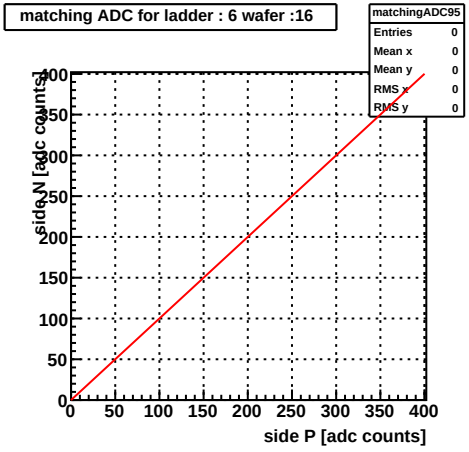

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

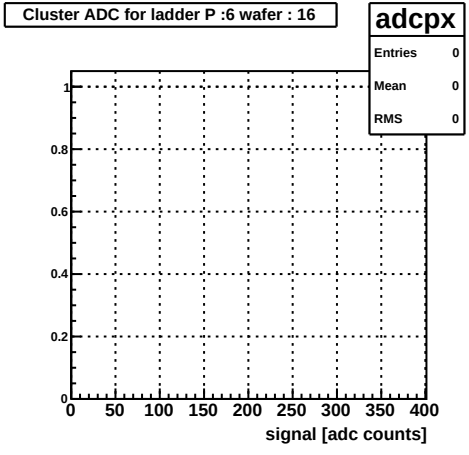

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

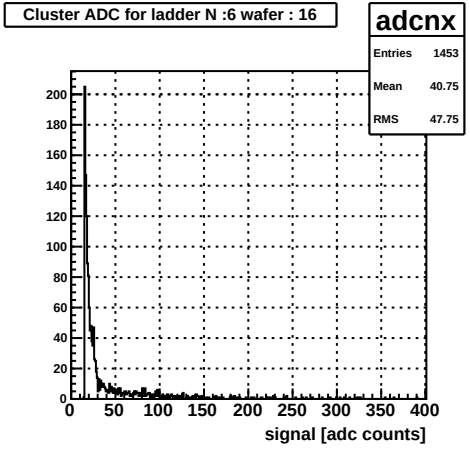

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 653
Mean 69.57
RMS 63.72
signal [adc counts]

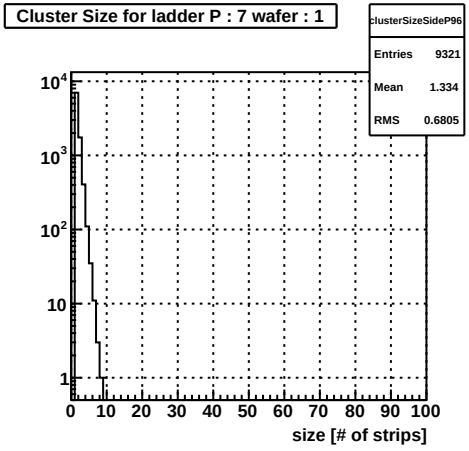

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

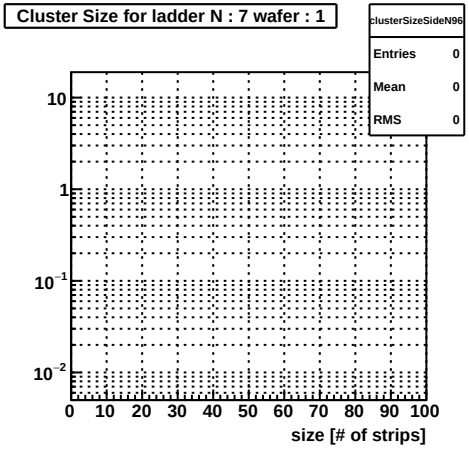

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1453
Mean 1.268
RMS 0.7014
size [# of strips]

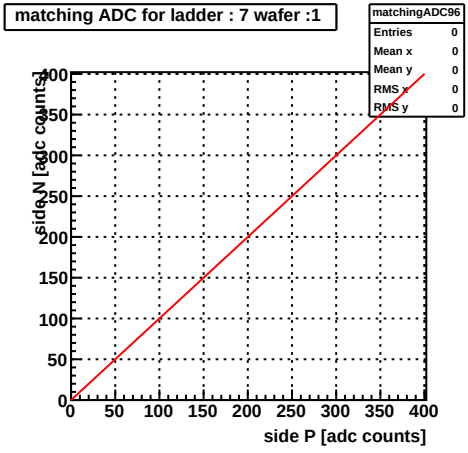

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

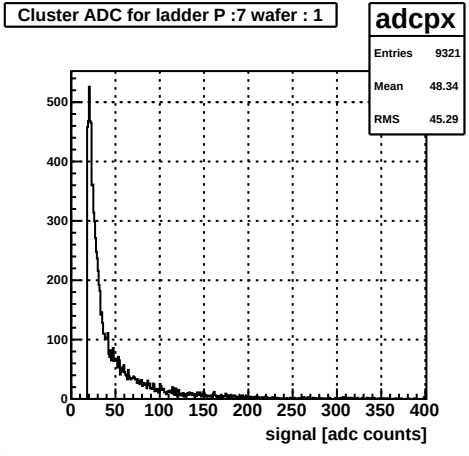

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

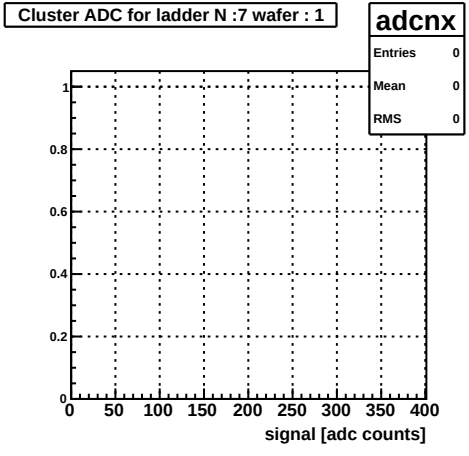

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1453
Mean 40.75
RMS 47.75
signal [adc counts]

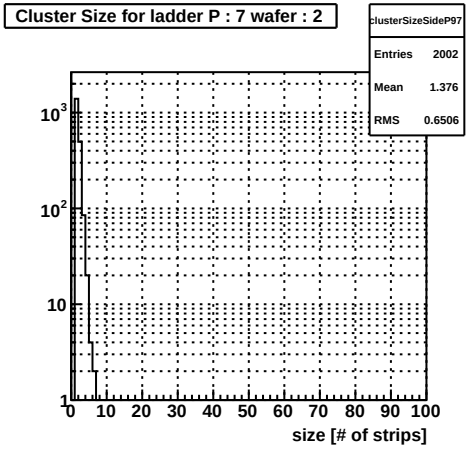

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9321
Mean 1.334
RMS 0.6805
size [# of strips]

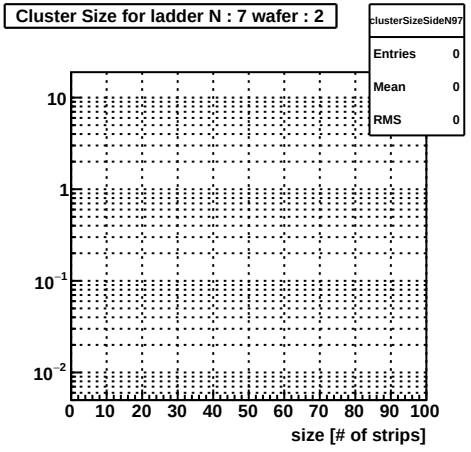

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

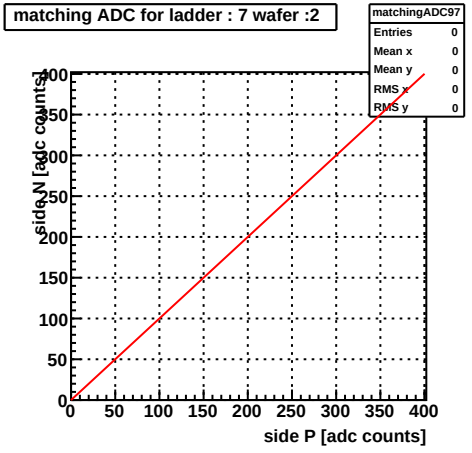

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

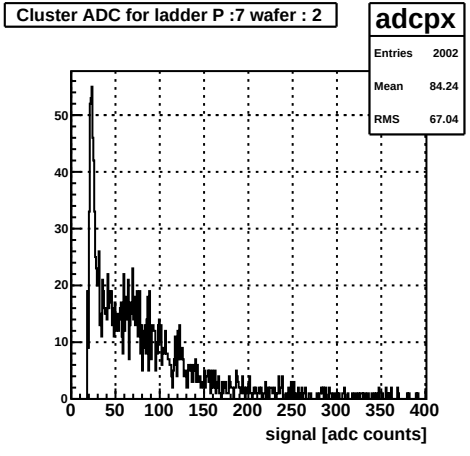

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9321
Mean 48.34
RMS 45.29
signal [adc counts]

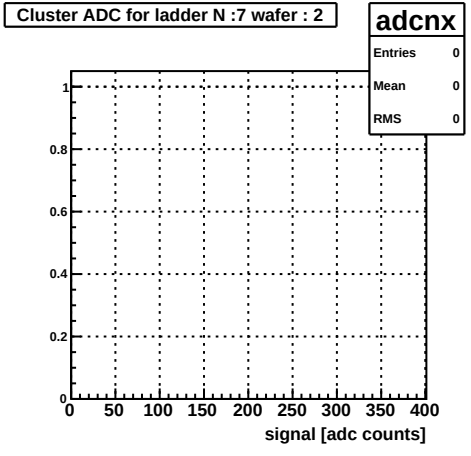

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

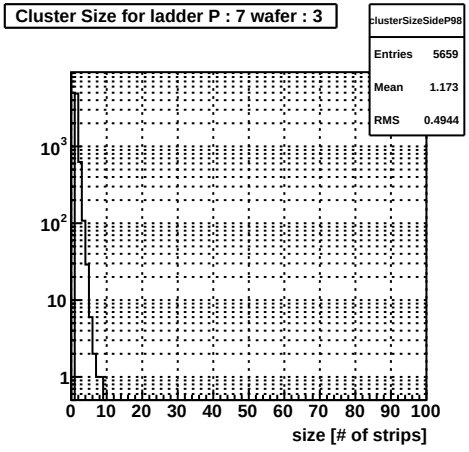

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2002
Mean 1.376
RMS 0.6506
size [# of strips]

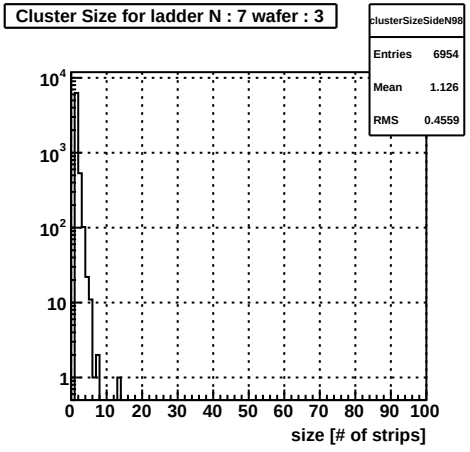

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

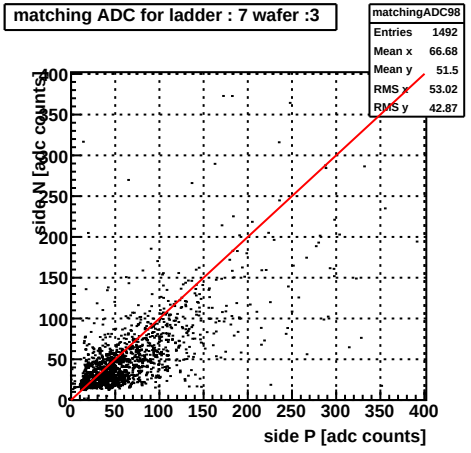

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

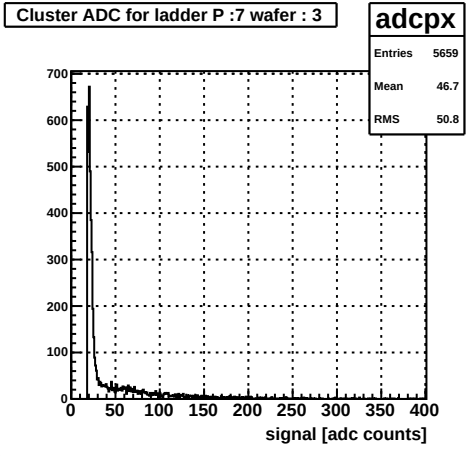

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2002
Mean 84.24
RMS 67.04
signal [adc counts]

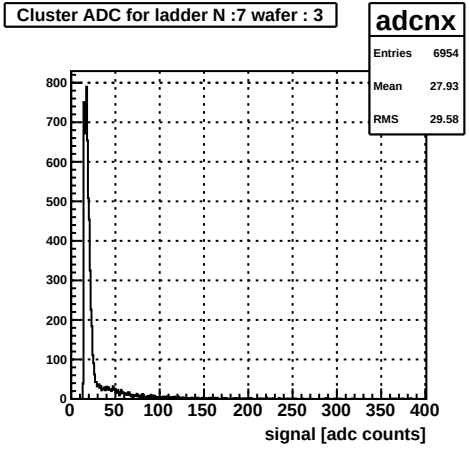

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

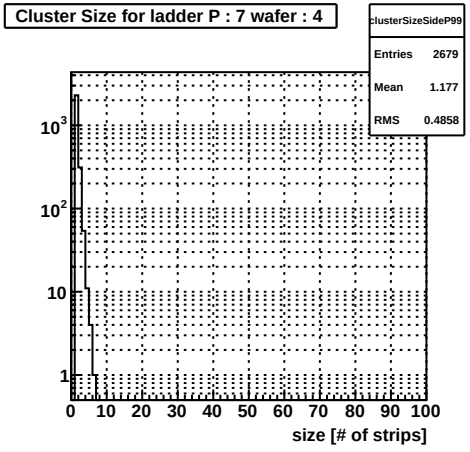

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5659
Mean 1.173
RMS 0.4944
size [# of strips]

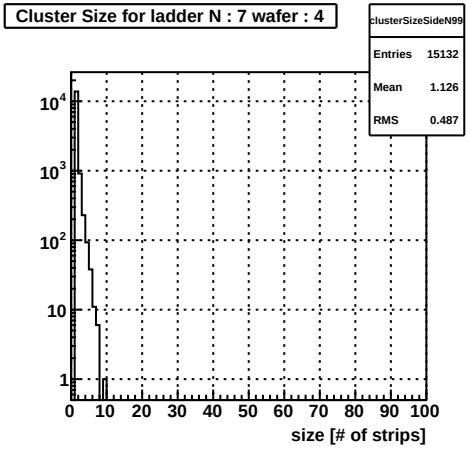

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6954
Mean 1.126
RMS 0.4559
size [# of strips]

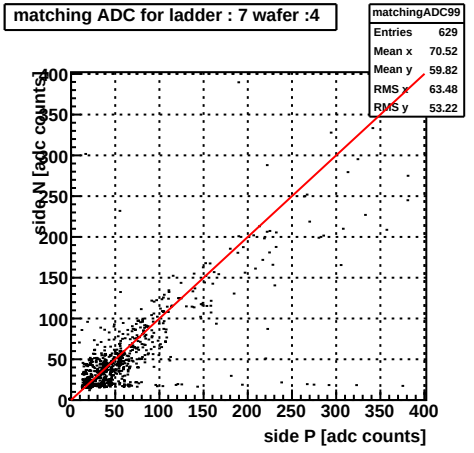

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1492
Mean x 66.68
Mean y 51.5
RMS x 53.02
RMS y 42.87
side N [adc counts]
side P [adc counts]

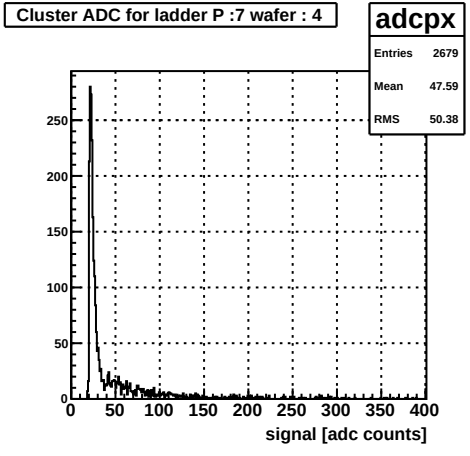

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5659
Mean 46.7
RMS 50.8
signal [adc counts]

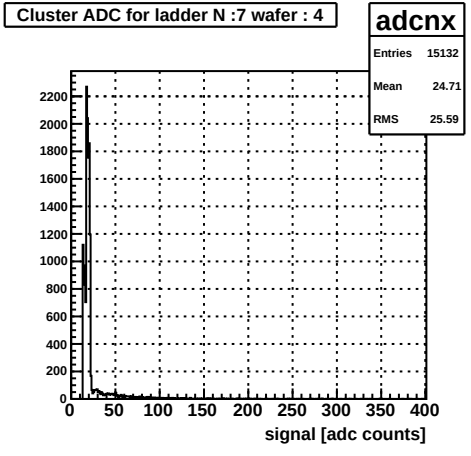

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6954
Mean 27.93
RMS 29.58
signal [adc counts]

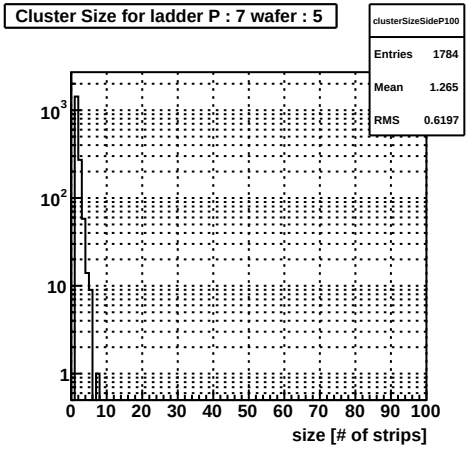

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2679
Mean 1.177
RMS 0.4858
size [# of strips]

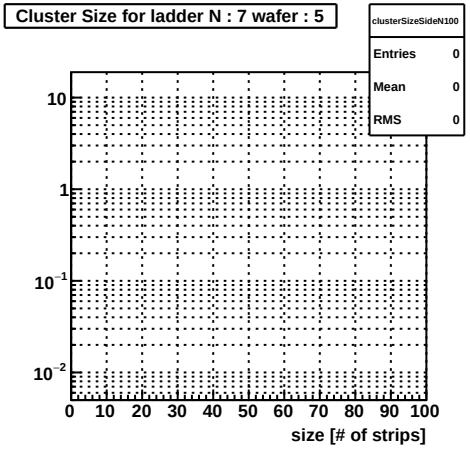

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 15132
Mean 1.126
RMS 0.487
size [# of strips]

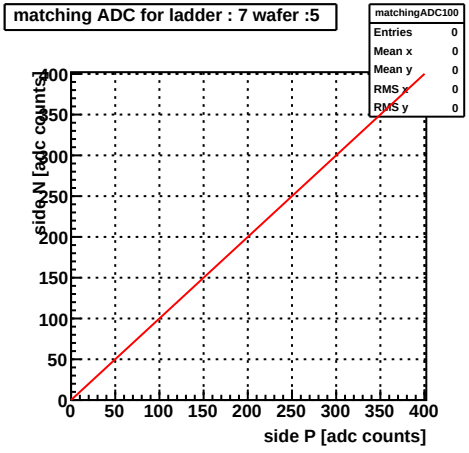

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 629
Mean x 70.52
Mean y 59.82
RMS x 63.48
RMS y 53.22
side N [adc counts]
side P [adc counts]

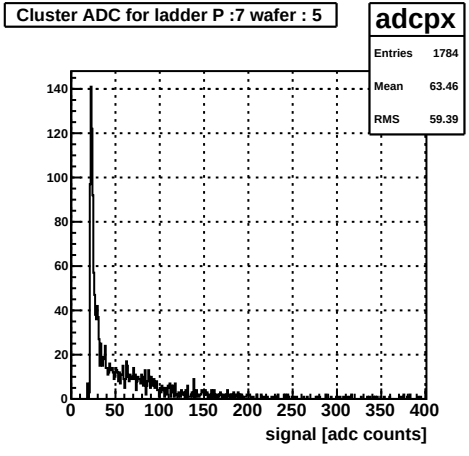

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2679
Mean 47.59
RMS 50.38
signal [adc counts]

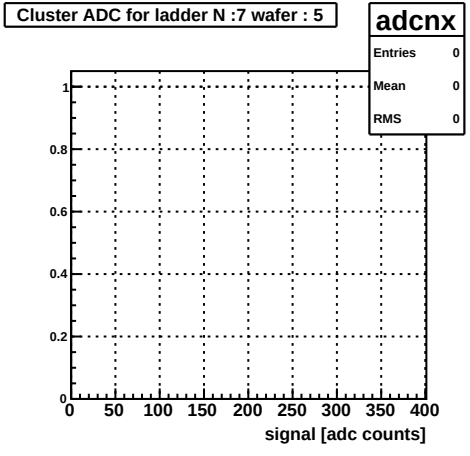

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 15132
Mean 24.71
RMS 25.59
signal [adc counts]

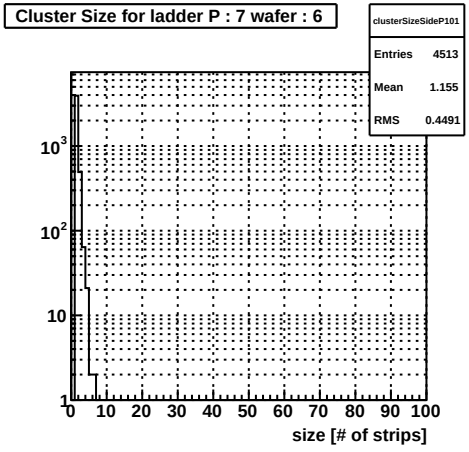

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1784
Mean 1.265
RMS 0.6197
size [# of strips]

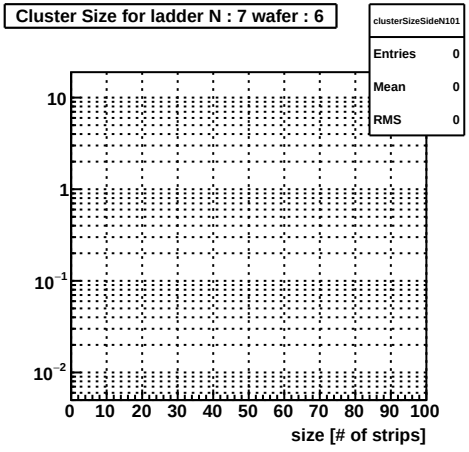

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

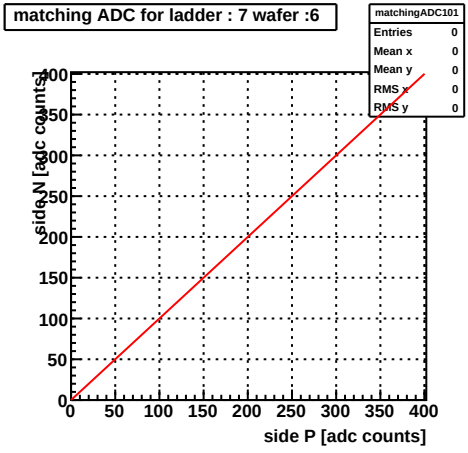

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

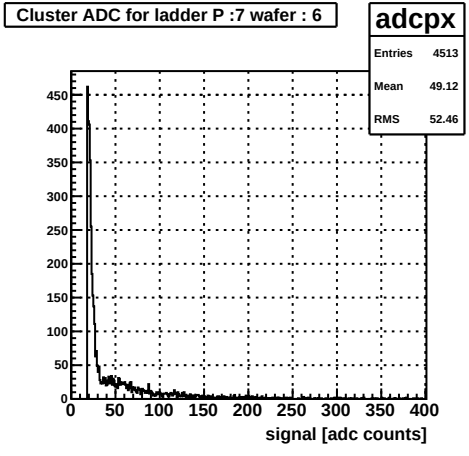

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1784
Mean 63.46
RMS 59.39
signal [adc counts]

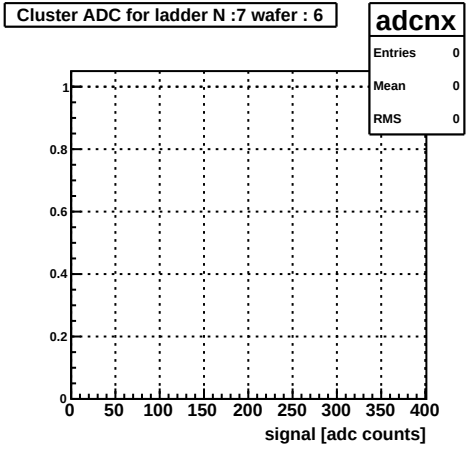

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

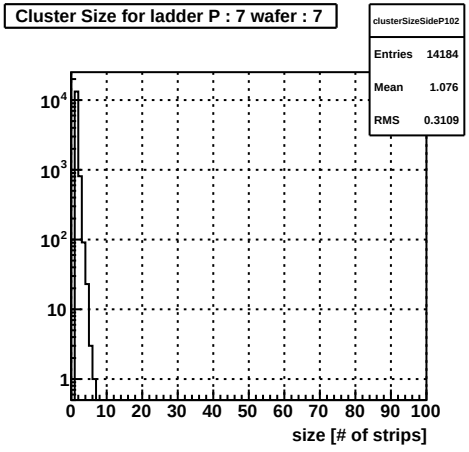

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4513
Mean 1.155
RMS 0.4491
size [# of strips]

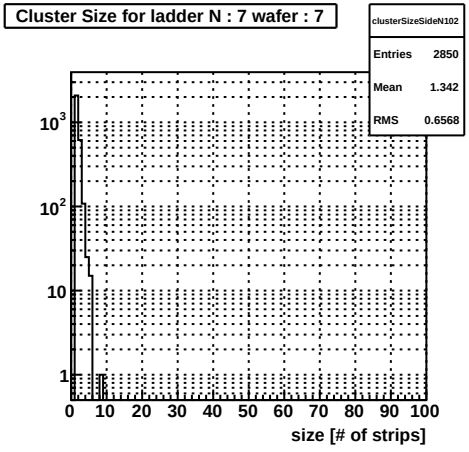

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

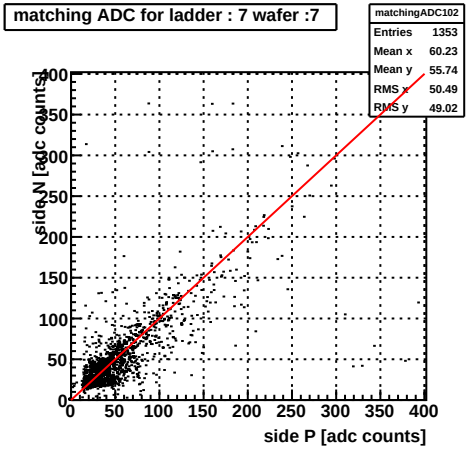

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

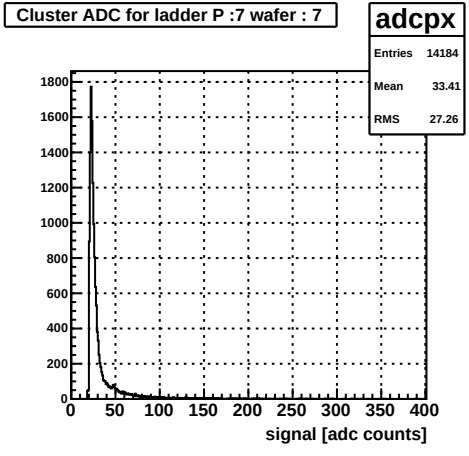

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4513
Mean 49.12
RMS 52.46
signal [adc counts]

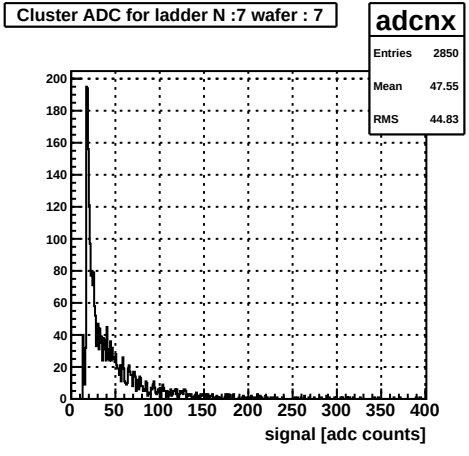

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

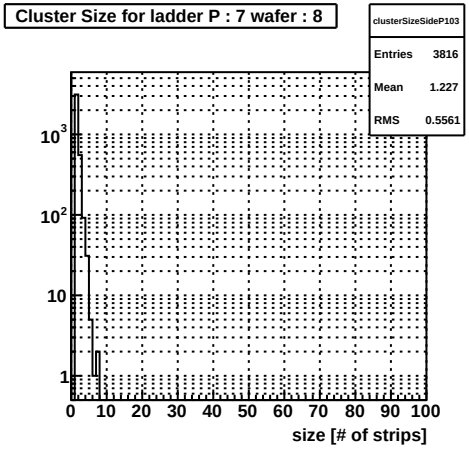

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14184
Mean 1.076
RMS 0.3109
size [# of strips]

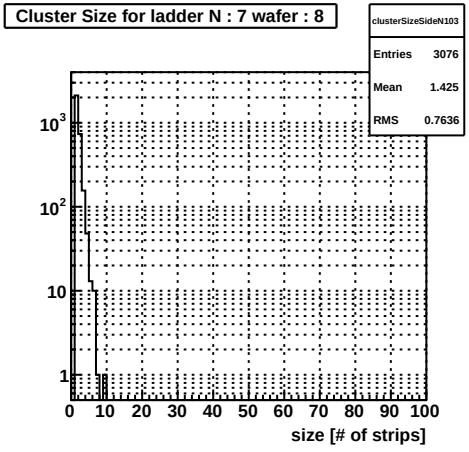

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2850
Mean 1.342
RMS 0.6568
size [# of strips]

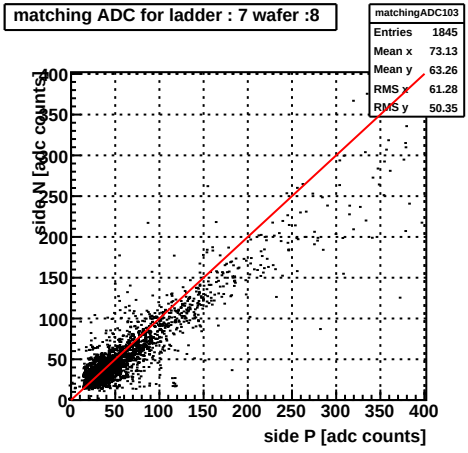

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1353
Mean x 60.23
Mean y 55.74
RMS x 50.49
RMS y 49.02
side N [adc counts]
side P [adc counts]

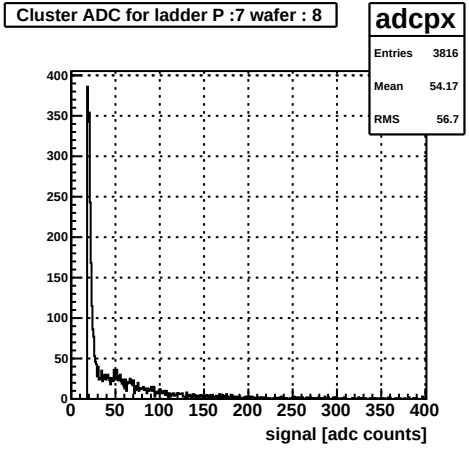

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14184
Mean 33.41
RMS 27.26
signal [adc counts]

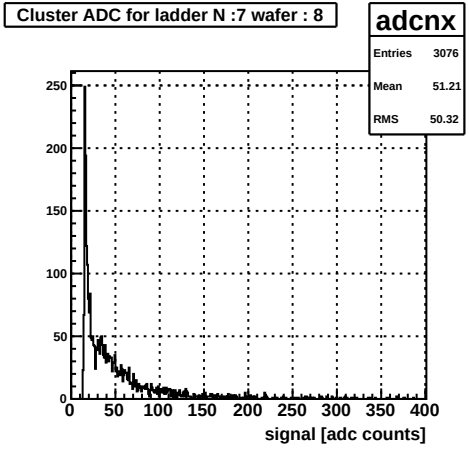

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2850
Mean 47.55
RMS 44.83
signal [adc counts]

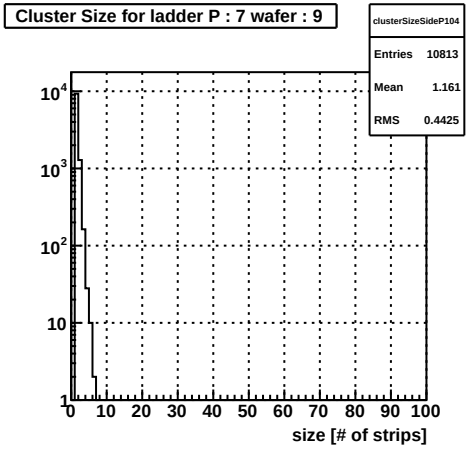

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3816
Mean 1.227
RMS 0.5561
size [# of strips]

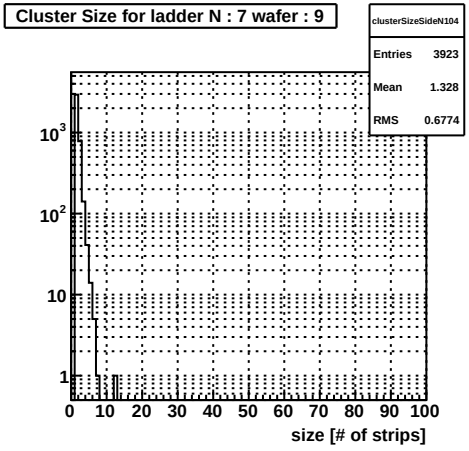

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3076
Mean 1.425
RMS 0.7636
size [# of strips]

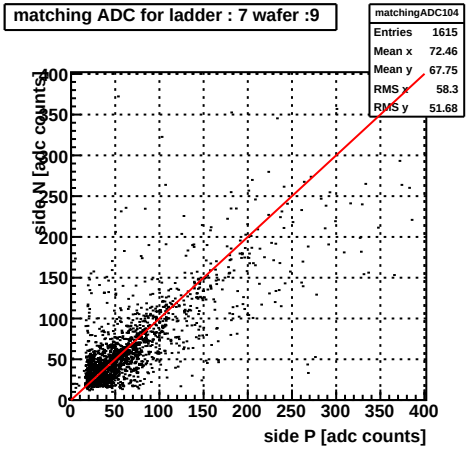

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1845
Mean x 73.13
Mean y 63.26
RMS x 61.28
RMS y 50.35
side N [adc counts]
side P [adc counts]

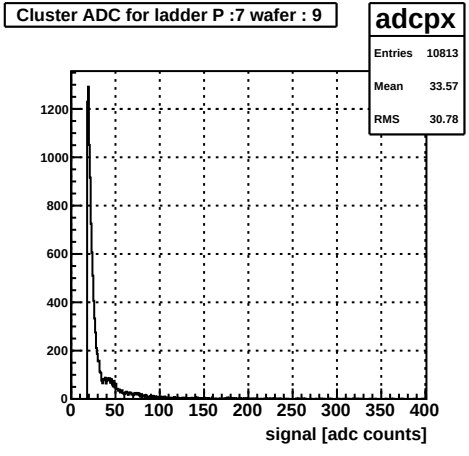

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3816
Mean 54.17
RMS 56.7
signal [adc counts]

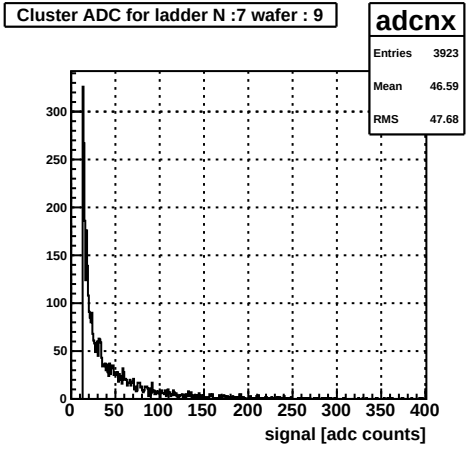

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3076
Mean 51.21
RMS 50.32
signal [adc counts]

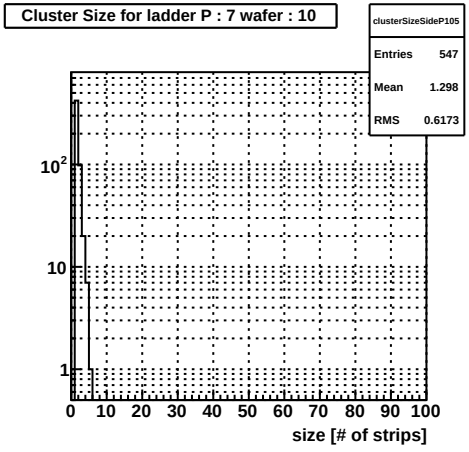

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 10813
Mean 1.161
RMS 0.4425
size [# of strips]

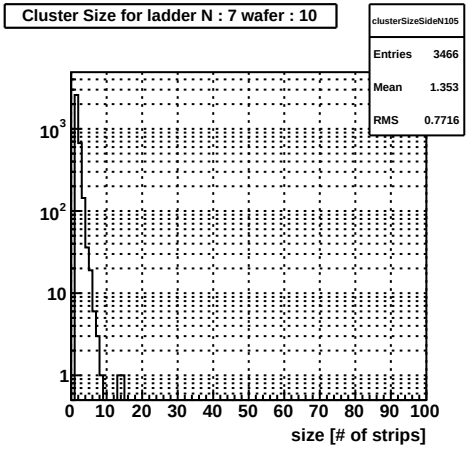

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3923
Mean 1.328
RMS 0.6774
size [# of strips]

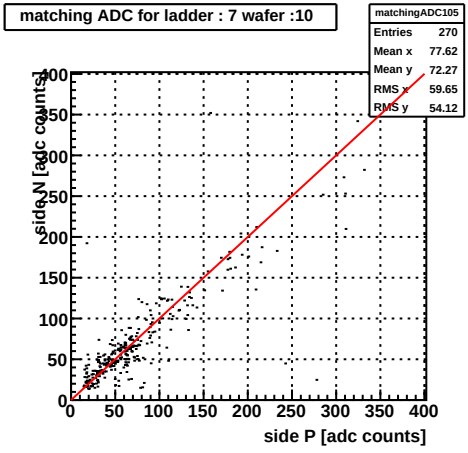

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1615
Mean x 72.46
Mean y 67.75
RMS x 58.3
RMS y 51.68
side N [adc counts]
side P [adc counts]

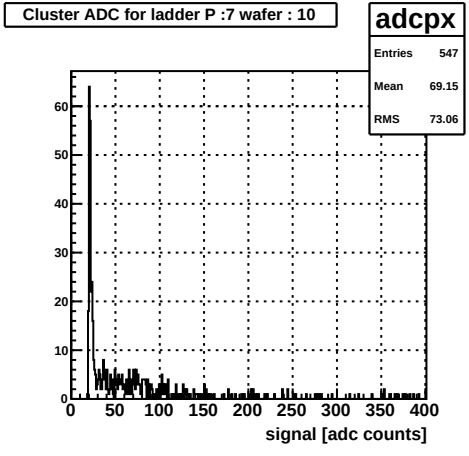

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 10813
Mean 33.57
RMS 30.78
signal [adc counts]

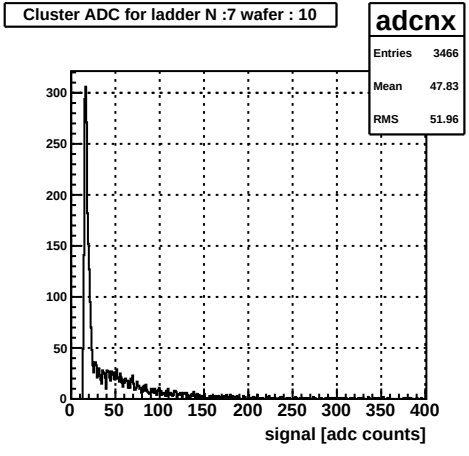

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3923
Mean 46.59
RMS 47.68
signal [adc counts]

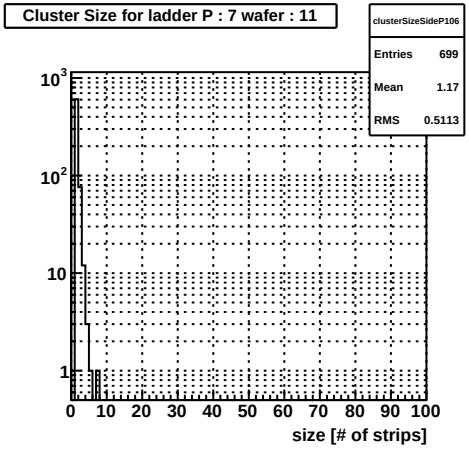

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 547
Mean 1.298
RMS 0.6173
size [# of strips]

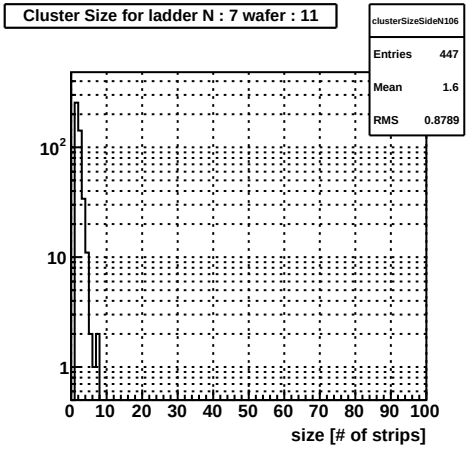

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3466
Mean 1.353
RMS 0.7716
size [# of strips]

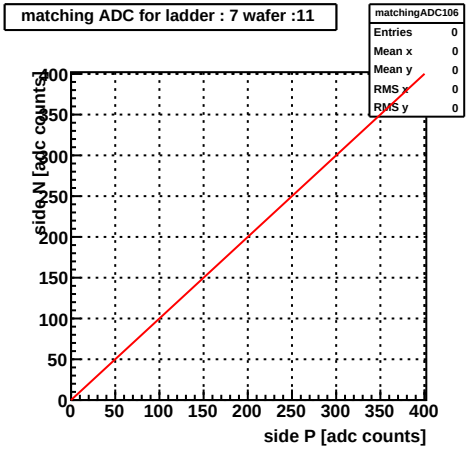

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 270
Mean x 77.62
Mean y 72.27
RMS x 59.65
RMS y 54.12
side N [adc counts]
side P [adc counts]

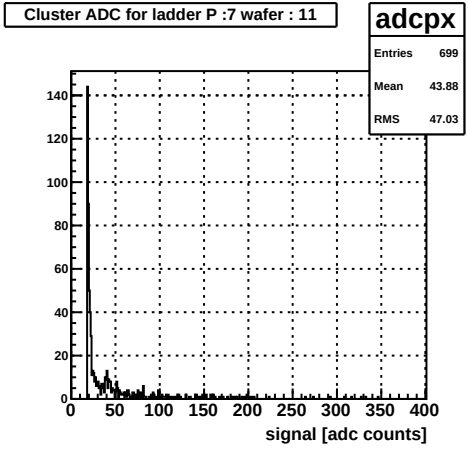

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 547
Mean 69.15
RMS 73.06
signal [adc counts]

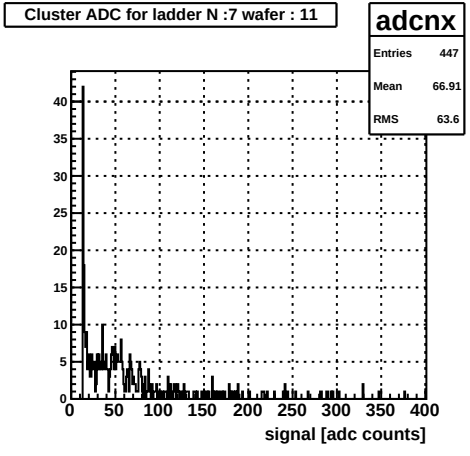

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3466
Mean 47.83
RMS 51.96
signal [adc counts]

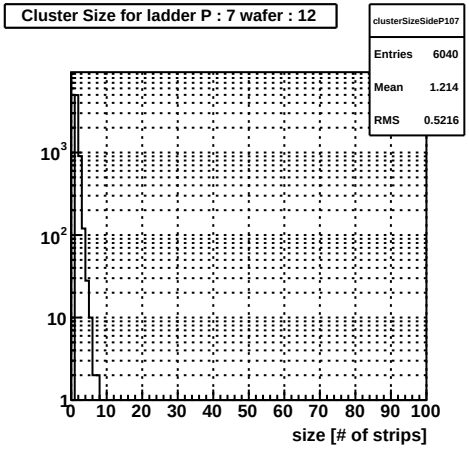

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 699
Mean 1.17
RMS 0.5113
size [# of strips]

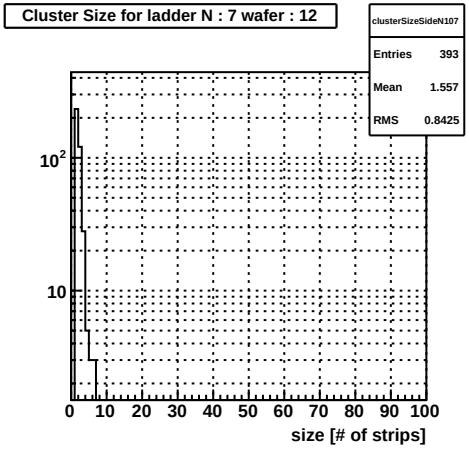

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 447
Mean 1.6
RMS 0.8789
size [# of strips]

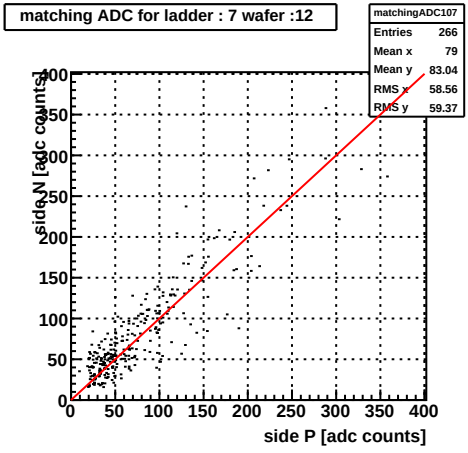

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

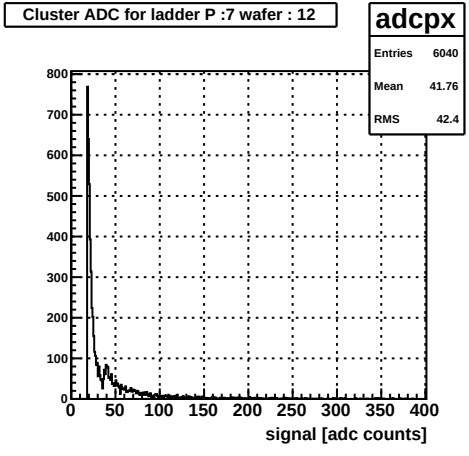

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 699
Mean 43.88
RMS 47.03
signal [adc counts]

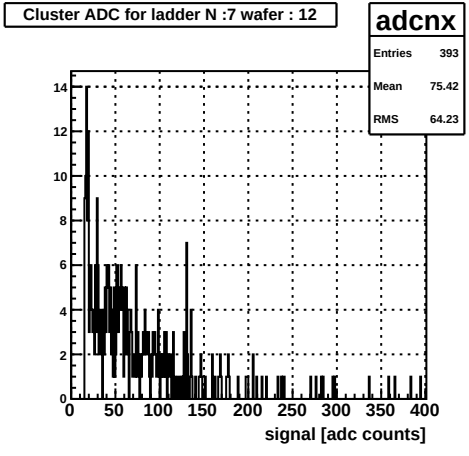

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 447
Mean 66.91
RMS 63.6
signal [adc counts]

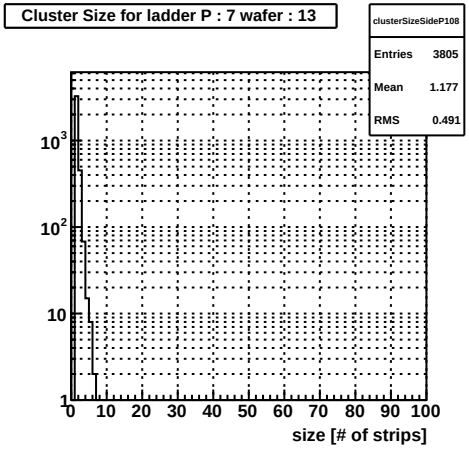

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 6040
Mean 1.214
RMS 0.5216
size [# of strips]

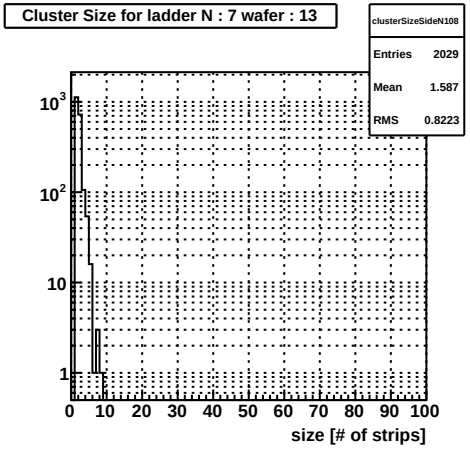

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 393
Mean 1.557
RMS 0.8425
size [# of strips]

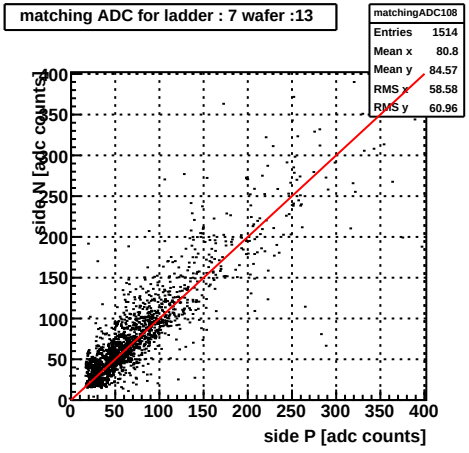

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 266
Mean x 79
Mean y 83.04
RMS x 58.56
RMS y 59.37
side N [adc counts]
side P [adc counts]

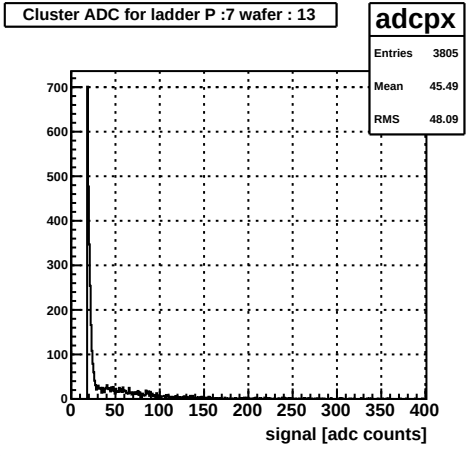

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 6040
Mean 41.76
RMS 42.4
signal [adc counts]

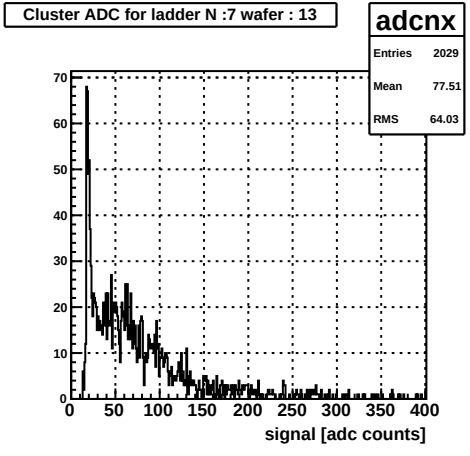

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 393
Mean 75.42
RMS 64.23
signal [adc counts]

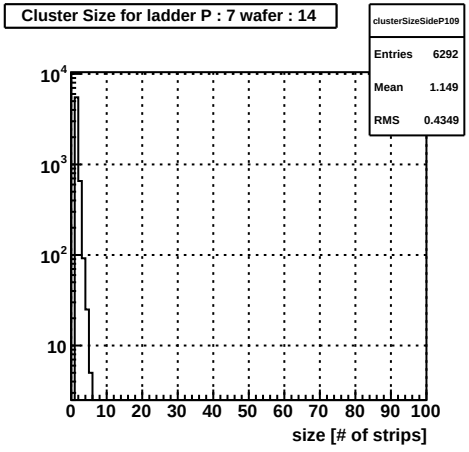

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3805
Mean 1.177
RMS 0.491
size [# of strips]

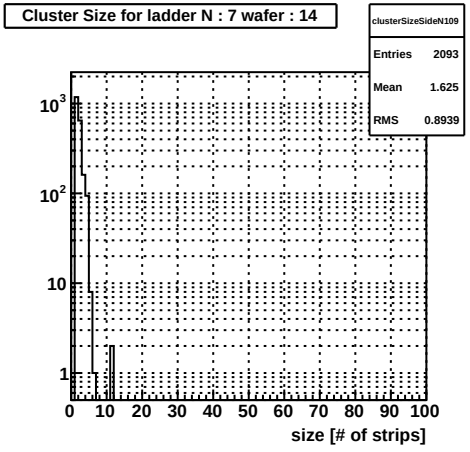

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2029
Mean 1.587
RMS 0.8223
size [# of strips]

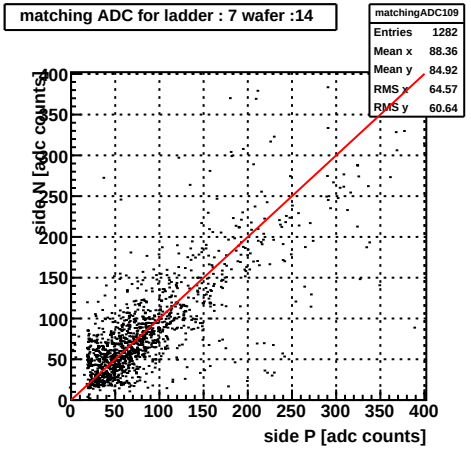

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1514
Mean x 80.8
Mean y 84.57
RMS x 58.58
RMS y 60.96
side N [adc counts]
side P [adc counts]

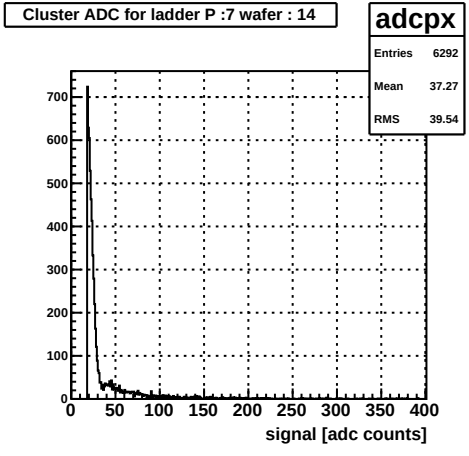

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3805
Mean 45.49
RMS 48.09
signal [adc counts]

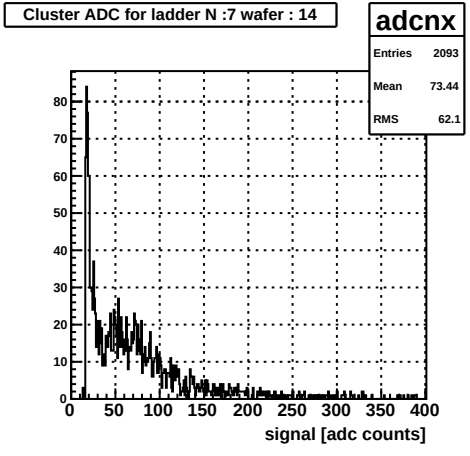

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2029
Mean 77.51
RMS 64.03
signal [adc counts]

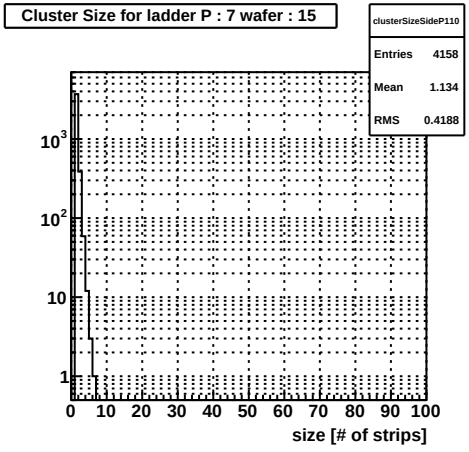

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6292
Mean 1.149
RMS 0.4349
size [# of strips]

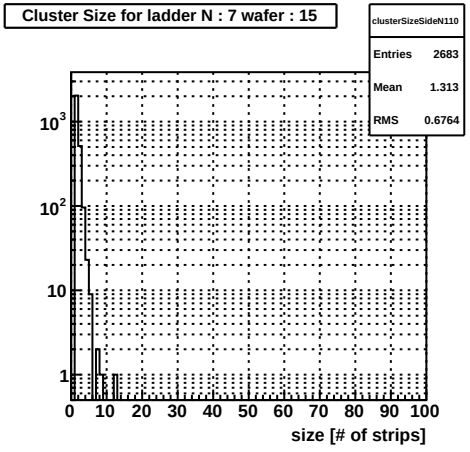

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2093
Mean 1.625
RMS 0.8939
size [# of strips]

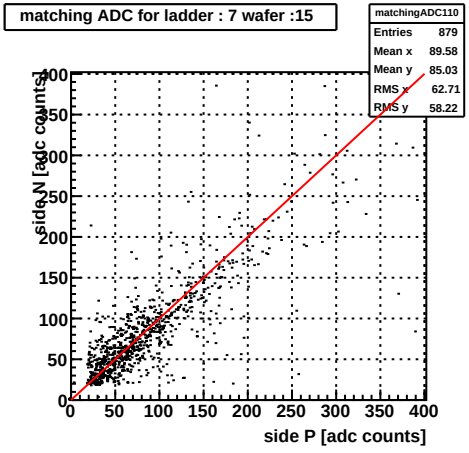

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1282
Mean x 88.36
Mean y 84.92
RMS x 64.57
RMS y 60.64
side N [adc counts]
side P [adc counts]

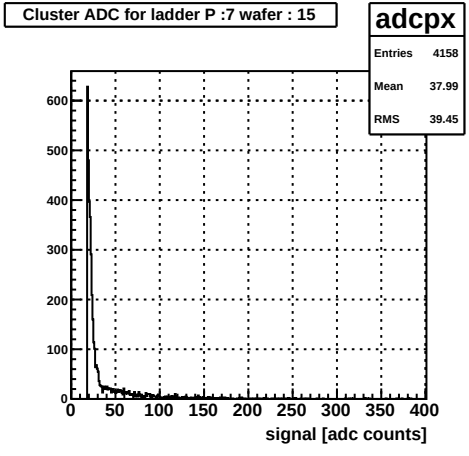

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6292
Mean 37.27
RMS 39.54
signal [adc counts]

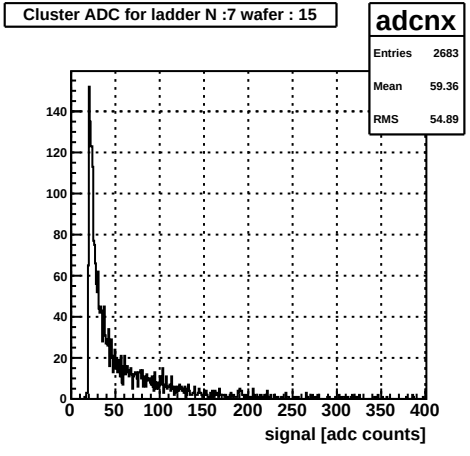

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2093
Mean 73.44
RMS 62.1
signal [adc counts]

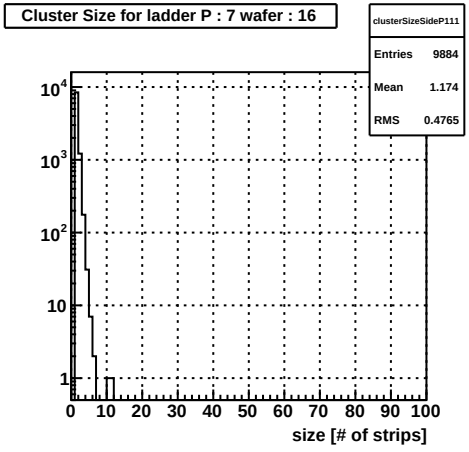

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 4158
Mean 1.134
RMS 0.4188
size [# of strips]

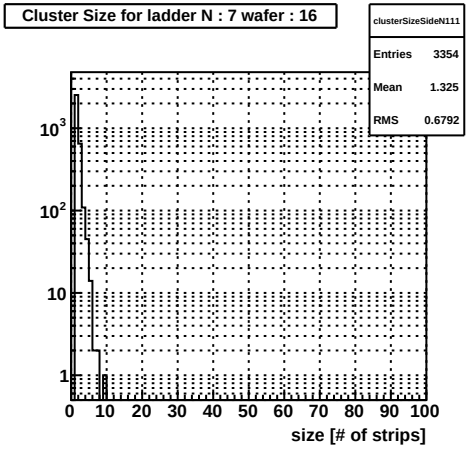

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2683
Mean 1.313
RMS 0.6764
size [# of strips]

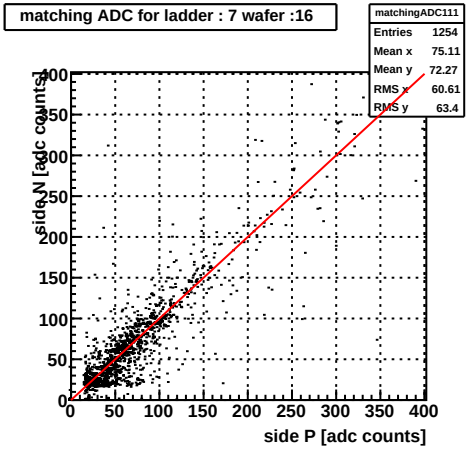

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 879
Mean x 89.58
Mean y 85.03
RMS x 62.71
RMS y 58.22
side N [adc counts]
side P [adc counts]

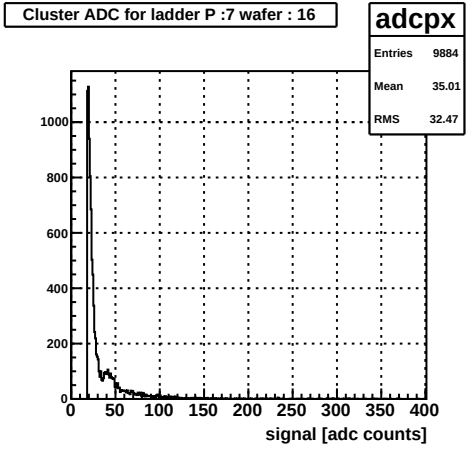

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 4158
Mean 37.99
RMS 39.45
signal [adc counts]

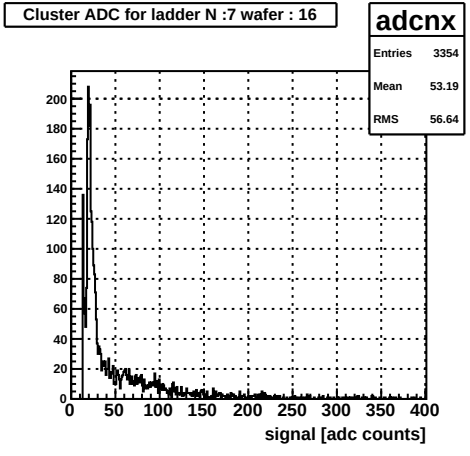

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2683
Mean 59.36
RMS 54.89
signal [adc counts]

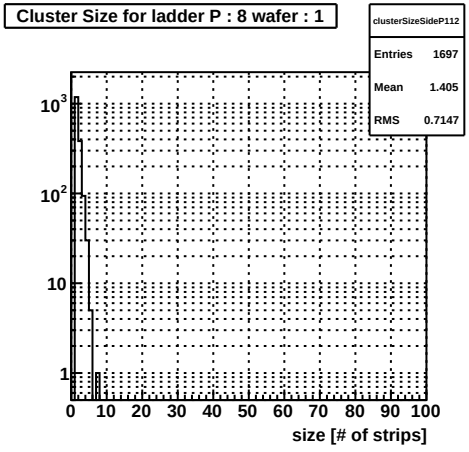

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9884
Mean 1.174
RMS 0.4765
size [# of strips]

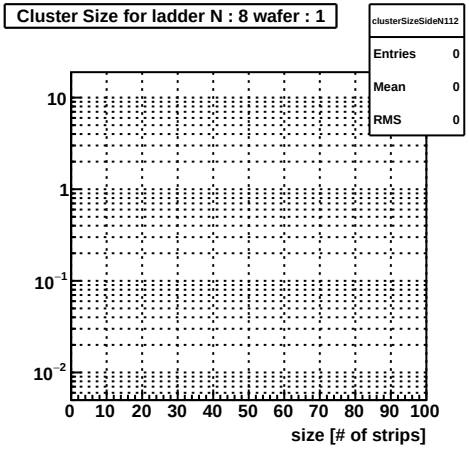

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3354
Mean 1.325
RMS 0.6792
size [# of strips]

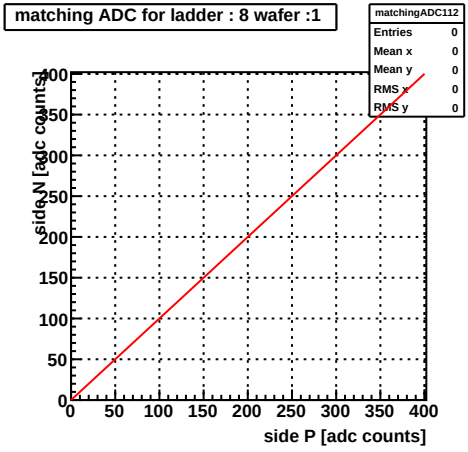

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1254
Mean x 75.11
Mean y 72.27
RMS x 60.61
RMS y 63.4
side N [adc counts]
side P [adc counts]

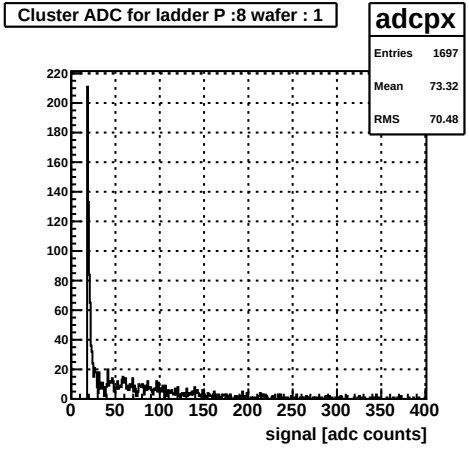

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9884
Mean 35.01
RMS 32.47
signal [adc counts]

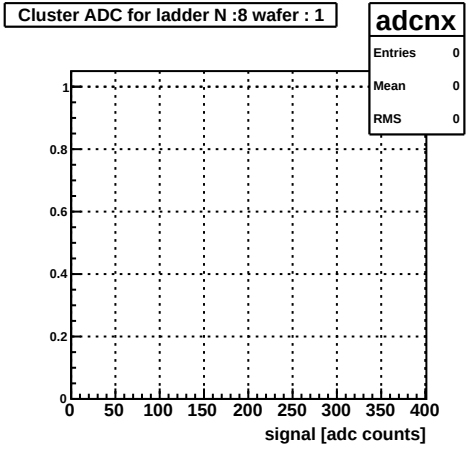

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3354
Mean 53.19
RMS 56.64
signal [adc counts]

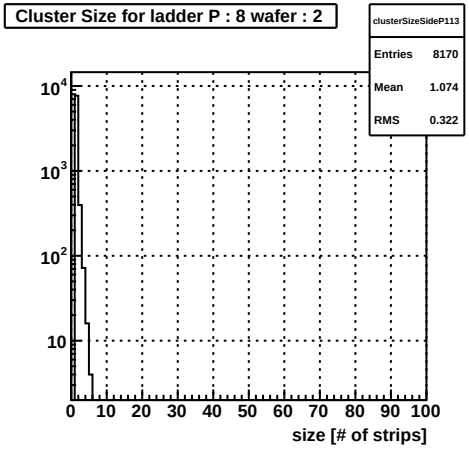

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1697
Mean 1.405
RMS 0.7147
size [# of strips]

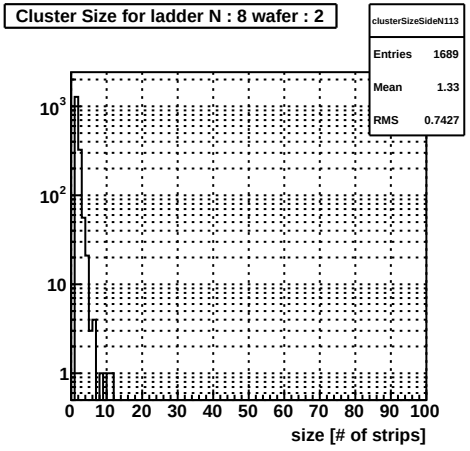

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

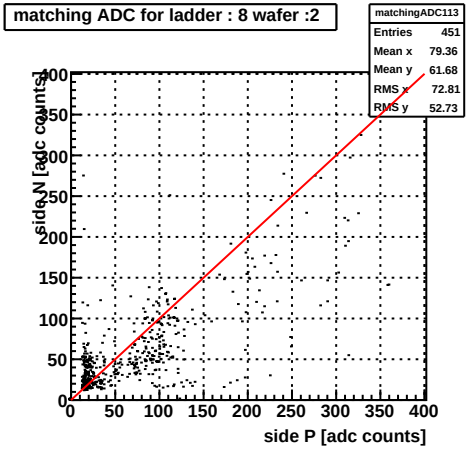

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

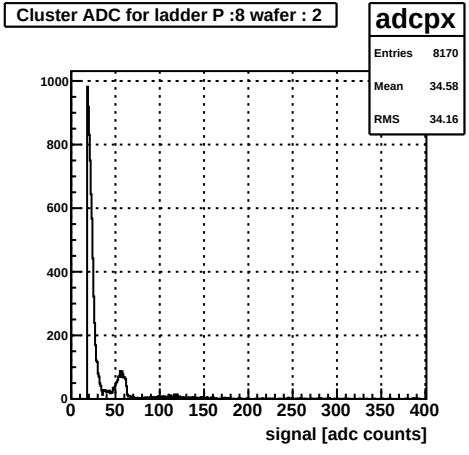

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1697
Mean 73.32
RMS 70.48
signal [adc counts]

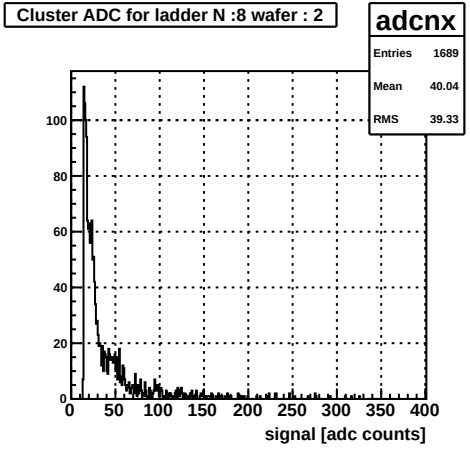

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

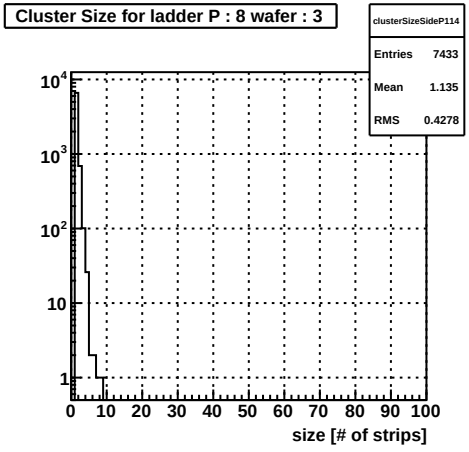

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8170
Mean 1.074
RMS 0.322
size [# of strips]

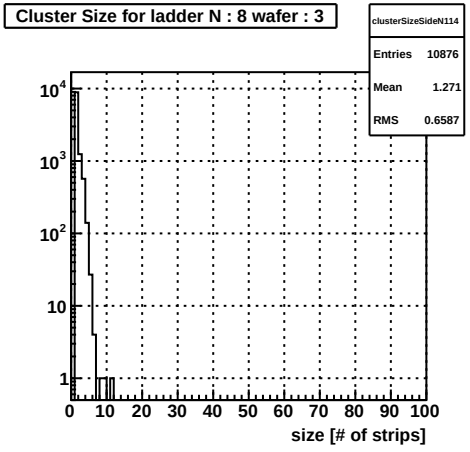

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1689
Mean 1.33
RMS 0.7427
size [# of strips]

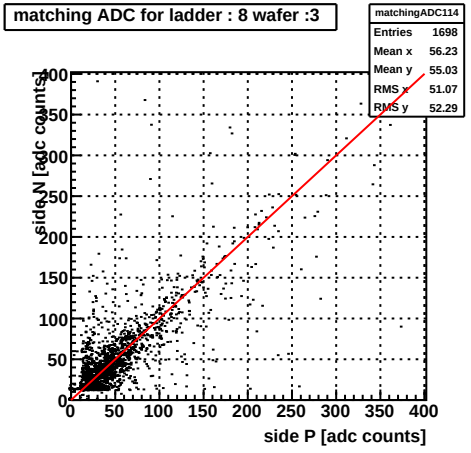

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 451
Mean x 79.36
Mean y 61.68
RMS x 72.81
RMS y 52.73
side N [adc counts]
side P [adc counts]

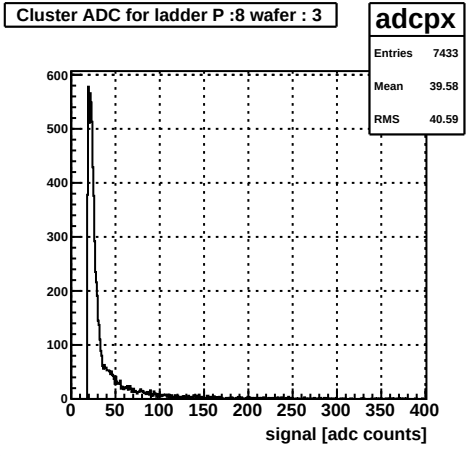

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8170
Mean 34.58
RMS 34.16
signal [adc counts]

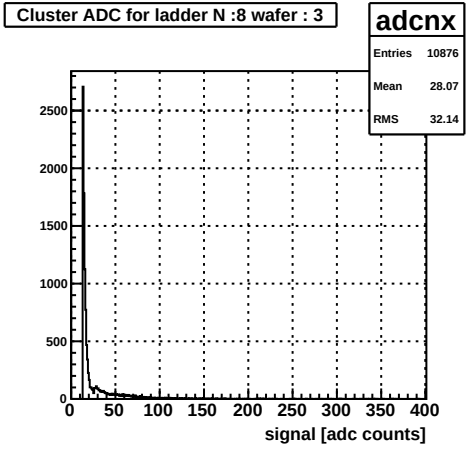

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1689
Mean 40.04
RMS 39.33
signal [adc counts]

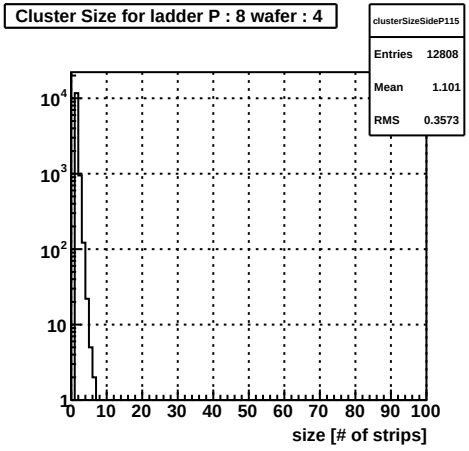

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7433
Mean 1.135
RMS 0.4278
size [# of strips]

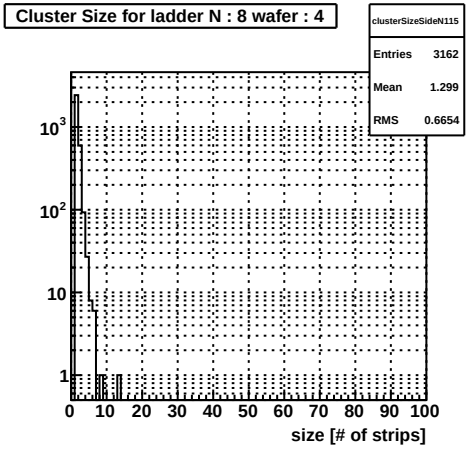

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10876
Mean 1.271
RMS 0.6587
size [# of strips]

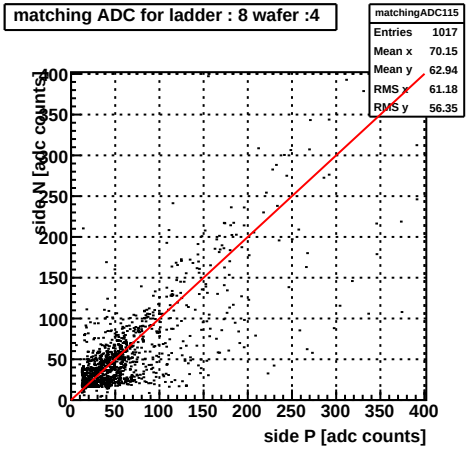

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1698
Mean x 56.23
Mean y 55.03
RMS x 51.07
RMS y 52.29
side N [adc counts]
side P [adc counts]

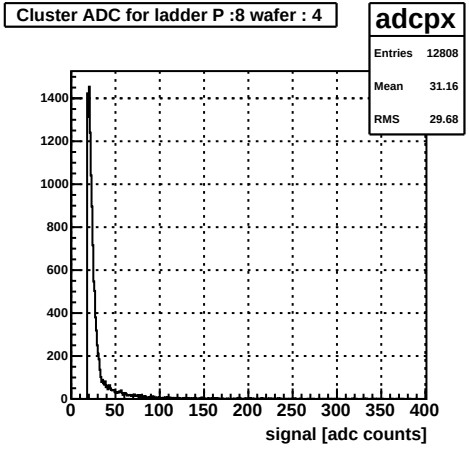

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7433
Mean 39.58
RMS 40.59
signal [adc counts]

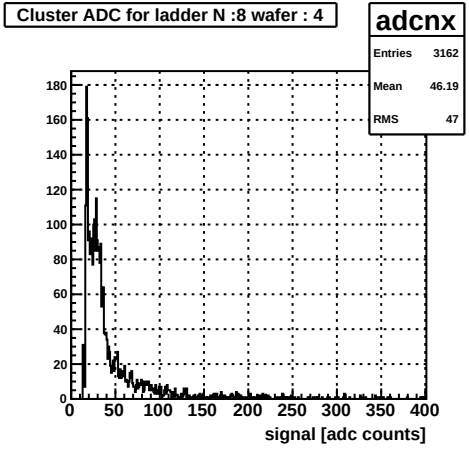

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10876
Mean 28.07
RMS 32.14
signal [adc counts]

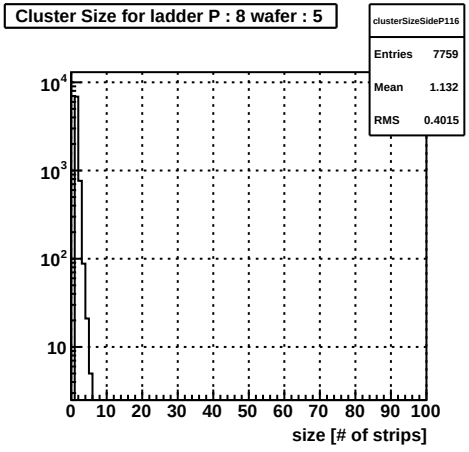

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12808
Mean 1.101
RMS 0.3573
size [# of strips]

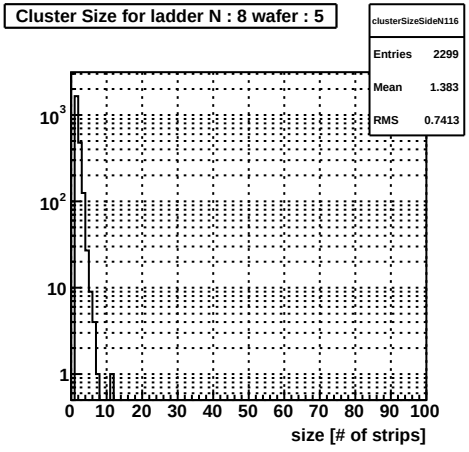

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3162
Mean 1.299
RMS 0.6654
size [# of strips]

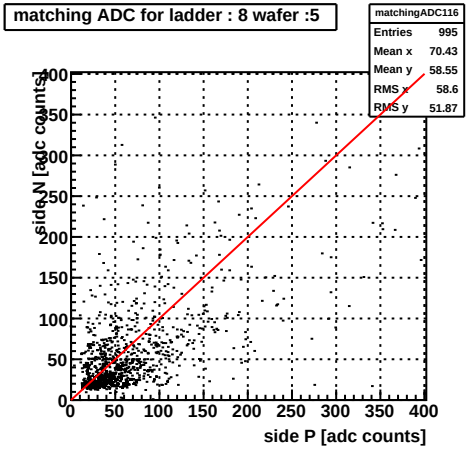

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1017
Mean x 70.15
Mean y 62.94
RMS x 61.18
RMS y 56.35
side N [adc counts]
side P [adc counts]

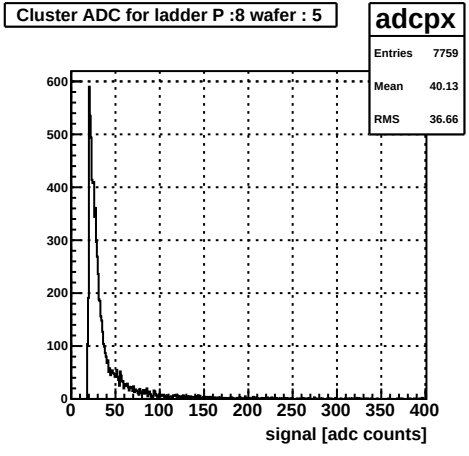

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12808
Mean 31.16
RMS 29.68
signal [adc counts]

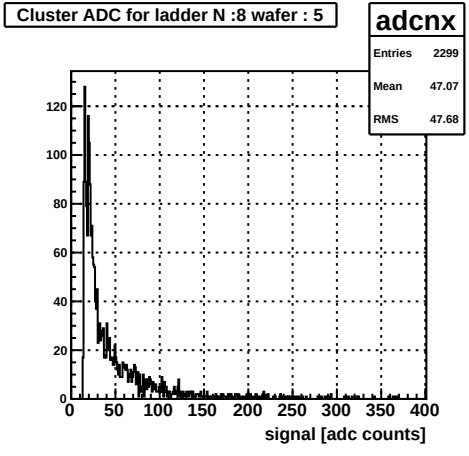

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3162
Mean 46.19
RMS 47
signal [adc counts]

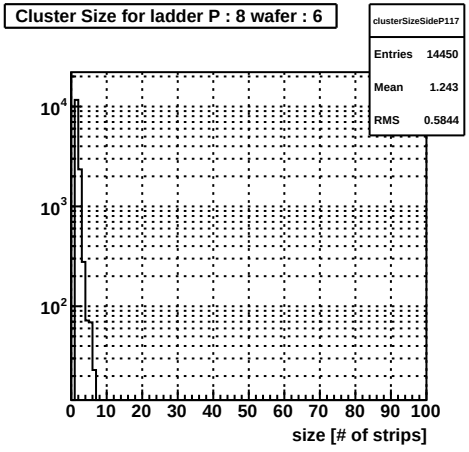

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7759
Mean 1.132
RMS 0.4015
size [# of strips]

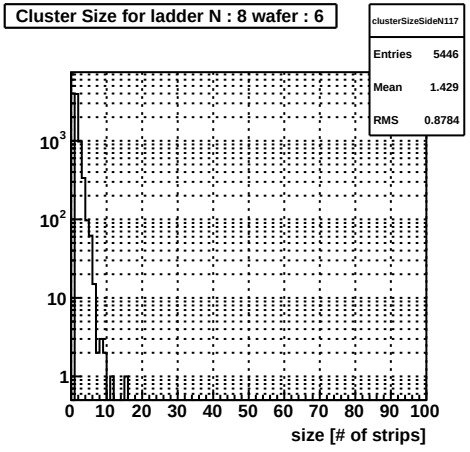

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2299
Mean 1.383
RMS 0.7413
size [# of strips]

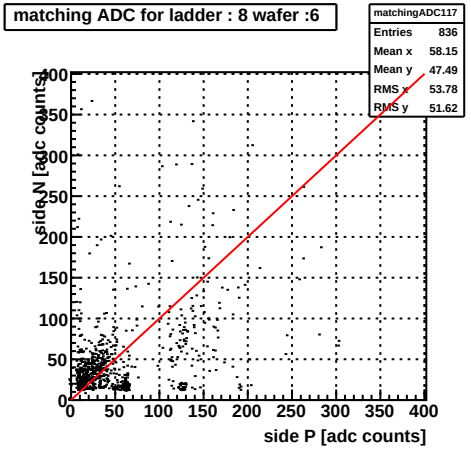

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 995
Mean x 70.43
Mean y 58.55
RMS x 58.6
RMS y 51.87
side N [adc counts]
side P [adc counts]

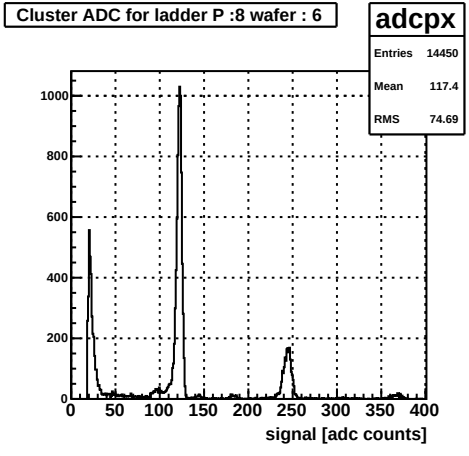

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7759
Mean 40.13
RMS 36.66
signal [adc counts]

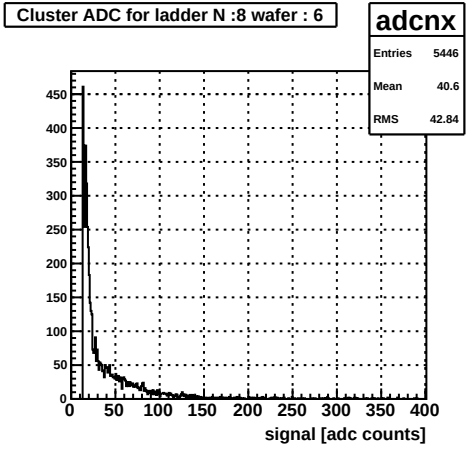

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2299
Mean 47.07
RMS 47.68
signal [adc counts]

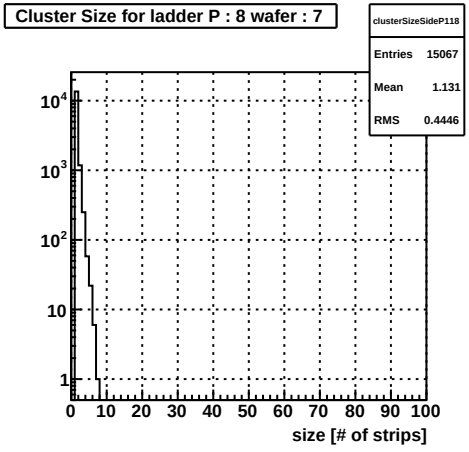

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14450
Mean 1.243
RMS 0.5844
size [# of strips]

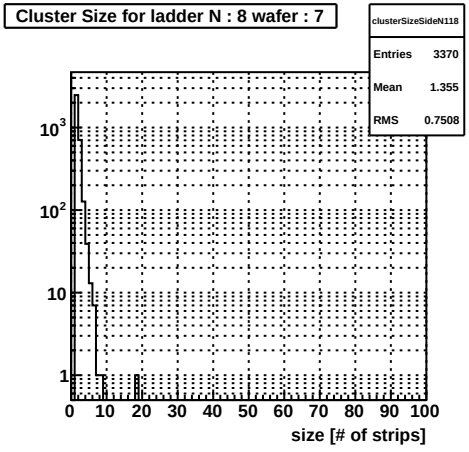

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5446
Mean 1.429
RMS 0.8784
size [# of strips]

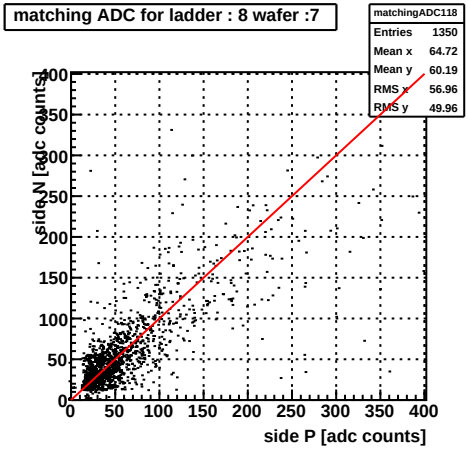

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 836
Mean x 58.15
Mean y 47.49
RMS x 53.78
RMS y 51.62
side N [adc counts]
side P [adc counts]

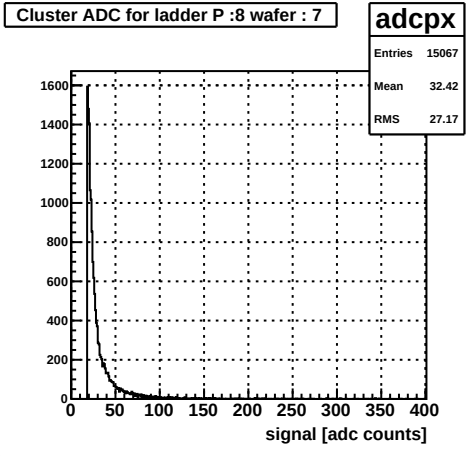

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14450
Mean 117.4
RMS 74.69
signal [adc counts]

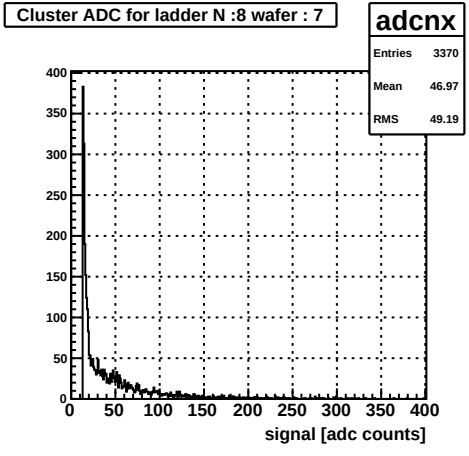

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5446
Mean 40.6
RMS 42.84
signal [adc counts]

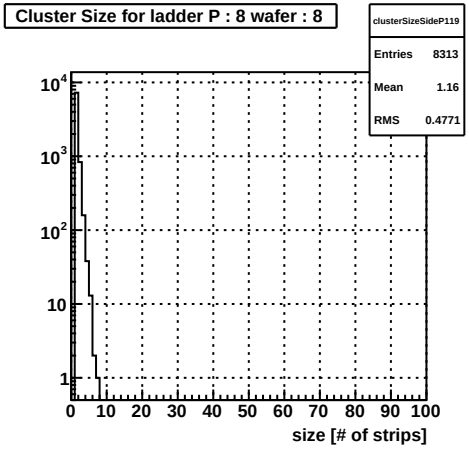

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15067
Mean 1.131
RMS 0.4446
size [# of strips]

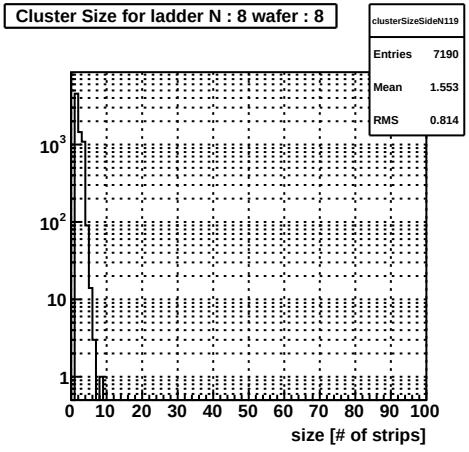

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3370
Mean 1.355
RMS 0.7508
size [# of strips]

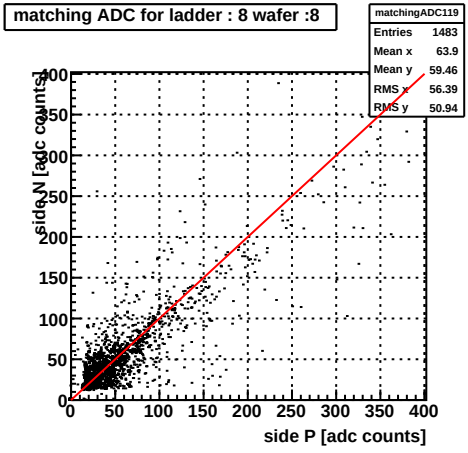

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1350
Mean x 64.72
Mean y 60.19
RMS x 56.96
RMS y 49.96
side N [adc counts]
side P [adc counts]

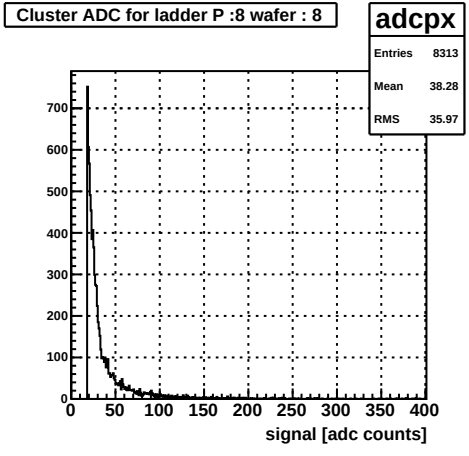

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15067
Mean 32.42
RMS 27.17
signal [adc counts]

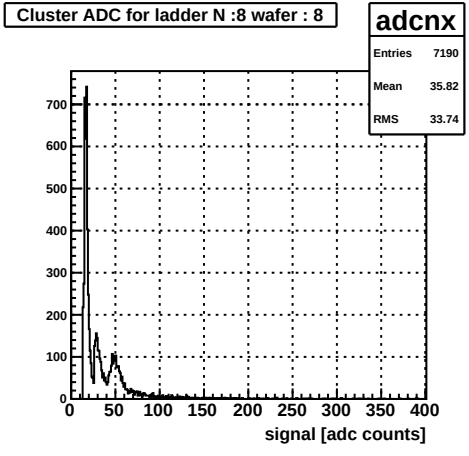

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3370
Mean 46.97
RMS 49.19
signal [adc counts]

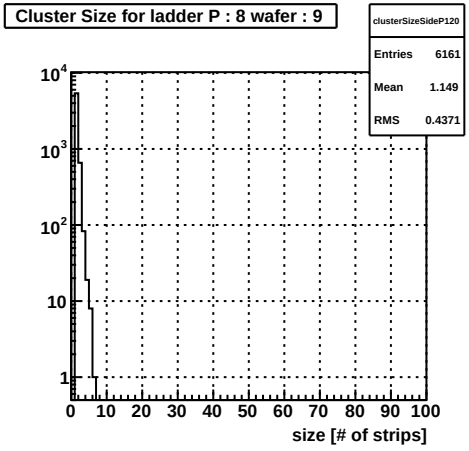

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8313
Mean 1.16
RMS 0.4771
size [# of strips]

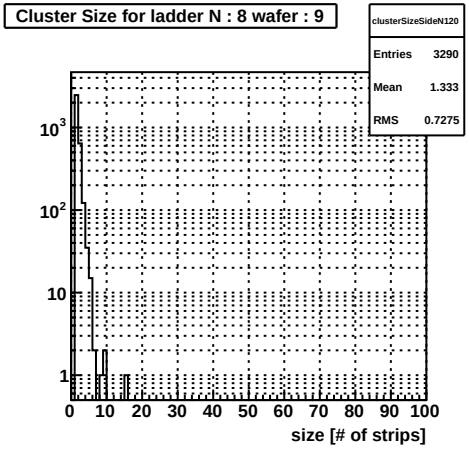

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7190
Mean 1.553
RMS 0.814
size [# of strips]

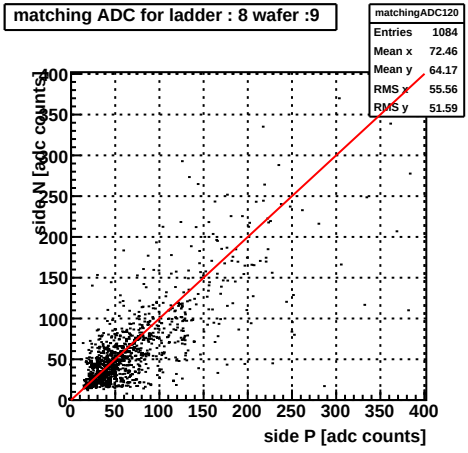

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1483
Mean x 63.9
Mean y 59.46
RMS x 56.39
RMS y 50.94
side N [adc counts]
side P [adc counts]

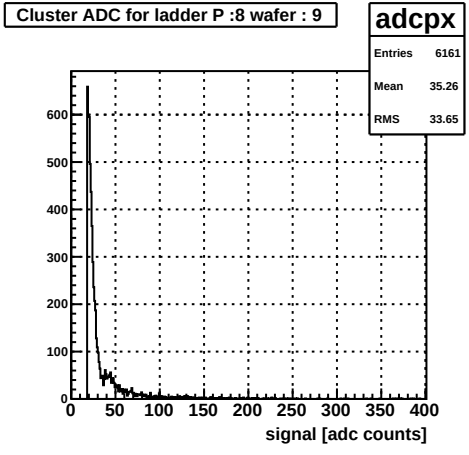

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8313
Mean 38.28
RMS 35.97
signal [adc counts]

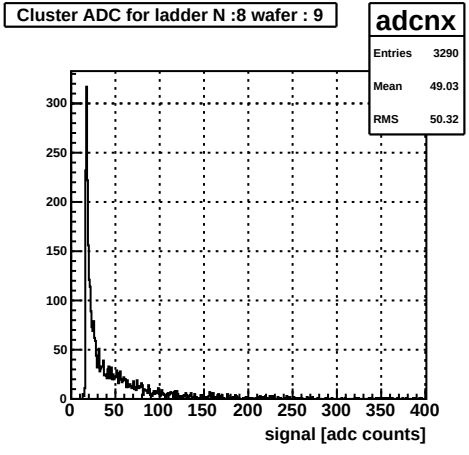

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7190
Mean 35.82
RMS 33.74
signal [adc counts]

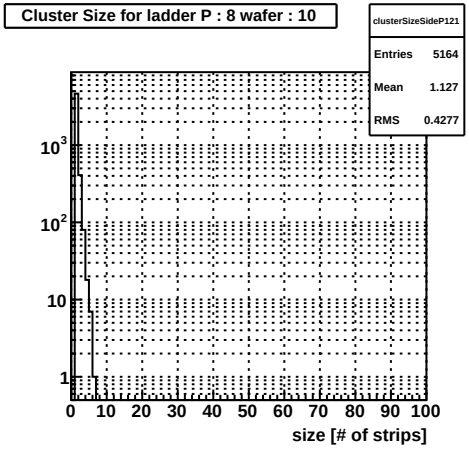

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6161
Mean 1.149
RMS 0.4371
size [# of strips]

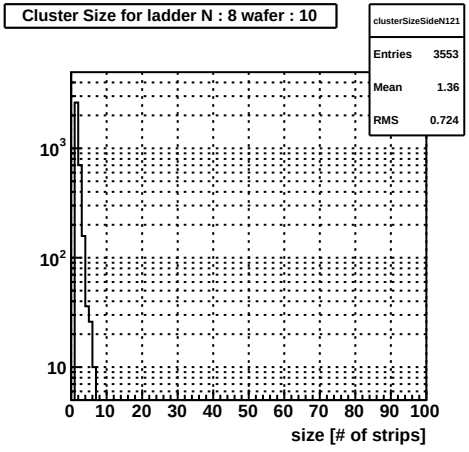

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3290
Mean 1.333
RMS 0.7275
size [# of strips]

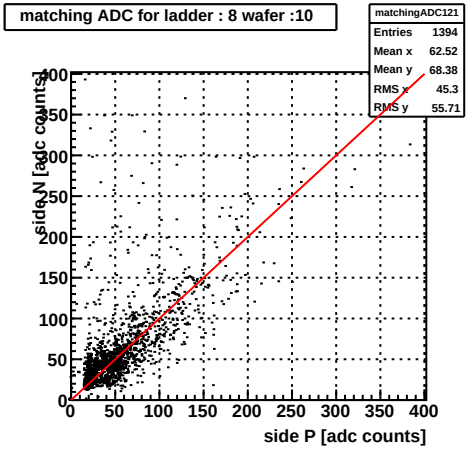

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1084
Mean x 72.46
Mean y 64.17
RMS x 55.56
RMS y 51.59
side N [adc counts]
side P [adc counts]

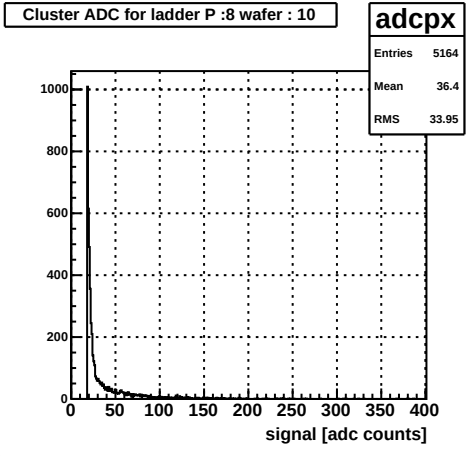

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6161
Mean 35.26
RMS 33.65
signal [adc counts]

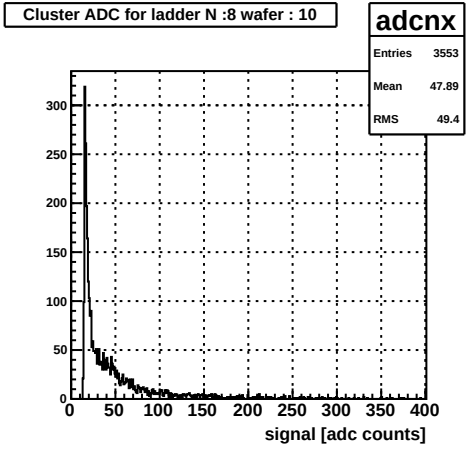

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3290
Mean 49.03
RMS 50.32
signal [adc counts]

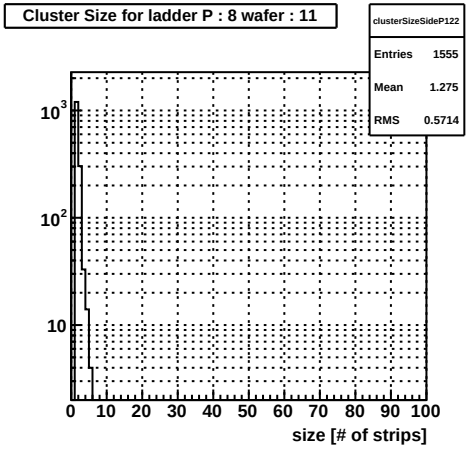

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5164
Mean 1.127
RMS 0.4277
size [# of strips]

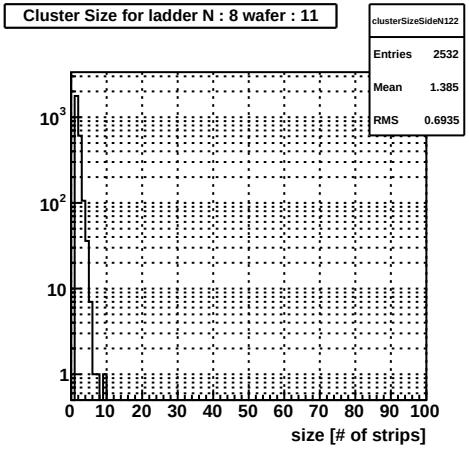

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3553
Mean 1.36
RMS 0.724
size [# of strips]

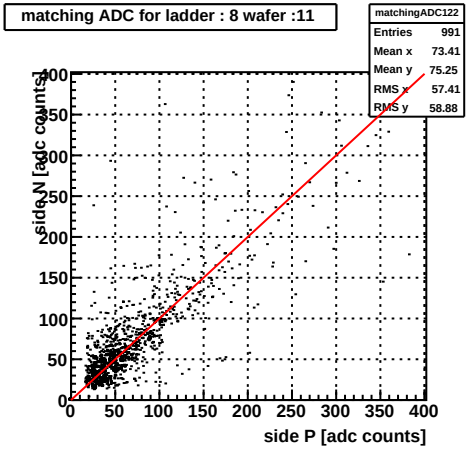

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1394
Mean x 62.52
Mean y 68.38
RMS x 45.3
RMS y 55.71
side N [adc counts]
side P [adc counts]

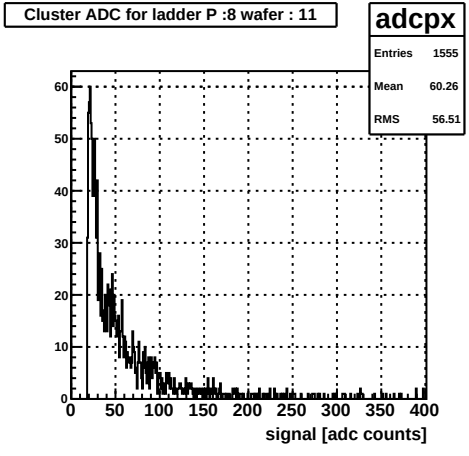

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5164
Mean 36.4
RMS 33.95
signal [adc counts]

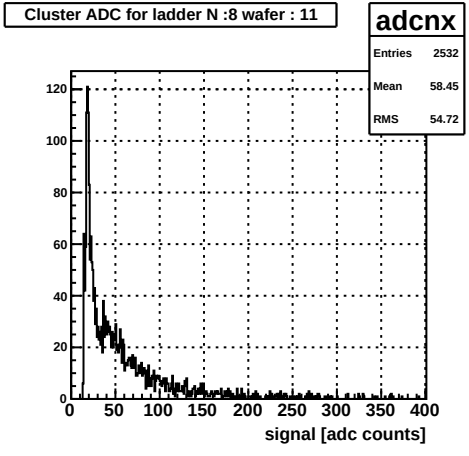

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3553
Mean 47.89
RMS 49.4
signal [adc counts]

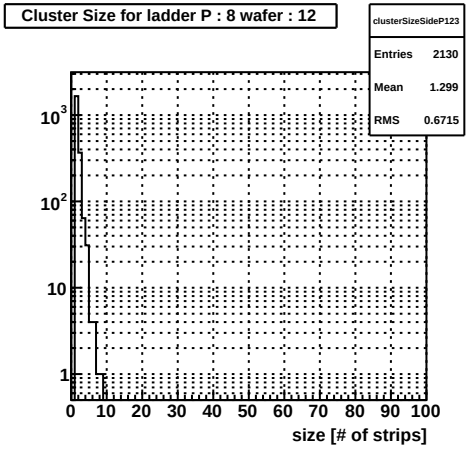

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1555
Mean 1.275
RMS 0.5714
size [# of strips]

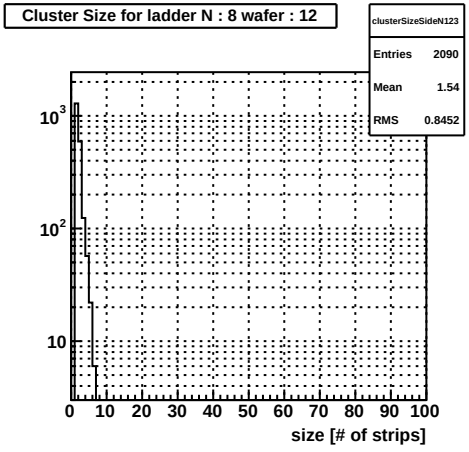

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2532
Mean 1.385
RMS 0.6935
size [# of strips]

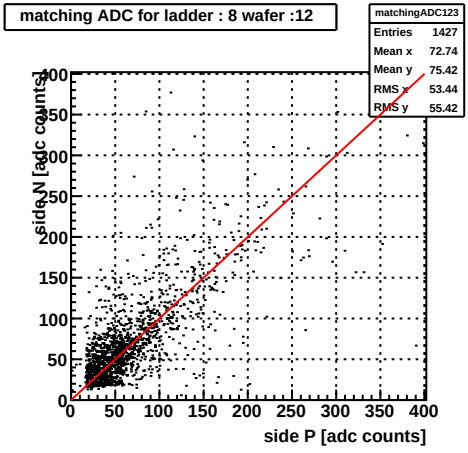

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 991
Mean x 73.41
Mean y 75.25
RMS x 57.41
RMS y 58.88
side N [adc counts]
side P [adc counts]

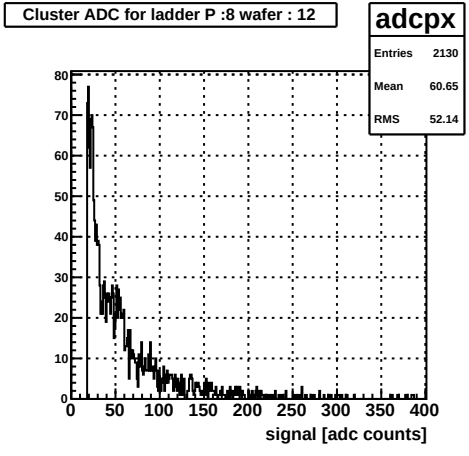

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1555
Mean 60.26
RMS 56.51
signal [adc counts]

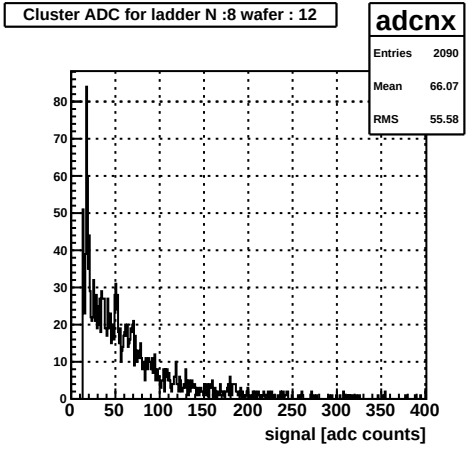

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2532
Mean 58.45
RMS 54.72
signal [adc counts]

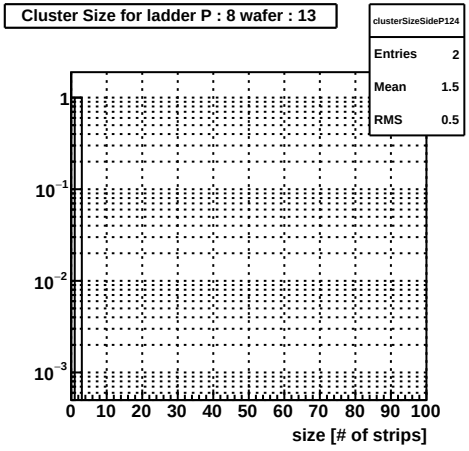

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2130
Mean 1.299
RMS 0.6715
size [# of strips]

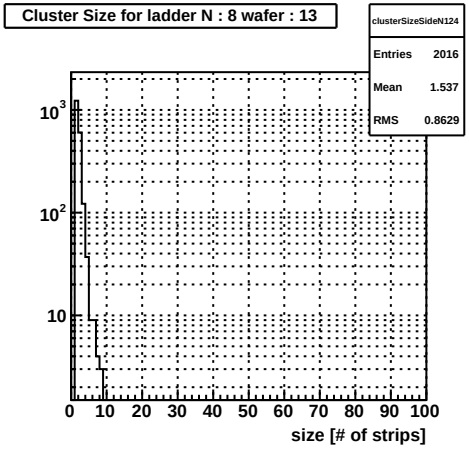

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2090
Mean 1.54
RMS 0.8452
size [# of strips]

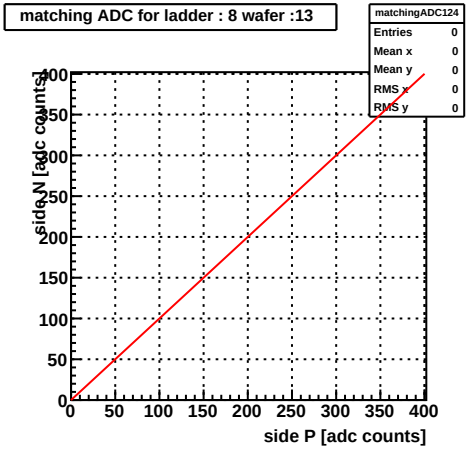

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1427
Mean x 72.74
Mean y 75.42
RMS x 53.44
RMS y 55.42
side N [adc counts]
side P [adc counts]

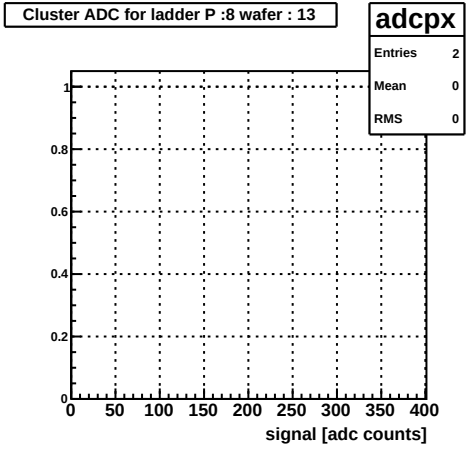

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2130
Mean 60.65
RMS 52.14
signal [adc counts]

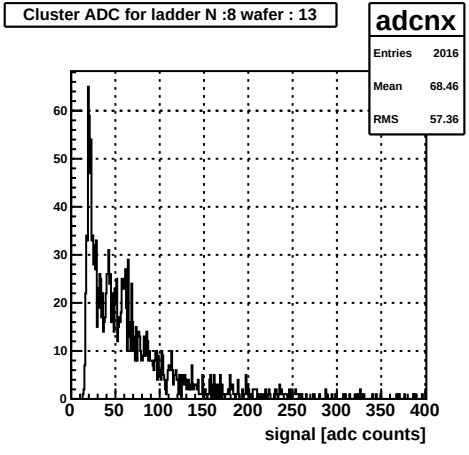

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2090
Mean 66.07
RMS 55.58
signal [adc counts]

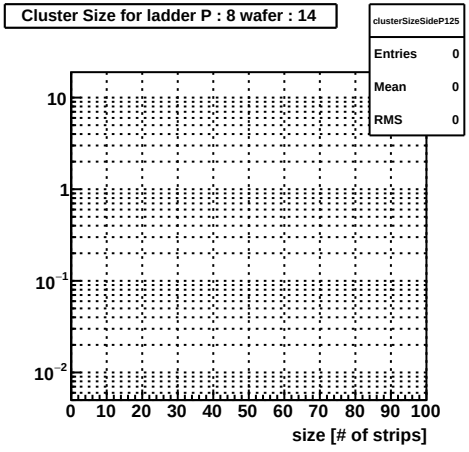

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

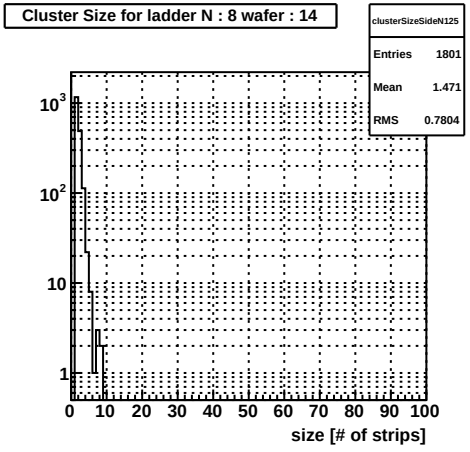

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2016
Mean 1.537
RMS 0.8629
size [# of strips]

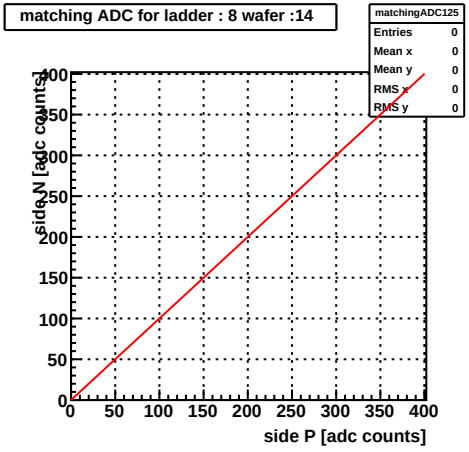

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

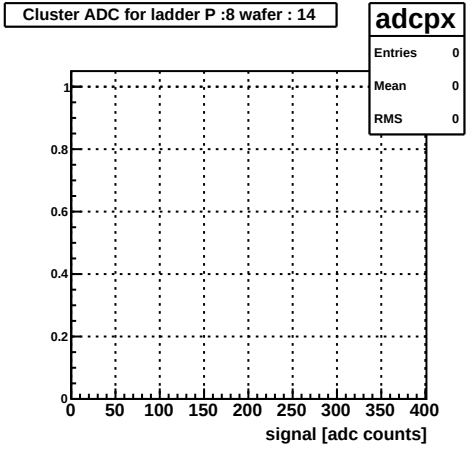

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

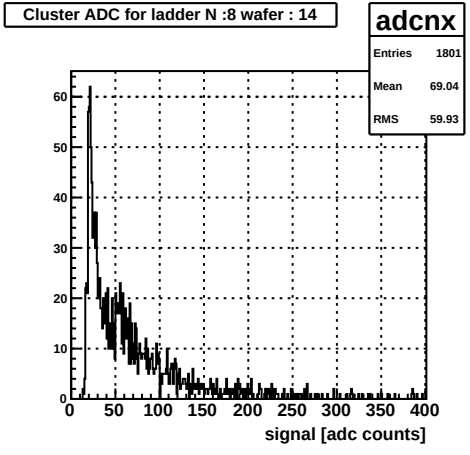

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2016
Mean 68.46
RMS 57.36
signal [adc counts]

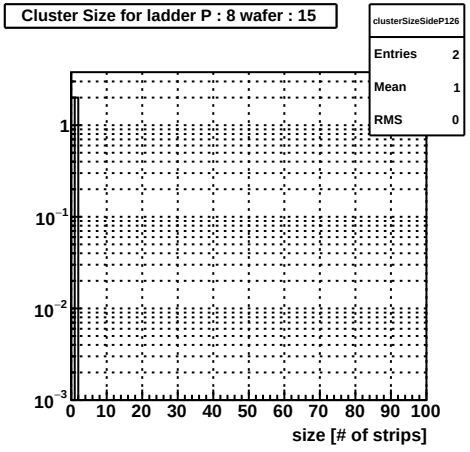

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

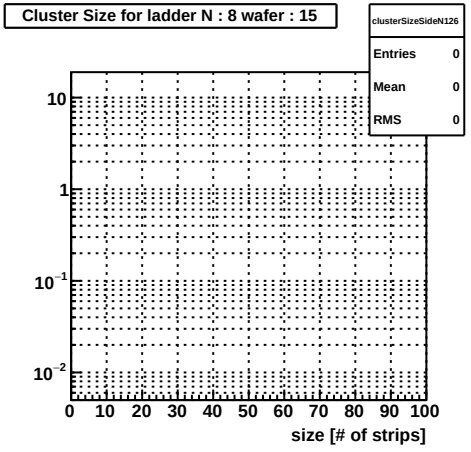

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1801
Mean 1.471
RMS 0.7804
size [# of strips]

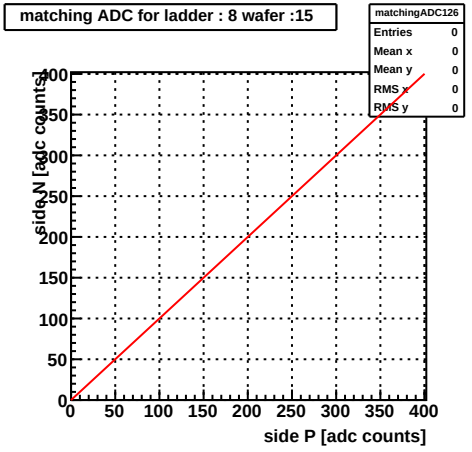

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

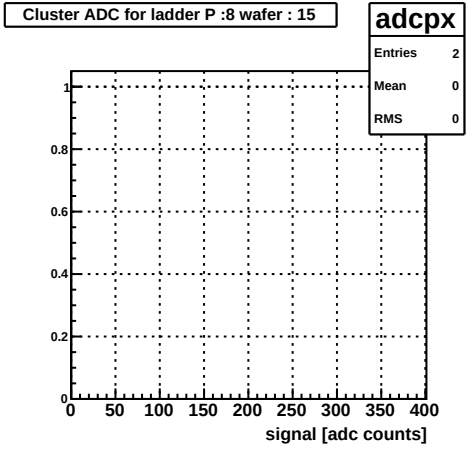

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

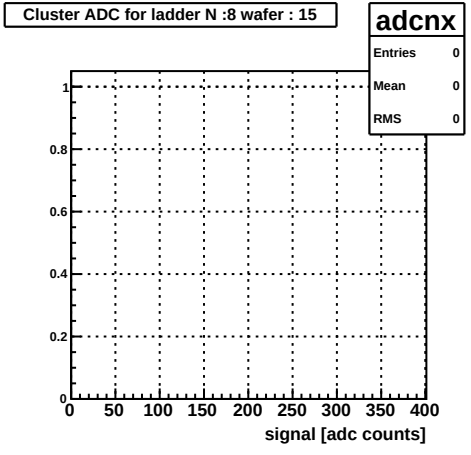

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1801
Mean 69.04
RMS 59.93
signal [adc counts]

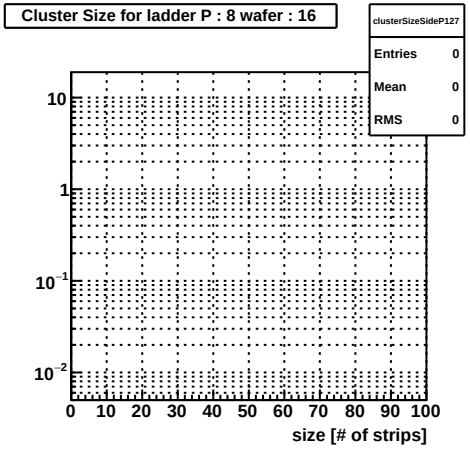

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

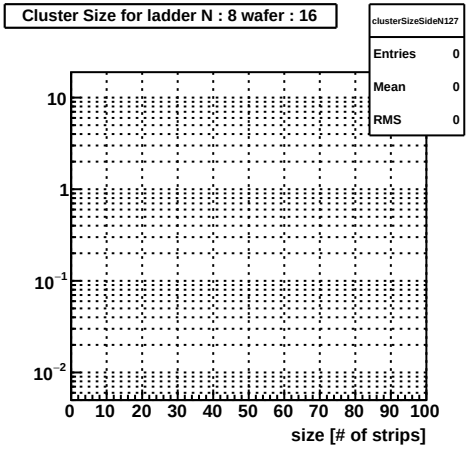

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

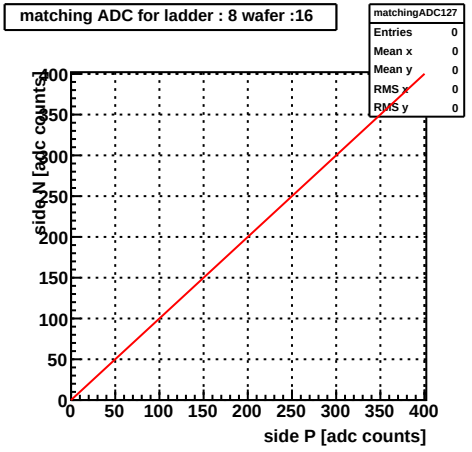

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

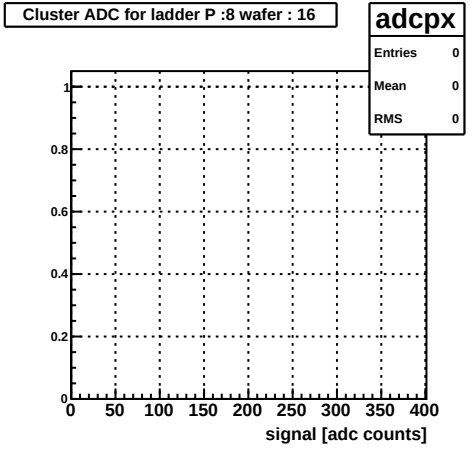

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

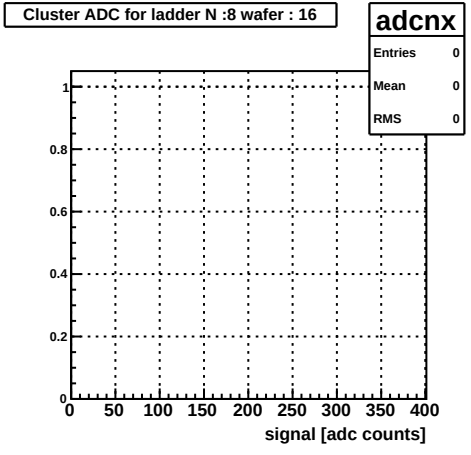

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

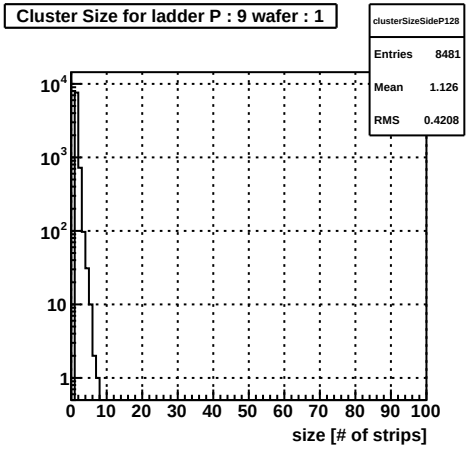

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

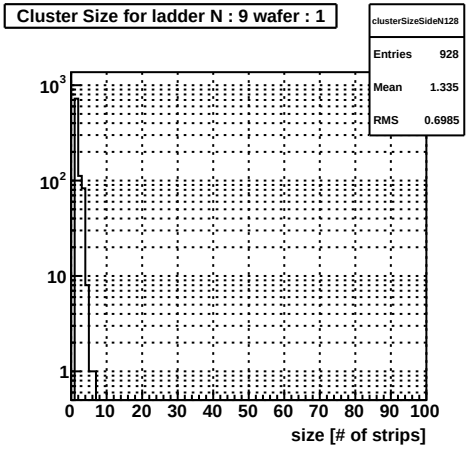

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

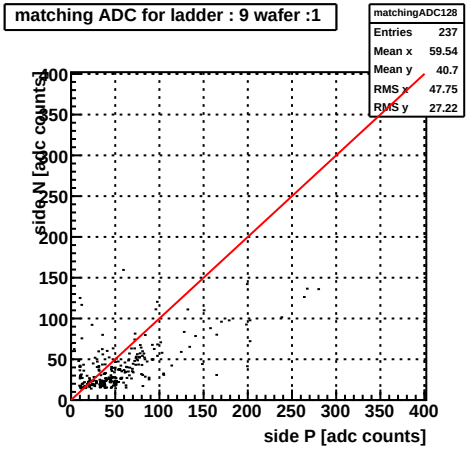

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

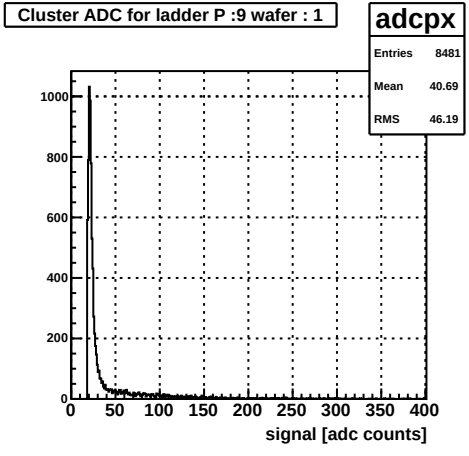

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

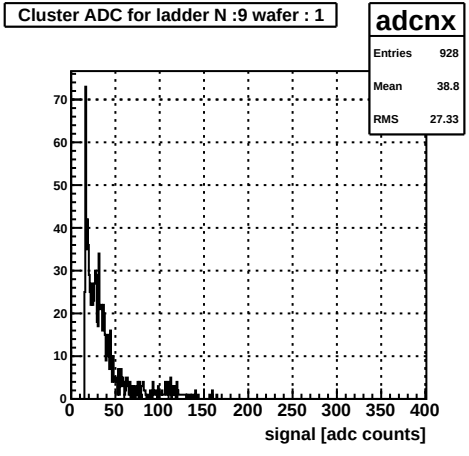

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

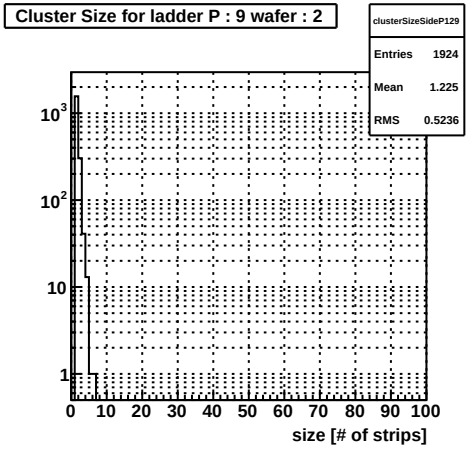

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8481
Mean 1.126
RMS 0.4208
size [# of strips]

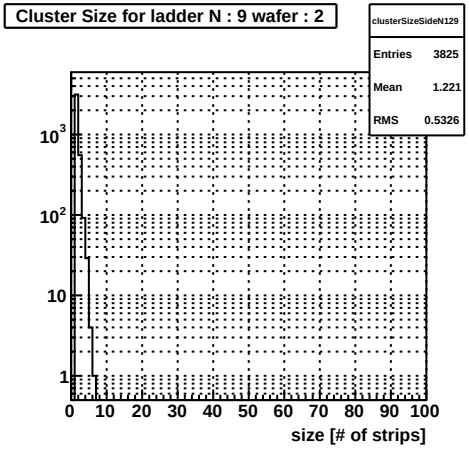

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 928
Mean 1.335
RMS 0.6985
size [# of strips]

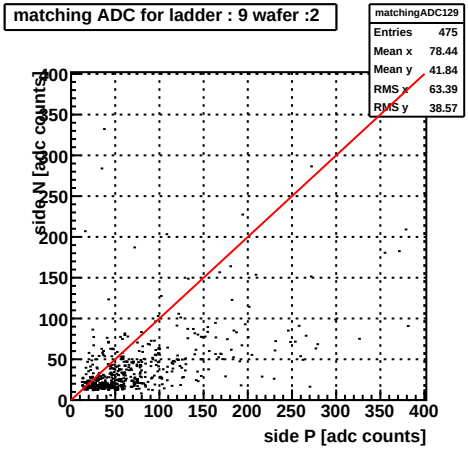

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 237
Mean x 59.54
Mean y 40.7
RMS x 47.75
RMS y 27.22
side N [adc counts]
side P [adc counts]

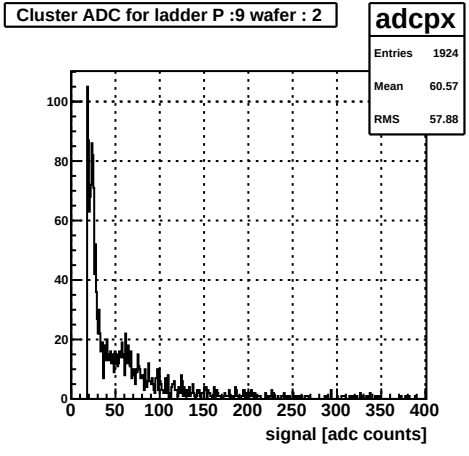

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8481
Mean 40.69
RMS 46.19
signal [adc counts]

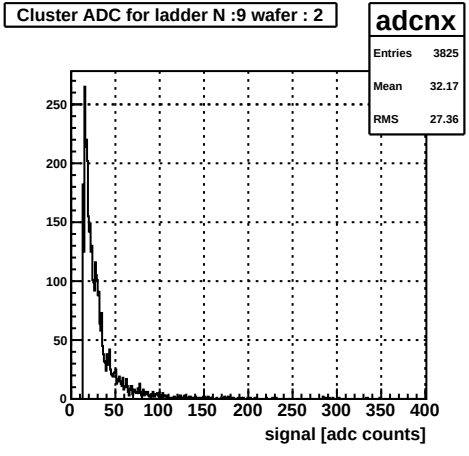

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 928
Mean 38.8
RMS 27.33
signal [adc counts]

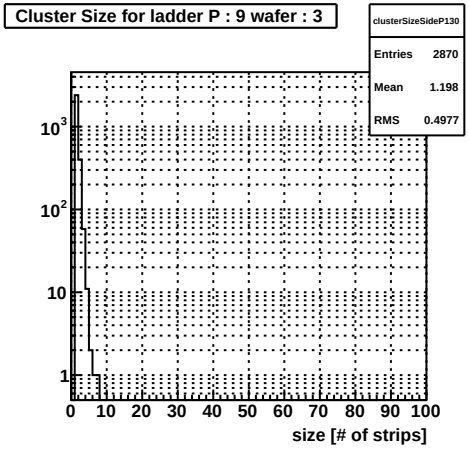

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1924
Mean 1.225
RMS 0.5236
size [# of strips]

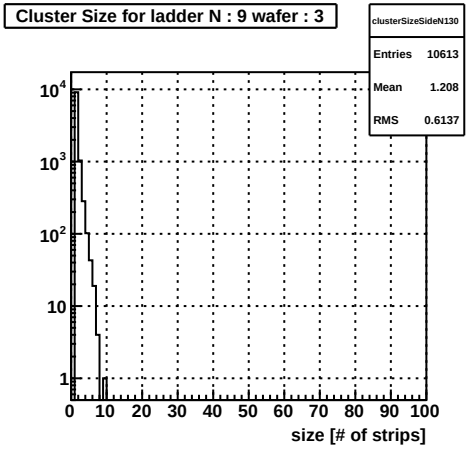

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3825
Mean 1.221
RMS 0.5326
size [# of strips]

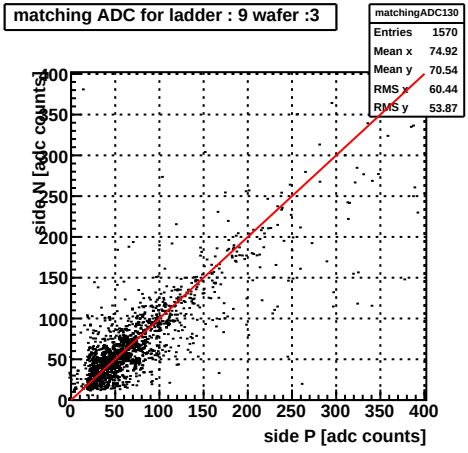

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 475
Mean x 78.44
Mean y 41.84
RMS x 63.39
RMS y 38.57
side N [adc counts]
side P [adc counts]

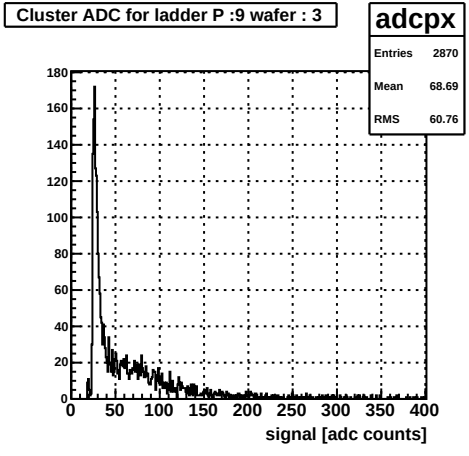

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1924
Mean 60.57
RMS 57.88
signal [adc counts]

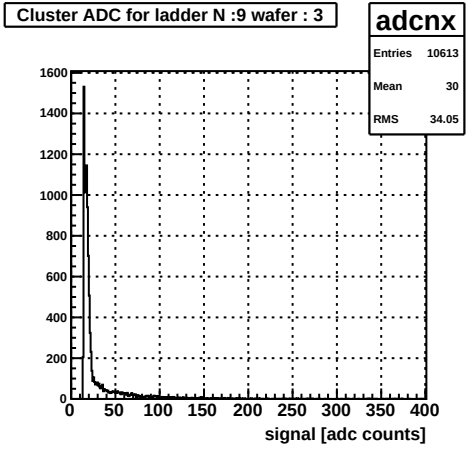

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3825
Mean 32.17
RMS 27.36
signal [adc counts]

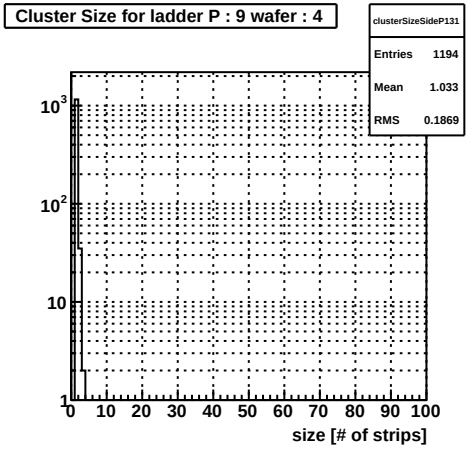

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2870
Mean 1.198
RMS 0.4977
size [# of strips]

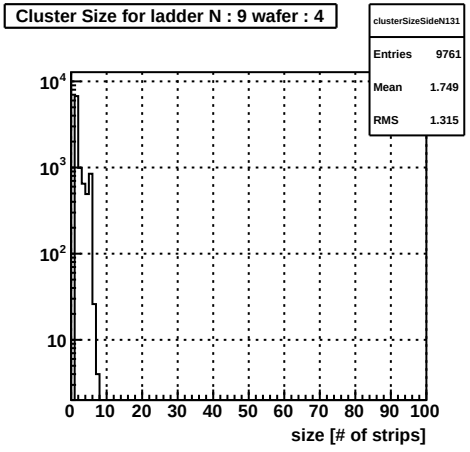

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 10613
Mean 1.208
RMS 0.6137
size [# of strips]

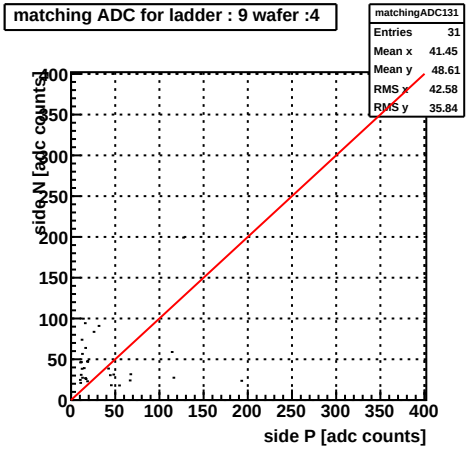

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1570
Mean x 74.92
Mean y 70.54
RMS x 60.44
RMS y 53.87
side N [adc counts]
side P [adc counts]

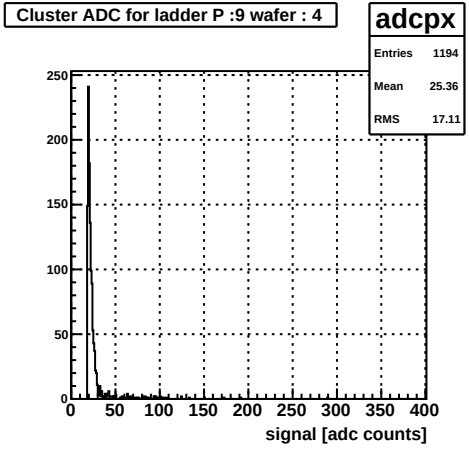

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2870
Mean 68.69
RMS 60.76
signal [adc counts]

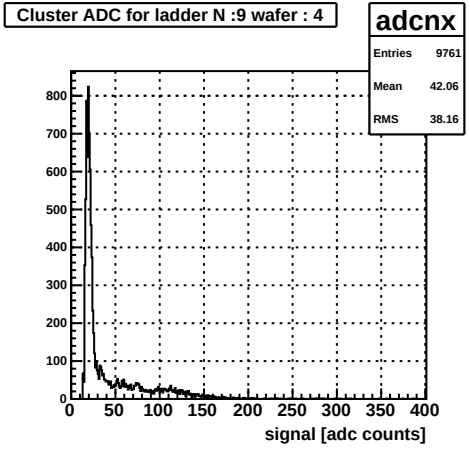

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 10613
Mean 30
RMS 34.05
signal [adc counts]

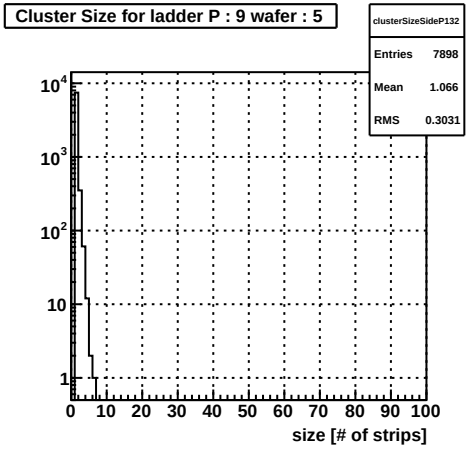

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 1194
Mean 1.033
RMS 0.1869
size [# of strips]

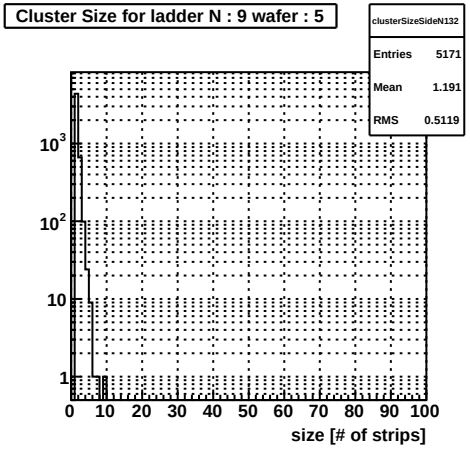

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 9761
Mean 1.749
RMS 1.315
size [# of strips]

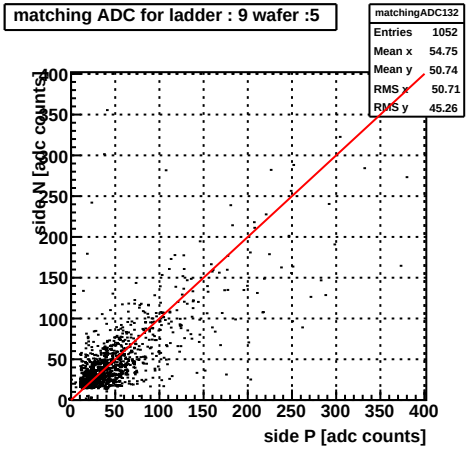

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 31
Mean x 41.45
Mean y 48.61
RMS x 42.58
RMS y 35.84
side N [adc counts]
side P [adc counts]

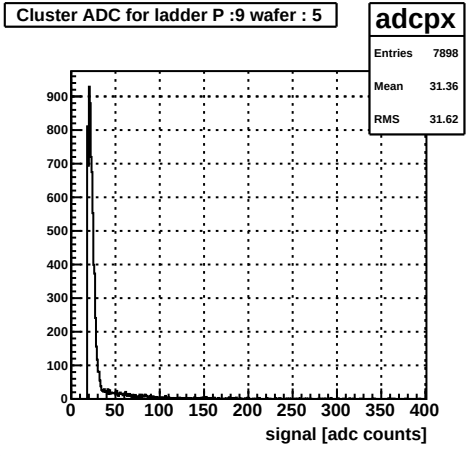

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 1194
Mean 25.36
RMS 17.11
signal [adc counts]

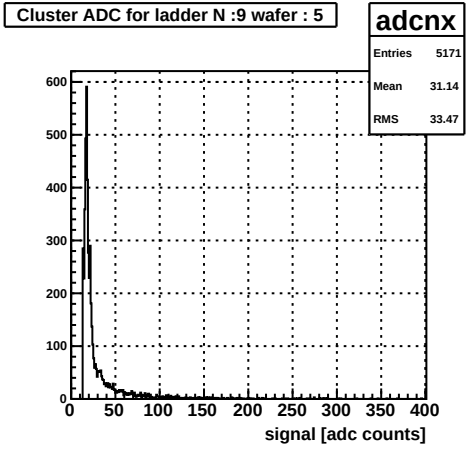

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 9761
Mean 42.06
RMS 38.16
signal [adc counts]

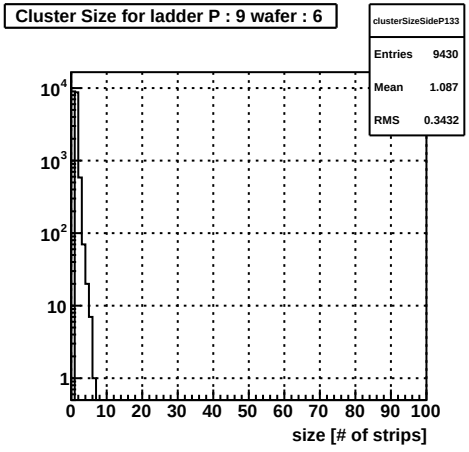

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7898
Mean 1.066
RMS 0.3031
size [# of strips]

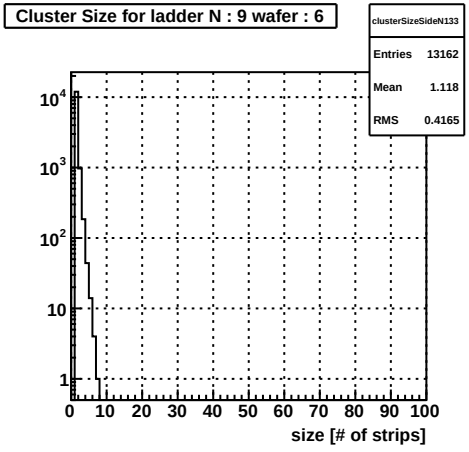

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5171
Mean 1.191
RMS 0.5119
size [# of strips]

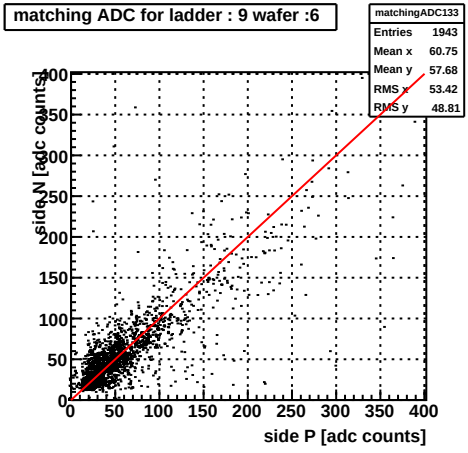

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1052
Mean x 54.75
Mean y 50.74
RMS x 50.71
RMS y 45.26
side N [adc counts]
side P [adc counts]

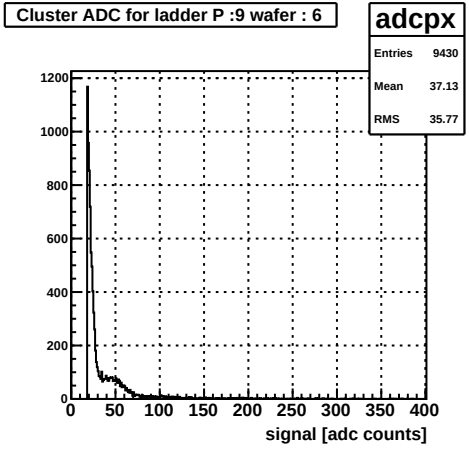

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7898
Mean 31.36
RMS 31.62
signal [adc counts]

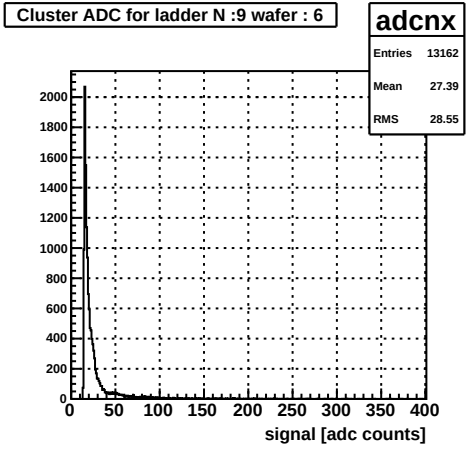

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5171
Mean 31.14
RMS 33.47
signal [adc counts]

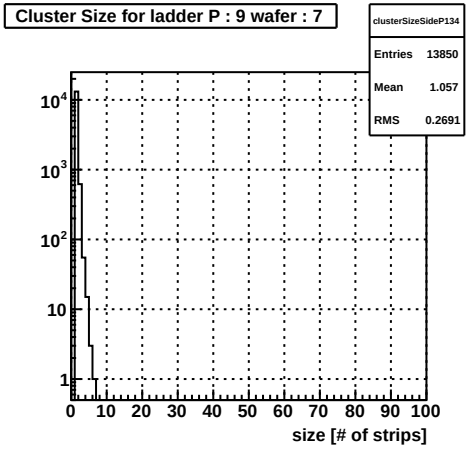

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9430
Mean 1.087
RMS 0.3432
size [# of strips]

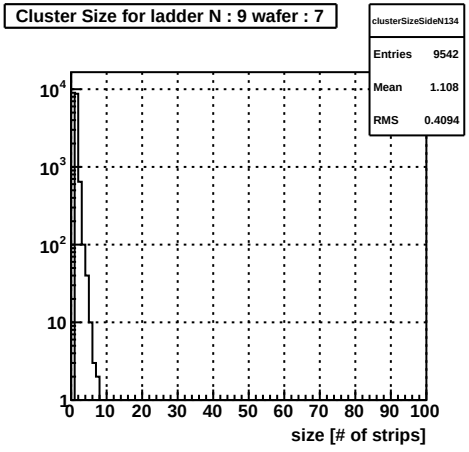

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13162
Mean 1.118
RMS 0.4165
size [# of strips]

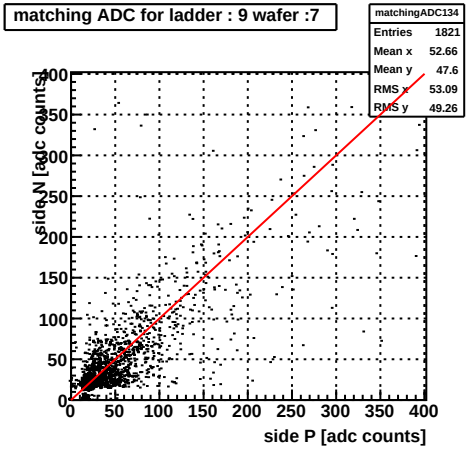

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1943
Mean x 60.75
Mean y 57.68
RMS x 53.42
RMS y 48.81
side N [adc counts]
side P [adc counts]

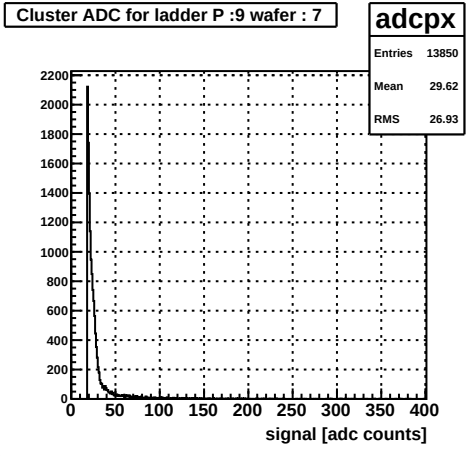

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9430
Mean 37.13
RMS 35.77
signal [adc counts]

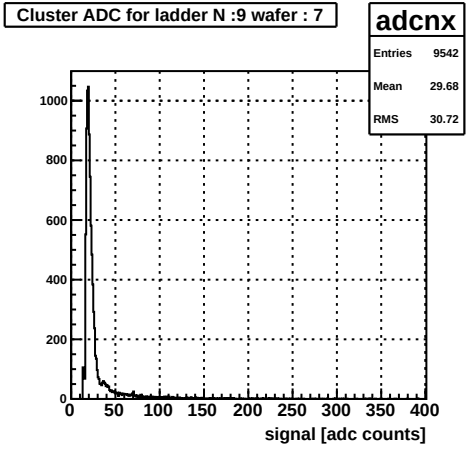

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13162
Mean 27.39
RMS 28.55
signal [adc counts]

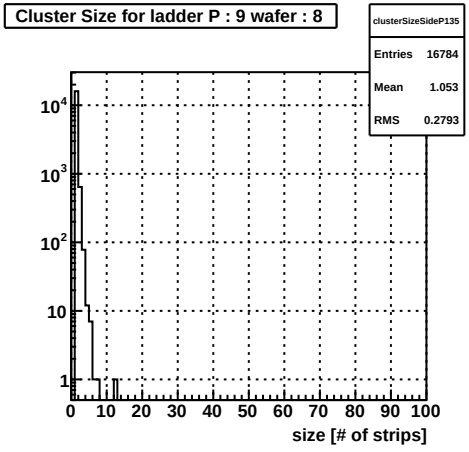

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 13850
Mean 1.057
RMS 0.2691
size [# of strips]

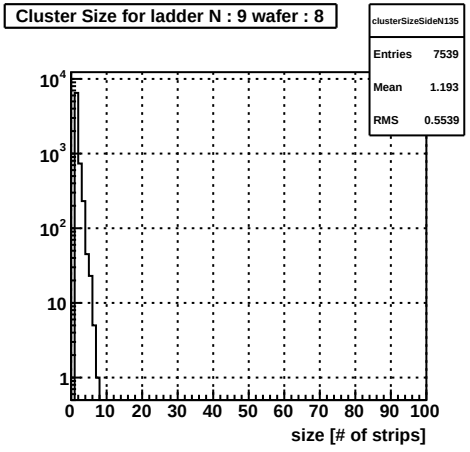

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 9542
Mean 1.108
RMS 0.4094
size [# of strips]

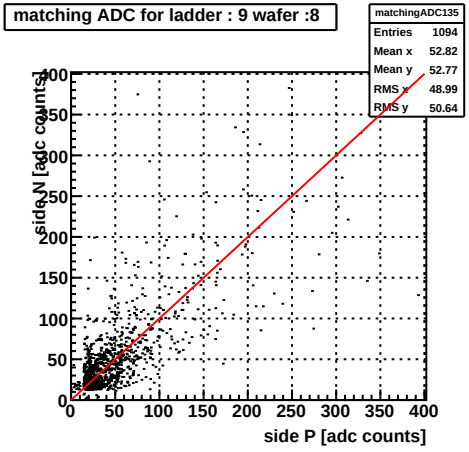

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1821
Mean x 52.66
Mean y 47.6
RMS x 53.09
RMS y 49.26
side N [adc counts]
side P [adc counts]

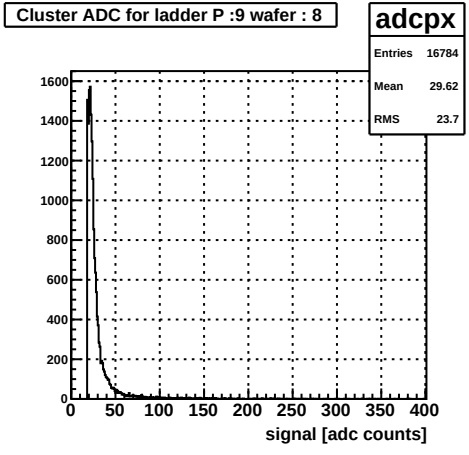

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 13850
Mean 29.62
RMS 26.93
signal [adc counts]

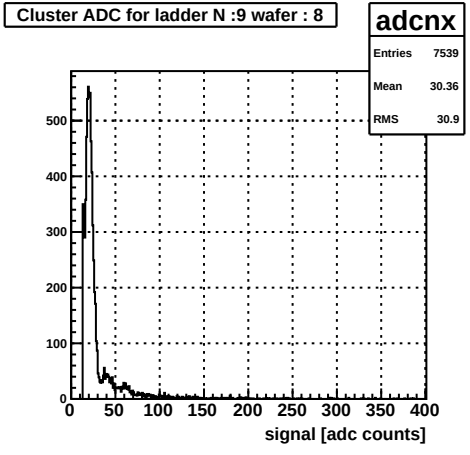

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 9542
Mean 29.68
RMS 30.72
signal [adc counts]

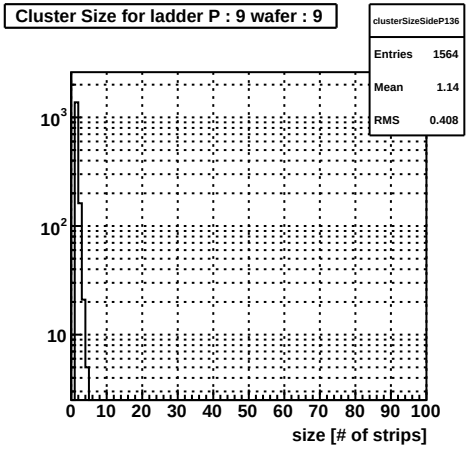

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 16784
Mean 1.053
RMS 0.2793
size [# of strips]

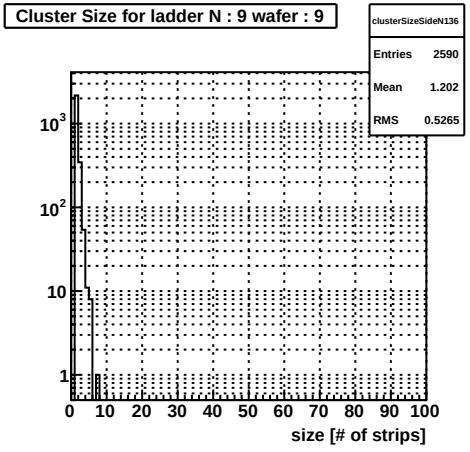

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7539
Mean 1.193
RMS 0.5539
size [# of strips]

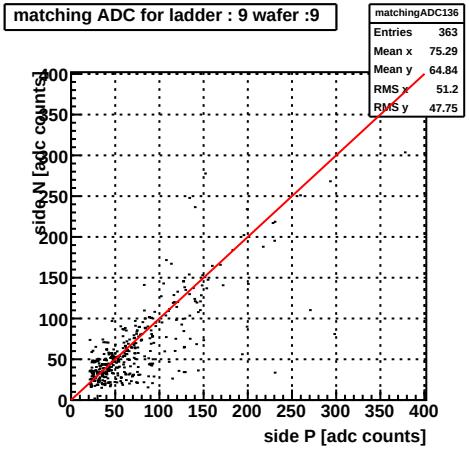

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1094
Mean x 52.82
Mean y 52.77
RMS x 48.99
RMS y 50.64
side N [adc counts]
side P [adc counts]

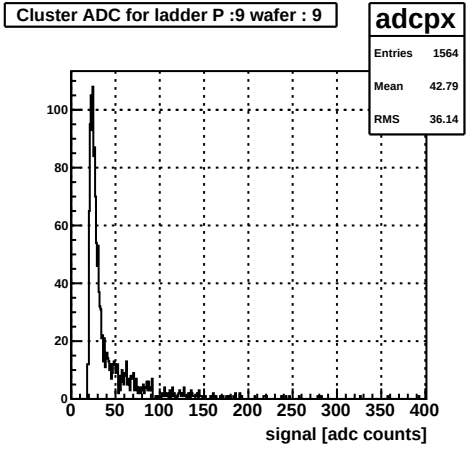

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 16784
Mean 29.62
RMS 23.7
signal [adc counts]

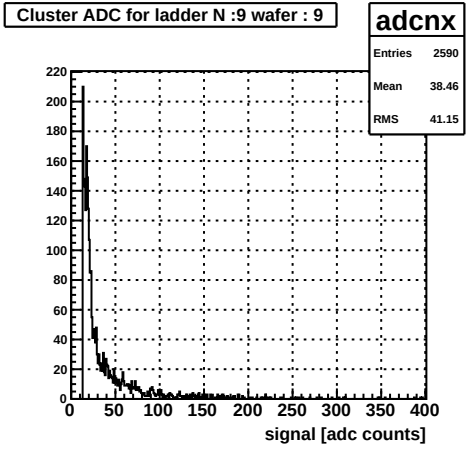

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7539
Mean 30.36
RMS 30.9
signal [adc counts]

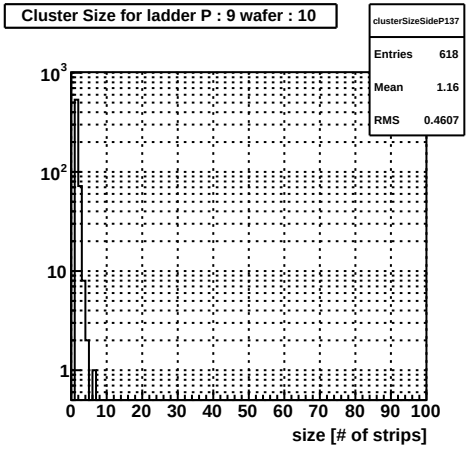

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1564
Mean 1.14
RMS 0.408
size [# of strips]

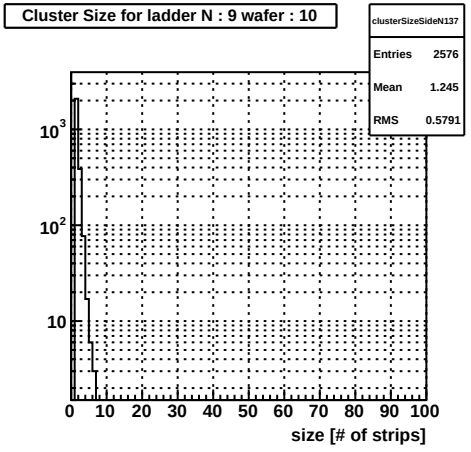

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2590
Mean 1.202
RMS 0.5265
size [# of strips]

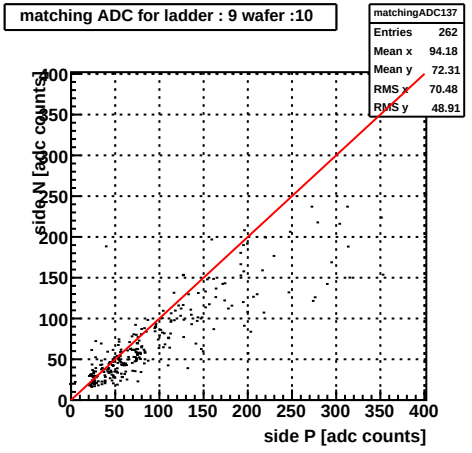

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 363
Mean x 75.29
Mean y 64.84
RMS x 51.2
RMS y 47.75
side N [adc counts]
side P [adc counts]

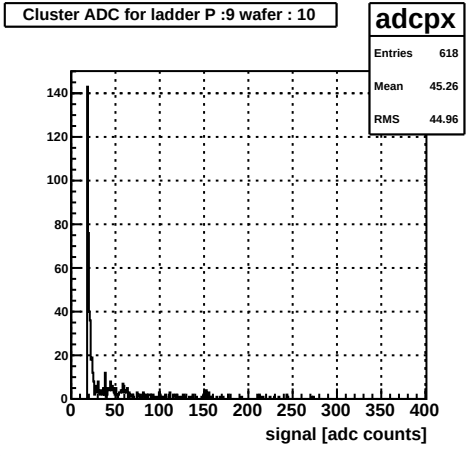

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1564
Mean 42.79
RMS 36.14
signal [adc counts]

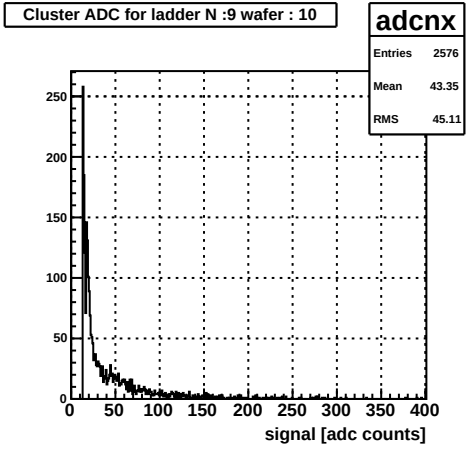

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2590
Mean 38.46
RMS 41.15
signal [adc counts]

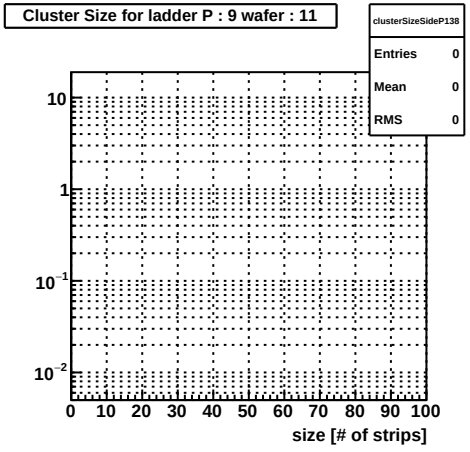

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 618
Mean 1.16
RMS 0.4607
size [# of strips]

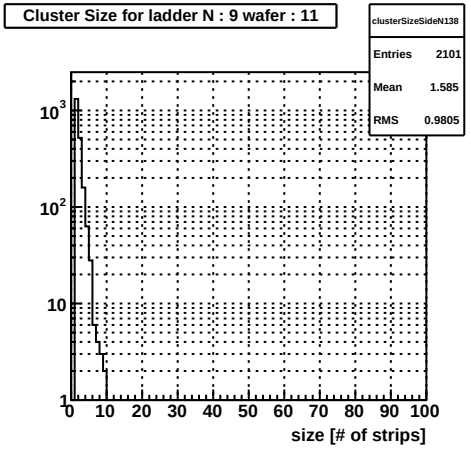

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2576
Mean 1.245
RMS 0.5791
size [# of strips]

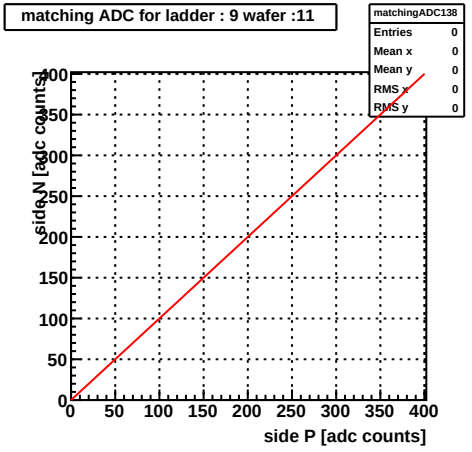

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 262
Mean x 94.18
Mean y 72.31
RMS x 70.48
RMS y 48.91
side N [adc counts]
side P [adc counts]

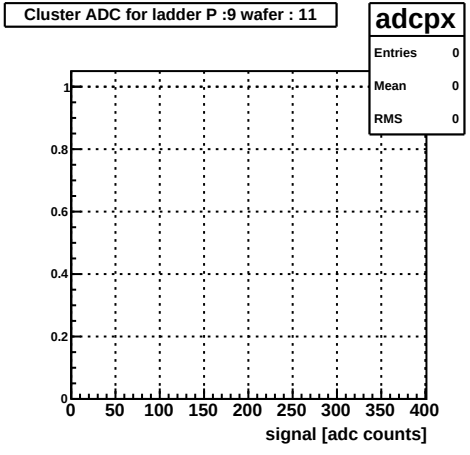

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 618
Mean 45.26
RMS 44.96
signal [adc counts]

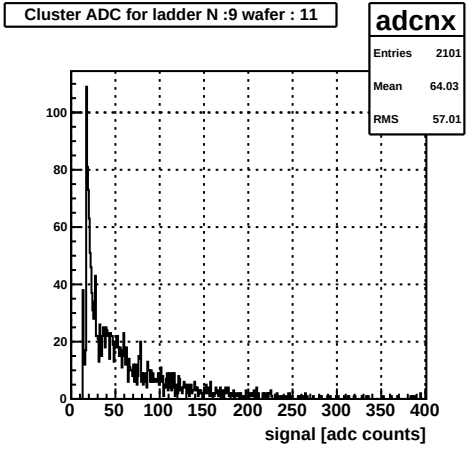

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2576
Mean 43.35
RMS 45.11
signal [adc counts]

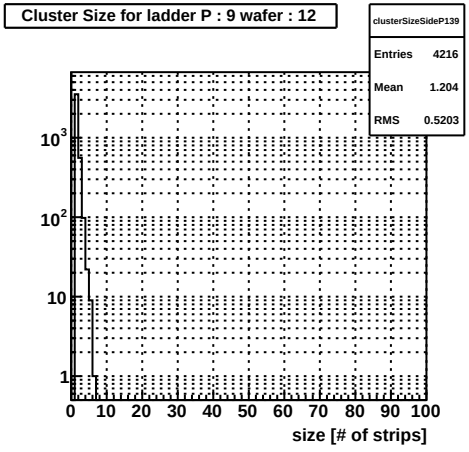

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

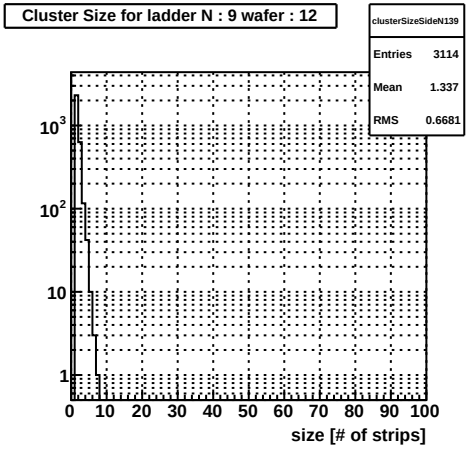

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2101
Mean 1.585
RMS 0.9805
size [# of strips]

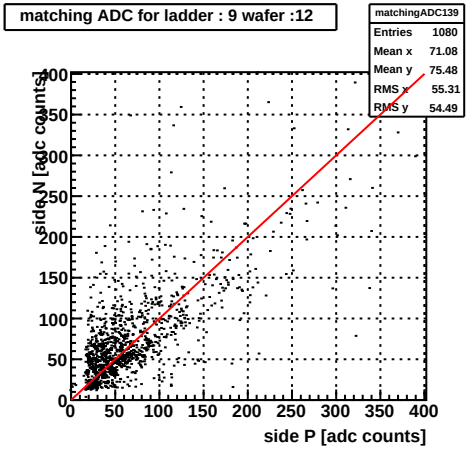

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

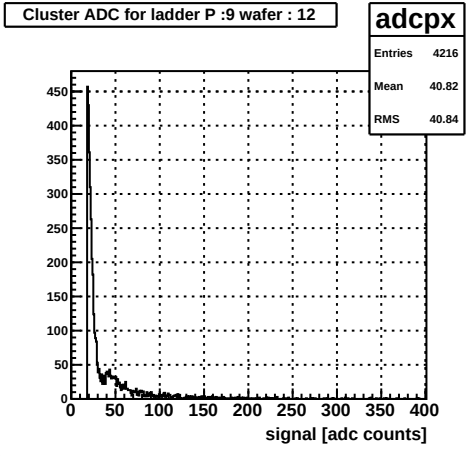

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

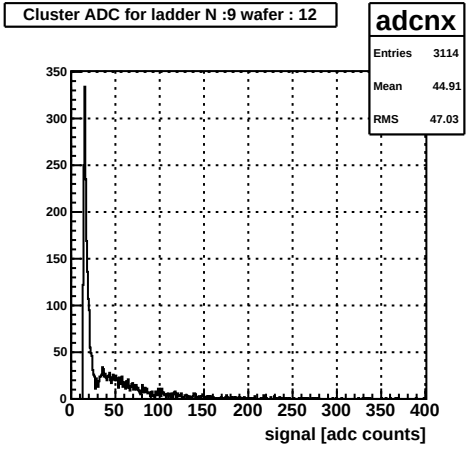

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2101
Mean 64.03
RMS 57.01
signal [adc counts]

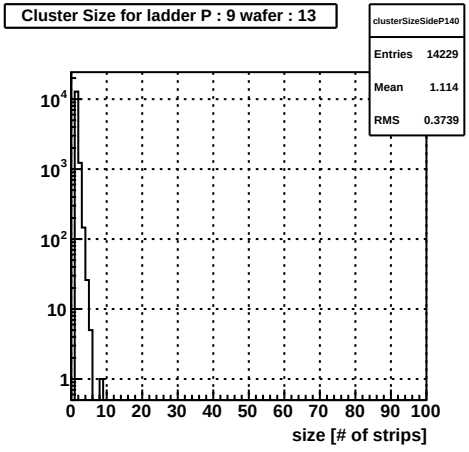

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4216
Mean 1.204
RMS 0.5203
size [# of strips]

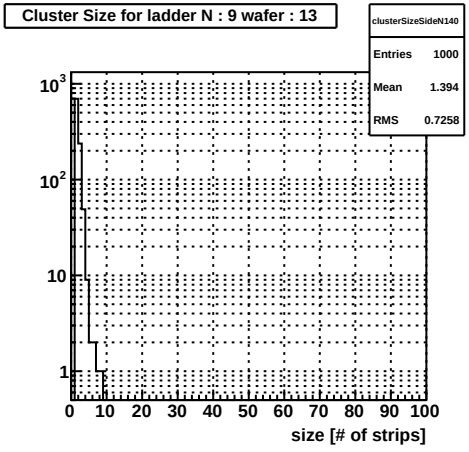

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3114
Mean 1.337
RMS 0.6681
size [# of strips]

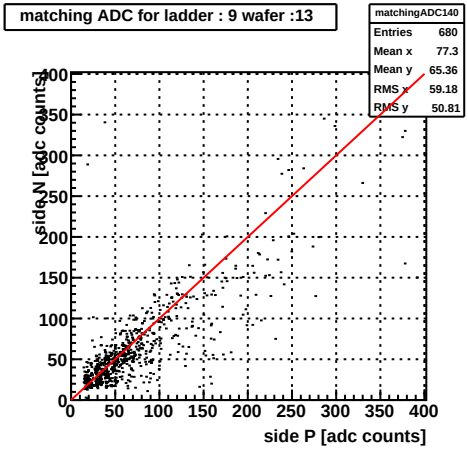

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1080
Mean x 71.08
Mean y 75.48
RMS x 55.31
RMS y 54.49
side N [adc counts]
side P [adc counts]

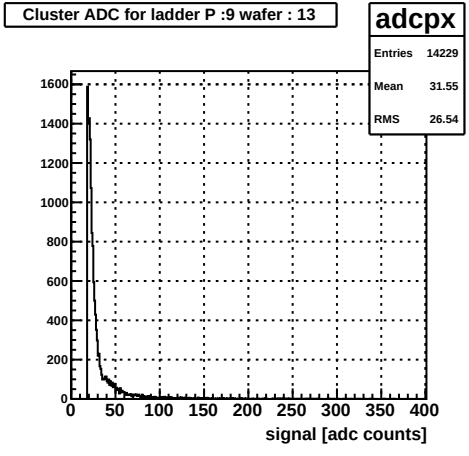

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4216
Mean 40.82
RMS 40.84
signal [adc counts]

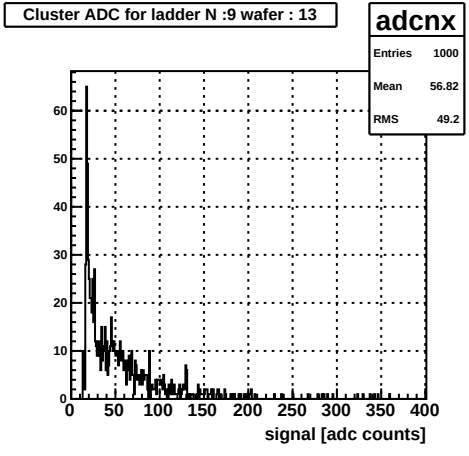

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3114
Mean 44.91
RMS 47.03
signal [adc counts]

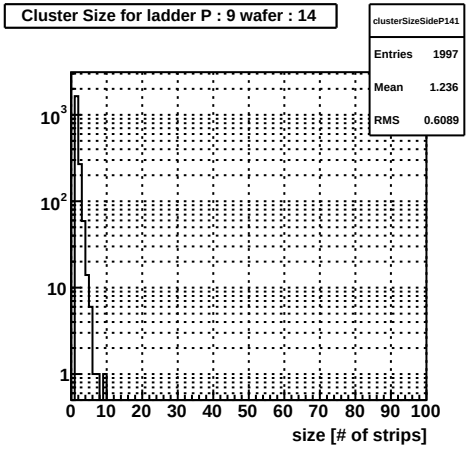

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14229
Mean 1.114
RMS 0.3739
size [# of strips]

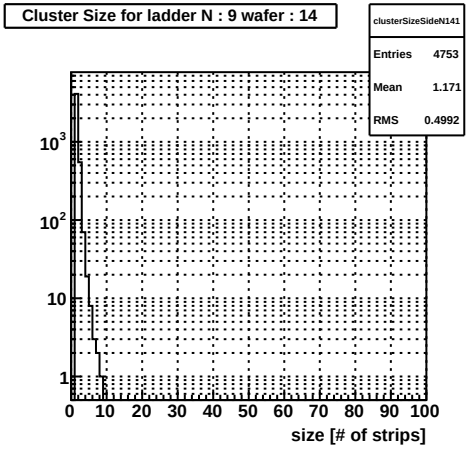

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1000
Mean 1.394
RMS 0.7258
size [# of strips]

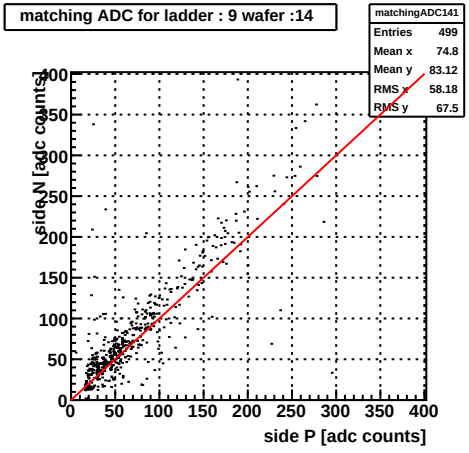

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 680
Mean x 77.3
Mean y 65.36
RMS x 59.18
RMS y 50.81
side N [adc counts]
side P [adc counts]

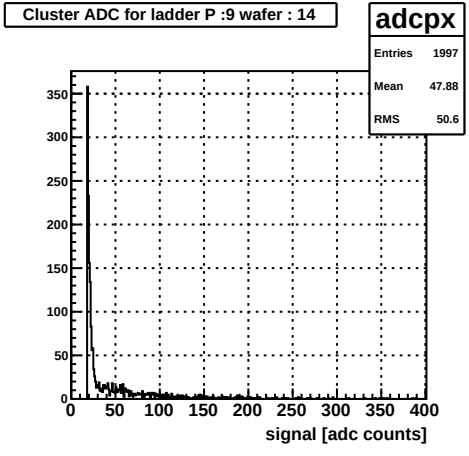

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14229
Mean 31.55
RMS 26.54
signal [adc counts]

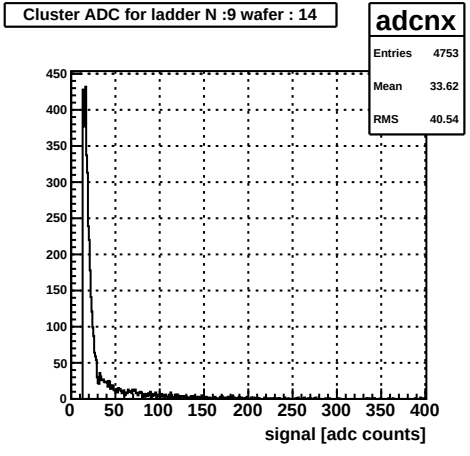

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1000
Mean 56.82
RMS 49.2
signal [adc counts]

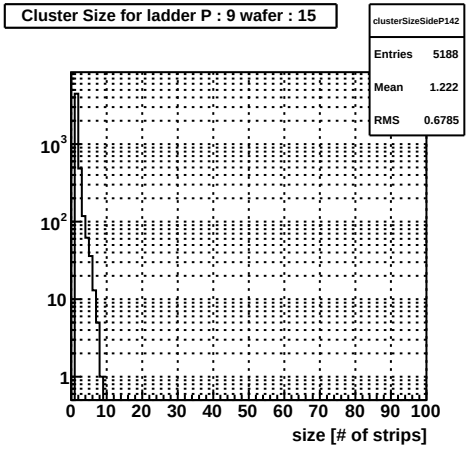

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1997
Mean 1.236
RMS 0.6089
size [# of strips]

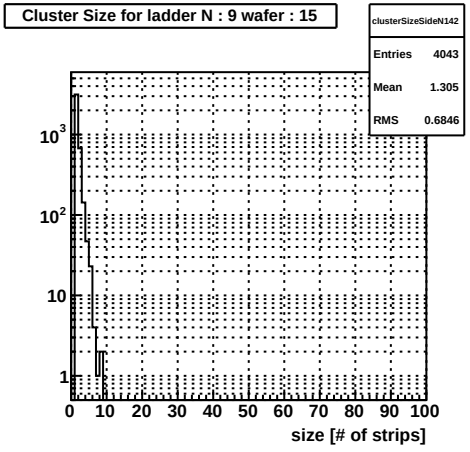

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4753
Mean 1.171
RMS 0.4992
size [# of strips]

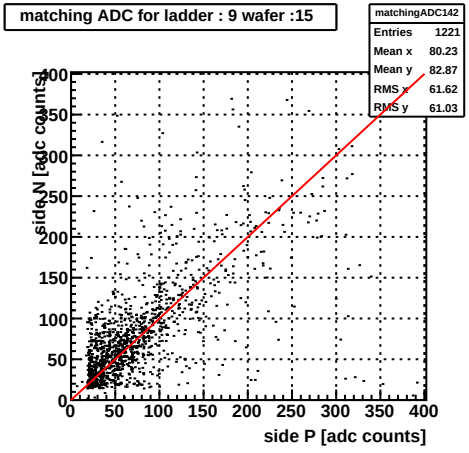

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 499
Mean x 74.8
Mean y 83.12
RMS x 58.18
RMS y 67.5
side N [adc counts]
side P [adc counts]

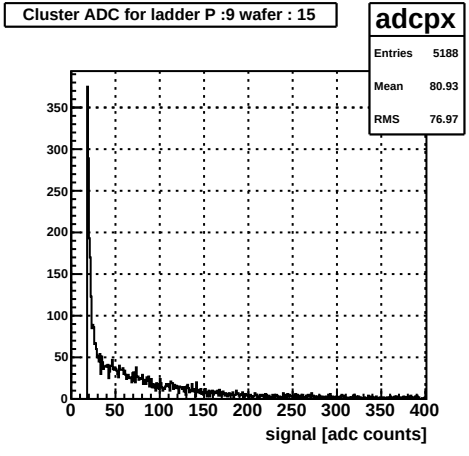

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1997
Mean 47.88
RMS 50.6
signal [adc counts]

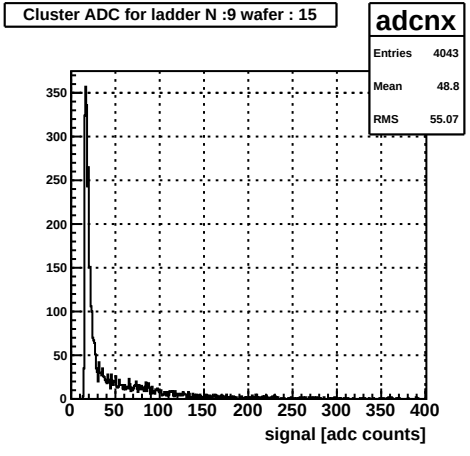

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4753
Mean 33.62
RMS 40.54
signal [adc counts]

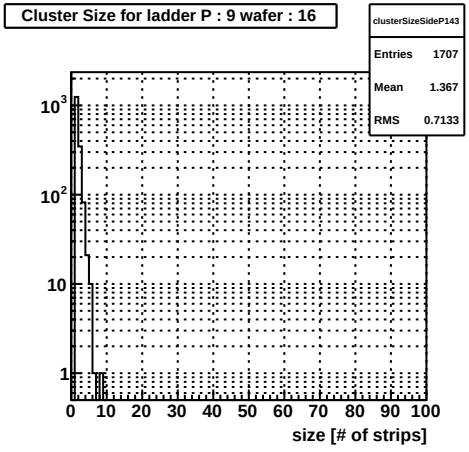

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5188
Mean 1.222
RMS 0.6785
size [# of strips]

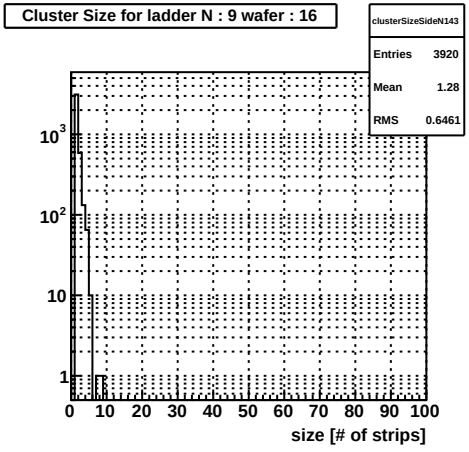

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4043
Mean 1.305
RMS 0.6846
size [# of strips]

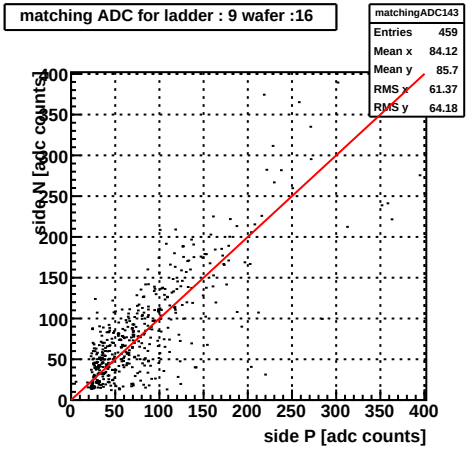

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1221
Mean x 80.23
Mean y 82.87
RMS x 61.62
RMS y 61.03
side N [adc counts]
side P [adc counts]

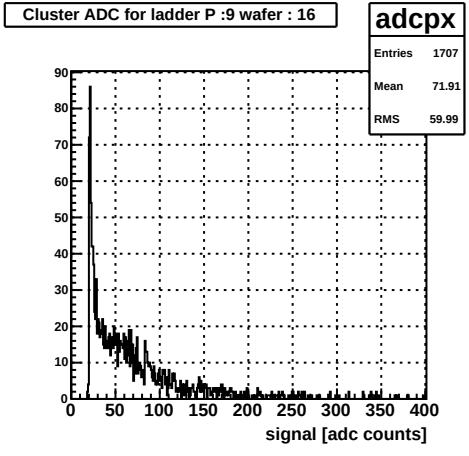

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5188
Mean 80.93
RMS 76.97
signal [adc counts]

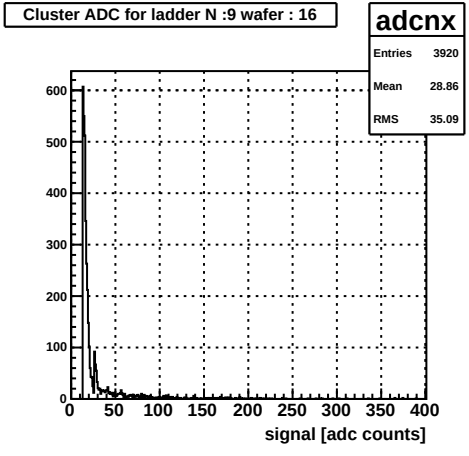

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4043
Mean 48.8
RMS 55.07
signal [adc counts]

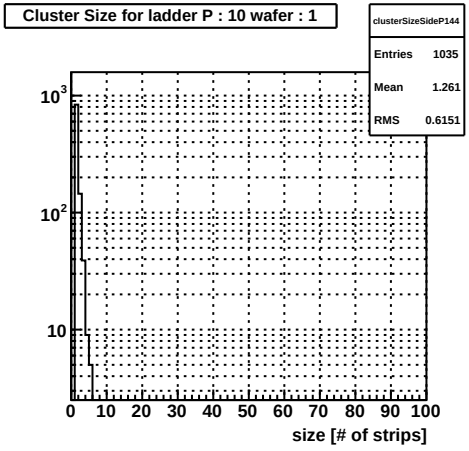

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1707
Mean 1.367
RMS 0.7133
size [# of strips]

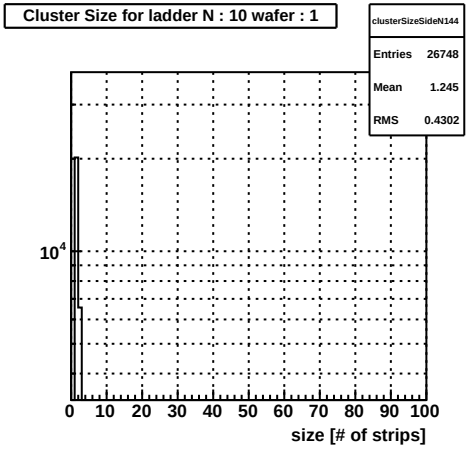

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3920
Mean 1.28
RMS 0.6461
size [# of strips]

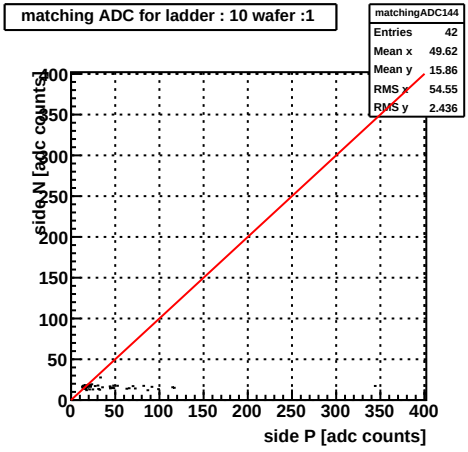

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 459
Mean x 84.12
Mean y 85.7
RMS x 61.37
RMS y 64.18
side N [adc counts]
side P [adc counts]

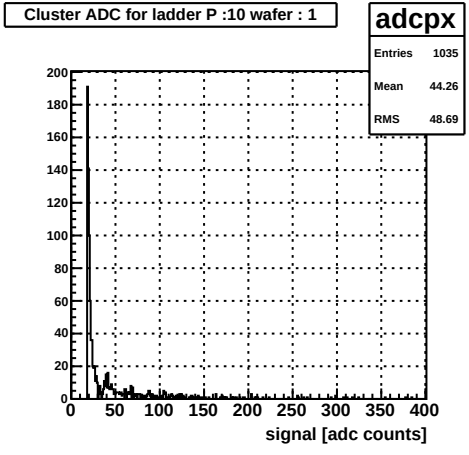

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1707
Mean 71.91
RMS 59.99
signal [adc counts]

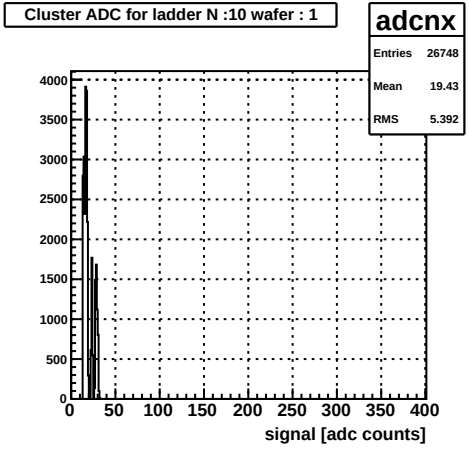

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3920
Mean 28.86
RMS 35.09
signal [adc counts]

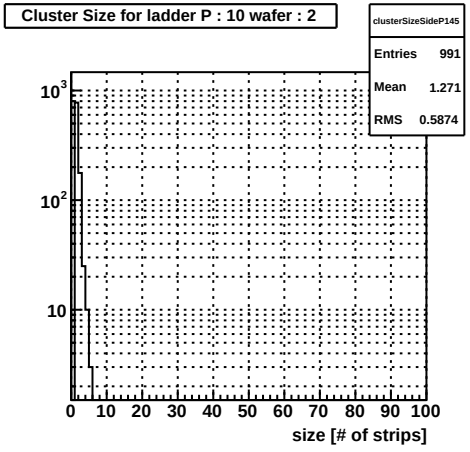

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1035
Mean 1.261
RMS 0.6151
size [# of strips]

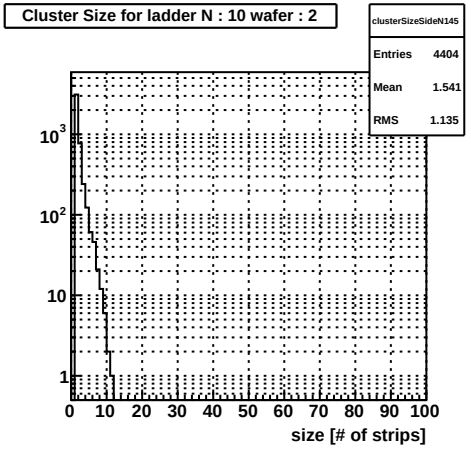

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 26748
Mean 1.245
RMS 0.4302
size [# of strips]

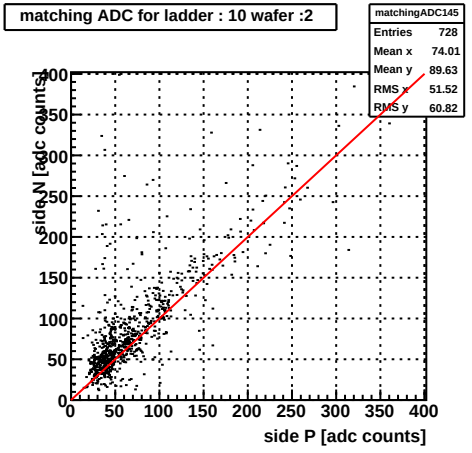

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 42
Mean x 49.62
Mean y 15.86
RMS x 54.55
RMS y 2.436
side N [adc counts]
side P [adc counts]

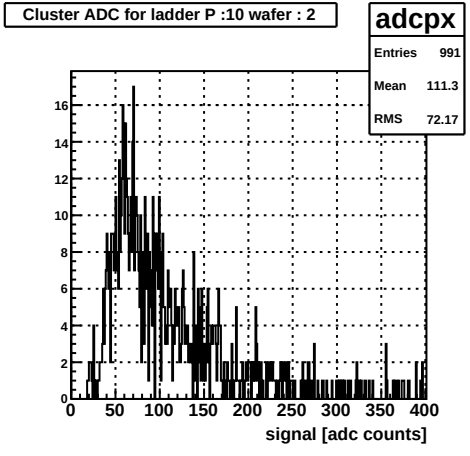

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1035
Mean 44.26
RMS 48.69
signal [adc counts]

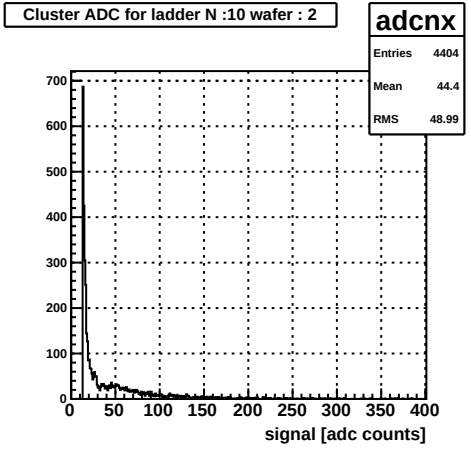

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 26748
Mean 19.43
RMS 5.392
signal [adc counts]

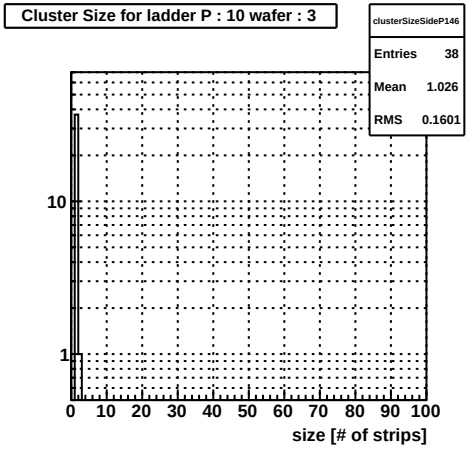

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 991
Mean 1.271
RMS 0.5874
size [# of strips]

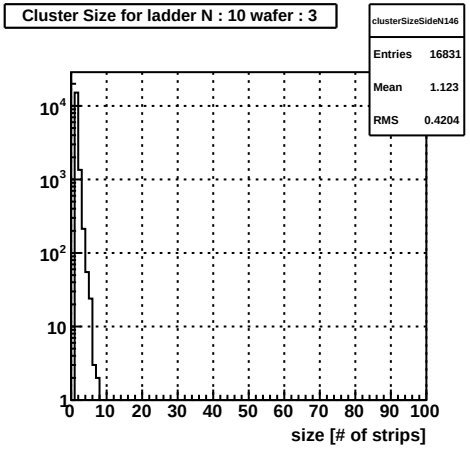

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4404
Mean 1.541
RMS 1.135
size [# of strips]

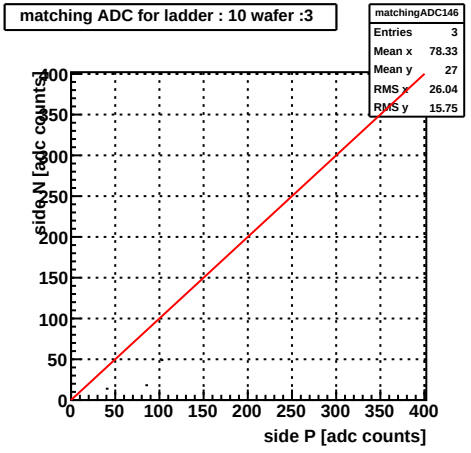

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 728
Mean x 74.01
Mean y 89.63
RMS x 51.52
RMS y 60.82
side N [adc counts]
side P [adc counts]

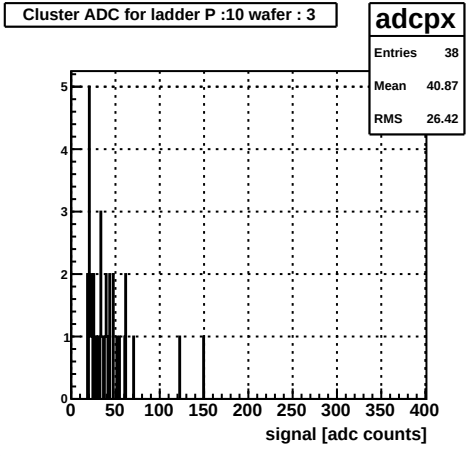

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 991
Mean 111.3
RMS 72.17
signal [adc counts]

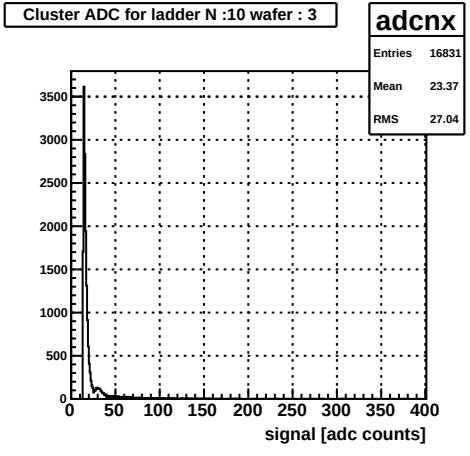

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4404
Mean 44.4
RMS 48.99
signal [adc counts]

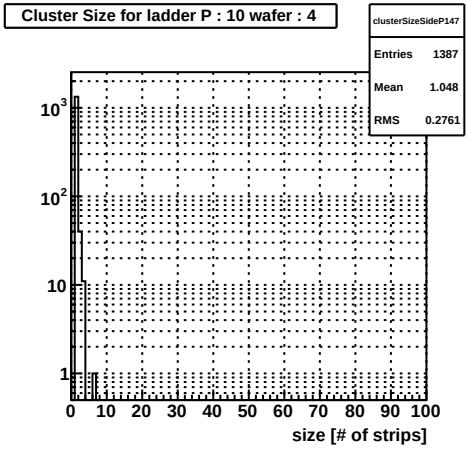

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 38
Mean 1.026
RMS 0.1601
size [# of strips]

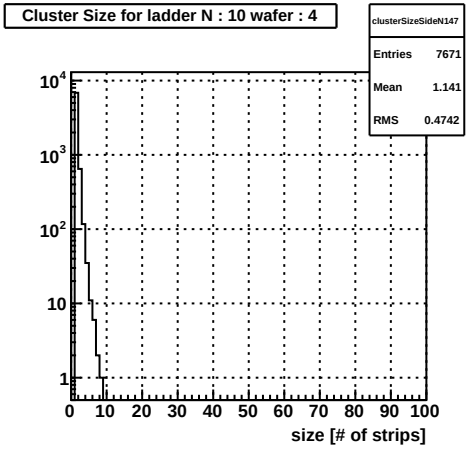

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 16831
Mean 1.123
RMS 0.4204
size [# of strips]

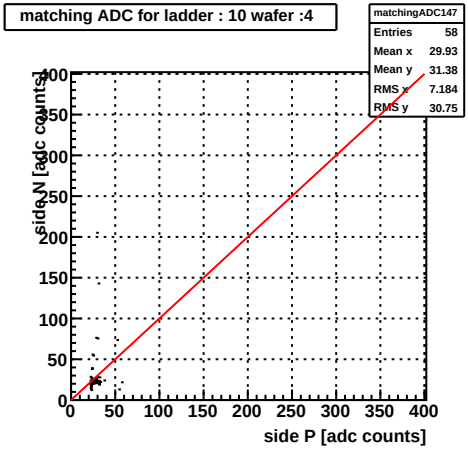

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 78.33
Mean y 27
RMS x 26.04
RMS y 15.75
side N [adc counts]
side P [adc counts]

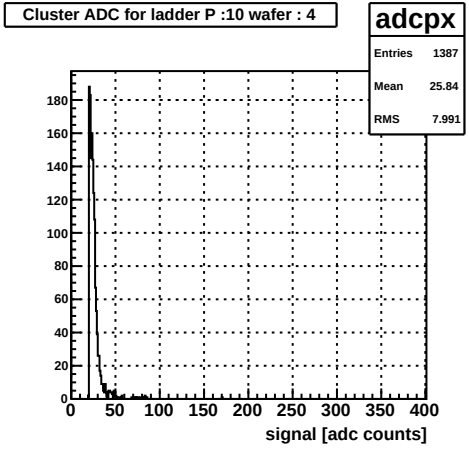

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 38
Mean 40.87
RMS 26.42
signal [adc counts]

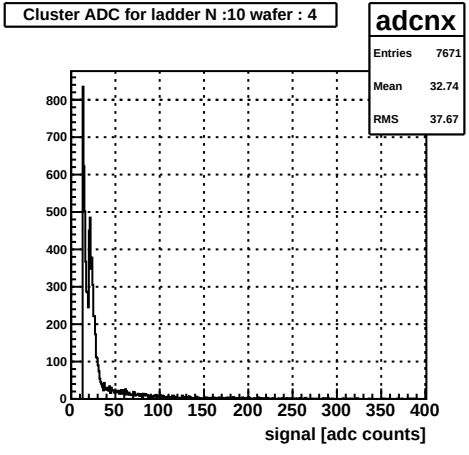

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 16831
Mean 23.37
RMS 27.04
signal [adc counts]

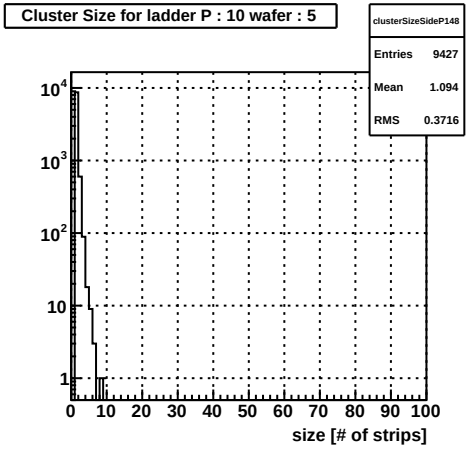

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 1387
Mean 1.048
RMS 0.2761
size [# of strips]

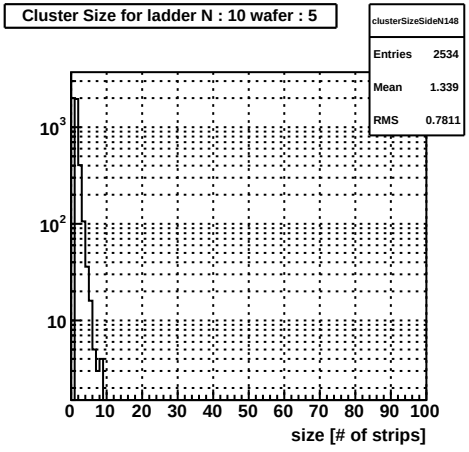

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 7671
Mean 1.141
RMS 0.4742
size [# of strips]

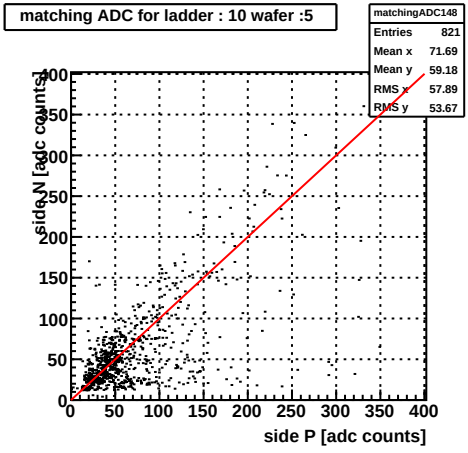

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 58
Mean x 29.93
Mean y 31.38
RMS x 7.184
RMS y 30.75
side N [adc counts]
side P [adc counts]

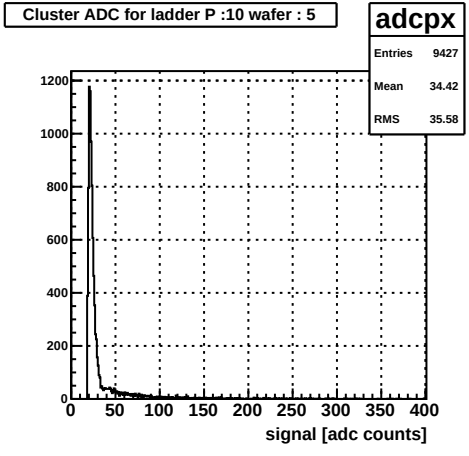

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 1387
Mean 25.84
RMS 7.991
signal [adc counts]

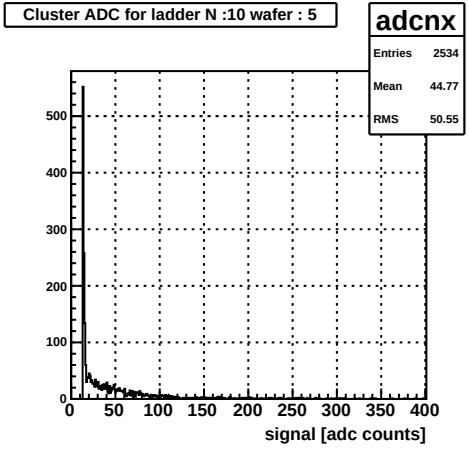

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 7671
Mean 32.74
RMS 37.67
signal [adc counts]

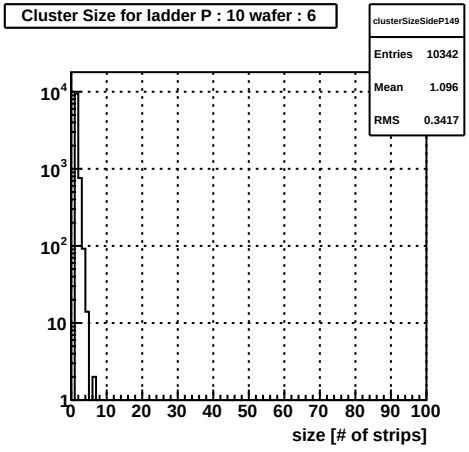

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 9427
Mean 1.094
RMS 0.3716
size [# of strips]

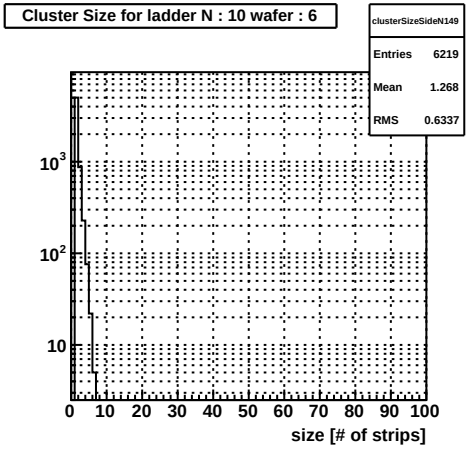

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2534
Mean 1.339
RMS 0.7811
size [# of strips]

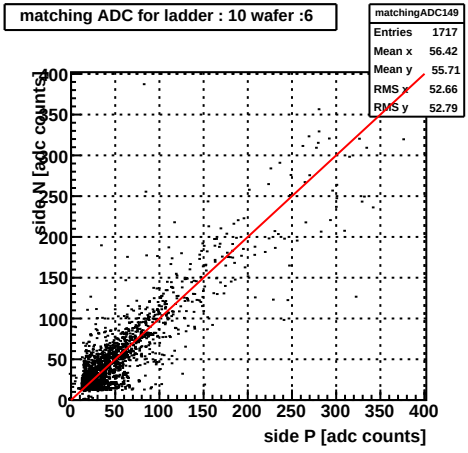

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 821
Mean x 71.69
Mean y 59.18
RMS x 57.89
RMS y 53.67
side N [adc counts]
side P [adc counts]

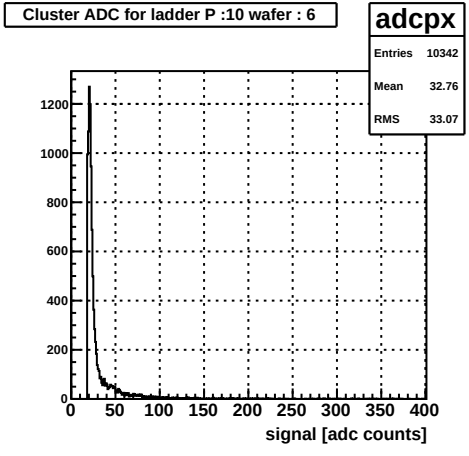

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 9427
Mean 34.42
RMS 35.58
signal [adc counts]

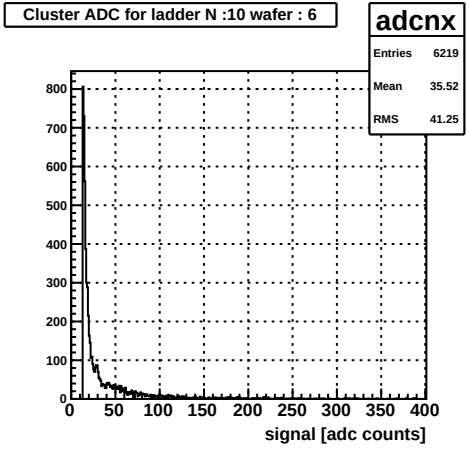

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2534
Mean 44.77
RMS 50.55
signal [adc counts]

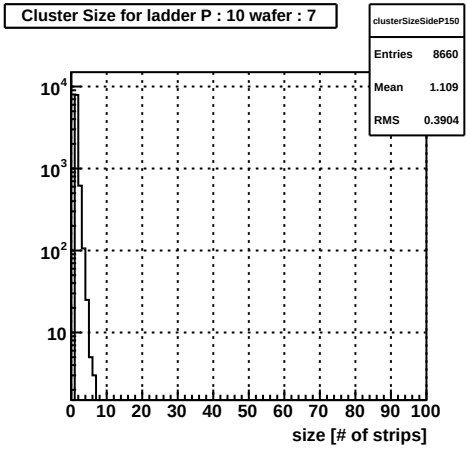

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10342
Mean 1.096
RMS 0.3417
size [# of strips]

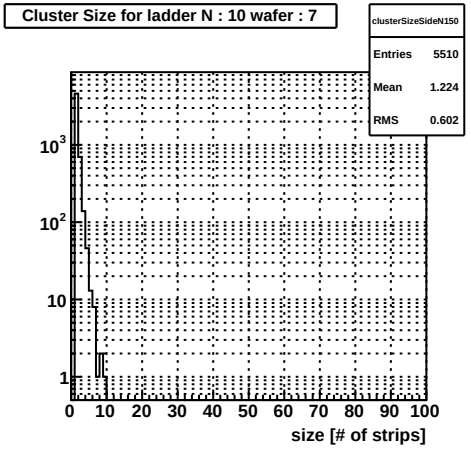

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6219
Mean 1.268
RMS 0.6337
size [# of strips]

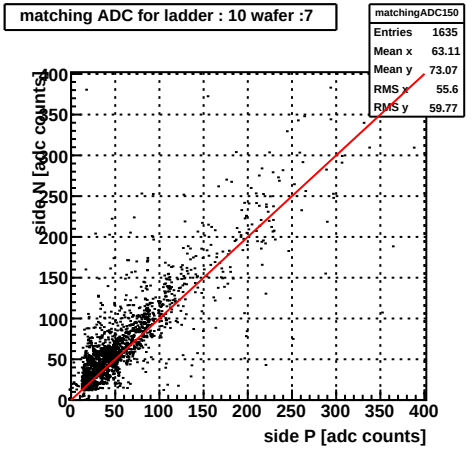

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1717
Mean x 56.42
Mean y 55.71
RMS x 52.66
RMS y 52.79
side N [adc counts]
side P [adc counts]

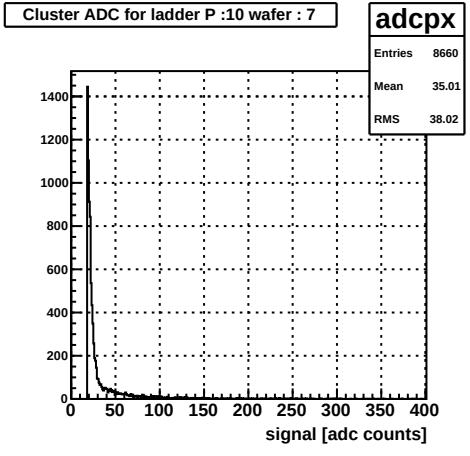

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10342
Mean 32.76
RMS 33.07
signal [adc counts]

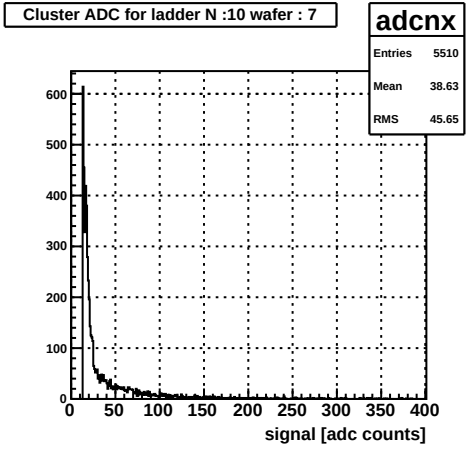

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6219
Mean 35.52
RMS 41.25
signal [adc counts]

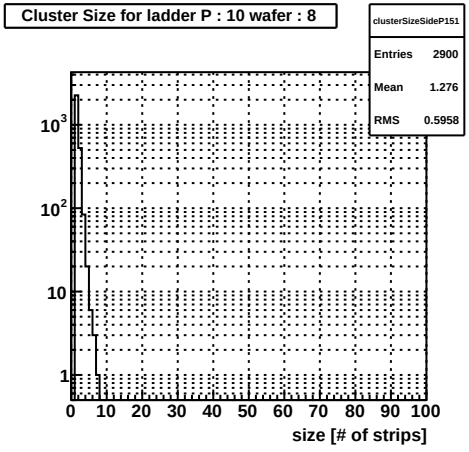

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 8660
Mean 1.109
RMS 0.3904
size [# of strips]

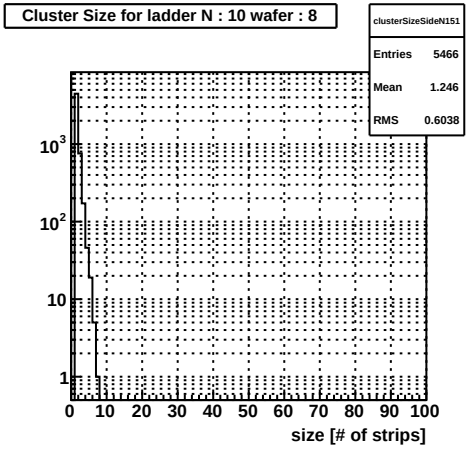

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 5510
Mean 1.224
RMS 0.602
size [# of strips]

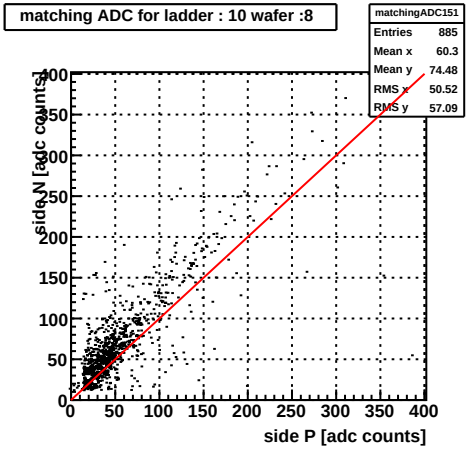

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1635
Mean x 63.11
Mean y 73.07
RMS x 55.6
RMS y 59.77
side N [adc counts]
side P [adc counts]

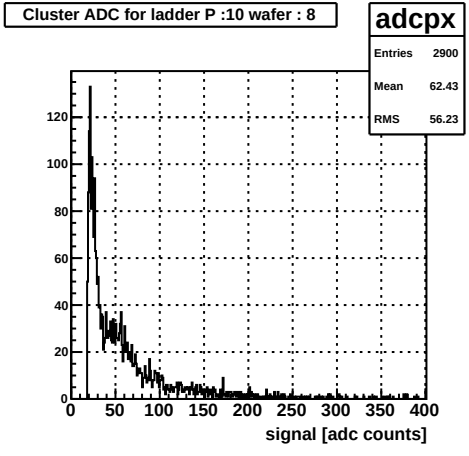

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 8660
Mean 35.01
RMS 38.02
signal [adc counts]

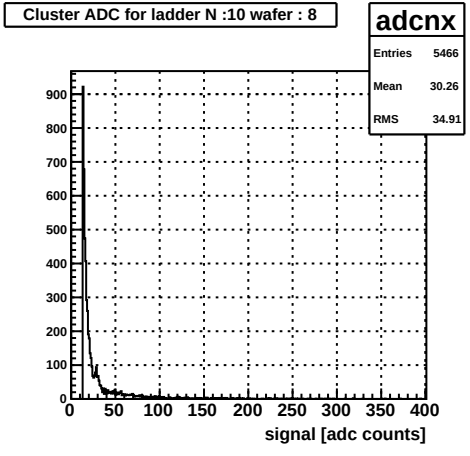

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 5510
Mean 38.63
RMS 45.65
signal [adc counts]

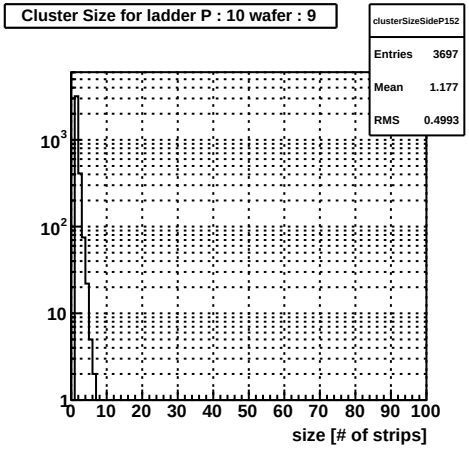

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2900
Mean 1.276
RMS 0.5958
size [# of strips]

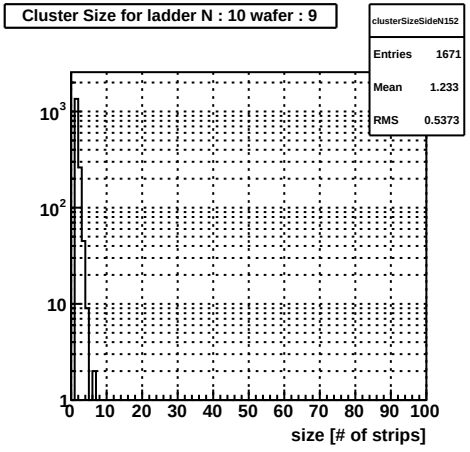

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5466
Mean 1.246
RMS 0.6038
size [# of strips]

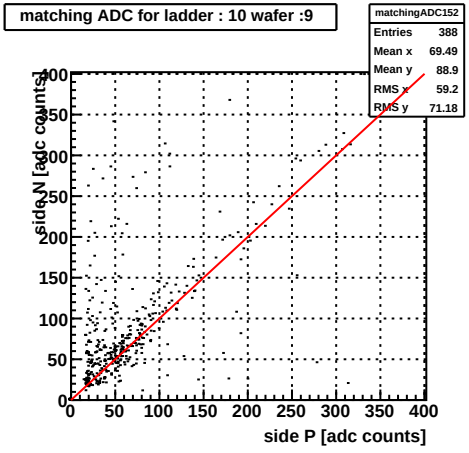

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 885
Mean x 60.3
Mean y 74.48
RMS x 50.52
RMS y 57.09
side N [adc counts]
side P [adc counts]

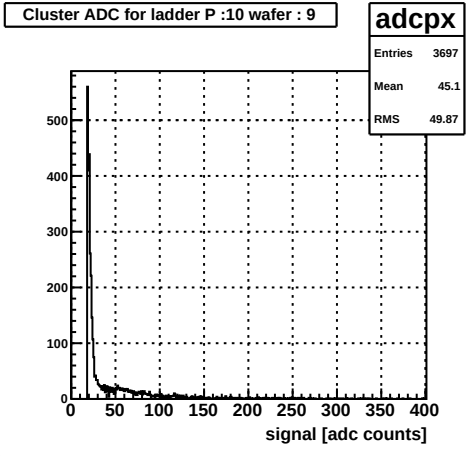

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2900
Mean 62.43
RMS 56.23
signal [adc counts]

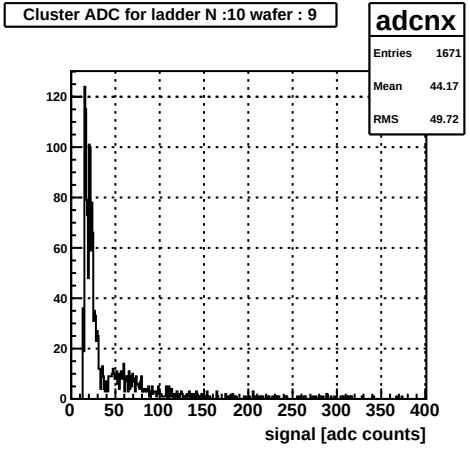

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5466
Mean 30.26
RMS 34.91
signal [adc counts]

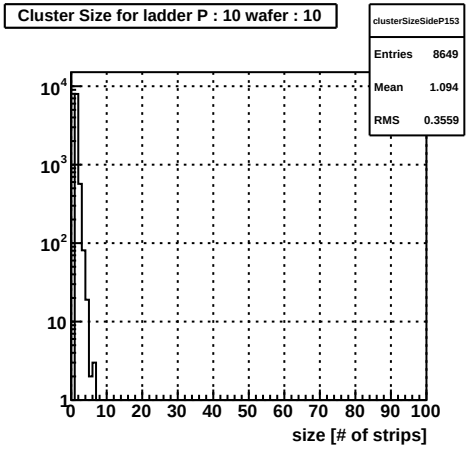

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3697
Mean 1.177
RMS 0.4993
size [# of strips]

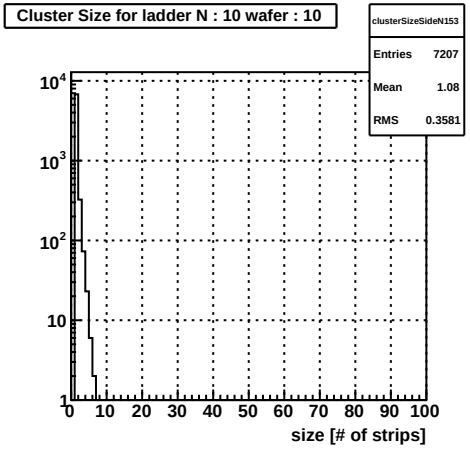

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1671
Mean 1.233
RMS 0.5373
size [# of strips]

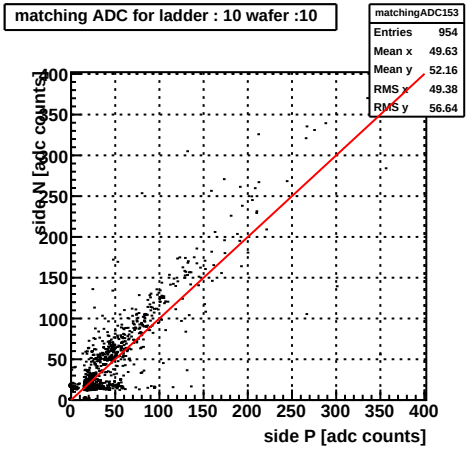

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 388
Mean x 69.49
Mean y 88.9
RMS x 59.2
RMS y 71.18
side N [adc counts]
side P [adc counts]

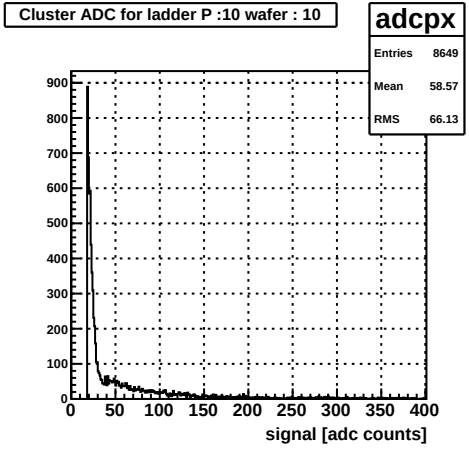

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3697
Mean 45.1
RMS 49.87
signal [adc counts]

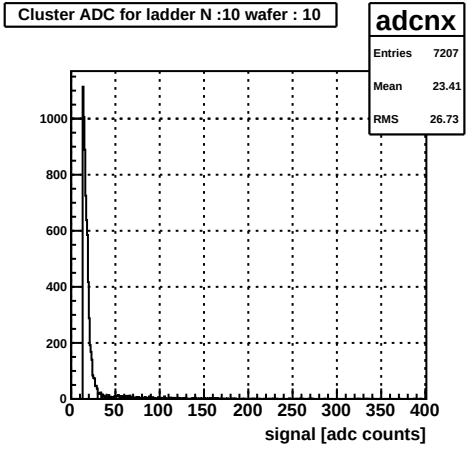

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1671
Mean 44.17
RMS 49.72
signal [adc counts]

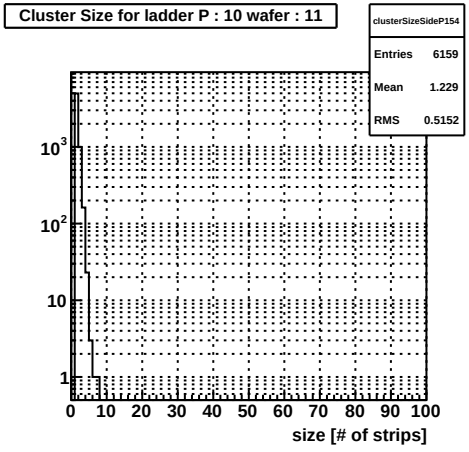

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8649
Mean 1.094
RMS 0.3559
size [# of strips]

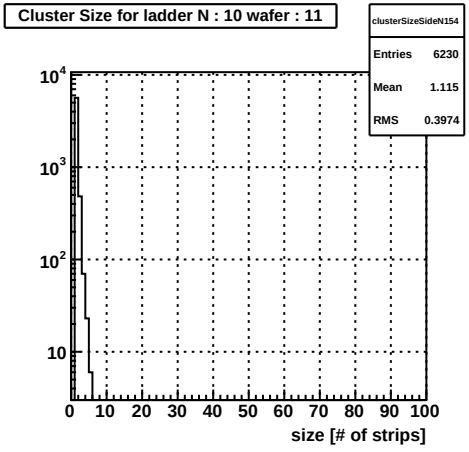

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 7207
Mean 1.08
RMS 0.3581
size [# of strips]

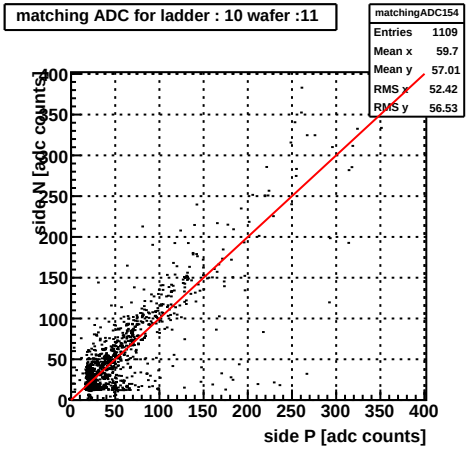

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 954
Mean x 49.63
Mean y 52.16
RMS x 49.38
RMS y 56.64
side N [adc counts]
side P [adc counts]

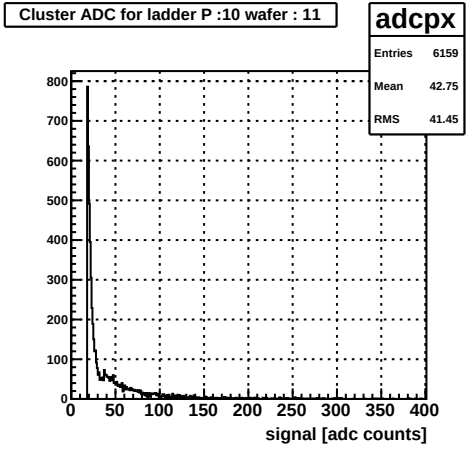

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8649
Mean 58.57
RMS 66.13
signal [adc counts]

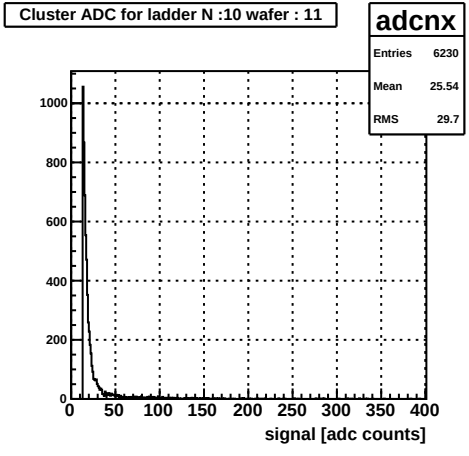

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 7207
Mean 23.41
RMS 26.73
signal [adc counts]

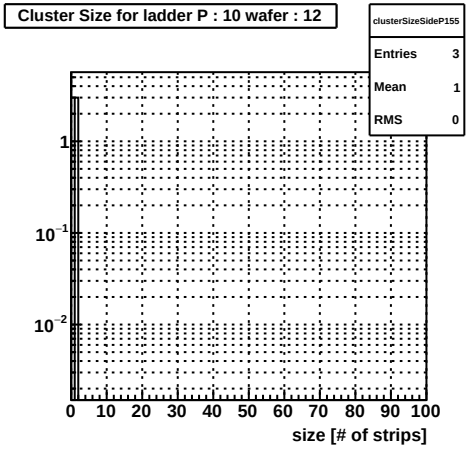

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6159
Mean 1.229
RMS 0.5152
size [# of strips]

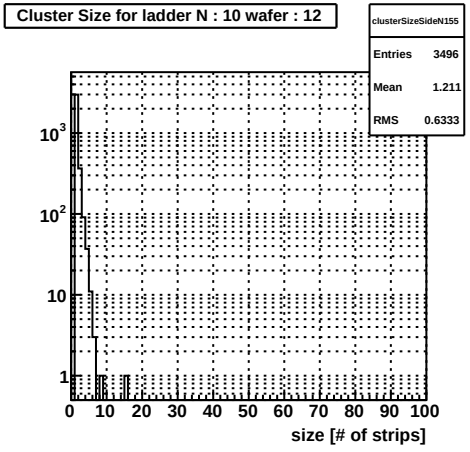

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6230
Mean 1.115
RMS 0.3974
size [# of strips]

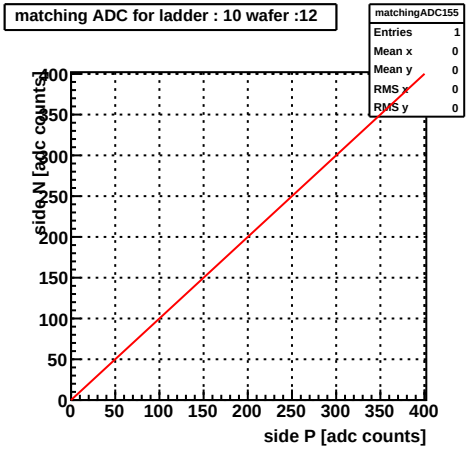

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1109
Mean x 59.7
Mean y 57.01
RMS x 52.42
RMS y 56.53
side N [adc counts]
side P [adc counts]

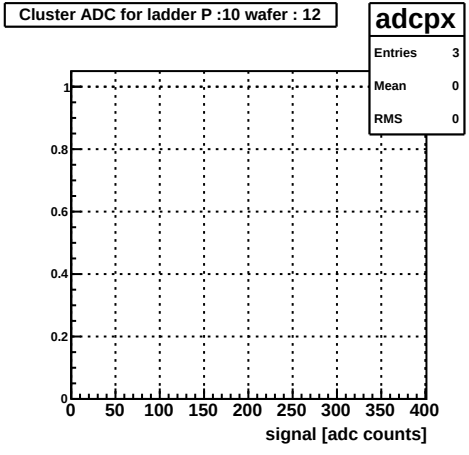

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6159
Mean 42.75
RMS 41.45
signal [adc counts]

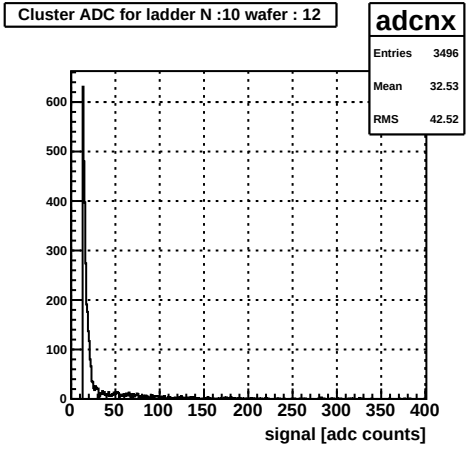

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6230
Mean 25.54
RMS 29.7
signal [adc counts]

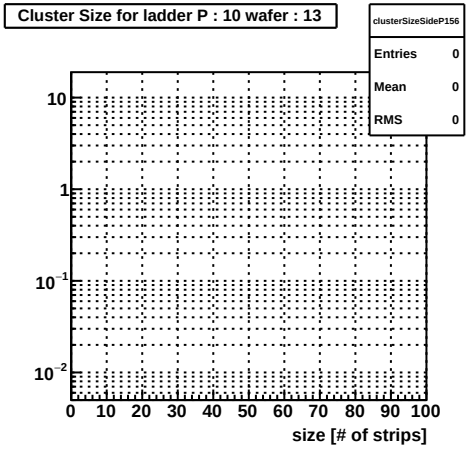

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1
RMS 0
size [# of strips]

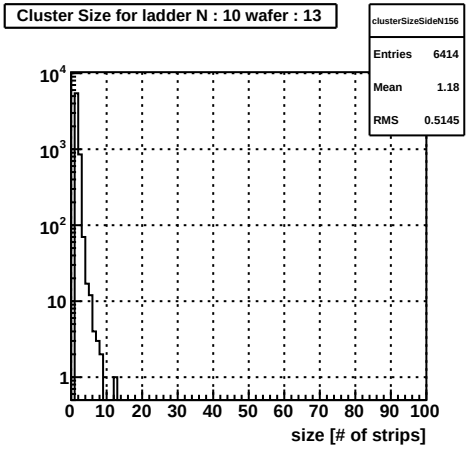

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3496
Mean 1.211
RMS 0.6333
size [# of strips]

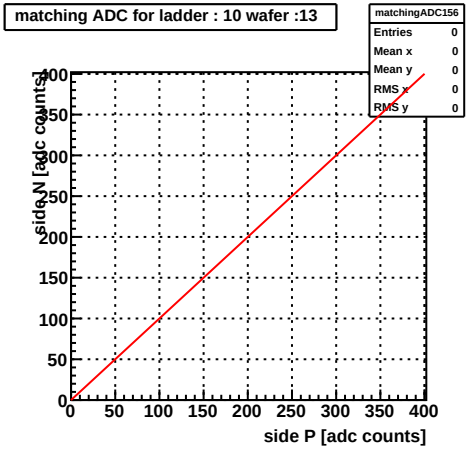

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

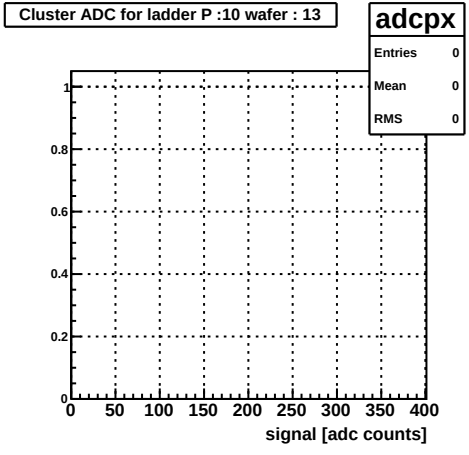

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

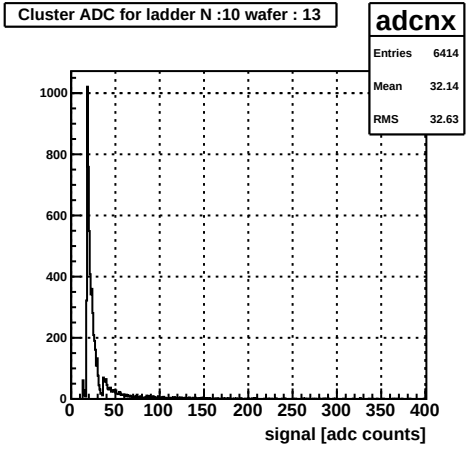

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3496
Mean 32.53
RMS 42.52
signal [adc counts]

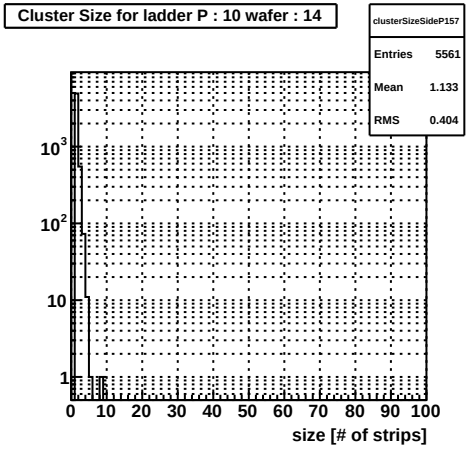

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

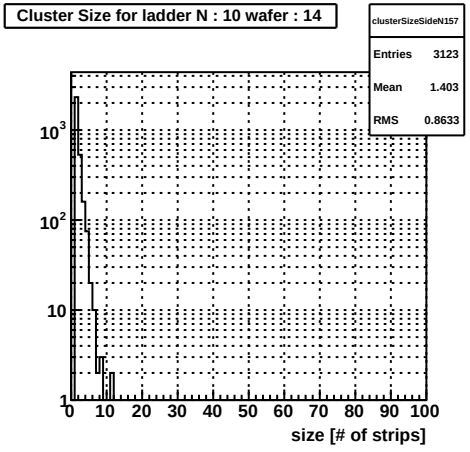

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6414
Mean 1.18
RMS 0.5145
size [# of strips]

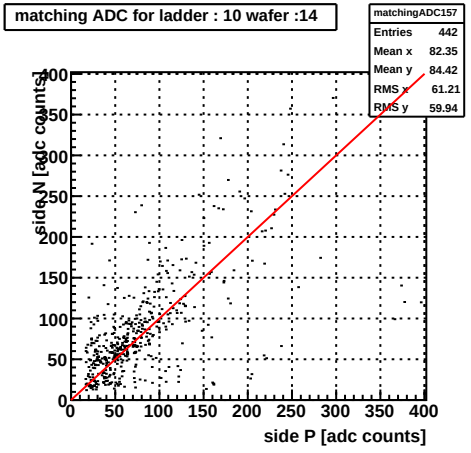

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

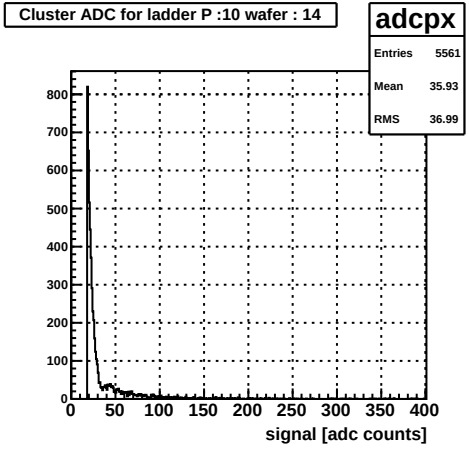

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

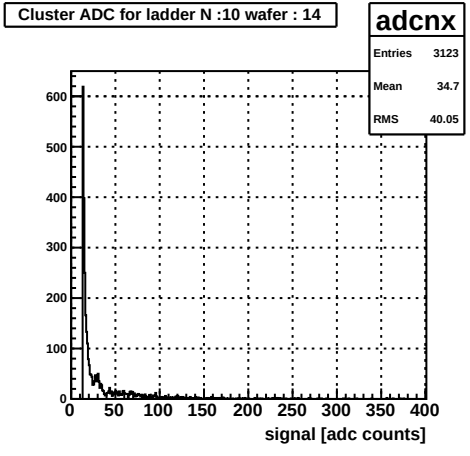

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6414
Mean 32.14
RMS 32.63
signal [adc counts]

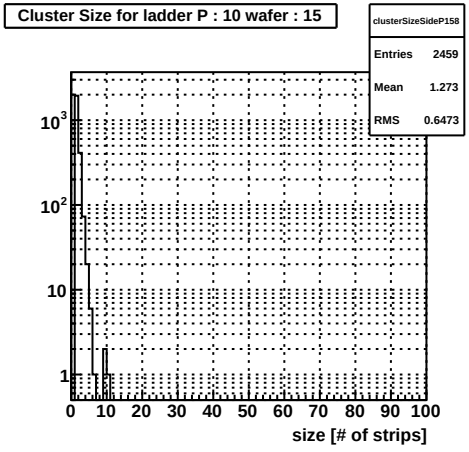

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 5561
Mean 1.133
RMS 0.404
size [# of strips]

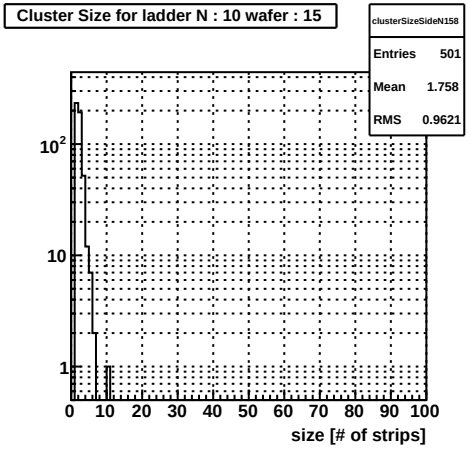

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 3123
Mean 1.403
RMS 0.8633
size [# of strips]

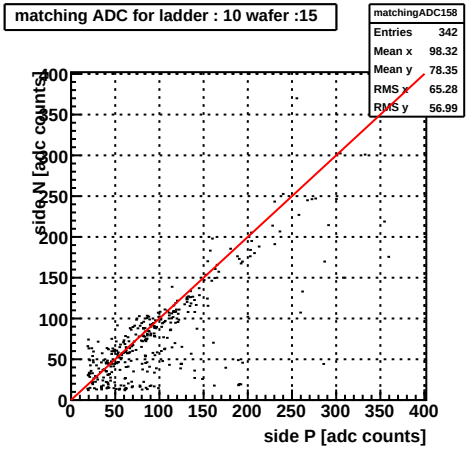

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 442
Mean x 82.35
Mean y 84.42
RMS x 61.21
RMS y 59.94
side N [adc counts]
side P [adc counts]

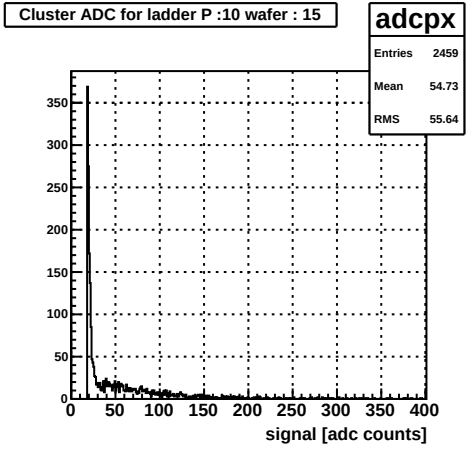

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 5561
Mean 35.93
RMS 36.99
signal [adc counts]

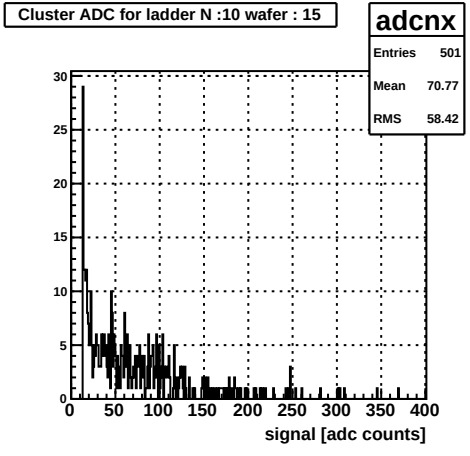

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 3123
Mean 34.7
RMS 40.05
signal [adc counts]

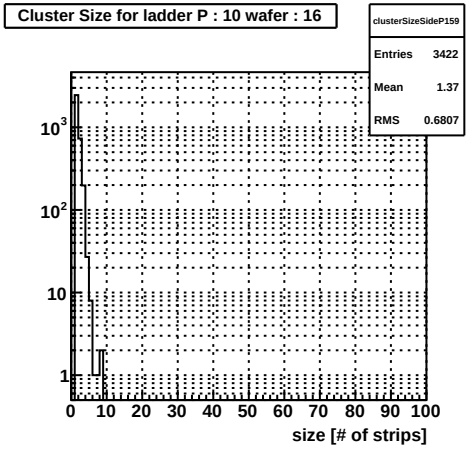

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2459
Mean 1.273
RMS 0.6473
size [# of strips]

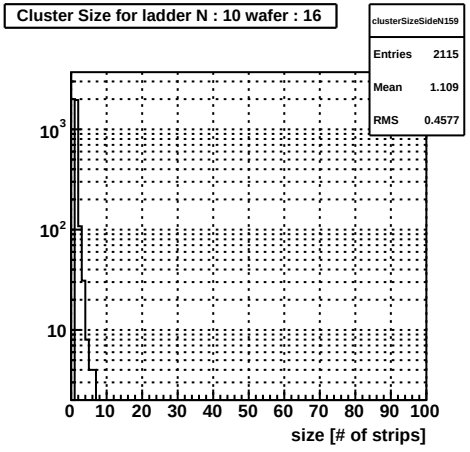

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 501
Mean 1.758
RMS 0.9621
size [# of strips]

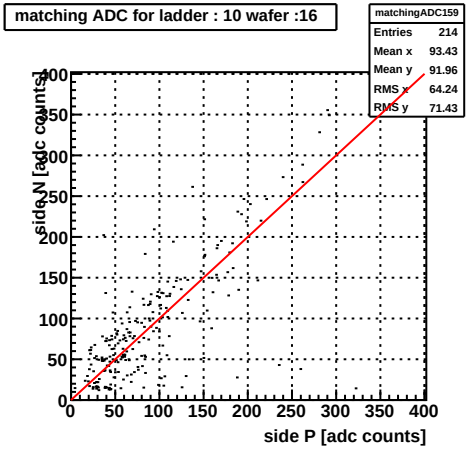

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 342
Mean x 98.32
Mean y 78.35
RMS x 65.28
RMS y 56.99
side N [adc counts]
side P [adc counts]

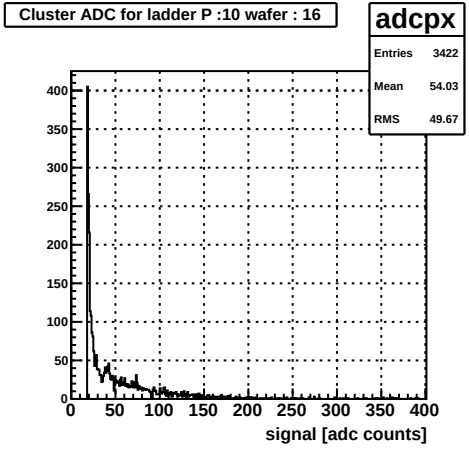

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2459
Mean 54.73
RMS 55.64
signal [adc counts]

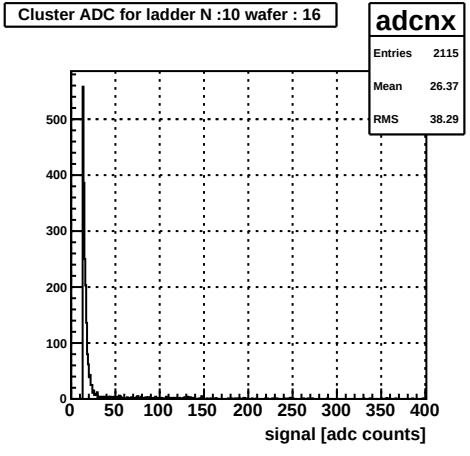

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 501
Mean 70.77
RMS 58.42
signal [adc counts]

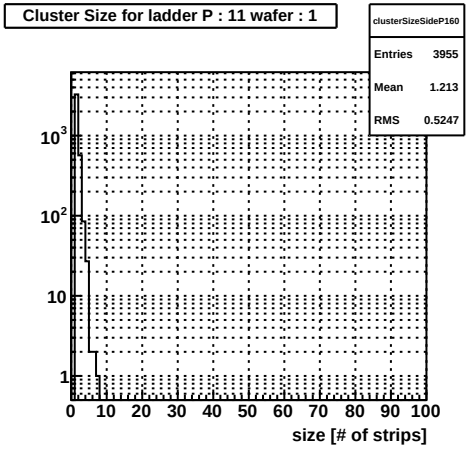

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3422
Mean 1.37
RMS 0.6807
size [# of strips]

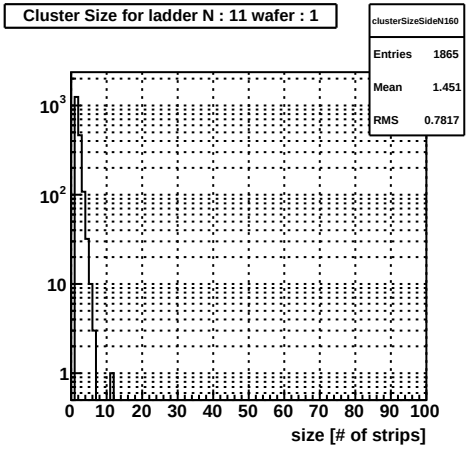

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2115
Mean 1.109
RMS 0.4577
size [# of strips]

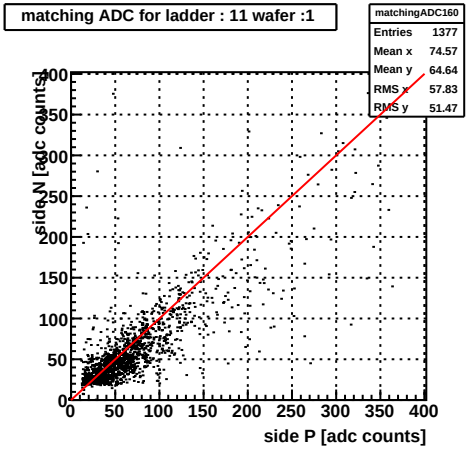

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 214
Mean x 93.43
Mean y 91.96
RMS x 64.24
RMS y 71.43
side N [adc counts]
side P [adc counts]

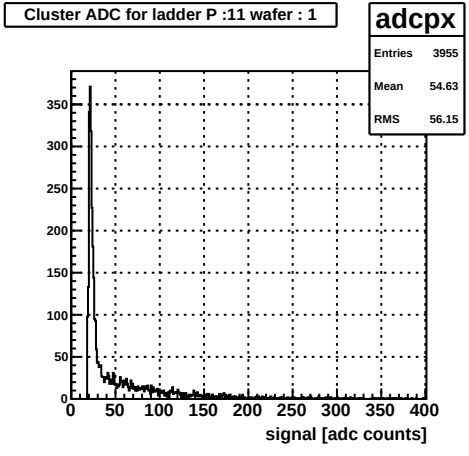

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3422
Mean 54.03
RMS 49.67
signal [adc counts]

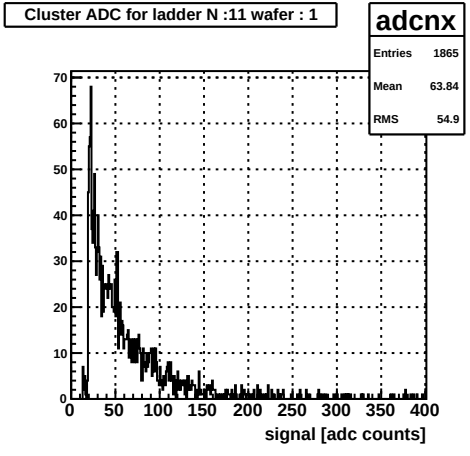

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2115
Mean 26.37
RMS 38.29
signal [adc counts]

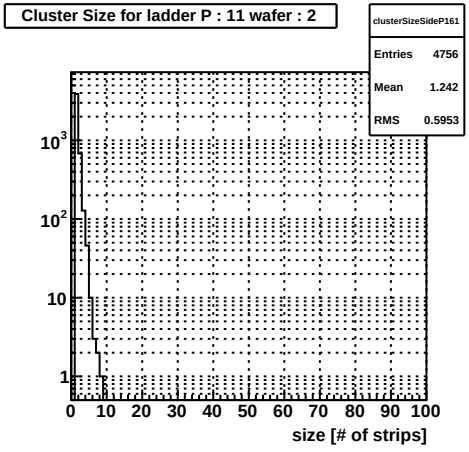

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3955
Mean 1.213
RMS 0.5247
size [# of strips]

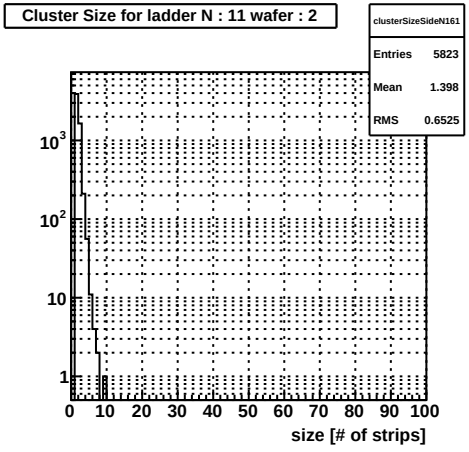

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1865
Mean 1.451
RMS 0.7817
size [# of strips]

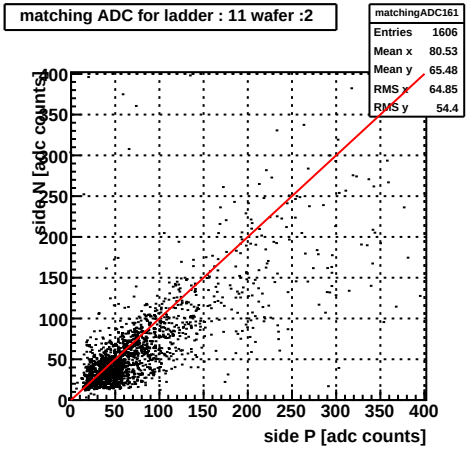

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1377
Mean x 74.57
Mean y 64.64
RMS x 57.83
RMS y 51.47
side N [adc counts]
side P [adc counts]

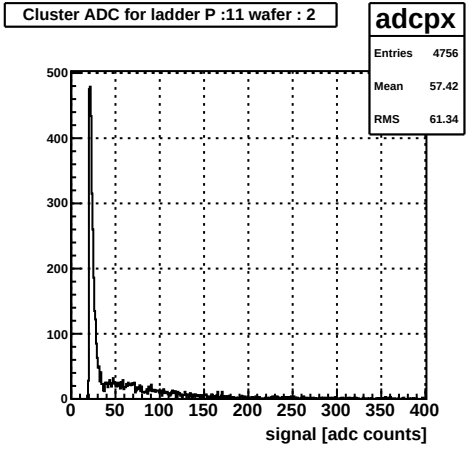

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3955
Mean 54.63
RMS 56.15
signal [adc counts]

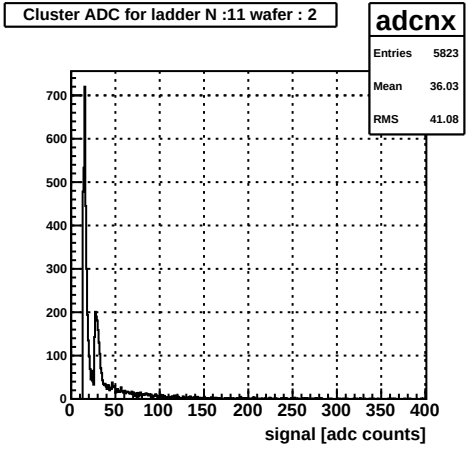

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1865
Mean 63.84
RMS 54.9
signal [adc counts]

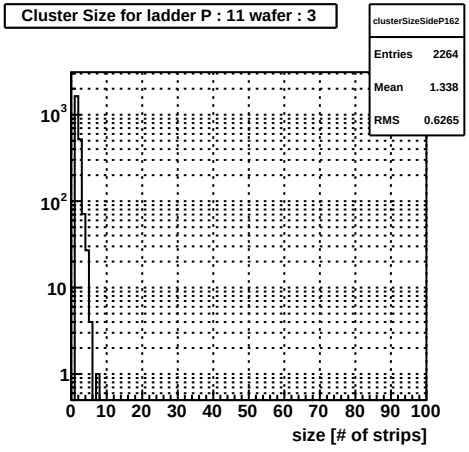

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4756
Mean 1.242
RMS 0.5953
size [# of strips]

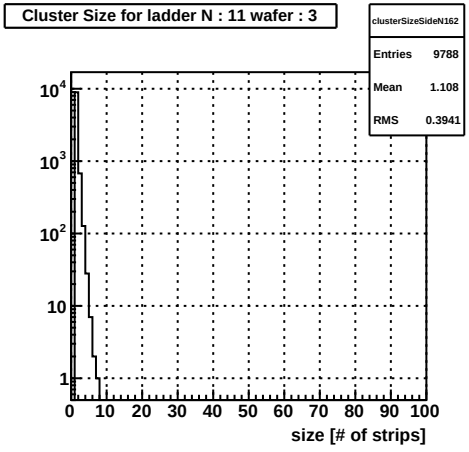

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5823
Mean 1.398
RMS 0.6525
size [# of strips]

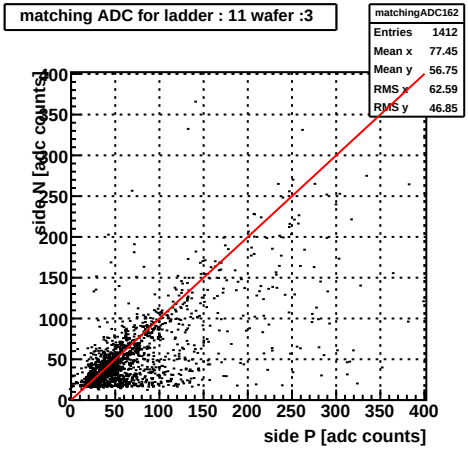

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1606
Mean x 80.53
Mean y 65.48
RMS x 64.85
RMS y 54.4
side N [adc counts]
side P [adc counts]

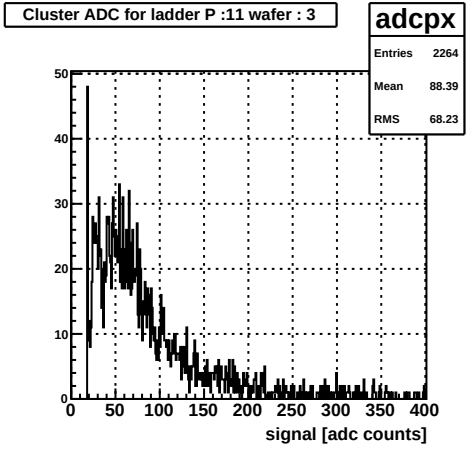

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4756
Mean 57.42
RMS 61.34
signal [adc counts]

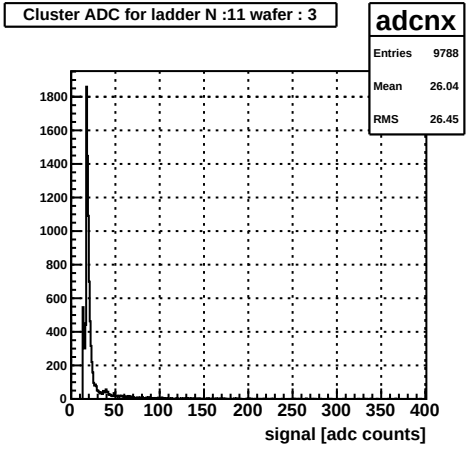

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5823
Mean 36.03
RMS 41.08
signal [adc counts]

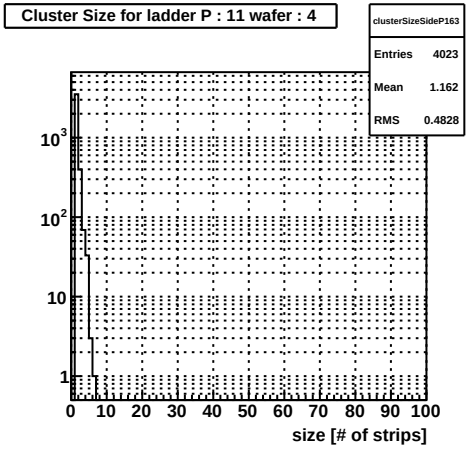

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2264
Mean 1.338
RMS 0.6265
size [# of strips]

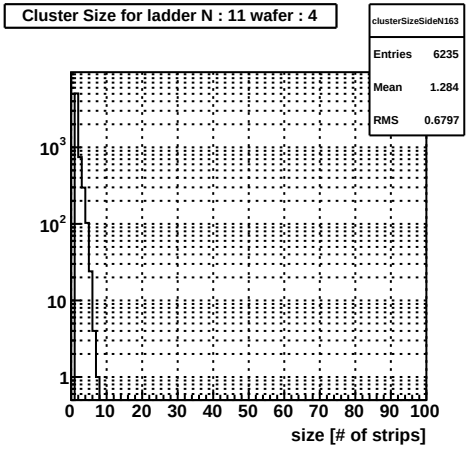

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9788
Mean 1.108
RMS 0.3941
size [# of strips]

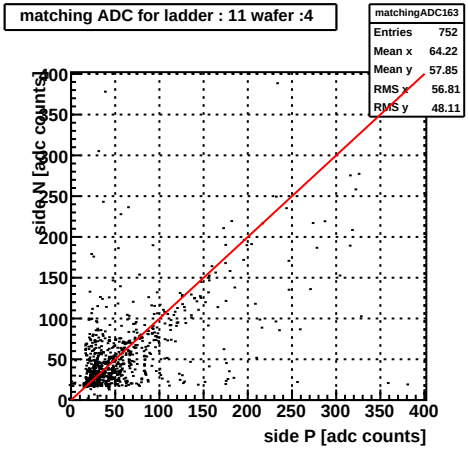

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1412
Mean x 77.45
Mean y 56.75
RMS x 62.59
RMS y 46.85
side N [adc counts]
side P [adc counts]

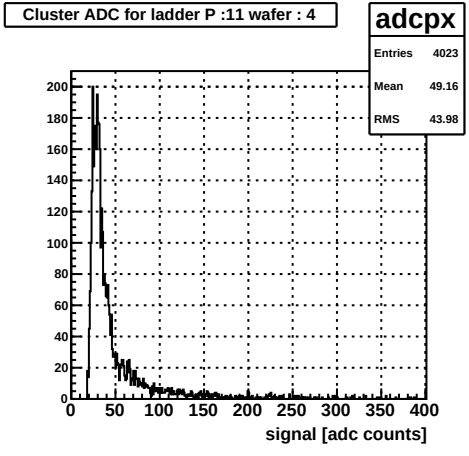

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2264
Mean 88.39
RMS 68.23
signal [adc counts]

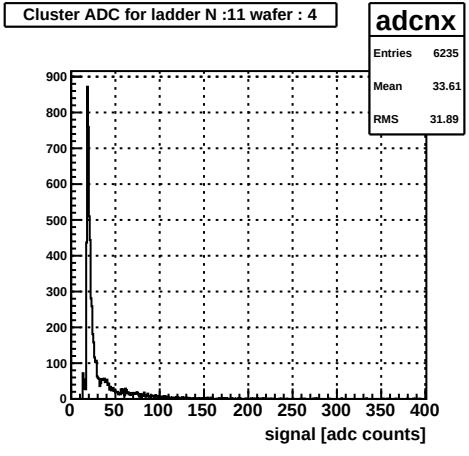

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9788
Mean 26.04
RMS 26.45
signal [adc counts]

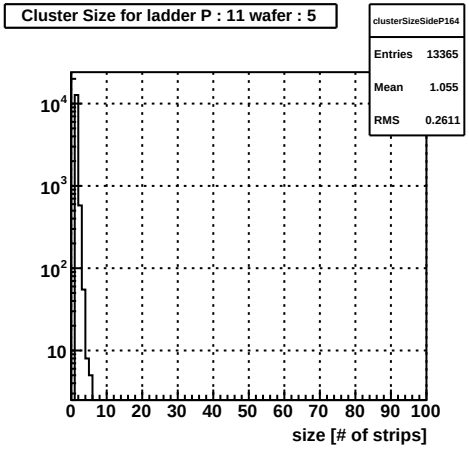

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4023
Mean 1.162
RMS 0.4828
size [# of strips]

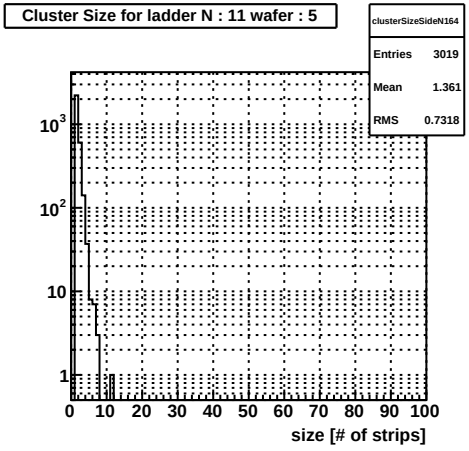

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6235
Mean 1.284
RMS 0.6797
size [# of strips]

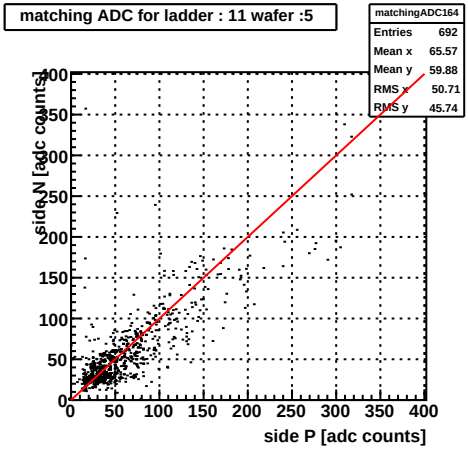

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 752
Mean x 64.22
Mean y 57.85
RMS x 56.81
RMS y 48.11
side N [adc counts]
side P [adc counts]

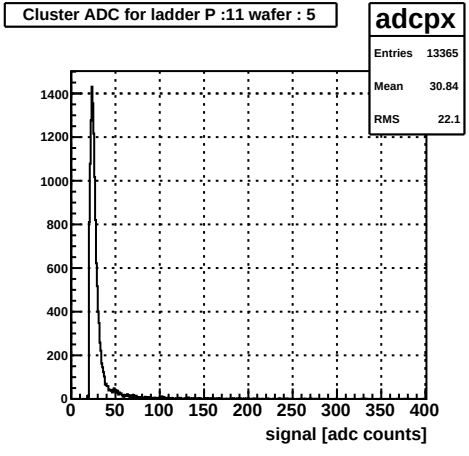

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4023
Mean 49.16
RMS 43.98
signal [adc counts]

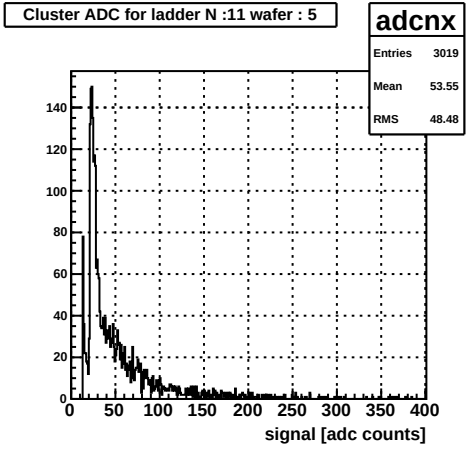

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6235
Mean 33.61
RMS 31.89
signal [adc counts]

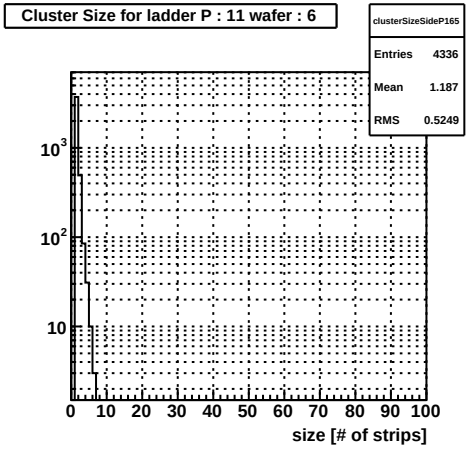

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13365
Mean 1.055
RMS 0.2611
size [# of strips]

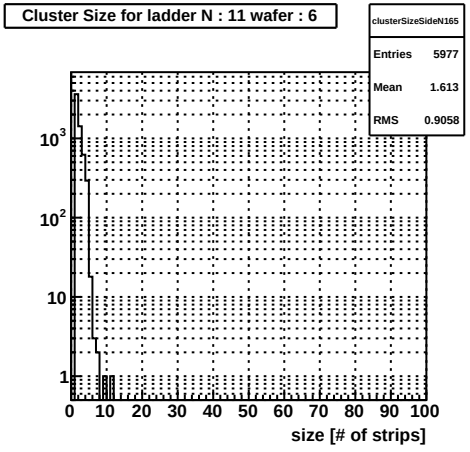

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 3019
Mean 1.361
RMS 0.7318
size [# of strips]

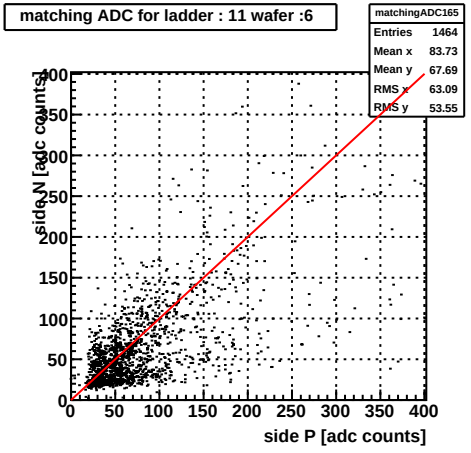

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 692
Mean x 65.57
Mean y 59.88
RMS x 50.71
RMS y 45.74
side N [adc counts]
side P [adc counts]

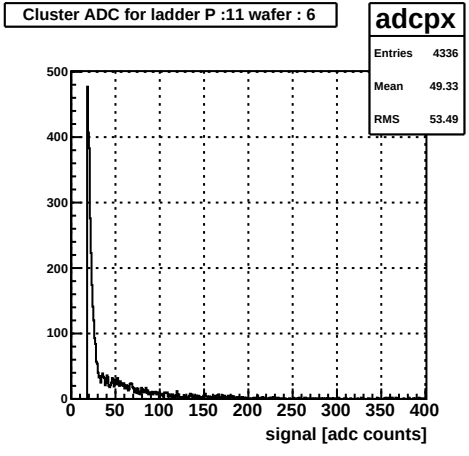

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13365
Mean 30.84
RMS 22.1
signal [adc counts]

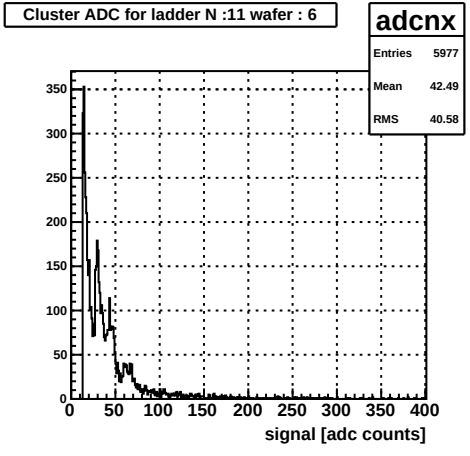

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 3019
Mean 53.55
RMS 48.48
signal [adc counts]

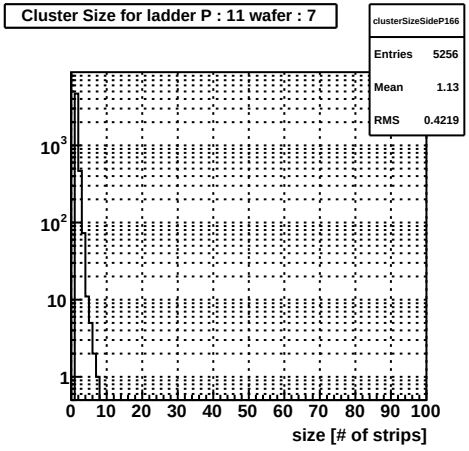

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4336
Mean 1.187
RMS 0.5249
size [# of strips]

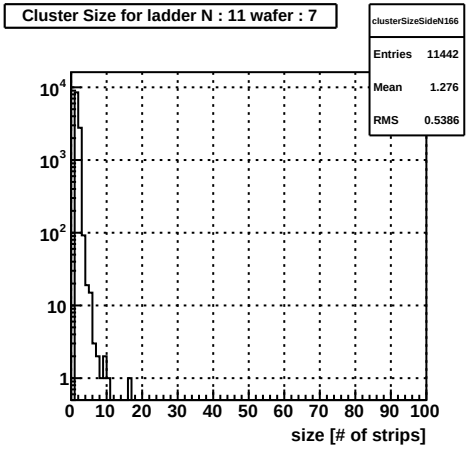

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5977
Mean 1.613
RMS 0.9058
size [# of strips]

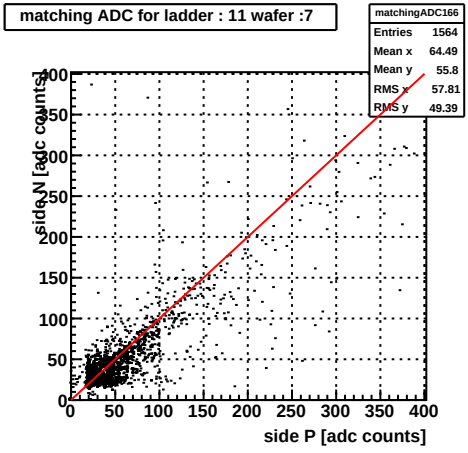

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1464
Mean x 83.73
Mean y 67.69
RMS x 63.09
RMS y 53.55
side N [adc counts]
side P [adc counts]

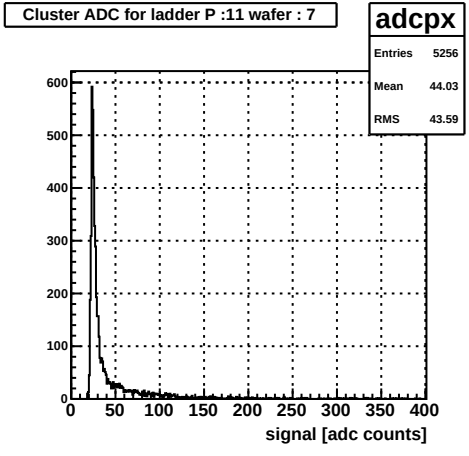

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4336
Mean 49.33
RMS 53.49
signal [adc counts]

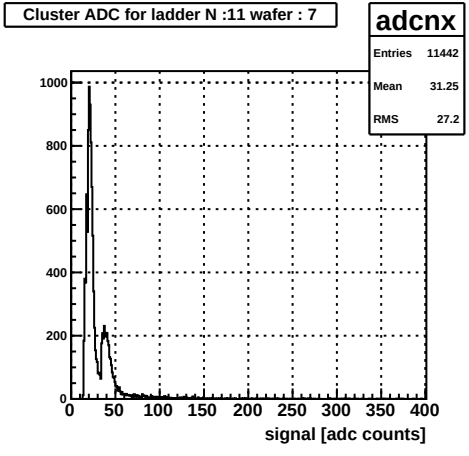

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5977
Mean 42.49
RMS 40.58
signal [adc counts]

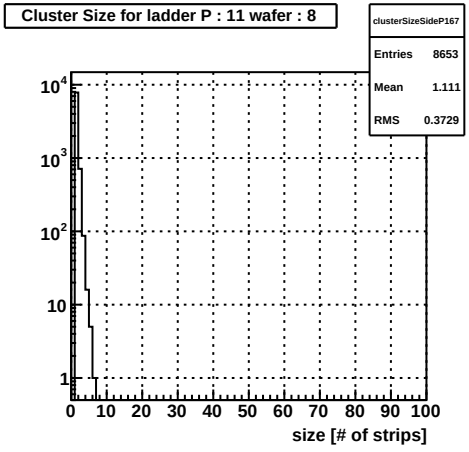

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 5256
Mean 1.13
RMS 0.4219
size [# of strips]

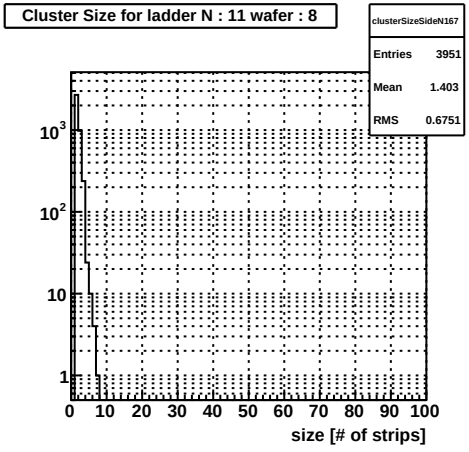

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11442
Mean 1.276
RMS 0.5386
size [# of strips]

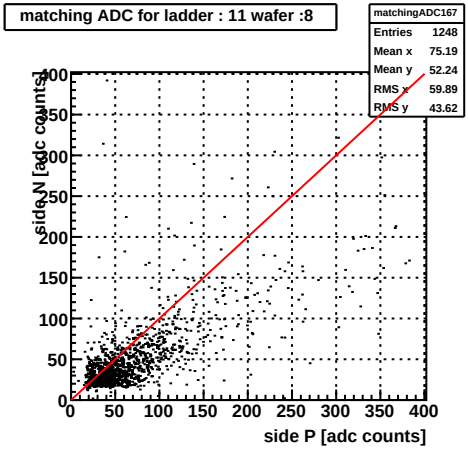

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1564
Mean x 64.49
Mean y 55.8
RMS x 57.81
RMS y 49.39
side N [adc counts]
side P [adc counts]

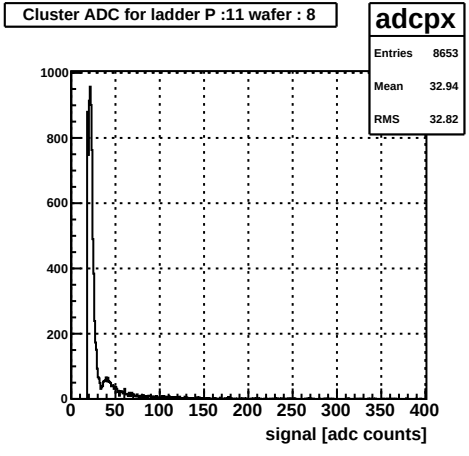

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 5256
Mean 44.03
RMS 43.59
signal [adc counts]

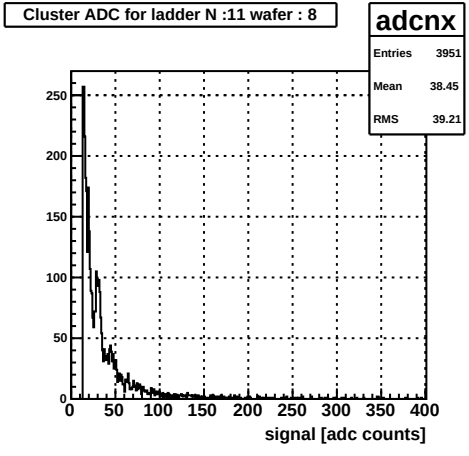

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11442
Mean 31.25
RMS 27.2
signal [adc counts]

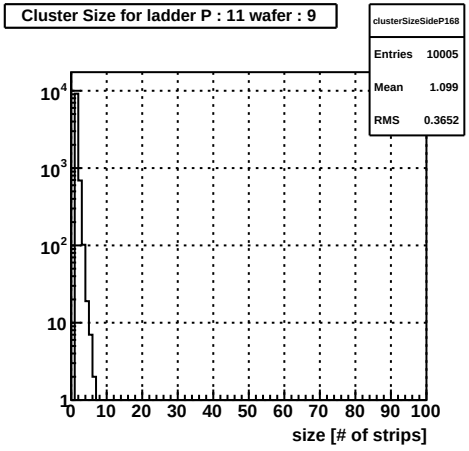

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8653
Mean 1.111
RMS 0.3729
size [# of strips]

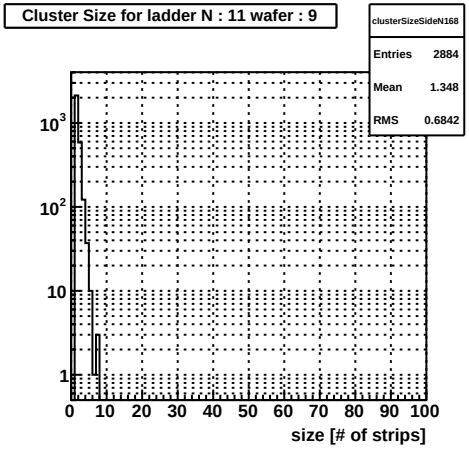

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3951
Mean 1.403
RMS 0.6751
size [# of strips]

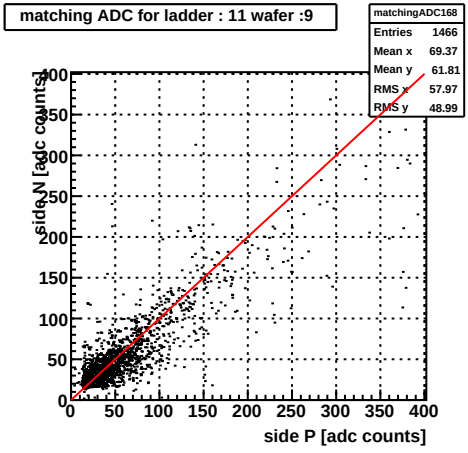

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1248
Mean x 75.19
Mean y 52.24
RMS x 59.89
RMS y 43.62
side N [adc counts]
side P [adc counts]

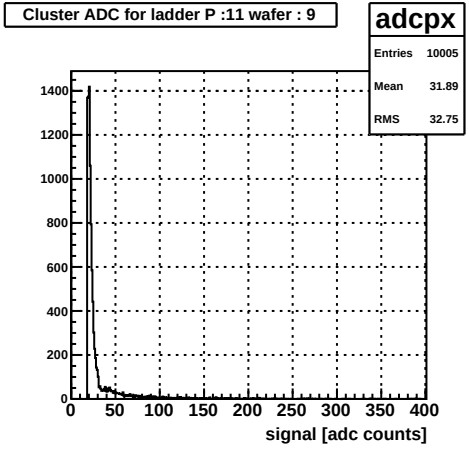

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8653
Mean 32.94
RMS 32.82
signal [adc counts]

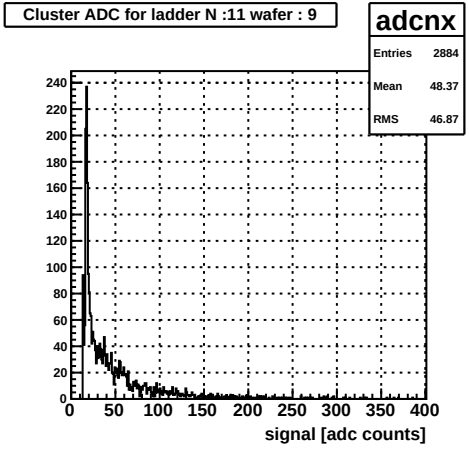

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3951
Mean 38.45
RMS 39.21
signal [adc counts]

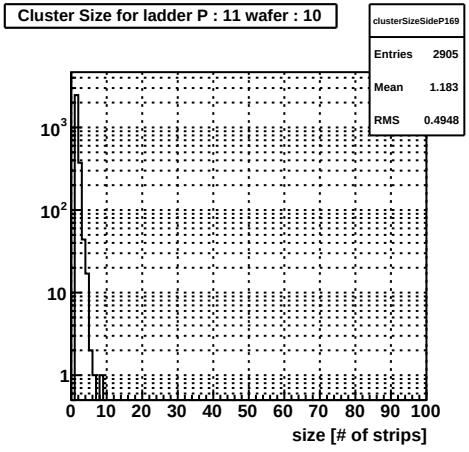

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 10005
Mean 1.099
RMS 0.3652
size [# of strips]

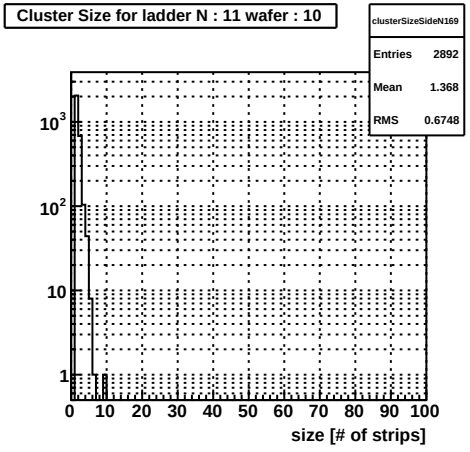

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2884
Mean 1.348
RMS 0.6842
size [# of strips]

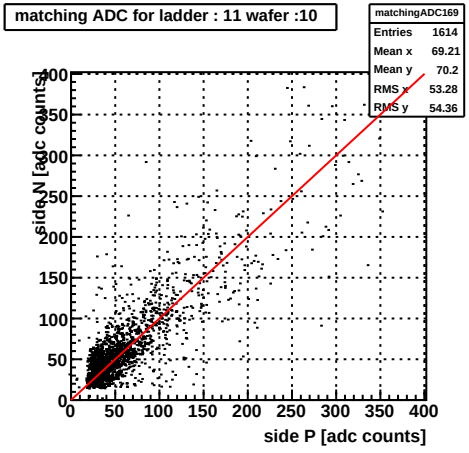

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1466
Mean x 69.37
Mean y 61.81
RMS x 57.97
RMS y 48.99
side N [adc counts]
side P [adc counts]

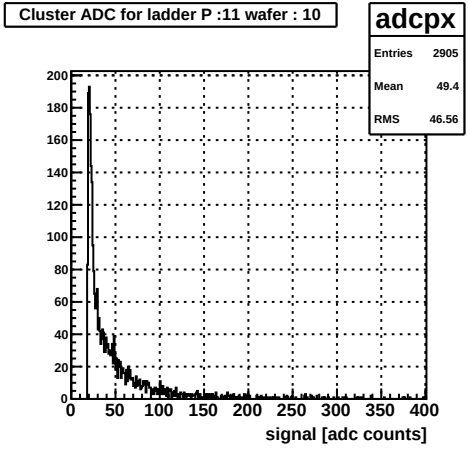

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 10005
Mean 31.89
RMS 32.75
signal [adc counts]

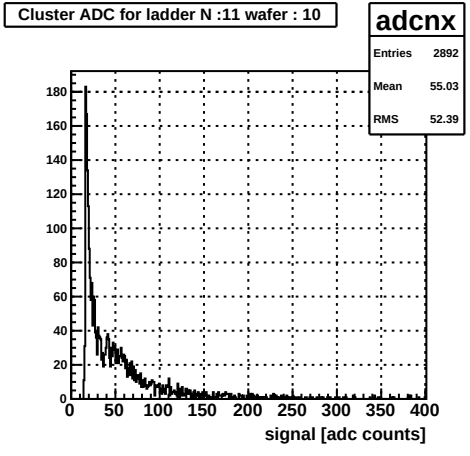

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2884
Mean 48.37
RMS 46.87
signal [adc counts]

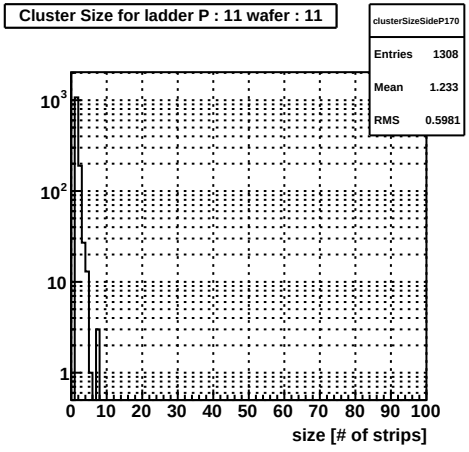

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2905
Mean 1.183
RMS 0.4948
size [# of strips]

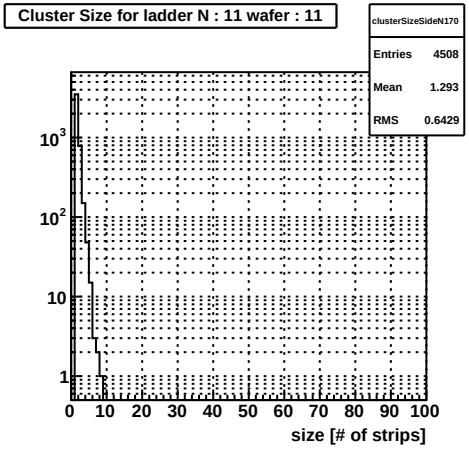

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2892
Mean 1.368
RMS 0.6748
size [# of strips]

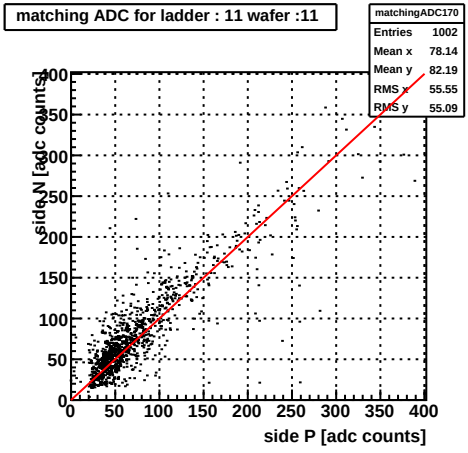

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1614
Mean x 69.21
Mean y 70.2
RMS x 53.28
RMS y 54.36
side N [adc counts]
side P [adc counts]

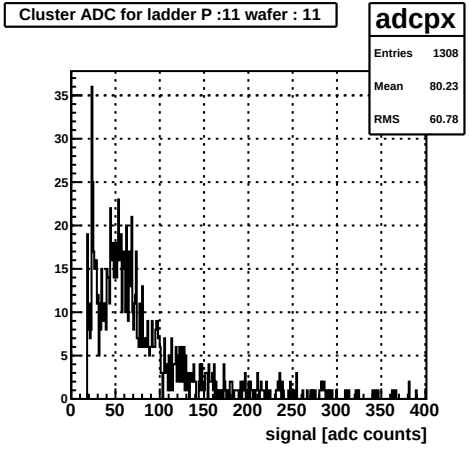

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2905
Mean 49.4
RMS 46.56
signal [adc counts]

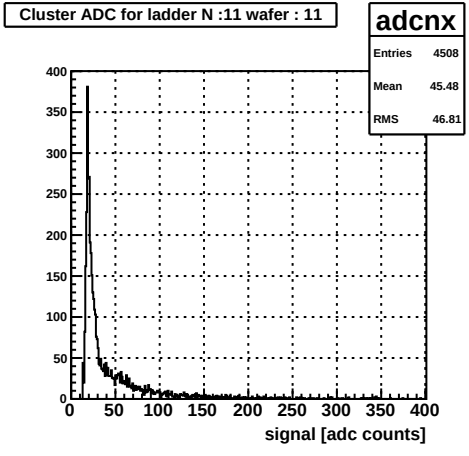

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2892
Mean 55.03
RMS 52.39
signal [adc counts]

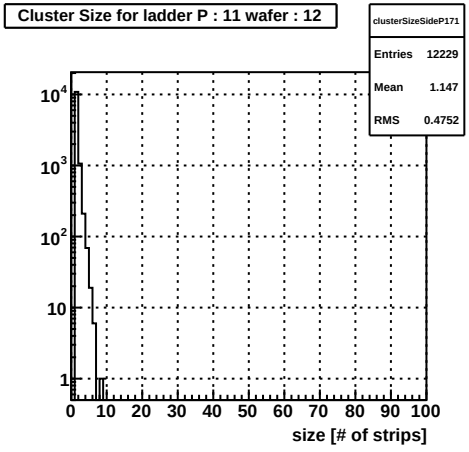

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1308
Mean 1.233
RMS 0.5981
size [# of strips]

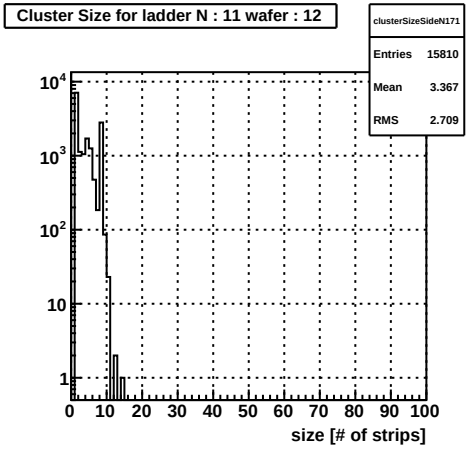

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4508
Mean 1.293
RMS 0.6429
size [# of strips]

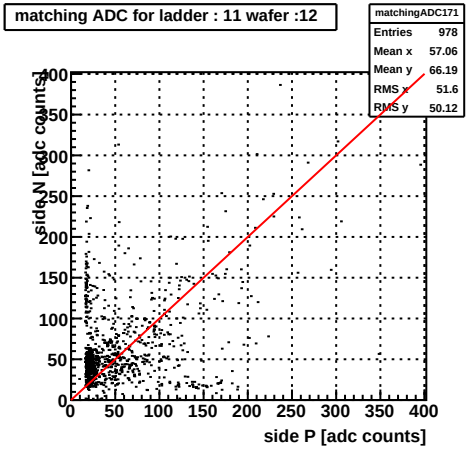

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1002
Mean x 78.14
Mean y 82.19
RMS x 55.55
RMS y 55.09
side N [adc counts]
side P [adc counts]

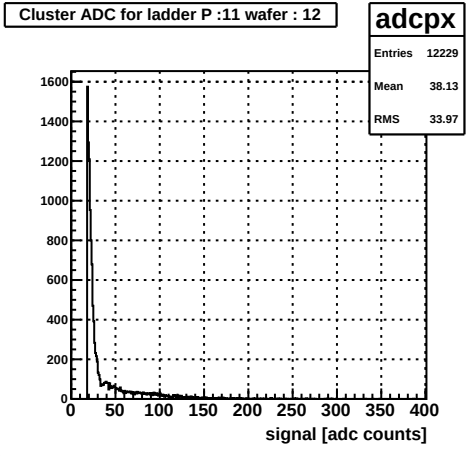

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1308
Mean 80.23
RMS 60.78
signal [adc counts]

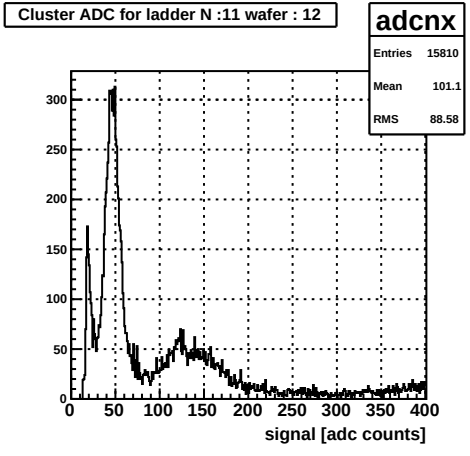

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4508
Mean 45.48
RMS 46.81
signal [adc counts]

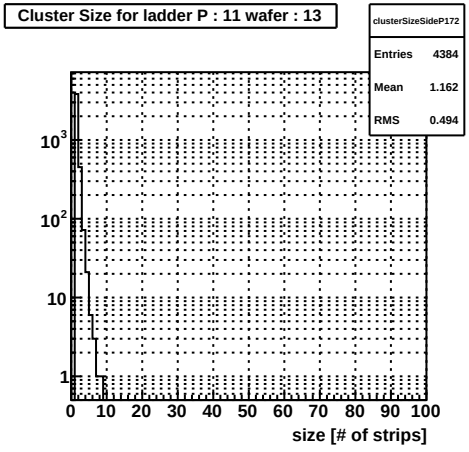

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12229
Mean 1.147
RMS 0.4752
size [# of strips]

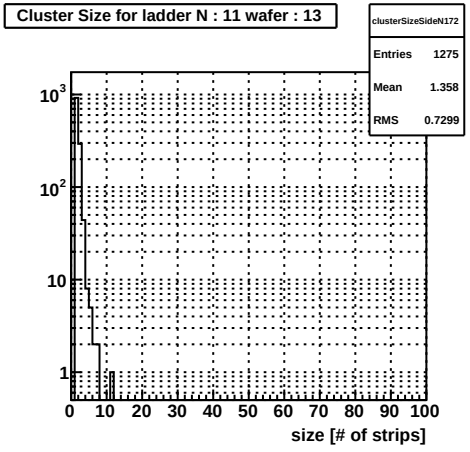

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15810
Mean 3.367
RMS 2.709
size [# of strips]

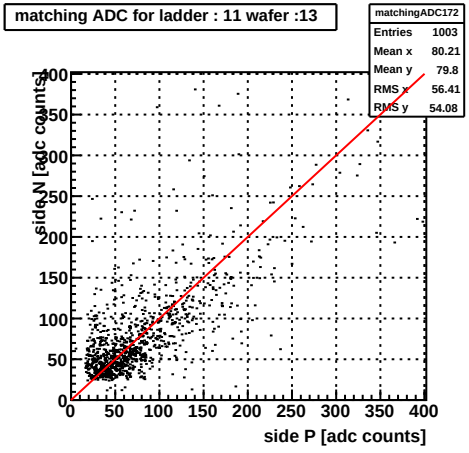

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 978
Mean x 57.06
Mean y 66.19
RMS x 51.6
RMS y 50.12
side N [adc counts]
side P [adc counts]

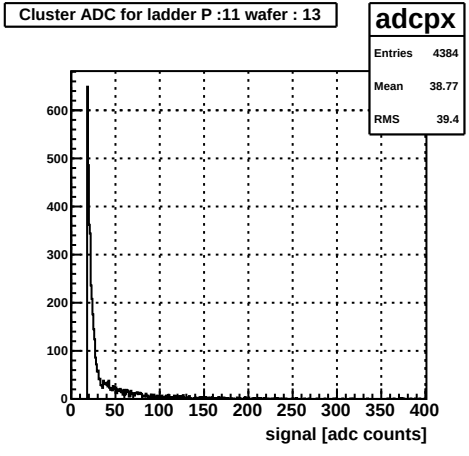

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12229
Mean 38.13
RMS 33.97
signal [adc counts]

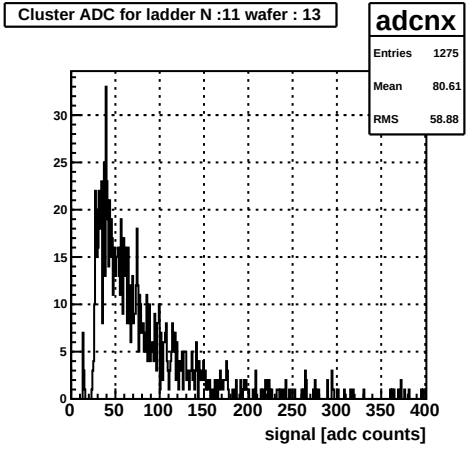

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15810
Mean 101.1
RMS 88.58
signal [adc counts]

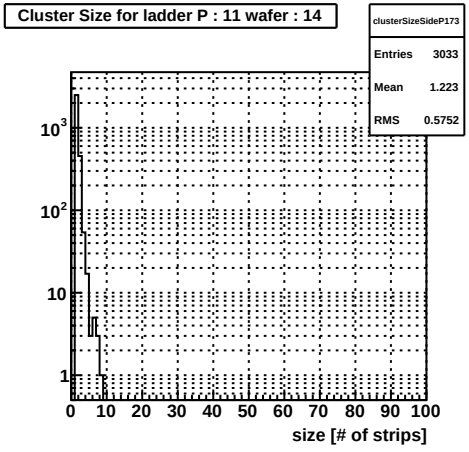

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4384
Mean 1.162
RMS 0.494
size [# of strips]

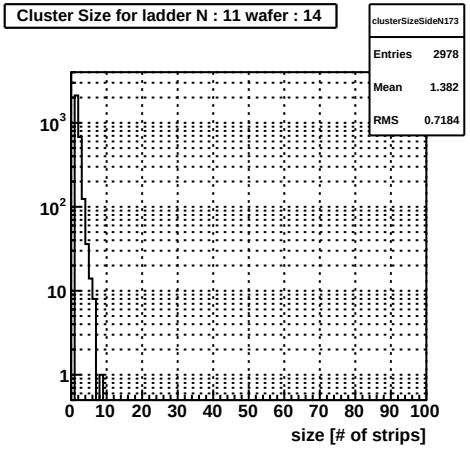

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1275
Mean 1.358
RMS 0.7299
size [# of strips]

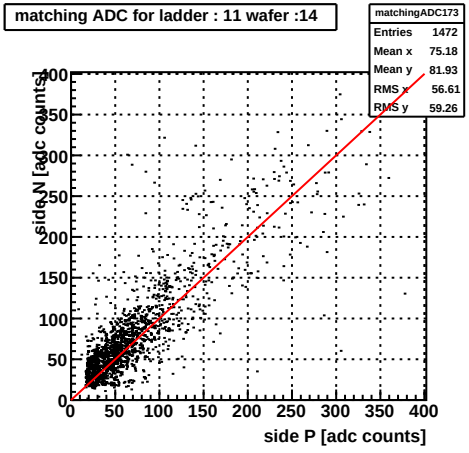

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1003
Mean x 80.21
Mean y 79.8
RMS x 56.41
RMS y 54.08
side N [adc counts]
side P [adc counts]

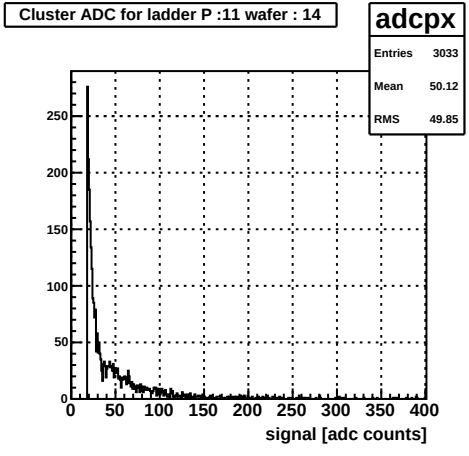

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4384
Mean 38.77
RMS 39.4
signal [adc counts]

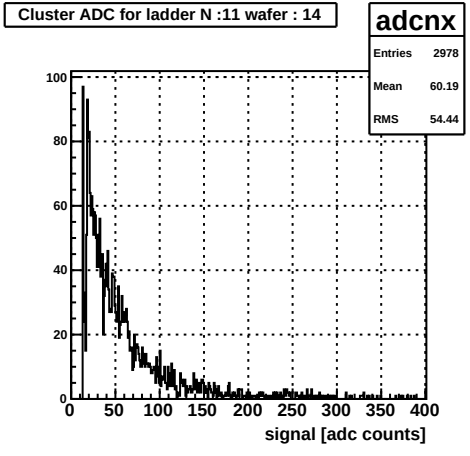

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1275
Mean 80.61
RMS 58.88
signal [adc counts]

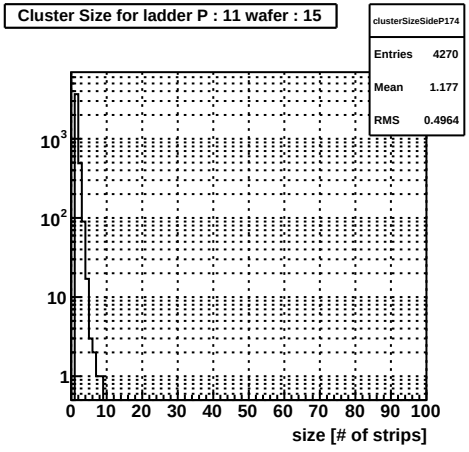

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3033
Mean 1.223
RMS 0.5752
size [# of strips]

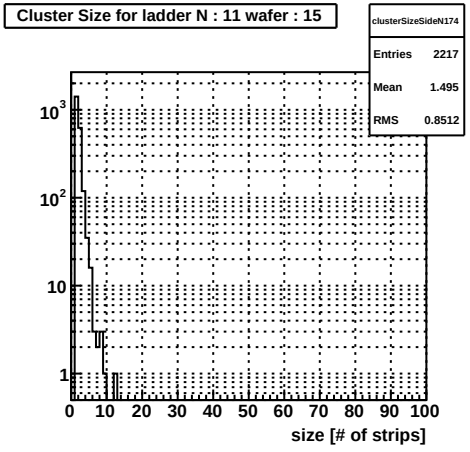

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2978
Mean 1.382
RMS 0.7184
size [# of strips]

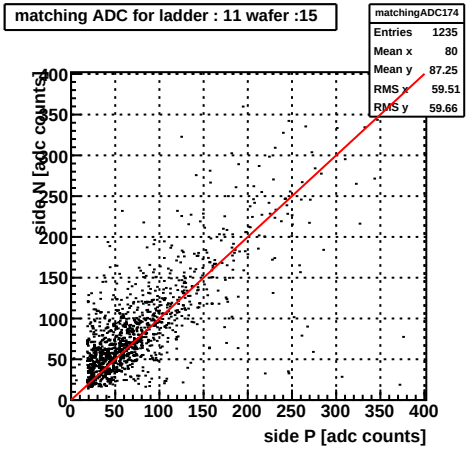

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1472
Mean x 75.18
Mean y 81.93
RMS x 56.61
RMS y 59.26
side N [adc counts]
side P [adc counts]

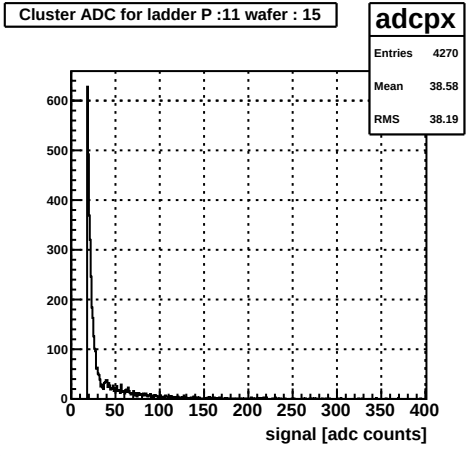

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3033
Mean 50.12
RMS 49.85
signal [adc counts]

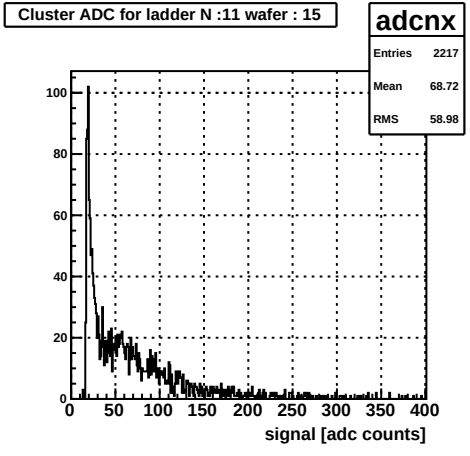

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2978
Mean 60.19
RMS 54.44
signal [adc counts]

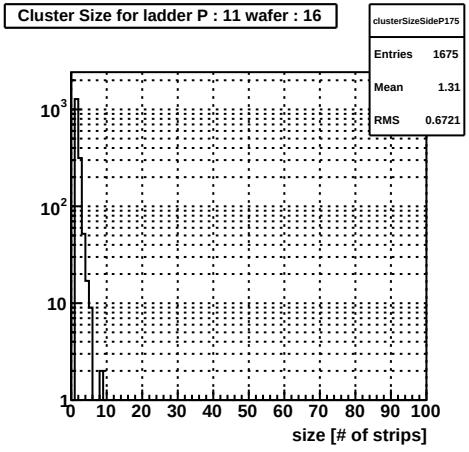

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4270
Mean 1.177
RMS 0.4964
size [# of strips]

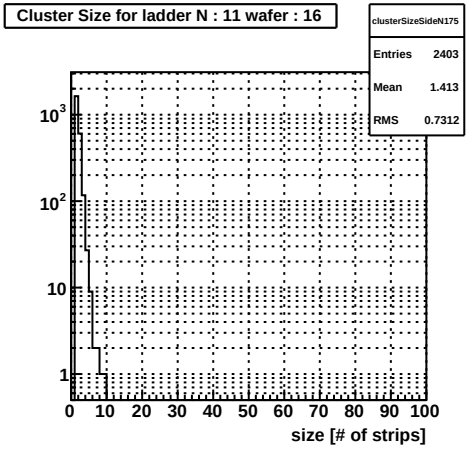

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2217
Mean 1.495
RMS 0.8512
size [# of strips]

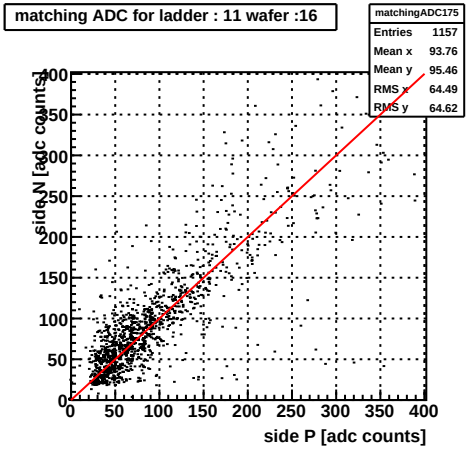

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1235
Mean x 80
Mean y 87.25
RMS x 59.51
RMS y 59.66
side N [adc counts]
side P [adc counts]

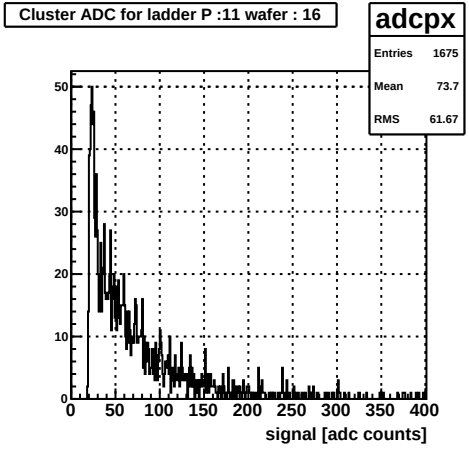

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4270
Mean 38.58
RMS 38.19
signal [adc counts]

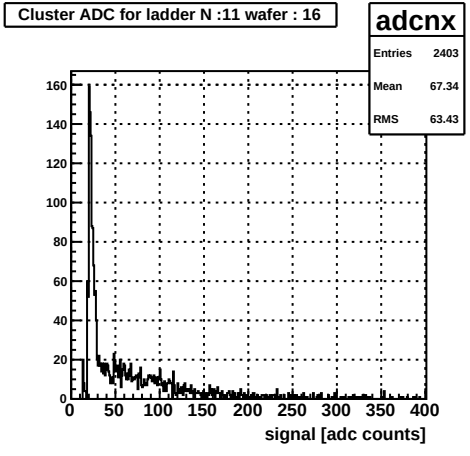

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2217
Mean 68.72
RMS 58.98
signal [adc counts]

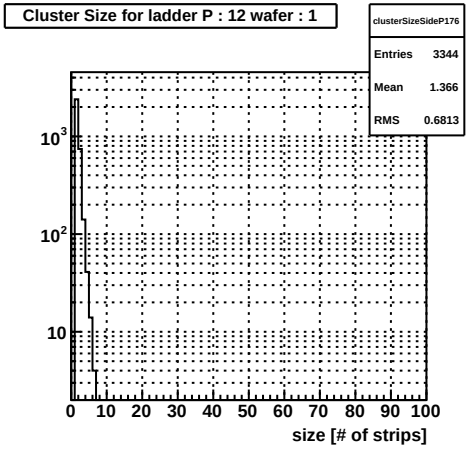

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1675
Mean 1.31
RMS 0.6721
size [# of strips]

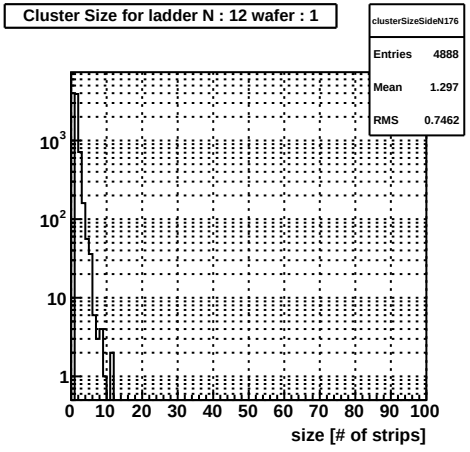

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2403
Mean 1.413
RMS 0.7312
size [# of strips]

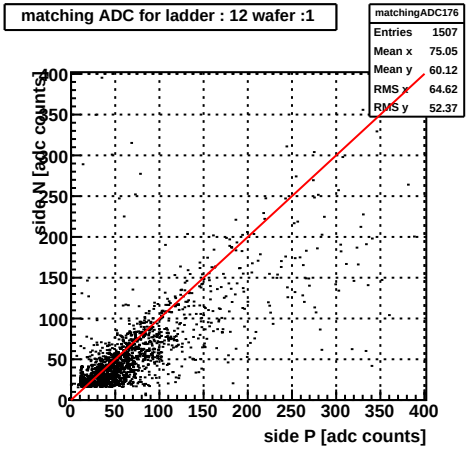

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1157
Mean x 93.76
Mean y 95.46
RMS x 64.49
RMS y 64.62
side N [adc counts]
side P [adc counts]

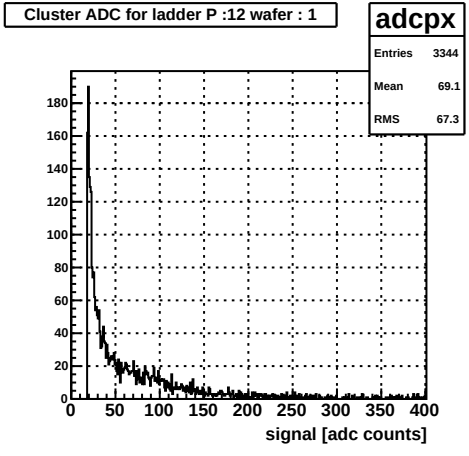

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1675
Mean 73.7
RMS 61.67
signal [adc counts]

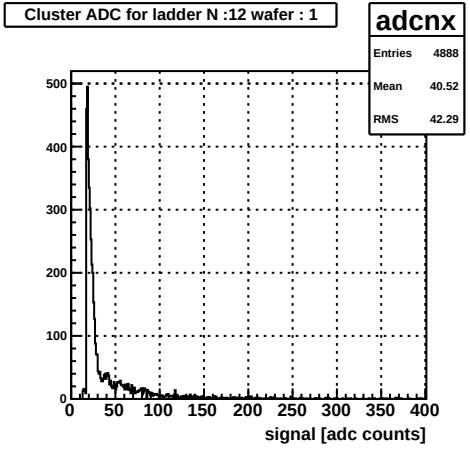

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2403
Mean 67.34
RMS 63.43
signal [adc counts]

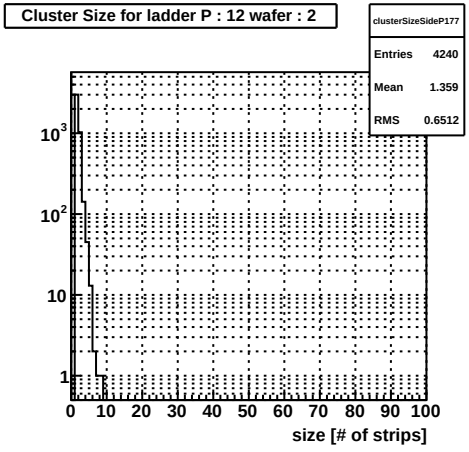

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3344
Mean 1.366
RMS 0.6813
size [# of strips]

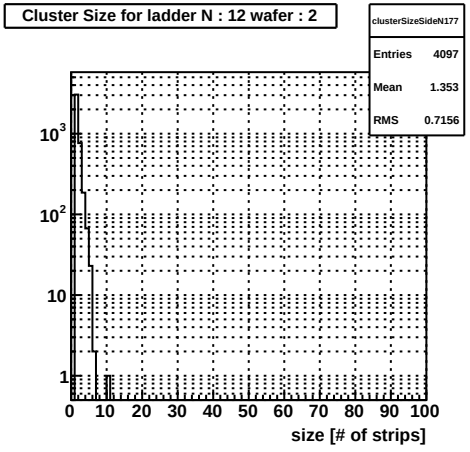

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4888
Mean 1.297
RMS 0.7462
size [# of strips]

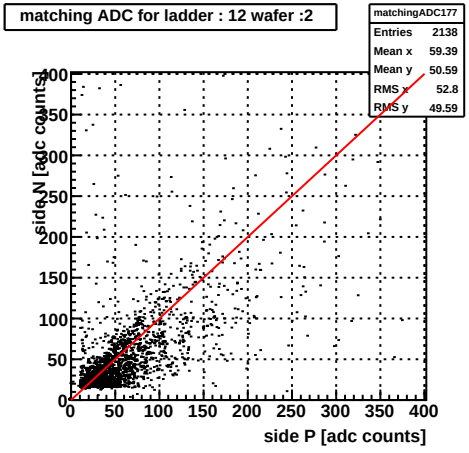

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1507
Mean x 75.05
Mean y 60.12
RMS x 64.62
RMS y 52.37
side N [adc counts]
side P [adc counts]

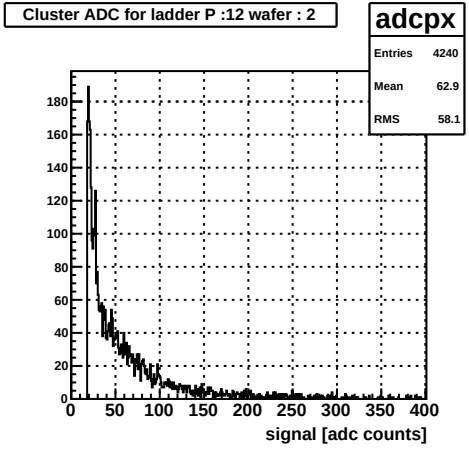

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3344
Mean 69.1
RMS 67.3
signal [adc counts]

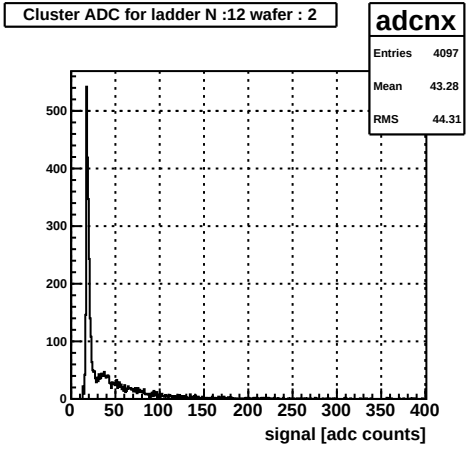

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4888
Mean 40.52
RMS 42.29
signal [adc counts]

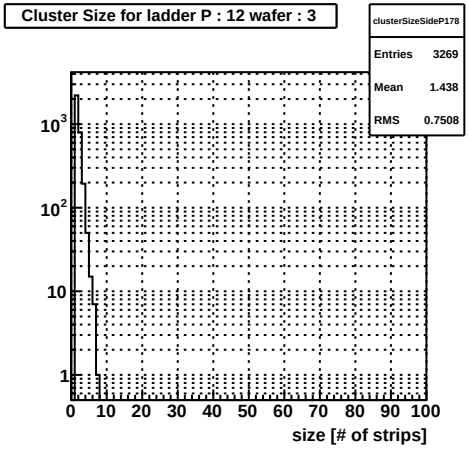

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4240
Mean 1.359
RMS 0.6512
size [# of strips]

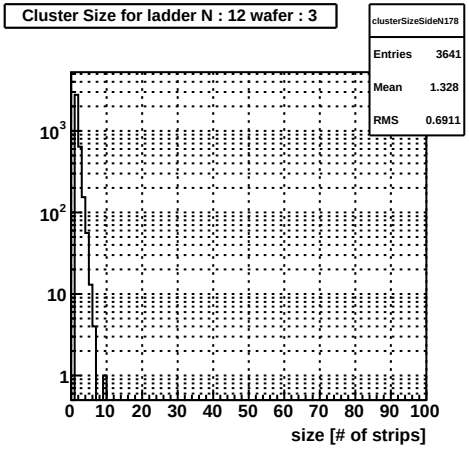

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4097
Mean 1.353
RMS 0.7156
size [# of strips]

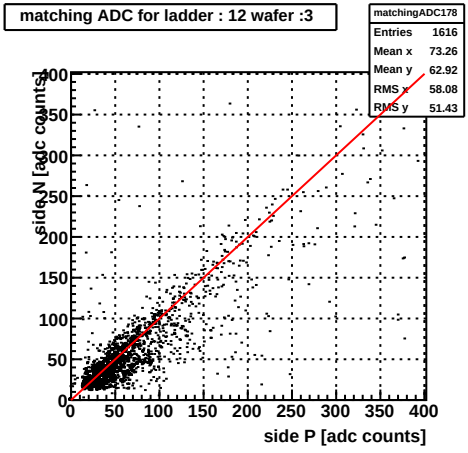

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2138
Mean x 59.39
Mean y 50.59
RMS x 52.8
RMS y 49.59
side N [adc counts]
side P [adc counts]

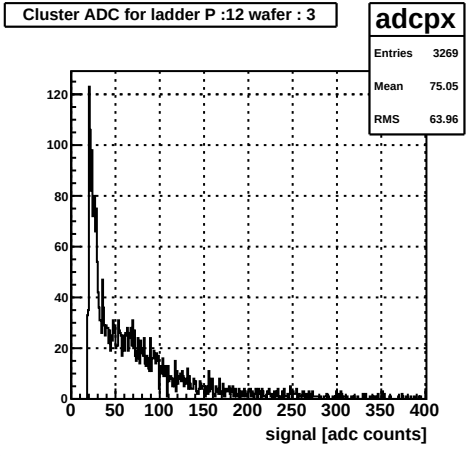

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4240
Mean 62.9
RMS 58.1
signal [adc counts]

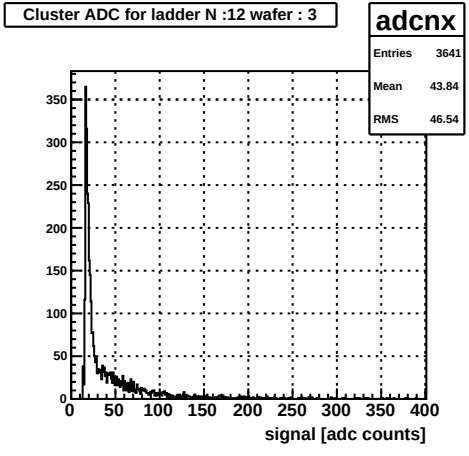

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4097
Mean 43.28
RMS 44.31
signal [adc counts]

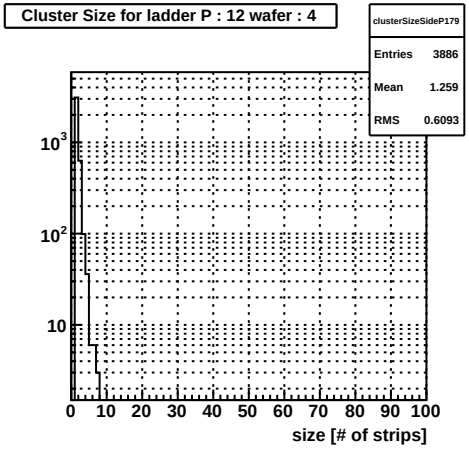

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3269
Mean 1.438
RMS 0.7508
size [# of strips]

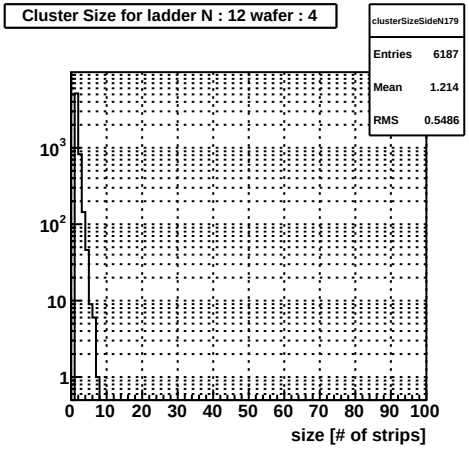

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3641
Mean 1.328
RMS 0.6911
size [# of strips]

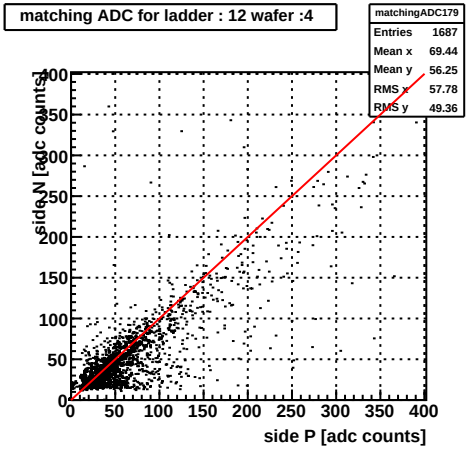

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1616
Mean x 73.26
Mean y 62.92
RMS x 58.08
RMS y 51.43
side N [adc counts]
side P [adc counts]

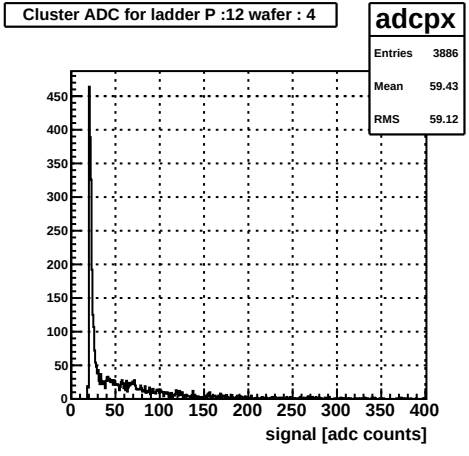

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3269
Mean 75.05
RMS 63.96
signal [adc counts]

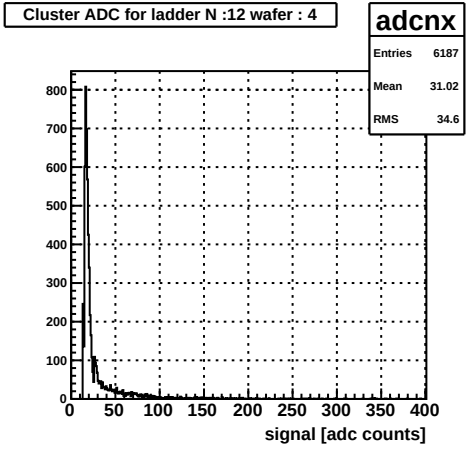

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3641
Mean 43.84
RMS 46.54
signal [adc counts]

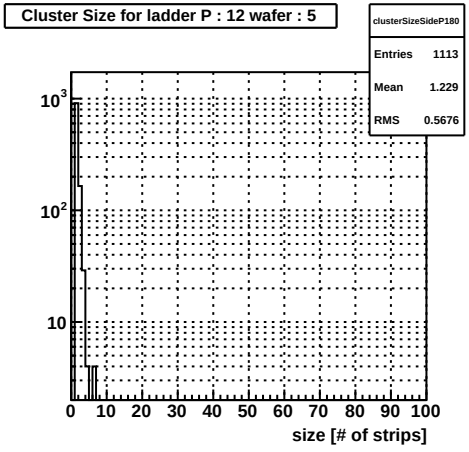

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3886
Mean 1.259
RMS 0.6093
size [# of strips]

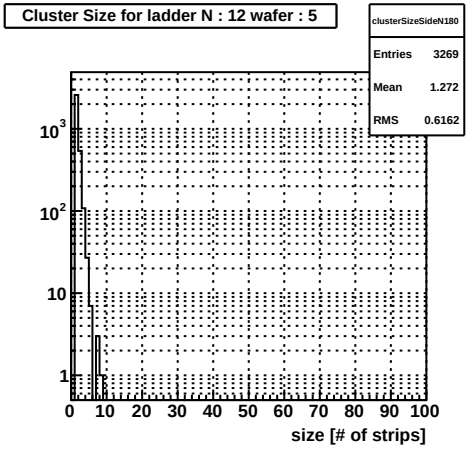

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6187
Mean 1.214
RMS 0.5486
size [# of strips]

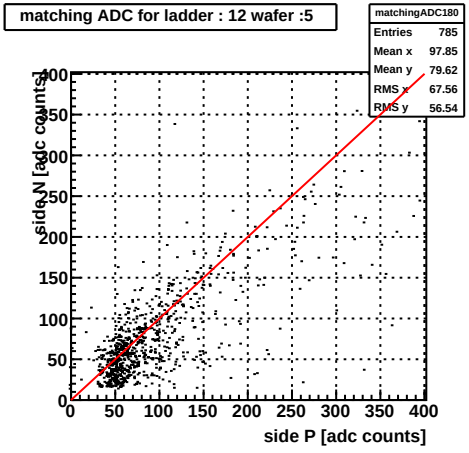

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1687
Mean x 69.44
Mean y 56.25
RMS x 57.78
RMS y 49.36
side N [adc counts]
side P [adc counts]

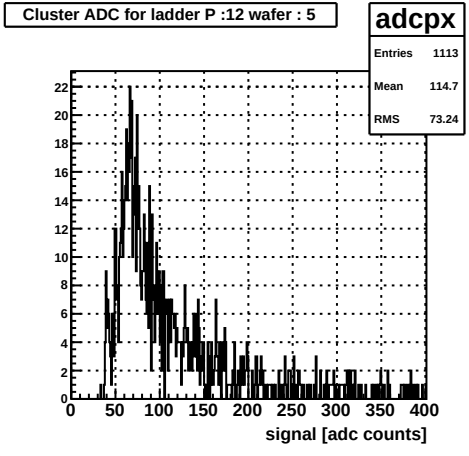

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3886
Mean 59.43
RMS 59.12
signal [adc counts]

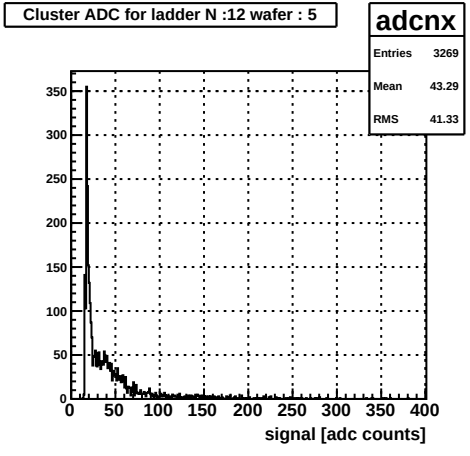

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6187
Mean 31.02
RMS 34.6
signal [adc counts]

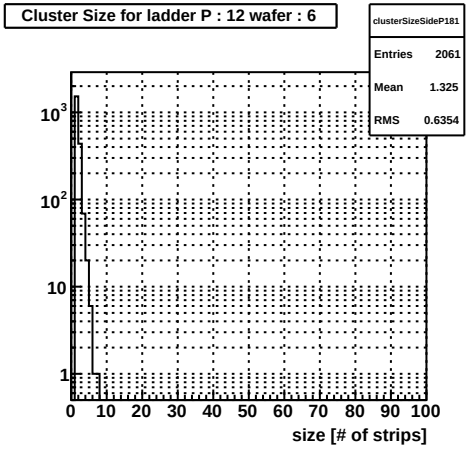

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 1113
Mean 1.229
RMS 0.5676
size [# of strips]

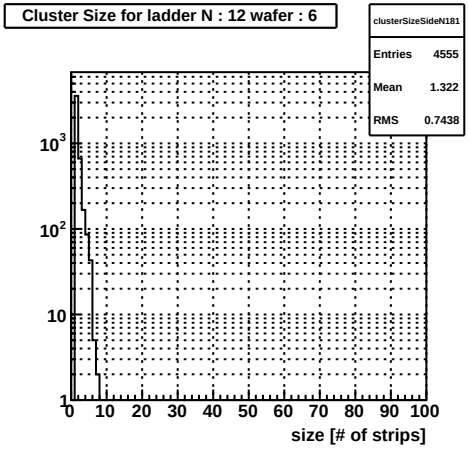

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3269
Mean 1.272
RMS 0.6162
size [# of strips]

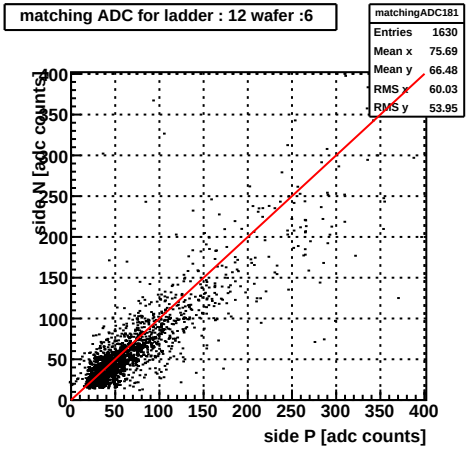

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 785
Mean x 97.85
Mean y 79.62
RMS x 67.56
RMS y 56.54
side N [adc counts]
side P [adc counts]

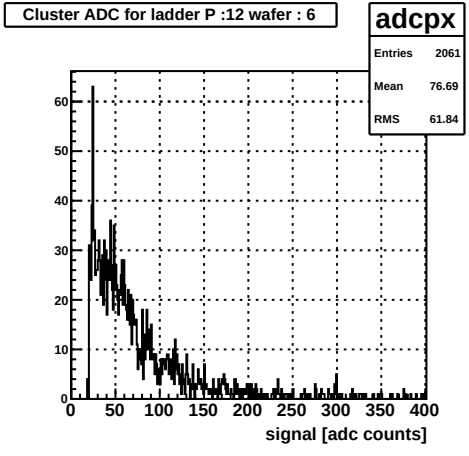

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 1113
Mean 114.7
RMS 73.24
signal [adc counts]

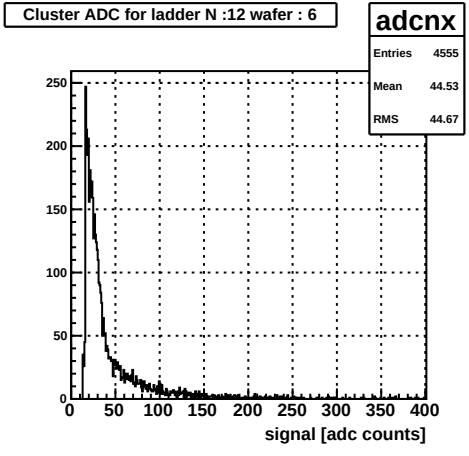

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3269
Mean 43.29
RMS 41.33
signal [adc counts]

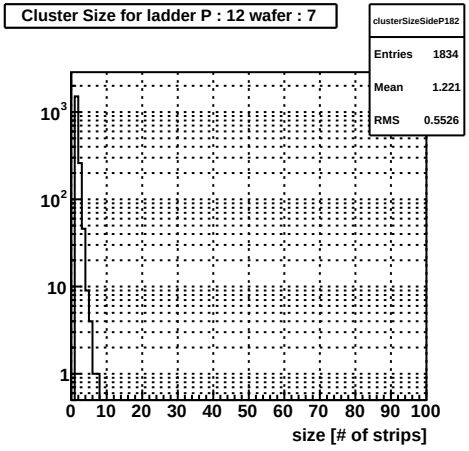

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2061
Mean 1.325
RMS 0.6354
size [# of strips]

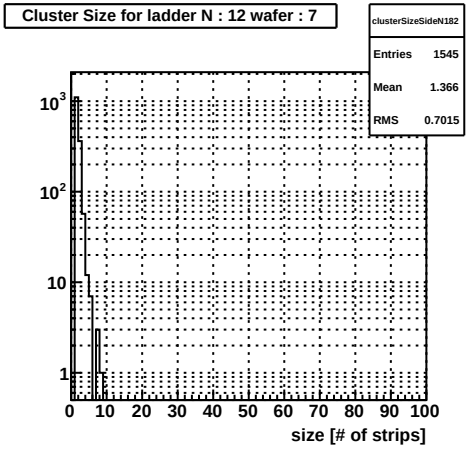

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4555
Mean 1.322
RMS 0.7438
size [# of strips]

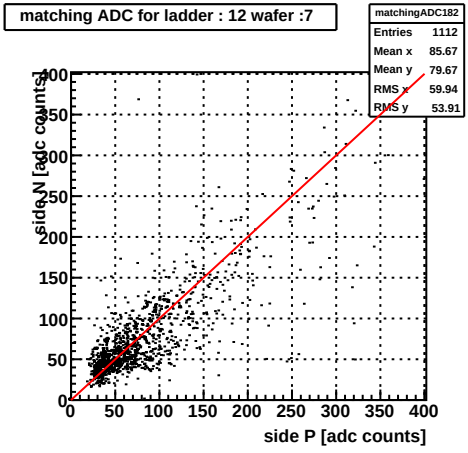

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1630
Mean x 75.69
Mean y 66.48
RMS x 60.03
RMS y 53.95
side N [adc counts]
side P [adc counts]

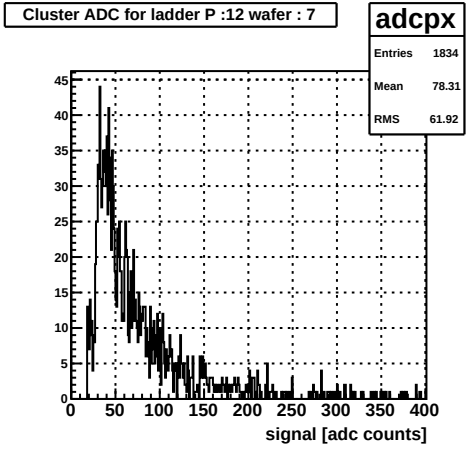

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2061
Mean 76.69
RMS 61.84
signal [adc counts]

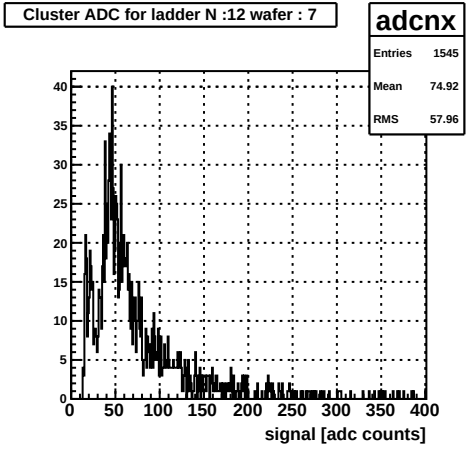

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4555
Mean 44.53
RMS 44.67
signal [adc counts]

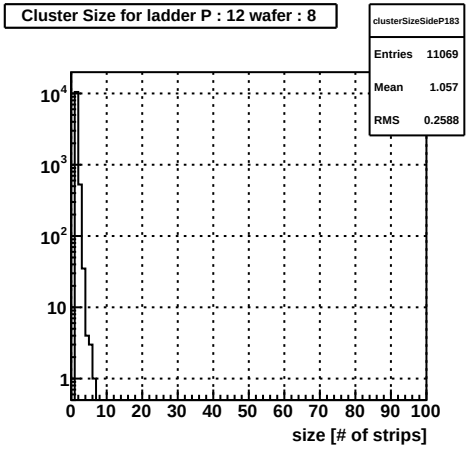

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1834
Mean 1.221
RMS 0.5526
size [# of strips]

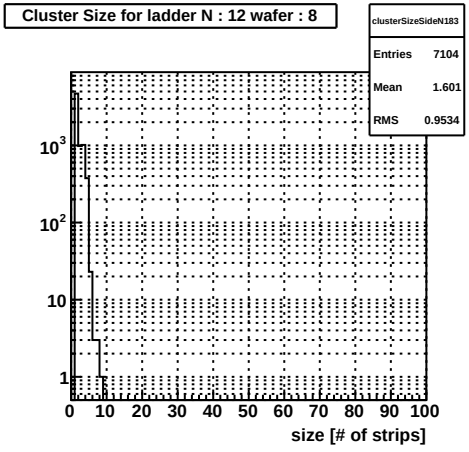

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1545
Mean 1.366
RMS 0.7015
size [# of strips]

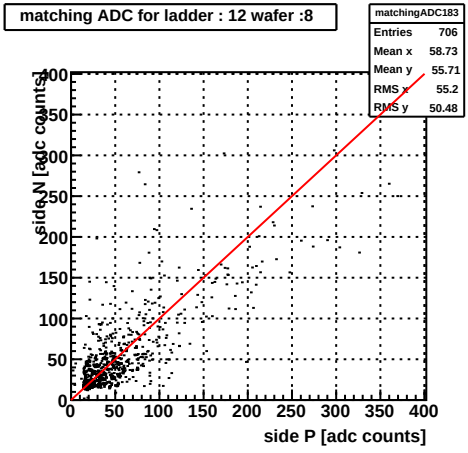

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1112
Mean x 85.67
Mean y 79.67
RMS x 59.94
RMS y 53.91
side N [adc counts]
side P [adc counts]

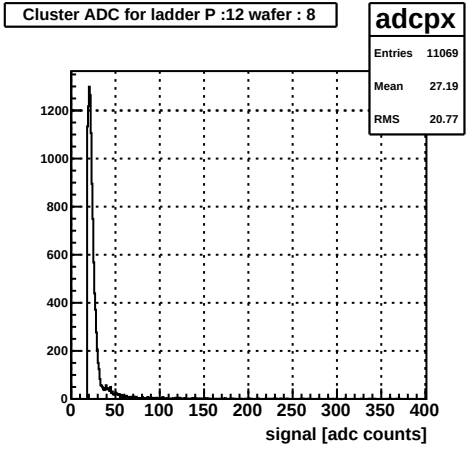

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1834
Mean 78.31
RMS 61.92
signal [adc counts]

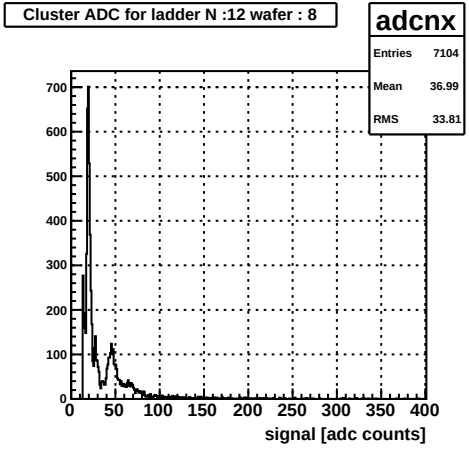

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1545
Mean 74.92
RMS 57.96
signal [adc counts]

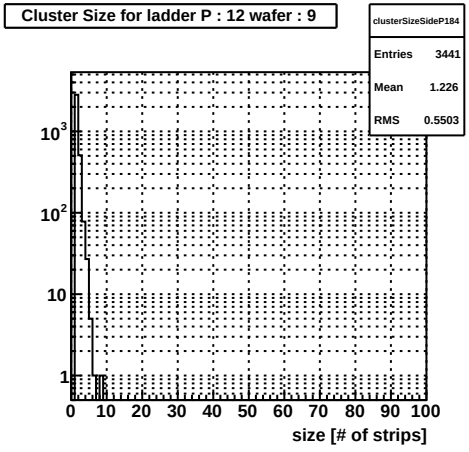

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 11069
Mean 1.057
RMS 0.2588
size [# of strips]

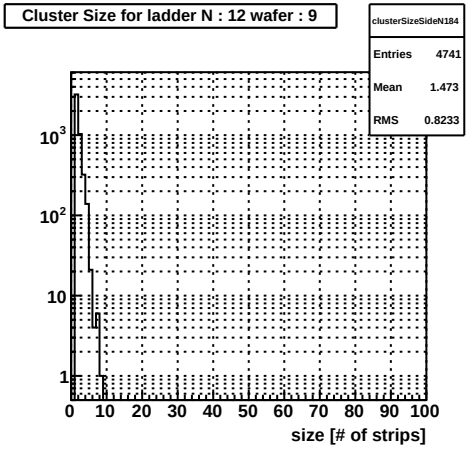

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7104
Mean 1.601
RMS 0.9534
size [# of strips]

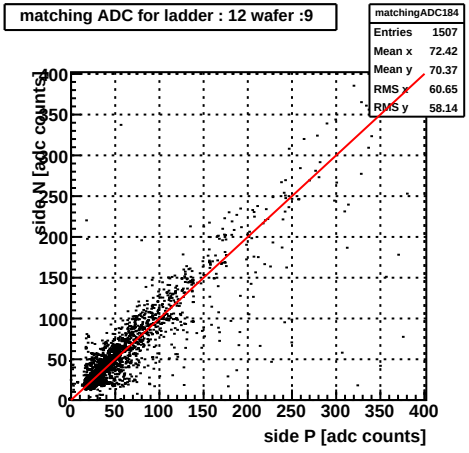

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 706
Mean x 58.73
Mean y 55.71
RMS x 55.2
RMS y 50.48
side N [adc counts]
side P [adc counts]

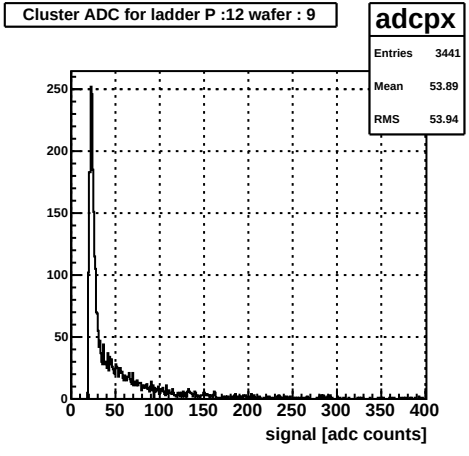

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 11069
Mean 27.19
RMS 20.77
signal [adc counts]

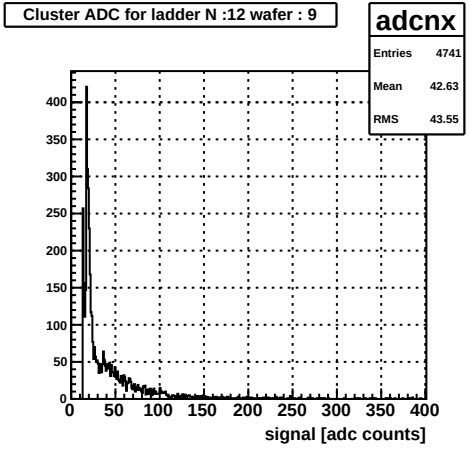

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7104
Mean 36.99
RMS 33.81
signal [adc counts]

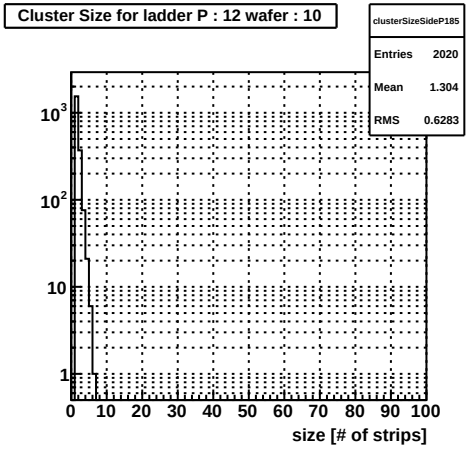

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3441
Mean 1.226
RMS 0.5503
size [# of strips]

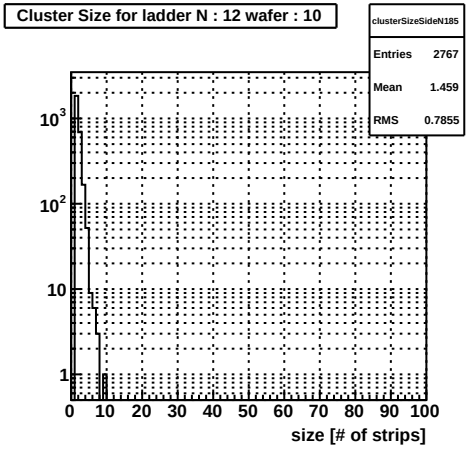

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4741
Mean 1.473
RMS 0.8233
size [# of strips]

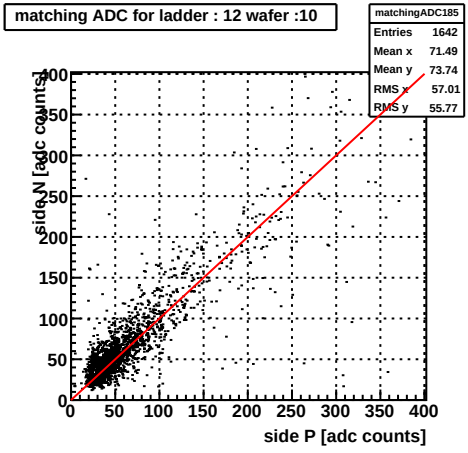

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1507
Mean x 72.42
Mean y 70.37
RMS x 60.65
RMS y 58.14
side N [adc counts]
side P [adc counts]

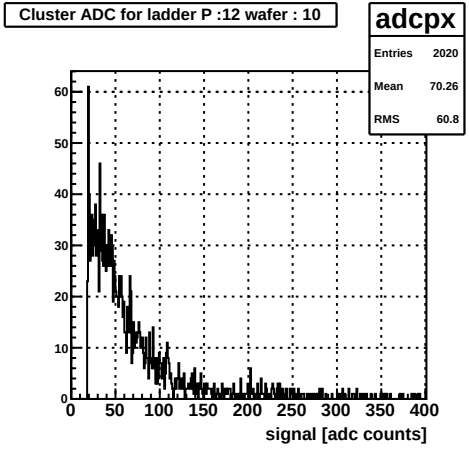

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3441
Mean 53.89
RMS 53.94
signal [adc counts]

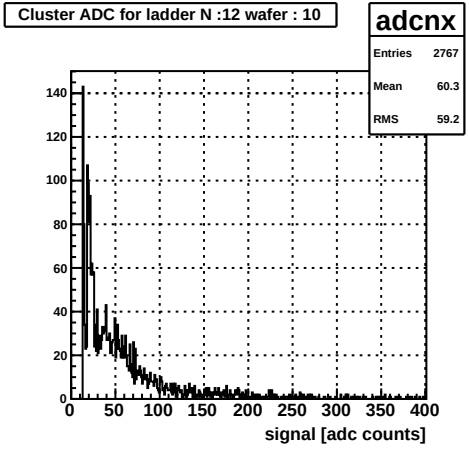

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4741
Mean 42.63
RMS 43.55
signal [adc counts]

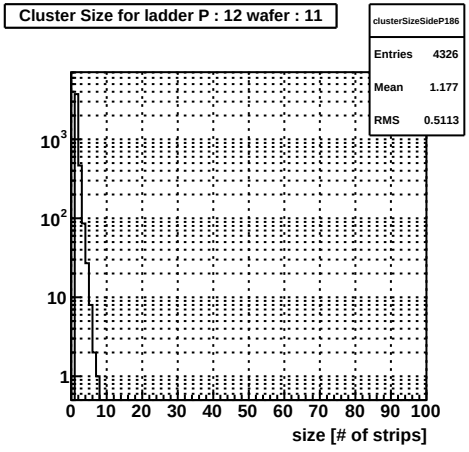

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2020
Mean 1.304
RMS 0.6283
size [# of strips]

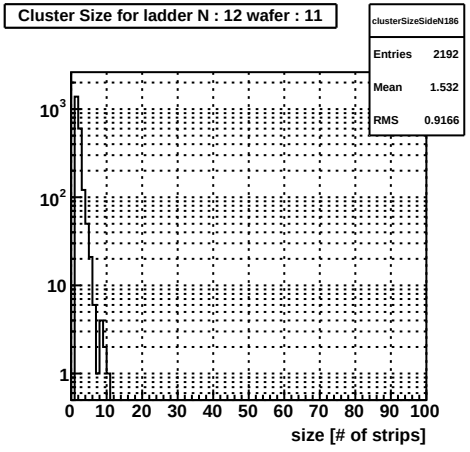

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2767
Mean 1.459
RMS 0.7855
size [# of strips]

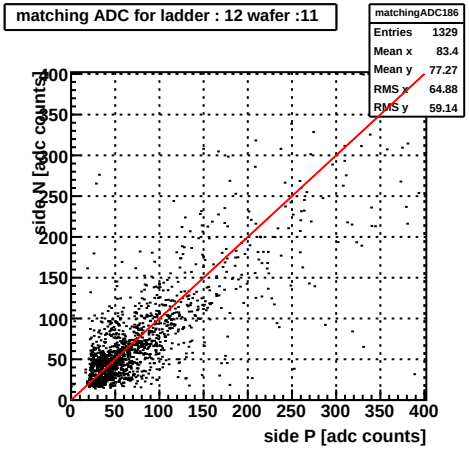

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1642
Mean x 71.49
Mean y 73.74
RMS x 57.01
RMS y 55.77
side N [adc counts]
side P [adc counts]

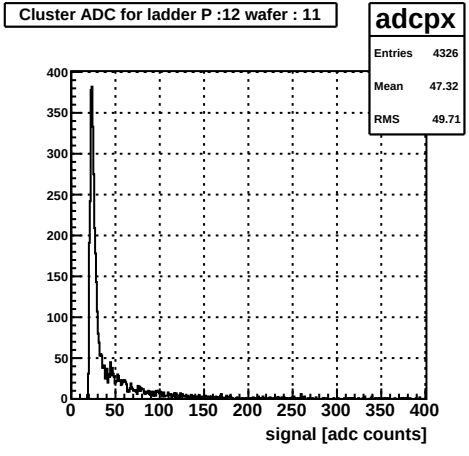

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2020
Mean 70.26
RMS 60.8
signal [adc counts]

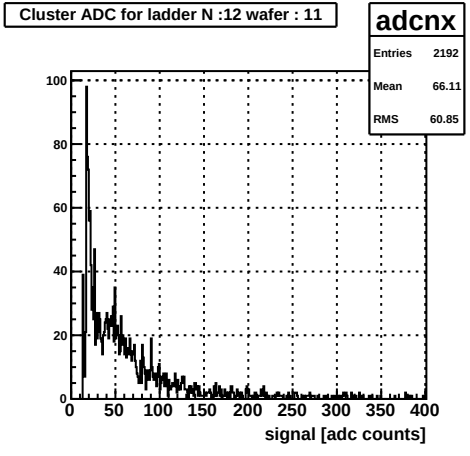

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2767
Mean 60.3
RMS 59.2
signal [adc counts]

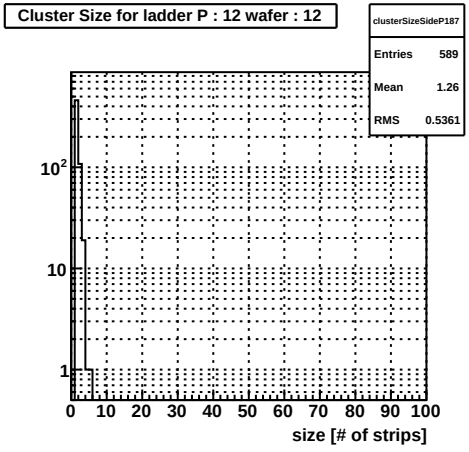

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4326
Mean 1.177
RMS 0.5113
size [# of strips]

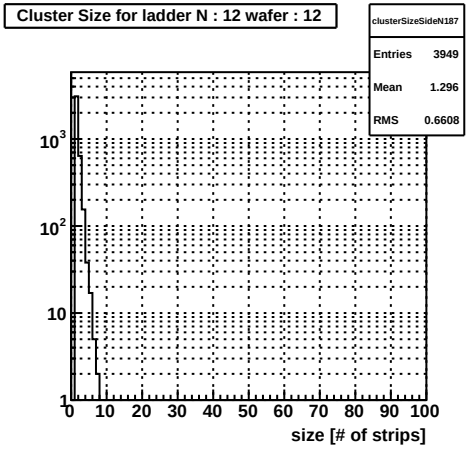

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2192
Mean 1.532
RMS 0.9166
size [# of strips]

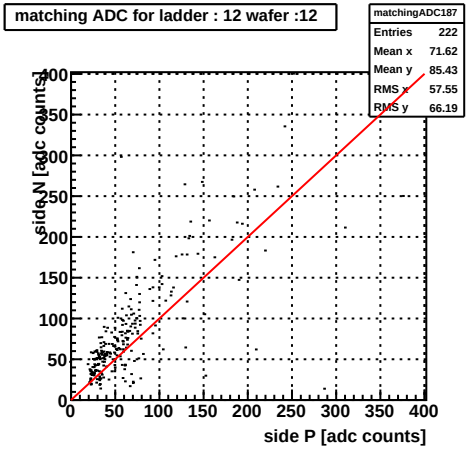

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1329
Mean x 83.4
Mean y 77.27
RMS x 64.88
RMS y 59.14
side N [adc counts]
side P [adc counts]

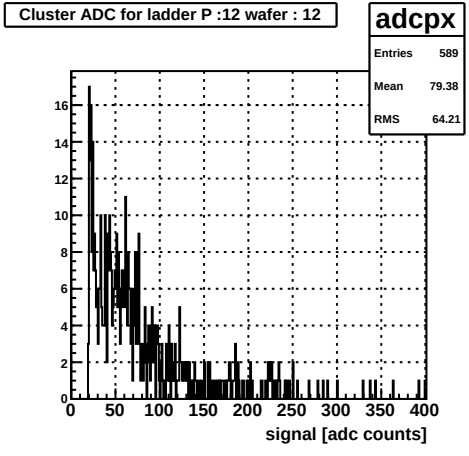

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4326
Mean 47.32
RMS 49.71
signal [adc counts]

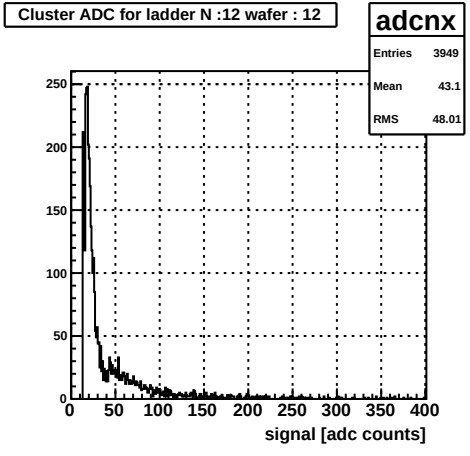

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2192
Mean 66.11
RMS 60.85
signal [adc counts]

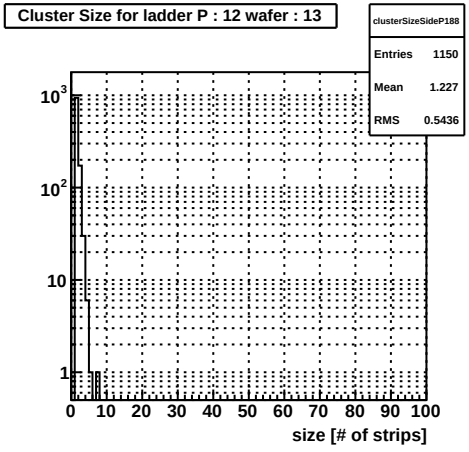

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 589
Mean 1.26
RMS 0.5361
size [# of strips]

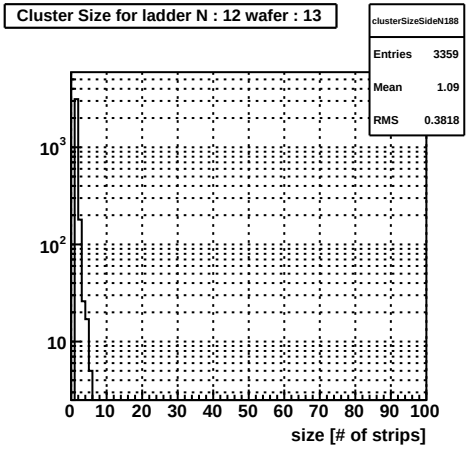

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3949
Mean 1.296
RMS 0.6608
size [# of strips]

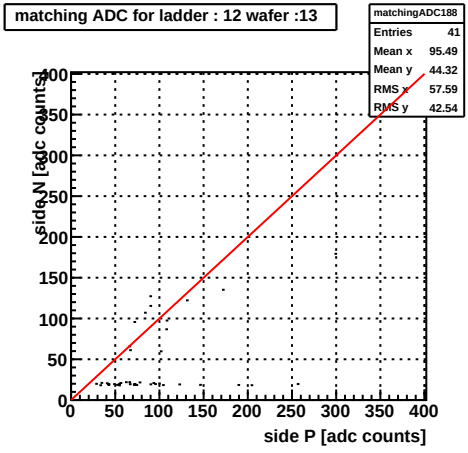

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 222
Mean x 71.62
Mean y 85.43
RMS x 57.55
RMS y 66.19
side N [adc counts]
side P [adc counts]

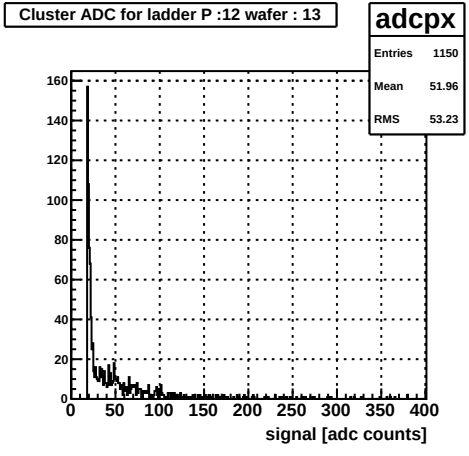

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 589
Mean 79.38
RMS 64.21
signal [adc counts]

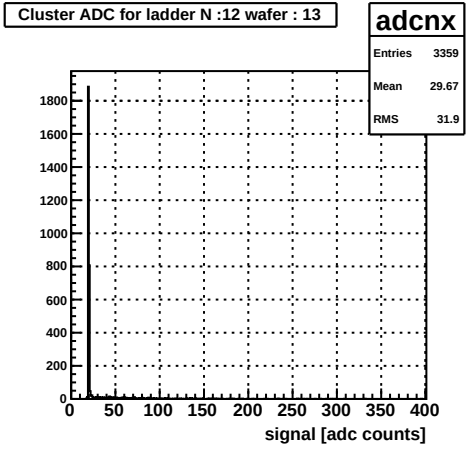

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3949
Mean 43.1
RMS 48.01
signal [adc counts]

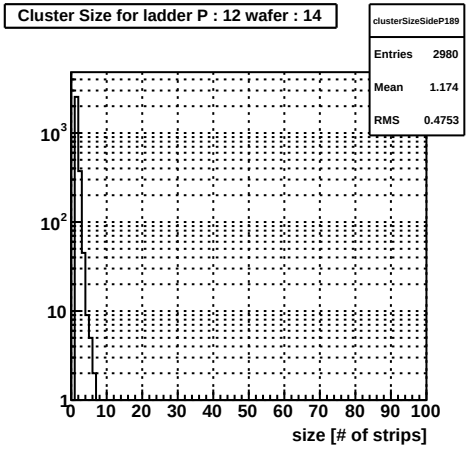

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 1150
Mean 1.227
RMS 0.5436
size [# of strips]

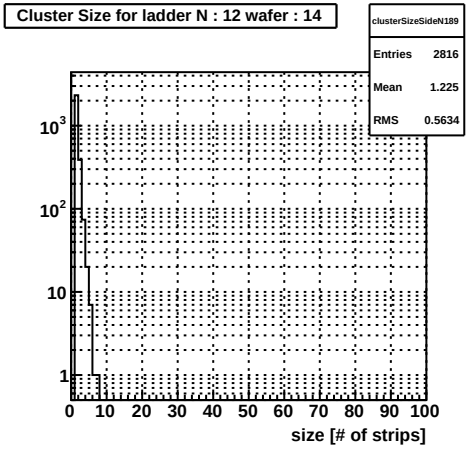

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3359
Mean 1.09
RMS 0.3818
size [# of strips]

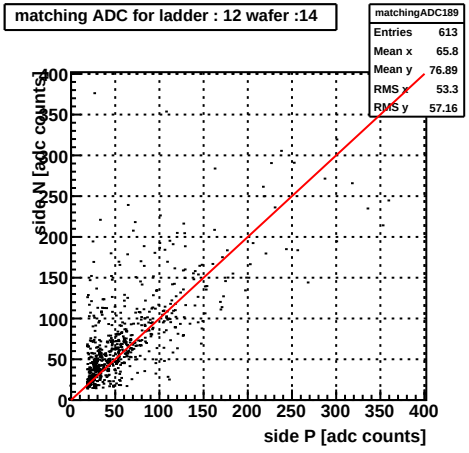

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 41
Mean x 95.49
Mean y 44.32
RMS x 57.59
RMS y 42.54
side N [adc counts]
side P [adc counts]

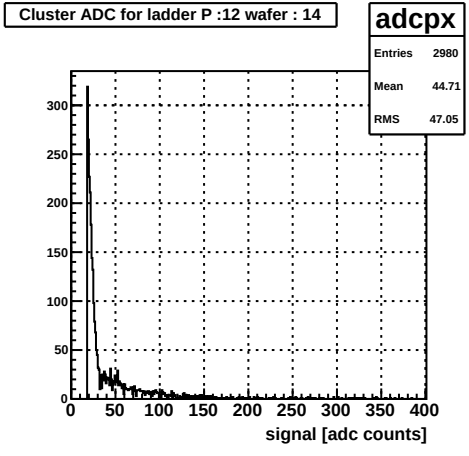

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 1150
Mean 51.96
RMS 53.23
signal [adc counts]

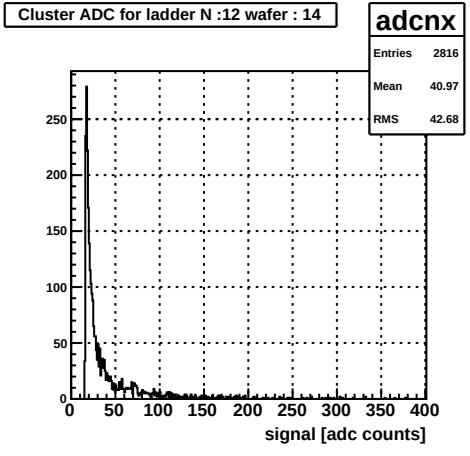

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3359
Mean 29.67
RMS 31.9
signal [adc counts]

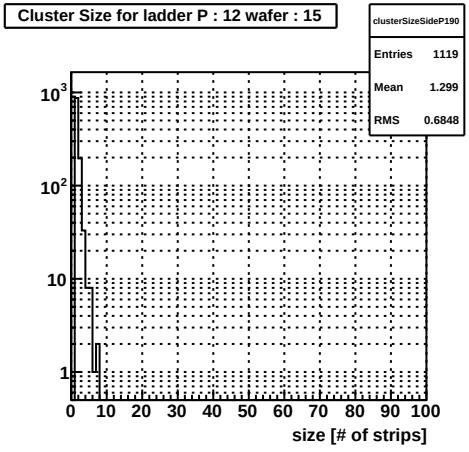

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2980
Mean 1.174
RMS 0.4753
size [# of strips]

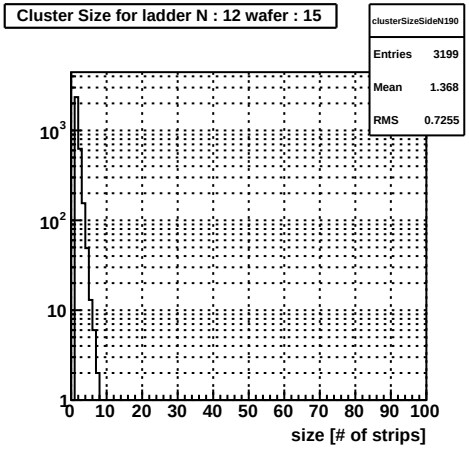

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2816
Mean 1.225
RMS 0.5634
size [# of strips]

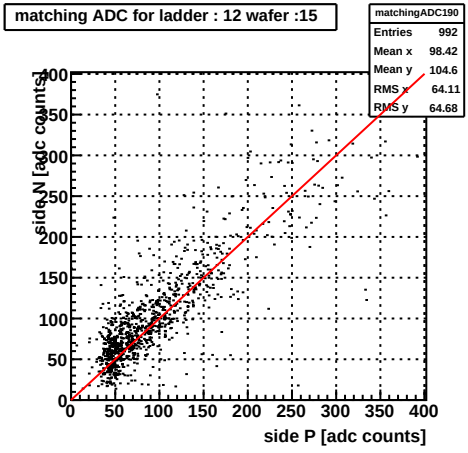

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 613
Mean x 65.8
Mean y 76.89
RMS x 53.3
RMS y 57.16
side N [adc counts]
side P [adc counts]

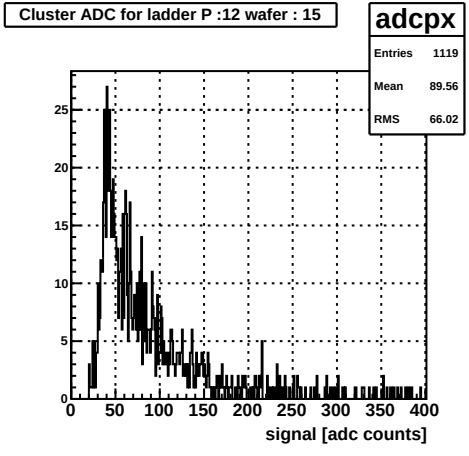

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2980
Mean 44.71
RMS 47.05
signal [adc counts]

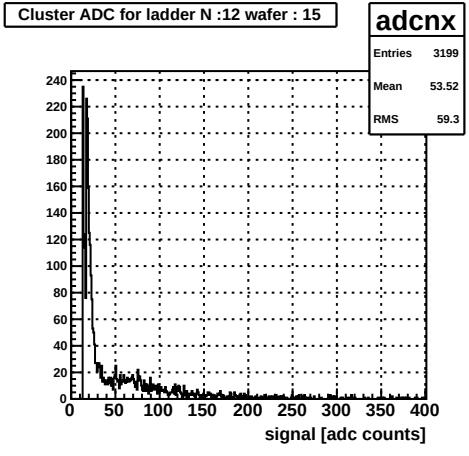

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2816
Mean 40.97
RMS 42.68
signal [adc counts]

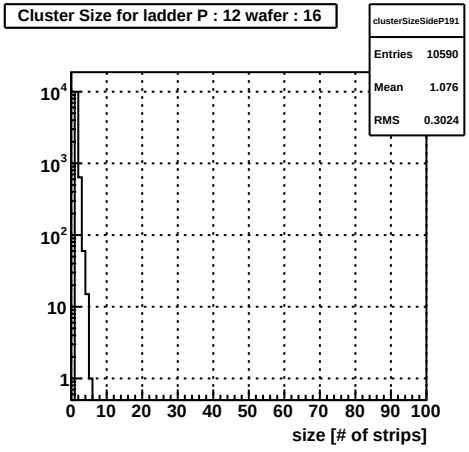

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1119
Mean 1.299
RMS 0.6848
size [# of strips]

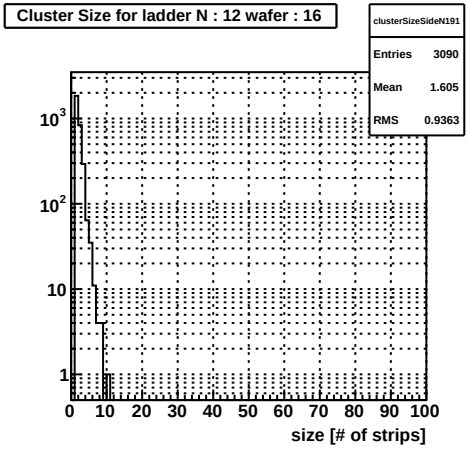

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3199
Mean 1.368
RMS 0.7255
size [# of strips]

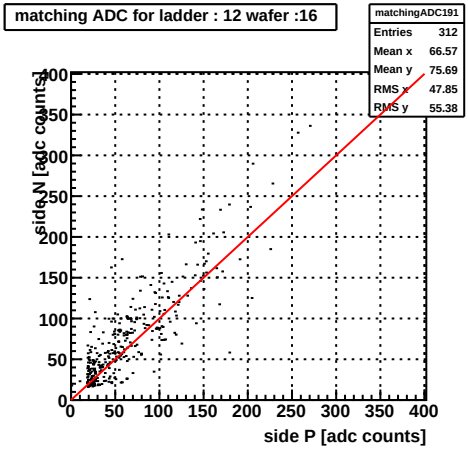

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 992
Mean x 98.42
Mean y 104.6
RMS x 64.11
RMS y 64.68
side N [adc counts]
side P [adc counts]

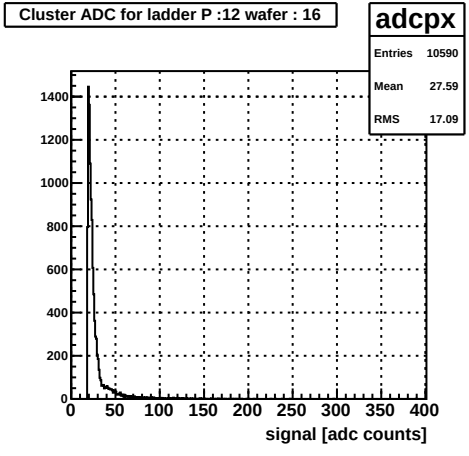

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1119
Mean 89.56
RMS 66.02
signal [adc counts]

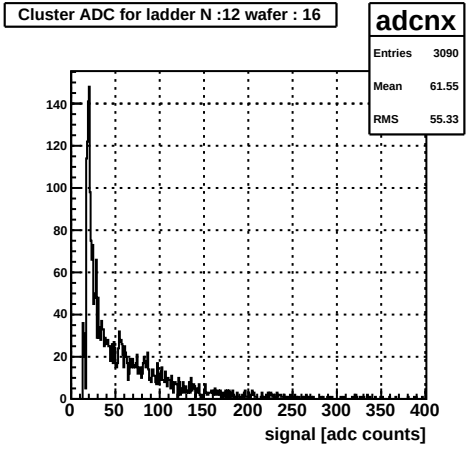

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3199
Mean 53.52
RMS 59.3
signal [adc counts]

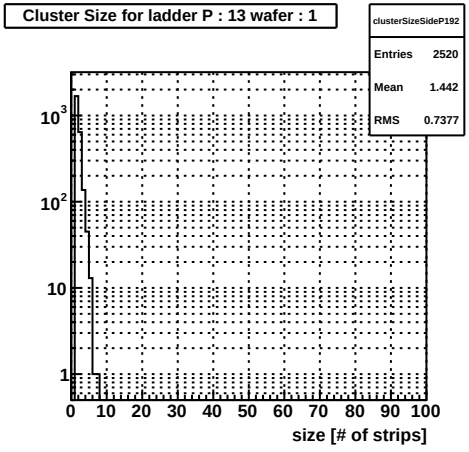

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10590
Mean 1.076
RMS 0.3024
size [# of strips]

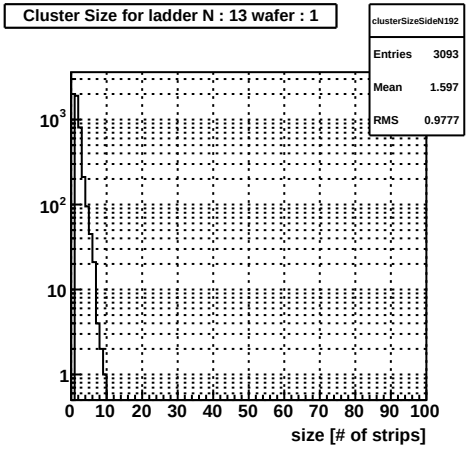

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3090
Mean 1.605
RMS 0.9363
size [# of strips]

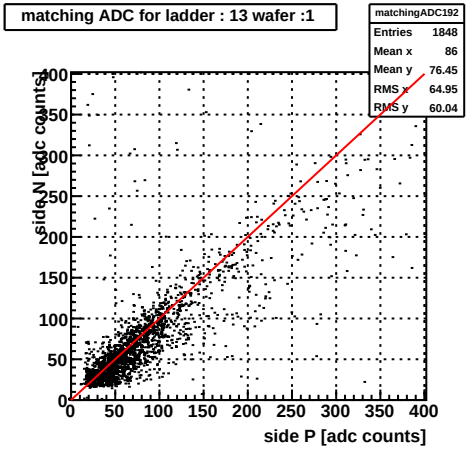

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 312
Mean x 66.57
Mean y 75.69
RMS x 47.85
RMS y 55.38
side N [adc counts]
side P [adc counts]

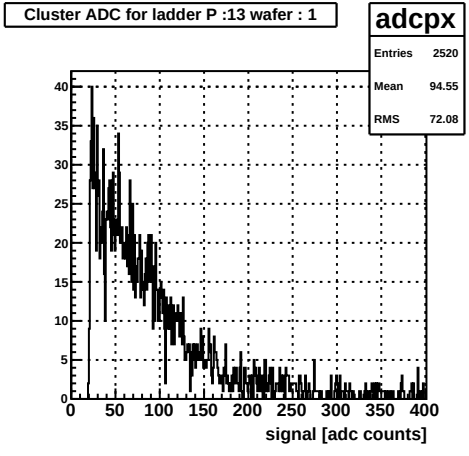

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10590
Mean 27.59
RMS 17.09
signal [adc counts]

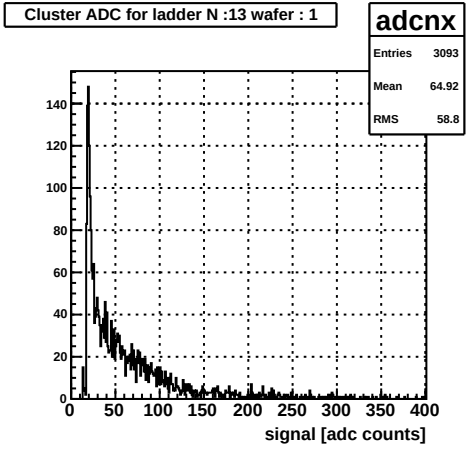

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3090
Mean 61.55
RMS 55.33
signal [adc counts]

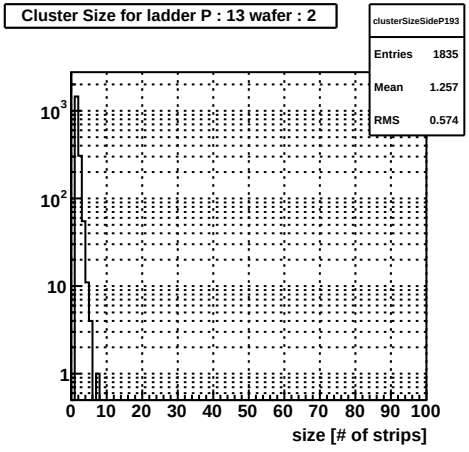

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2520
Mean 1.442
RMS 0.7377
size [# of strips]

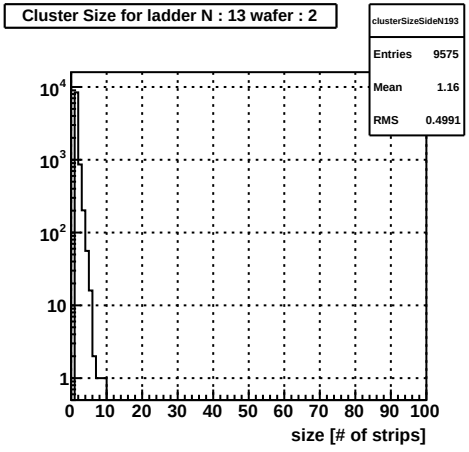

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3093
Mean 1.597
RMS 0.9777
size [# of strips]

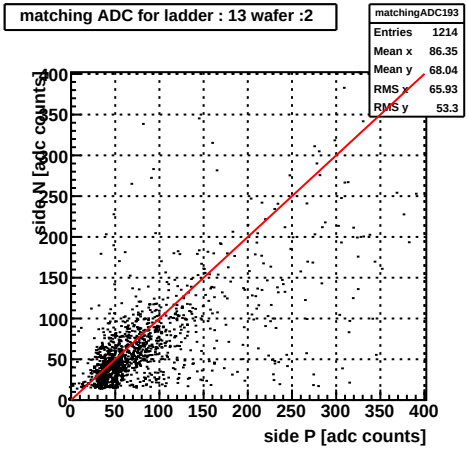

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1848
Mean x 86
Mean y 76.45
RMS x 64.95
RMS y 60.04
side N [adc counts]
side P [adc counts]

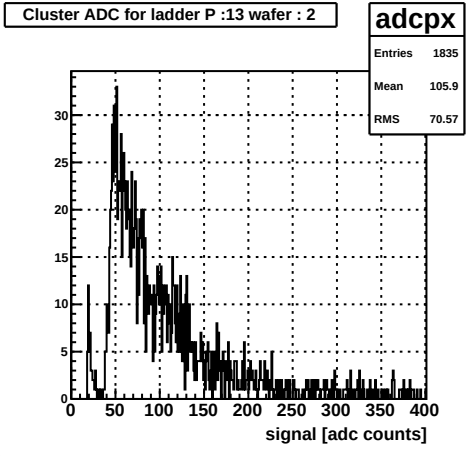

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2520
Mean 94.55
RMS 72.08
signal [adc counts]

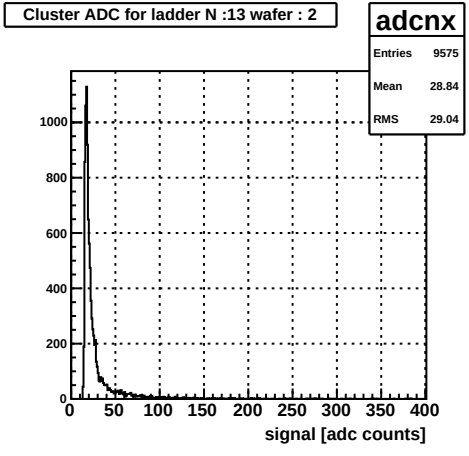

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3093
Mean 64.92
RMS 58.8
signal [adc counts]

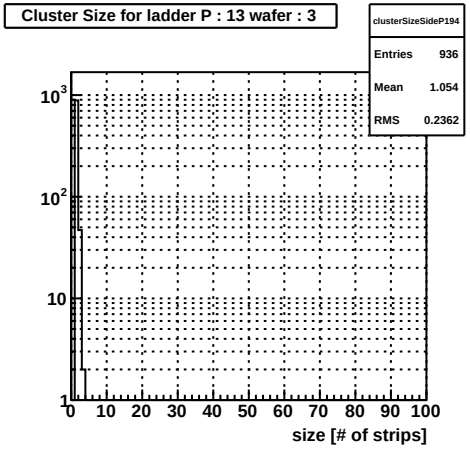

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1835
Mean 1.257
RMS 0.574
size [# of strips]

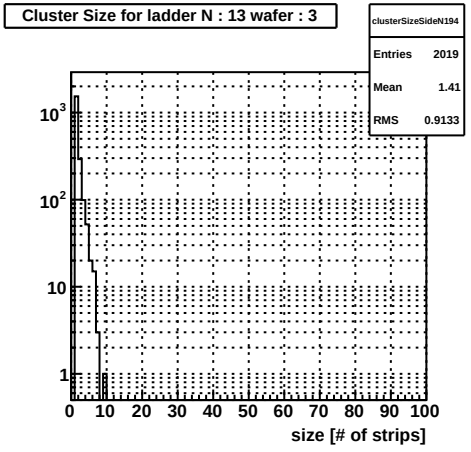

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9575
Mean 1.16
RMS 0.4991
size [# of strips]

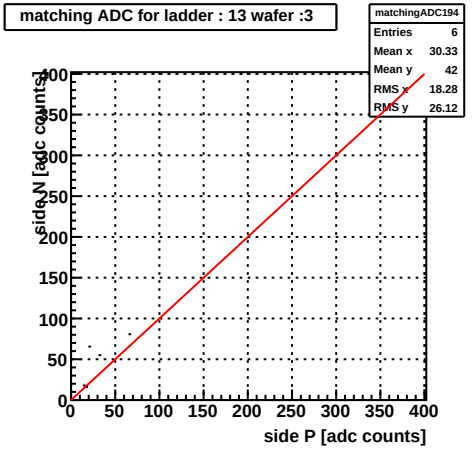

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1214
Mean x 86.35
Mean y 68.04
RMS x 65.93
RMS y 53.3
side N [adc counts]
side P [adc counts]

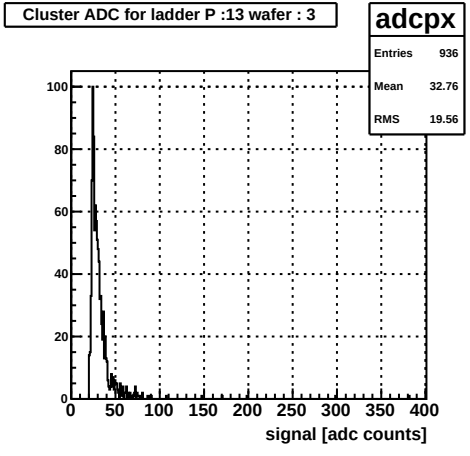

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1835
Mean 105.9
RMS 70.57
signal [adc counts]

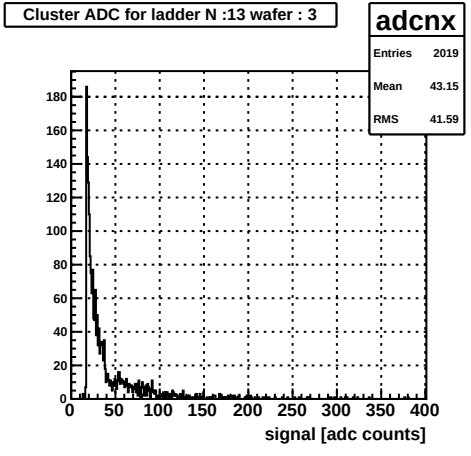

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9575
Mean 28.84
RMS 29.04
signal [adc counts]

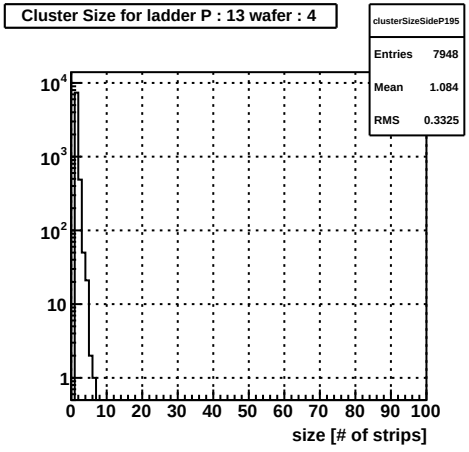

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 936
Mean 1.054
RMS 0.2362
size [# of strips]

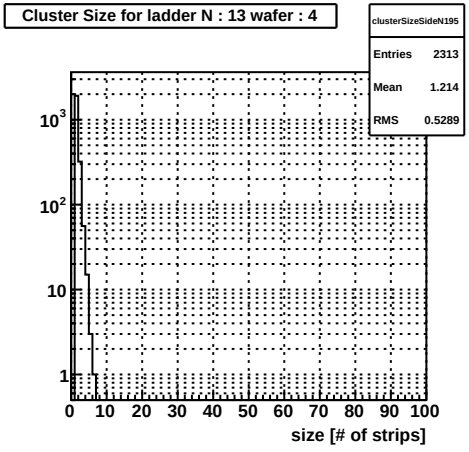

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2019
Mean 1.41
RMS 0.9133
size [# of strips]

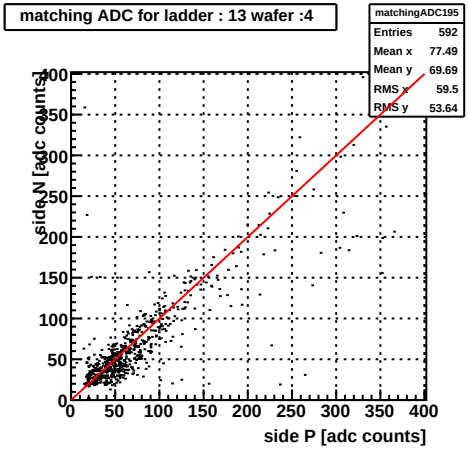

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 6
Mean x 30.33
Mean y 42
RMS x 18.28
RMS y 26.12
side N [adc counts]
side P [adc counts]

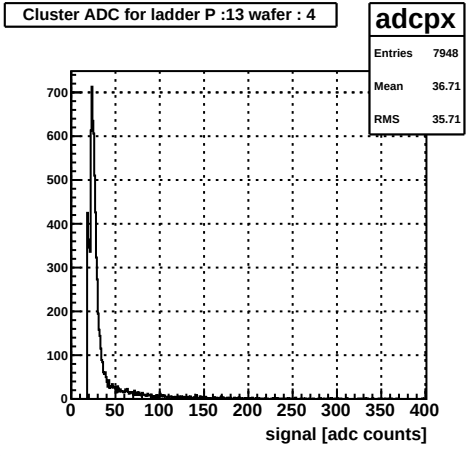

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 936
Mean 32.76
RMS 19.56
signal [adc counts]

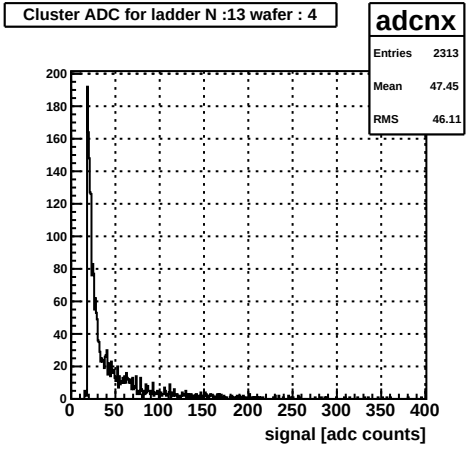

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2019
Mean 43.15
RMS 41.59
signal [adc counts]

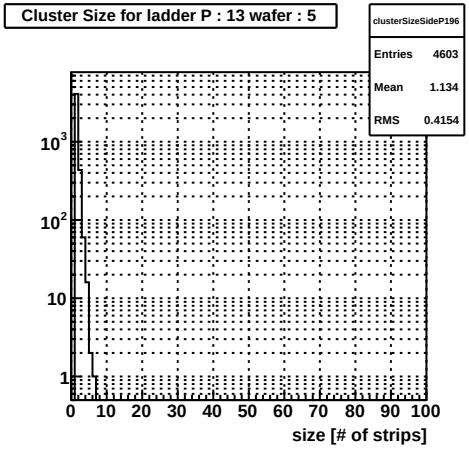

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7948
Mean 1.084
RMS 0.3325
size [# of strips]

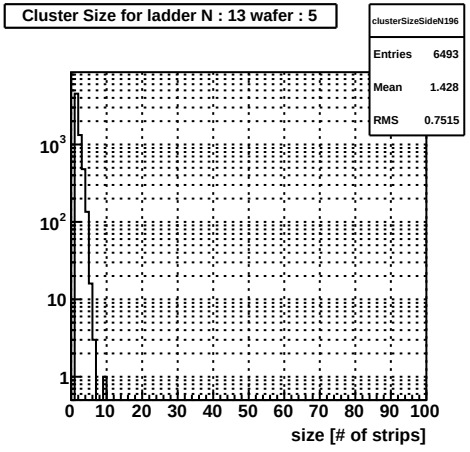

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2313
Mean 1.214
RMS 0.5289
size [# of strips]

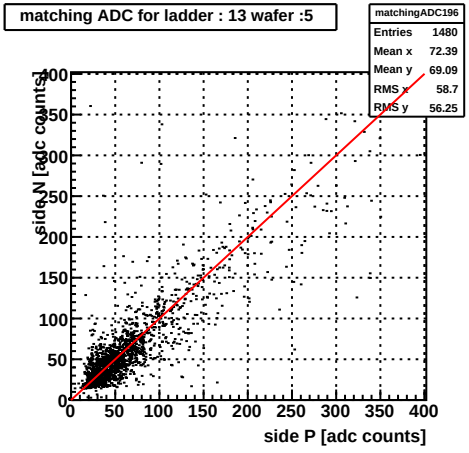

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 592
Mean x 77.49
Mean y 69.69
RMS x 59.5
RMS y 53.64
side N [adc counts]
side P [adc counts]

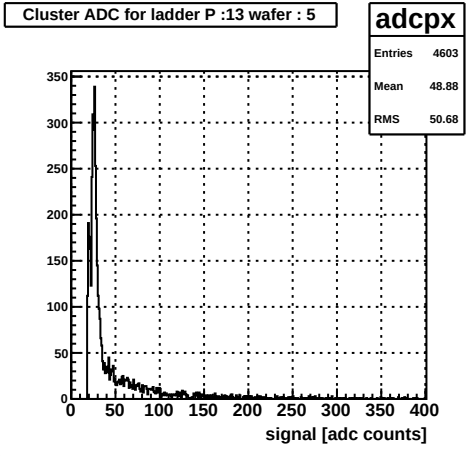

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7948
Mean 36.71
RMS 35.71
signal [adc counts]

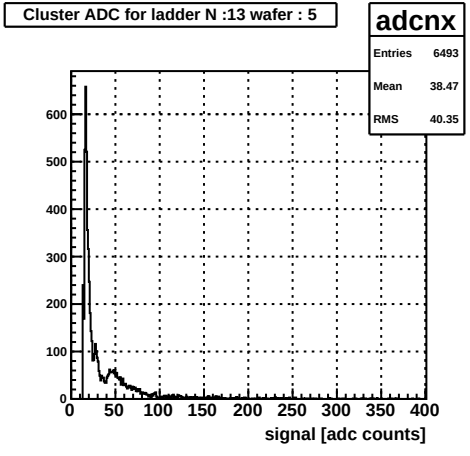

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2313
Mean 47.45
RMS 46.11
signal [adc counts]

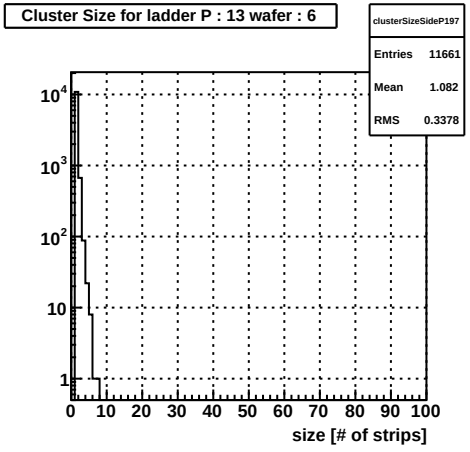

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4603
Mean 1.134
RMS 0.4154
size [# of strips]

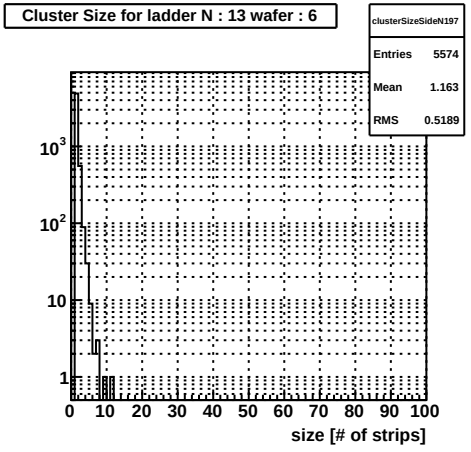

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6493
Mean 1.428
RMS 0.7515
size [# of strips]

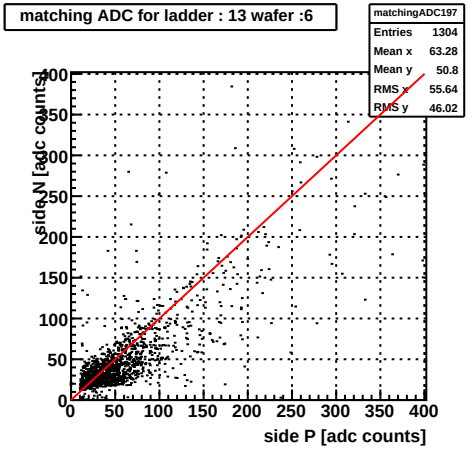

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1480
Mean x 72.39
Mean y 69.09
RMS x 58.7
RMS y 56.25
side N [adc counts]
side P [adc counts]

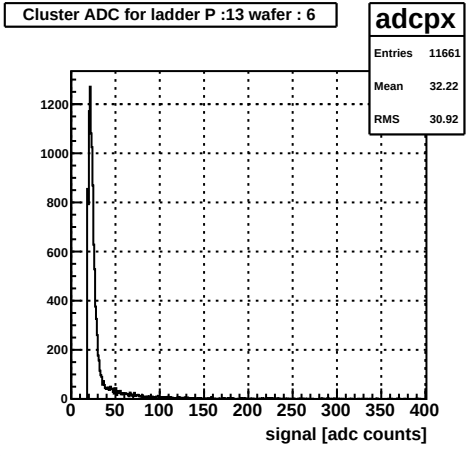

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4603
Mean 48.88
RMS 50.68
signal [adc counts]

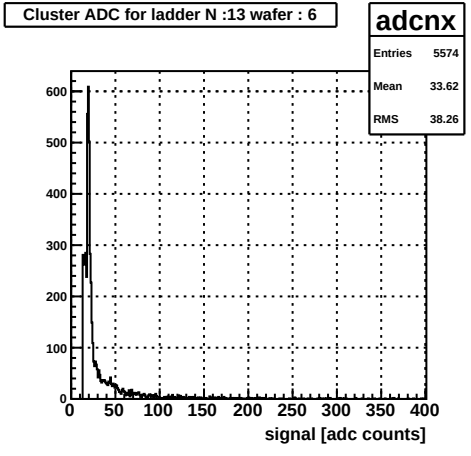

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6493
Mean 38.47
RMS 40.35
signal [adc counts]

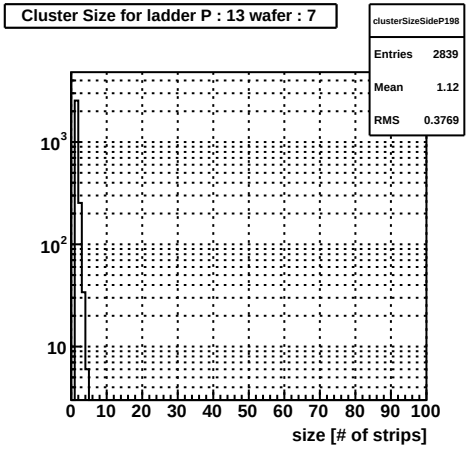

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11661
Mean 1.082
RMS 0.3378
size [# of strips]

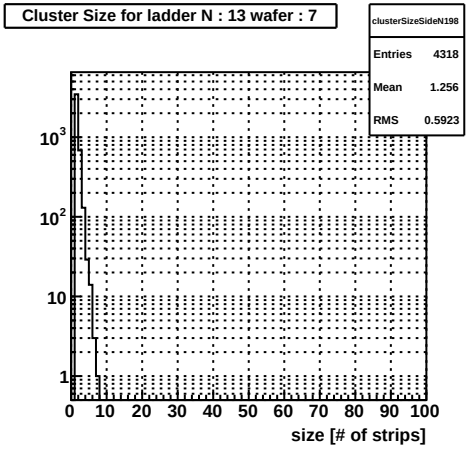

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5574
Mean 1.163
RMS 0.5189
size [# of strips]

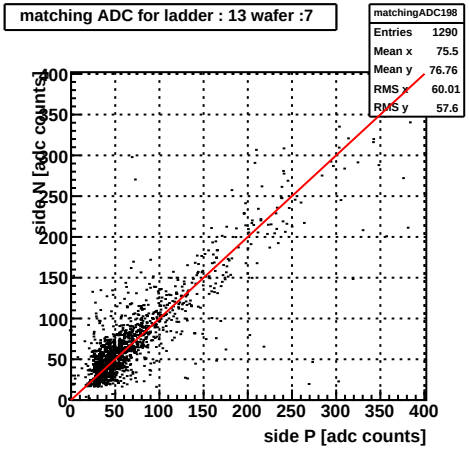

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1304
Mean x 63.28
Mean y 50.8
RMS x 55.64
RMS y 46.02
side N [adc counts]
side P [adc counts]

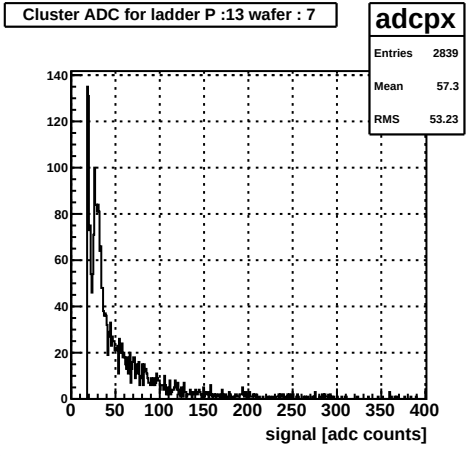

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11661
Mean 32.22
RMS 30.92
signal [adc counts]

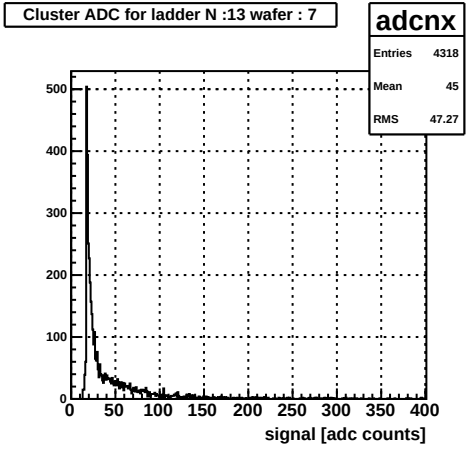

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5574
Mean 33.62
RMS 38.26
signal [adc counts]

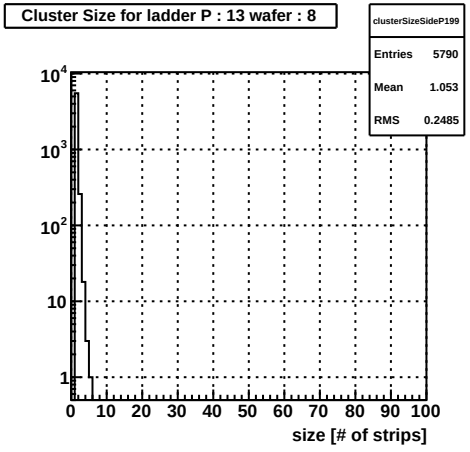

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2839
Mean 1.12
RMS 0.3769
size [# of strips]

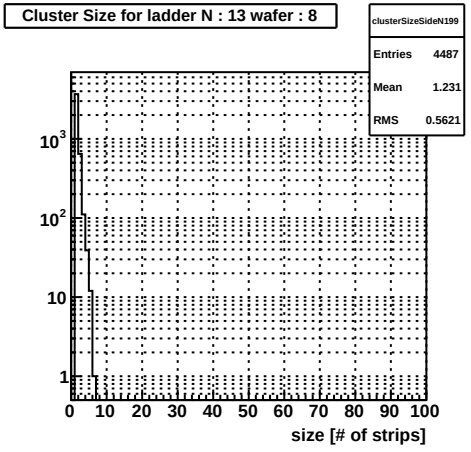

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4318
Mean 1.256
RMS 0.5923
size [# of strips]

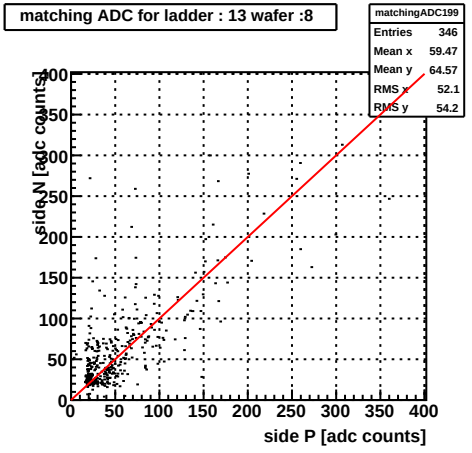

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1290
Mean x 75.5
Mean y 76.76
RMS x 60.01
RMS y 57.6
side N [adc counts]
side P [adc counts]

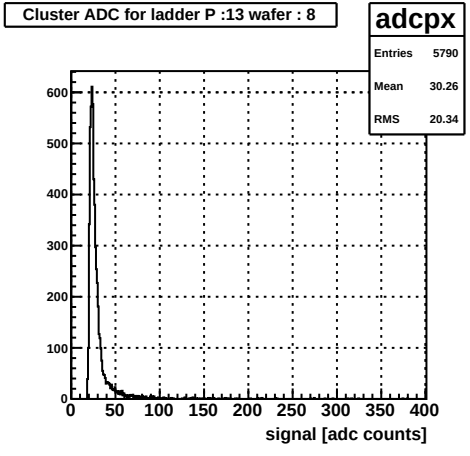

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2839
Mean 57.3
RMS 53.23
signal [adc counts]

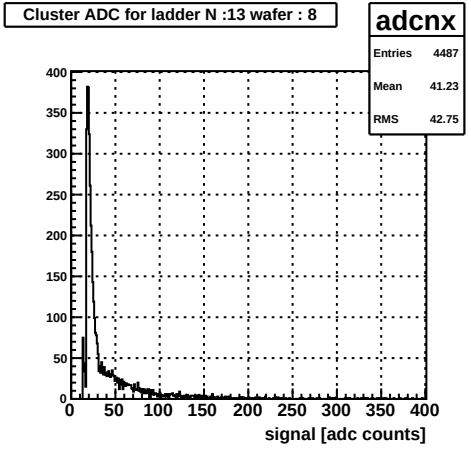

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4318
Mean 45
RMS 47.27
signal [adc counts]

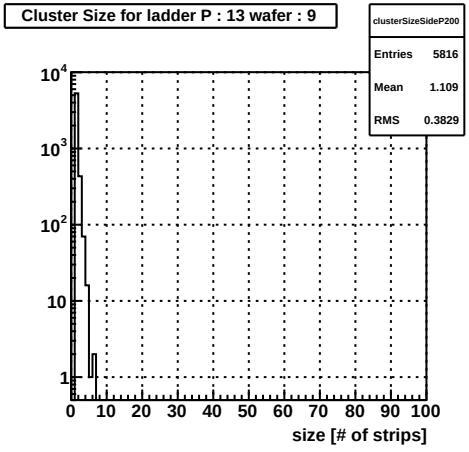

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5790
Mean 1.053
RMS 0.2485
size [# of strips]

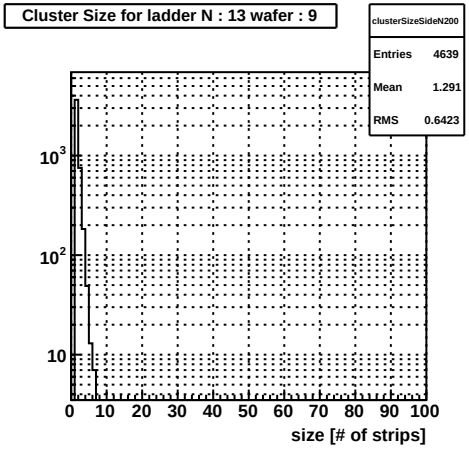

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 4487
Mean 1.231
RMS 0.5621
size [# of strips]

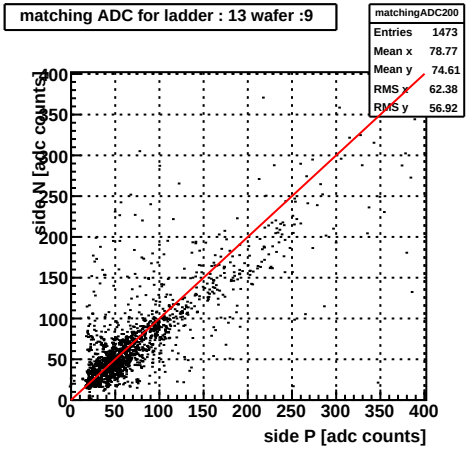

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 346
Mean x 59.47
Mean y 64.57
RMS x 52.1
RMS y 54.2
side N [adc counts]
side P [adc counts]

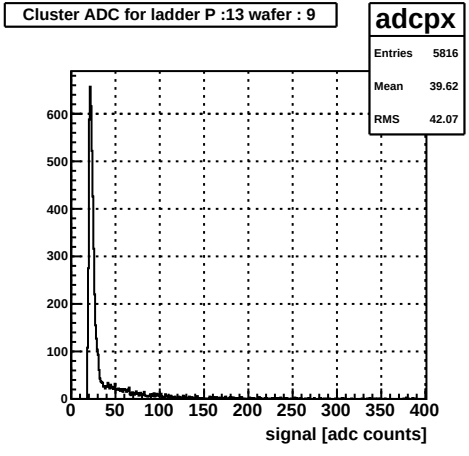

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5790
Mean 30.26
RMS 20.34
signal [adc counts]

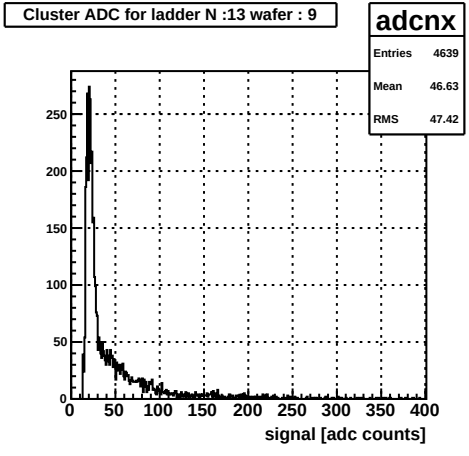

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 4487
Mean 41.23
RMS 42.75
signal [adc counts]

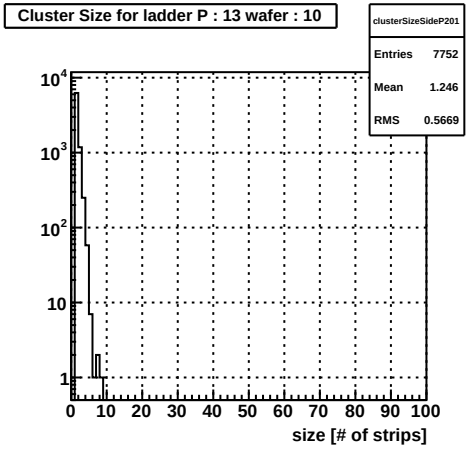

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5816
Mean 1.109
RMS 0.3829
size [# of strips]

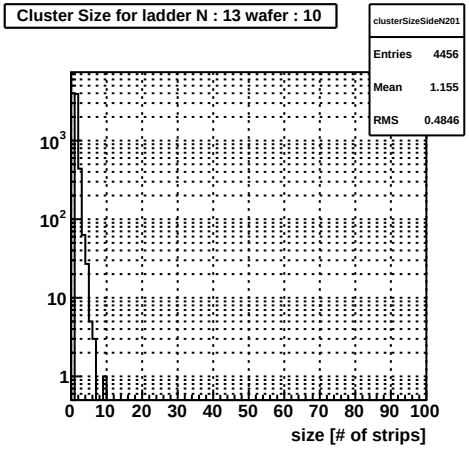

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4639
Mean 1.291
RMS 0.6423
size [# of strips]

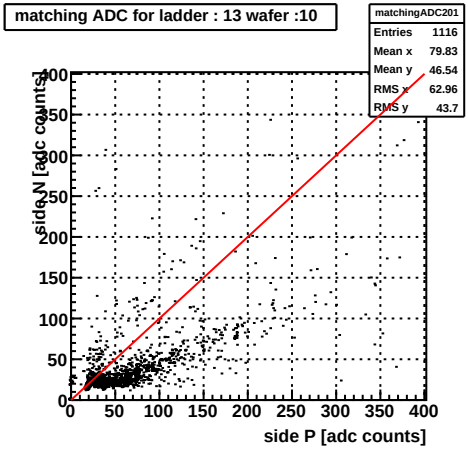

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1473
Mean x 78.77
Mean y 74.61
RMS x 62.38
RMS y 56.92
side N [adc counts]
side P [adc counts]

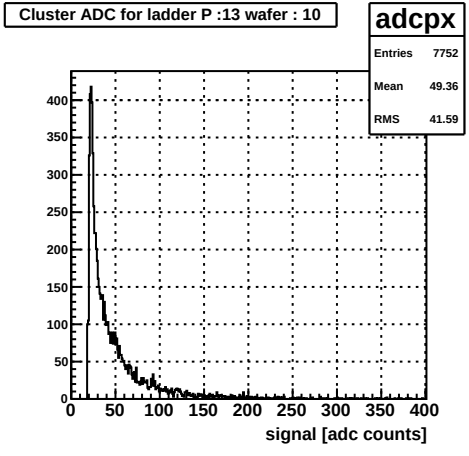

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5816
Mean 39.62
RMS 42.07
signal [adc counts]

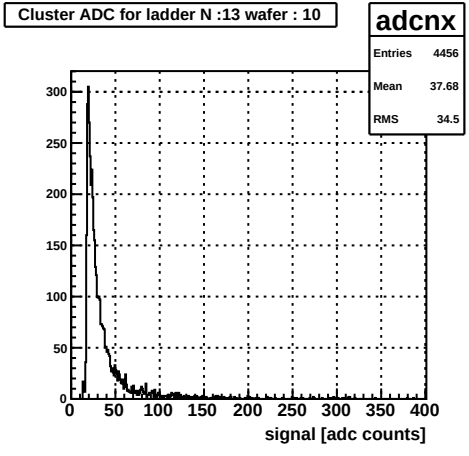

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4639
Mean 46.63
RMS 47.42
signal [adc counts]

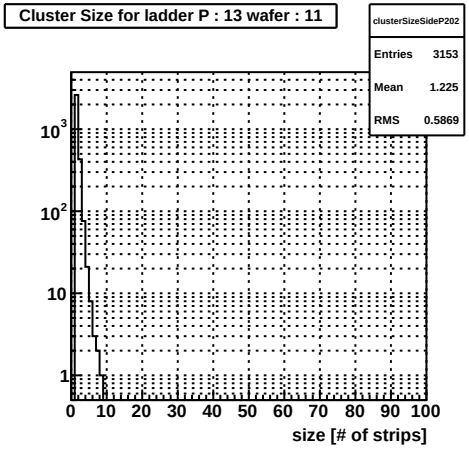

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7752
Mean 1.246
RMS 0.5669
size [# of strips]

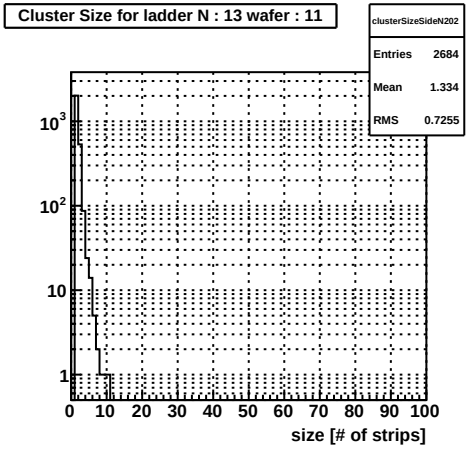

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4456
Mean 1.155
RMS 0.4846
size [# of strips]

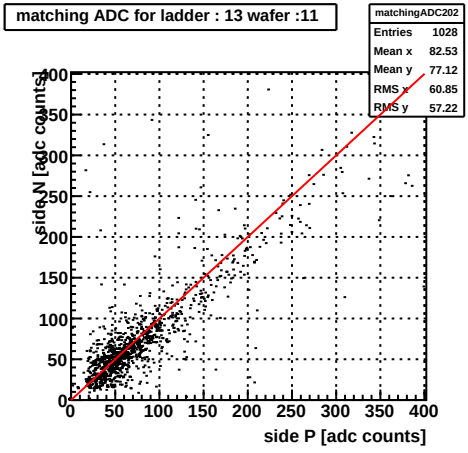

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1116
Mean x 79.83
Mean y 46.54
RMS x 62.96
RMS y 43.7
side N [adc counts]
side P [adc counts]

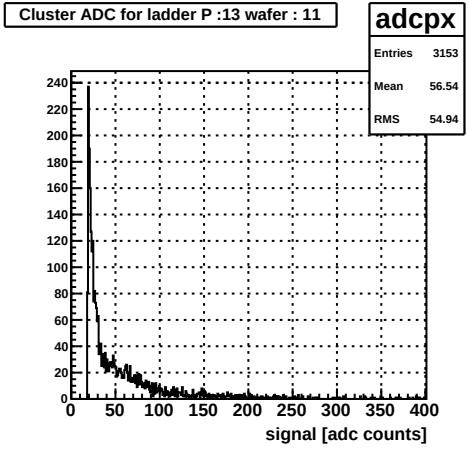

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7752
Mean 49.36
RMS 41.59
signal [adc counts]

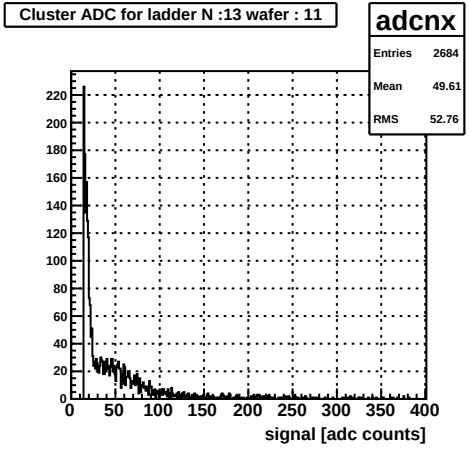

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4456
Mean 37.68
RMS 34.5
signal [adc counts]

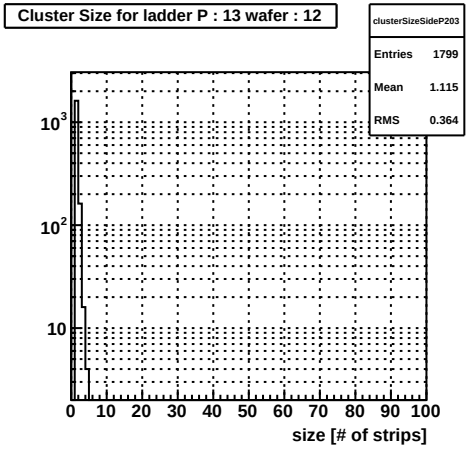

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3153
Mean 1.225
RMS 0.5869
size [# of strips]

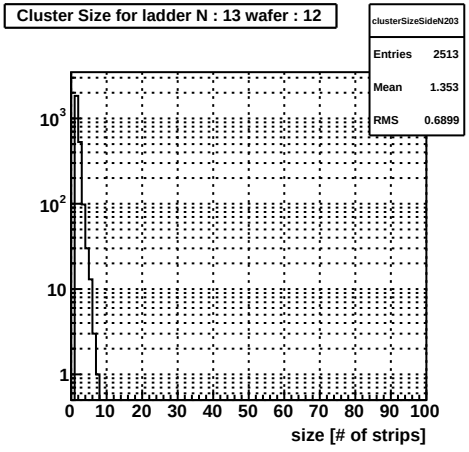

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2684
Mean 1.334
RMS 0.7255
size [# of strips]

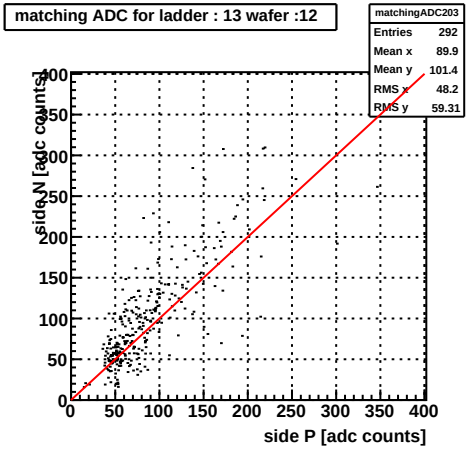

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1028
Mean x 82.53
Mean y 77.12
RMS x 60.85
RMS y 57.22
side N [adc counts]
side P [adc counts]

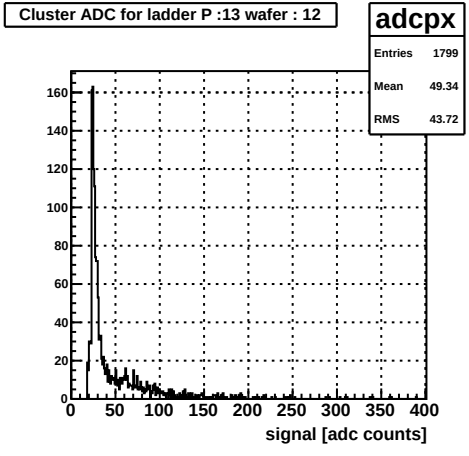

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3153
Mean 56.54
RMS 54.94
signal [adc counts]

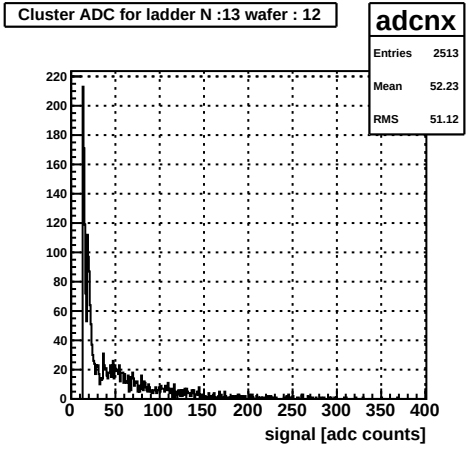

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2684
Mean 49.61
RMS 52.76
signal [adc counts]

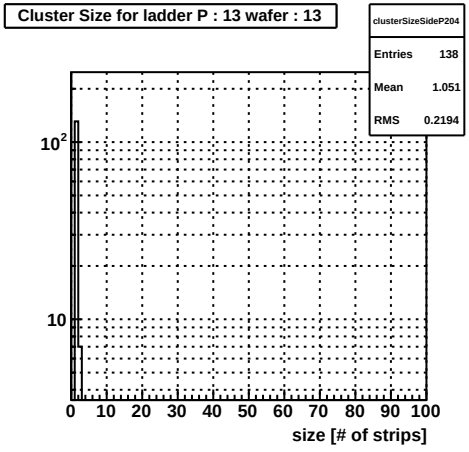

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1799
Mean 1.115
RMS 0.364
size [# of strips]

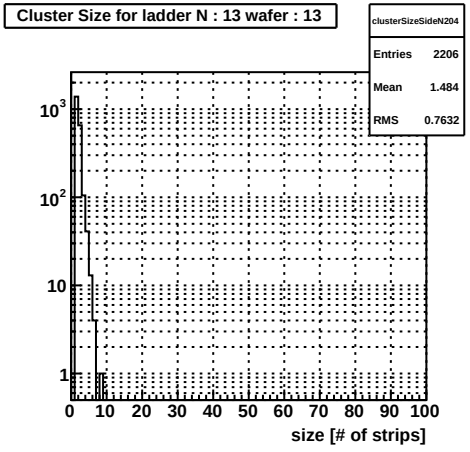

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2513
Mean 1.353
RMS 0.6899
size [# of strips]

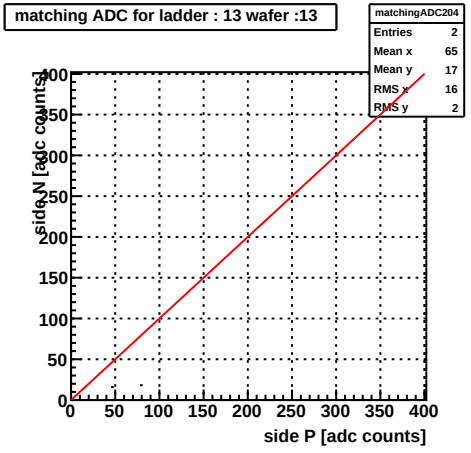

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 292
Mean x 89.9
Mean y 101.4
RMS x 48.2
RMS y 59.31
side N [adc counts]
side P [adc counts]

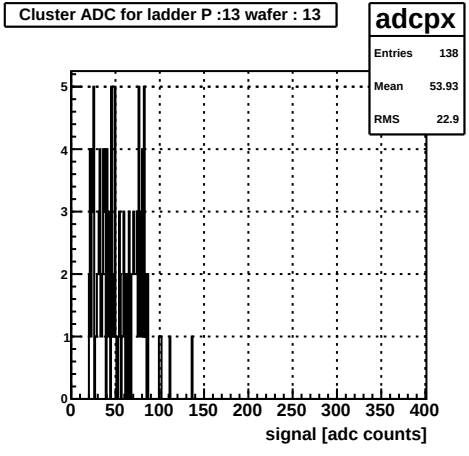

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1799
Mean 49.34
RMS 43.72
signal [adc counts]

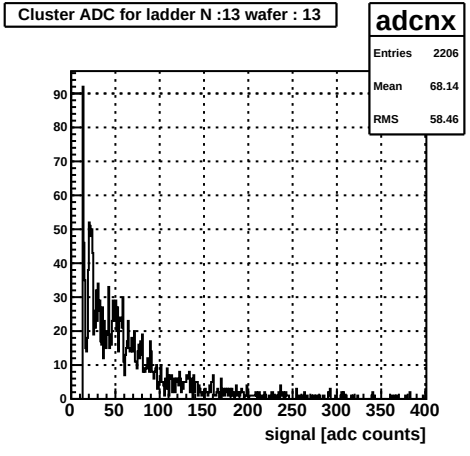

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2513
Mean 52.23
RMS 51.12
signal [adc counts]

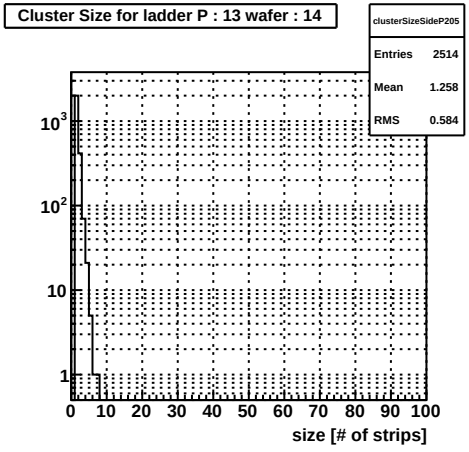

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 138
Mean 1.051
RMS 0.2194
size [# of strips]

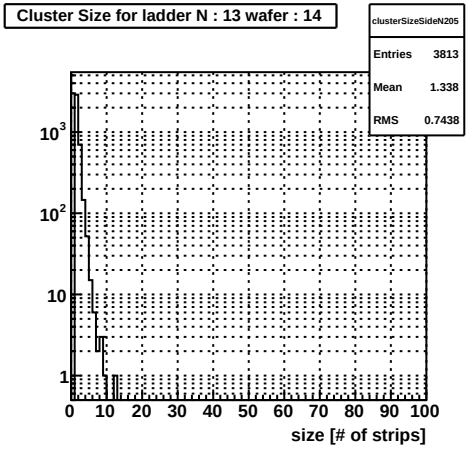

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2206
Mean 1.484
RMS 0.7632
size [# of strips]

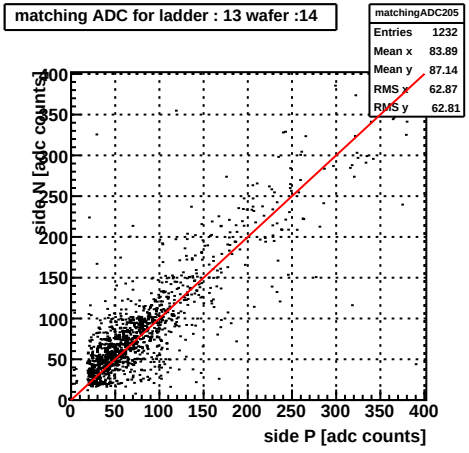

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 65
Mean y 17
RMS x 16
RMS y 2
side N [adc counts]
side P [adc counts]

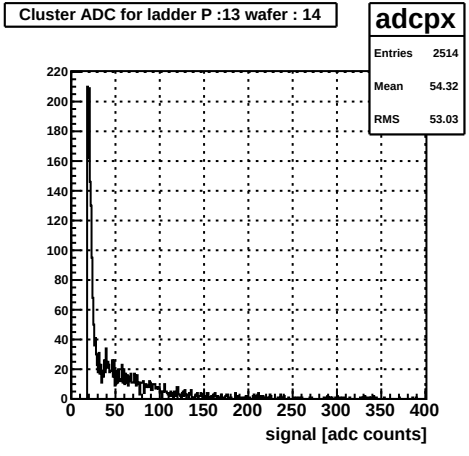

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 138
Mean 53.93
RMS 22.9
signal [adc counts]

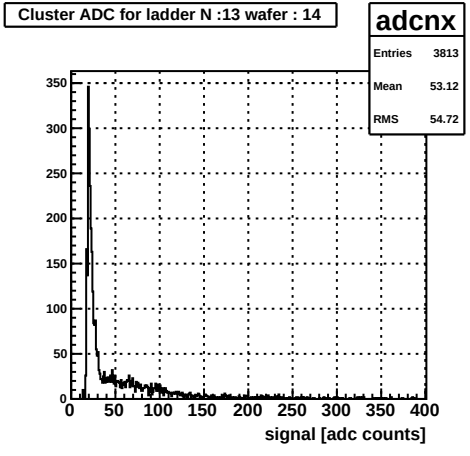

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2206
Mean 68.14
RMS 58.46
signal [adc counts]

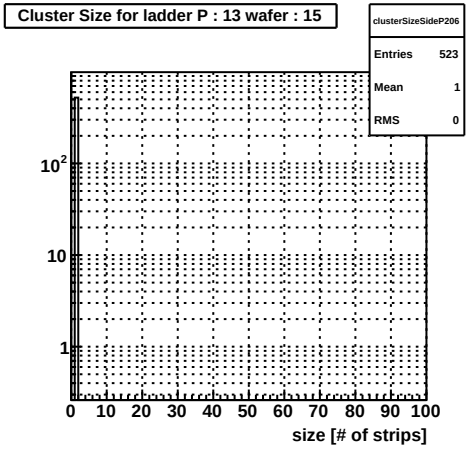

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2514
Mean 1.258
RMS 0.584
size [# of strips]

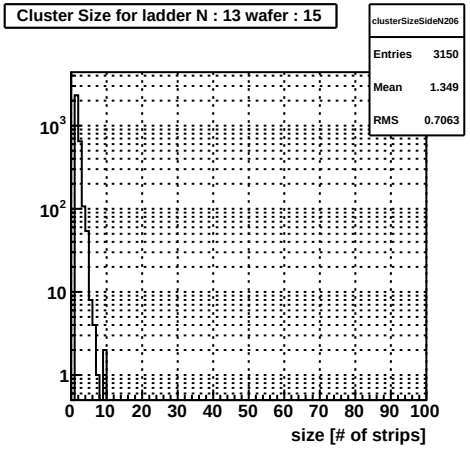

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3813
Mean 1.338
RMS 0.7438
size [# of strips]

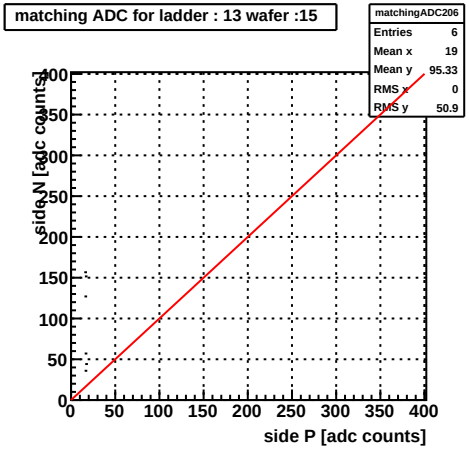

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1232
Mean x 83.89
Mean y 87.14
RMS x 62.87
RMS y 62.81
side N [adc counts]
side P [adc counts]

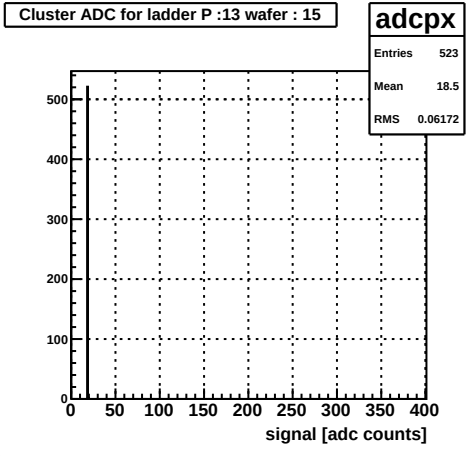

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2514
Mean 54.32
RMS 53.03
signal [adc counts]

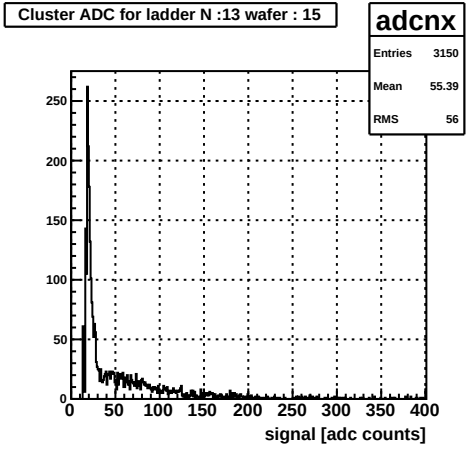

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3813
Mean 53.12
RMS 54.72
signal [adc counts]

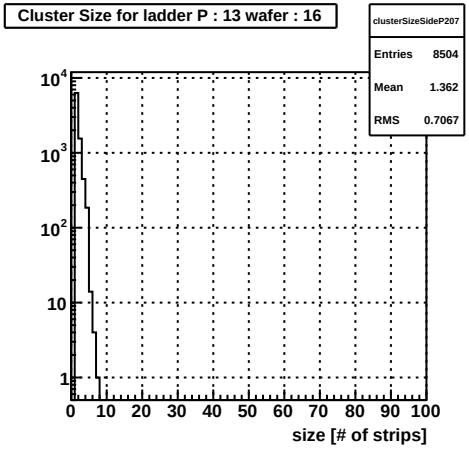

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 523
Mean 1
RMS 0
size [# of strips]

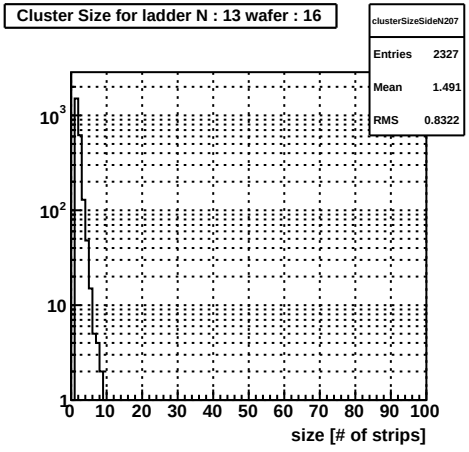

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 3150
Mean 1.349
RMS 0.7063
size [# of strips]

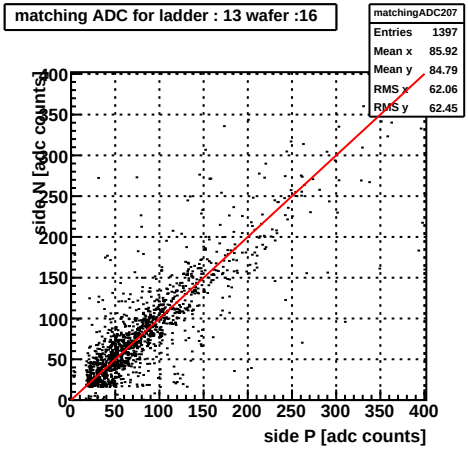

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 6
Mean x 19
Mean y 95.33
RMS x 0
RMS y 50.9
side N [adc counts]
side P [adc counts]

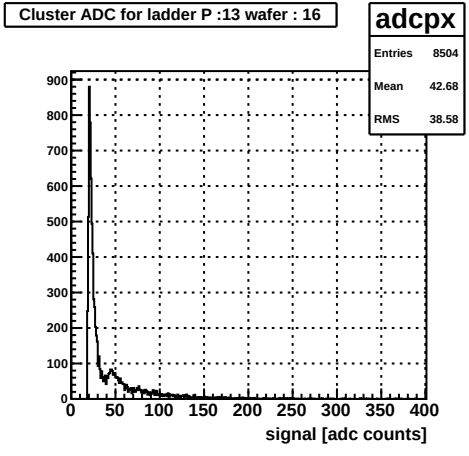

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 523
Mean 18.5
RMS 0.06172
signal [adc counts]

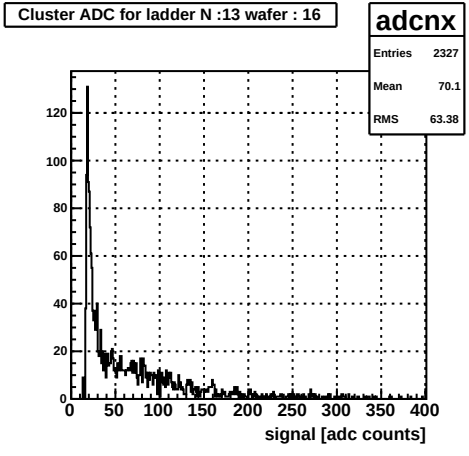

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 3150
Mean 55.39
RMS 56
signal [adc counts]

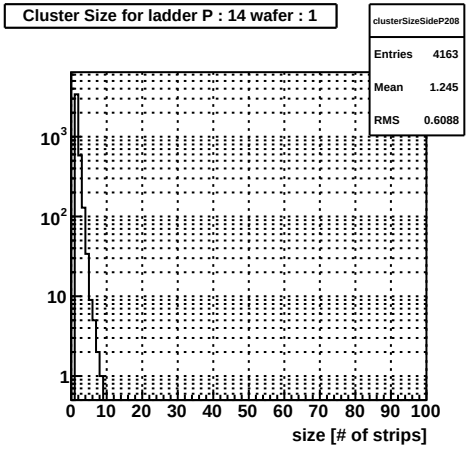

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8504
Mean 1.362
RMS 0.7067
size [# of strips]

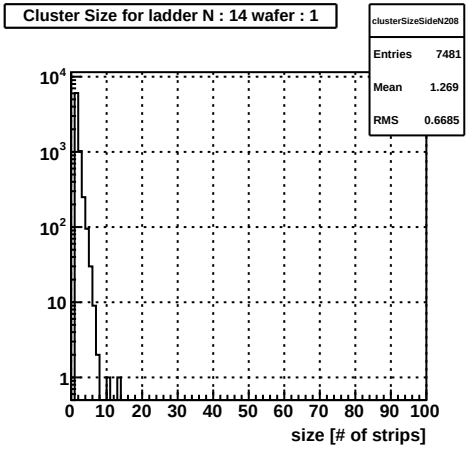

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2327
Mean 1.491
RMS 0.8322
size [# of strips]

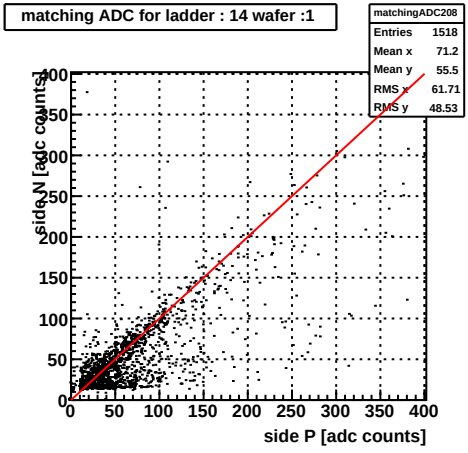

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1397
Mean x 85.92
Mean y 84.79
RMS x 62.06
RMS y 62.45
side N [adc counts]
side P [adc counts]

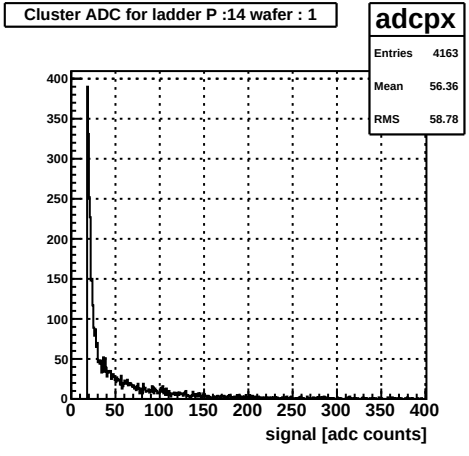

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8504
Mean 42.68
RMS 38.58
signal [adc counts]

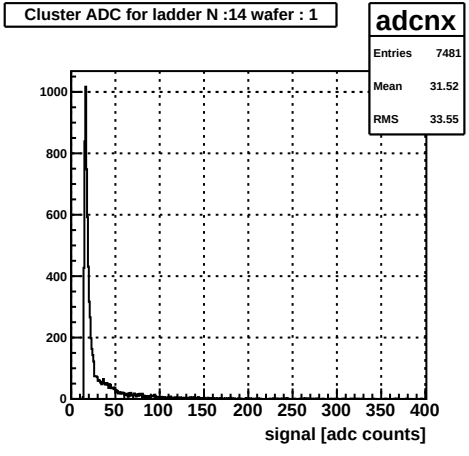

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2327
Mean 70.1
RMS 63.38
signal [adc counts]

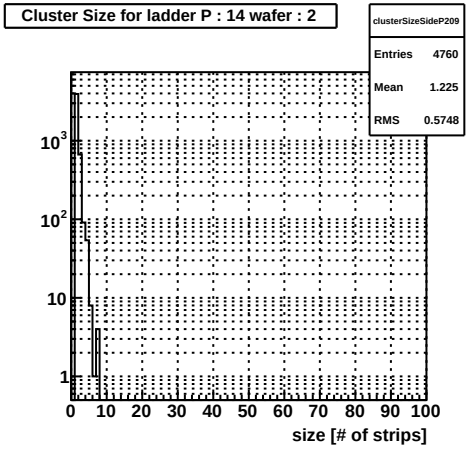

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4163
Mean 1.245
RMS 0.6088
size [# of strips]

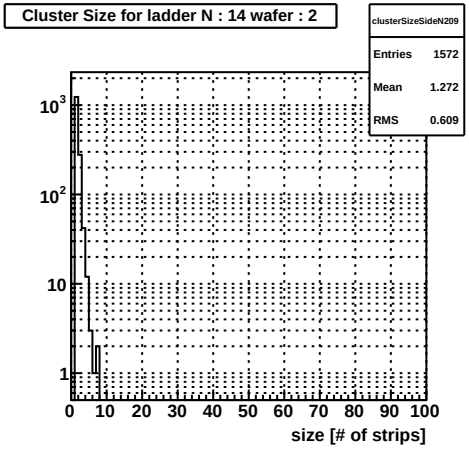

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7481
Mean 1.269
RMS 0.6685
size [# of strips]

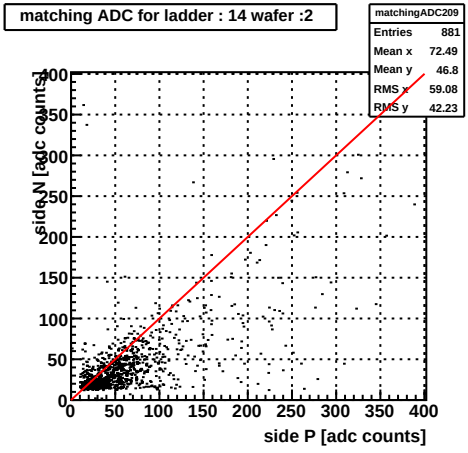

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1518
Mean x 71.2
Mean y 55.5
RMS x 61.71
RMS y 48.53
side N [adc counts]
side P [adc counts]

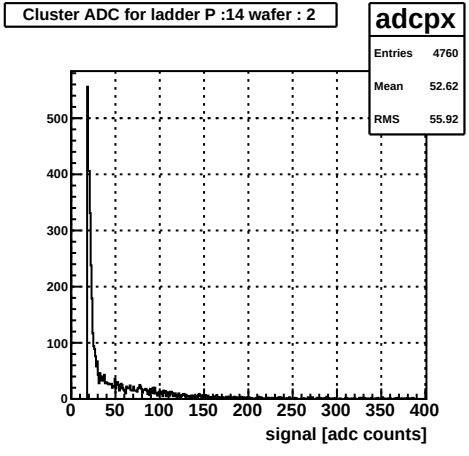

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4163
Mean 56.36
RMS 58.78
signal [adc counts]

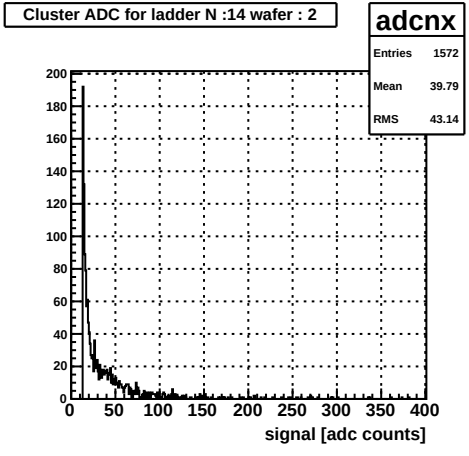

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7481
Mean 31.52
RMS 33.55
signal [adc counts]

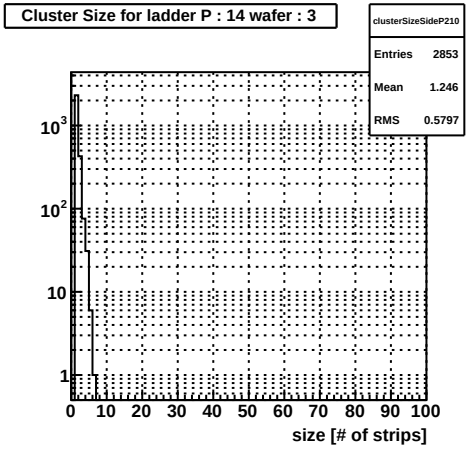

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4760
Mean 1.225
RMS 0.5748
size [# of strips]

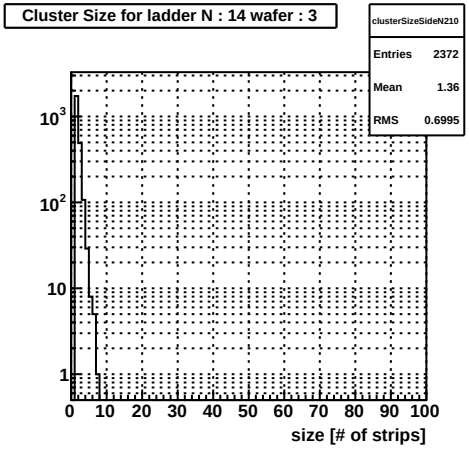

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1572
Mean 1.272
RMS 0.609
size [# of strips]

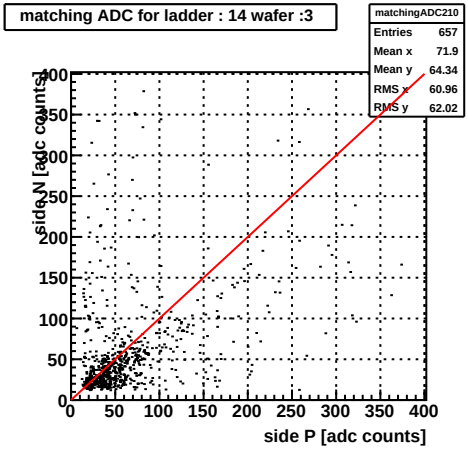

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 881
Mean x 72.49
Mean y 46.8
RMS x 59.08
RMS y 42.23
side N [adc counts]
side P [adc counts]

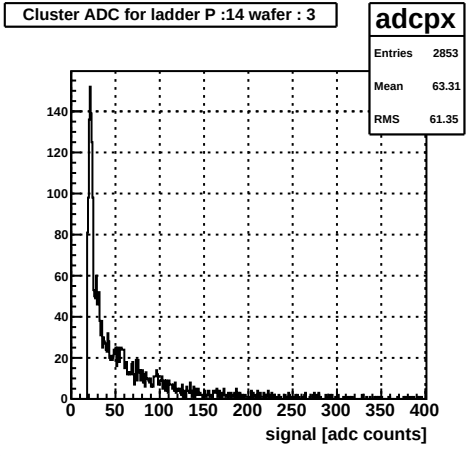

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4760
Mean 52.62
RMS 55.92
signal [adc counts]

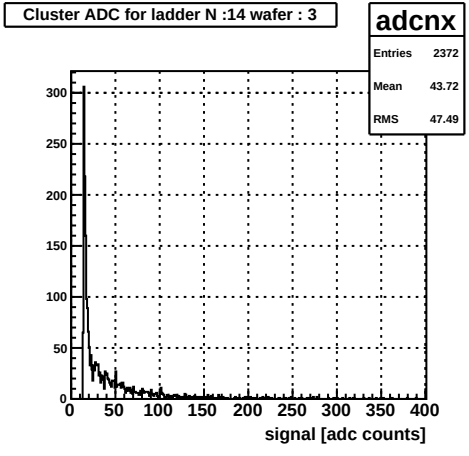

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1572
Mean 39.79
RMS 43.14
signal [adc counts]

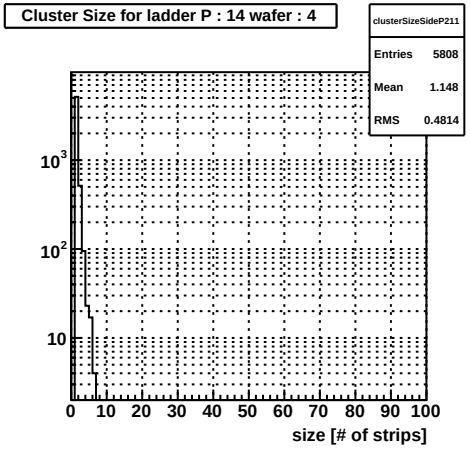

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2853
Mean 1.246
RMS 0.5797
size [# of strips]

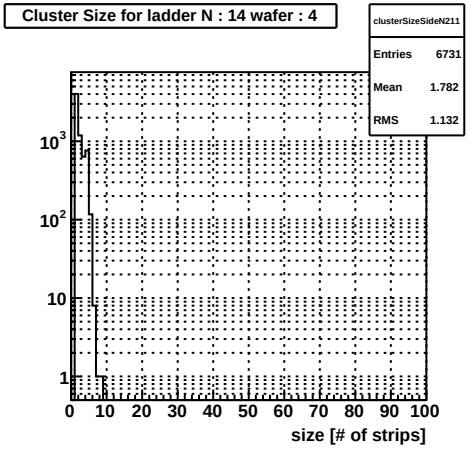

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2372
Mean 1.36
RMS 0.6995
size [# of strips]

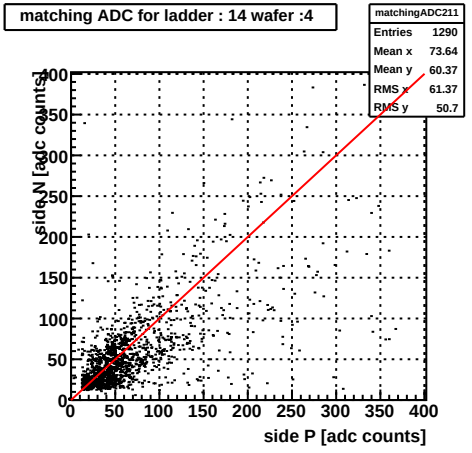

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 657
Mean x 71.9
Mean y 64.34
RMS x 60.96
RMS y 62.02
side N [adc counts]
side P [adc counts]

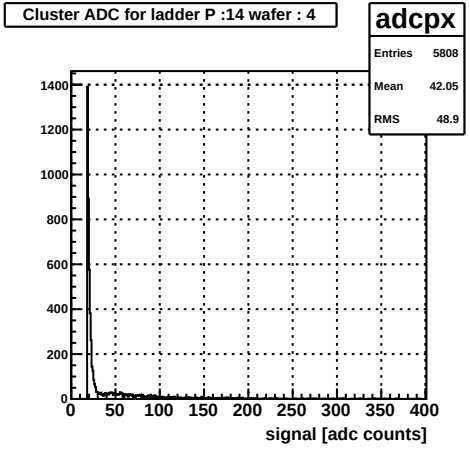

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2853
Mean 63.31
RMS 61.35
signal [adc counts]

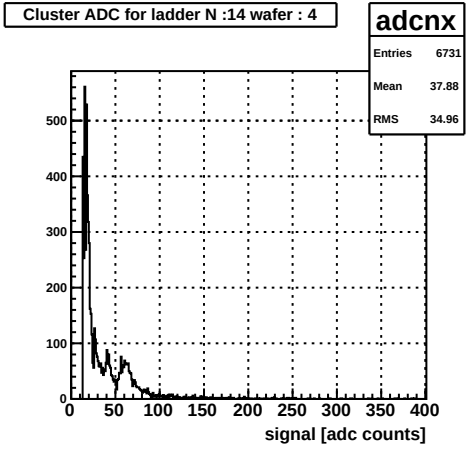

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2372
Mean 43.72
RMS 47.49
signal [adc counts]

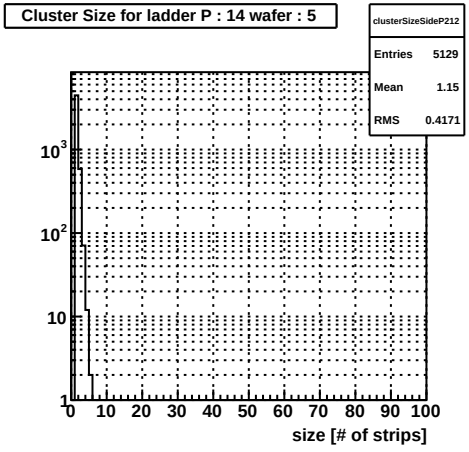

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5808
Mean 1.148
RMS 0.4814
size [# of strips]

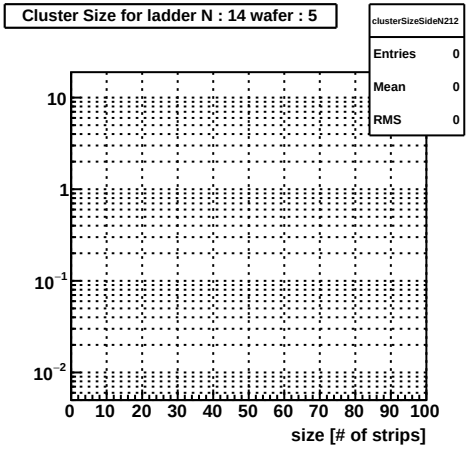

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6731
Mean 1.782
RMS 1.132
size [# of strips]

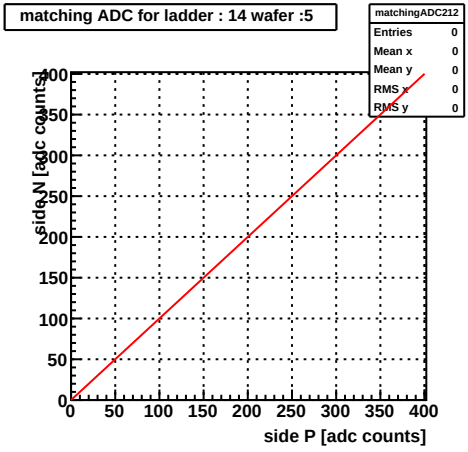

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1290
Mean x 73.64
Mean y 60.37
RMS x 61.37
RMS y 50.7
side N [adc counts]
side P [adc counts]

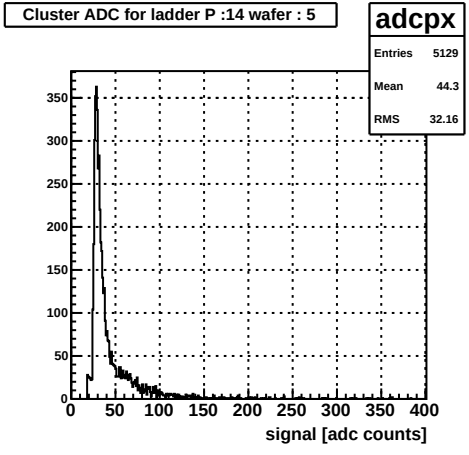

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5808
Mean 42.05
RMS 48.9
signal [adc counts]

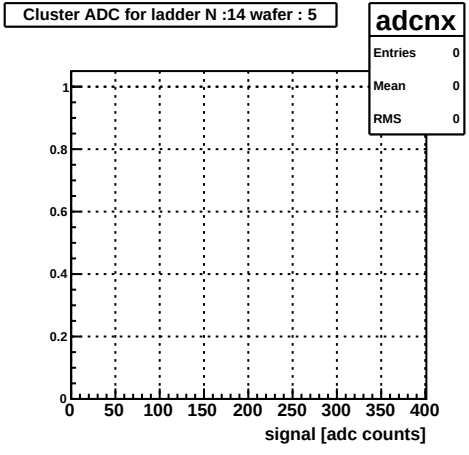

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6731
Mean 37.88
RMS 34.96
signal [adc counts]

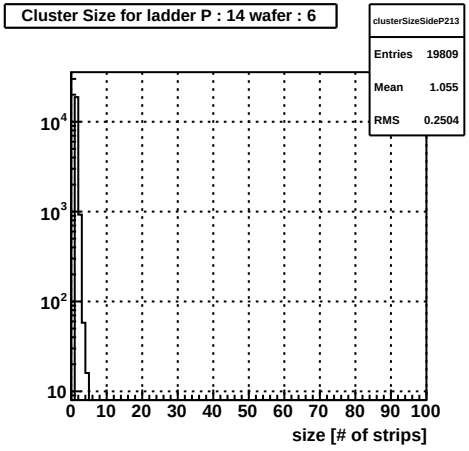

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5129
Mean 1.15
RMS 0.4171
size [# of strips]

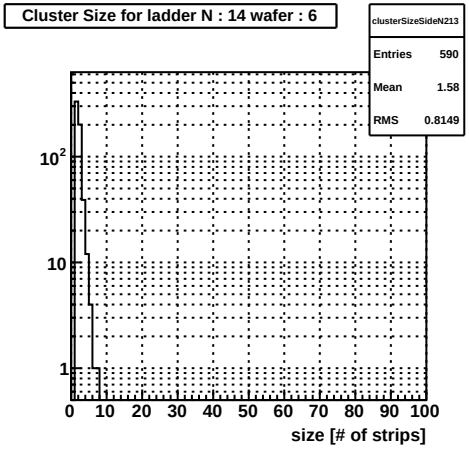

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

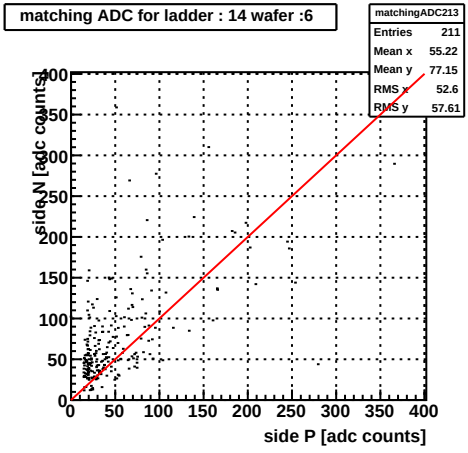

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

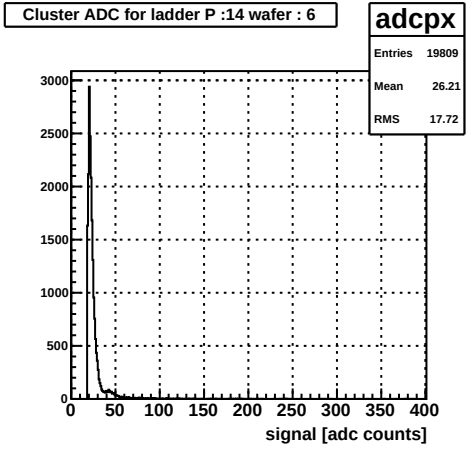

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5129
Mean 44.3
RMS 32.16
signal [adc counts]

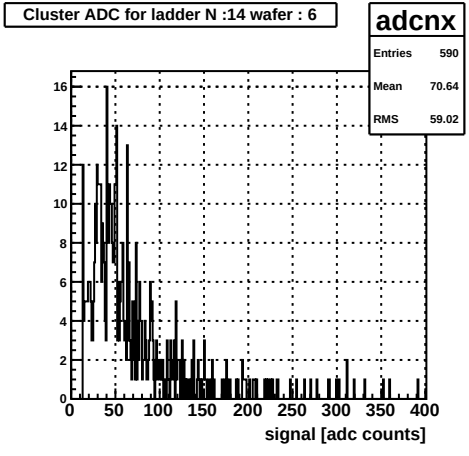

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

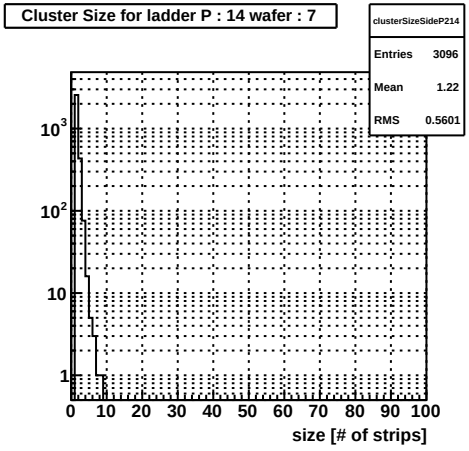

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 19809
Mean 1.055
RMS 0.2504
size [# of strips]

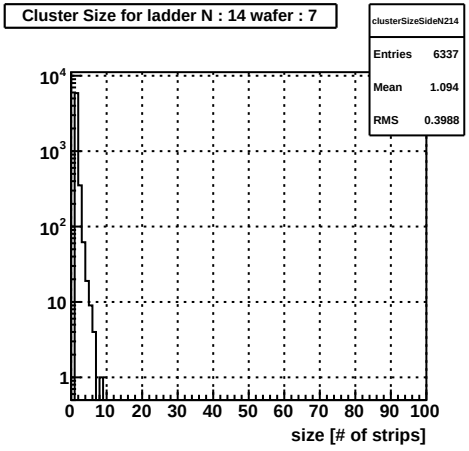

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 590
Mean 1.58
RMS 0.8149
size [# of strips]

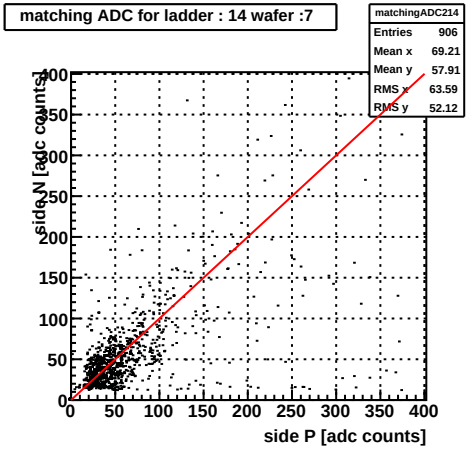

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 211
Mean x 55.22
Mean y 77.15
RMS x 52.6
RMS y 57.61
side N [adc counts]
side P [adc counts]

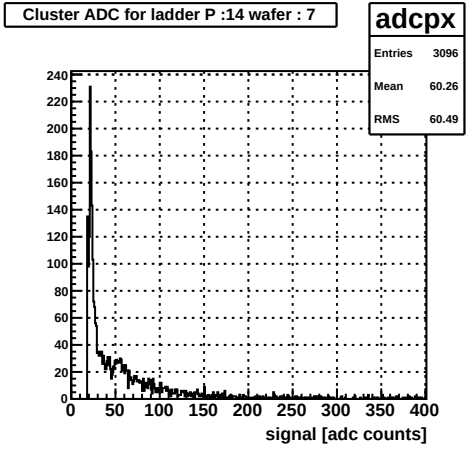

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 19809
Mean 26.21
RMS 17.72
signal [adc counts]

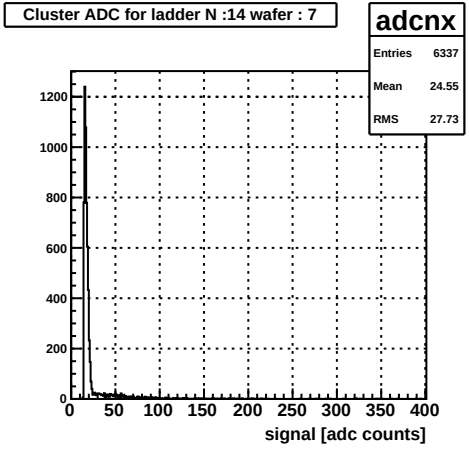

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 590
Mean 70.64
RMS 59.02
signal [adc counts]

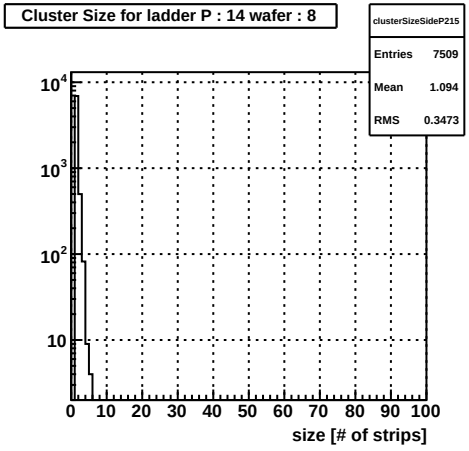

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3096
Mean 1.22
RMS 0.5601
size [# of strips]

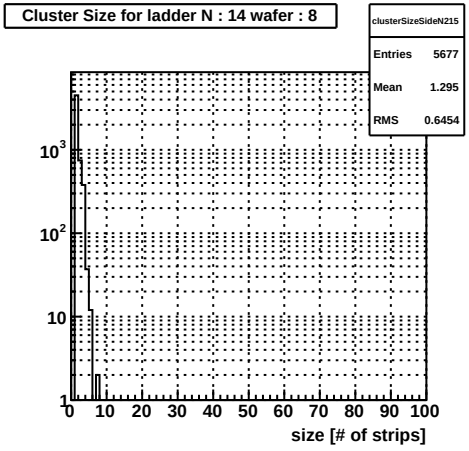

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6337
Mean 1.094
RMS 0.3988
size [# of strips]

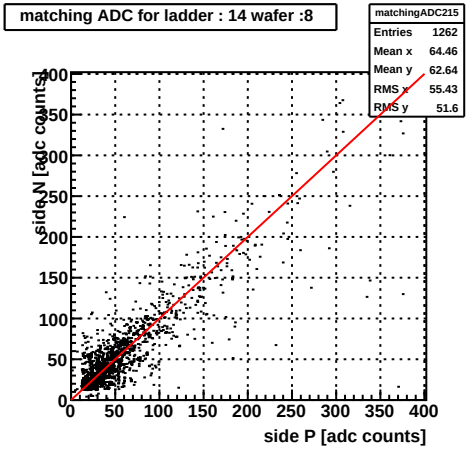

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 906
Mean x 69.21
Mean y 57.91
RMS x 63.59
RMS y 52.12
side N [adc counts]
side P [adc counts]

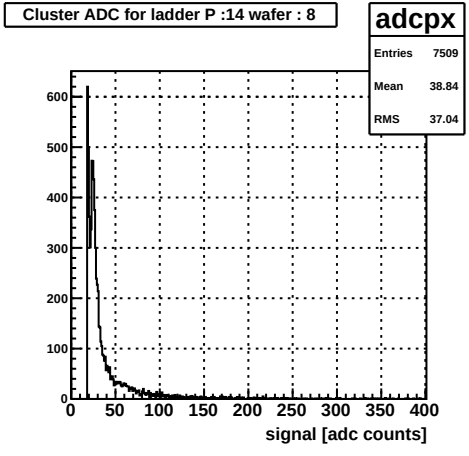

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3096
Mean 60.26
RMS 60.49
signal [adc counts]

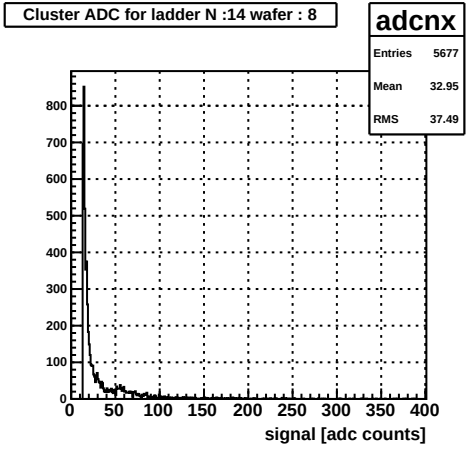

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6337
Mean 24.55
RMS 27.73
signal [adc counts]

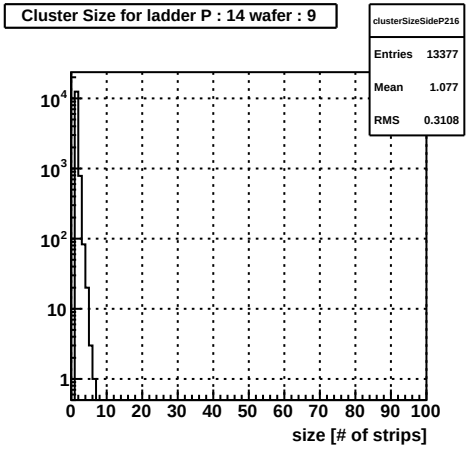

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7509
Mean 1.094
RMS 0.3473
size [# of strips]

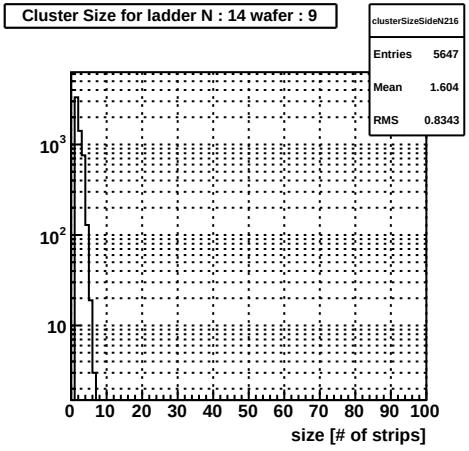

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5677
Mean 1.295
RMS 0.6454
size [# of strips]

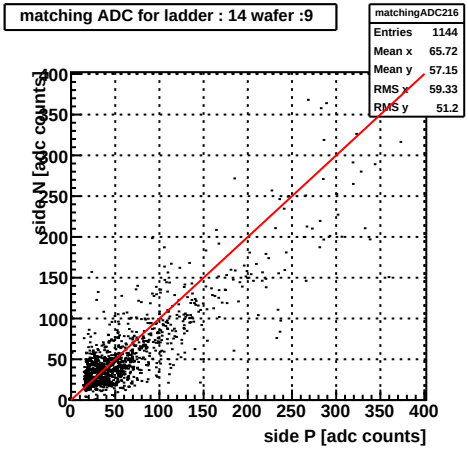

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1262
Mean x 64.46
Mean y 62.64
RMS x 55.43
RMS y 51.6
side N [adc counts]
side P [adc counts]

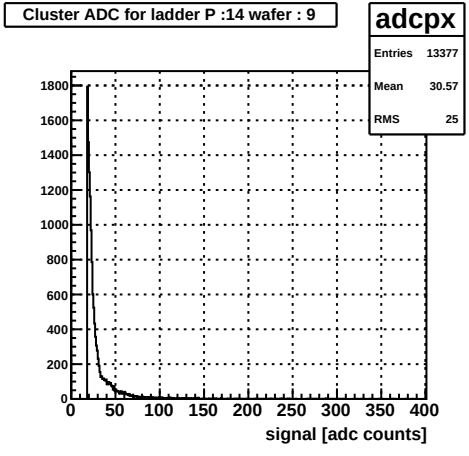

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7509
Mean 38.84
RMS 37.04
signal [adc counts]

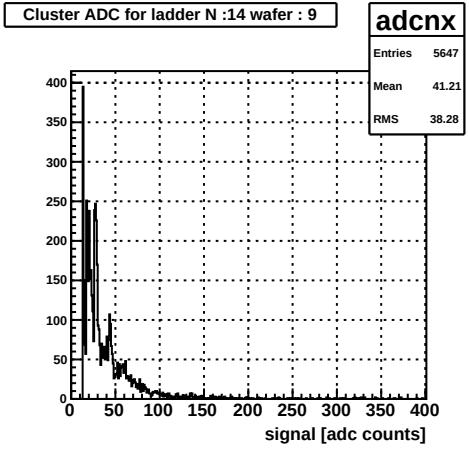

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5677
Mean 32.95
RMS 37.49
signal [adc counts]

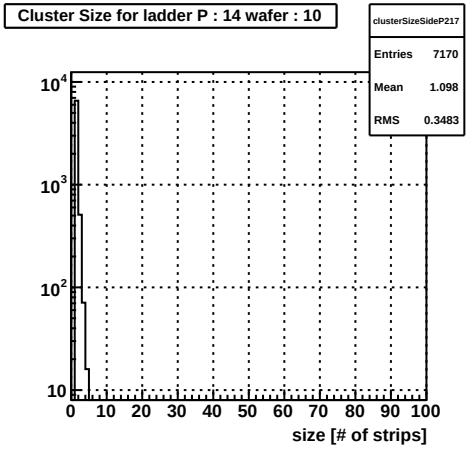

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13377
Mean 1.077
RMS 0.3108
size [# of strips]

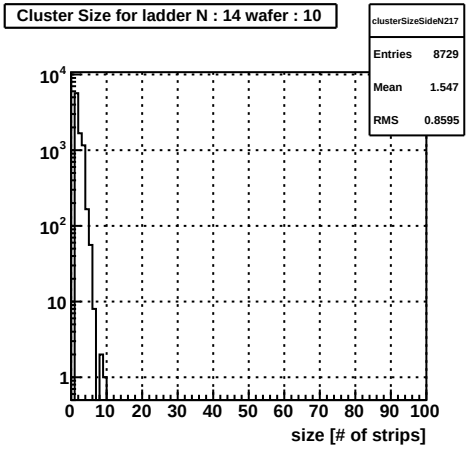

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5647
Mean 1.604
RMS 0.8343
size [# of strips]

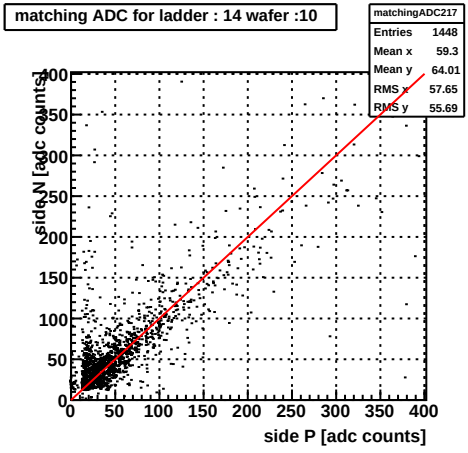

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1144
Mean x 65.72
Mean y 57.15
RMS x 59.33
RMS y 51.2
side N [adc counts]
side P [adc counts]

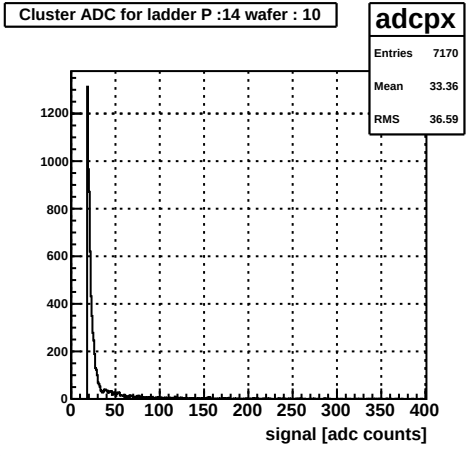

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13377
Mean 30.57
RMS 25
signal [adc counts]

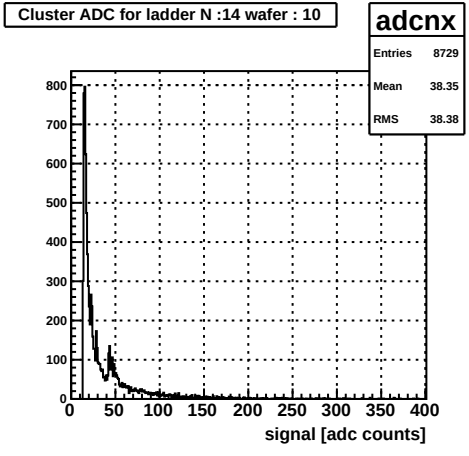

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5647
Mean 41.21
RMS 38.28
signal [adc counts]

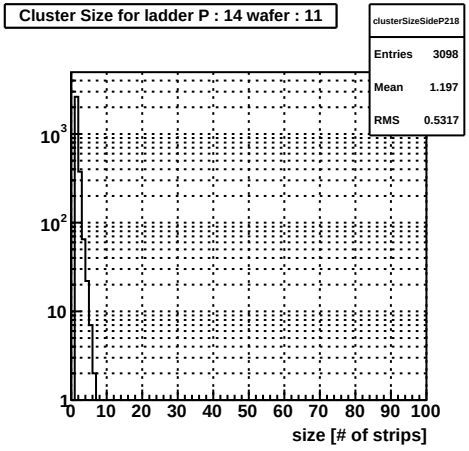

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7170
Mean 1.098
RMS 0.3483
size [# of strips]

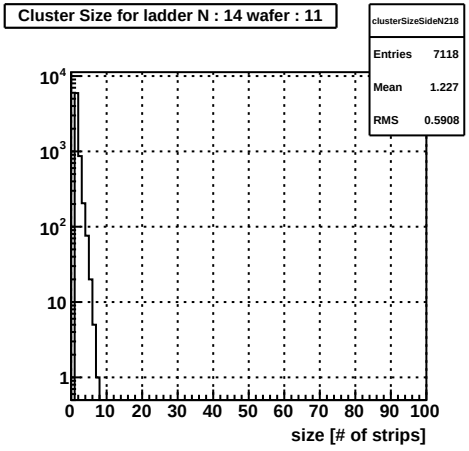

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8729
Mean 1.547
RMS 0.8595
size [# of strips]

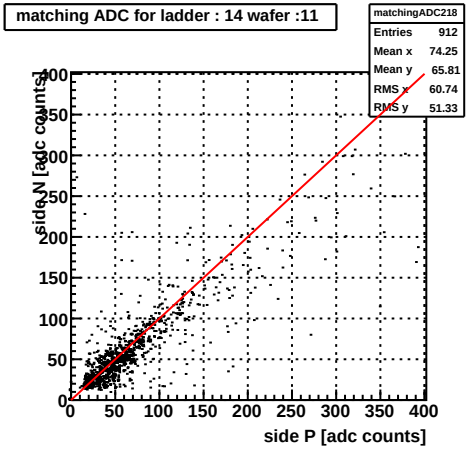

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1448
Mean x 59.3
Mean y 64.01
RMS x 57.65
RMS y 55.69
side N [adc counts]
side P [adc counts]

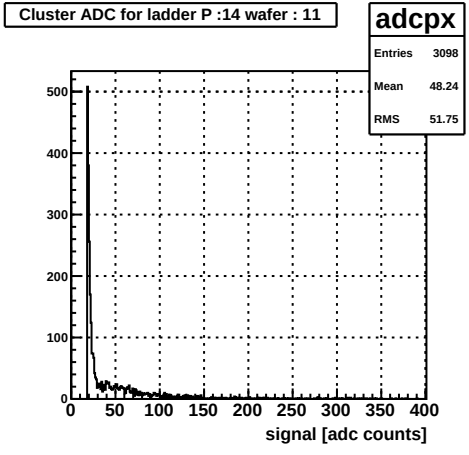

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7170
Mean 33.36
RMS 36.59
signal [adc counts]

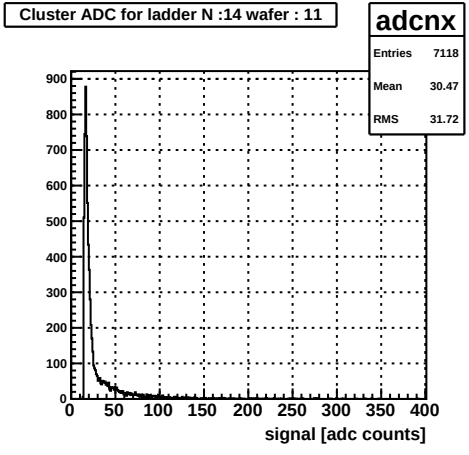

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8729
Mean 38.35
RMS 38.38
signal [adc counts]

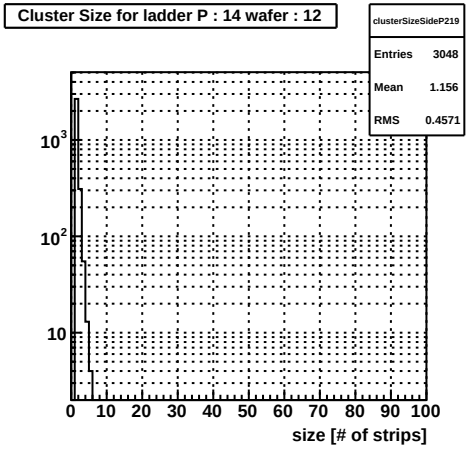

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3098
Mean 1.197
RMS 0.5317
size [# of strips]

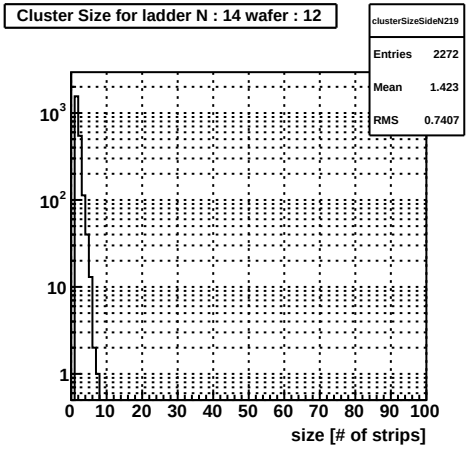

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7118
Mean 1.227
RMS 0.5908
size [# of strips]

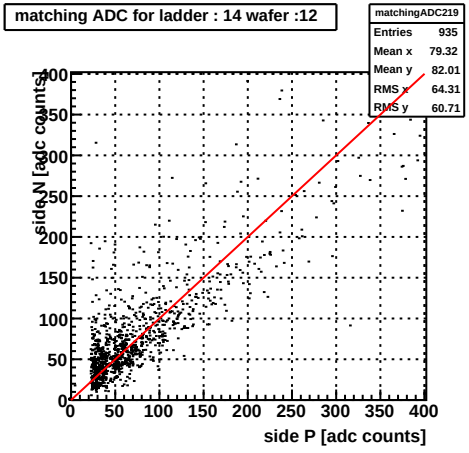

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 912
Mean x 74.25
Mean y 65.81
RMS x 60.74
RMS y 51.33
side N [adc counts]
side P [adc counts]

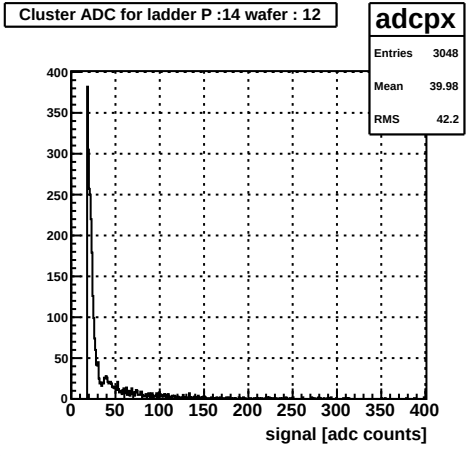

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3098
Mean 48.24
RMS 51.75
signal [adc counts]

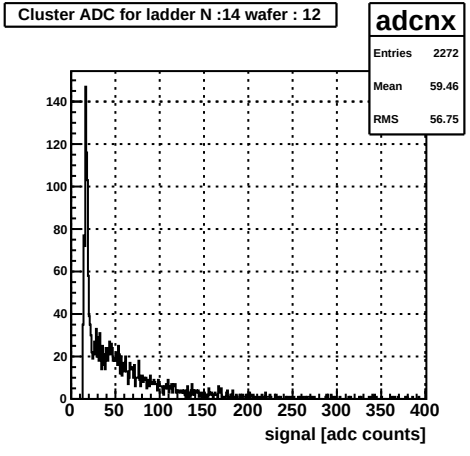

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7118
Mean 30.47
RMS 31.72
signal [adc counts]

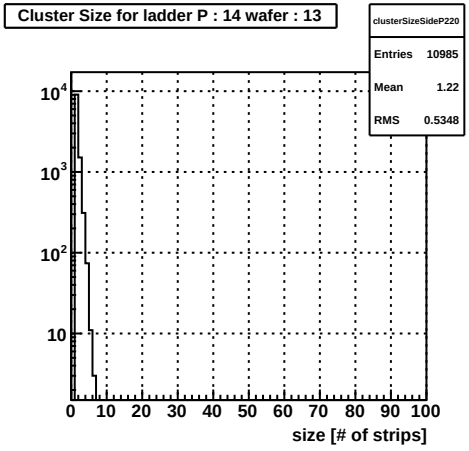

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3048
Mean 1.156
RMS 0.4571
size [# of strips]

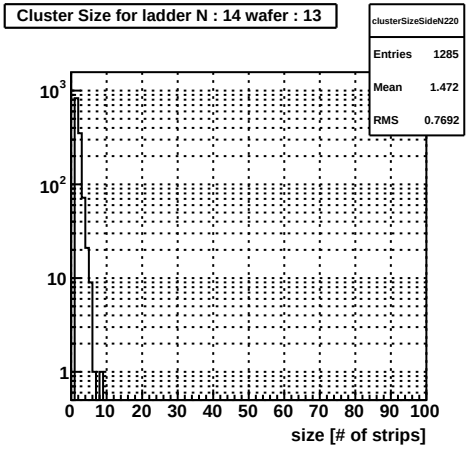

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2272
Mean 1.423
RMS 0.7407
size [# of strips]

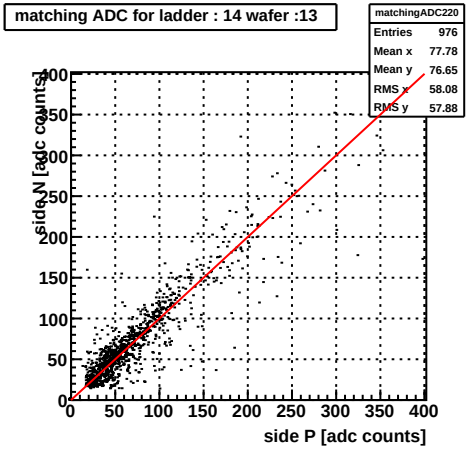

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 935
Mean x 79.32
Mean y 82.01
RMS x 64.31
RMS y 60.71
side N [adc counts]
side P [adc counts]

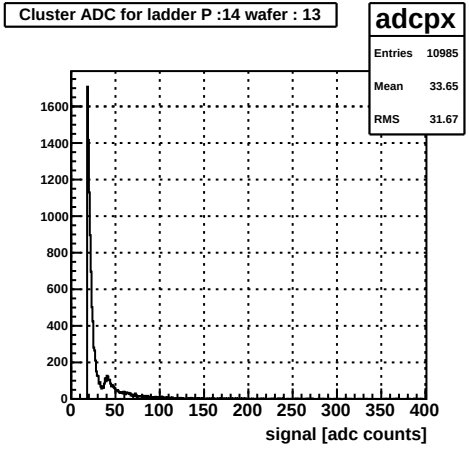

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3048
Mean 39.98
RMS 42.2
signal [adc counts]

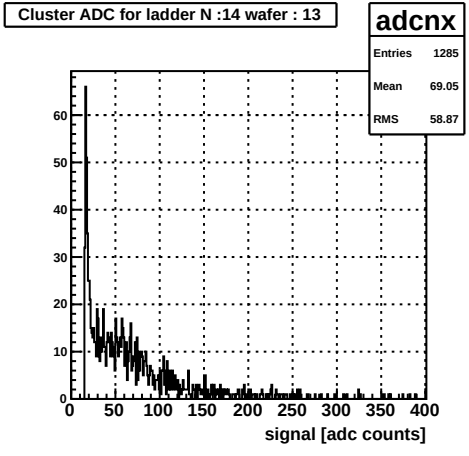

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2272
Mean 59.46
RMS 56.75
signal [adc counts]

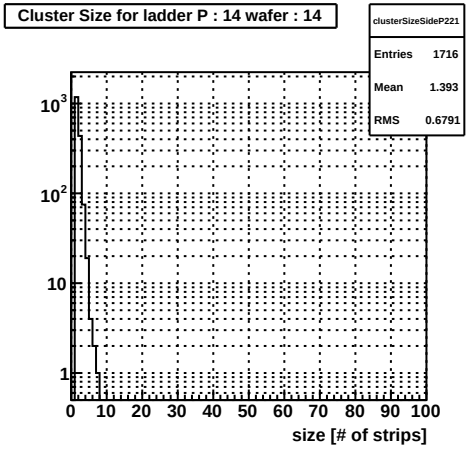

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10985
Mean 1.22
RMS 0.5348
size [# of strips]

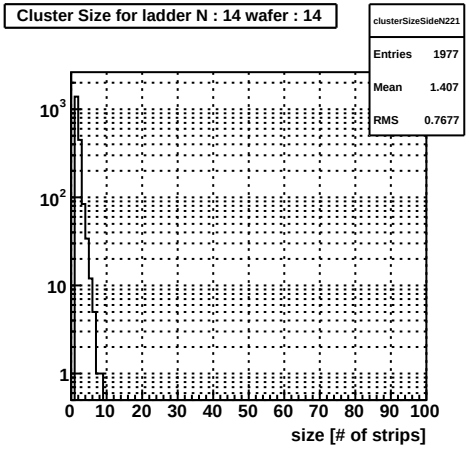

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1285
Mean 1.472
RMS 0.7692
size [# of strips]

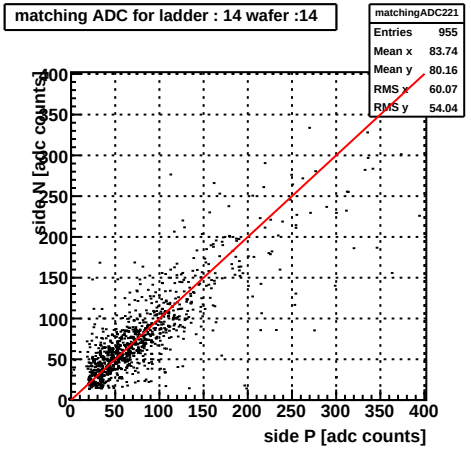

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 976
Mean x 77.78
Mean y 76.65
RMS x 58.08
RMS y 57.88
side N [adc counts]
side P [adc counts]

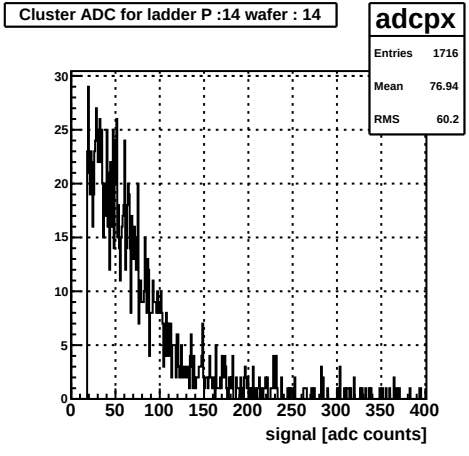

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10985
Mean 33.65
RMS 31.67
signal [adc counts]

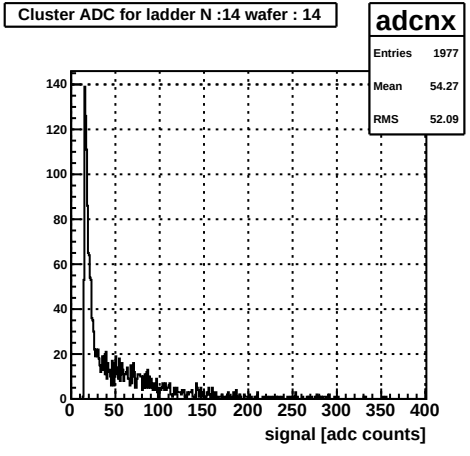

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1285
Mean 69.05
RMS 58.87
signal [adc counts]

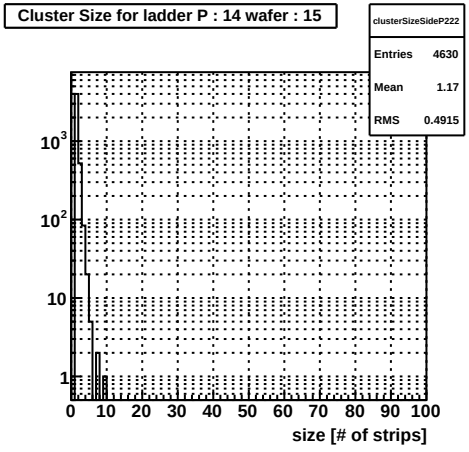

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1716
Mean 1.393
RMS 0.6791
size [# of strips]

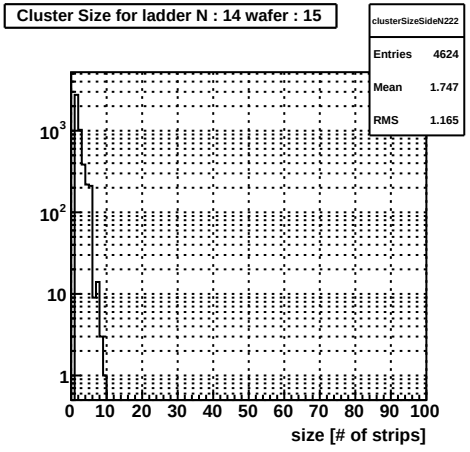

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1977
Mean 1.407
RMS 0.7677
size [# of strips]

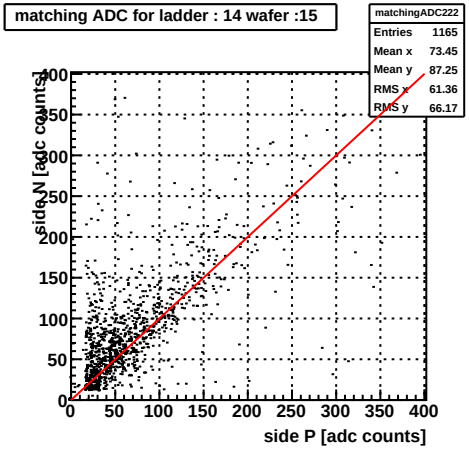

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 955
Mean x 83.74
Mean y 80.16
RMS x 60.07
RMS y 54.04
side N [adc counts]
side P [adc counts]

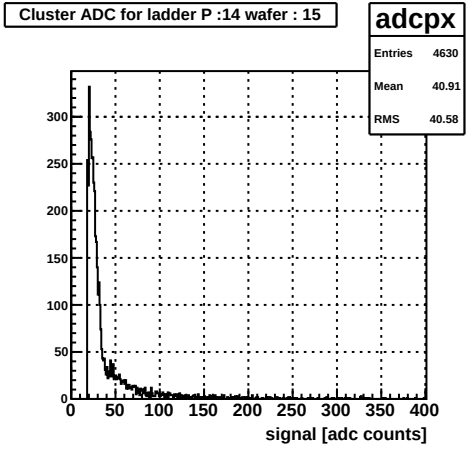

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1716
Mean 76.94
RMS 60.2
signal [adc counts]

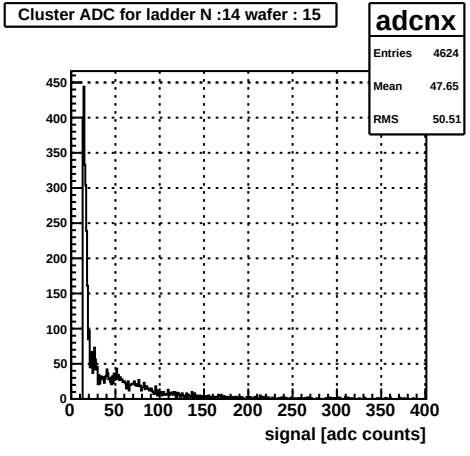

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1977
Mean 54.27
RMS 52.09
signal [adc counts]

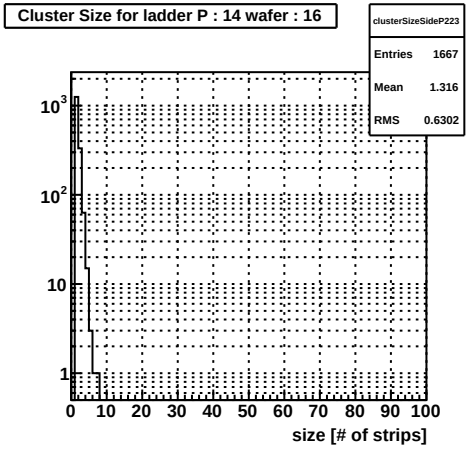

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 4630
Mean 1.17
RMS 0.4915
size [# of strips]

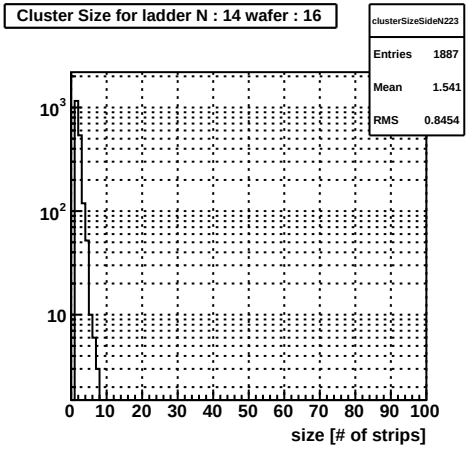

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4624
Mean 1.747
RMS 1.165
size [# of strips]

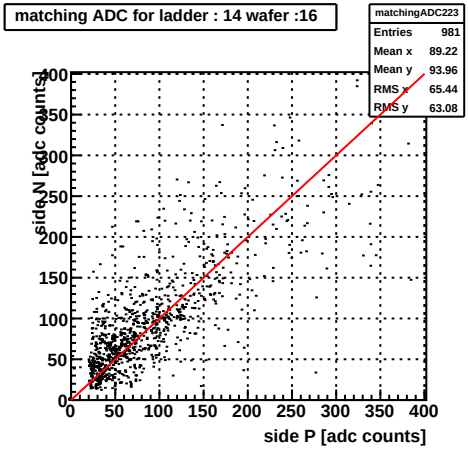

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1165
Mean x 73.45
Mean y 87.25
RMS x 61.36
RMS y 66.17
side N [adc counts]
side P [adc counts]

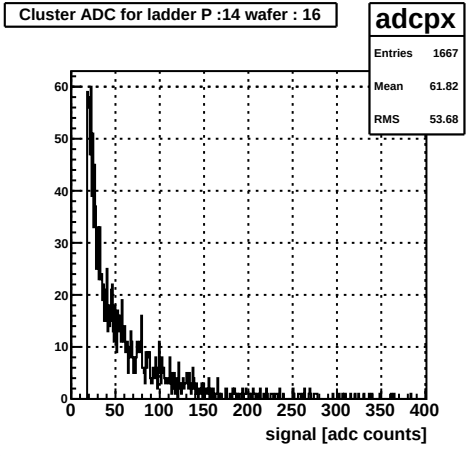

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 4630
Mean 40.91
RMS 40.58
signal [adc counts]

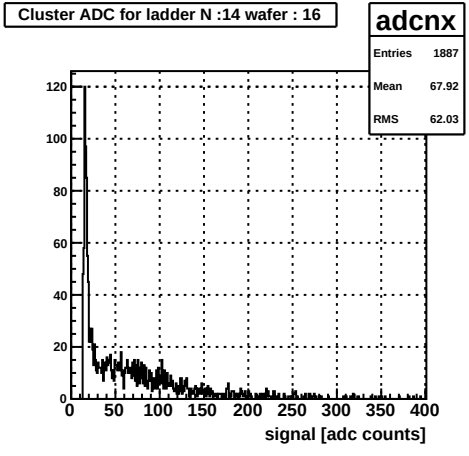

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4624
Mean 47.65
RMS 50.51
signal [adc counts]

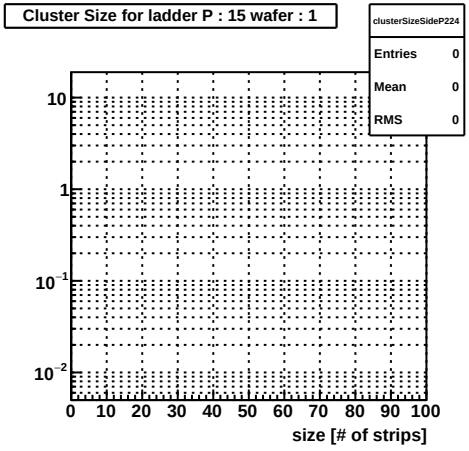

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1667
Mean 1.316
RMS 0.6302
size [# of strips]

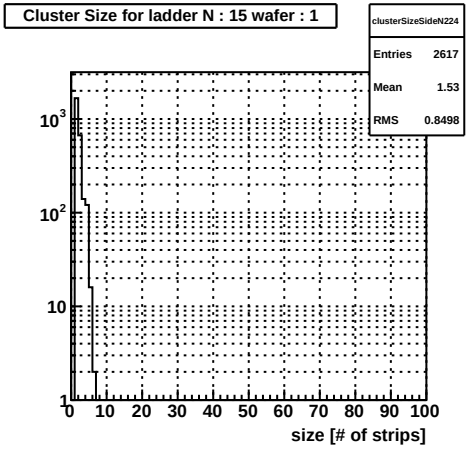

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1887
Mean 1.541
RMS 0.8454
size [# of strips]

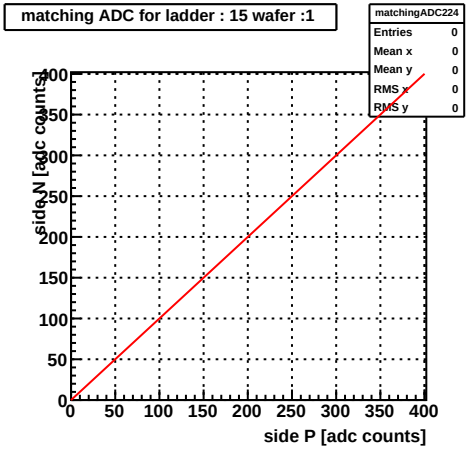

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 981
Mean x 89.22
Mean y 93.96
RMS x 65.44
RMS y 63.08
side N [adc counts]
side P [adc counts]

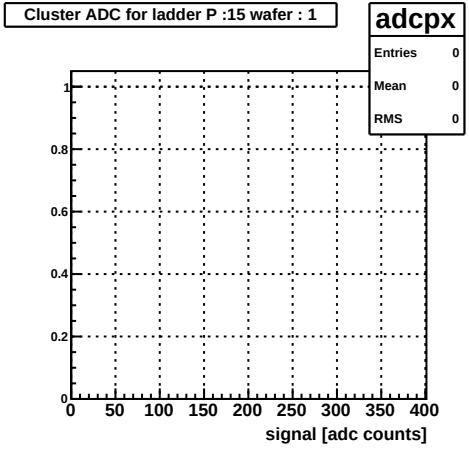

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1667
Mean 61.82
RMS 53.68
signal [adc counts]

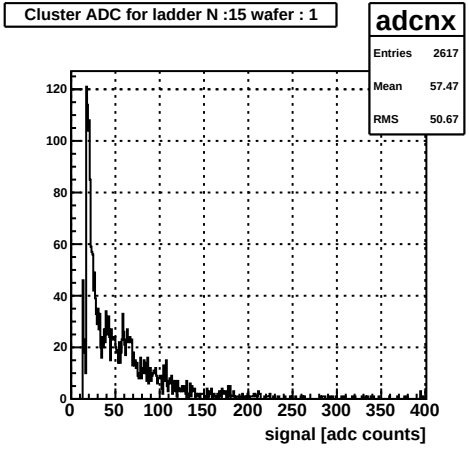

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1887
Mean 67.92
RMS 62.03
signal [adc counts]

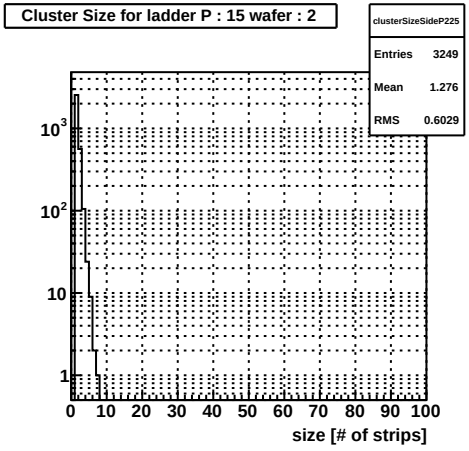

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

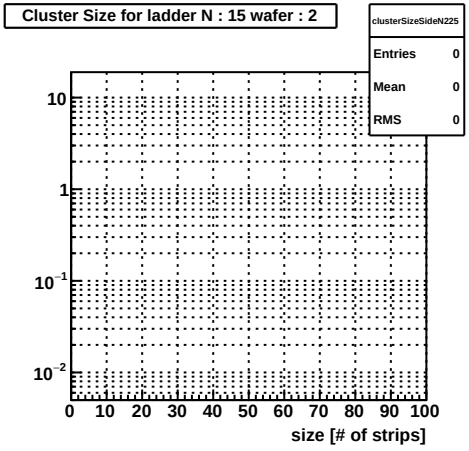

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2617
Mean 1.53
RMS 0.8498
size [# of strips]

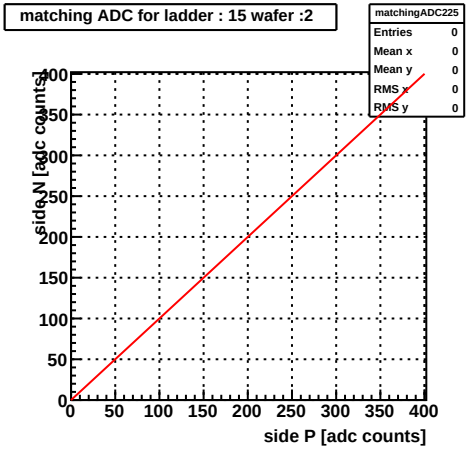

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

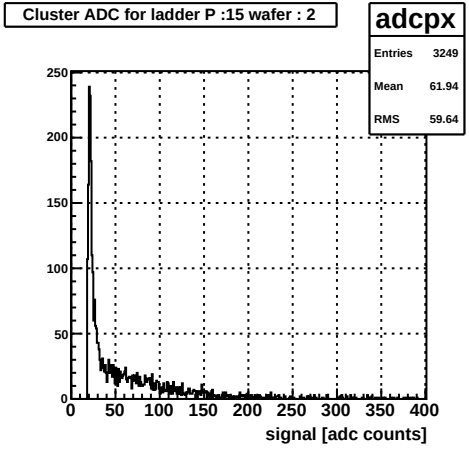

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

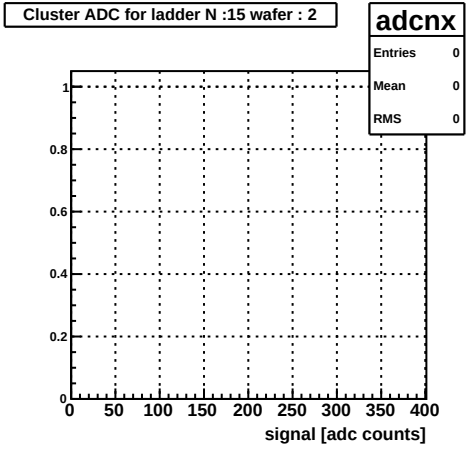

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2617
Mean 57.47
RMS 50.67
signal [adc counts]

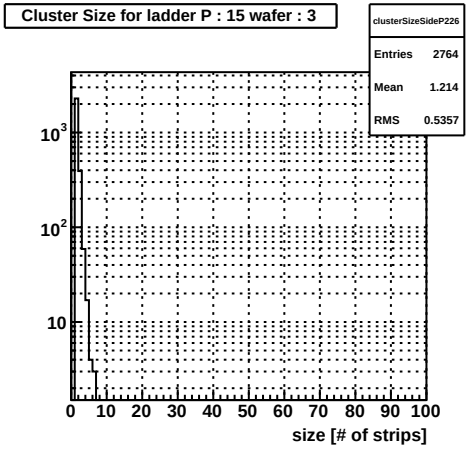

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3249
Mean 1.276
RMS 0.6029
size [# of strips]

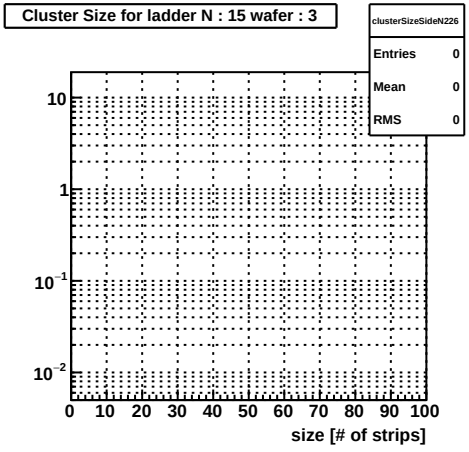

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

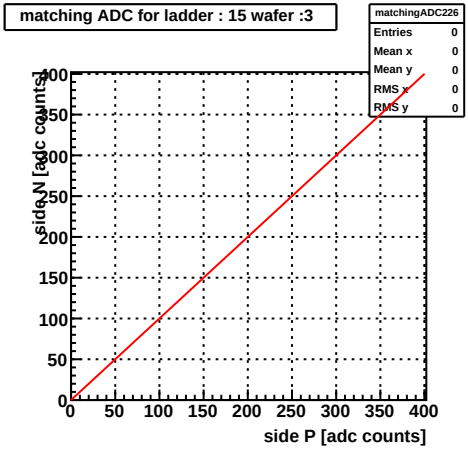

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

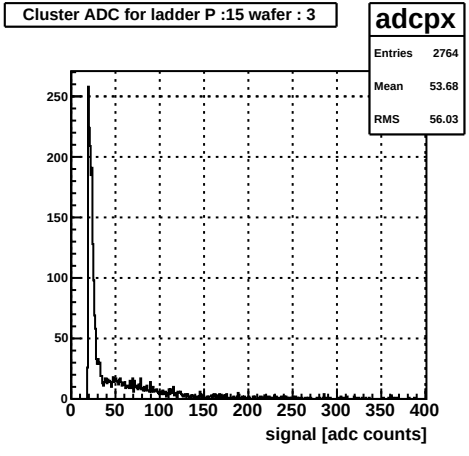

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3249
Mean 61.94
RMS 59.64
signal [adc counts]

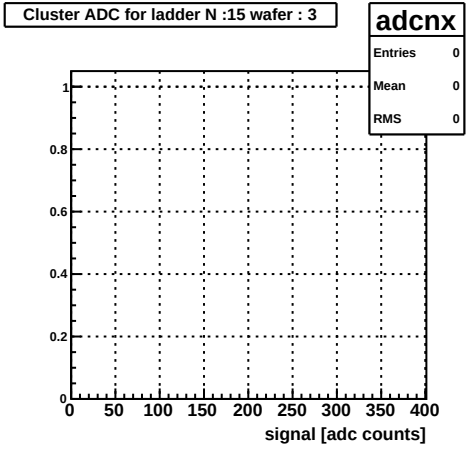

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

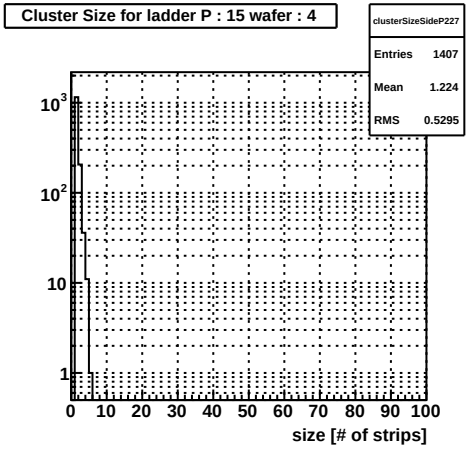

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2764
Mean 1.214
RMS 0.5357
size [# of strips]

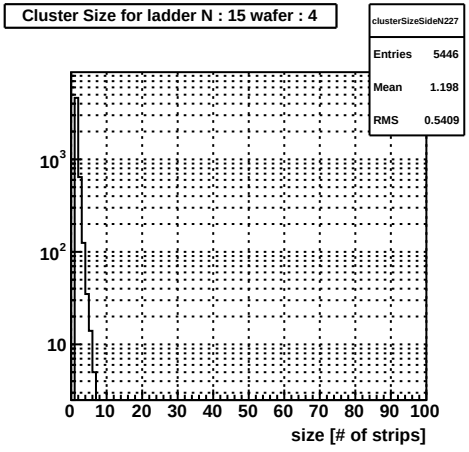

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

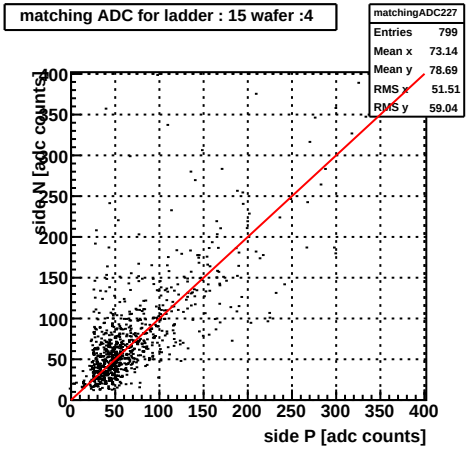

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

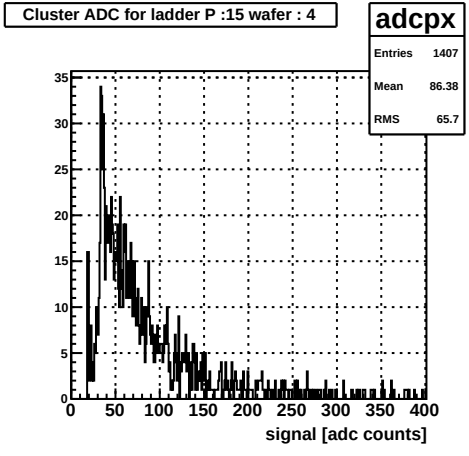

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2764
Mean 53.68
RMS 56.03
signal [adc counts]

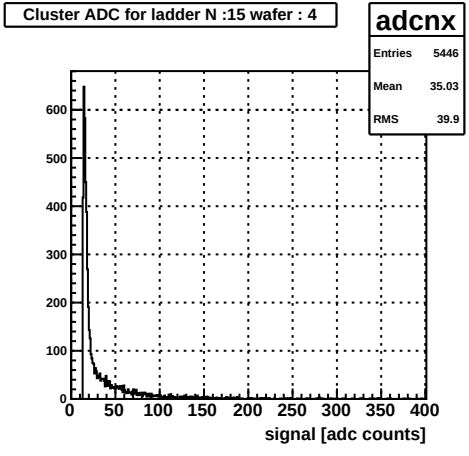

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

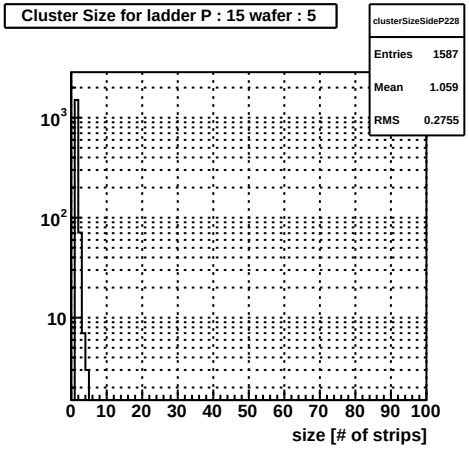

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1407
Mean 1.224
RMS 0.5295
size [# of strips]

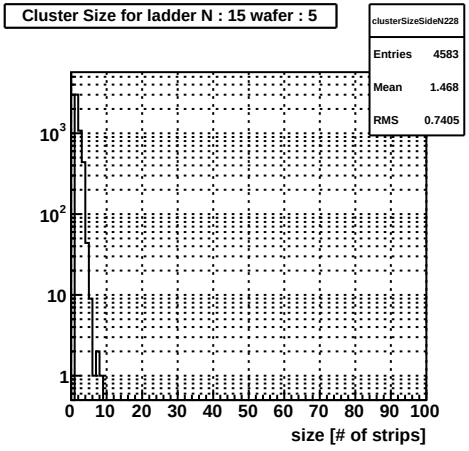

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5446
Mean 1.198
RMS 0.5409
size [# of strips]

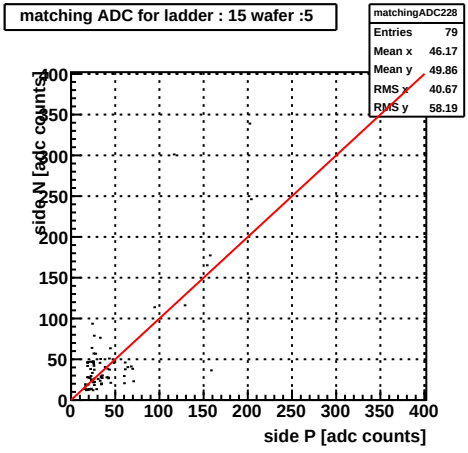

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 799
Mean x 73.14
Mean y 78.69
RMS x 51.51
RMS y 59.04
side N [adc counts]
side P [adc counts]

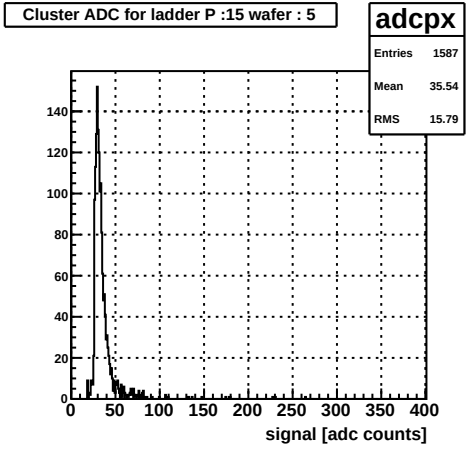

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1407
Mean 86.38
RMS 65.7
signal [adc counts]

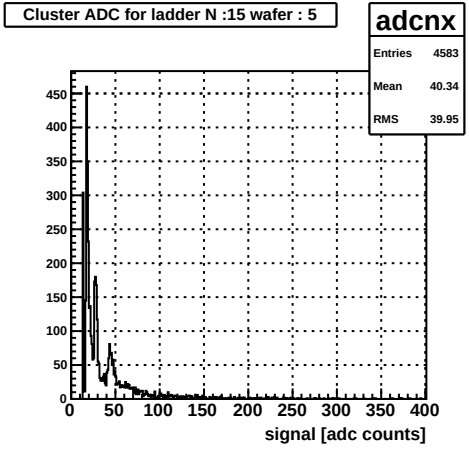

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5446
Mean 35.03
RMS 39.9
signal [adc counts]

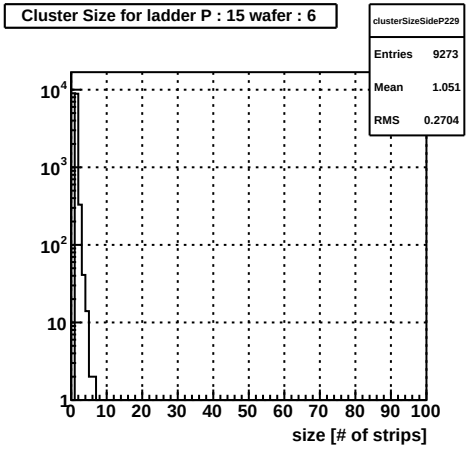

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1587
Mean 1.059
RMS 0.2755
size [# of strips]

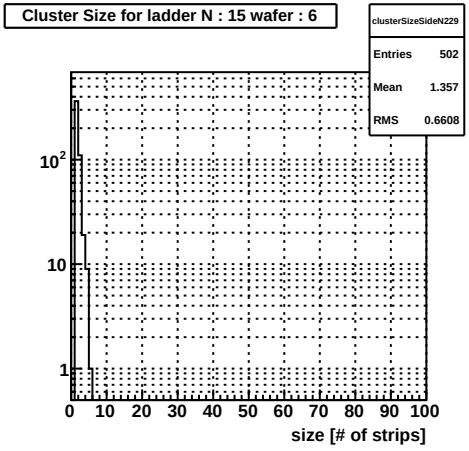

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 4583
Mean 1.468
RMS 0.7405
size [# of strips]

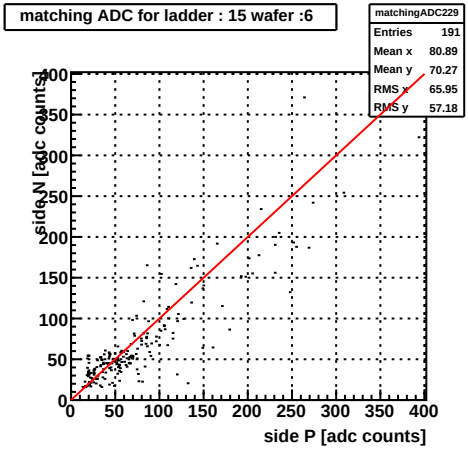

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 79
Mean x 46.17
Mean y 49.86
RMS x 40.67
RMS y 58.19
side N [adc counts]
side P [adc counts]

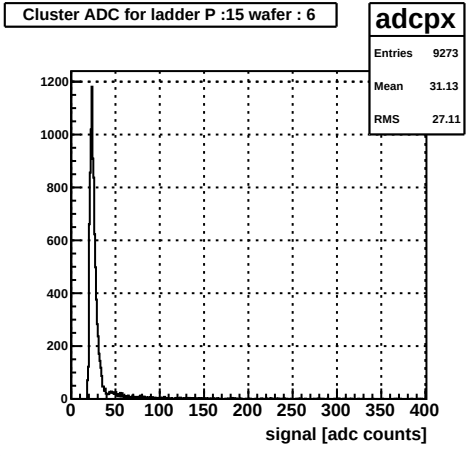

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1587
Mean 35.54
RMS 15.79
signal [adc counts]

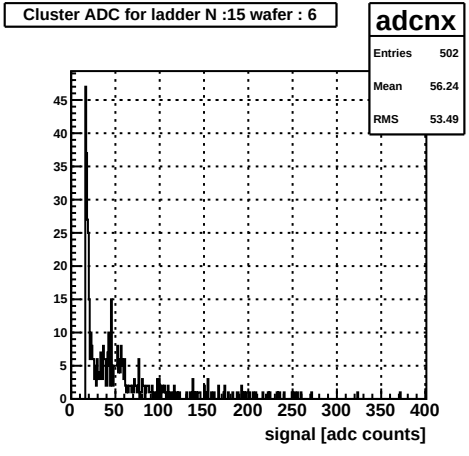

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 4583
Mean 40.34
RMS 39.95
signal [adc counts]

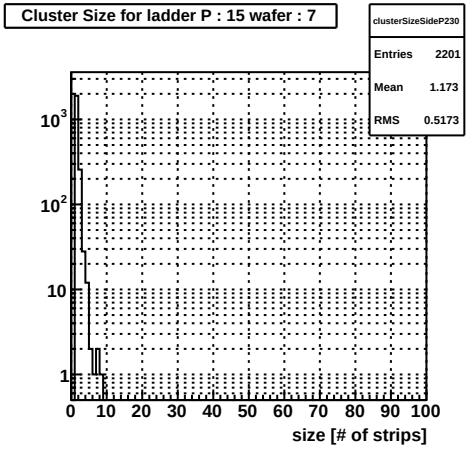

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9273
Mean 1.051
RMS 0.2704
size [# of strips]

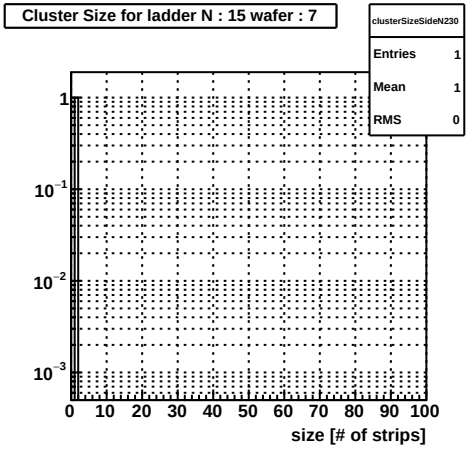

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 502
Mean 1.357
RMS 0.6608
size [# of strips]

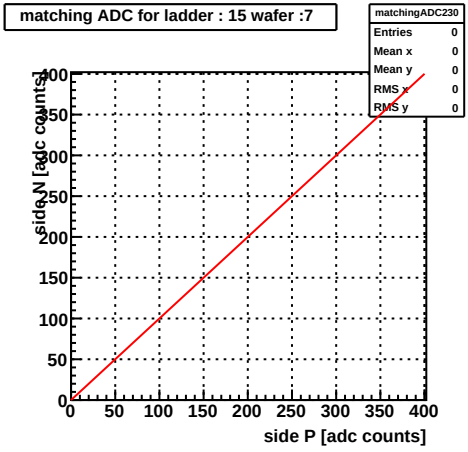

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 191
Mean x 80.89
Mean y 70.27
RMS x 65.95
RMS y 57.18
side N [adc counts]
side P [adc counts]

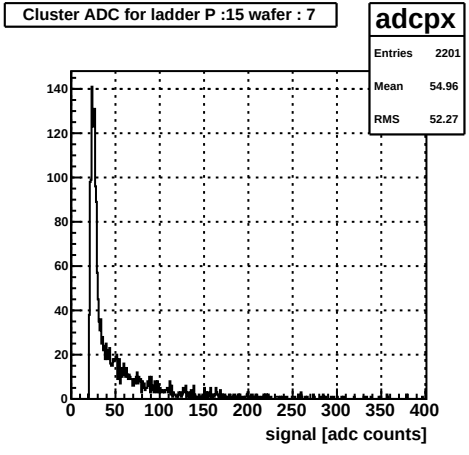

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9273
Mean 31.13
RMS 27.11
signal [adc counts]

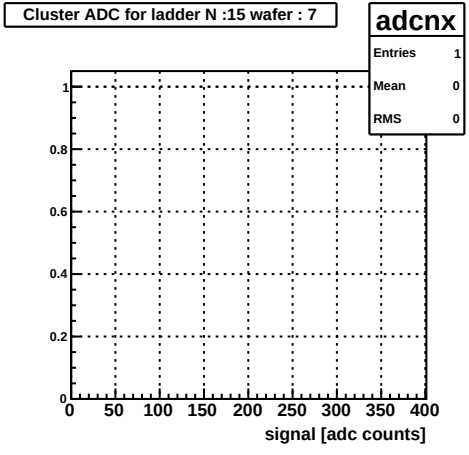

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 502
Mean 56.24
RMS 53.49
signal [adc counts]

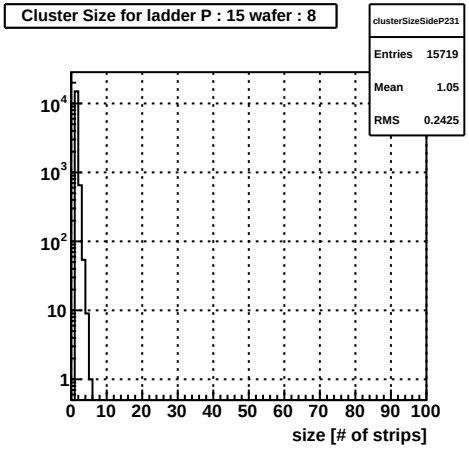

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2201
Mean 1.173
RMS 0.5173
size [# of strips]

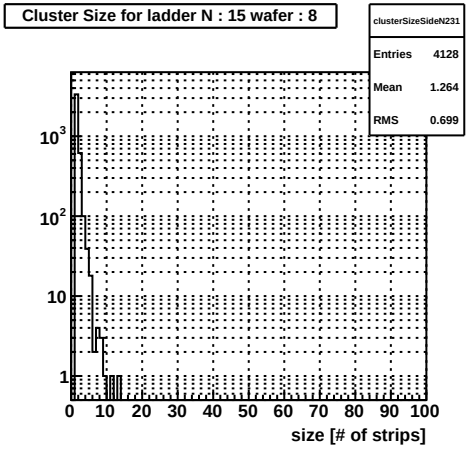

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

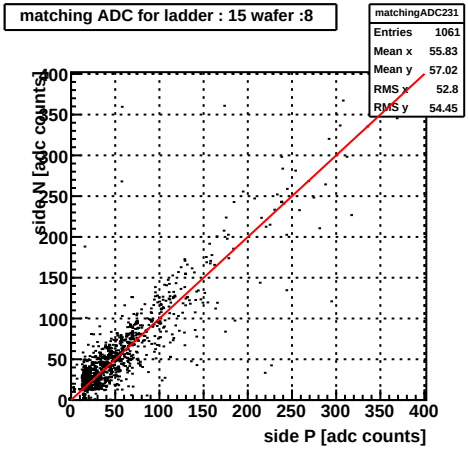

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

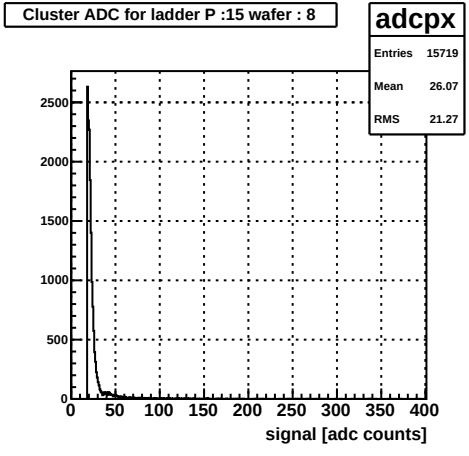

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2201
Mean 54.96
RMS 52.27
signal [adc counts]

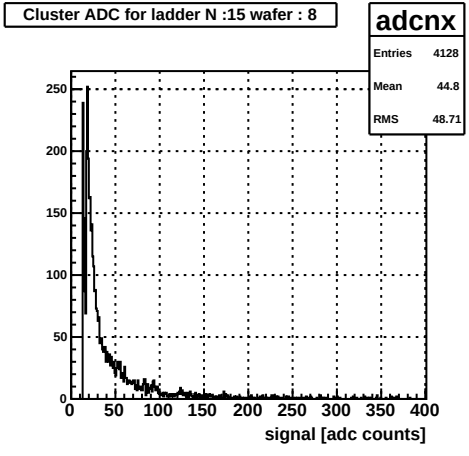

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

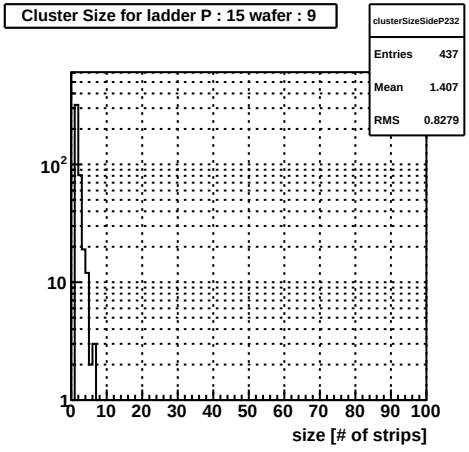

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 15719
Mean 1.05
RMS 0.2425
size [# of strips]

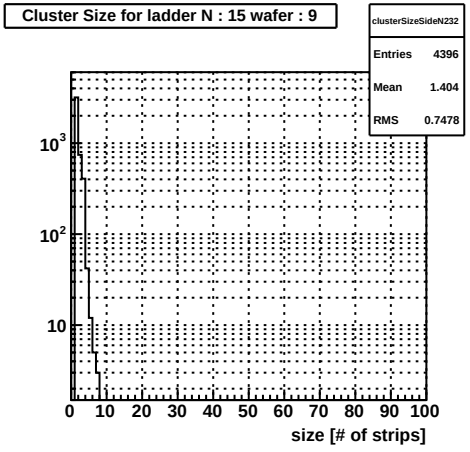

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4128
Mean 1.264
RMS 0.699
size [# of strips]

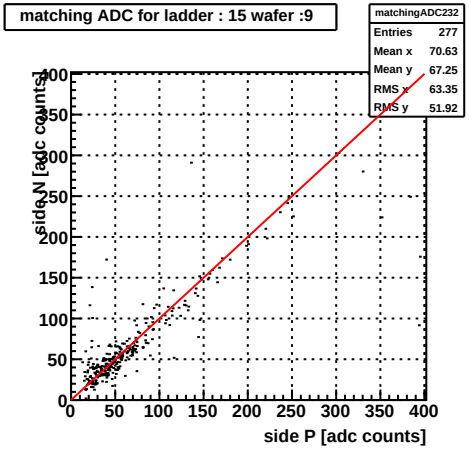

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1061
Mean x 55.83
Mean y 57.02
RMS x 52.8
RMS y 54.45
side N [adc counts]
side P [adc counts]

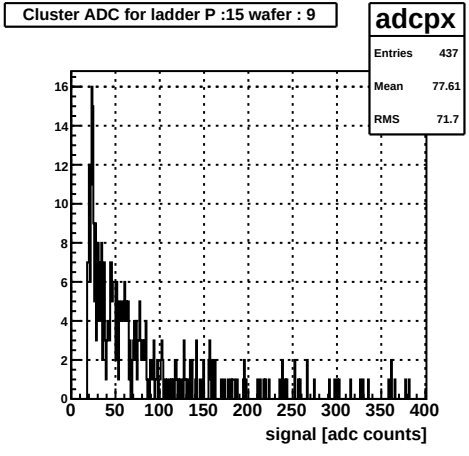

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 15719
Mean 26.07
RMS 21.27
signal [adc counts]

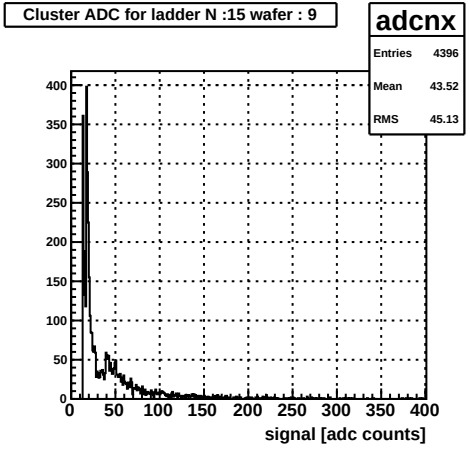

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4128
Mean 44.8
RMS 48.71
signal [adc counts]

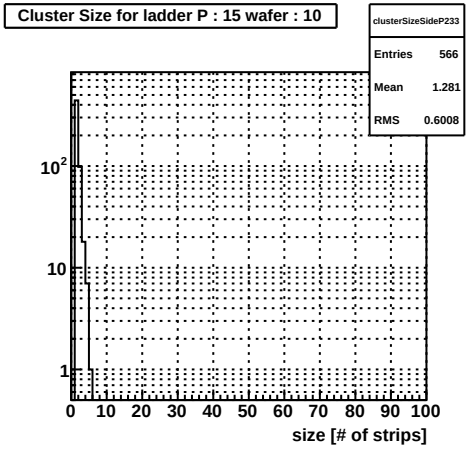

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 437
Mean 1.407
RMS 0.8279
size [# of strips]

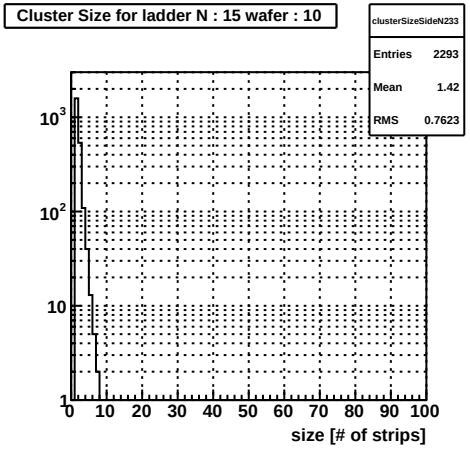

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4396
Mean 1.404
RMS 0.7478
size [# of strips]

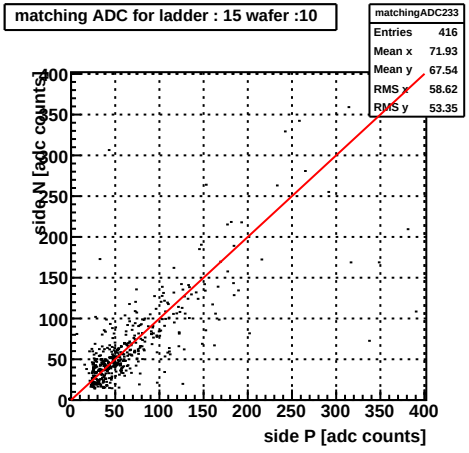

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 277
Mean x 70.63
Mean y 67.25
RMS x 63.35
RMS y 51.92
side N [adc counts]
side P [adc counts]

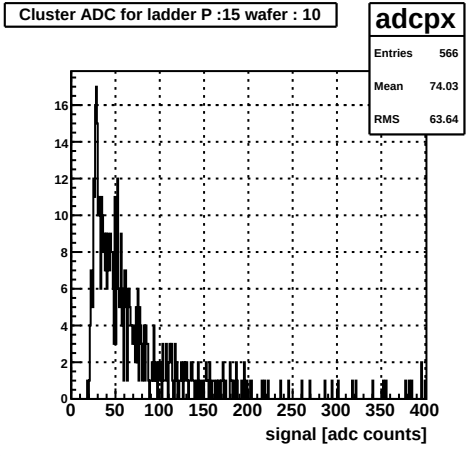

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 437
Mean 77.61
RMS 71.7
signal [adc counts]

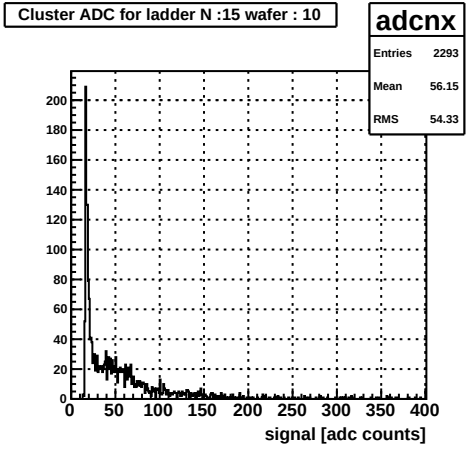

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4396
Mean 43.52
RMS 45.13
signal [adc counts]

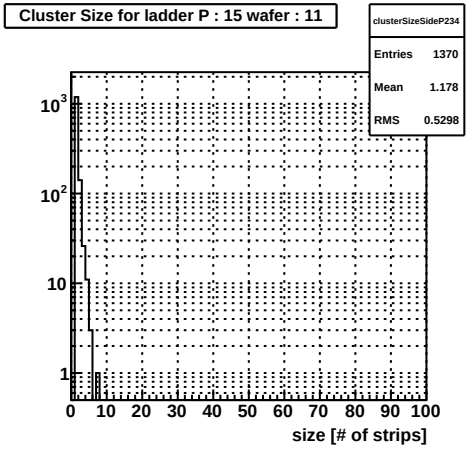

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 566
Mean 1.281
RMS 0.6008
size [# of strips]

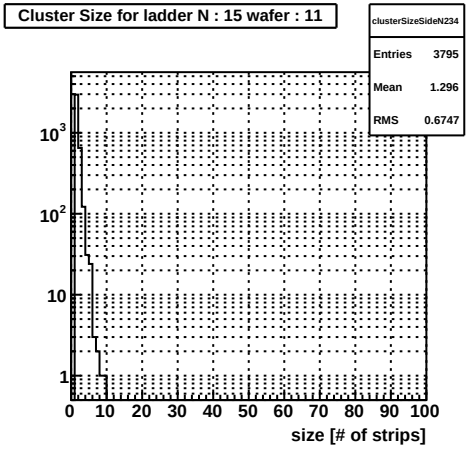

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2293
Mean 1.42
RMS 0.7623
size [# of strips]

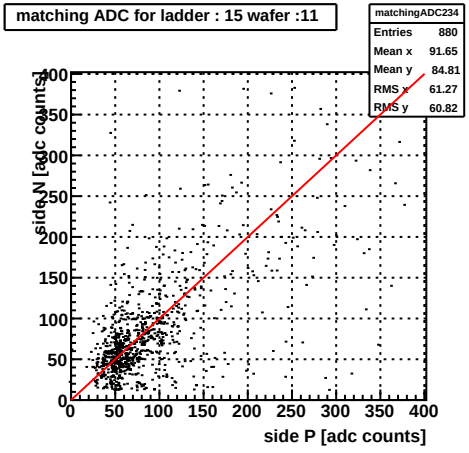

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 416
Mean x 71.93
Mean y 67.54
RMS x 58.62
RMS y 53.35
side N [adc counts]
side P [adc counts]

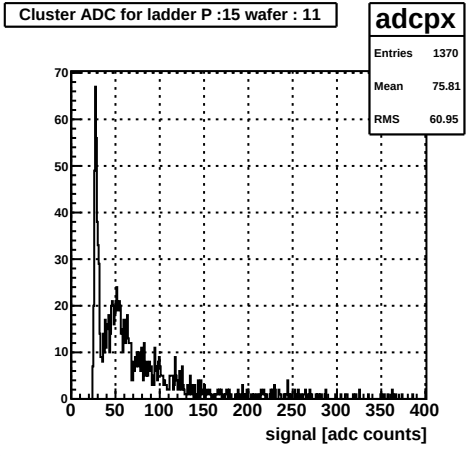

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 566
Mean 74.03
RMS 63.64
signal [adc counts]

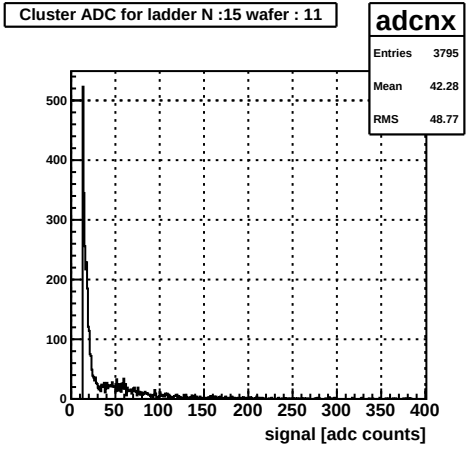

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2293
Mean 56.15
RMS 54.33
signal [adc counts]

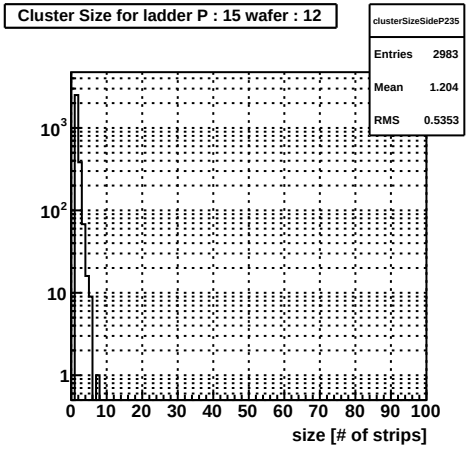

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 1370
Mean 1.178
RMS 0.5298
size [# of strips]

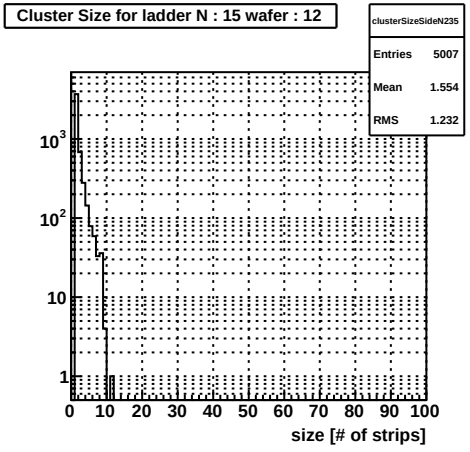

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3795
Mean 1.296
RMS 0.6747
size [# of strips]

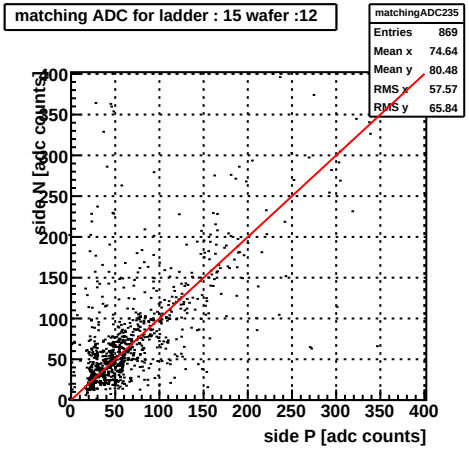

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 880
Mean x 91.65
Mean y 84.81
RMS x 61.27
RMS y 60.82
side N [adc counts]
side P [adc counts]

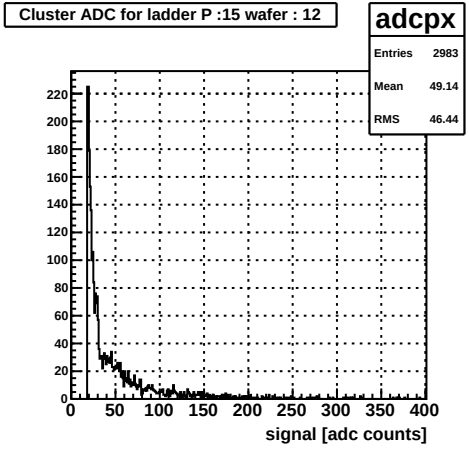

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 1370
Mean 75.81
RMS 60.95
signal [adc counts]

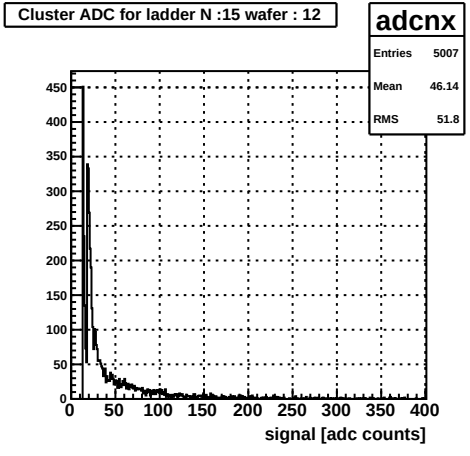

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3795
Mean 42.28
RMS 48.77
signal [adc counts]

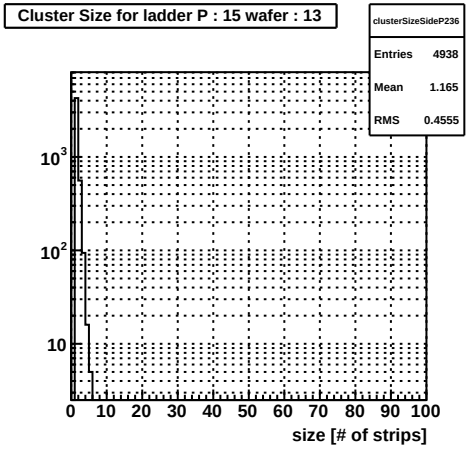

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2983
Mean 1.204
RMS 0.5353
size [# of strips]

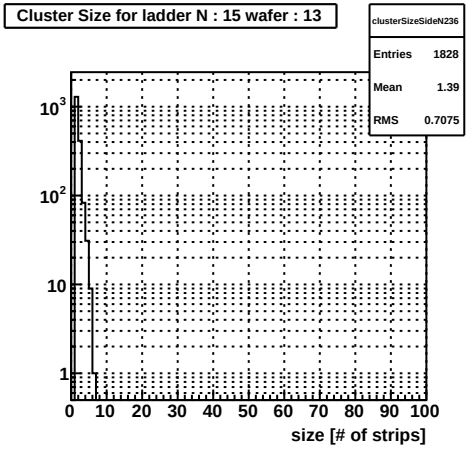

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5007
Mean 1.554
RMS 1.232
size [# of strips]

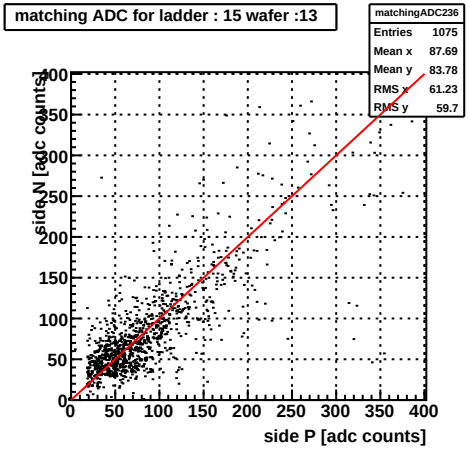

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 869
Mean x 74.64
Mean y 80.48
RMS x 57.57
RMS y 65.84
side N [adc counts]
side P [adc counts]

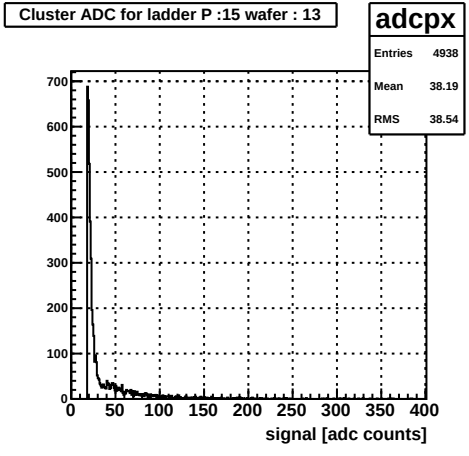

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2983
Mean 49.14
RMS 46.44
signal [adc counts]

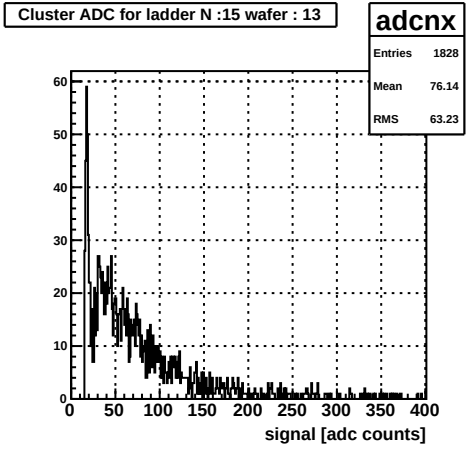

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5007
Mean 46.14
RMS 51.8
signal [adc counts]

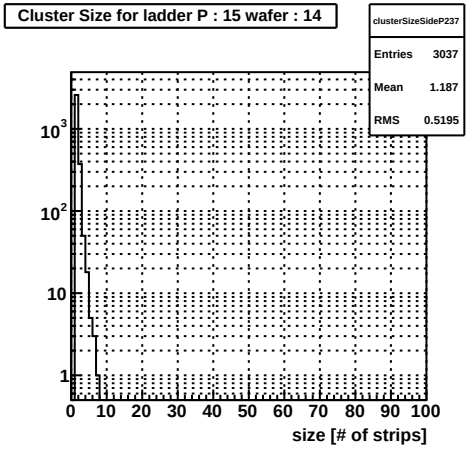

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4938
Mean 1.165
RMS 0.4555
size [# of strips]

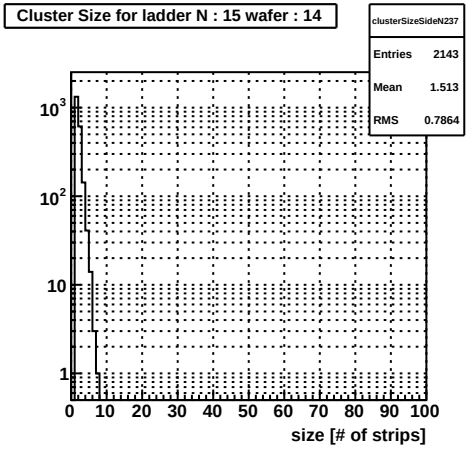

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1828
Mean 1.39
RMS 0.7075
size [# of strips]

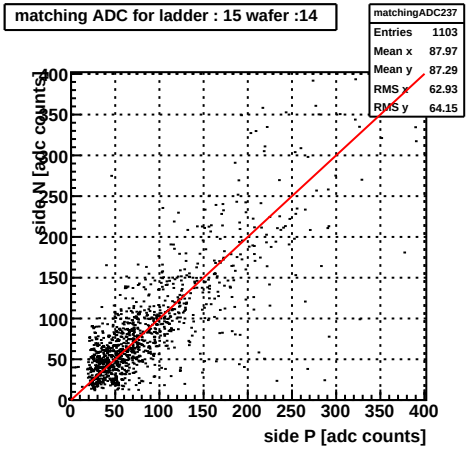

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1075
Mean x 87.69
Mean y 83.78
RMS x 61.23
RMS y 59.7
side N [adc counts]
side P [adc counts]

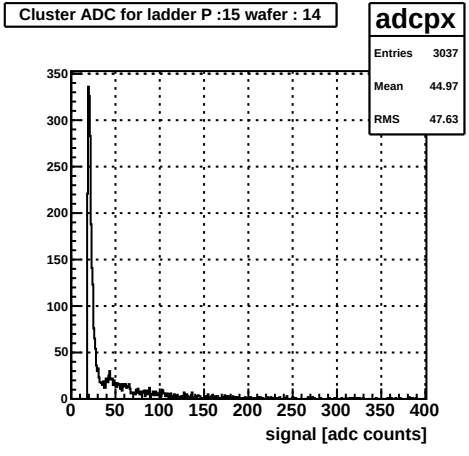

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4938
Mean 38.19
RMS 38.54
signal [adc counts]

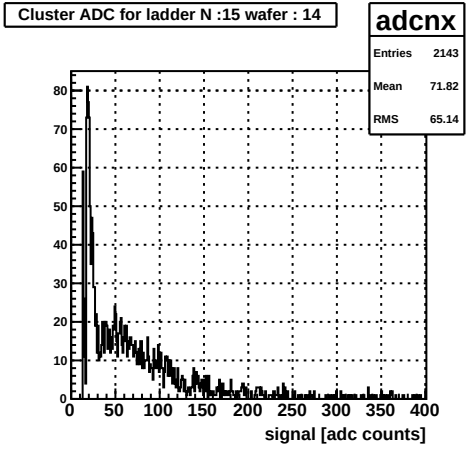

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1828
Mean 76.14
RMS 63.23
signal [adc counts]

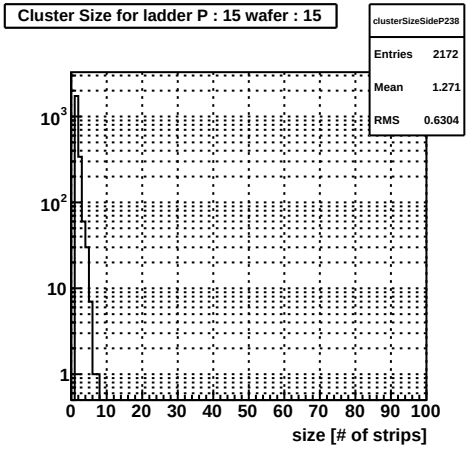

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3037
Mean 1.187
RMS 0.5195
size [# of strips]

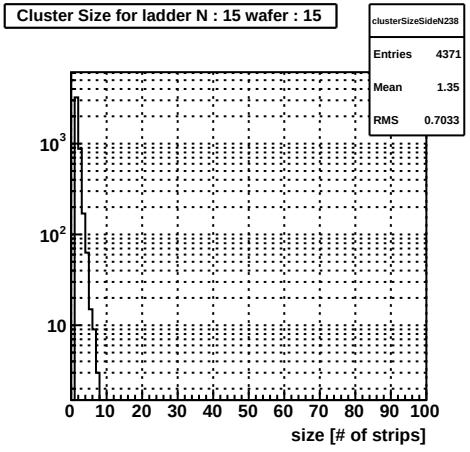

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2143
Mean 1.513
RMS 0.7864
size [# of strips]

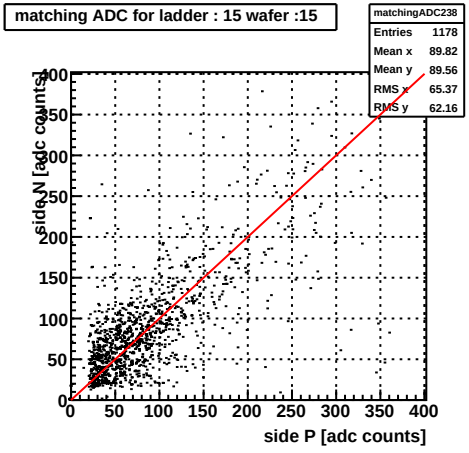

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1103
Mean x 87.97
Mean y 87.29
RMS x 62.93
RMS y 64.15
side N [adc counts]
side P [adc counts]

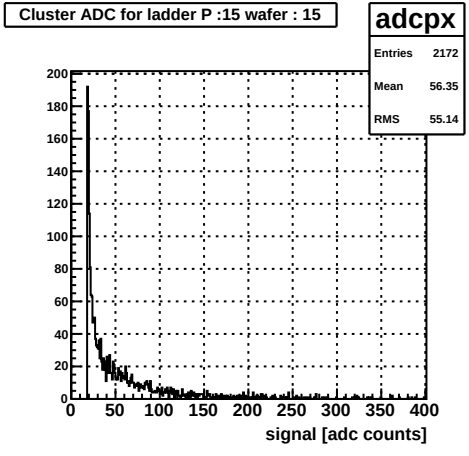

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3037
Mean 44.97
RMS 47.63
signal [adc counts]

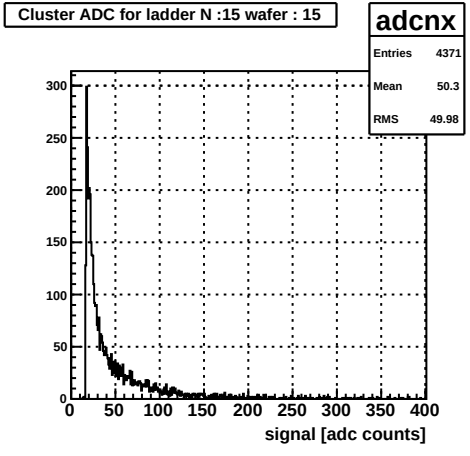

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2143
Mean 71.82
RMS 65.14
signal [adc counts]

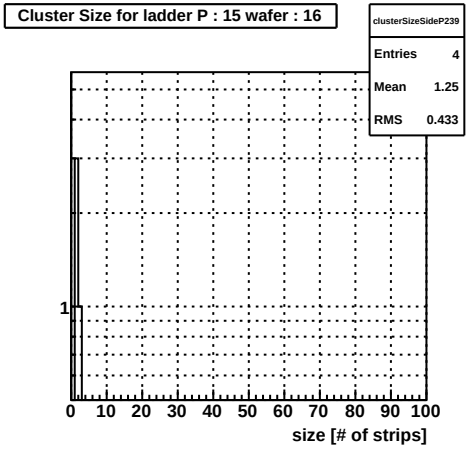

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2172
Mean 1.271
RMS 0.6304
size [# of strips]

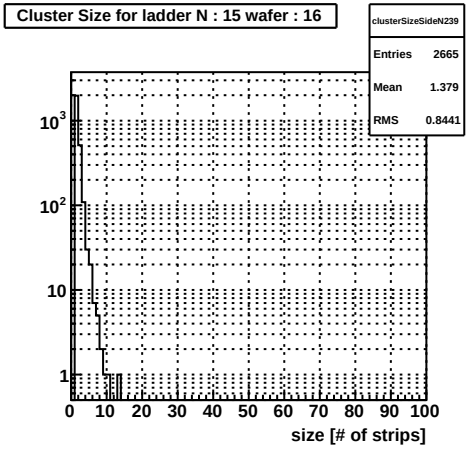

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4371
Mean 1.35
RMS 0.7033
size [# of strips]

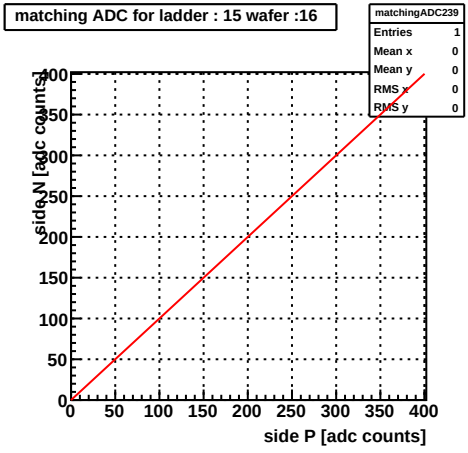

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1178
Mean x 89.82
Mean y 89.56
RMS x 65.37
RMS y 62.16
side N [adc counts]
side P [adc counts]

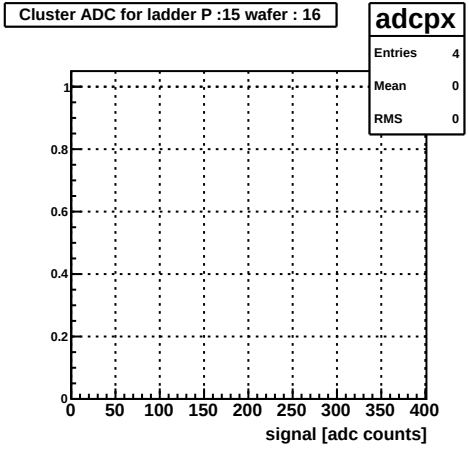

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2172
Mean 56.35
RMS 55.14
signal [adc counts]

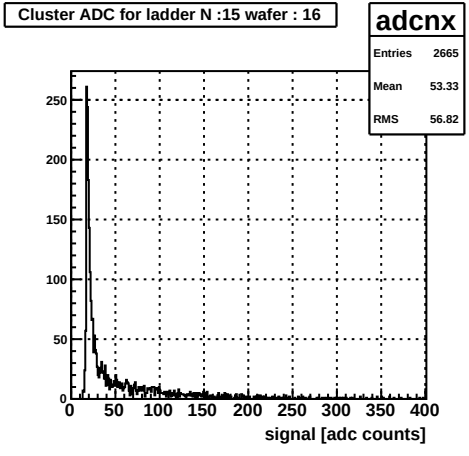

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4371
Mean 50.3
RMS 49.98
signal [adc counts]

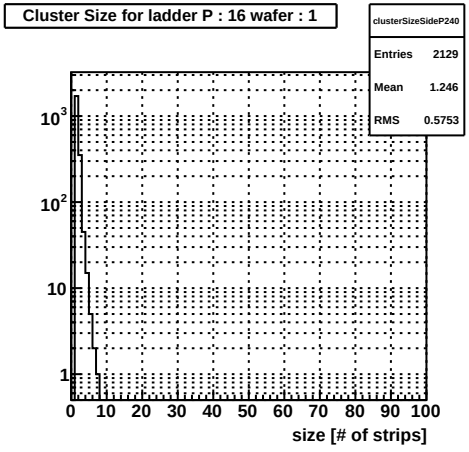

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

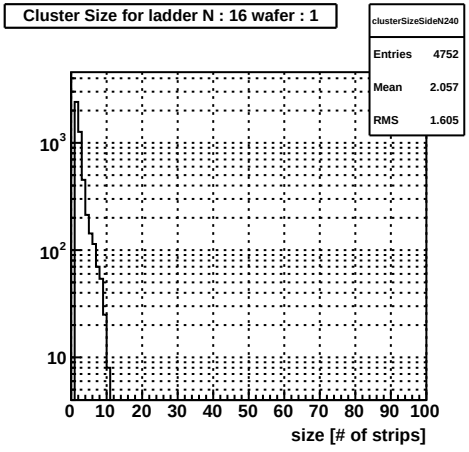

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2665
Mean 1.379
RMS 0.8441
size [# of strips]

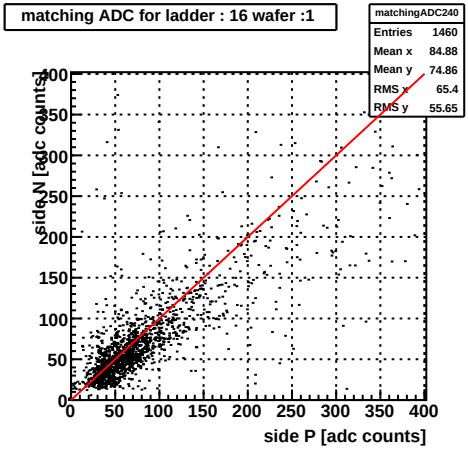

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

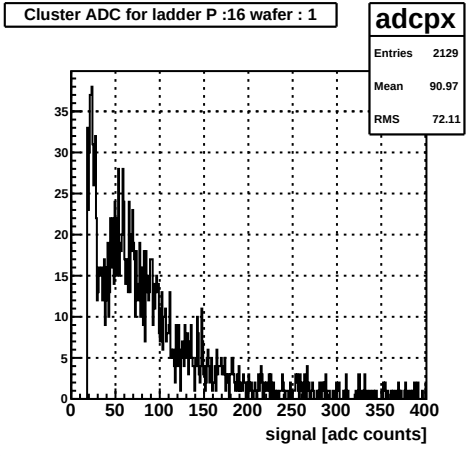

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

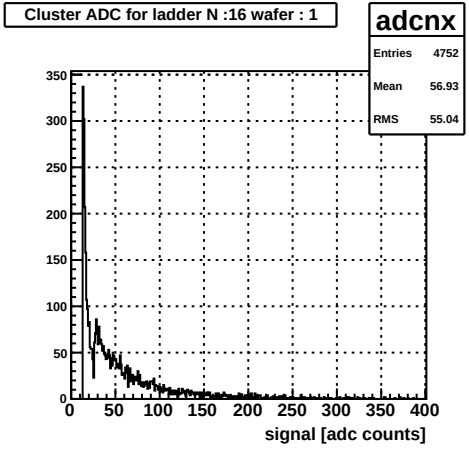

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2665
Mean 53.33
RMS 56.82
signal [adc counts]

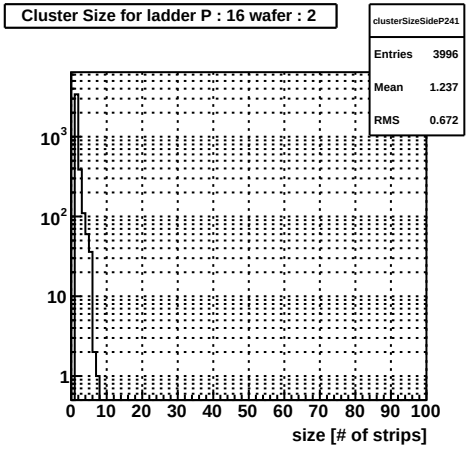

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2129
Mean 1.246
RMS 0.5753
size [# of strips]

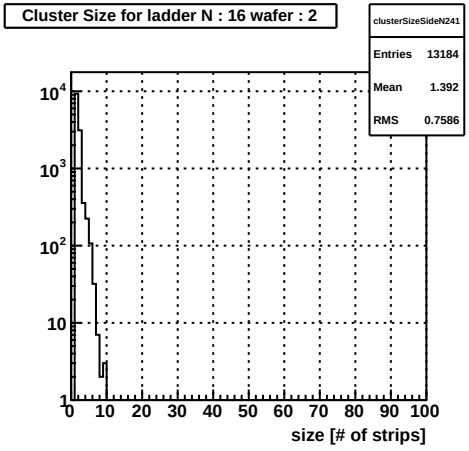

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4752
Mean 2.057
RMS 1.605
size [# of strips]

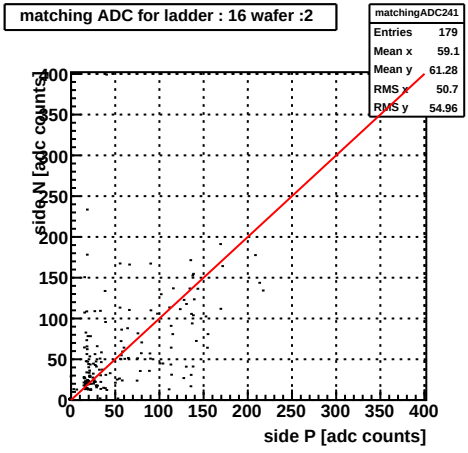

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1460
Mean x 84.88
Mean y 74.86
RMS x 65.4
RMS y 55.65
side N [adc counts]
side P [adc counts]

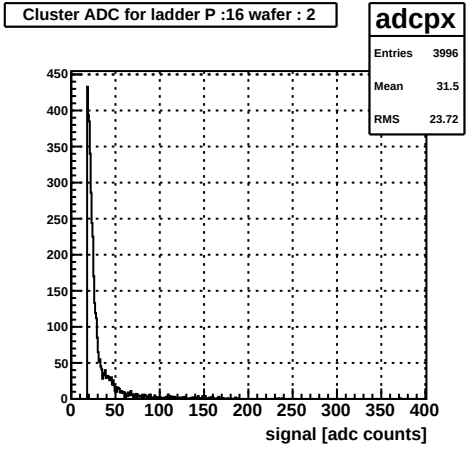

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2129
Mean 90.97
RMS 72.11
signal [adc counts]

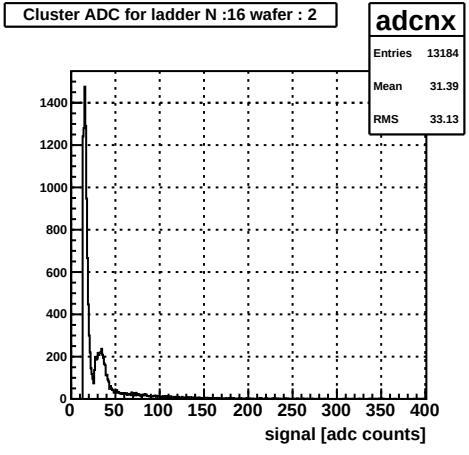

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4752
Mean 56.93
RMS 55.04
signal [adc counts]

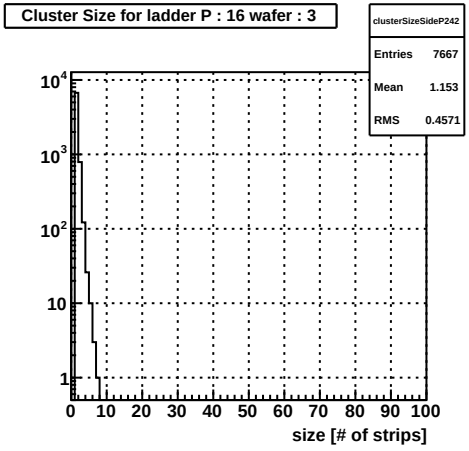

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3996
Mean 1.237
RMS 0.672
size [# of strips]

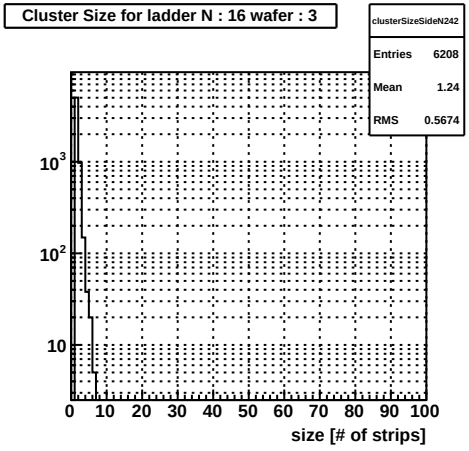

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 13184
Mean 1.392
RMS 0.7586
size [# of strips]

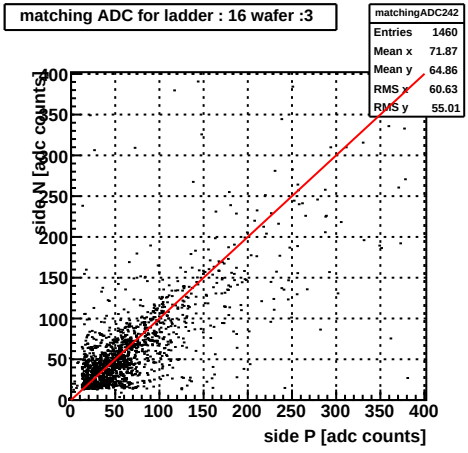

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 179
Mean x 59.1
Mean y 61.28
RMS x 50.7
RMS y 54.96
side N [adc counts]
side P [adc counts]

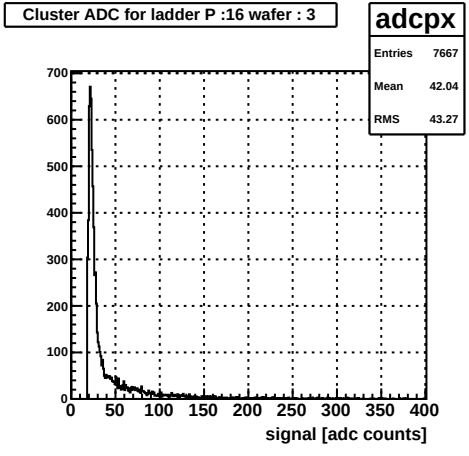

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3996
Mean 31.5
RMS 23.72
signal [adc counts]

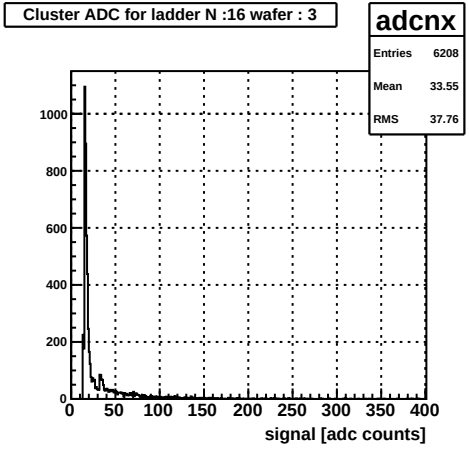

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 13184
Mean 31.39
RMS 33.13
signal [adc counts]

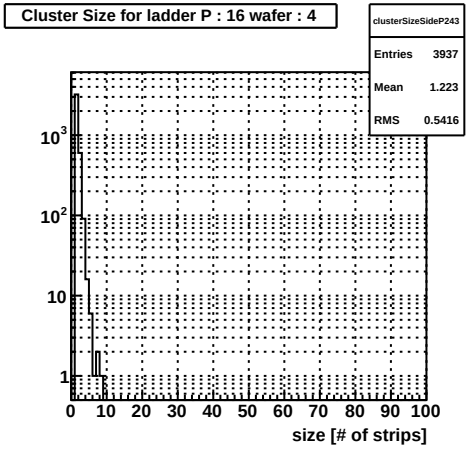

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7667
Mean 1.153
RMS 0.4571
size [# of strips]

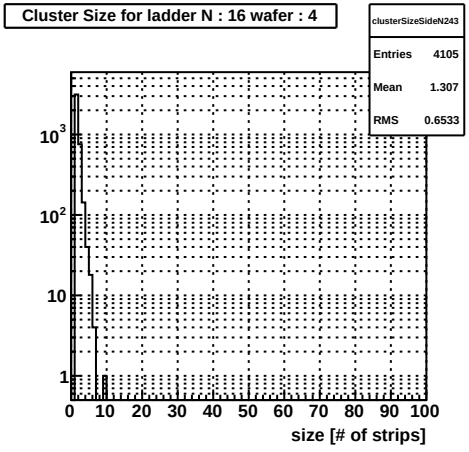

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 6208
Mean 1.24
RMS 0.5674
size [# of strips]

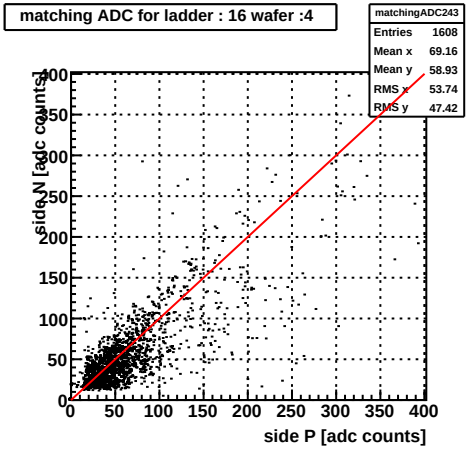

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1460
Mean x 71.87
Mean y 64.86
RMS x 60.63
RMS y 55.01
side N [adc counts]
side P [adc counts]

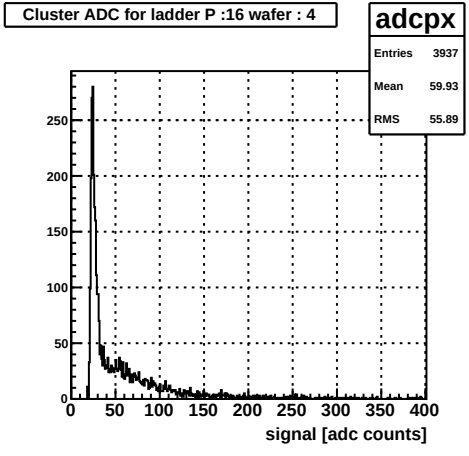

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7667
Mean 42.04
RMS 43.27
signal [adc counts]

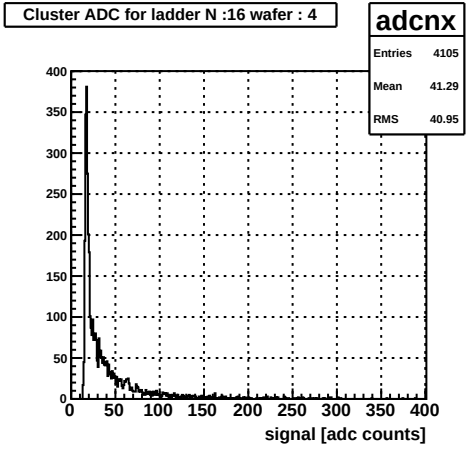

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 6208
Mean 33.55
RMS 37.76
signal [adc counts]

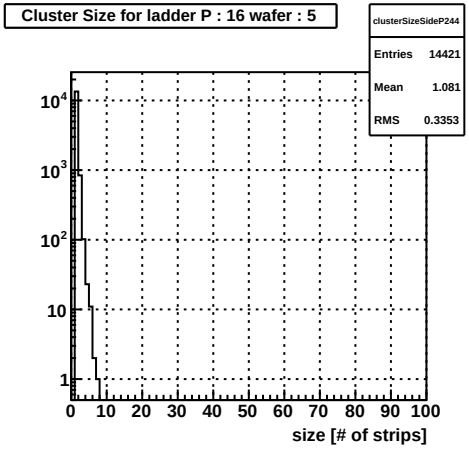

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3937
Mean 1.223
RMS 0.5416
size [# of strips]

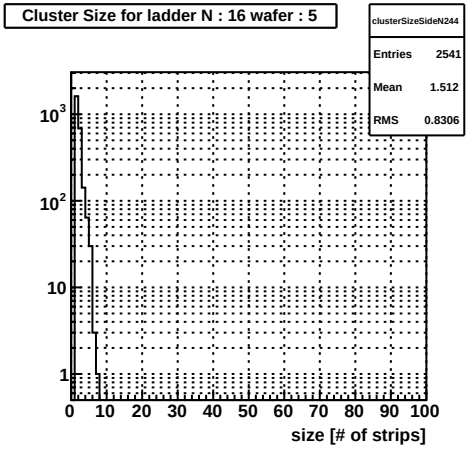

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4105
Mean 1.307
RMS 0.6533
size [# of strips]

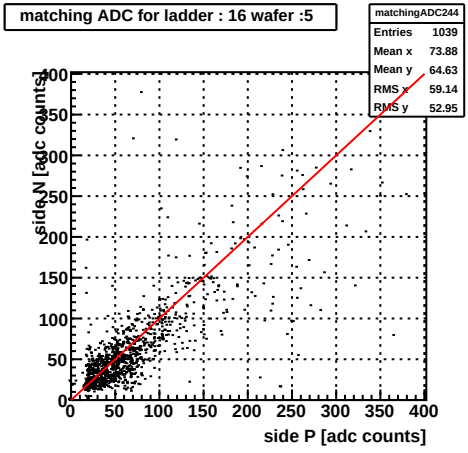

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1608
Mean x 69.16
Mean y 58.93
RMS x 53.74
RMS y 47.42
side N [adc counts]
side P [adc counts]

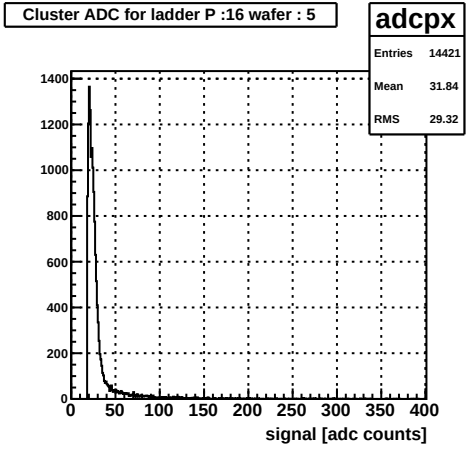

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3937
Mean 59.93
RMS 55.89
signal [adc counts]

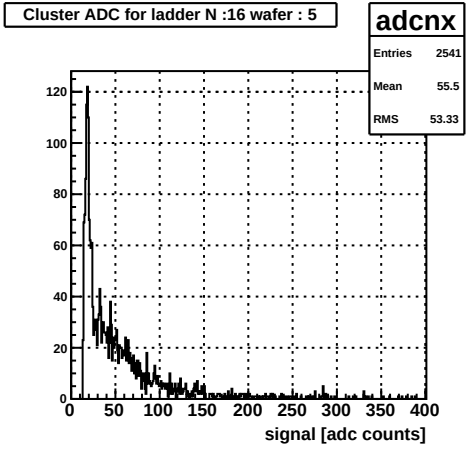

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4105
Mean 41.29
RMS 40.95
signal [adc counts]

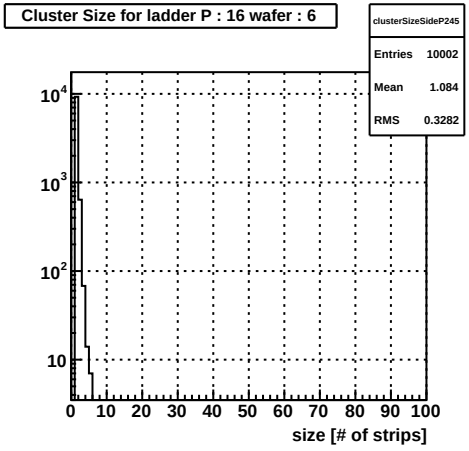

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14421
Mean 1.081
RMS 0.3353
size [# of strips]

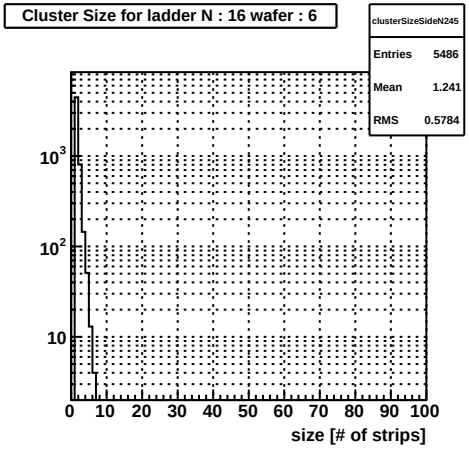

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2541
Mean 1.512
RMS 0.8306
size [# of strips]

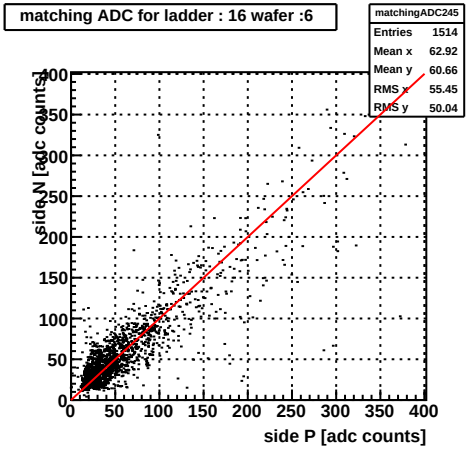

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1039
Mean x 73.88
Mean y 64.63
RMS x 59.14
RMS y 52.95
side N [adc counts]
side P [adc counts]

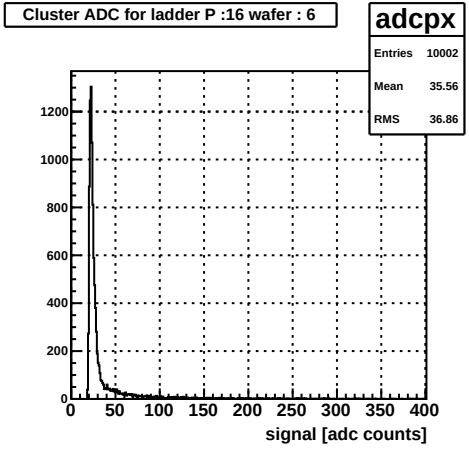

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14421
Mean 31.84
RMS 29.32
signal [adc counts]

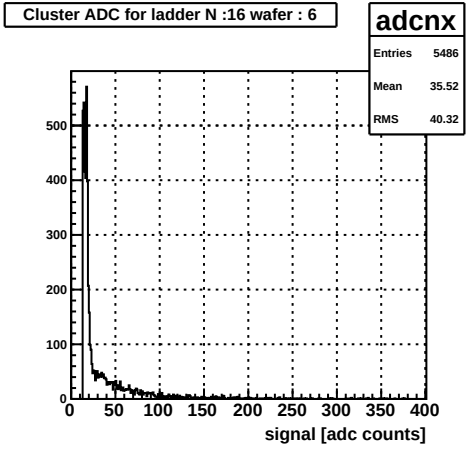

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2541
Mean 55.5
RMS 53.33
signal [adc counts]

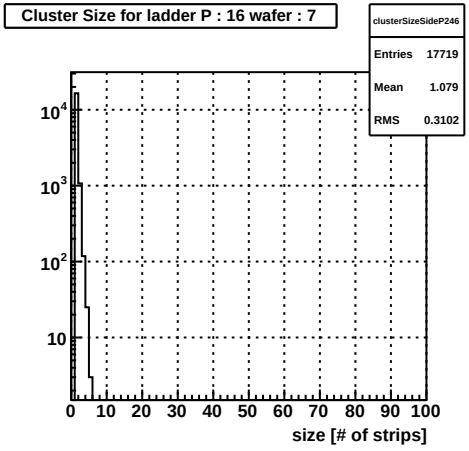

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10002
Mean 1.084
RMS 0.3282
size [# of strips]

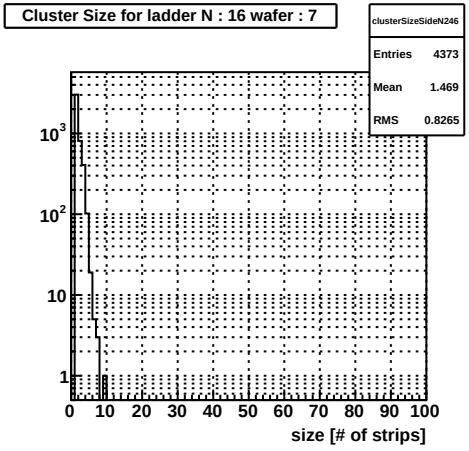

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 5486
Mean 1.241
RMS 0.5784
size [# of strips]

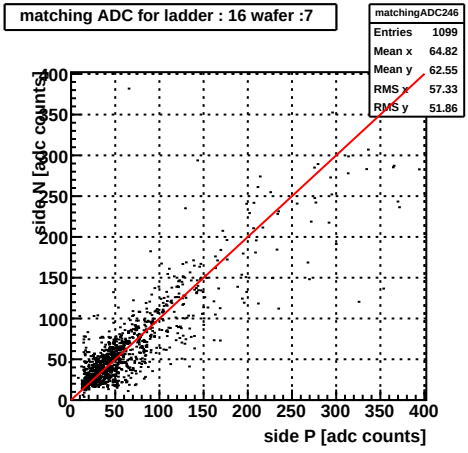

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1514
Mean x 62.92
Mean y 60.66
RMS x 55.45
RMS y 50.04
side N [adc counts]
side P [adc counts]

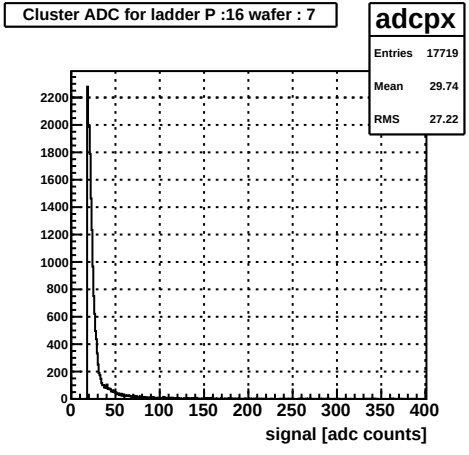

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10002
Mean 35.56
RMS 36.86
signal [adc counts]

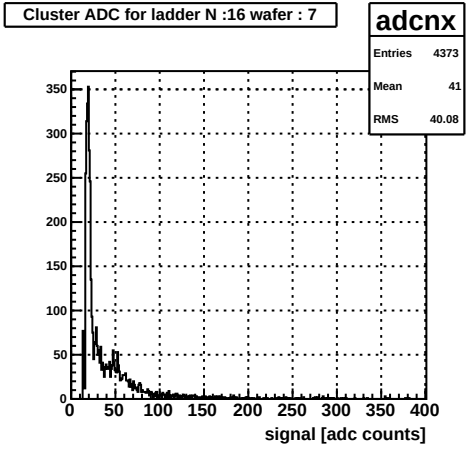

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 5486
Mean 35.52
RMS 40.32
signal [adc counts]

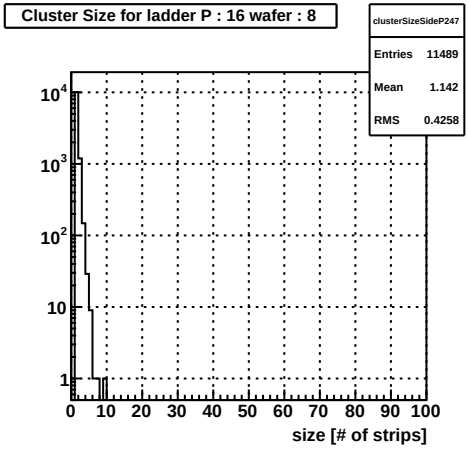

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 17719
Mean 1.079
RMS 0.3102
size [# of strips]

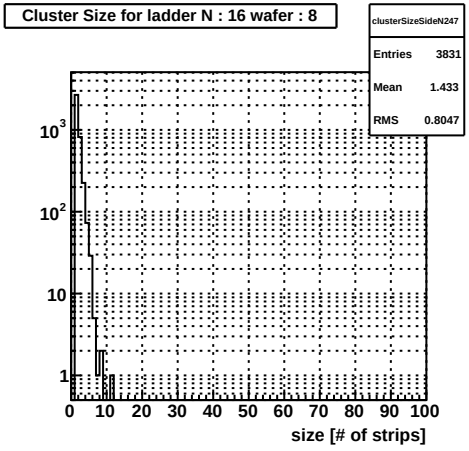

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4373
Mean 1.469
RMS 0.8265
size [# of strips]

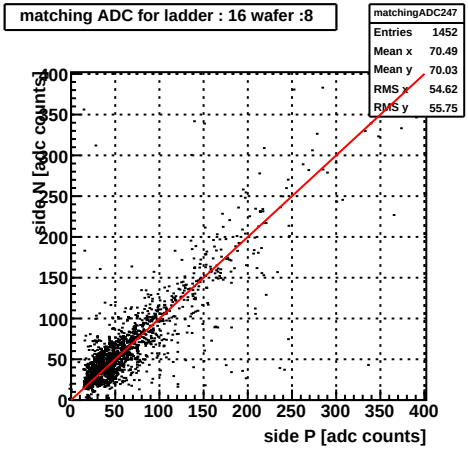

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1099
Mean x 64.82
Mean y 62.55
RMS x 57.33
RMS y 51.86
side N [adc counts]
side P [adc counts]

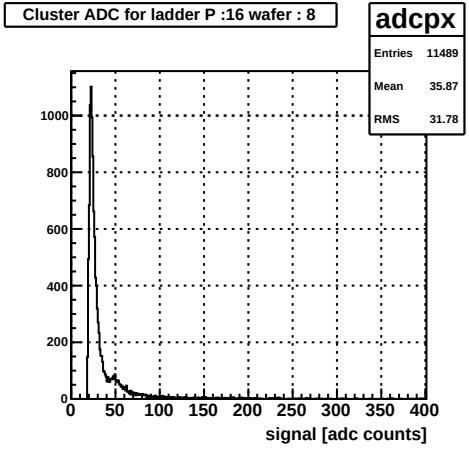

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 17719
Mean 29.74
RMS 27.22
signal [adc counts]

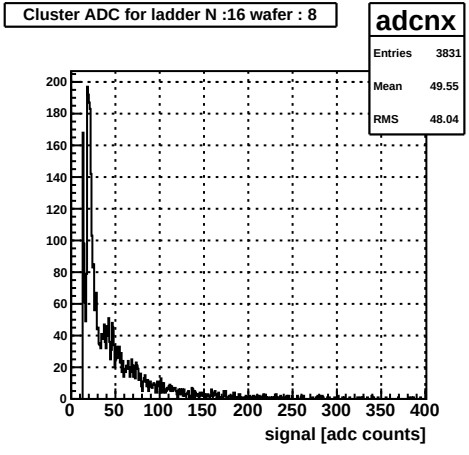

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4373
Mean 41
RMS 40.08
signal [adc counts]

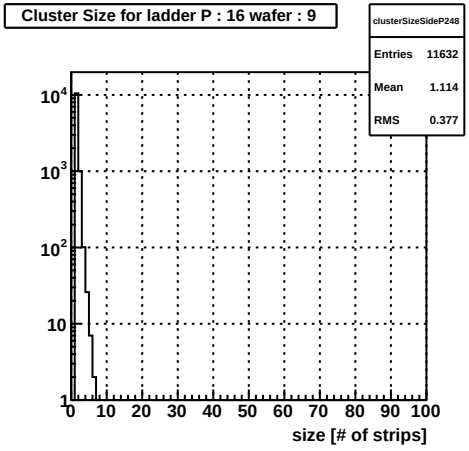

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11489
Mean 1.142
RMS 0.4258
size [# of strips]

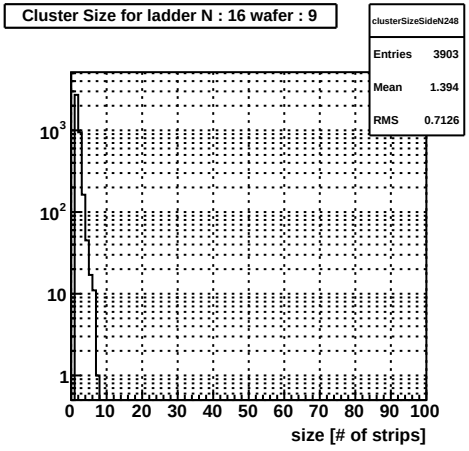

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3831
Mean 1.433
RMS 0.8047
size [# of strips]

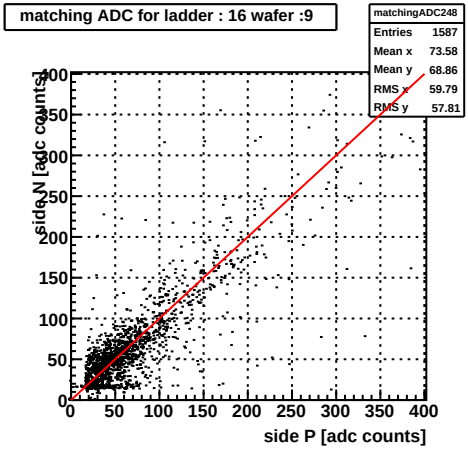

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1452
Mean x 70.49
Mean y 70.03
RMS x 54.62
RMS y 55.75
side N [adc counts]
side P [adc counts]

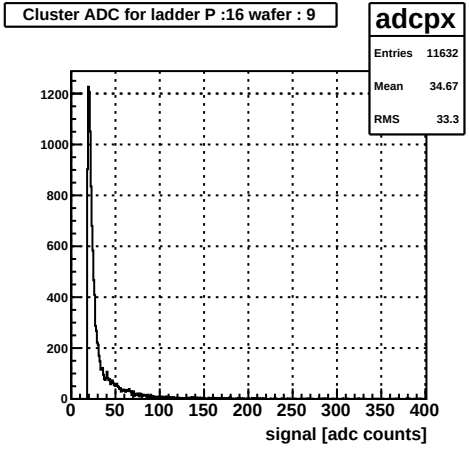

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11489
Mean 35.87
RMS 31.78
signal [adc counts]

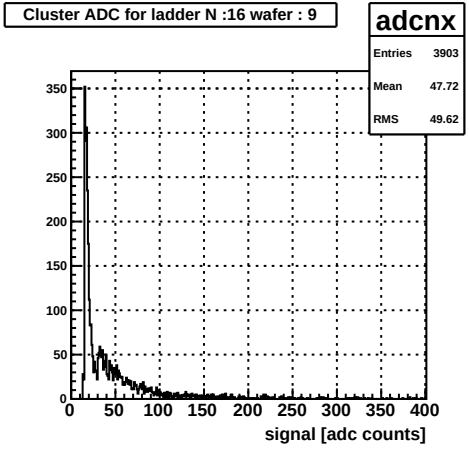

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3831
Mean 49.55
RMS 48.04
signal [adc counts]

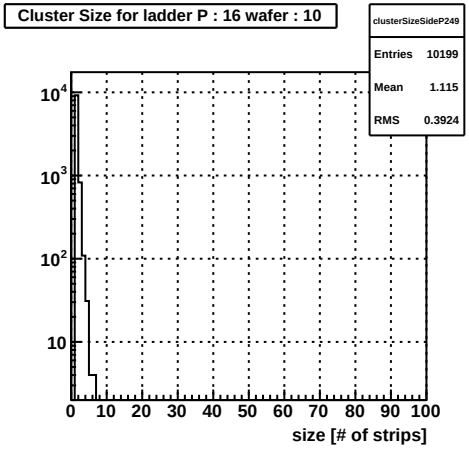

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11632
Mean 1.114
RMS 0.377
size [# of strips]

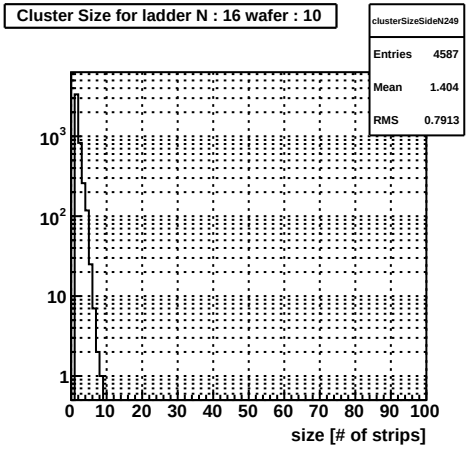

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3903
Mean 1.394
RMS 0.7126
size [# of strips]

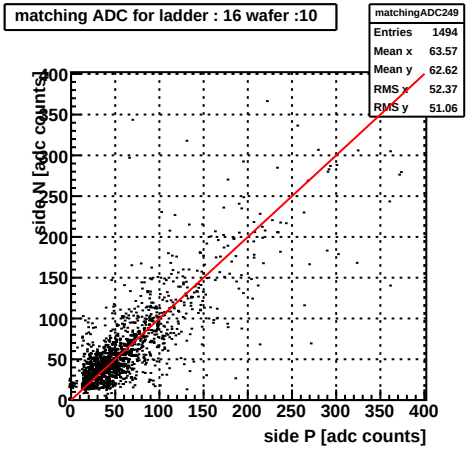

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1587
Mean x 73.58
Mean y 68.86
RMS x 59.79
RMS y 57.81
side N [adc counts]
side P [adc counts]

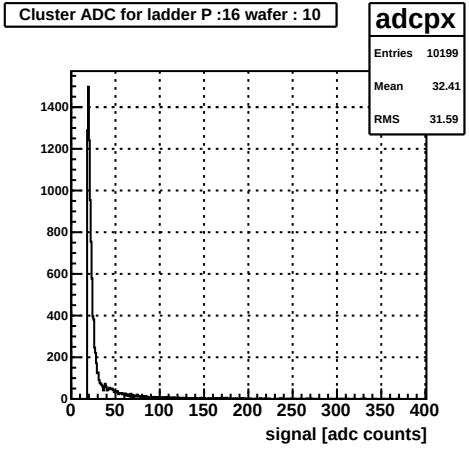

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11632
Mean 34.67
RMS 33.3
signal [adc counts]

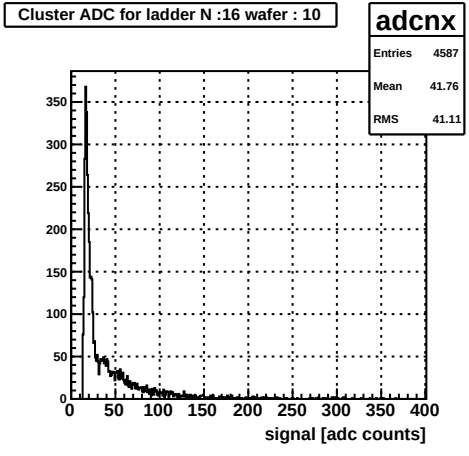

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3903
Mean 47.72
RMS 49.62
signal [adc counts]

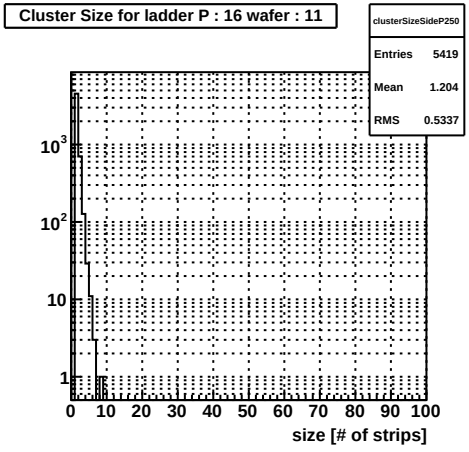

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10199
Mean 1.115
RMS 0.3924
size [# of strips]

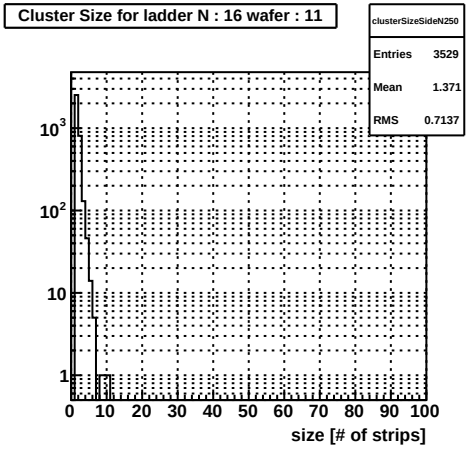

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4587
Mean 1.404
RMS 0.7913
size [# of strips]

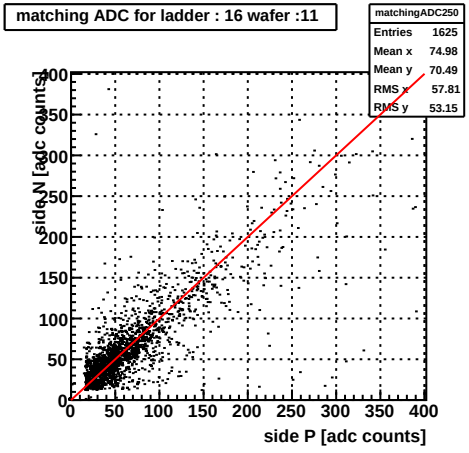

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1494
Mean x 63.57
Mean y 62.62
RMS x 52.37
RMS y 51.06
side N [adc counts]
side P [adc counts]

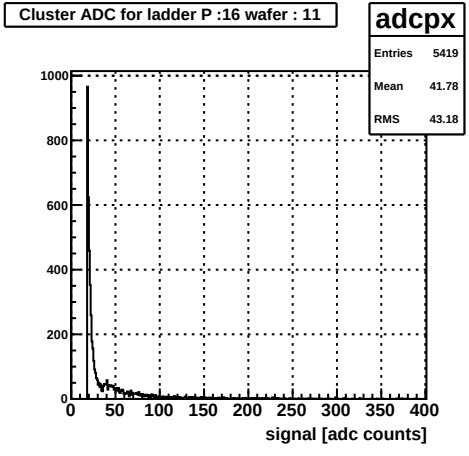

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10199
Mean 32.41
RMS 31.59
signal [adc counts]

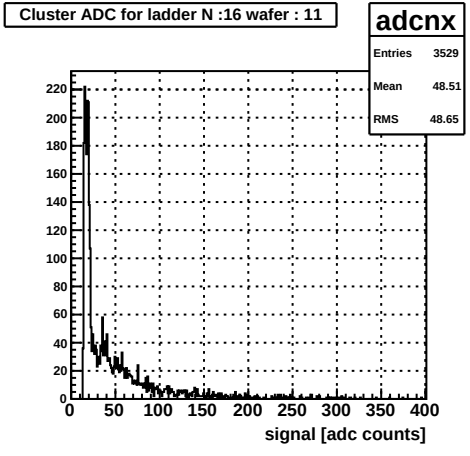

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4587
Mean 41.76
RMS 41.11
signal [adc counts]

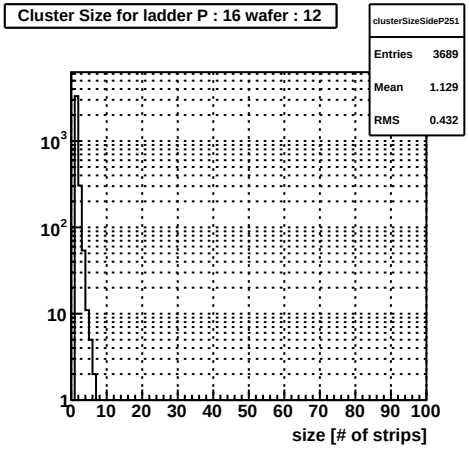

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5419
Mean 1.204
RMS 0.5337
size [# of strips]

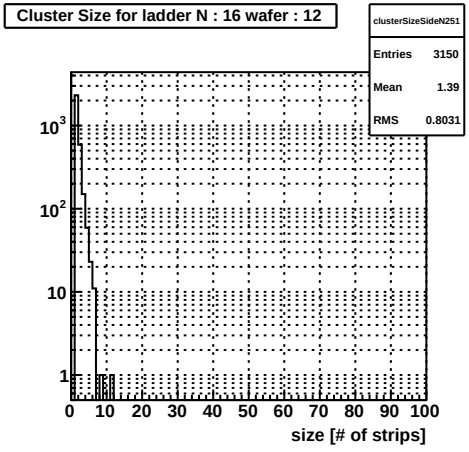

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3529
Mean 1.371
RMS 0.7137
size [# of strips]

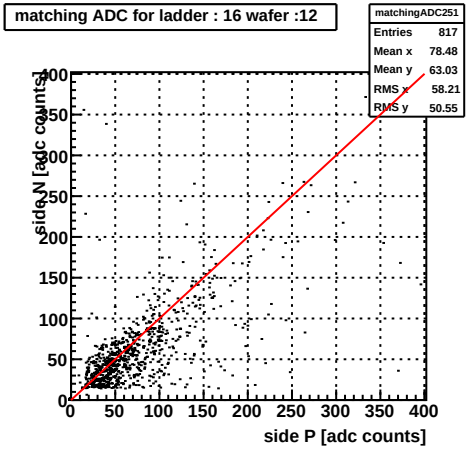

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1625
Mean x 74.98
Mean y 70.49
RMS x 57.81
RMS y 53.15
side N [adc counts]
side P [adc counts]

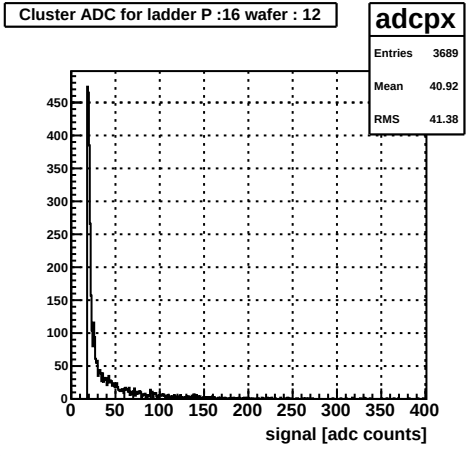

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5419
Mean 41.78
RMS 43.18
signal [adc counts]

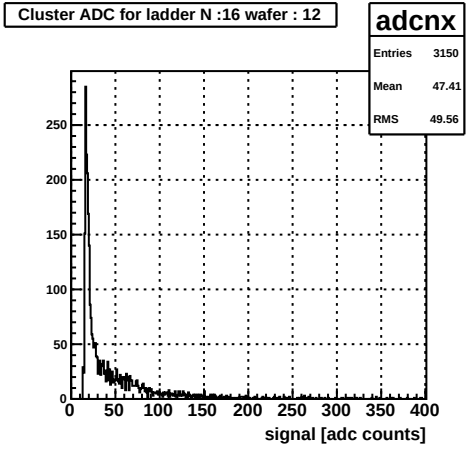

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3529
Mean 48.51
RMS 48.65
signal [adc counts]

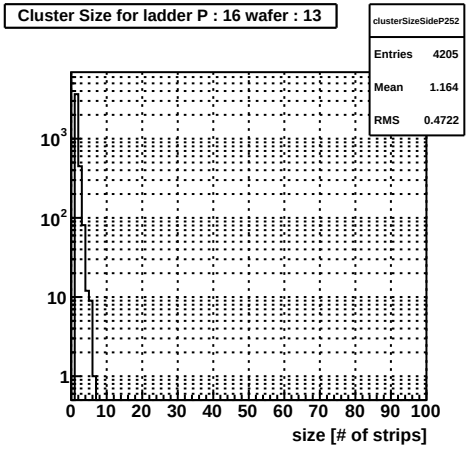

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3689
Mean 1.129
RMS 0.432
size [# of strips]

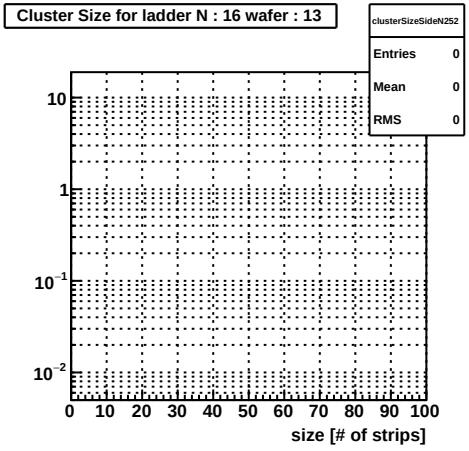

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3150
Mean 1.39
RMS 0.8031
size [# of strips]

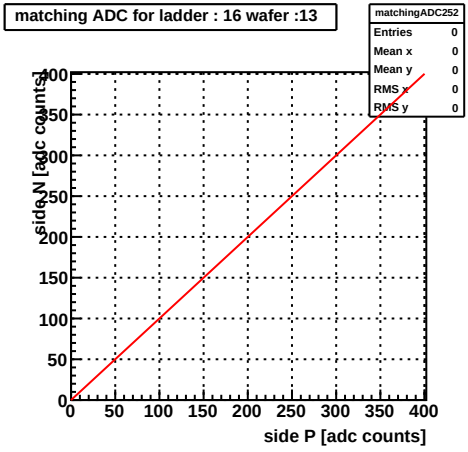

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 817
Mean x 78.48
Mean y 63.03
RMS x 58.21
RMS y 50.55
side N [adc counts]
side P [adc counts]

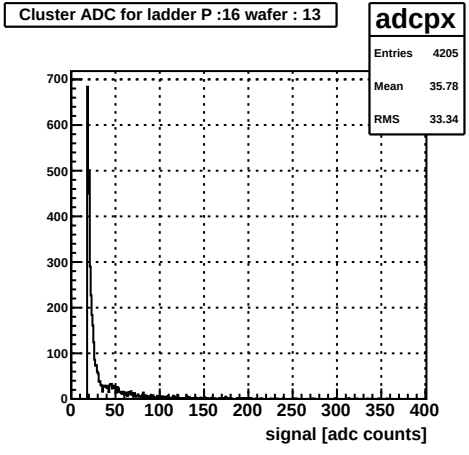

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3689
Mean 40.92
RMS 41.38
signal [adc counts]

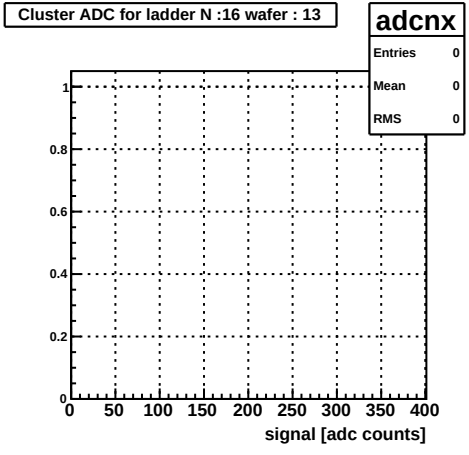

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3150
Mean 47.41
RMS 49.56
signal [adc counts]

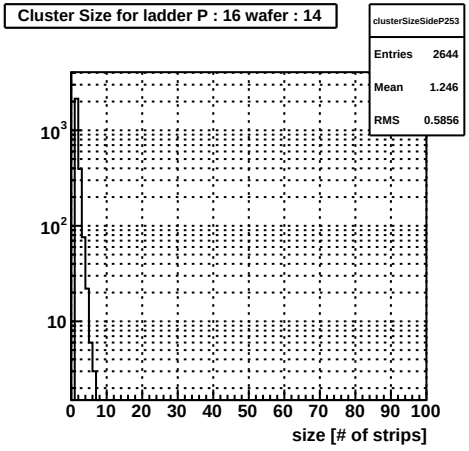

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 4205
Mean 1.164
RMS 0.4722
size [# of strips]

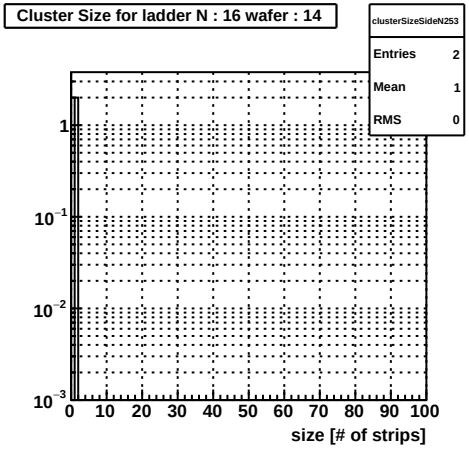

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

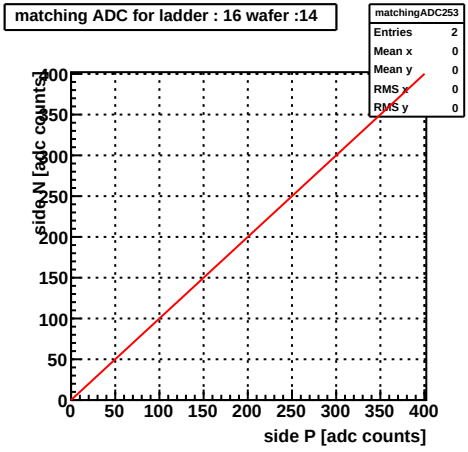

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

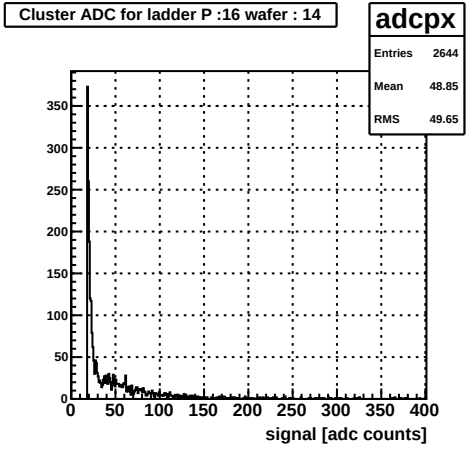

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 4205
Mean 35.78
RMS 33.34
signal [adc counts]

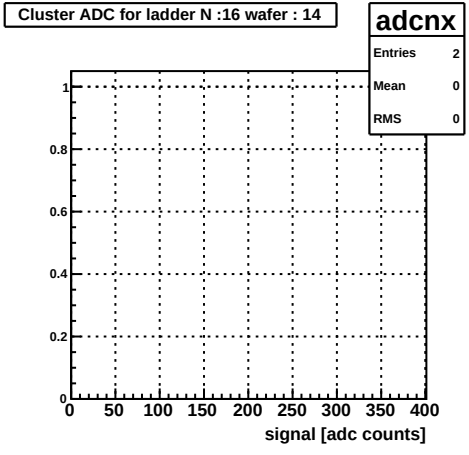

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

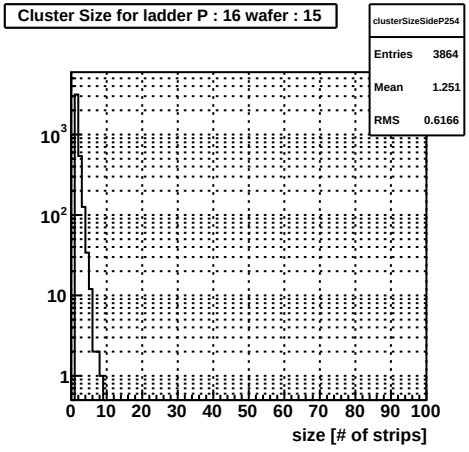

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2644
Mean 1.246
RMS 0.5856
size [# of strips]

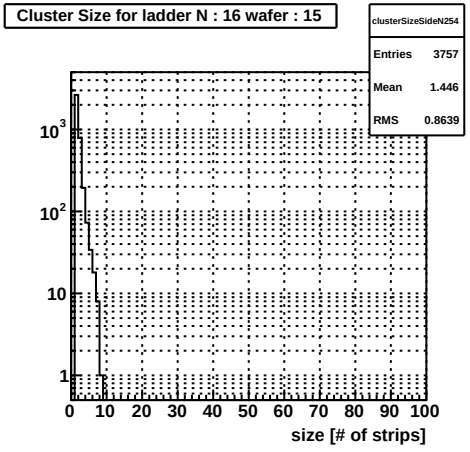

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

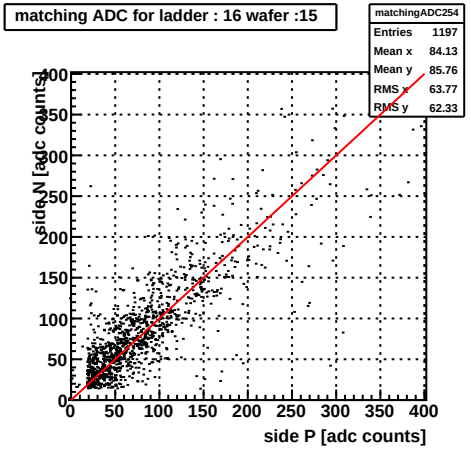

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

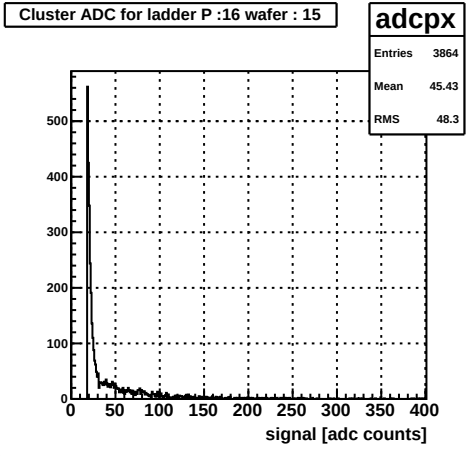

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2644
Mean 48.85
RMS 49.65
signal [adc counts]

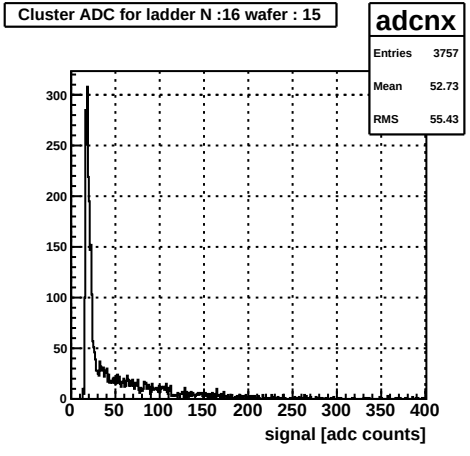

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

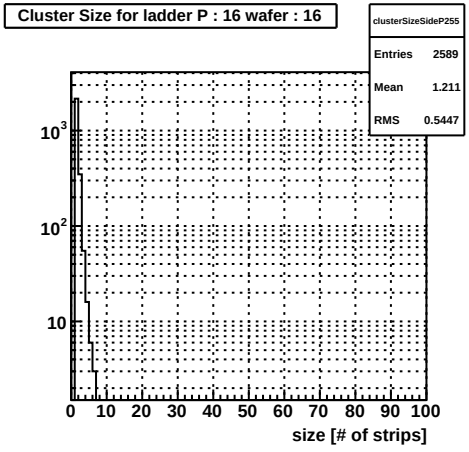

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3864
Mean 1.251
RMS 0.6166
size [# of strips]

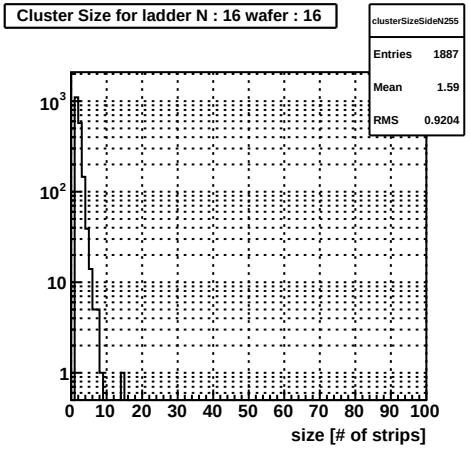

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3757
Mean 1.446
RMS 0.8639
size [# of strips]

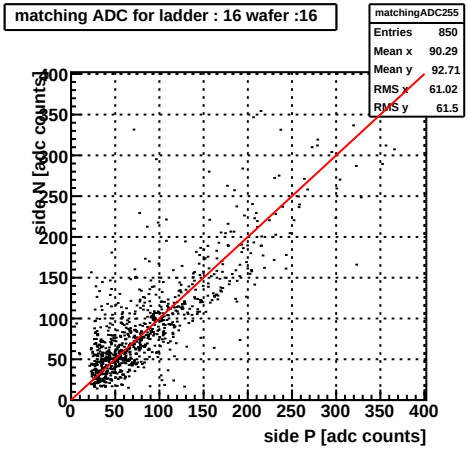

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1197
Mean x 84.13
Mean y 85.76
RMS x 63.77
RMS y 62.33
side N [adc counts]
side P [adc counts]

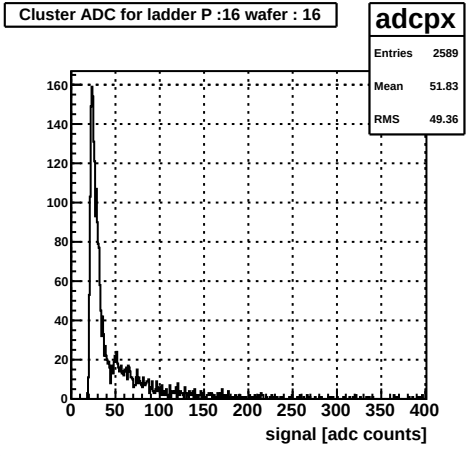

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3864
Mean 45.43
RMS 48.3
signal [adc counts]

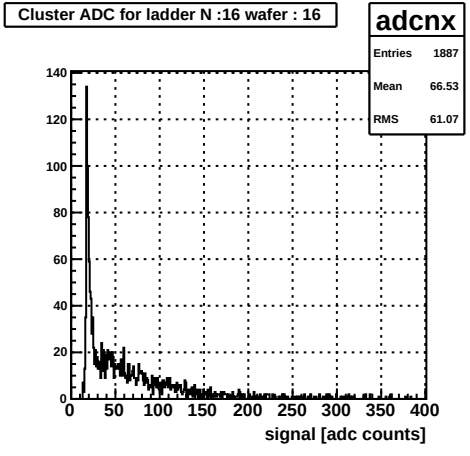

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3757
Mean 52.73
RMS 55.43
signal [adc counts]

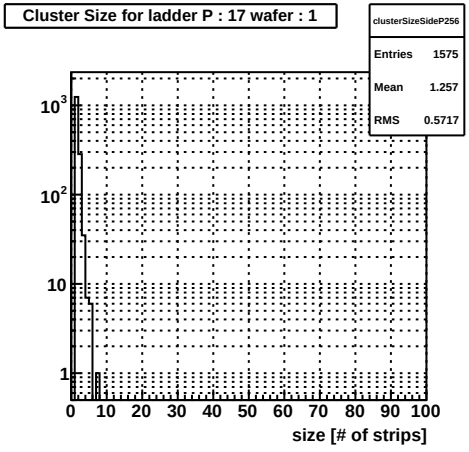

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2589
Mean 1.211
RMS 0.5447
size [# of strips]

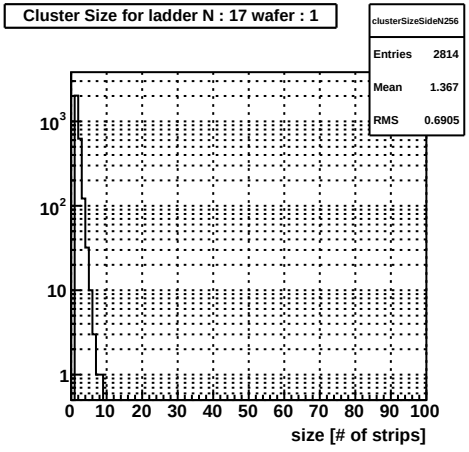

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1887
Mean 1.59
RMS 0.9204
size [# of strips]

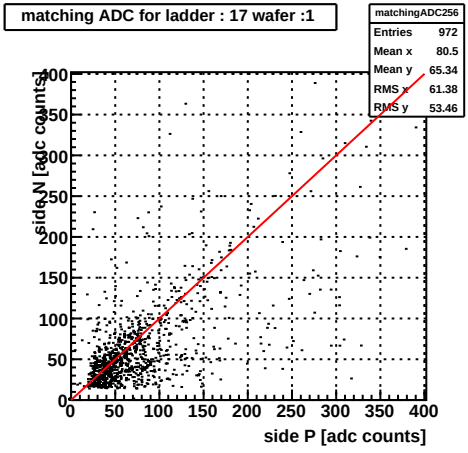

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 850
Mean x 90.29
Mean y 92.71
RMS x 61.02
RMS y 61.5
side N [adc counts]
side P [adc counts]

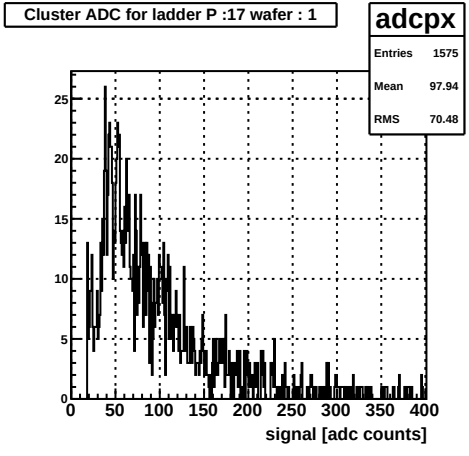

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2589
Mean 51.83
RMS 49.36
signal [adc counts]

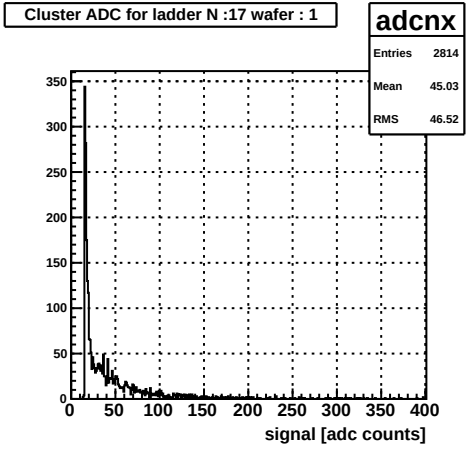

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1887
Mean 66.53
RMS 61.07
signal [adc counts]

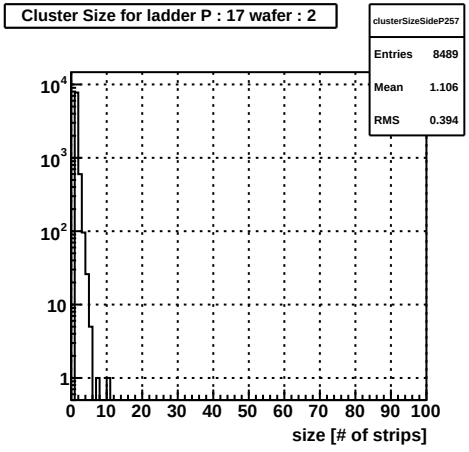

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1575
Mean 1.257
RMS 0.5717
size [# of strips]

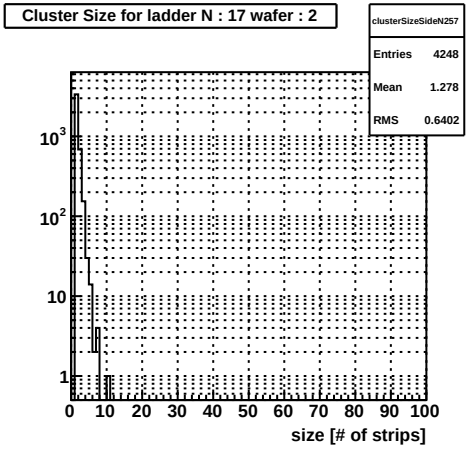

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2814
Mean 1.367
RMS 0.6905
size [# of strips]

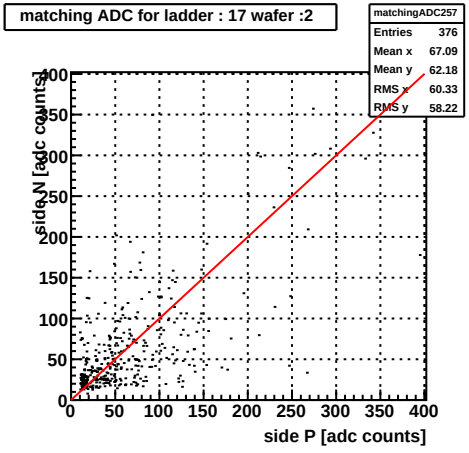

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 972
Mean x 80.5
Mean y 65.34
RMS x 61.38
RMS y 53.46
side N [adc counts]
side P [adc counts]

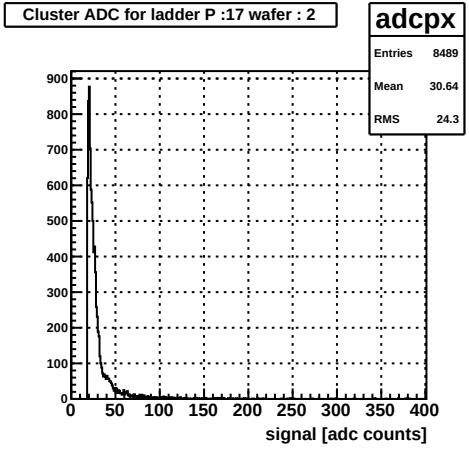

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1575
Mean 97.94
RMS 70.48
signal [adc counts]

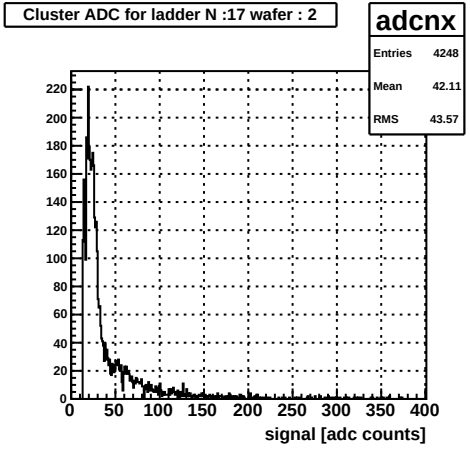

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2814
Mean 45.03
RMS 46.52
signal [adc counts]

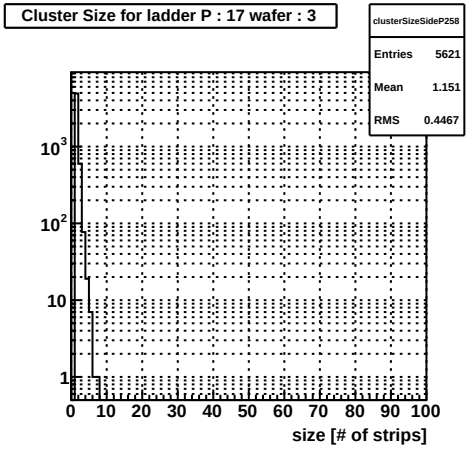

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8489
Mean 1.106
RMS 0.394
size [# of strips]

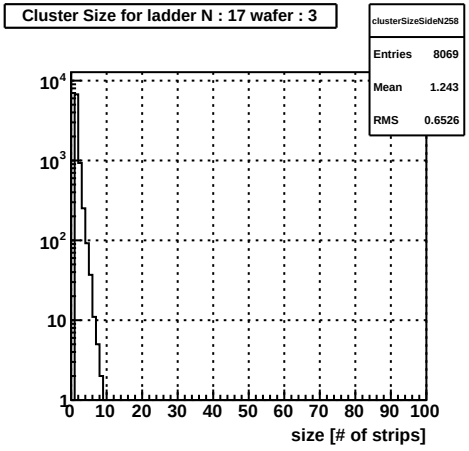

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4248
Mean 1.278
RMS 0.6402
size [# of strips]

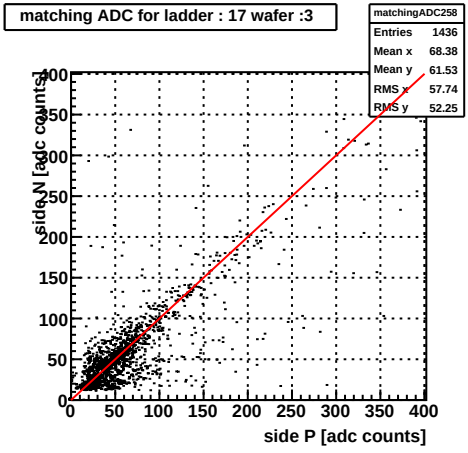

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 376
Mean x 67.09
Mean y 62.18
RMS x 60.33
RMS y 58.22
side N [adc counts]
side P [adc counts]

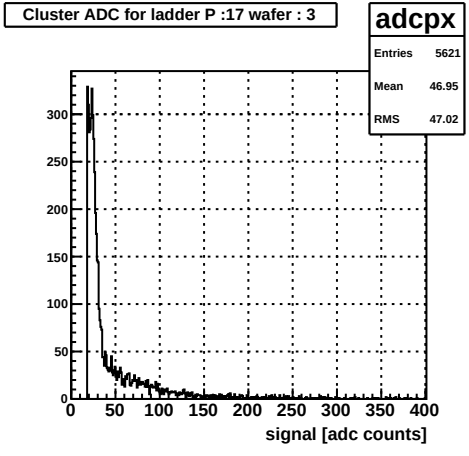

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8489
Mean 30.64
RMS 24.3
signal [adc counts]

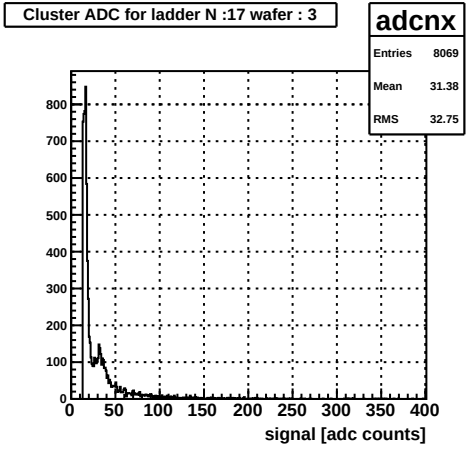

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4248
Mean 42.11
RMS 43.57
signal [adc counts]

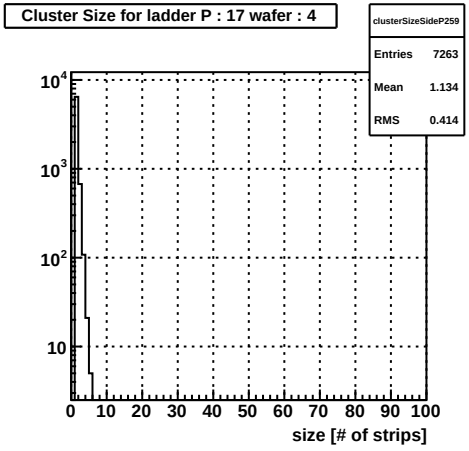

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 5621
Mean 1.151
RMS 0.4467
size [# of strips]

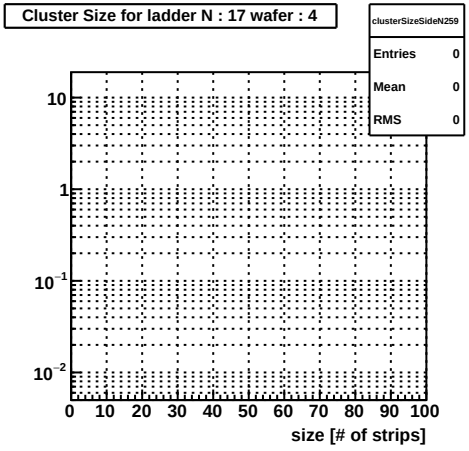

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8069
Mean 1.243
RMS 0.6526
size [# of strips]

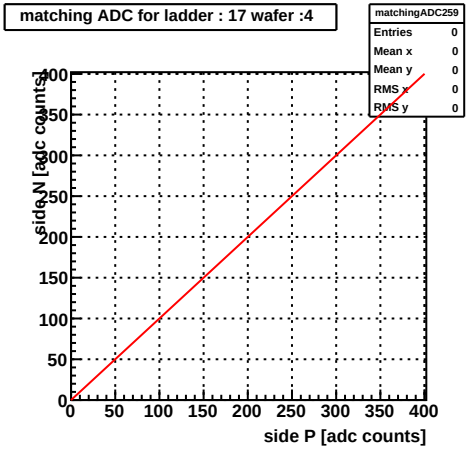

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1436
Mean x 68.38
Mean y 61.53
RMS x 57.74
RMS y 52.25
side N [adc counts]
side P [adc counts]

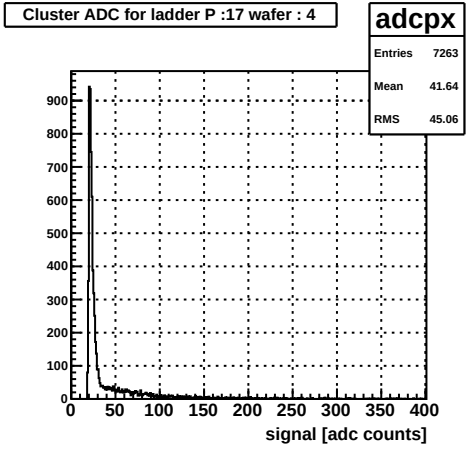

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 5621
Mean 46.95
RMS 47.02
signal [adc counts]

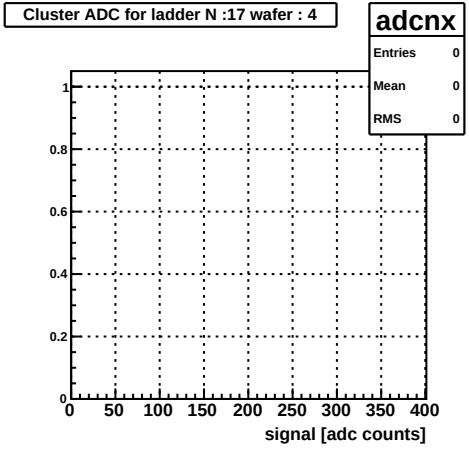

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8069
Mean 31.38
RMS 32.75
signal [adc counts]

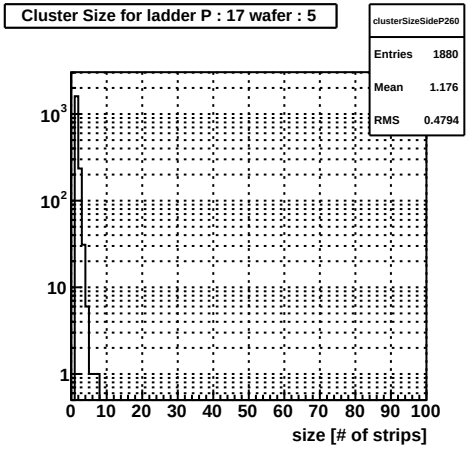

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 7263
Mean 1.134
RMS 0.414
size [# of strips]

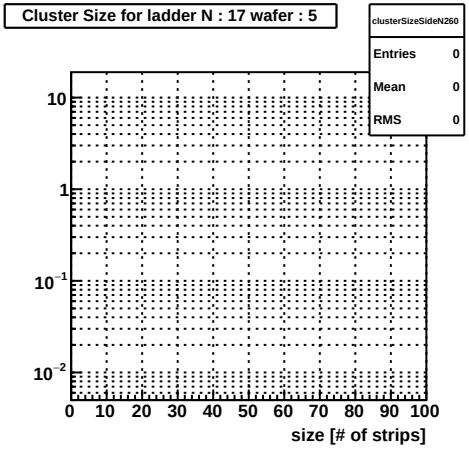

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

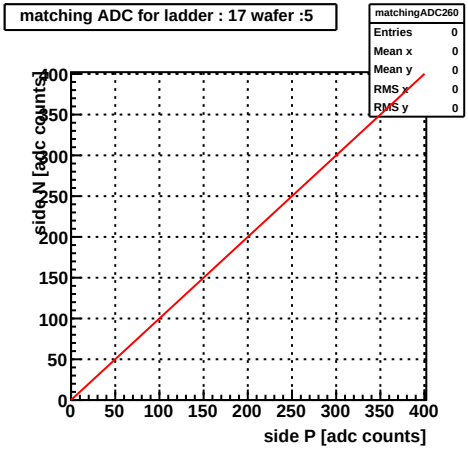

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

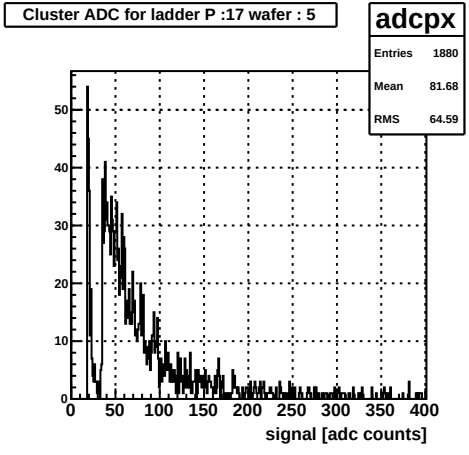

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 7263
Mean 41.64
RMS 45.06
signal [adc counts]

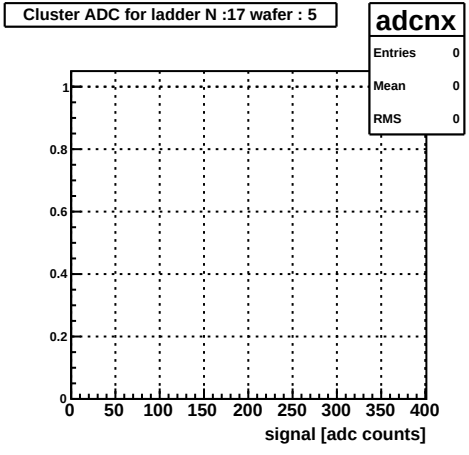

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

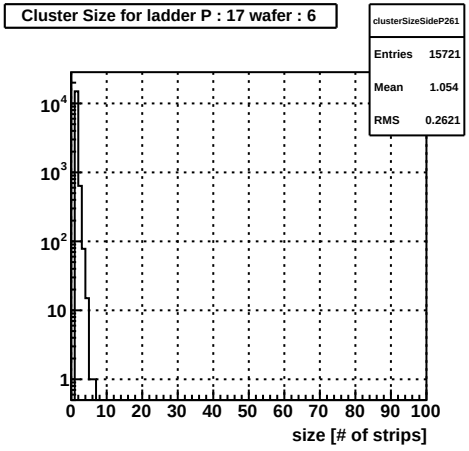

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1880
Mean 1.176
RMS 0.4794
size [# of strips]

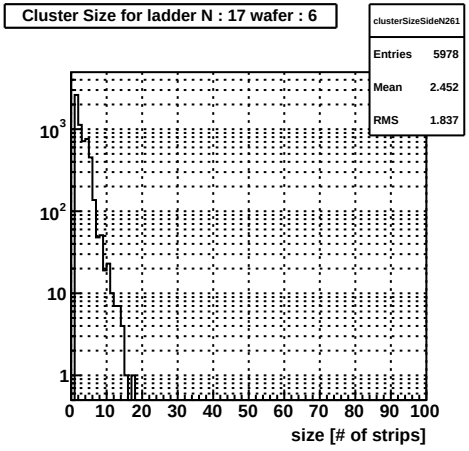

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

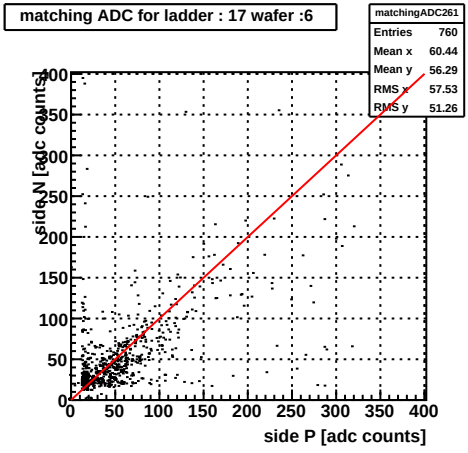

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

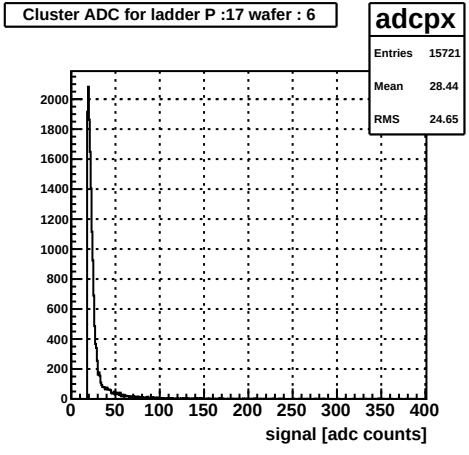

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1880
Mean 81.68
RMS 64.59
signal [adc counts]

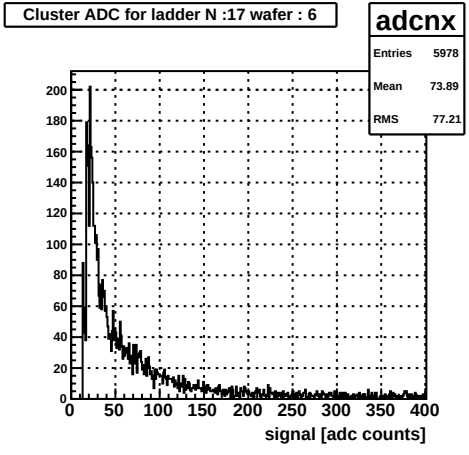

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

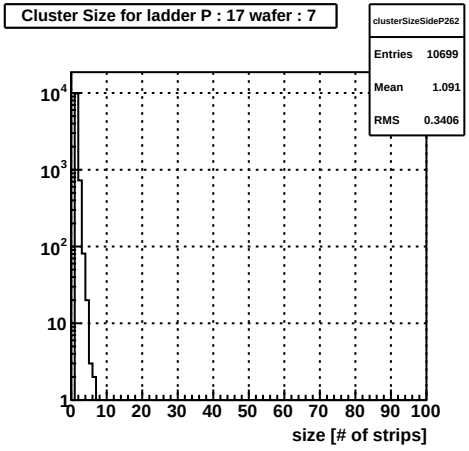

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 15721
Mean 1.054
RMS 0.2621
size [# of strips]

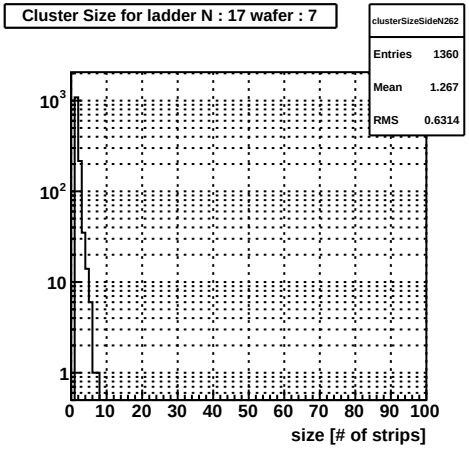

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5978
Mean 2.452
RMS 1.837
size [# of strips]

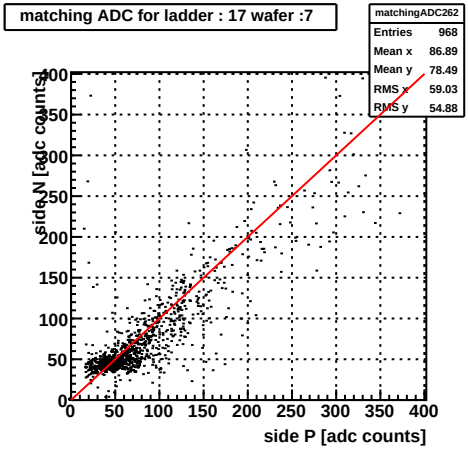

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 760
Mean x 60.44
Mean y 56.29
RMS x 57.53
RMS y 51.26
side N [adc counts]
side P [adc counts]

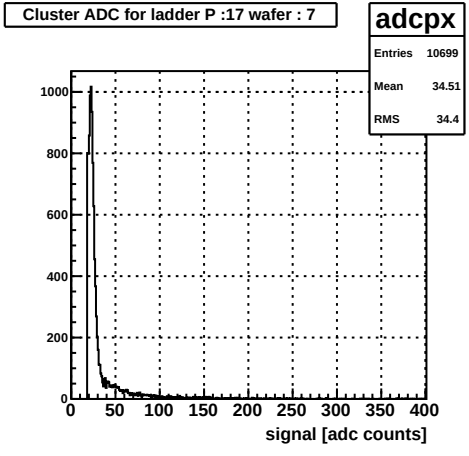

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 15721
Mean 28.44
RMS 24.65
signal [adc counts]

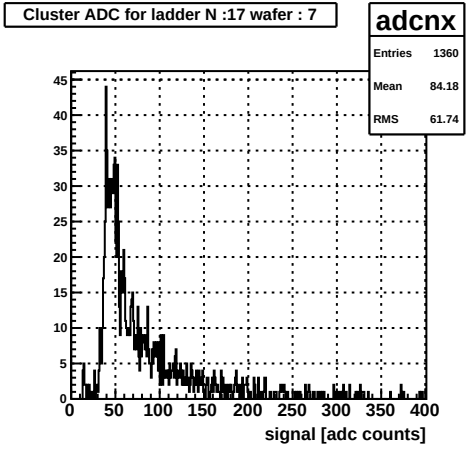

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5978
Mean 73.89
RMS 77.21
signal [adc counts]

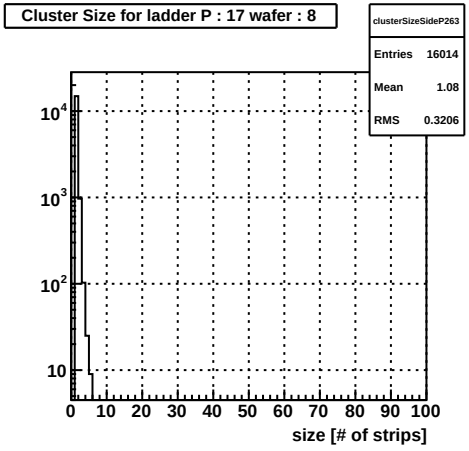

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10699
Mean 1.091
RMS 0.3406
size [# of strips]

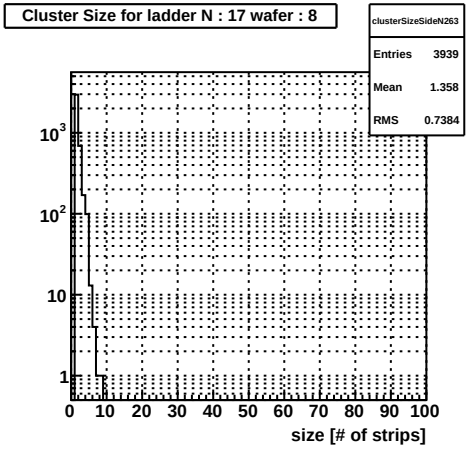

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1360
Mean 1.267
RMS 0.6314
size [# of strips]

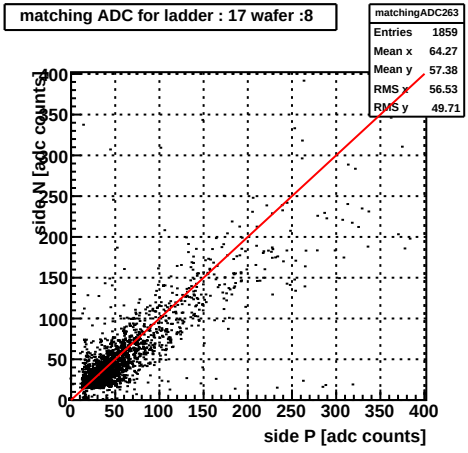

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 968
Mean x 86.89
Mean y 78.49
RMS x 59.03
RMS y 54.88
side N [adc counts]
side P [adc counts]

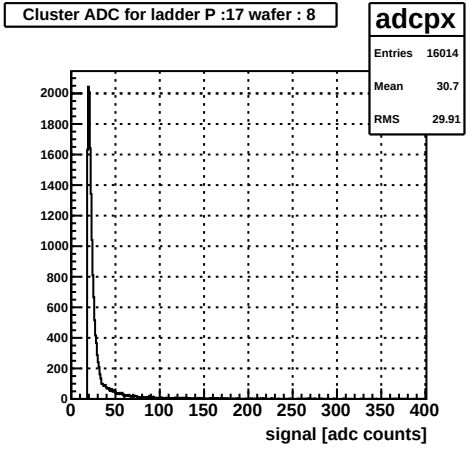

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10699
Mean 34.51
RMS 34.4
signal [adc counts]

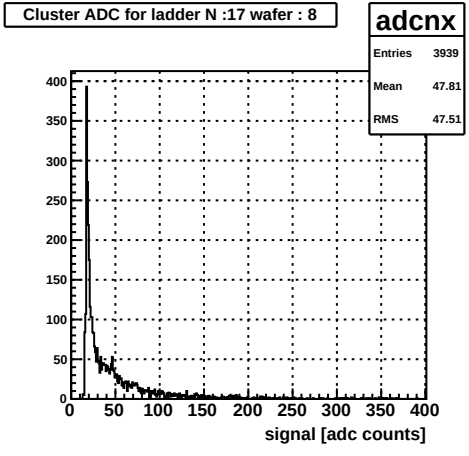

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1360
Mean 84.18
RMS 61.74
signal [adc counts]

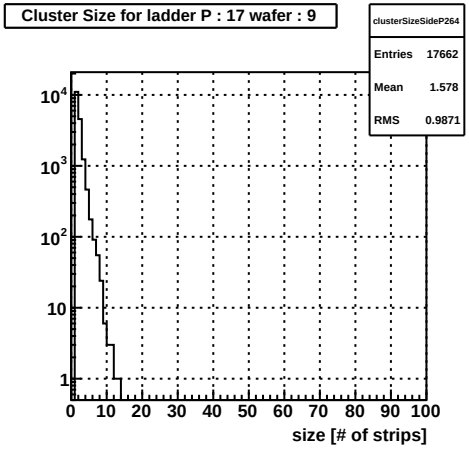

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16014
Mean 1.08
RMS 0.3206
size [# of strips]

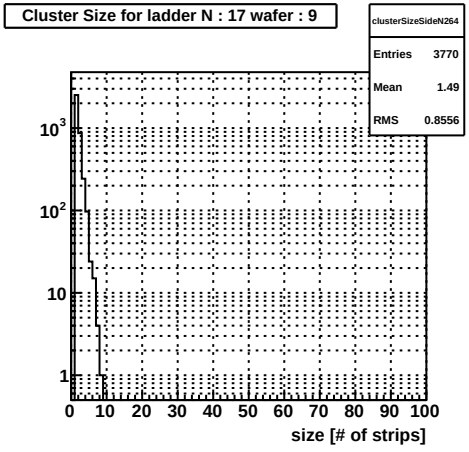

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3939
Mean 1.358
RMS 0.7384
size [# of strips]

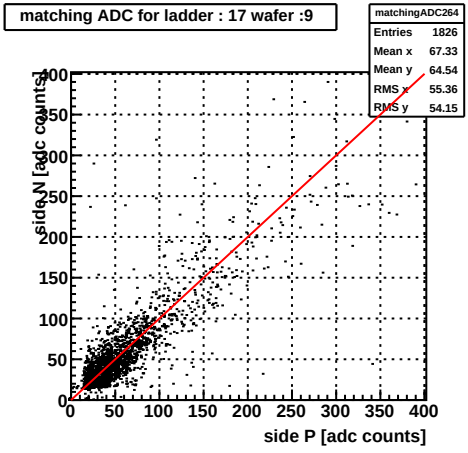

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1859
Mean x 64.27
Mean y 57.38
RMS x 56.53
RMS y 49.71
side N [adc counts]
side P [adc counts]

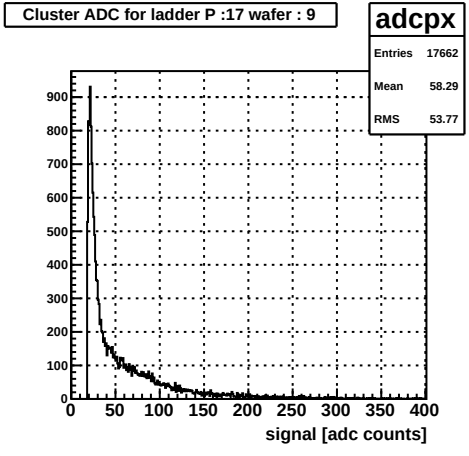

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16014
Mean 30.7
RMS 29.91
signal [adc counts]

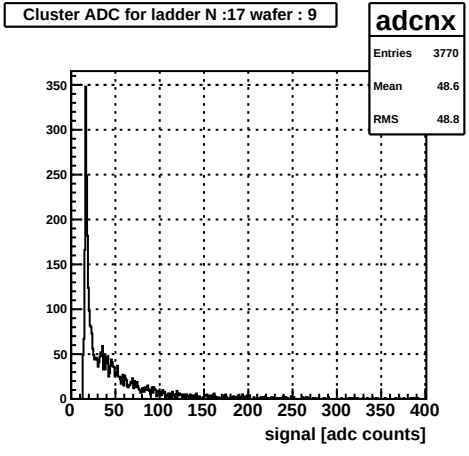

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3939
Mean 47.81
RMS 47.51
signal [adc counts]

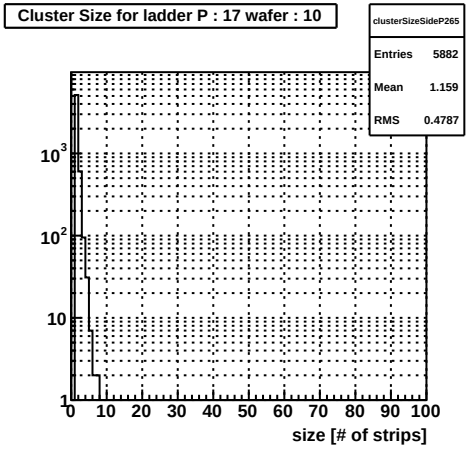

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17662
Mean 1.578
RMS 0.9871
size [# of strips]

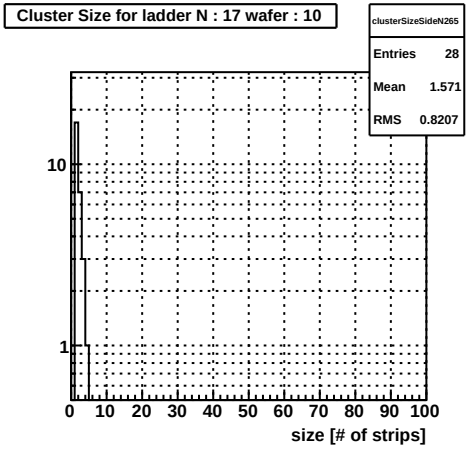

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3770
Mean 1.49
RMS 0.8556
size [# of strips]

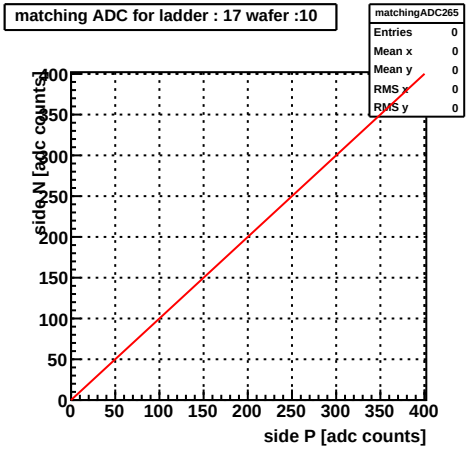

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1826
Mean x 67.33
Mean y 64.54
RMS x 55.36
RMS y 54.15
side N [adc counts]
side P [adc counts]

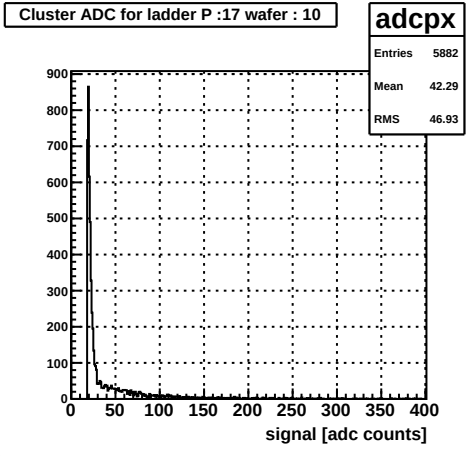

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17662
Mean 58.29
RMS 53.77
signal [adc counts]

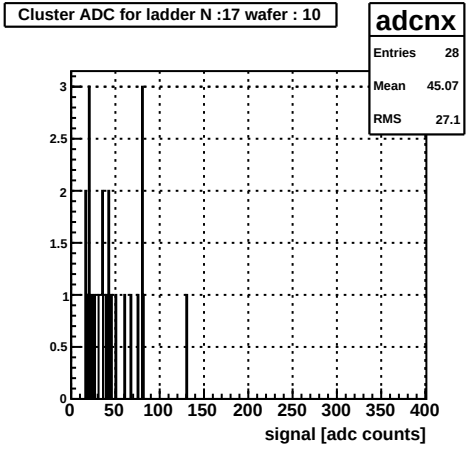

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3770
Mean 48.6
RMS 48.8
signal [adc counts]

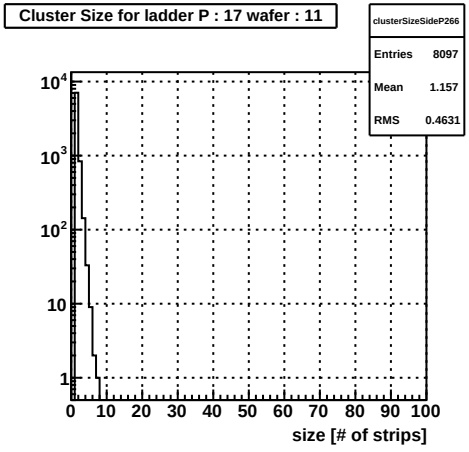

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5882
Mean 1.159
RMS 0.4787
size [# of strips]

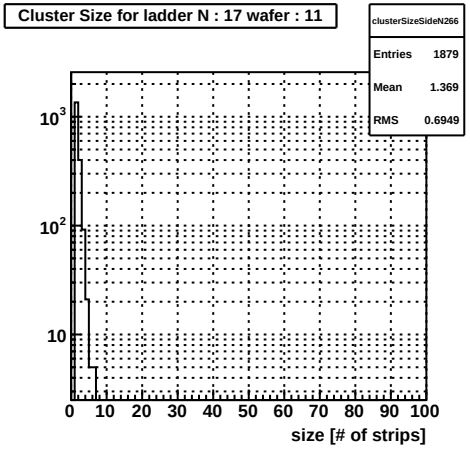

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 28
Mean 1.571
RMS 0.8207
size [# of strips]

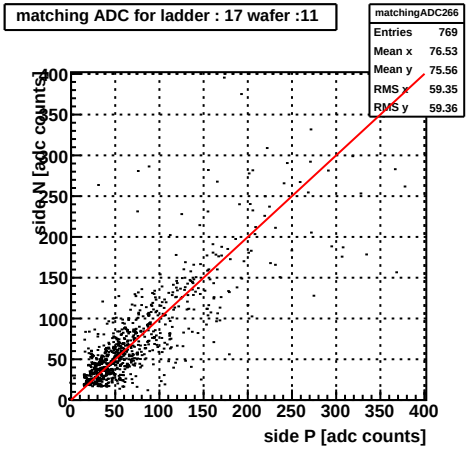

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

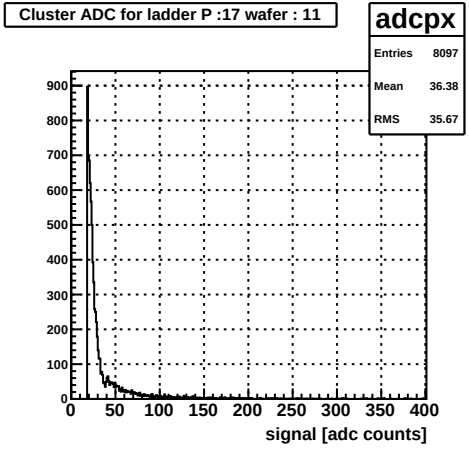

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5882
Mean 42.29
RMS 46.93
signal [adc counts]

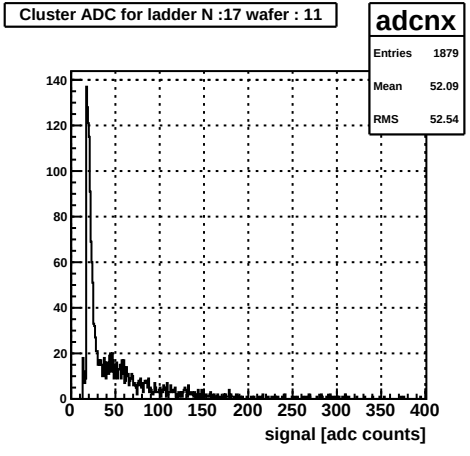

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 28
Mean 45.07
RMS 27.1
signal [adc counts]

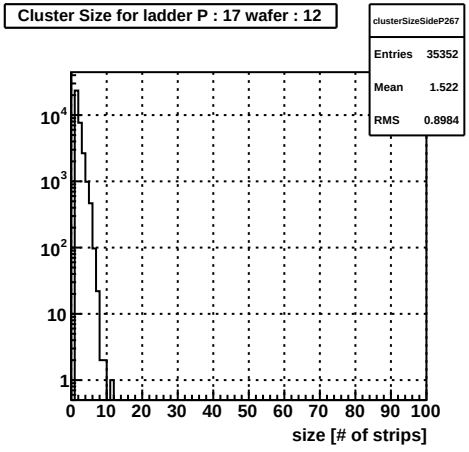

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8097
Mean 1.157
RMS 0.4631
size [# of strips]

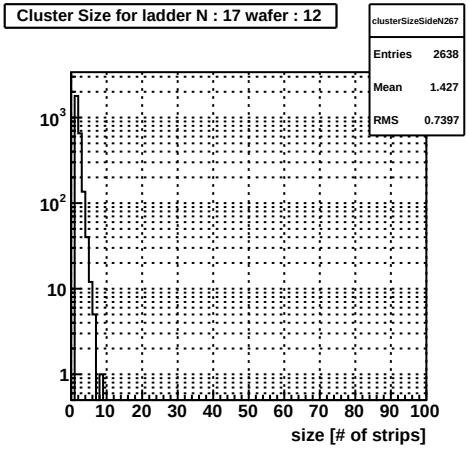

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1879
Mean 1.369
RMS 0.6949
size [# of strips]

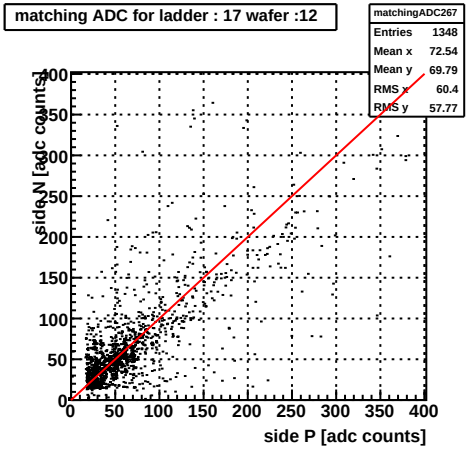

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 769
Mean x 76.53
Mean y 75.56
RMS x 59.35
RMS y 59.36
side N [adc counts]
side P [adc counts]

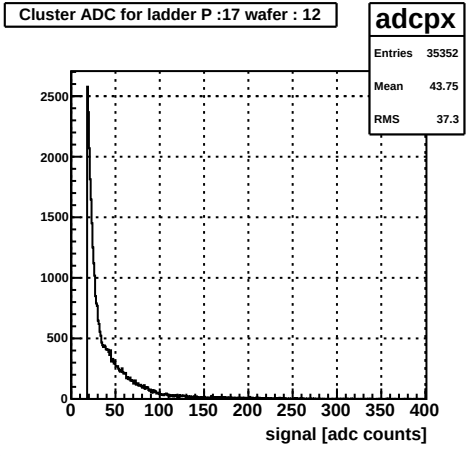

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8097
Mean 36.38
RMS 35.67
signal [adc counts]

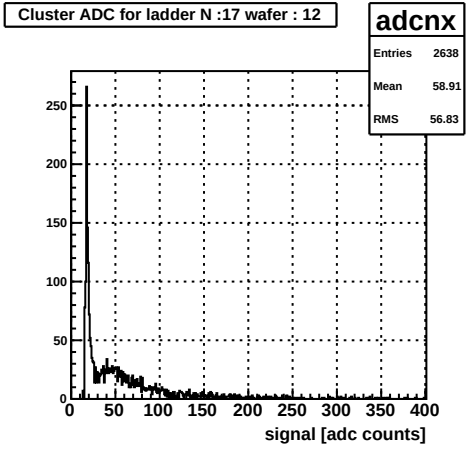

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1879
Mean 52.09
RMS 52.54
signal [adc counts]

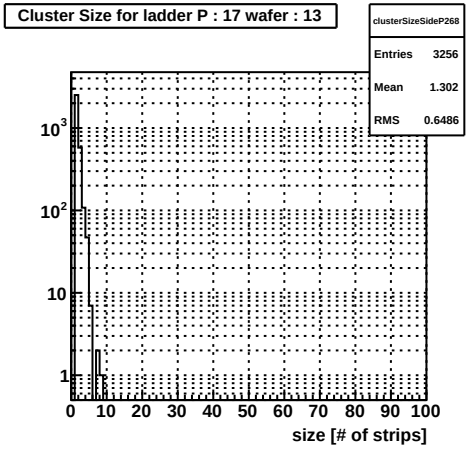

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 35352
Mean 1.522
RMS 0.8984
size [# of strips]

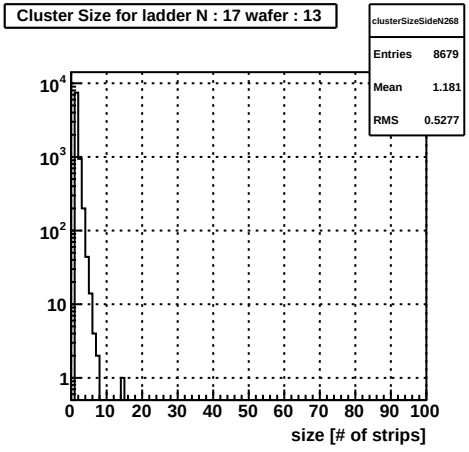

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2638
Mean 1.427
RMS 0.7397
size [# of strips]

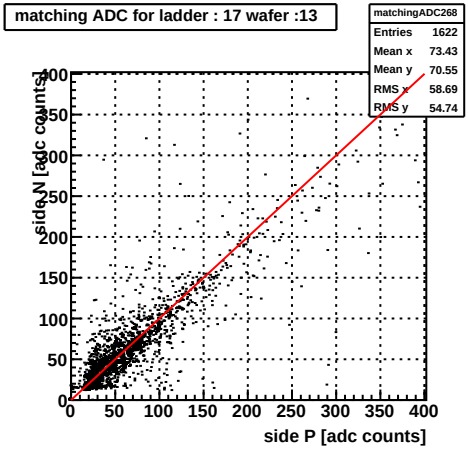

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1348
Mean x 72.54
Mean y 69.79
RMS x 60.4
RMS y 57.77
side N [adc counts]
side P [adc counts]

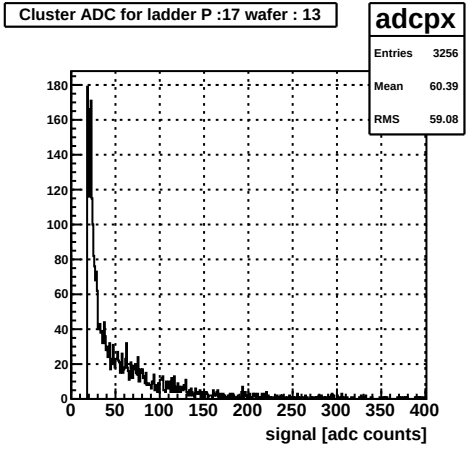

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 35352
Mean 43.75
RMS 37.3
signal [adc counts]

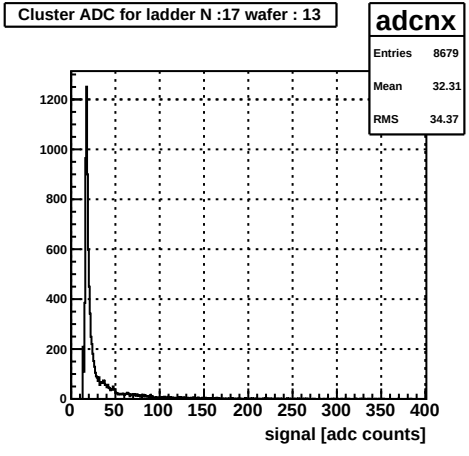

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2638
Mean 58.91
RMS 56.83
signal [adc counts]

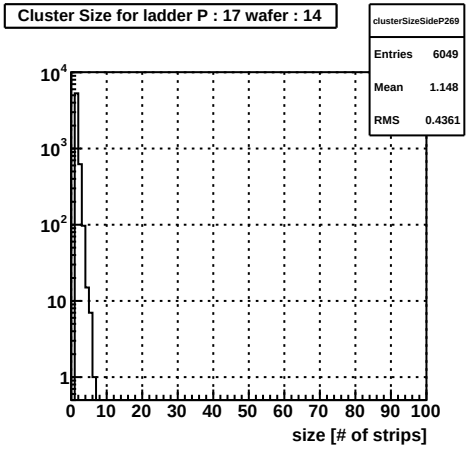

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3256
Mean 1.302
RMS 0.6486
size [# of strips]

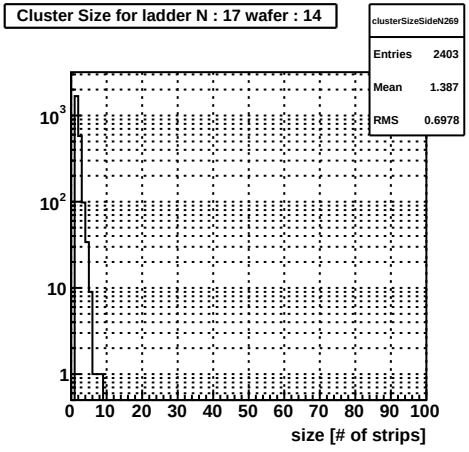

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8679
Mean 1.181
RMS 0.5277
size [# of strips]

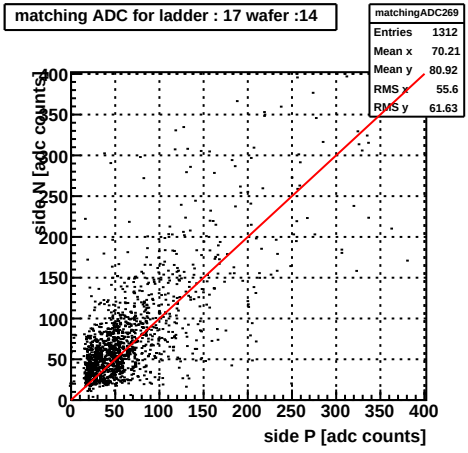

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1622
Mean x 73.43
Mean y 70.55
RMS x 58.69
RMS y 54.74
side N [adc counts]
side P [adc counts]

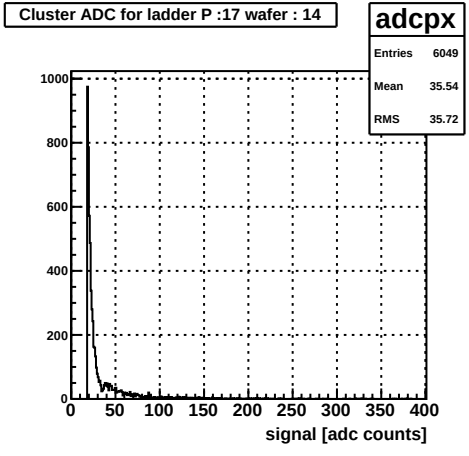

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3256
Mean 60.39
RMS 59.08
signal [adc counts]

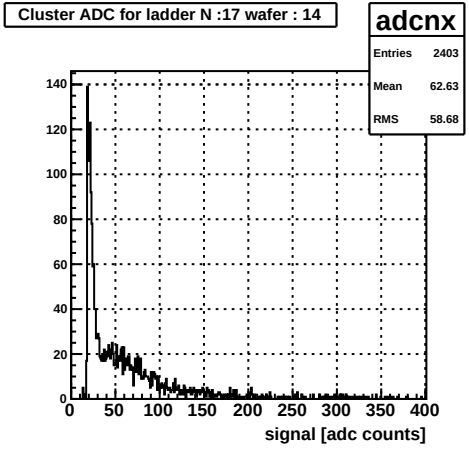

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8679
Mean 32.31
RMS 34.37
signal [adc counts]

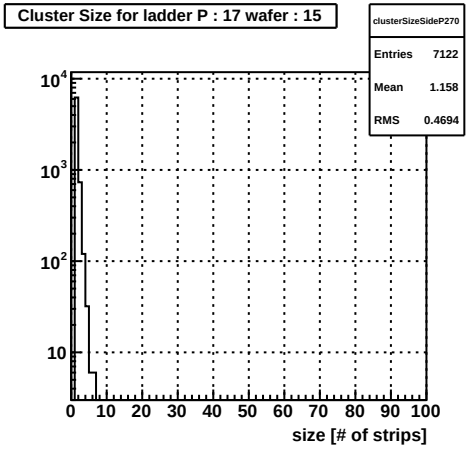

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6049
Mean 1.148
RMS 0.4361
size [# of strips]

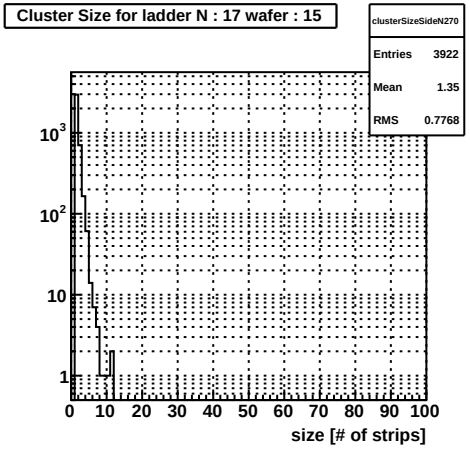

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2403
Mean 1.387
RMS 0.6978
size [# of strips]

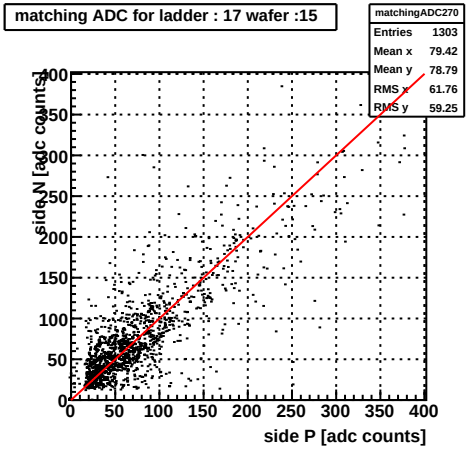

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1312
Mean x 70.21
Mean y 80.92
RMS x 55.6
RMS y 61.63
side N [adc counts]
side P [adc counts]

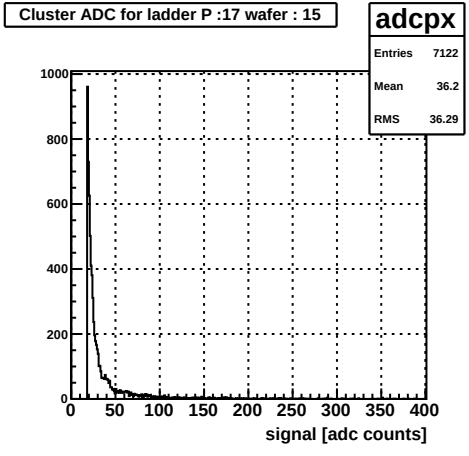

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6049
Mean 35.54
RMS 35.72
signal [adc counts]

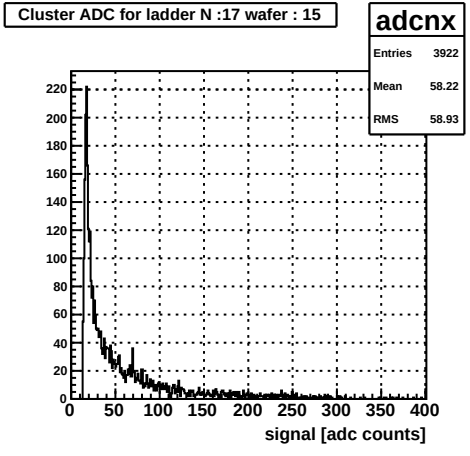

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2403
Mean 62.63
RMS 58.68
signal [adc counts]

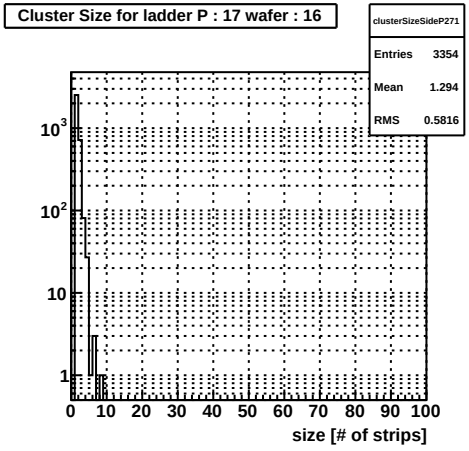

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7122
Mean 1.158
RMS 0.4694
size [# of strips]

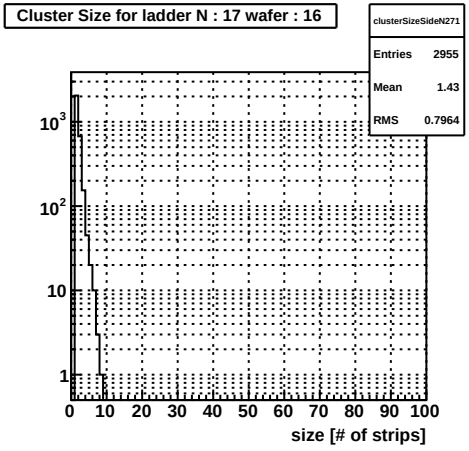

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3922
Mean 1.35
RMS 0.7768
size [# of strips]

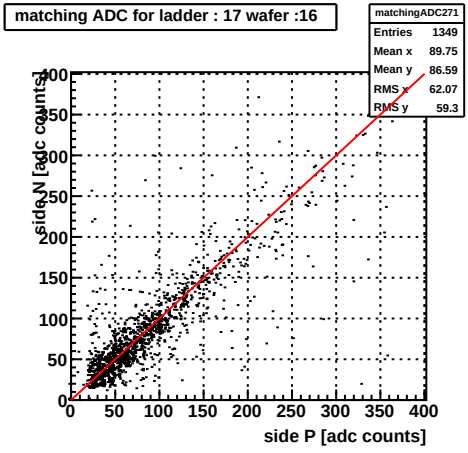

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1303
Mean x 79.42
Mean y 78.79
RMS x 61.76
RMS y 59.25
side N [adc counts]
side P [adc counts]

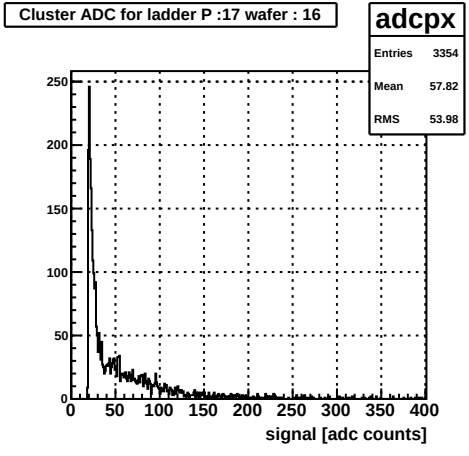

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7122
Mean 36.2
RMS 36.29
signal [adc counts]

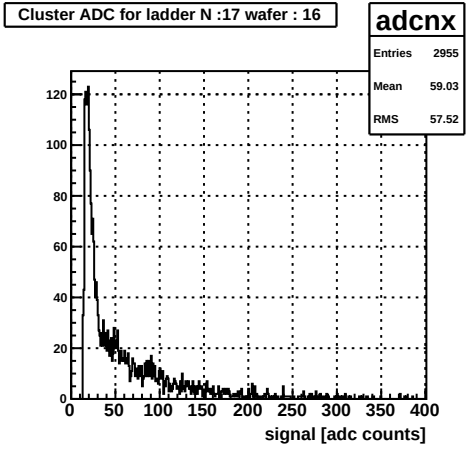

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3922
Mean 58.22
RMS 58.93
signal [adc counts]

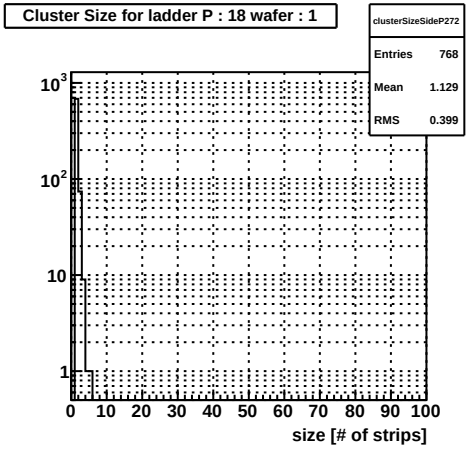

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3354
Mean 1.294
RMS 0.5816
size [# of strips]

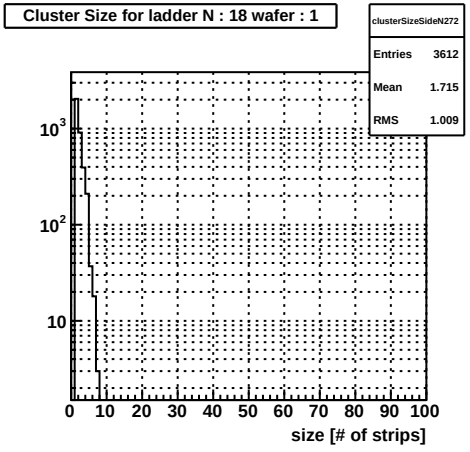

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2955
Mean 1.43
RMS 0.7964
size [# of strips]

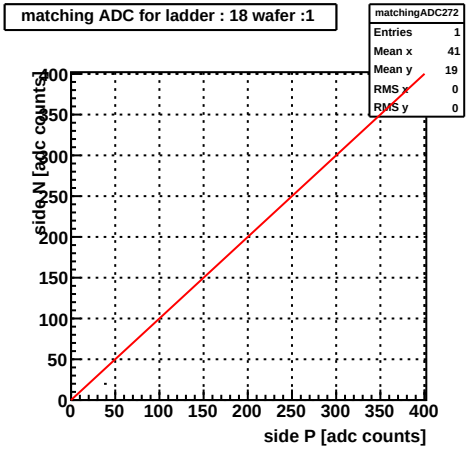

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1349
Mean x 89.75
Mean y 86.59
RMS x 62.07
RMS y 59.3
side N [adc counts]
side P [adc counts]

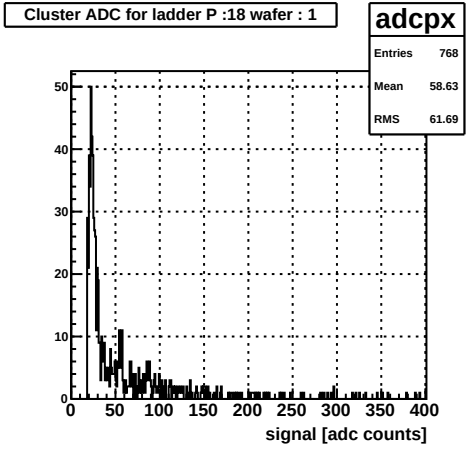

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3354
Mean 57.82
RMS 53.98
signal [adc counts]

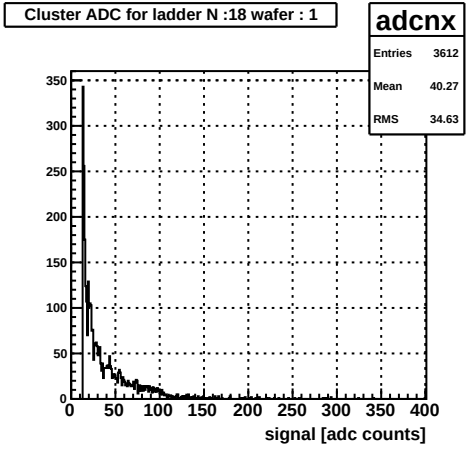

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2955
Mean 59.03
RMS 57.52
signal [adc counts]

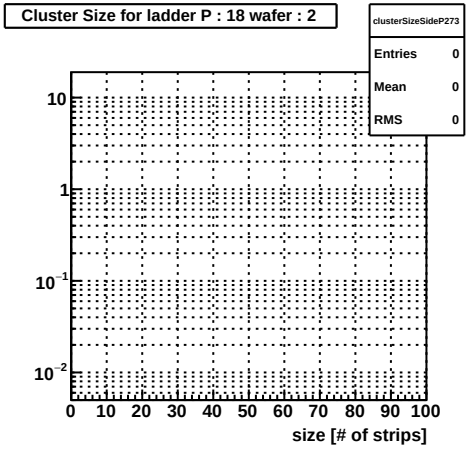

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 768
Mean 1.129
RMS 0.399
size [# of strips]

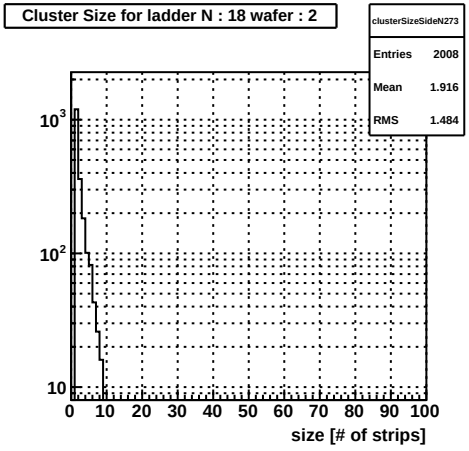

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3612
Mean 1.715
RMS 1.009
size [# of strips]

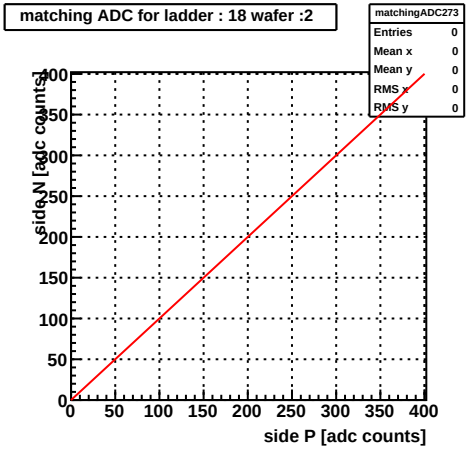

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 41
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

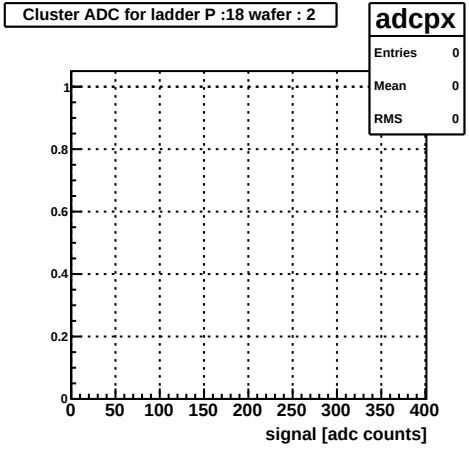

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 768
Mean 58.63
RMS 61.69
signal [adc counts]

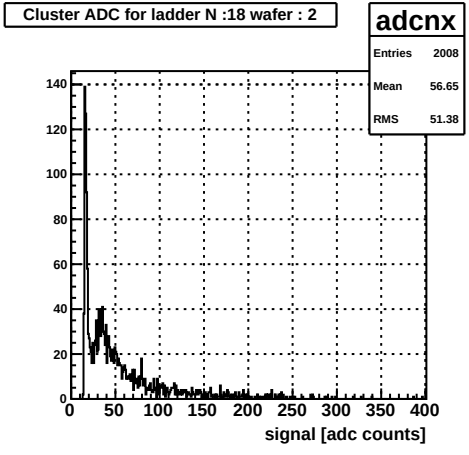

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3612
Mean 40.27
RMS 34.63
signal [adc counts]

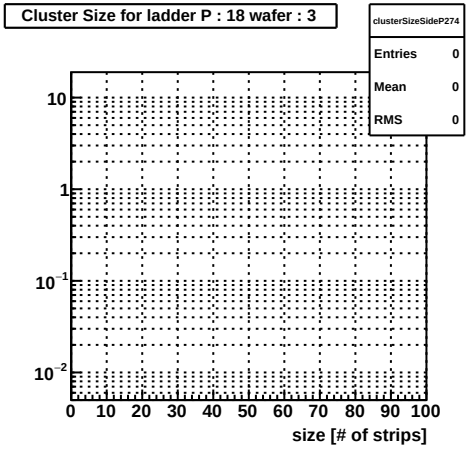

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

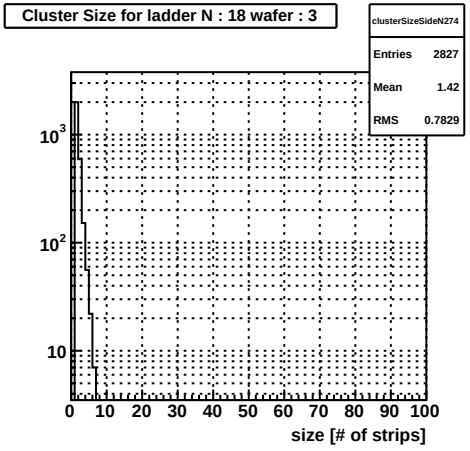

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2008
Mean 1.916
RMS 1.484
size [# of strips]

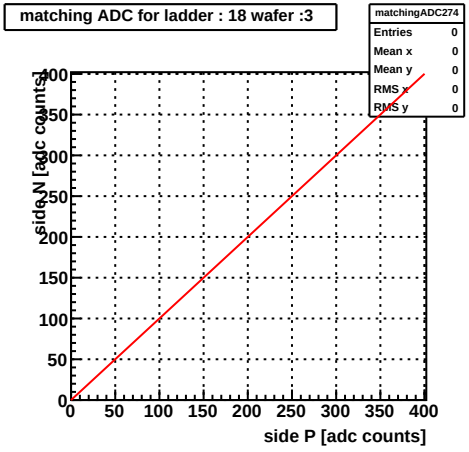

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

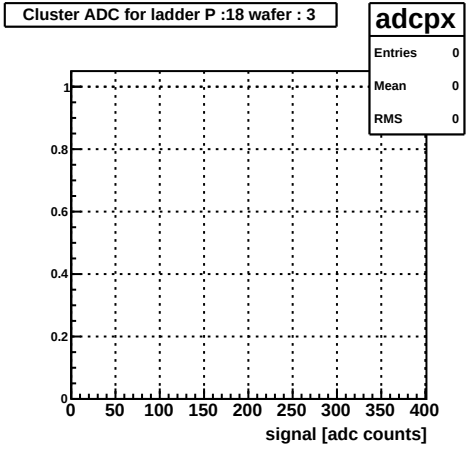

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

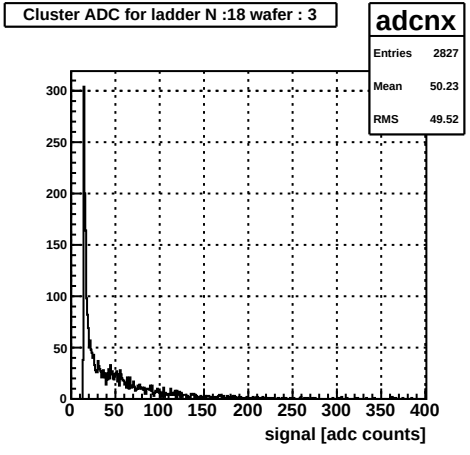

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2008
Mean 56.65
RMS 51.38
signal [adc counts]

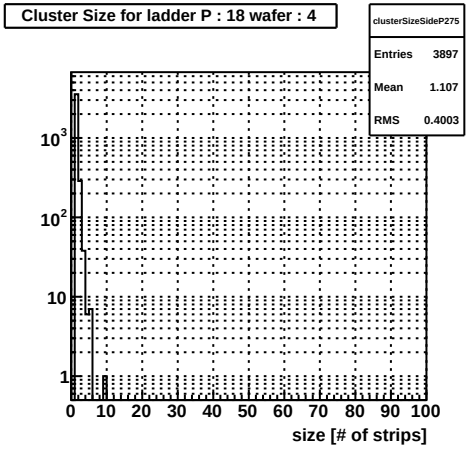

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

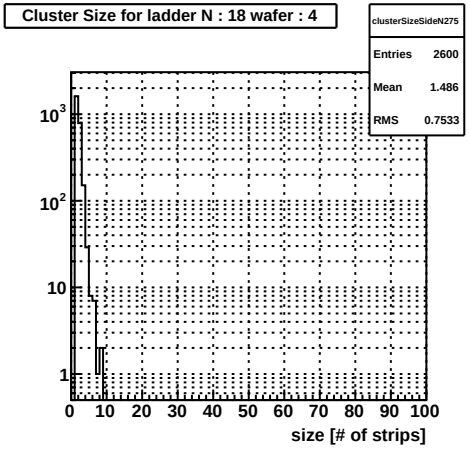

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2827
Mean 1.42
RMS 0.7829
size [# of strips]

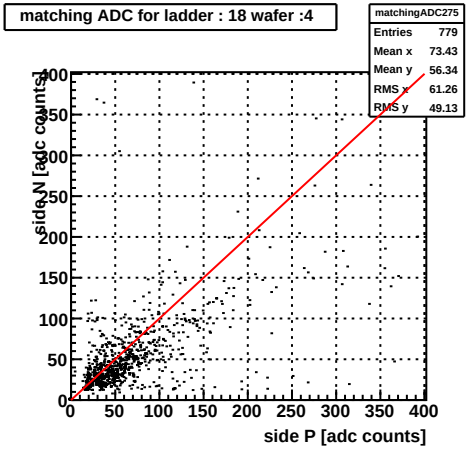

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

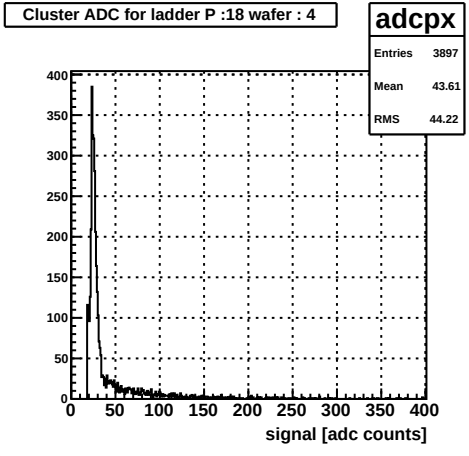

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

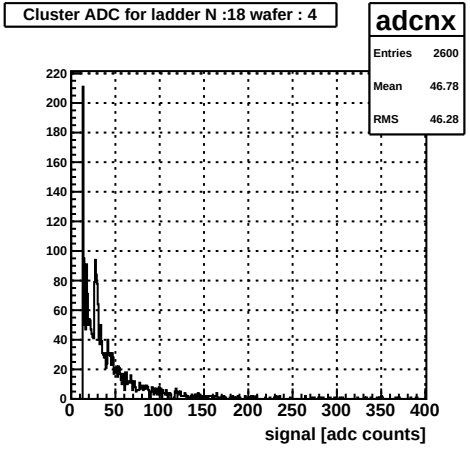

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2827
Mean 50.23
RMS 49.52
signal [adc counts]

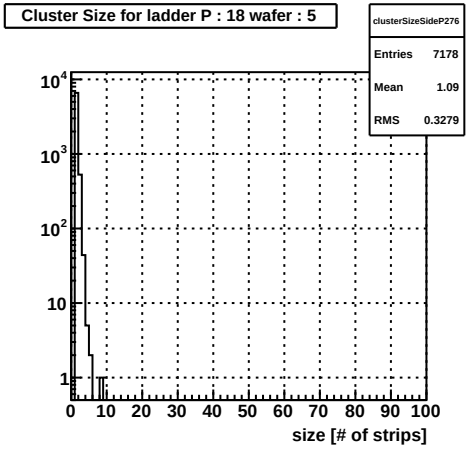

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3897
Mean 1.107
RMS 0.4003
size [# of strips]

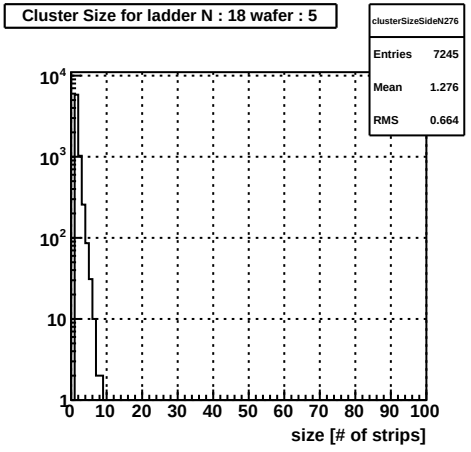

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2600
Mean 1.486
RMS 0.7533
size [# of strips]

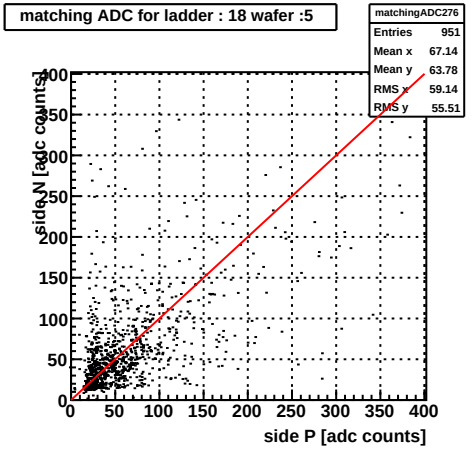

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 779
Mean x 73.43
Mean y 56.34
RMS x 61.26
RMS y 49.13
side N [adc counts]
side P [adc counts]

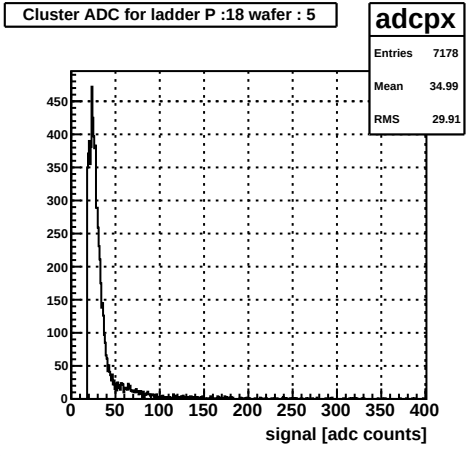

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3897
Mean 43.61
RMS 44.22
signal [adc counts]

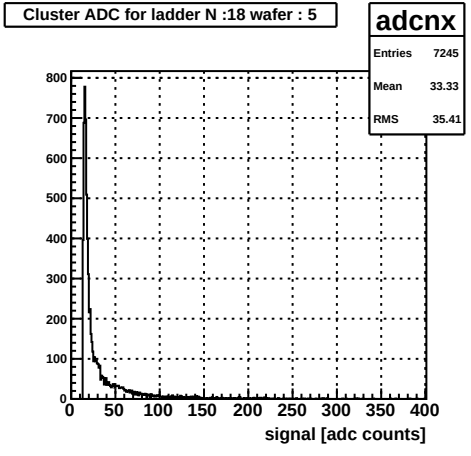

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2600
Mean 46.78
RMS 46.28
signal [adc counts]

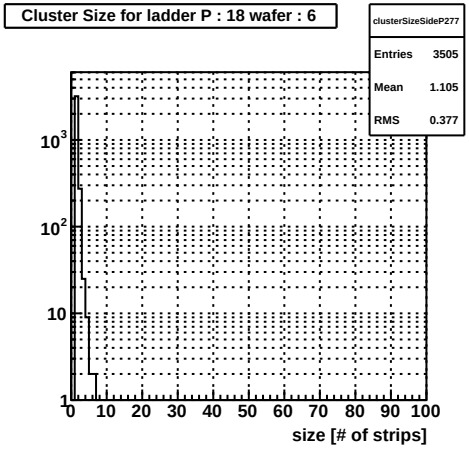

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7178
Mean 1.09
RMS 0.3279
size [# of strips]

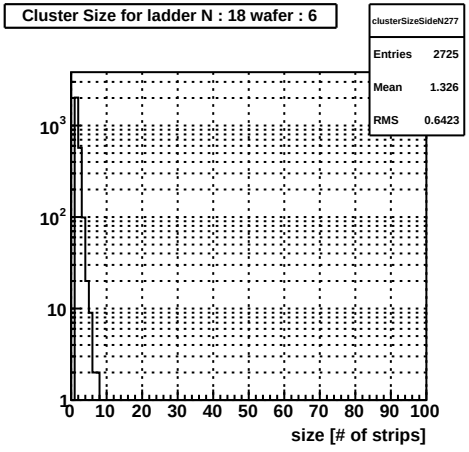

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7245
Mean 1.276
RMS 0.664
size [# of strips]

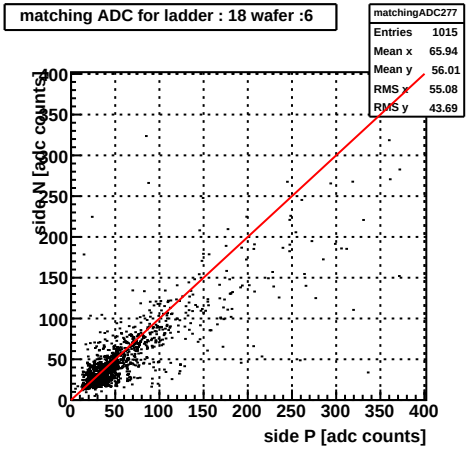

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 951
Mean x 67.14
Mean y 63.78
RMS x 59.14
RMS y 55.51
side N [adc counts]
side P [adc counts]

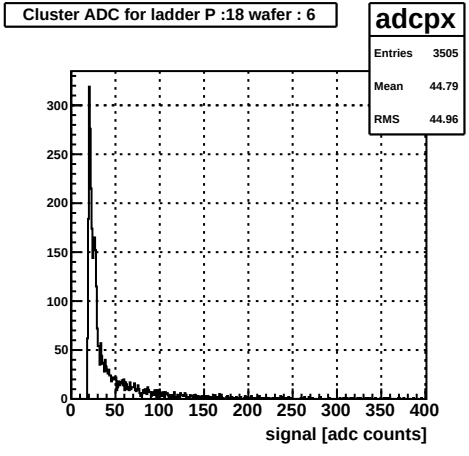

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7178
Mean 34.99
RMS 29.91
signal [adc counts]

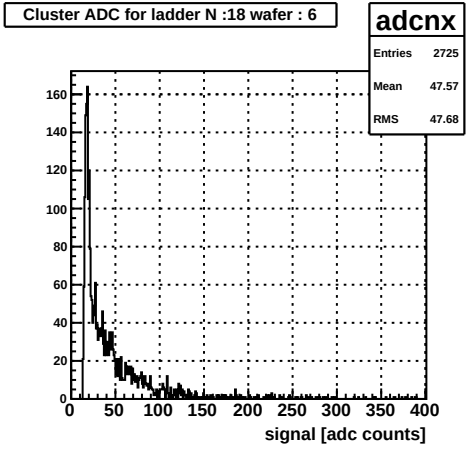

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7245
Mean 33.33
RMS 35.41
signal [adc counts]

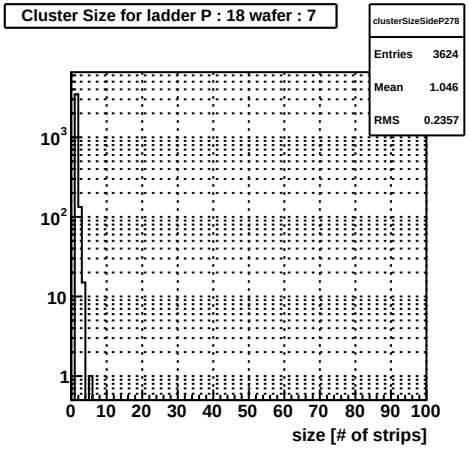

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3505
Mean 1.105
RMS 0.377
size [# of strips]

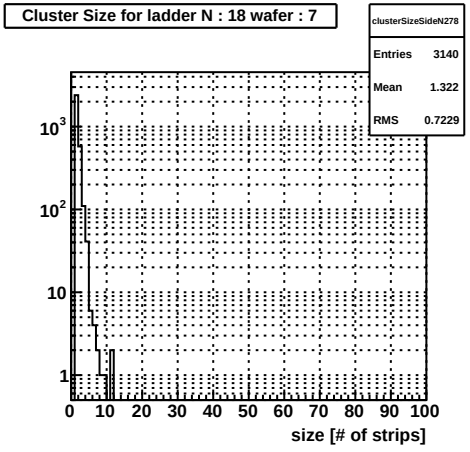

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2725
Mean 1.326
RMS 0.6423
size [# of strips]

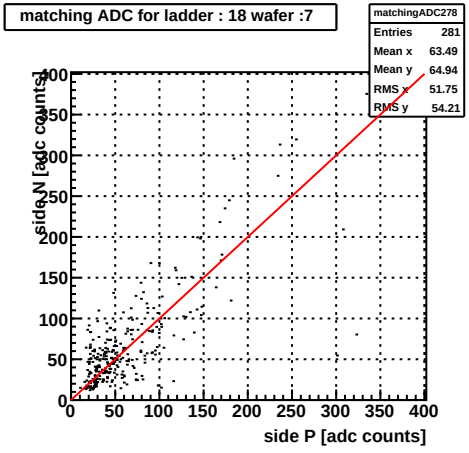

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1015
Mean x 65.94
Mean y 56.01
RMS x 55.08
RMS y 43.69
side N [adc counts]
side P [adc counts]

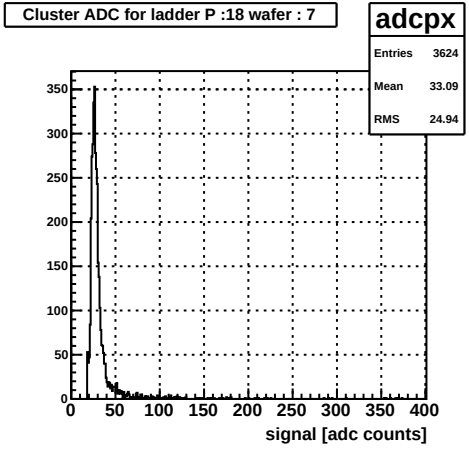

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3505
Mean 44.79
RMS 44.96
signal [adc counts]

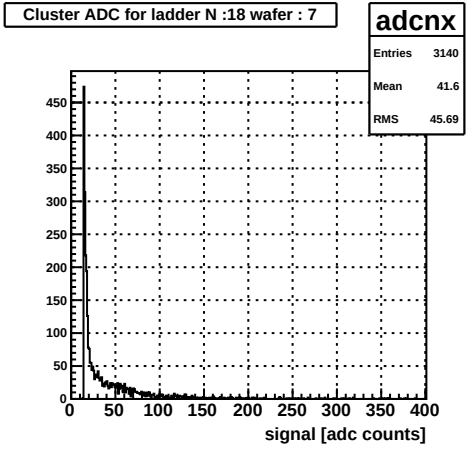

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2725
Mean 47.57
RMS 47.68
signal [adc counts]

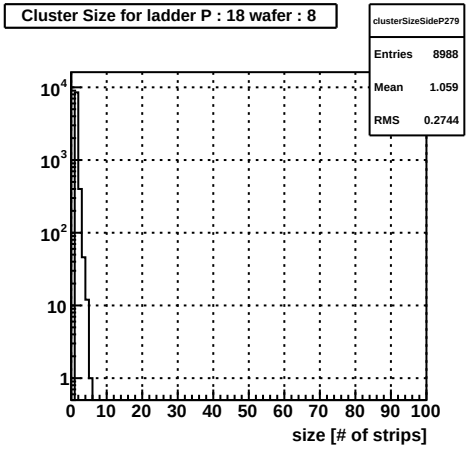

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3624
Mean 1.046
RMS 0.2357
size [# of strips]

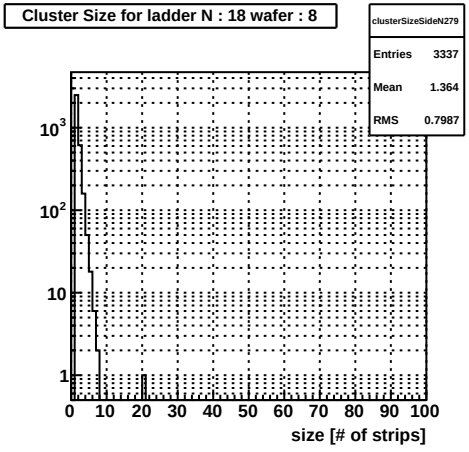

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3140
Mean 1.322
RMS 0.7229
size [# of strips]

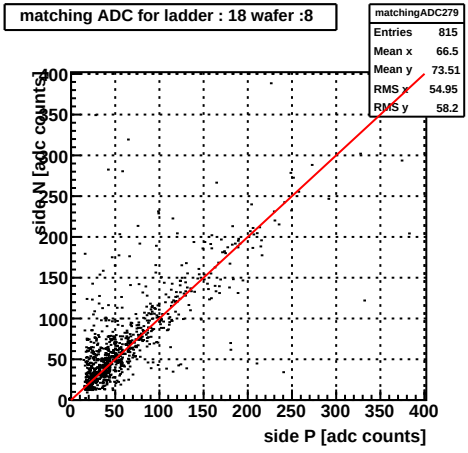

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 281
Mean x 63.49
Mean y 64.94
RMS x 51.75
RMS y 54.21
side N [adc counts]
side P [adc counts]

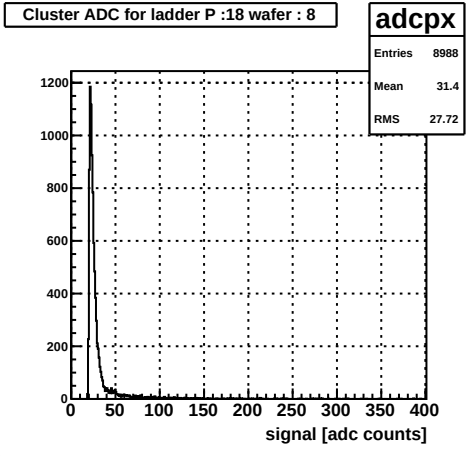

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3624
Mean 33.09
RMS 24.94
signal [adc counts]

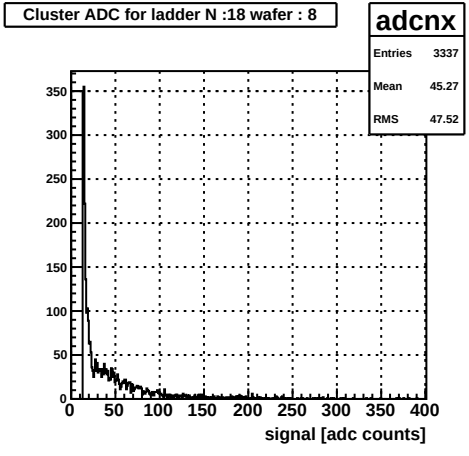

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3140
Mean 41.6
RMS 45.69
signal [adc counts]

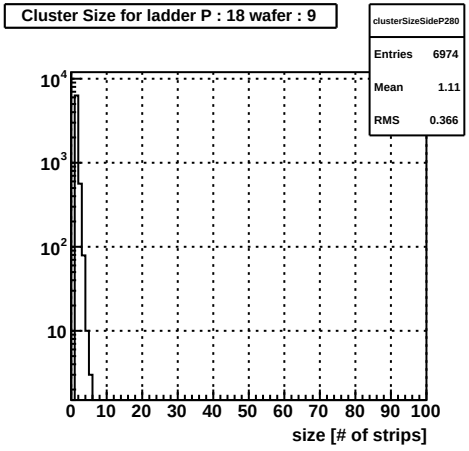

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8988
Mean 1.059
RMS 0.2744
size [# of strips]

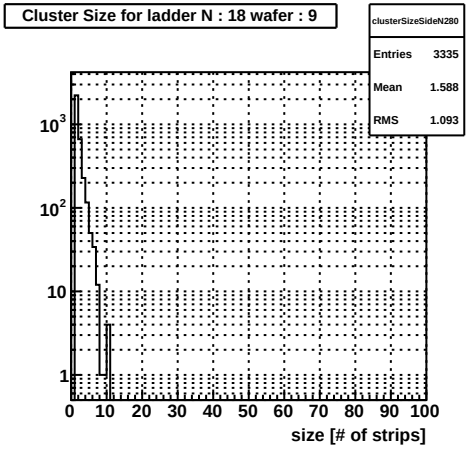

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3337
Mean 1.364
RMS 0.7987
size [# of strips]

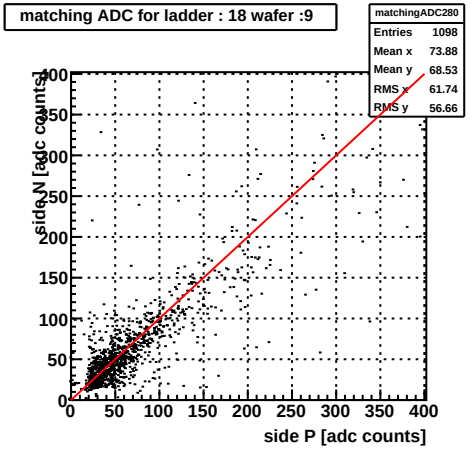

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 815
Mean x 66.5
Mean y 73.51
RMS x 54.95
RMS y 58.2
side N [adc counts]
side P [adc counts]

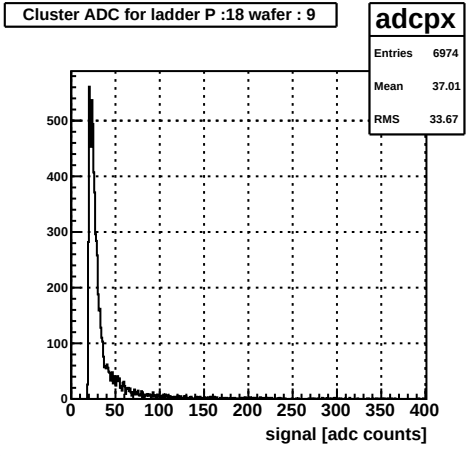

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8988
Mean 31.4
RMS 27.72
signal [adc counts]

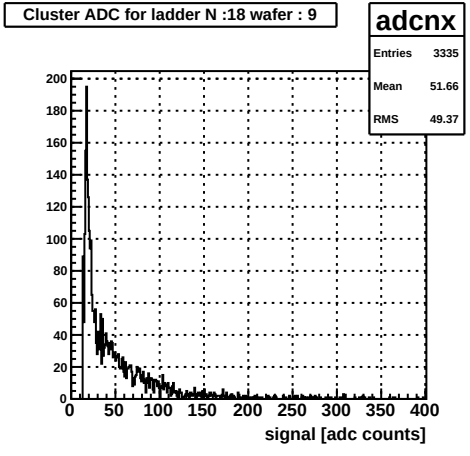

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3337
Mean 45.27
RMS 47.52
signal [adc counts]

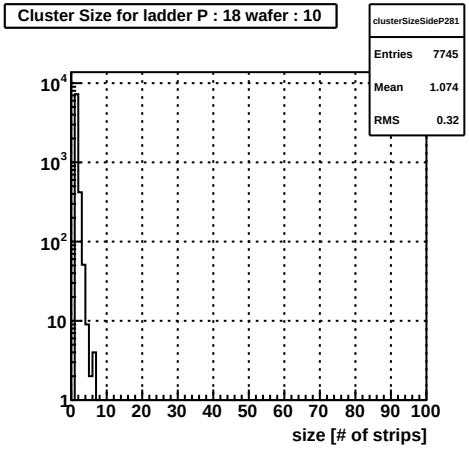

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6974
Mean 1.11
RMS 0.366
size [# of strips]

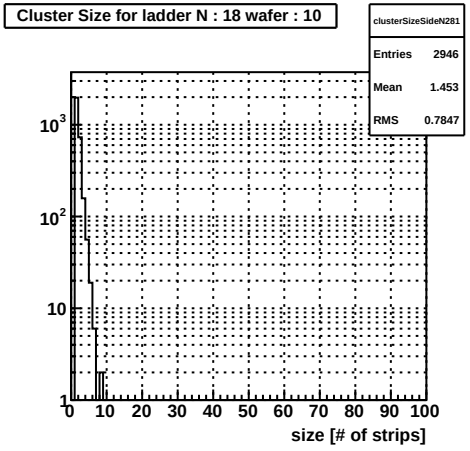

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3335
Mean 1.588
RMS 1.093
size [# of strips]

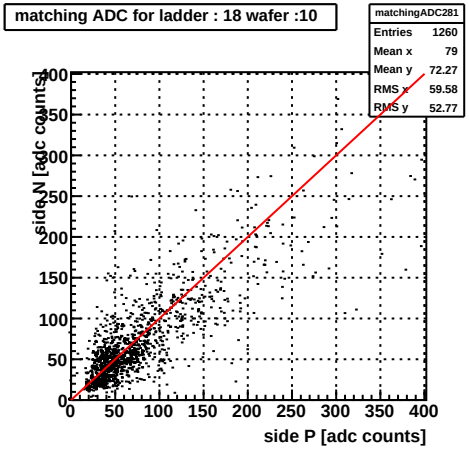

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1098
Mean x 73.88
Mean y 68.53
RMS x 61.74
RMS y 56.66
side N [adc counts]
side P [adc counts]

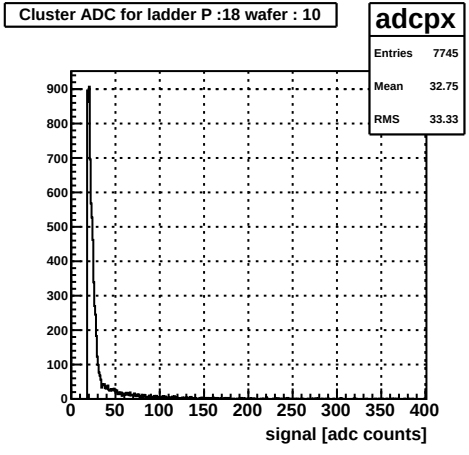

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6974
Mean 37.01
RMS 33.67
signal [adc counts]

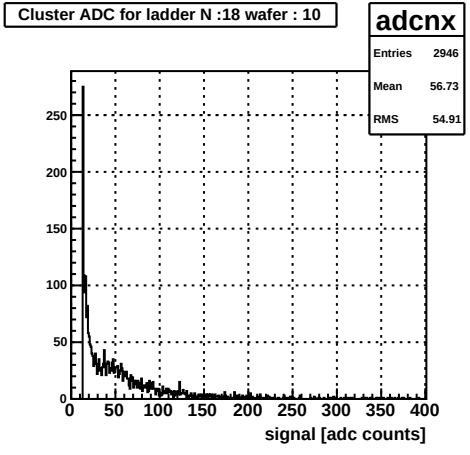

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3335
Mean 51.66
RMS 49.37
signal [adc counts]

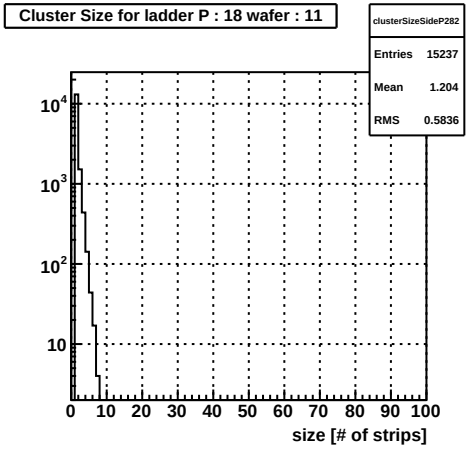

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7745
Mean 1.074
RMS 0.32
size [# of strips]

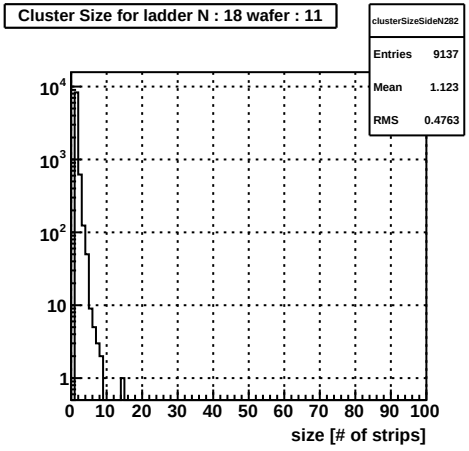

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2946
Mean 1.453
RMS 0.7847
size [# of strips]

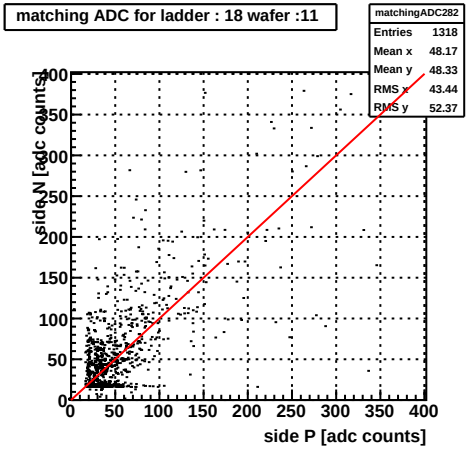

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1260
Mean x 79
Mean y 72.27
RMS x 59.58
RMS y 52.77
side N [adc counts]
side P [adc counts]

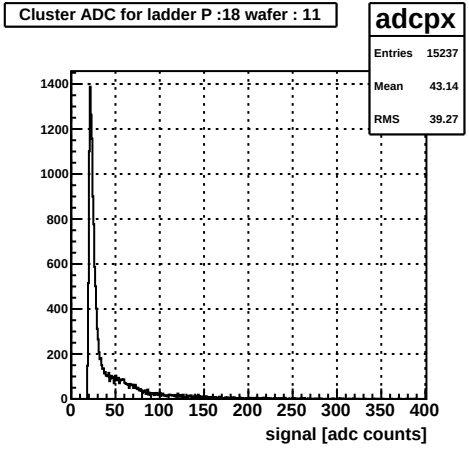

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7745
Mean 32.75
RMS 33.33
signal [adc counts]

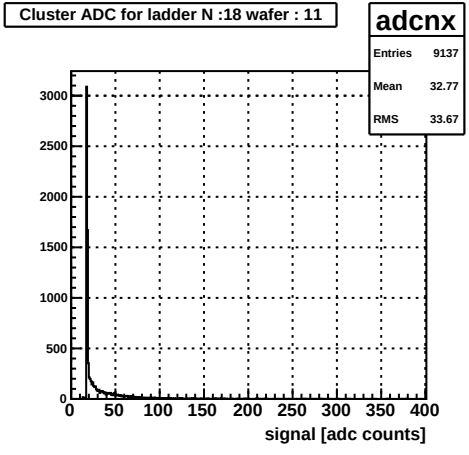

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2946
Mean 56.73
RMS 54.91
signal [adc counts]

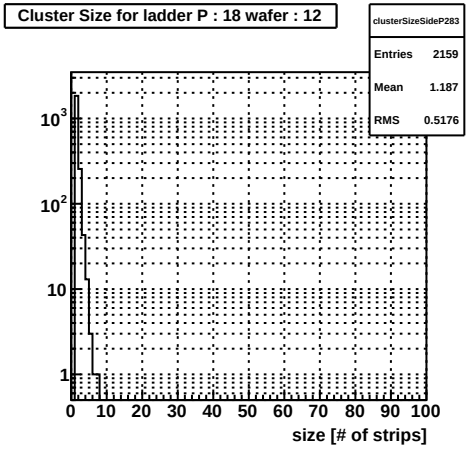

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 15237
Mean 1.204
RMS 0.5836
size [# of strips]

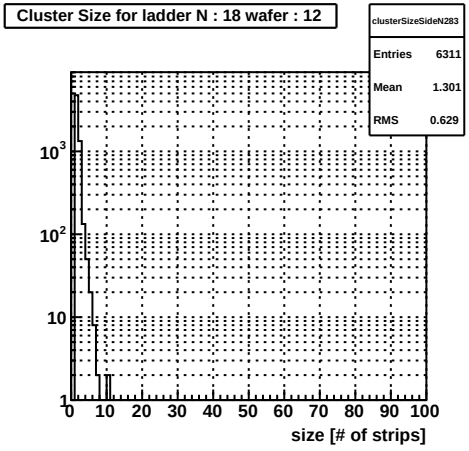

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9137
Mean 1.123
RMS 0.4763
size [# of strips]

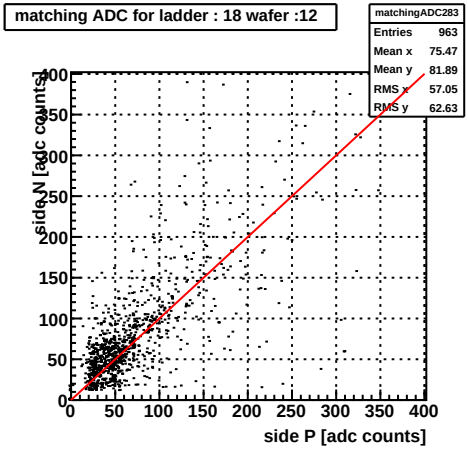

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1318
Mean x 48.17
Mean y 48.33
RMS x 43.44
RMS y 52.37
side N [adc counts]
side P [adc counts]

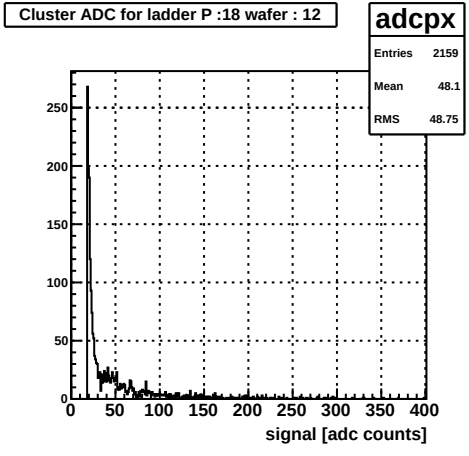

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 15237
Mean 43.14
RMS 39.27
signal [adc counts]

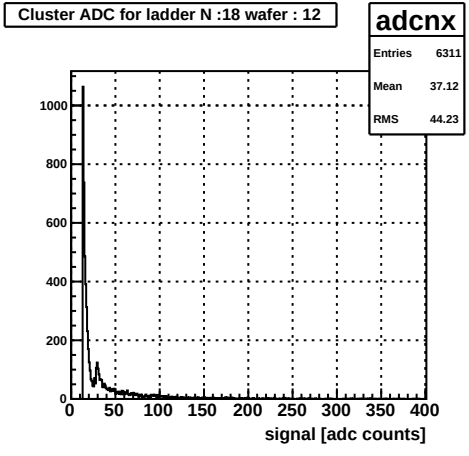

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9137
Mean 32.77
RMS 33.67
signal [adc counts]

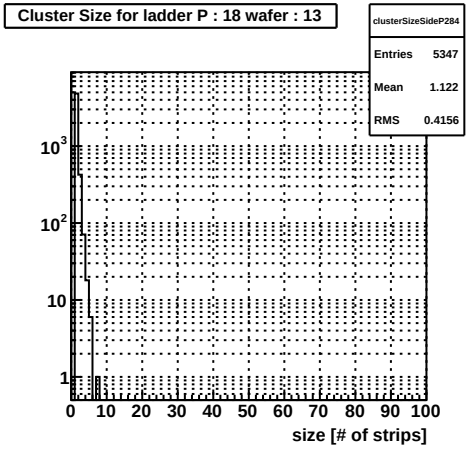

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2159
Mean 1.187
RMS 0.5176
size [# of strips]

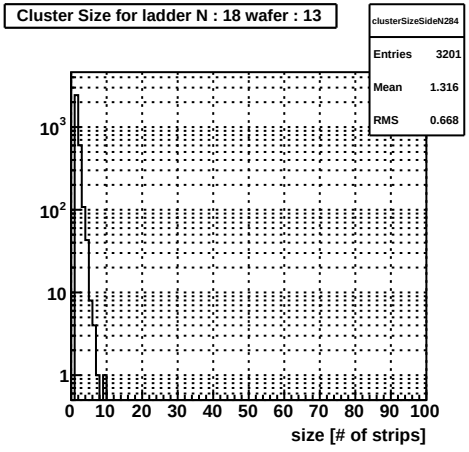

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6311
Mean 1.301
RMS 0.629
size [# of strips]

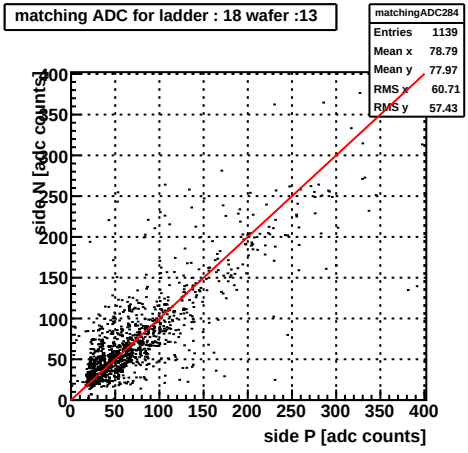

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 963
Mean x 75.47
Mean y 81.89
RMS x 57.05
RMS y 62.63
side N [adc counts]
side P [adc counts]

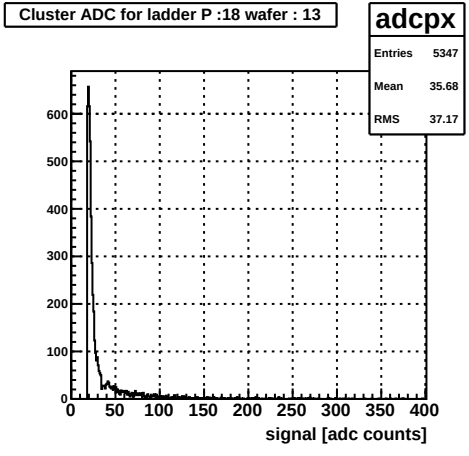

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2159
Mean 48.1
RMS 48.75
signal [adc counts]

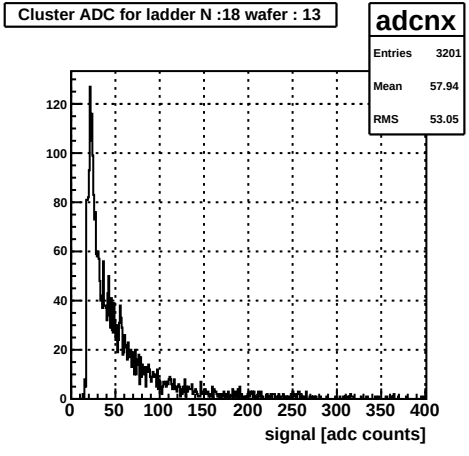

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6311
Mean 37.12
RMS 44.23
signal [adc counts]

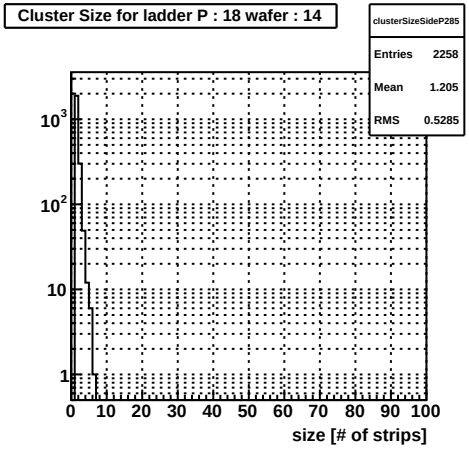

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5347
Mean 1.122
RMS 0.4156
size [# of strips]

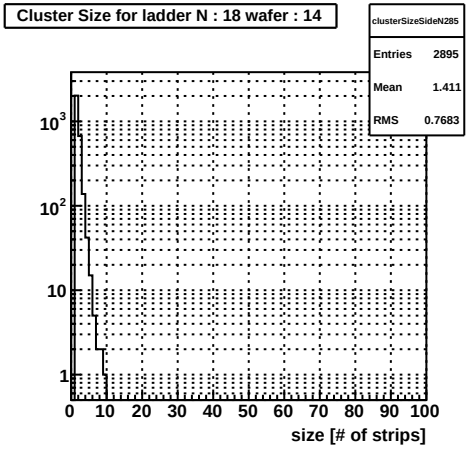

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3201
Mean 1.316
RMS 0.668
size [# of strips]

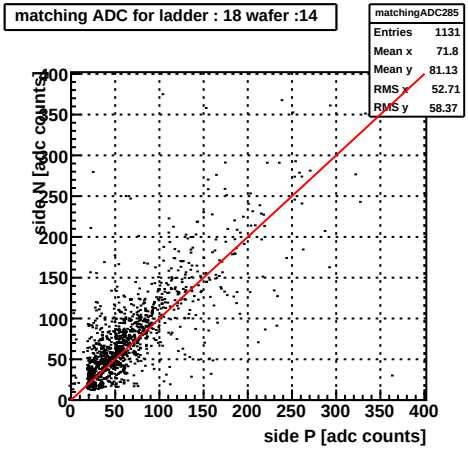

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1139
Mean x 78.79
Mean y 77.97
RMS x 60.71
RMS y 57.43
side N [adc counts]
side P [adc counts]

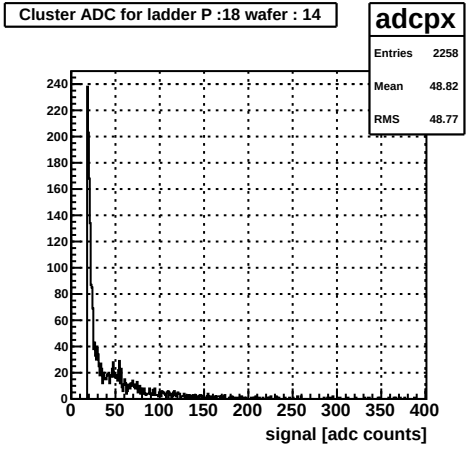

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5347
Mean 35.68
RMS 37.17
signal [adc counts]

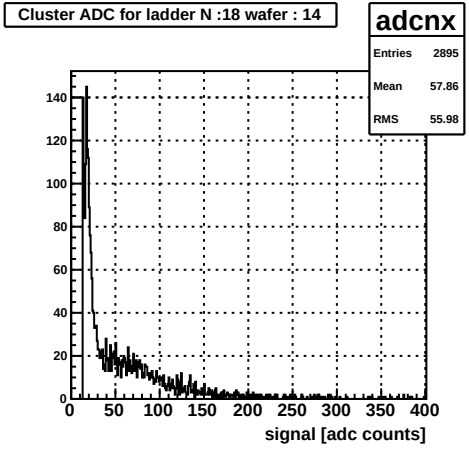

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3201
Mean 57.94
RMS 53.05
signal [adc counts]

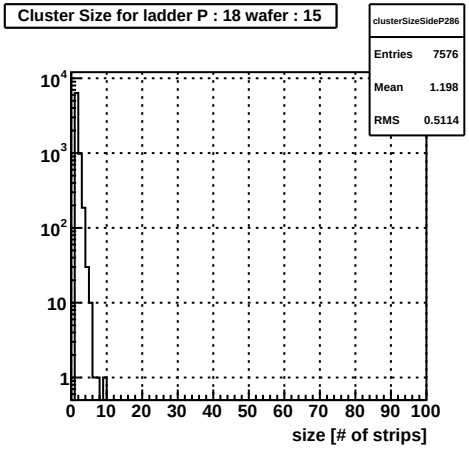

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2258
Mean 1.205
RMS 0.5285
size [# of strips]

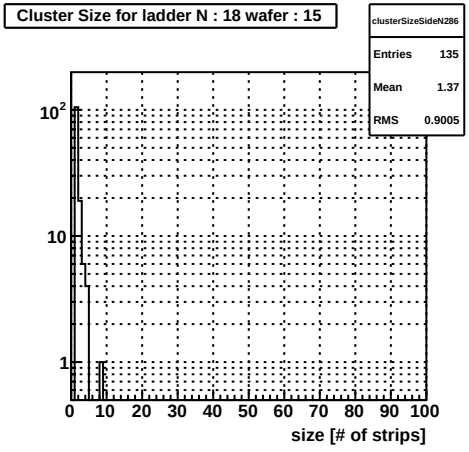

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2895
Mean 1.411
RMS 0.7683
size [# of strips]

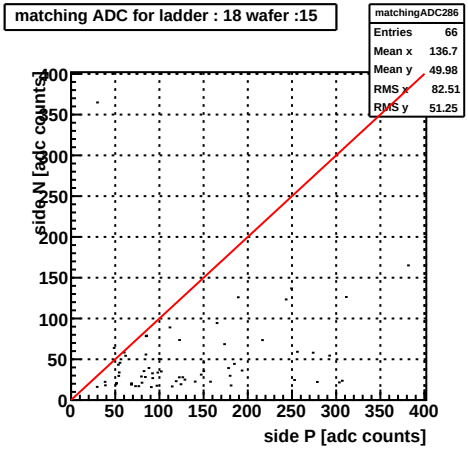

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1131
Mean x 71.8
Mean y 81.13
RMS x 52.71
RMS y 58.37
side N [adc counts]
side P [adc counts]

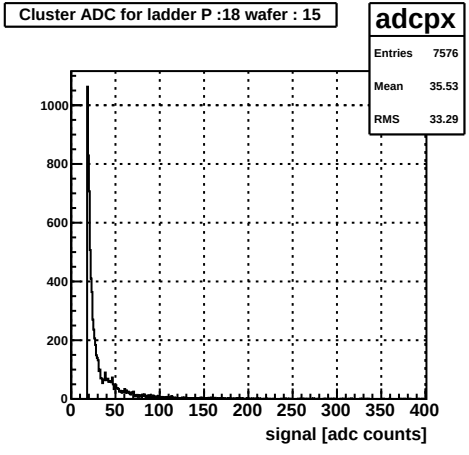

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2258
Mean 48.82
RMS 48.77
signal [adc counts]

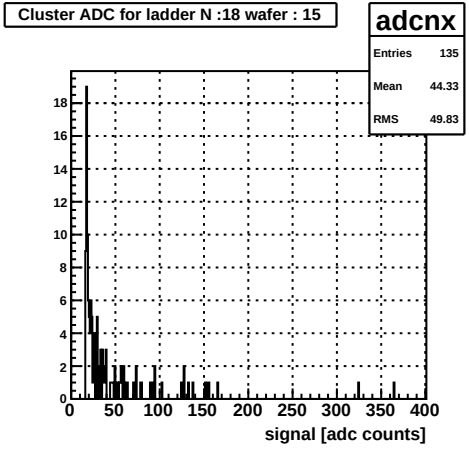

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2895
Mean 57.86
RMS 55.98
signal [adc counts]

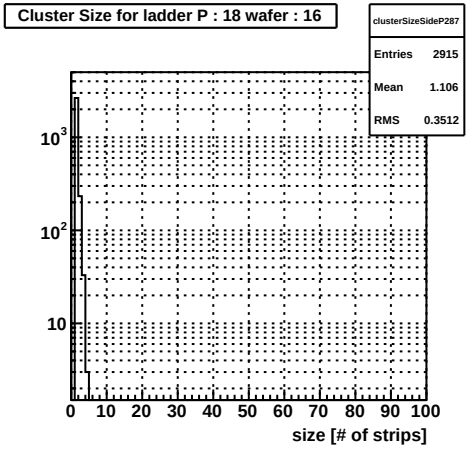

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7576
Mean 1.198
RMS 0.5114
size [# of strips]

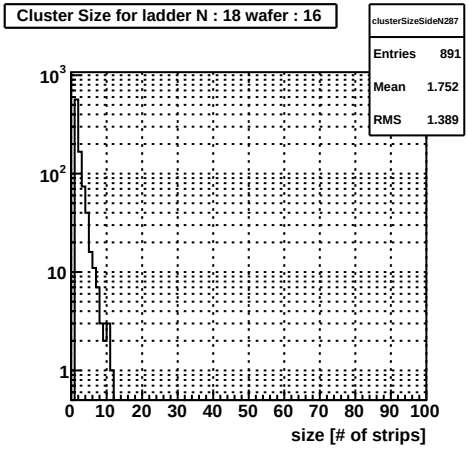

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 135
Mean 1.37
RMS 0.9005
size [# of strips]

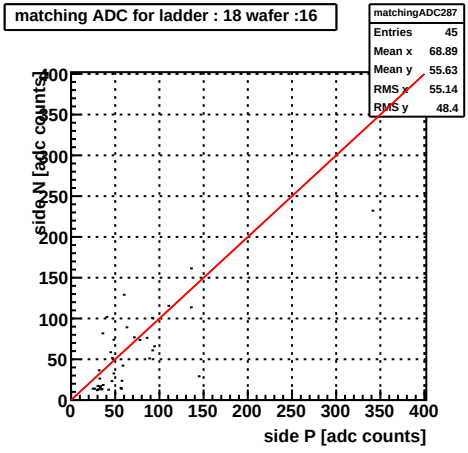

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 66
Mean x 136.7
Mean y 49.98
RMS x 82.51
RMS y 51.25
side N [adc counts]
side P [adc counts]

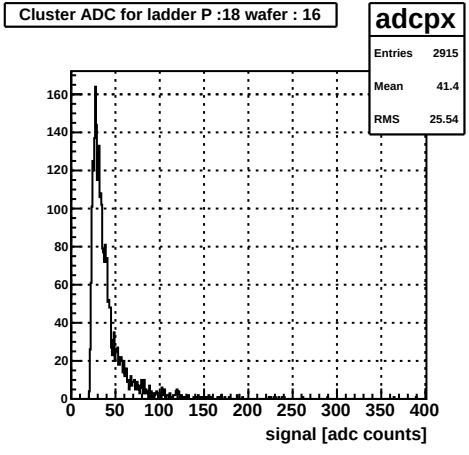

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7576
Mean 35.53
RMS 33.29
signal [adc counts]

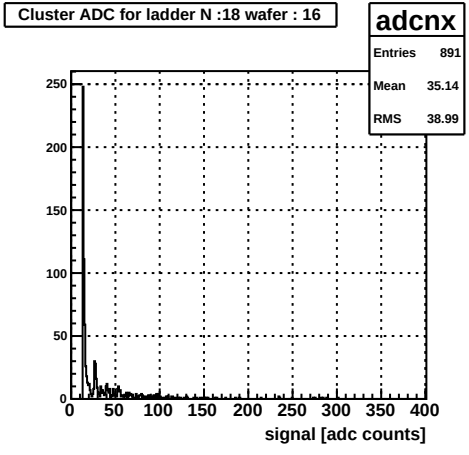

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 135
Mean 44.33
RMS 49.83
signal [adc counts]

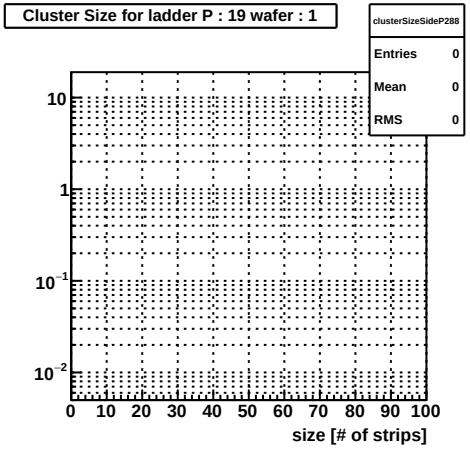

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2915
Mean 1.106
RMS 0.3512
size [# of strips]

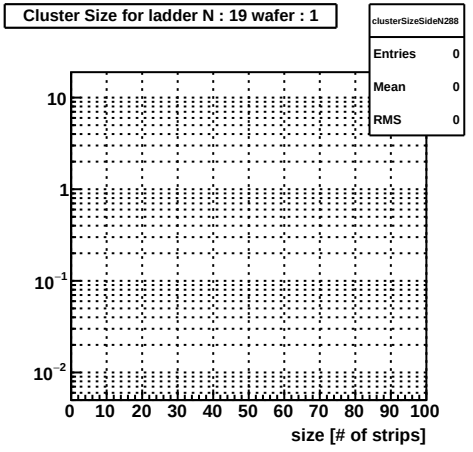

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 891
Mean 1.752
RMS 1.389
size [# of strips]

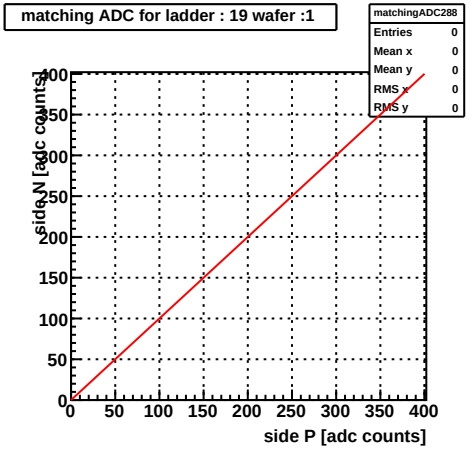

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 45
Mean x 68.89
Mean y 55.63
RMS x 55.14
RMS y 48.4
side N [adc counts]
side P [adc counts]

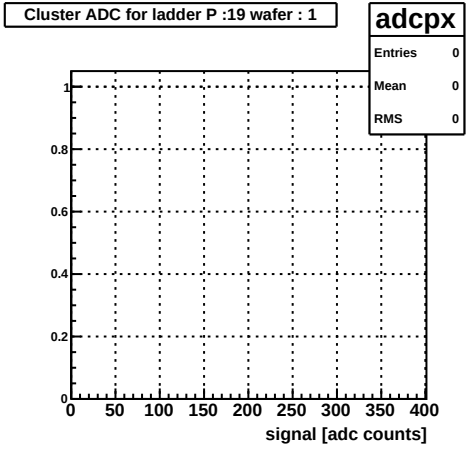

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2915
Mean 41.4
RMS 25.54
signal [adc counts]

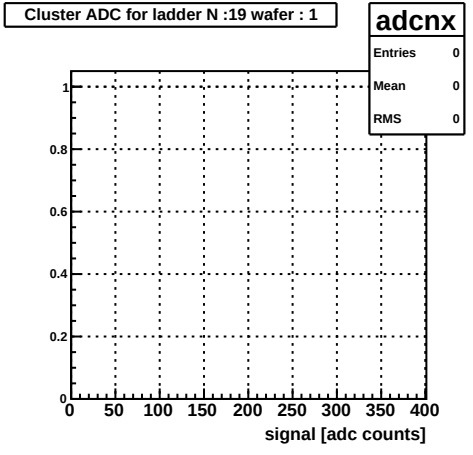

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 891
Mean 35.14
RMS 38.99
signal [adc counts]

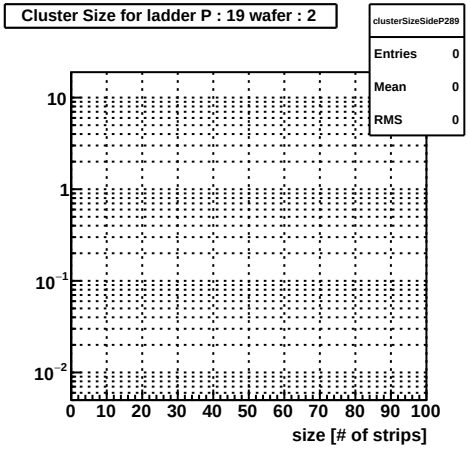

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

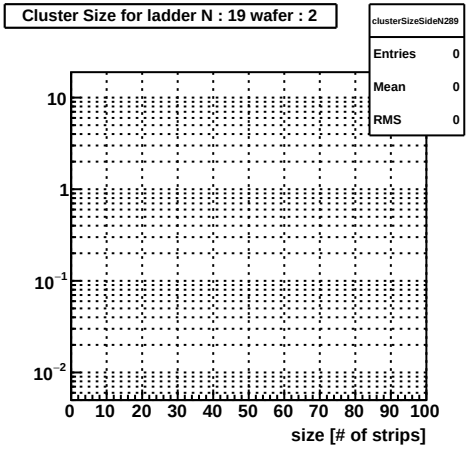

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

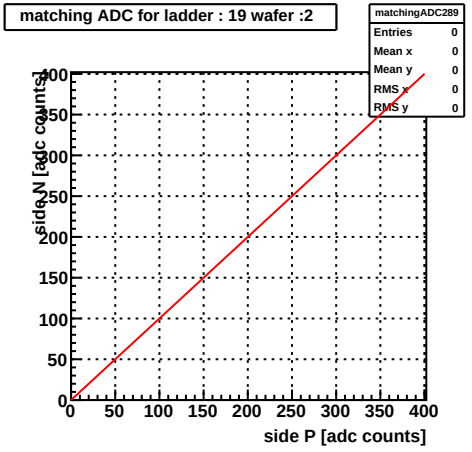

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

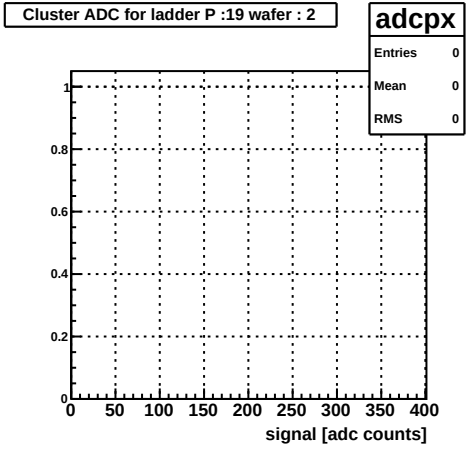

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

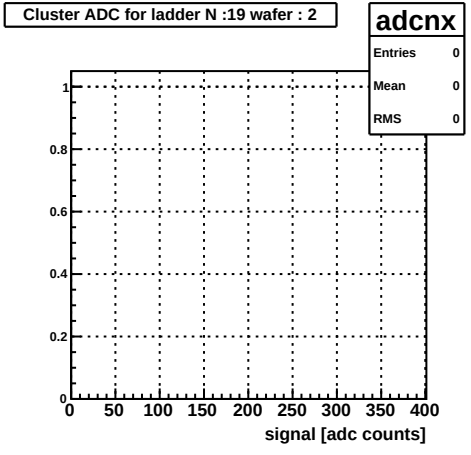

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

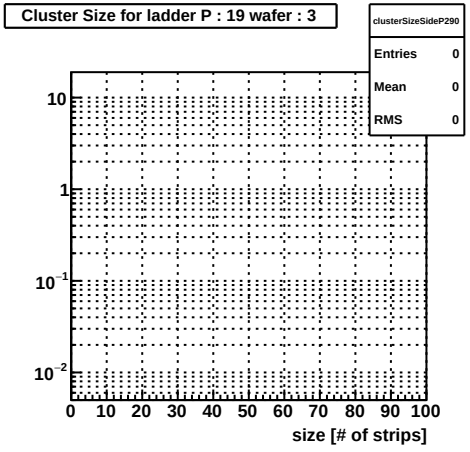

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

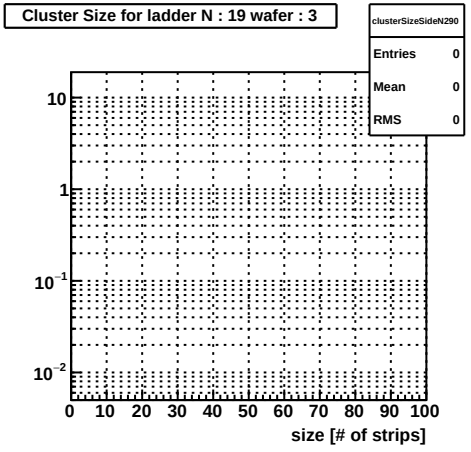

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

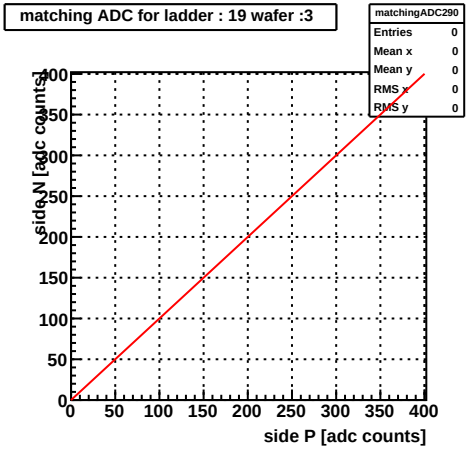

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

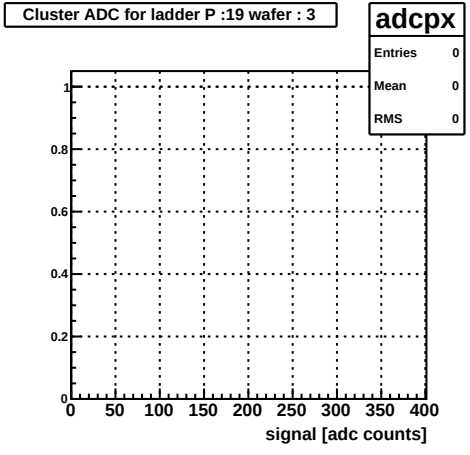

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

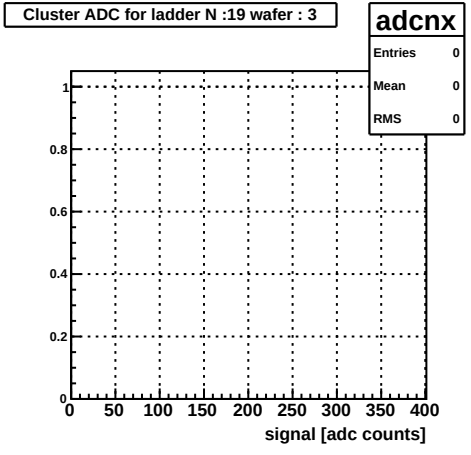

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

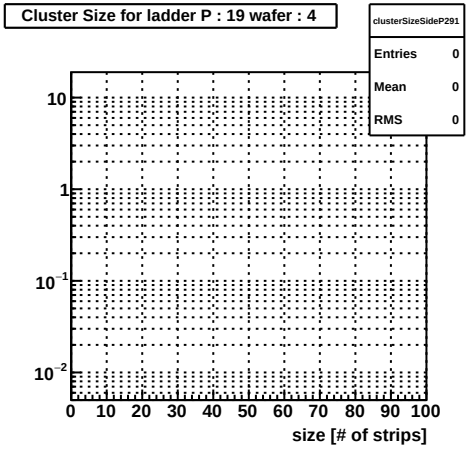

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

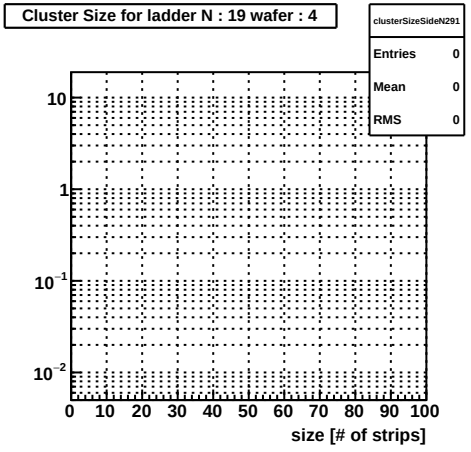

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

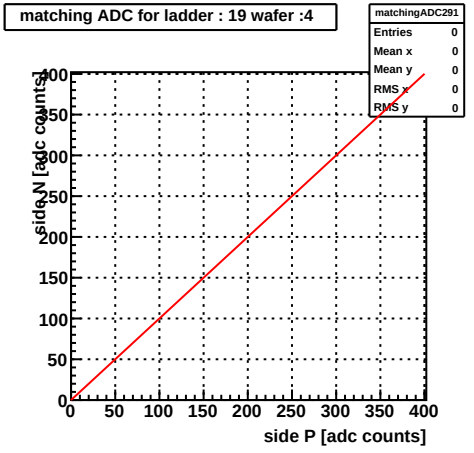

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

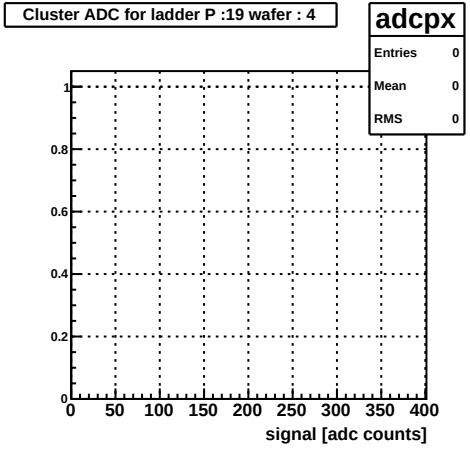

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

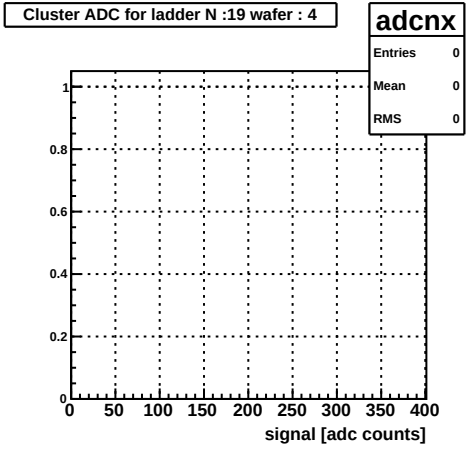

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

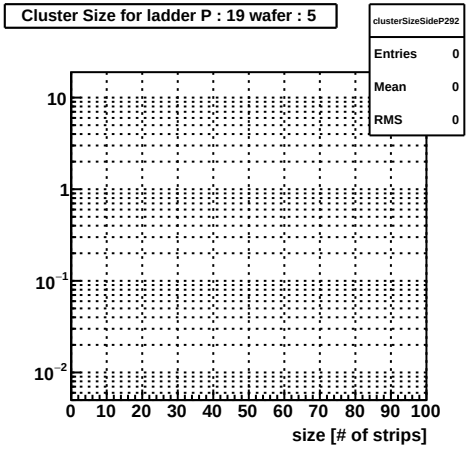

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

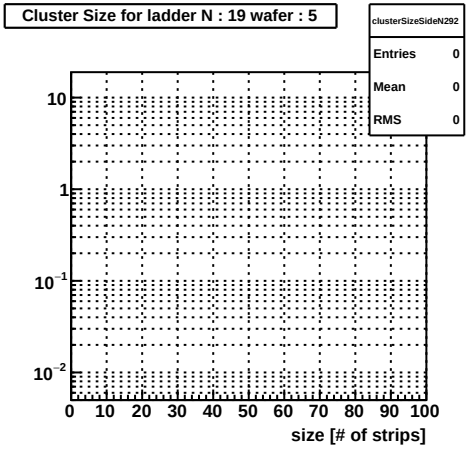

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

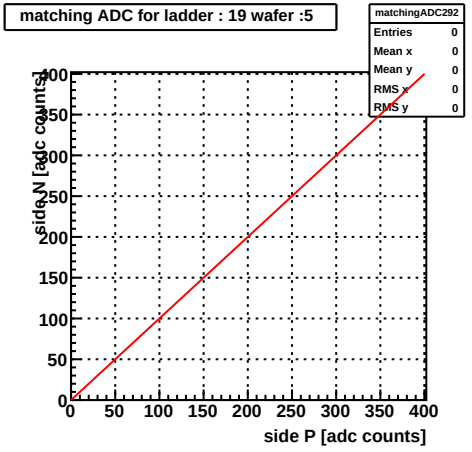

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

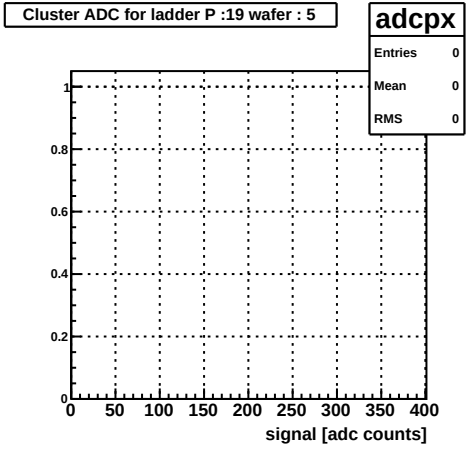

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

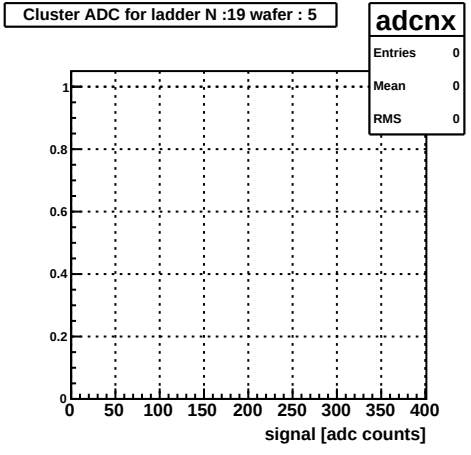

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

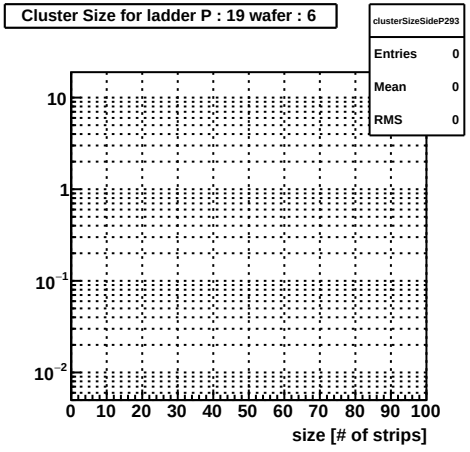

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

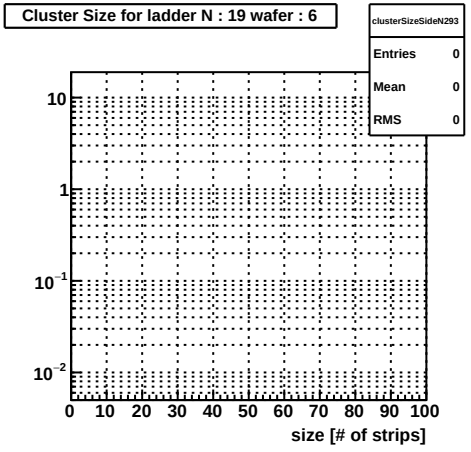

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

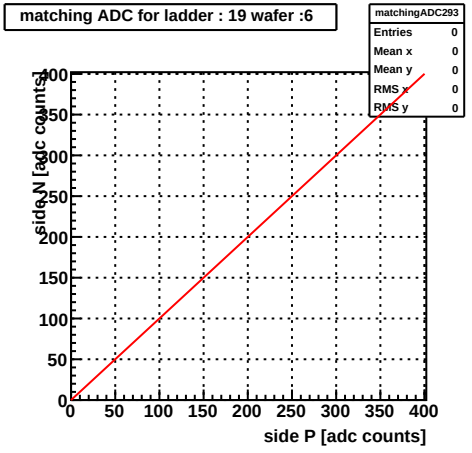

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

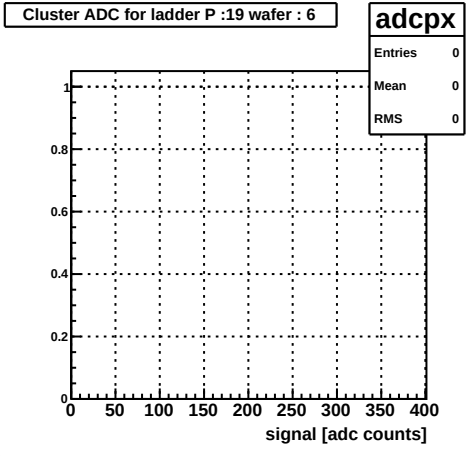

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

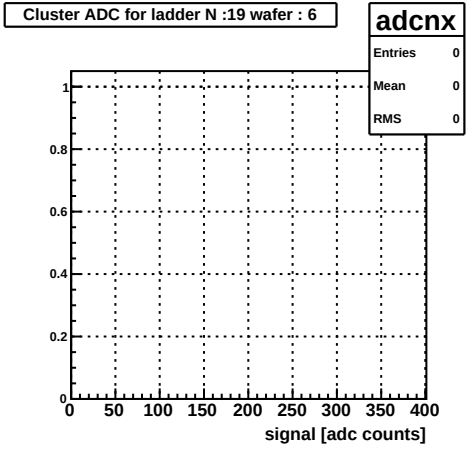

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

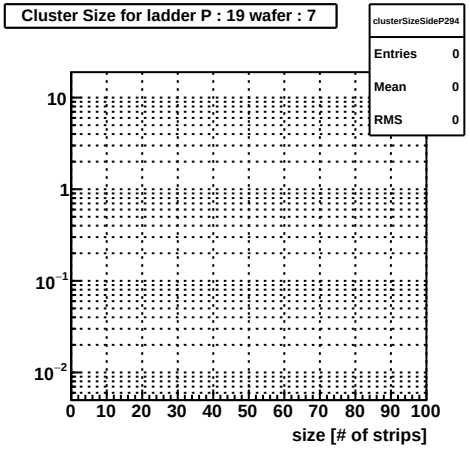

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

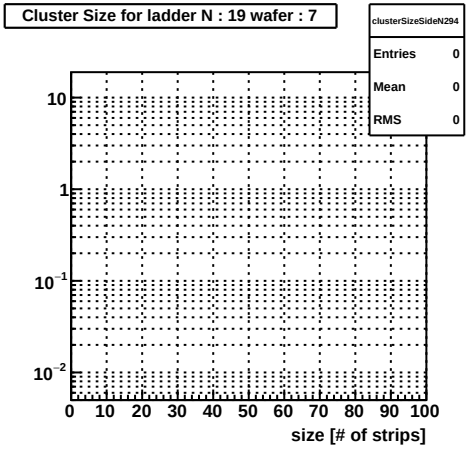

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

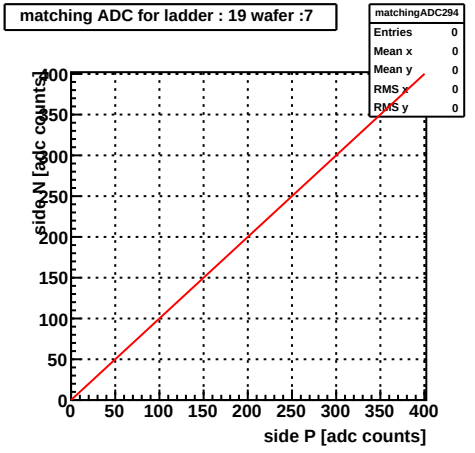

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

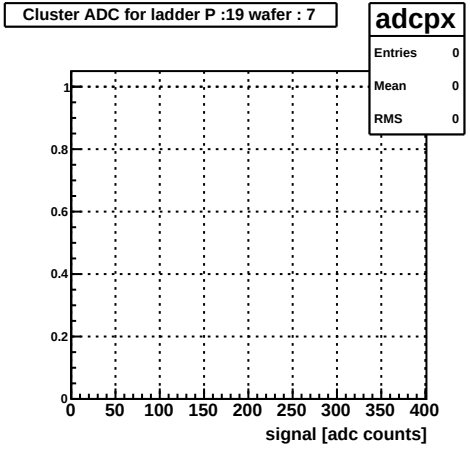

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

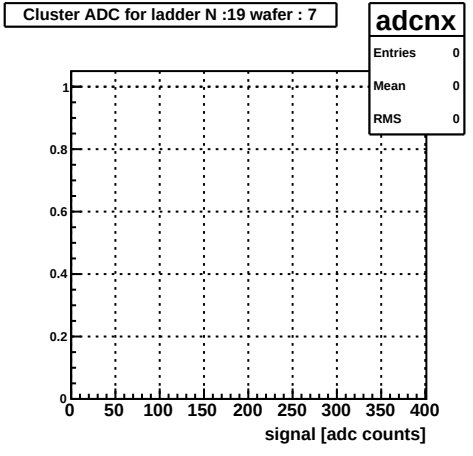

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

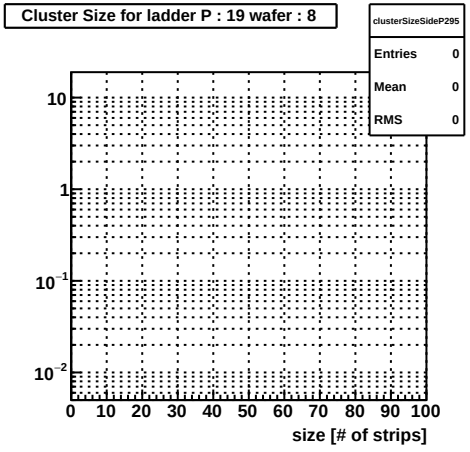

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

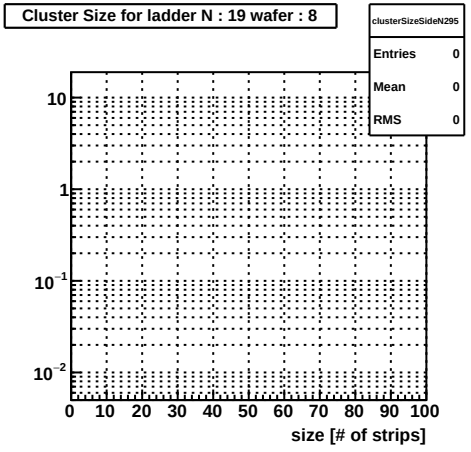

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

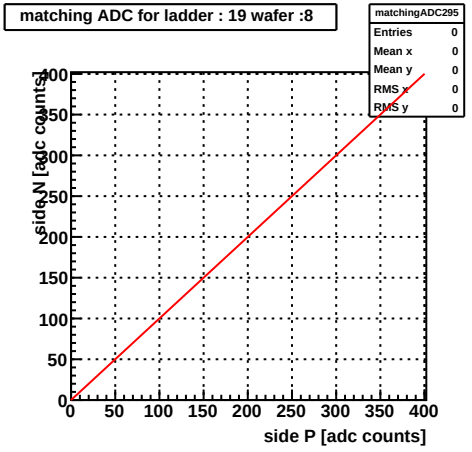

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

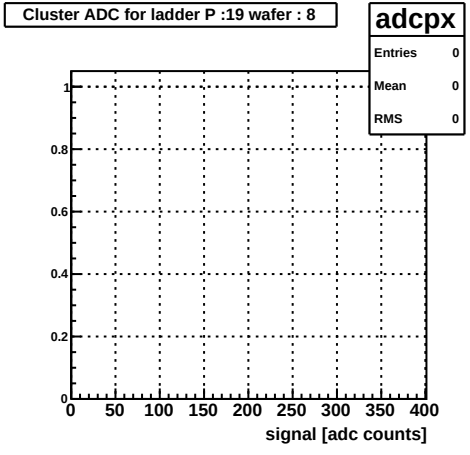

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

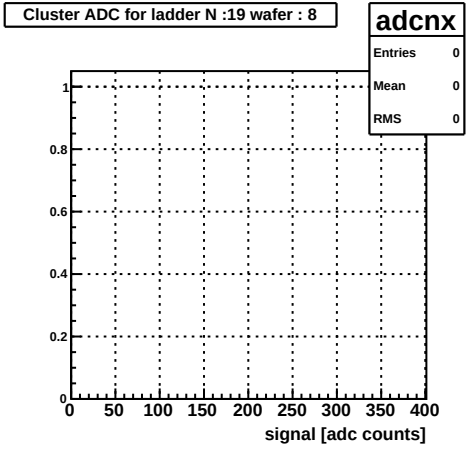

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

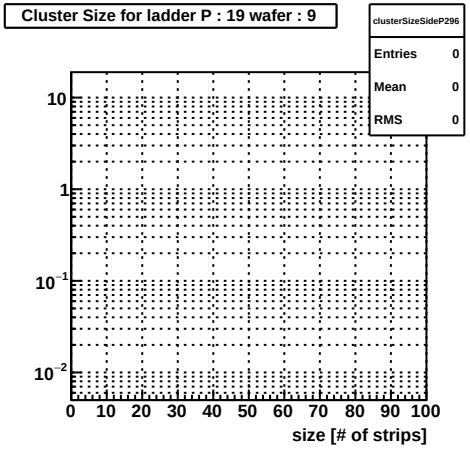

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

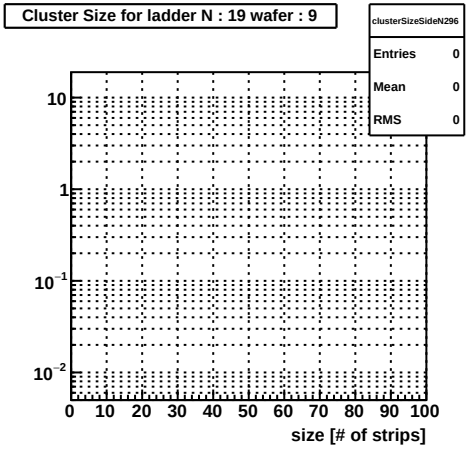

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

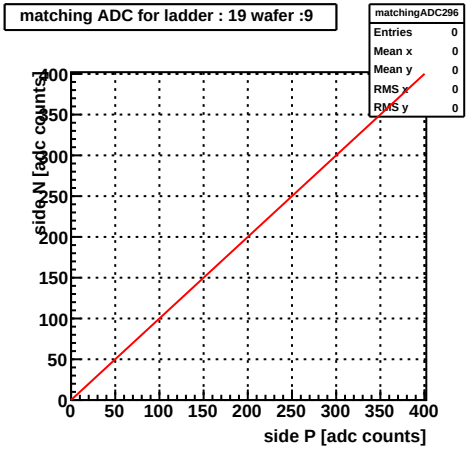

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

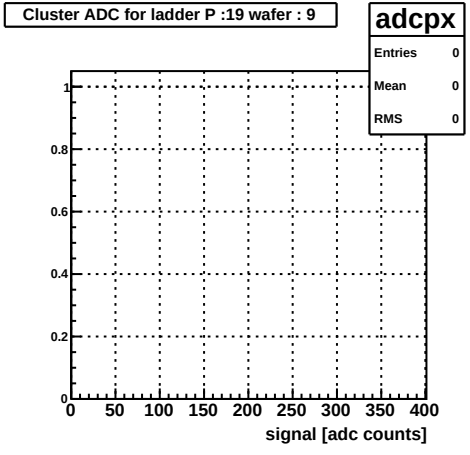

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

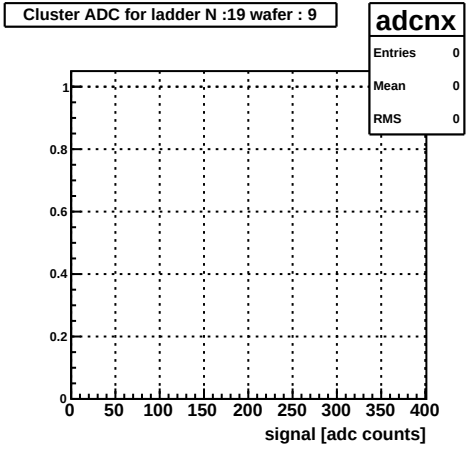

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

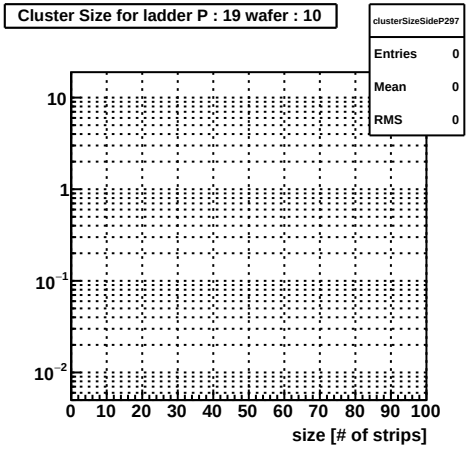

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

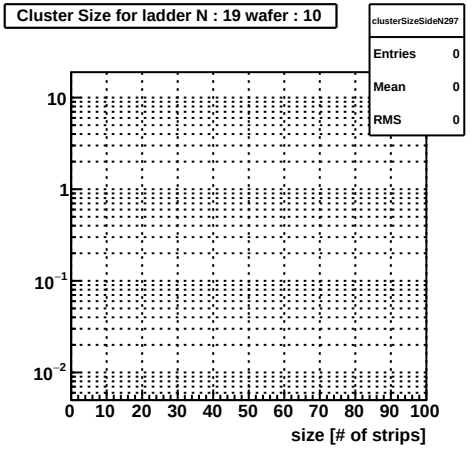

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

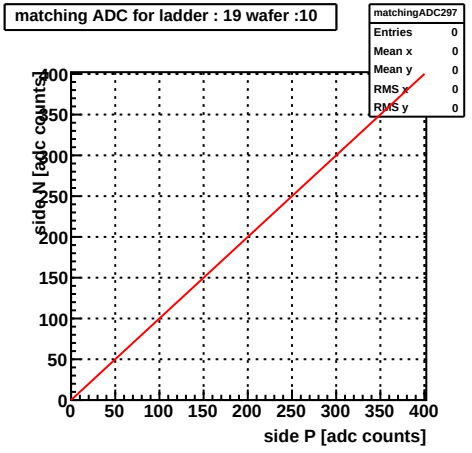

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

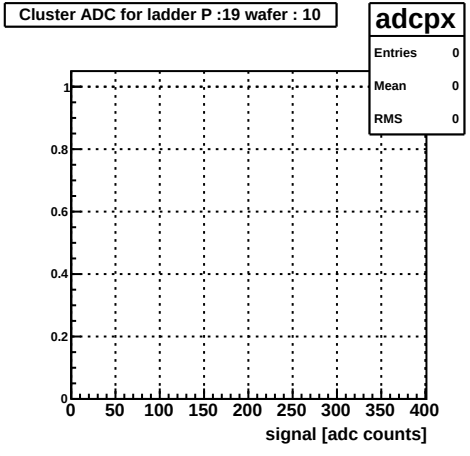

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

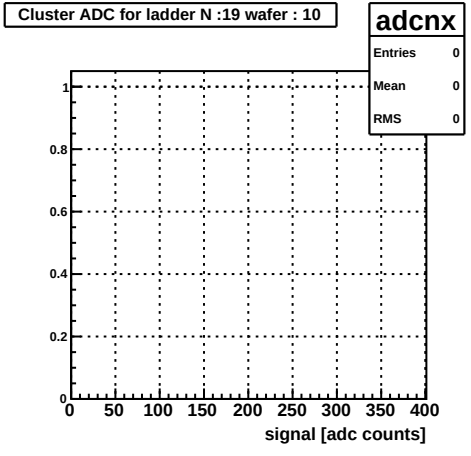

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

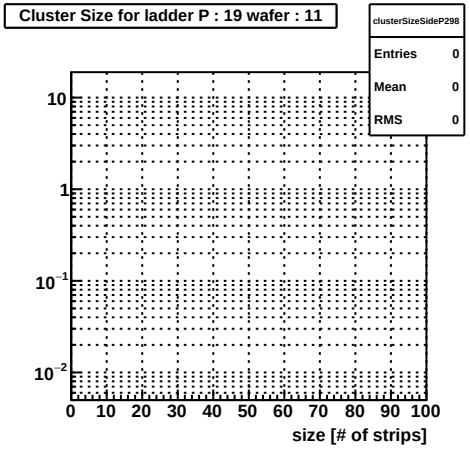

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

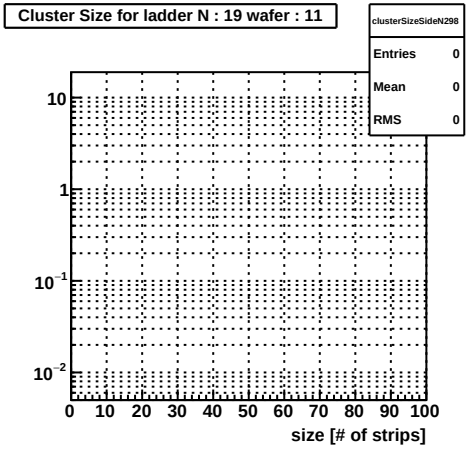

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

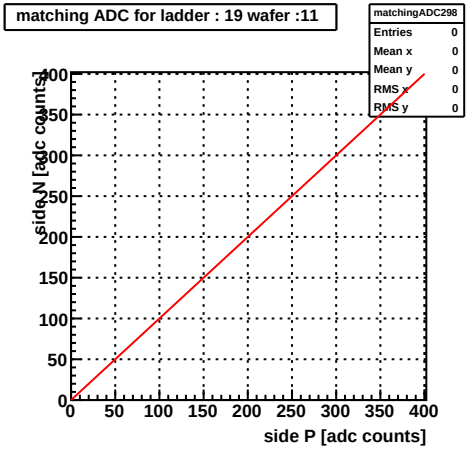

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

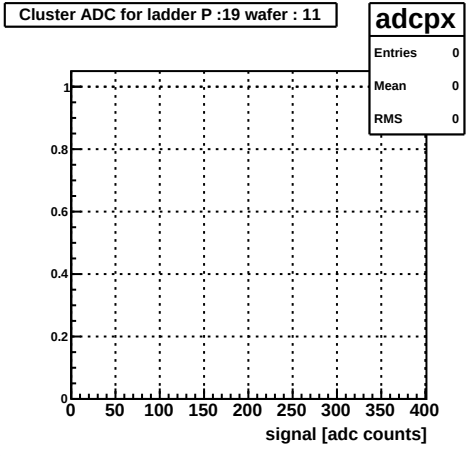

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

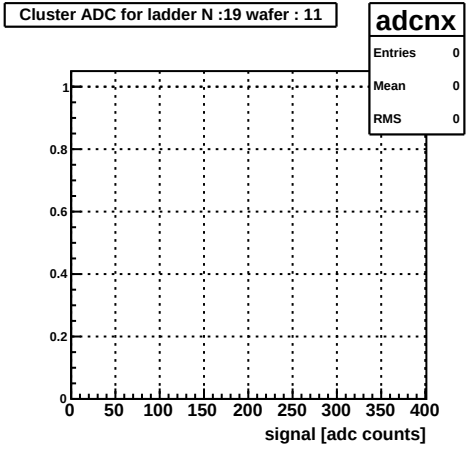

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

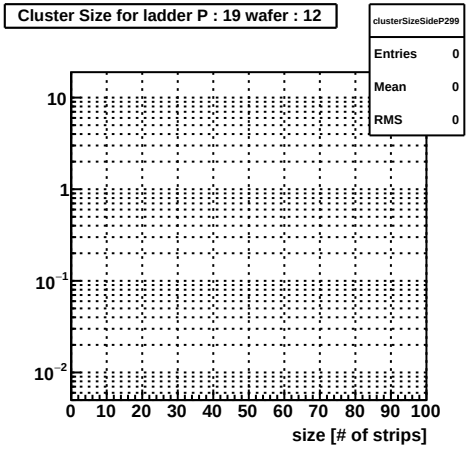

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

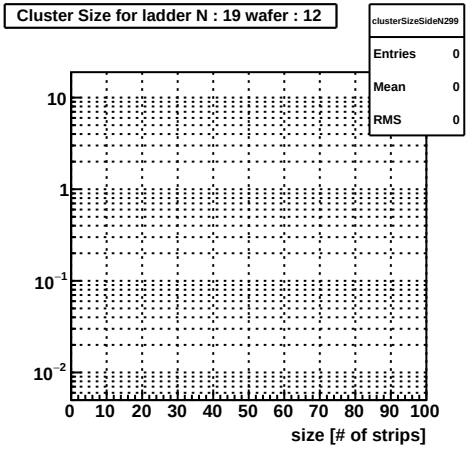

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

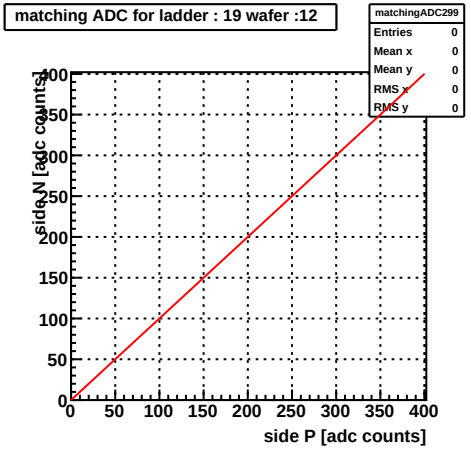

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

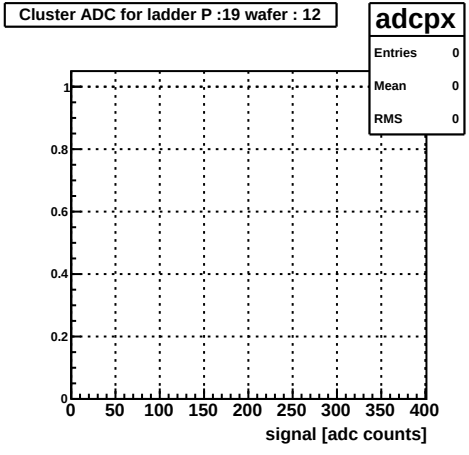

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

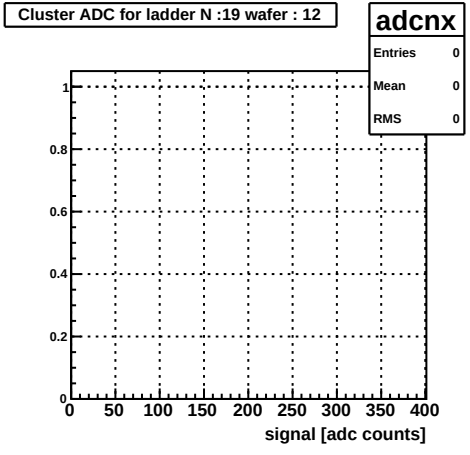

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

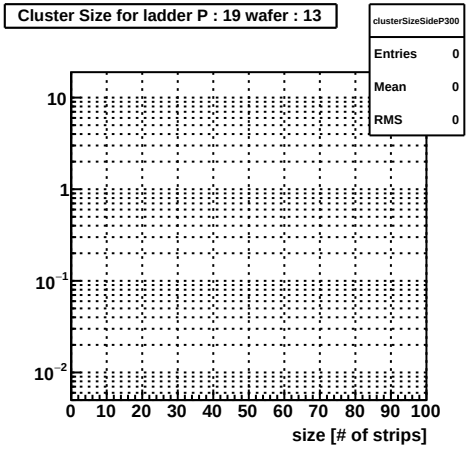

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

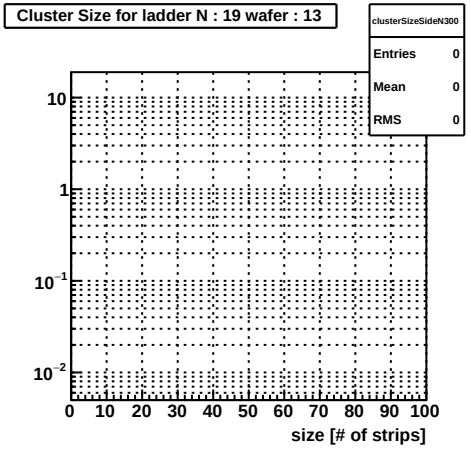

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

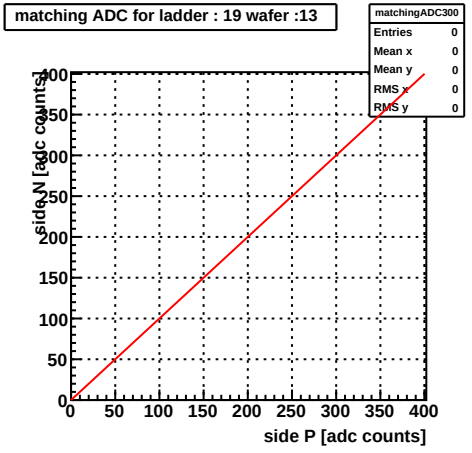

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

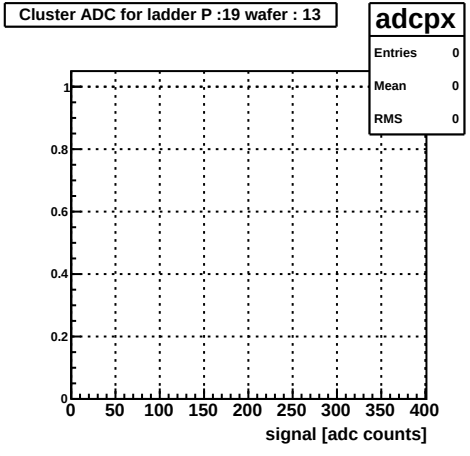

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

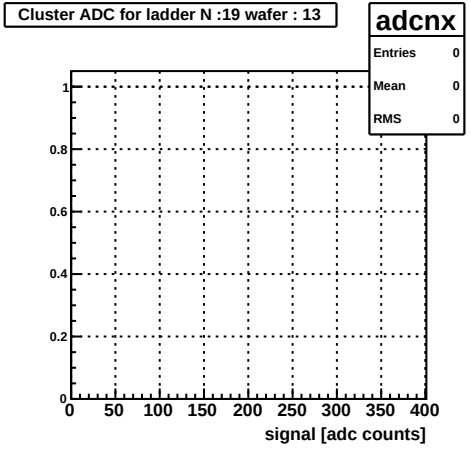

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

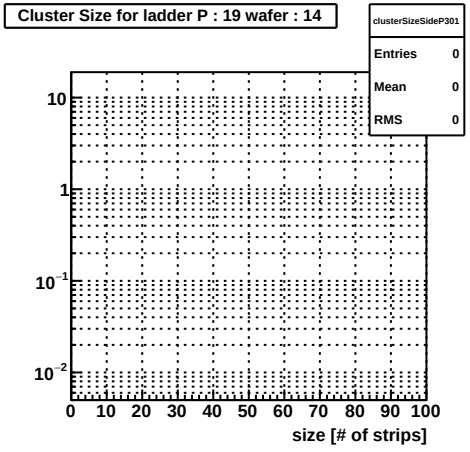

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

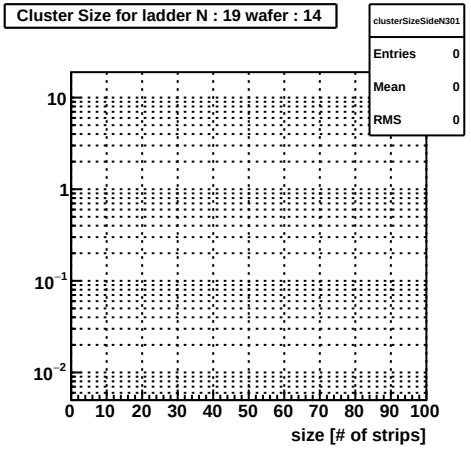

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

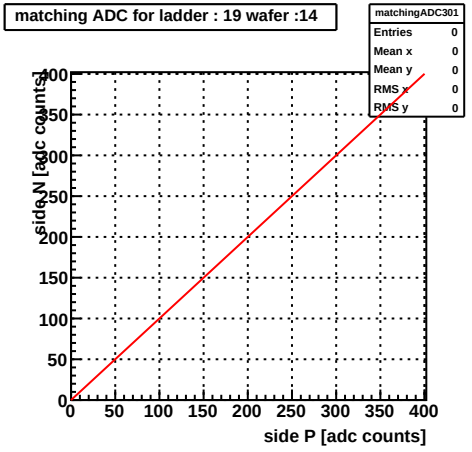

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

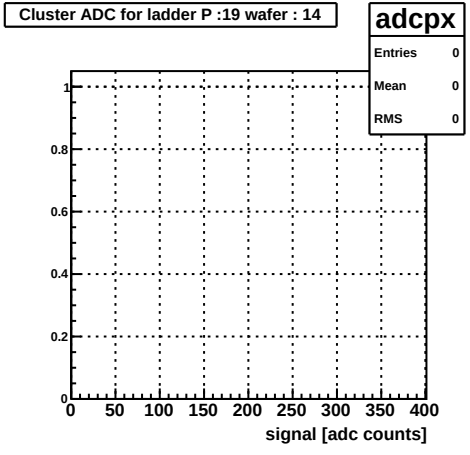

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

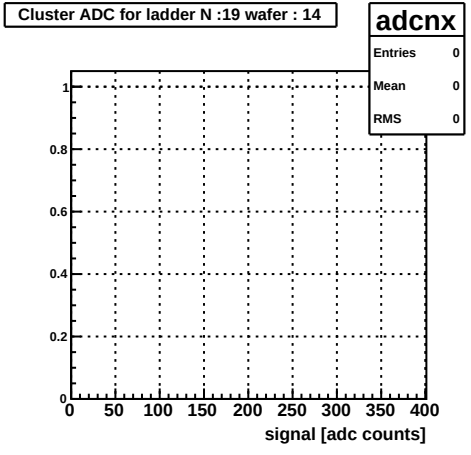

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

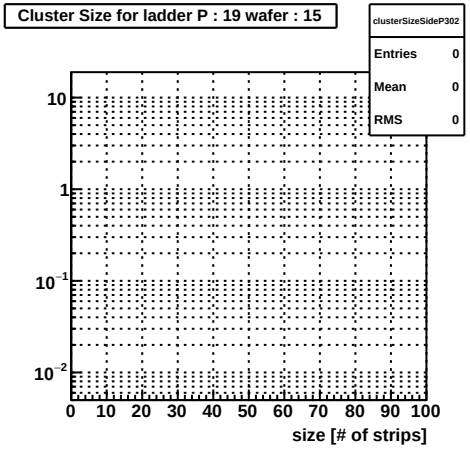

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

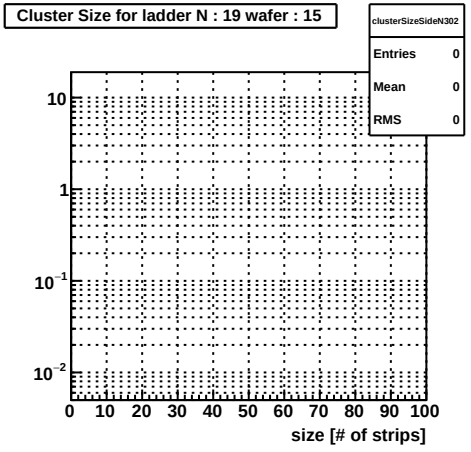

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

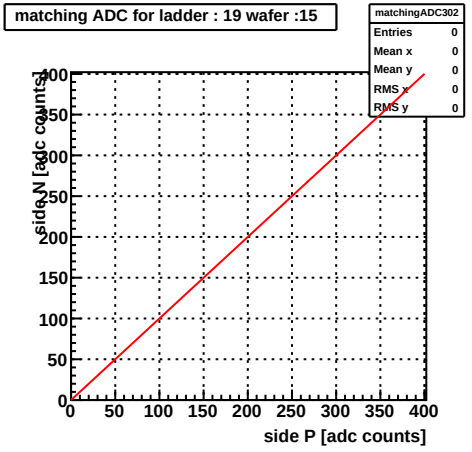

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

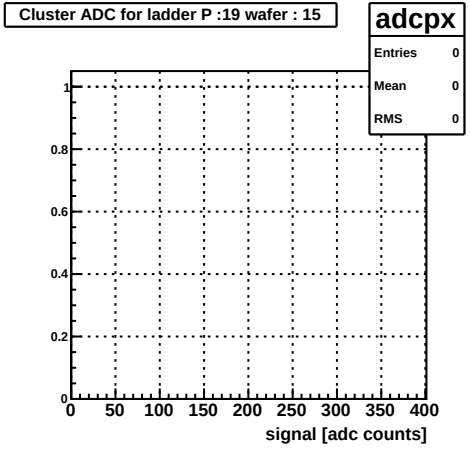

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

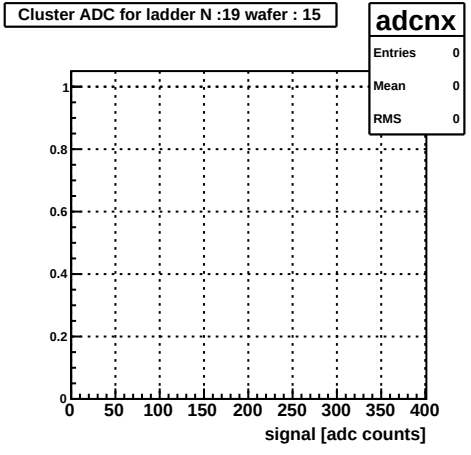

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

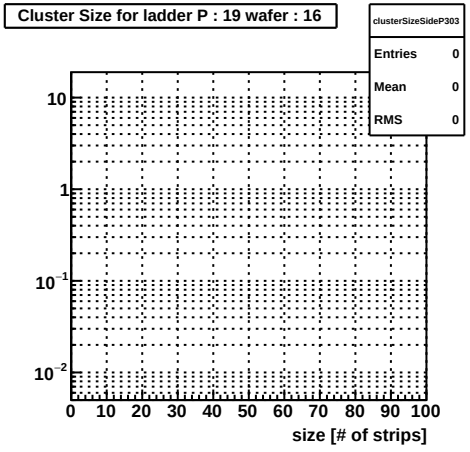

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

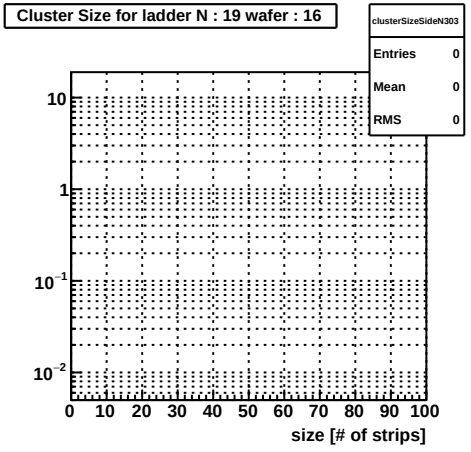

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

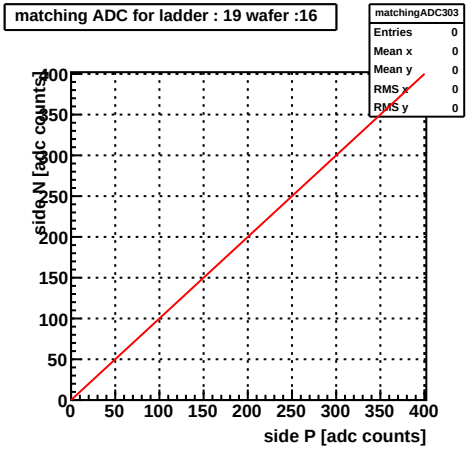

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

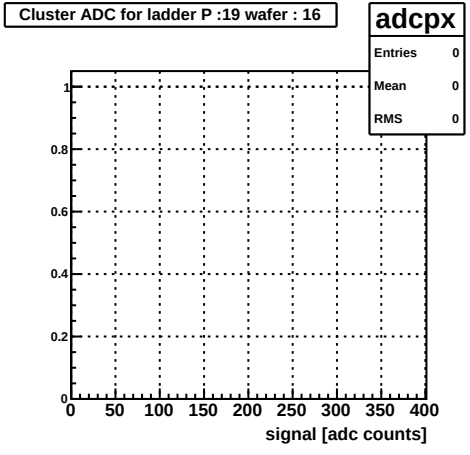

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

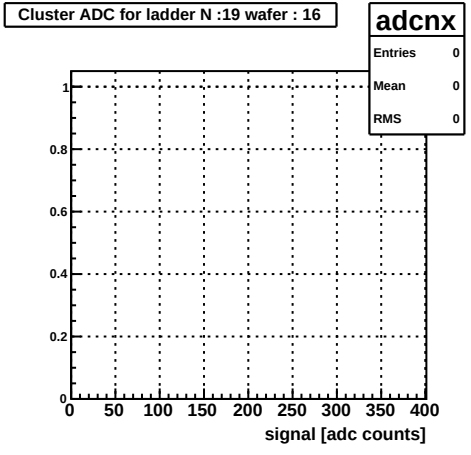

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

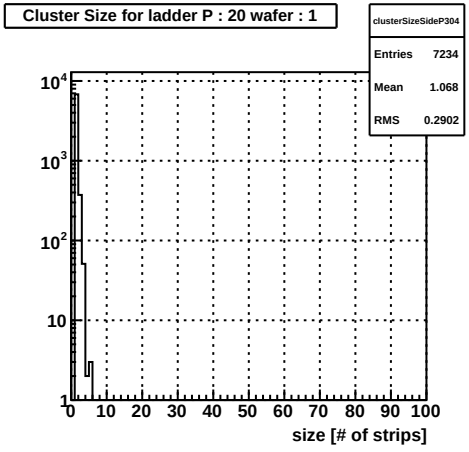

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

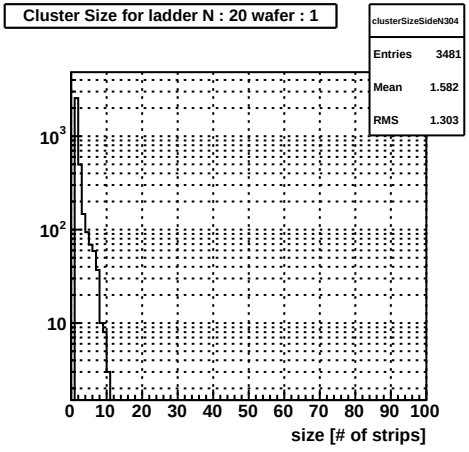

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

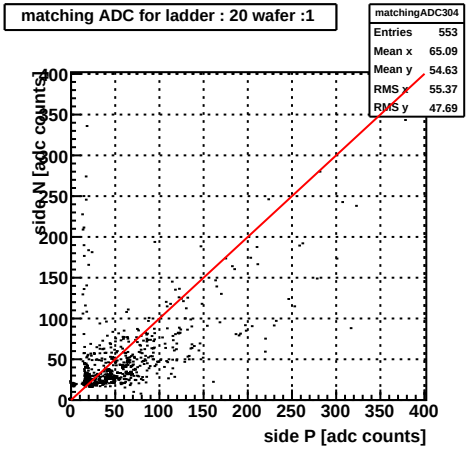

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

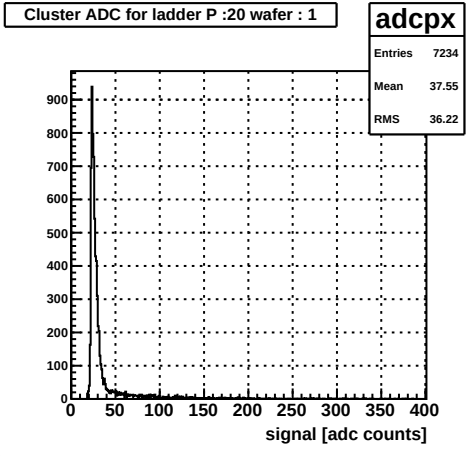

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

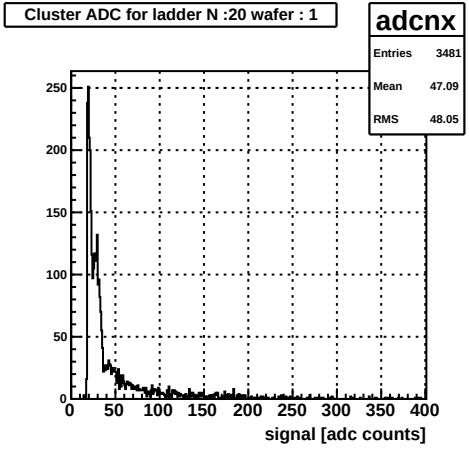

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

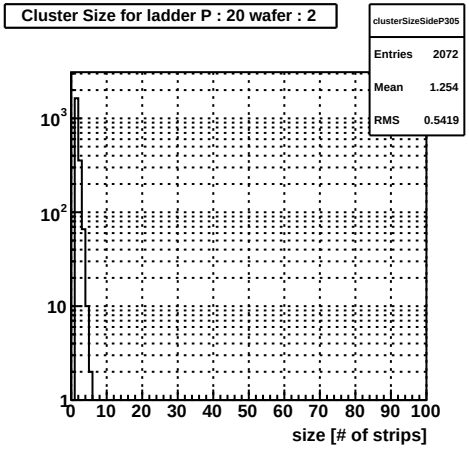

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7234
Mean 1.068
RMS 0.2902
size [# of strips]

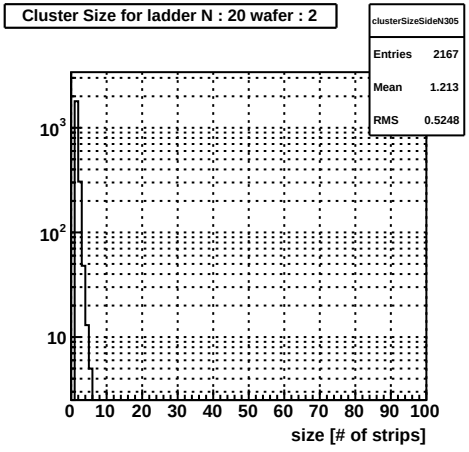

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3481
Mean 1.582
RMS 1.303
size [# of strips]

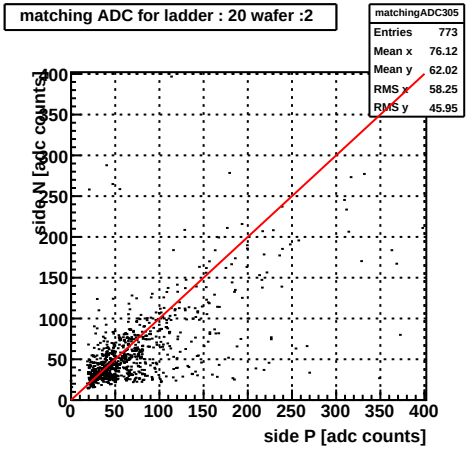

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 553
Mean x 65.09
Mean y 54.63
RMS x 55.37
RMS y 47.69
side N [adc counts]
side P [adc counts]

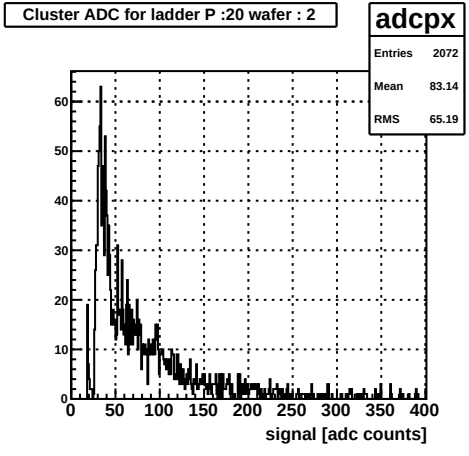

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7234
Mean 37.55
RMS 36.22
signal [adc counts]

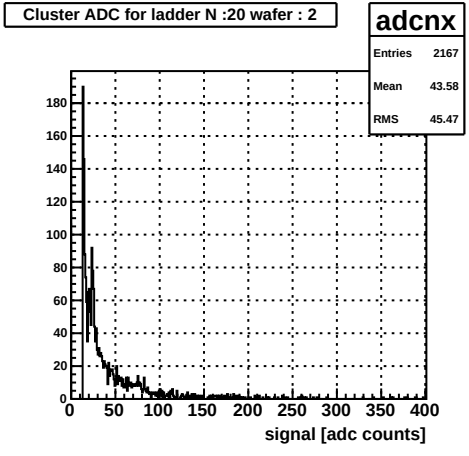

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3481
Mean 47.09
RMS 48.05
signal [adc counts]

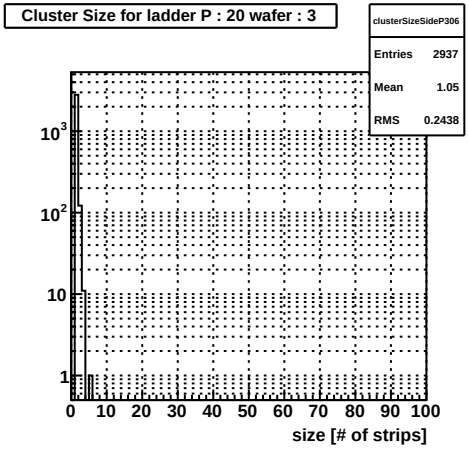

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2072
Mean 1.254
RMS 0.5419
size [# of strips]

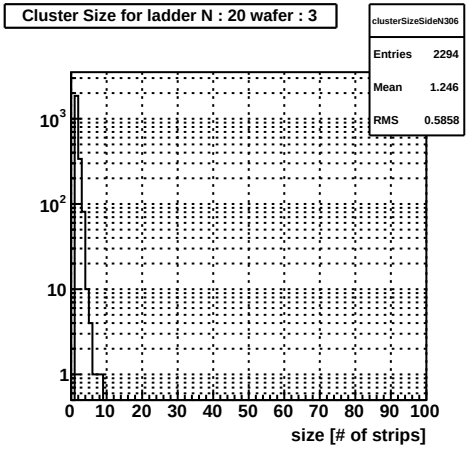

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2167
Mean 1.213
RMS 0.5248
size [# of strips]

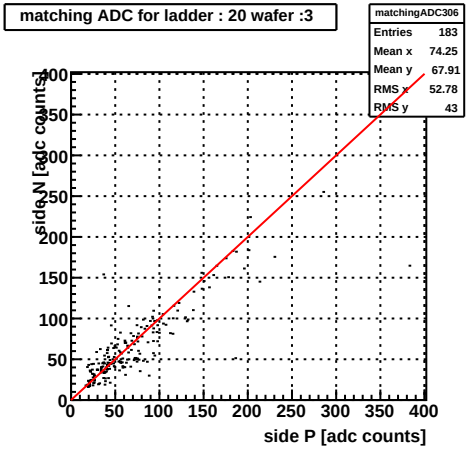

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 773
Mean x 76.12
Mean y 62.02
RMS x 58.25
RMS y 45.95
side N [adc counts]
side P [adc counts]

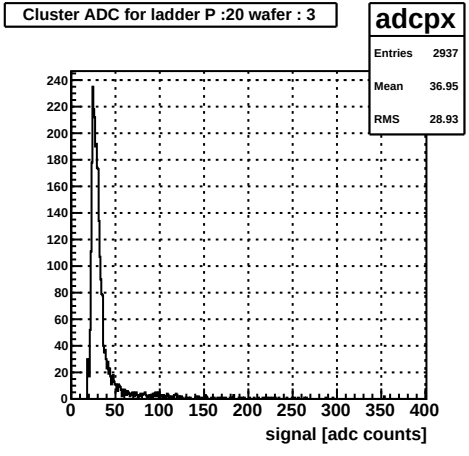

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2072
Mean 83.14
RMS 65.19
signal [adc counts]

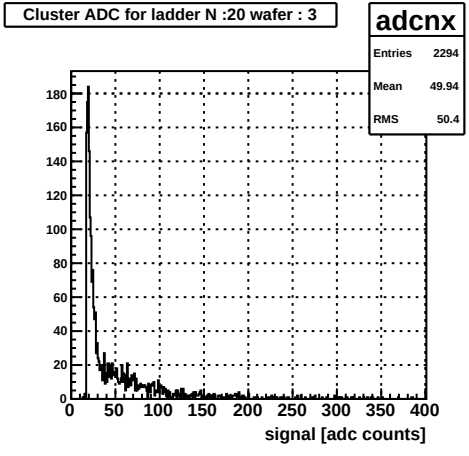

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2167
Mean 43.58
RMS 45.47
signal [adc counts]

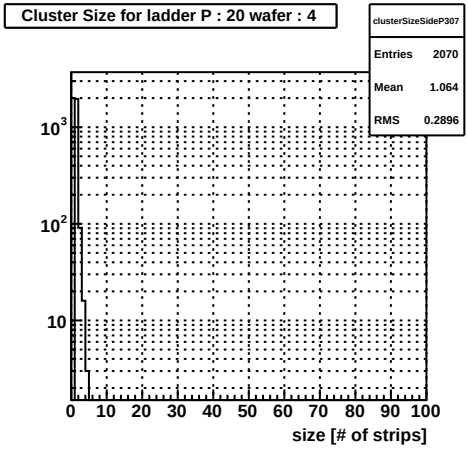

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2937
Mean 1.05
RMS 0.2438
size [# of strips]

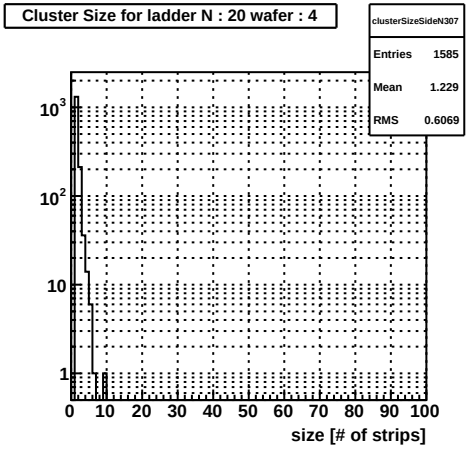

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2294
Mean 1.246
RMS 0.5858
size [# of strips]

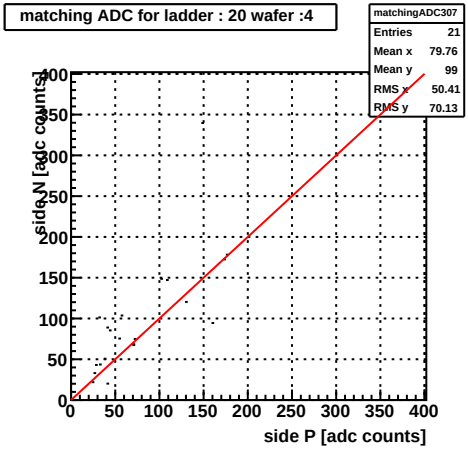

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 183
Mean x 74.25
Mean y 67.91
RMS x 52.78
RMS y 43
side N [adc counts]
side P [adc counts]

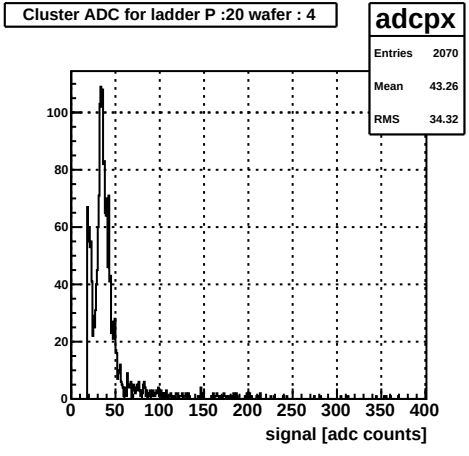

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2937
Mean 36.95
RMS 28.93
signal [adc counts]

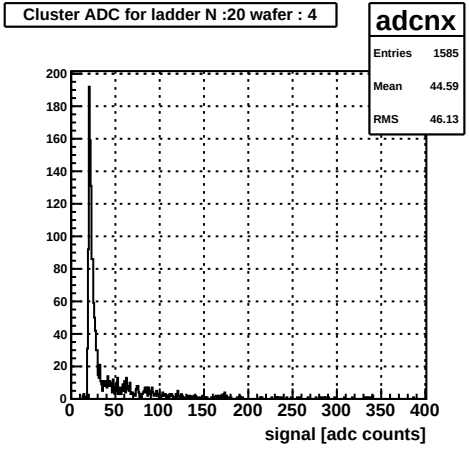

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2294
Mean 49.94
RMS 50.4
signal [adc counts]

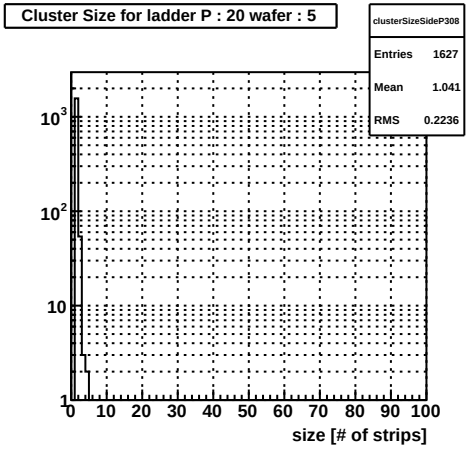

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2070
Mean 1.064
RMS 0.2896
size [# of strips]

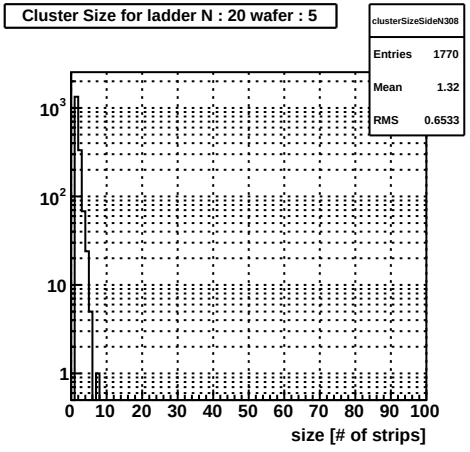

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1585
Mean 1.229
RMS 0.6069
size [# of strips]

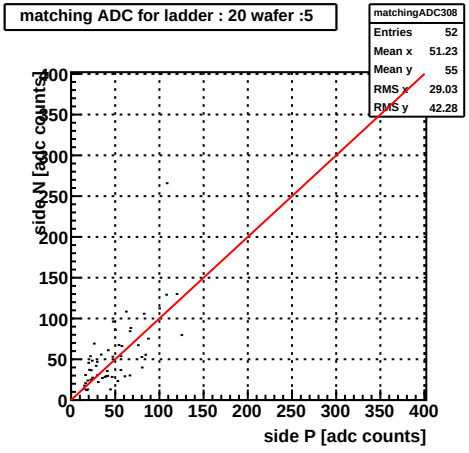

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 21
Mean x 79.76
Mean y 99
RMS x 50.41
RMS y 70.13
side N [adc counts]
side P [adc counts]

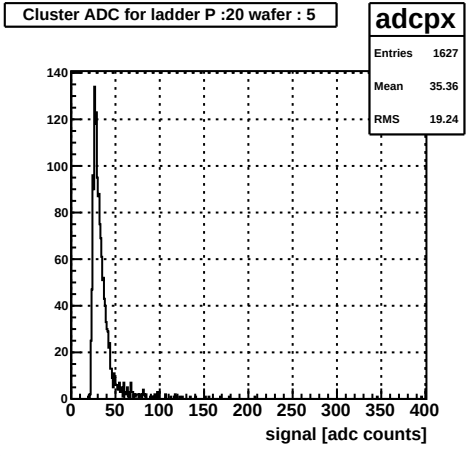

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2070
Mean 43.26
RMS 34.32
signal [adc counts]

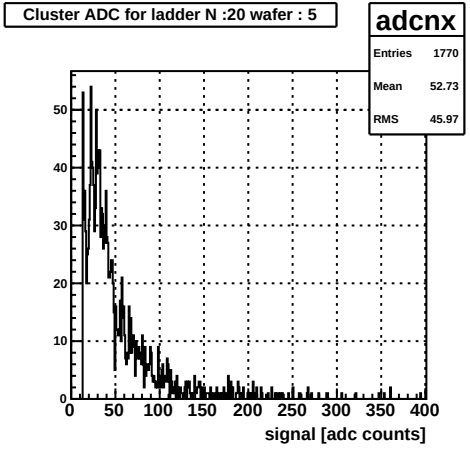

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1585
Mean 44.59
RMS 46.13
signal [adc counts]

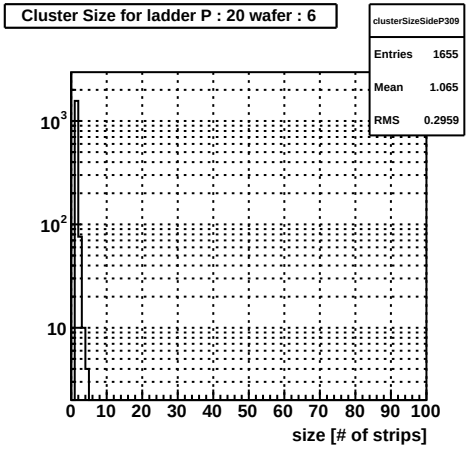

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1627
Mean 1.041
RMS 0.2236
size [# of strips]

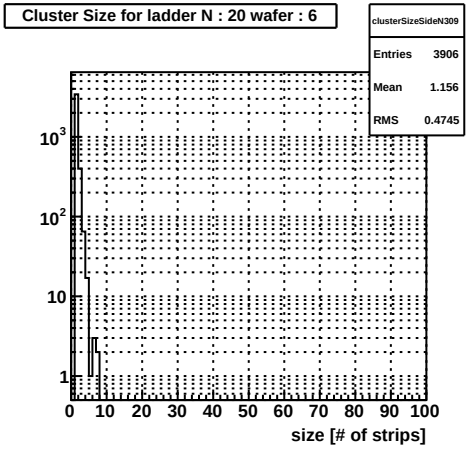

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1770
Mean 1.32
RMS 0.6533
size [# of strips]

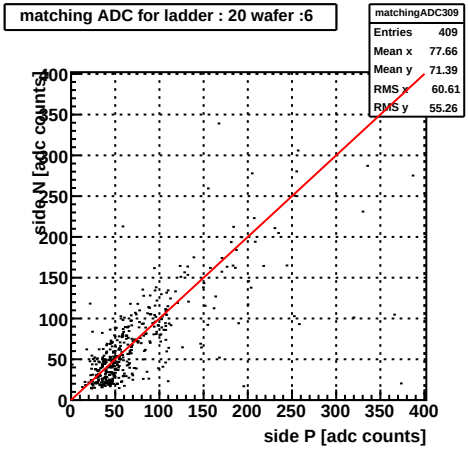

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 52
Mean x 51.23
Mean y 55
RMS x 29.03
RMS y 42.28
side N [adc counts]
side P [adc counts]

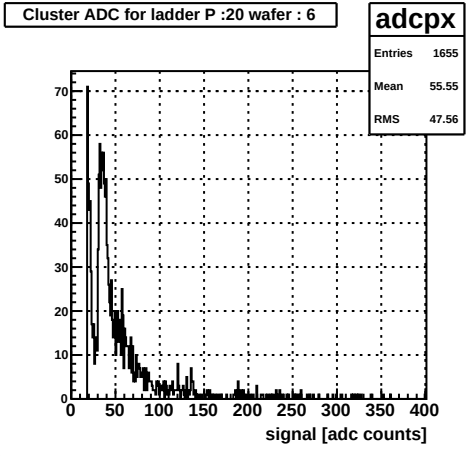

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1627
Mean 35.36
RMS 19.24
signal [adc counts]

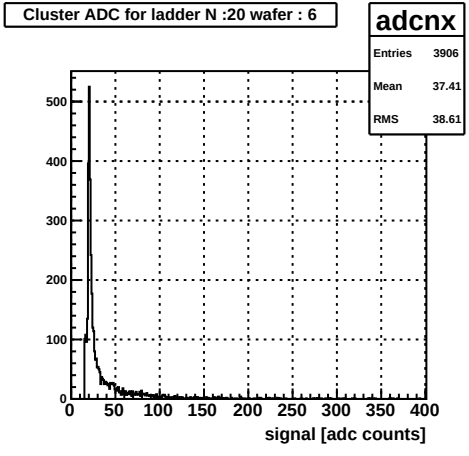

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1770
Mean 52.73
RMS 45.97
signal [adc counts]

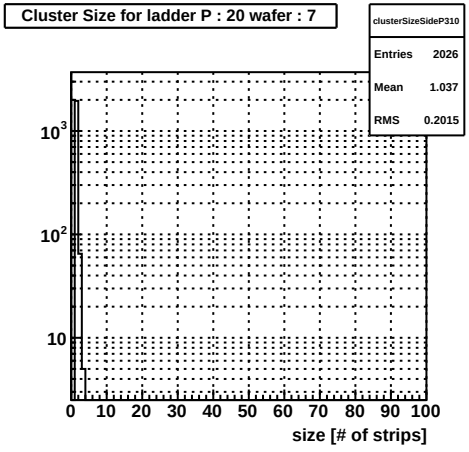

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1655
Mean 1.065
RMS 0.2959
size [# of strips]

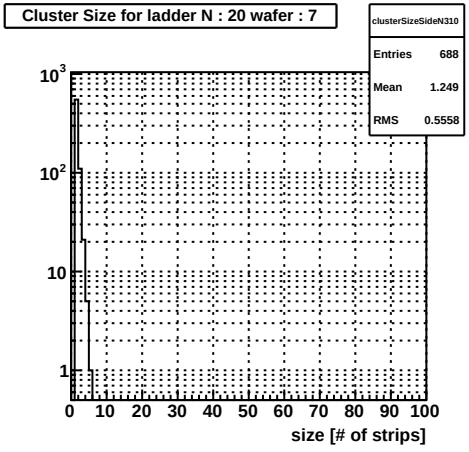

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3906
Mean 1.156
RMS 0.4745
size [# of strips]

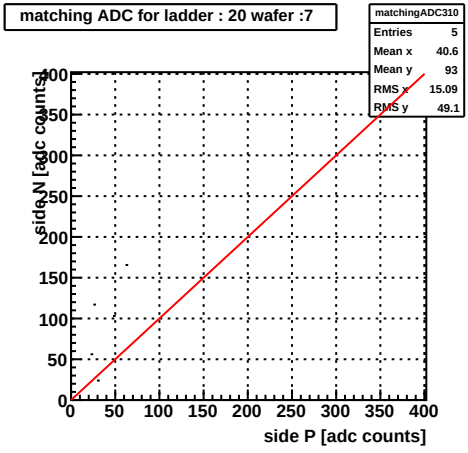

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 409
Mean x 77.66
Mean y 71.39
RMS x 60.61
RMS y 55.26
side N [adc counts]
side P [adc counts]

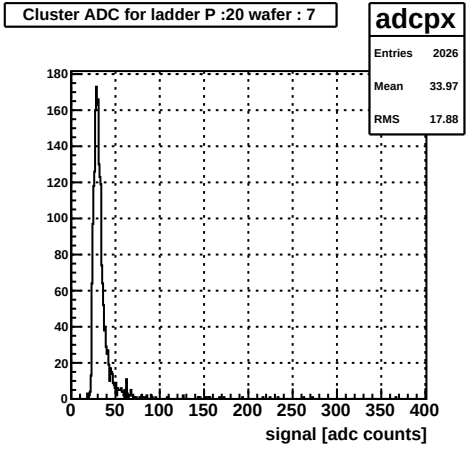

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1655
Mean 55.55
RMS 47.56
signal [adc counts]

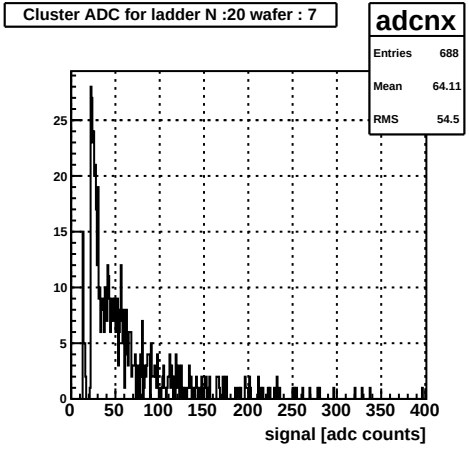

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3906
Mean 37.41
RMS 38.61
signal [adc counts]

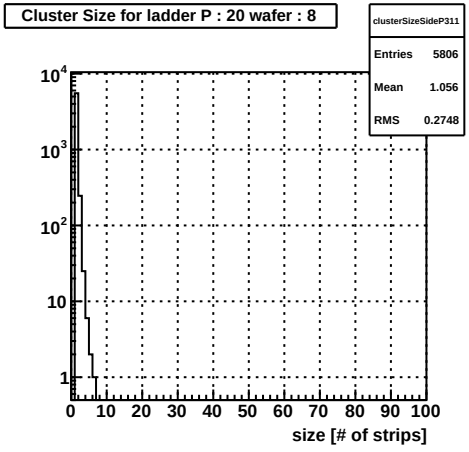

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2026
Mean 1.037
RMS 0.2015
size [# of strips]

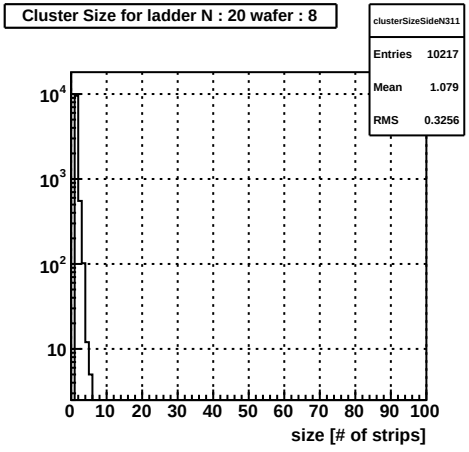

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 688
Mean 1.249
RMS 0.5558
size [# of strips]

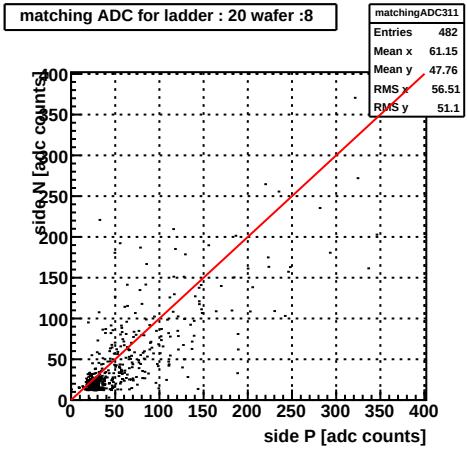

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 5
Mean x 40.6
Mean y 93
RMS x 15.09
RMS y 49.1
side N [adc counts]
side P [adc counts]

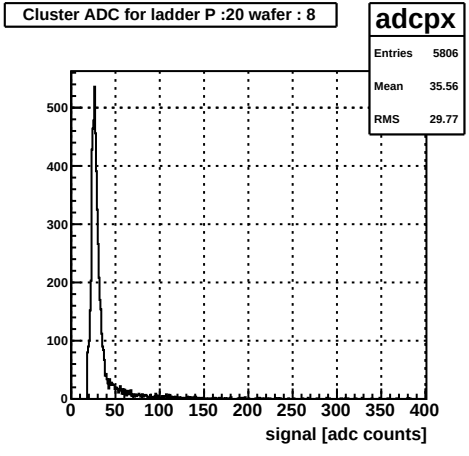

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2026
Mean 33.97
RMS 17.88
signal [adc counts]

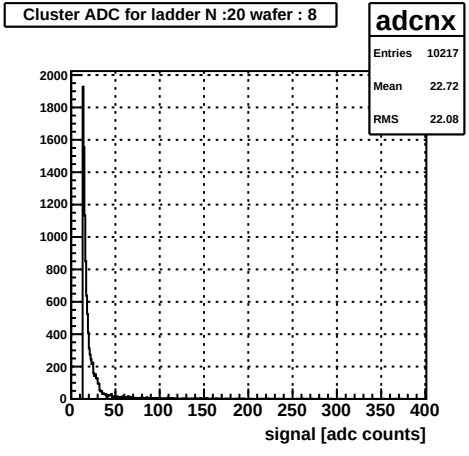

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 688
Mean 64.11
RMS 54.5
signal [adc counts]

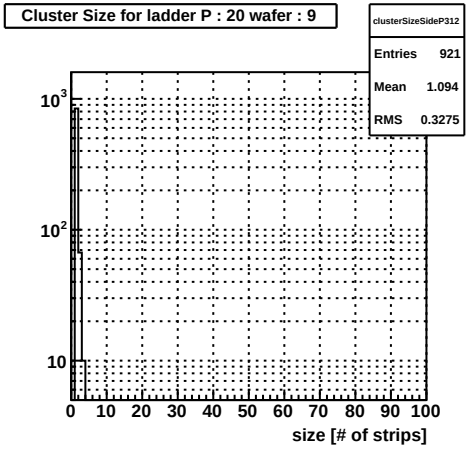

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5806
Mean 1.056
RMS 0.2748
size [# of strips]

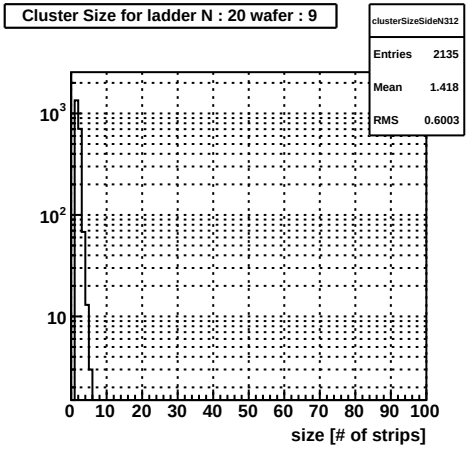

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10217
Mean 1.079
RMS 0.3256
size [# of strips]

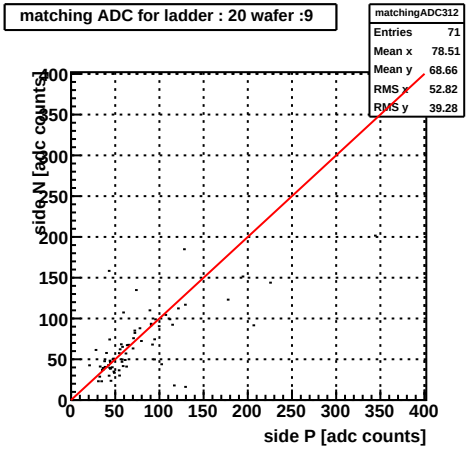

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 482
Mean x 61.15
Mean y 47.76
RMS x 56.51
RMS y 51.1
side N [adc counts]
side P [adc counts]

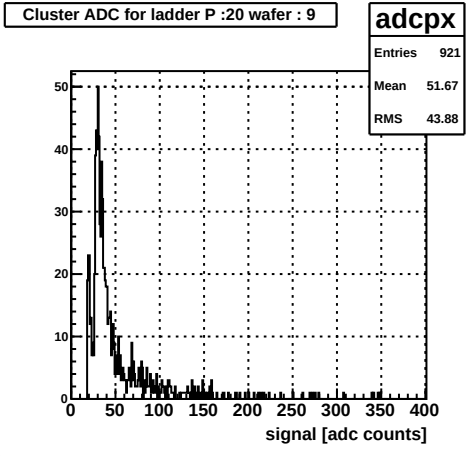

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5806
Mean 35.56
RMS 29.77
signal [adc counts]

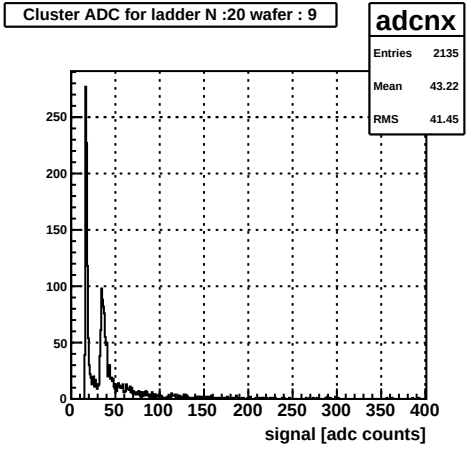

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10217
Mean 22.72
RMS 22.08
signal [adc counts]

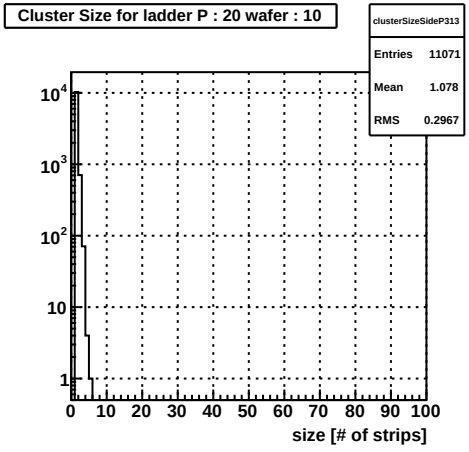

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 921
Mean 1.094
RMS 0.3275
size [# of strips]

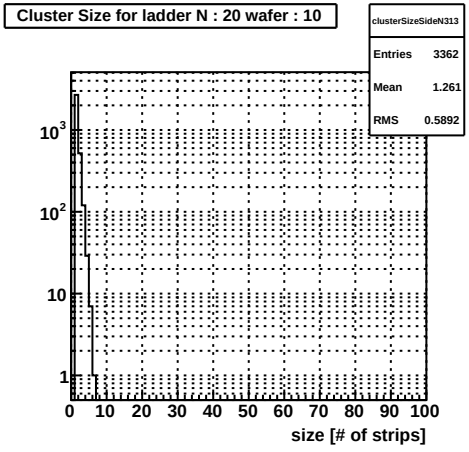

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2135
Mean 1.418
RMS 0.6003
size [# of strips]

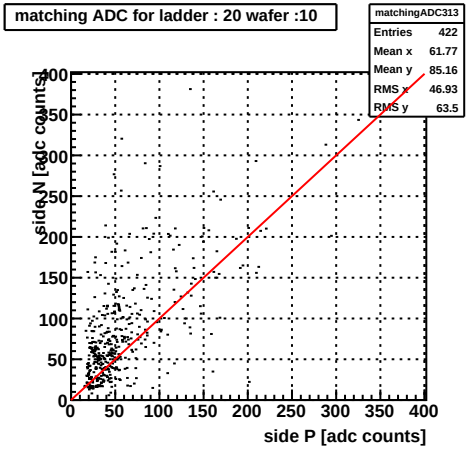

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 71
Mean x 78.51
Mean y 68.66
RMS x 52.82
RMS y 39.28
side N [adc counts]
side P [adc counts]

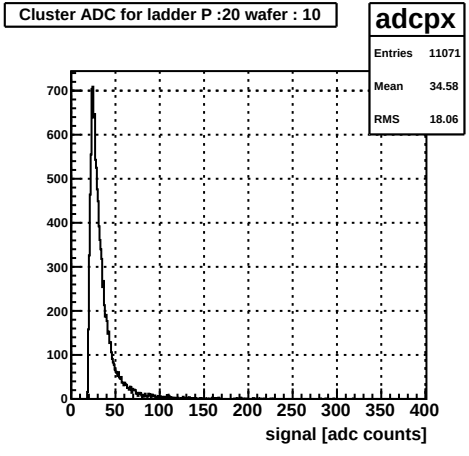

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 921
Mean 51.67
RMS 43.88
signal [adc counts]

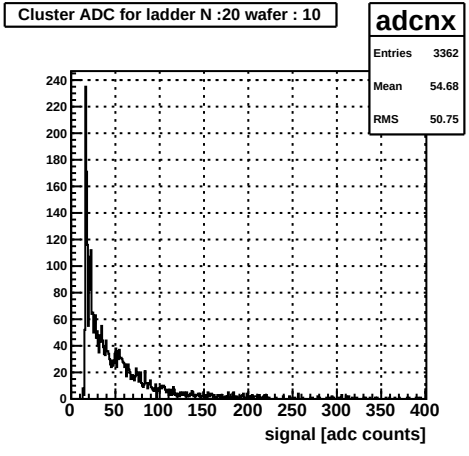

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2135
Mean 43.22
RMS 41.45
signal [adc counts]

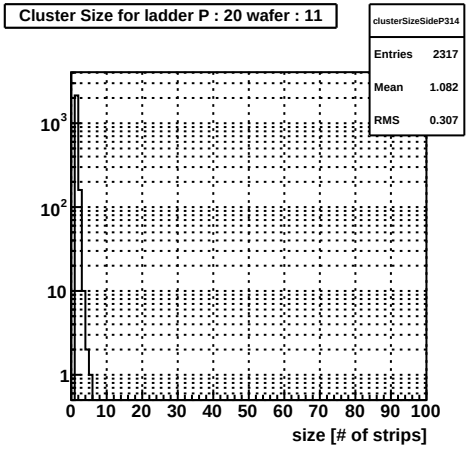

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11071
Mean 1.078
RMS 0.2967
size [# of strips]

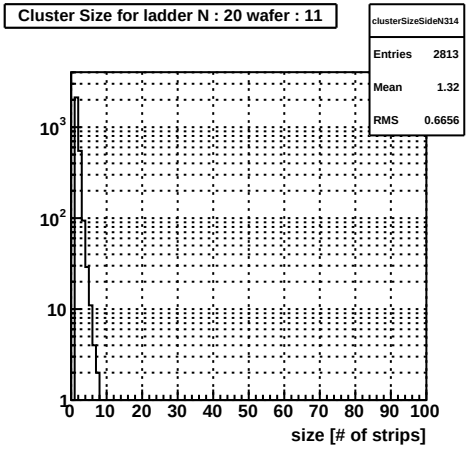

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3362
Mean 1.261
RMS 0.5892
size [# of strips]

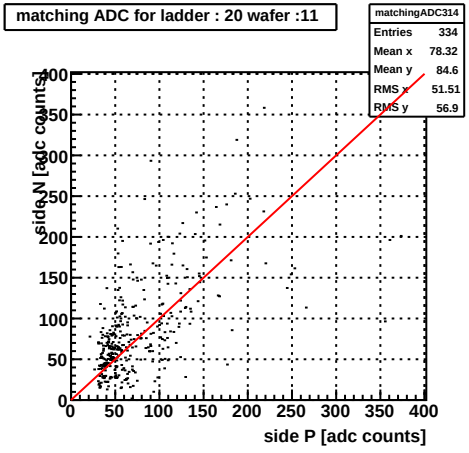

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 422
Mean x 61.77
Mean y 85.16
RMS x 46.93
RMS y 63.5
side N [adc counts]
side P [adc counts]

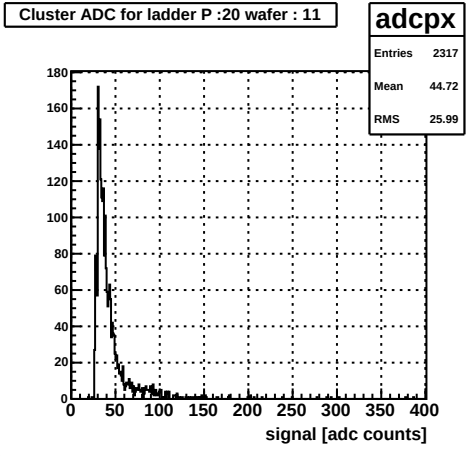

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11071
Mean 34.58
RMS 18.06
signal [adc counts]

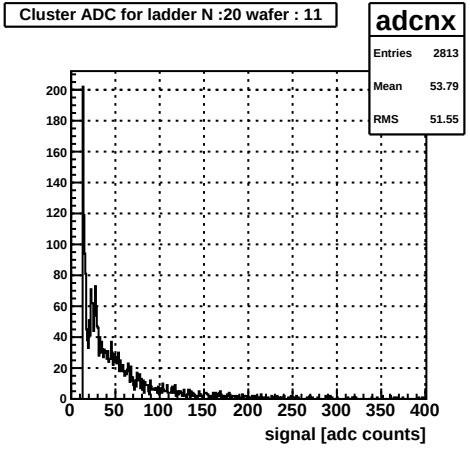

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3362
Mean 54.68
RMS 50.75
signal [adc counts]

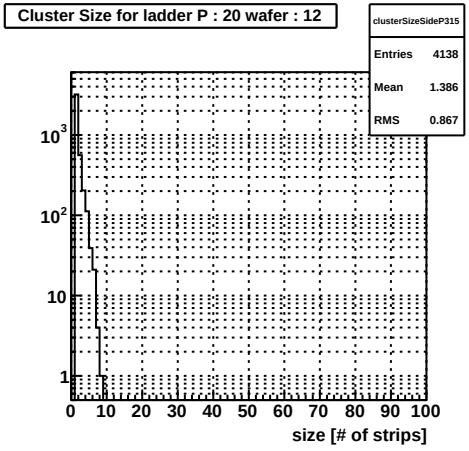

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2317
Mean 1.082
RMS 0.307
size [# of strips]

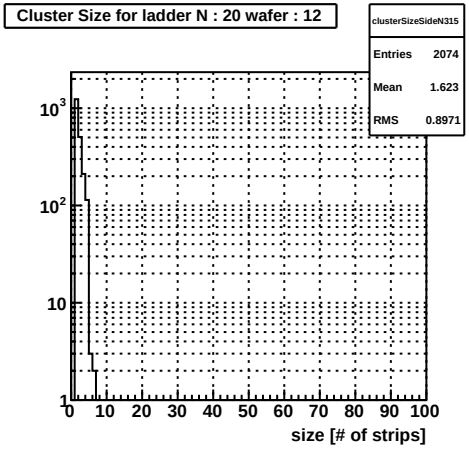

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2813
Mean 1.32
RMS 0.6656
size [# of strips]

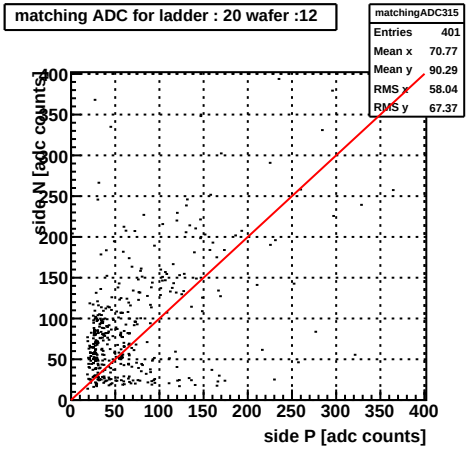

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 334
Mean x 78.32
Mean y 84.6
RMS x 51.51
RMS y 56.9
side N [adc counts]
side P [adc counts]

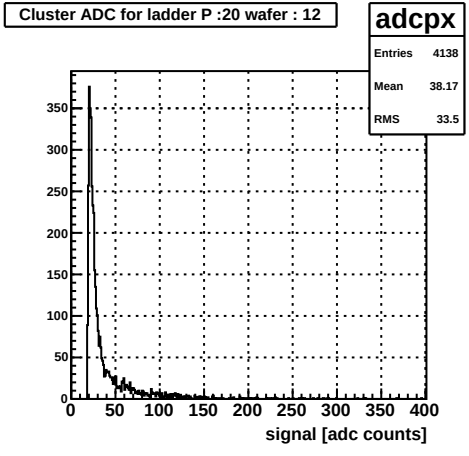

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2317
Mean 44.72
RMS 25.99
signal [adc counts]

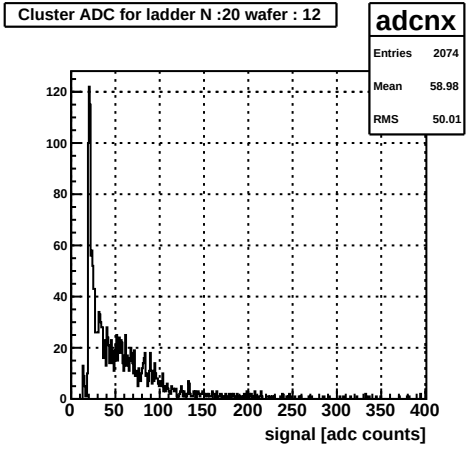

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2813
Mean 53.79
RMS 51.55
signal [adc counts]

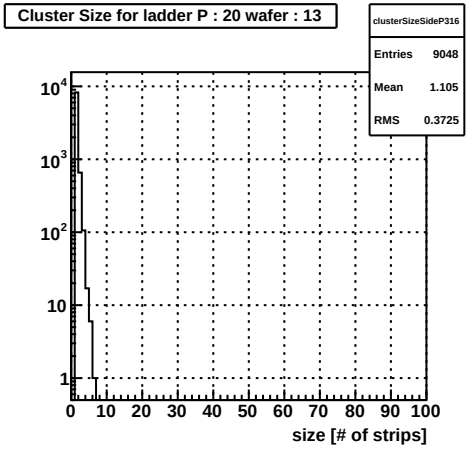

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 4138
Mean 1.386
RMS 0.867
size [# of strips]

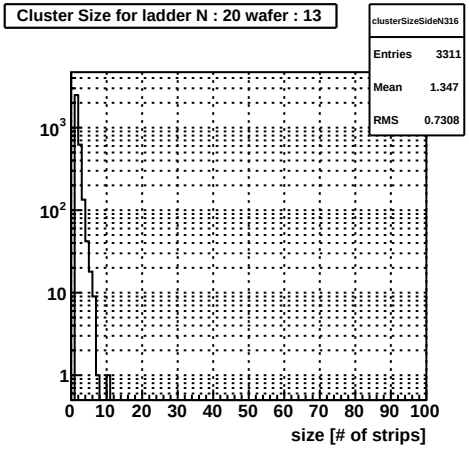

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2074
Mean 1.623
RMS 0.8971
size [# of strips]

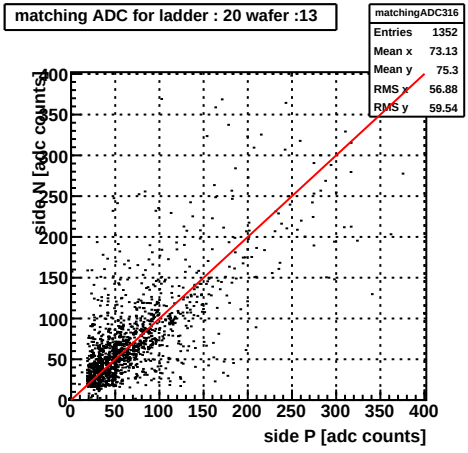

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 401
Mean x 70.77
Mean y 90.29
RMS x 58.04
RMS y 67.37
side N [adc counts]
side P [adc counts]

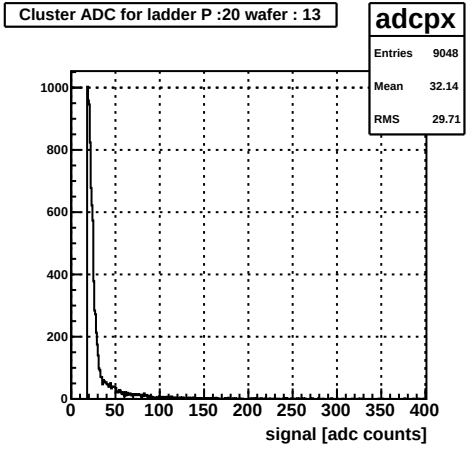

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 4138
Mean 38.17
RMS 33.5
signal [adc counts]

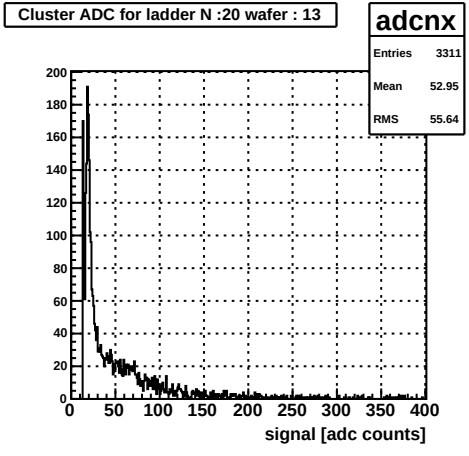

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2074
Mean 58.98
RMS 50.01
signal [adc counts]

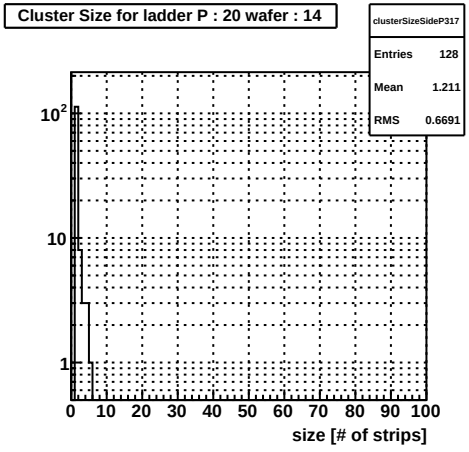

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9048
Mean 1.105
RMS 0.3725
size [# of strips]

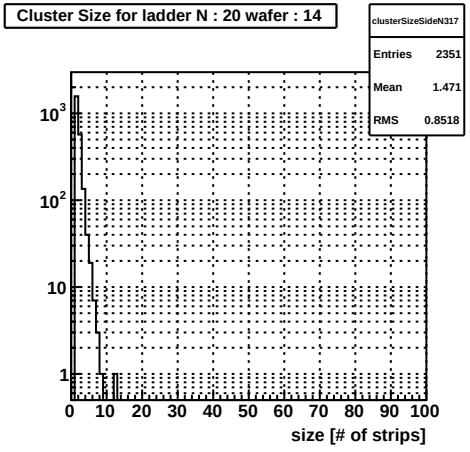

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3311
Mean 1.347
RMS 0.7308
size [# of strips]

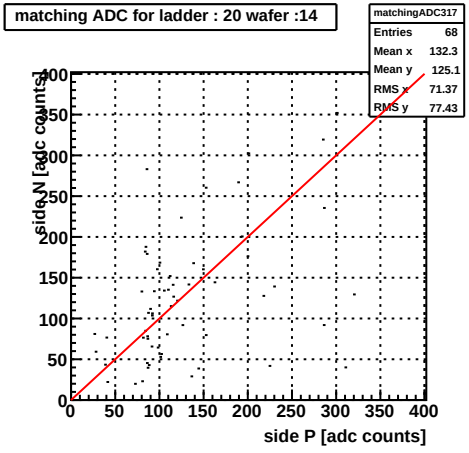

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1352
Mean x 73.13
Mean y 75.3
RMS x 56.88
RMS y 59.54
side N [adc counts]
side P [adc counts]

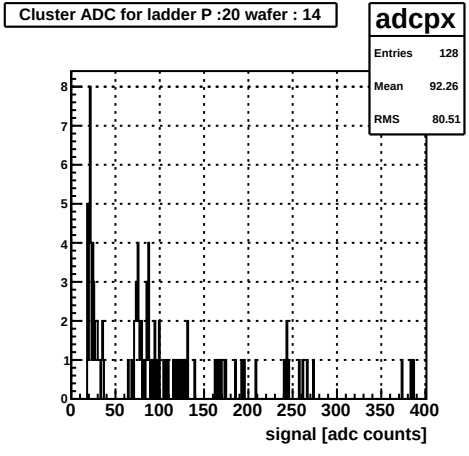

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9048
Mean 32.14
RMS 29.71
signal [adc counts]

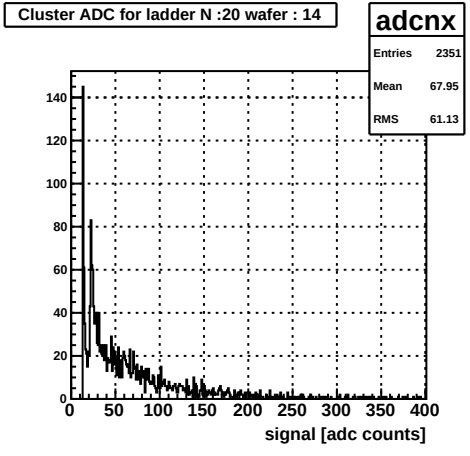

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3311
Mean 52.95
RMS 55.64
signal [adc counts]

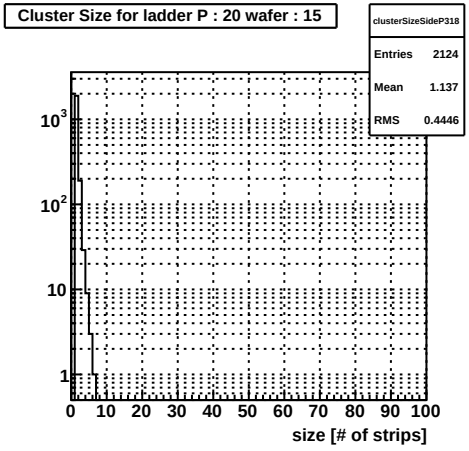

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 128
Mean 1.211
RMS 0.6691
size [# of strips]

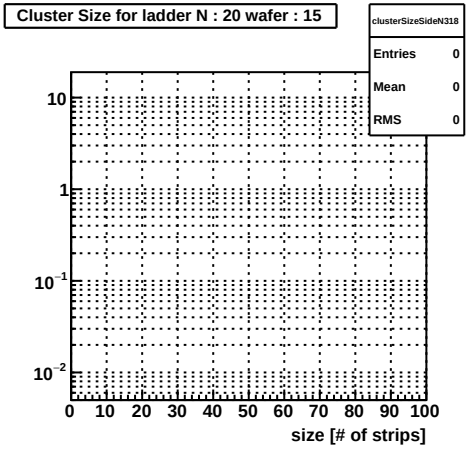

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2351
Mean 1.471
RMS 0.8518
size [# of strips]

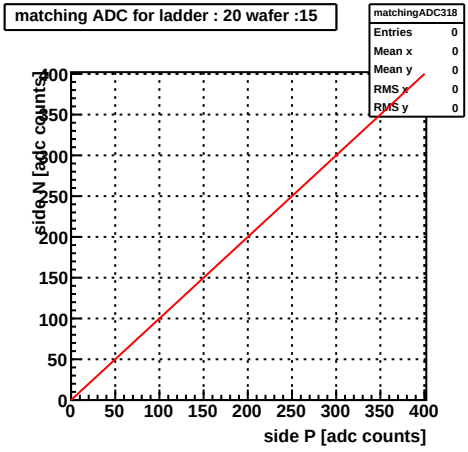

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 68
Mean x 132.3
Mean y 125.1
RMS x 71.37
RMS y 77.43
side N [adc counts]
side P [adc counts]

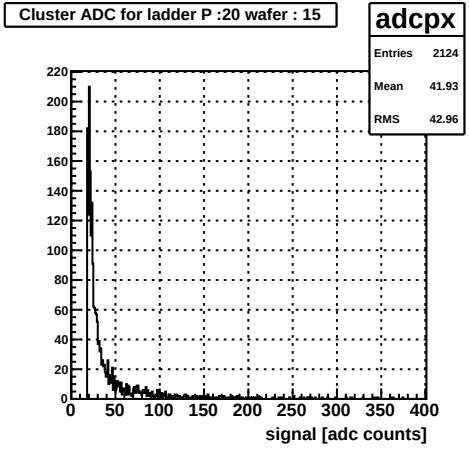

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 128
Mean 92.26
RMS 80.51
signal [adc counts]

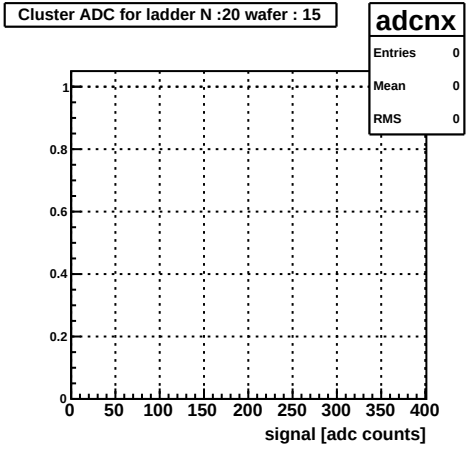

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2351
Mean 67.95
RMS 61.13
signal [adc counts]

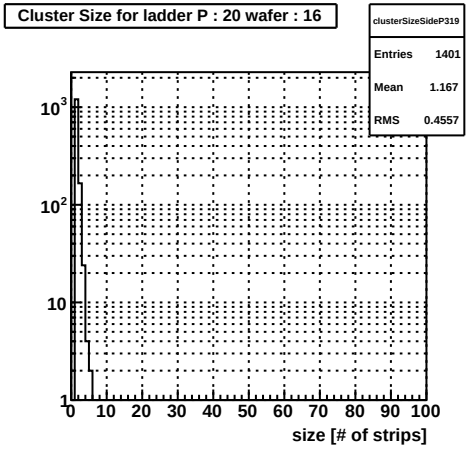

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2124
Mean 1.137
RMS 0.4446
size [# of strips]

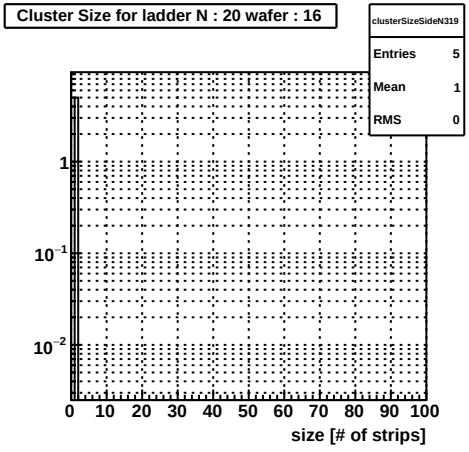

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 0
Mean 0
RMS 0
size [# of strips]

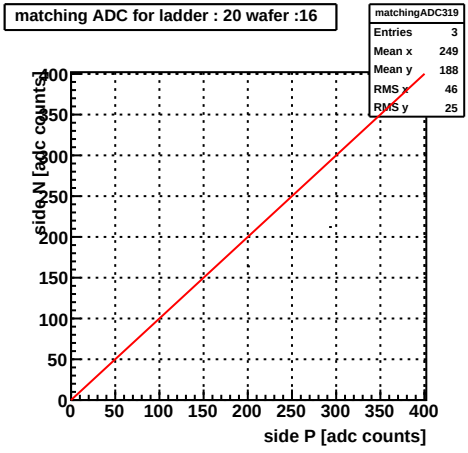

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

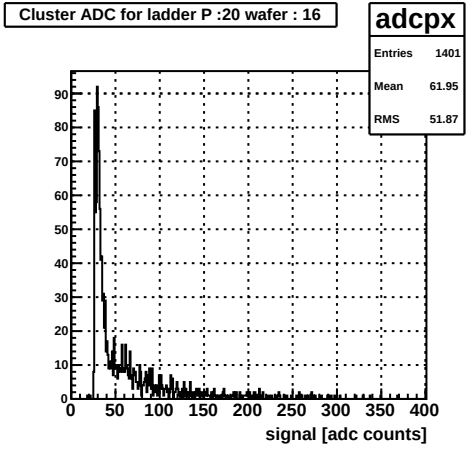

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2124
Mean 41.93
RMS 42.96
signal [adc counts]

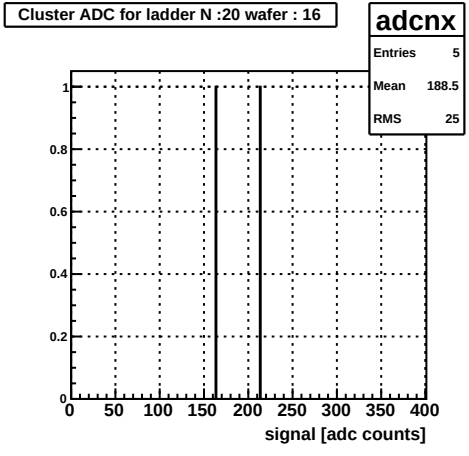

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1401
Mean 1.167
RMS 0.4557
size [# of strips]

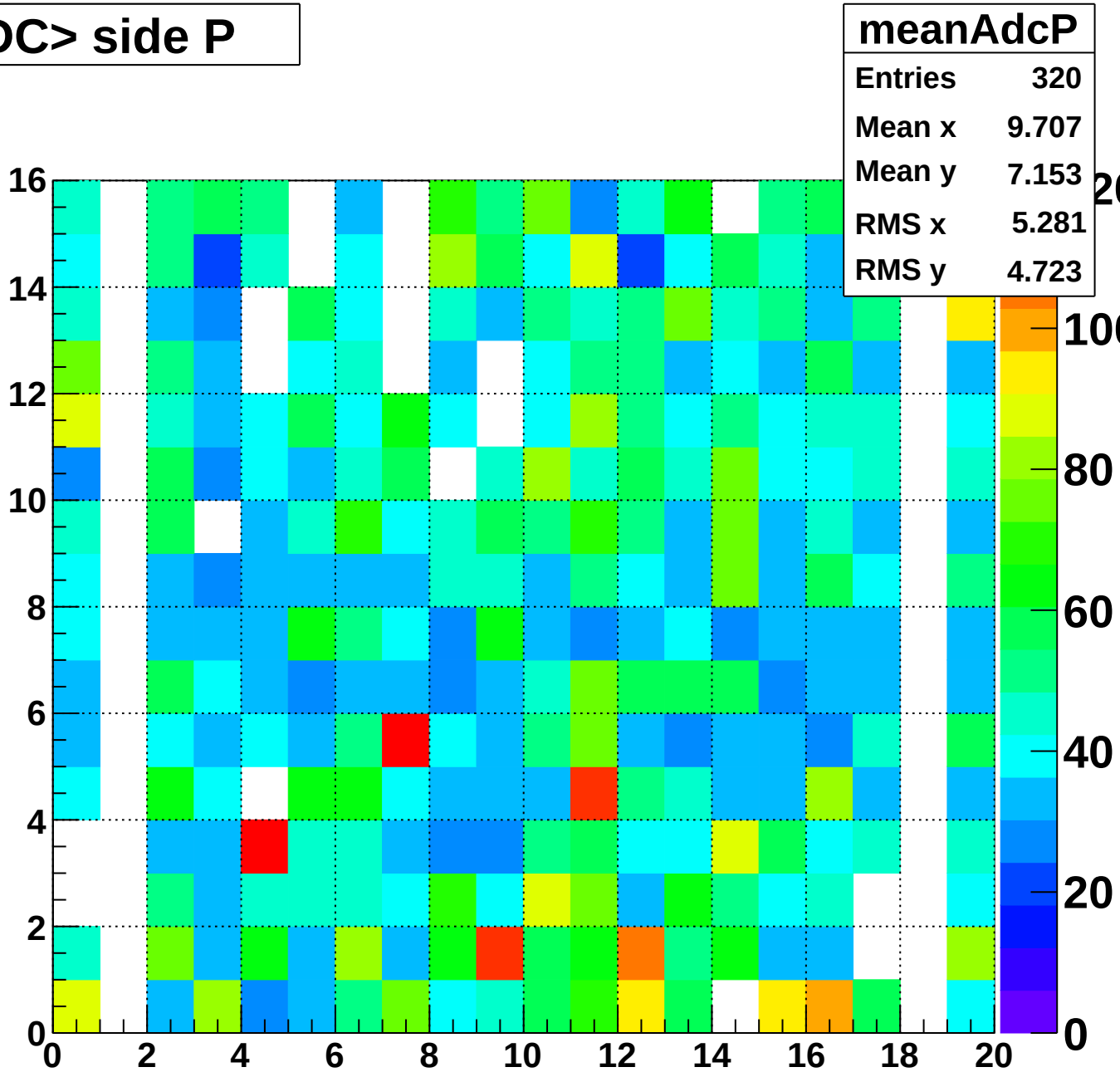

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5
Mean 1
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3
Mean x 249
Mean y 188
RMS x 46
RMS y 25
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1401
Mean 61.95
RMS 51.87
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5
Mean 188.5
RMS 25
signal [adc counts]

<ADC> side P



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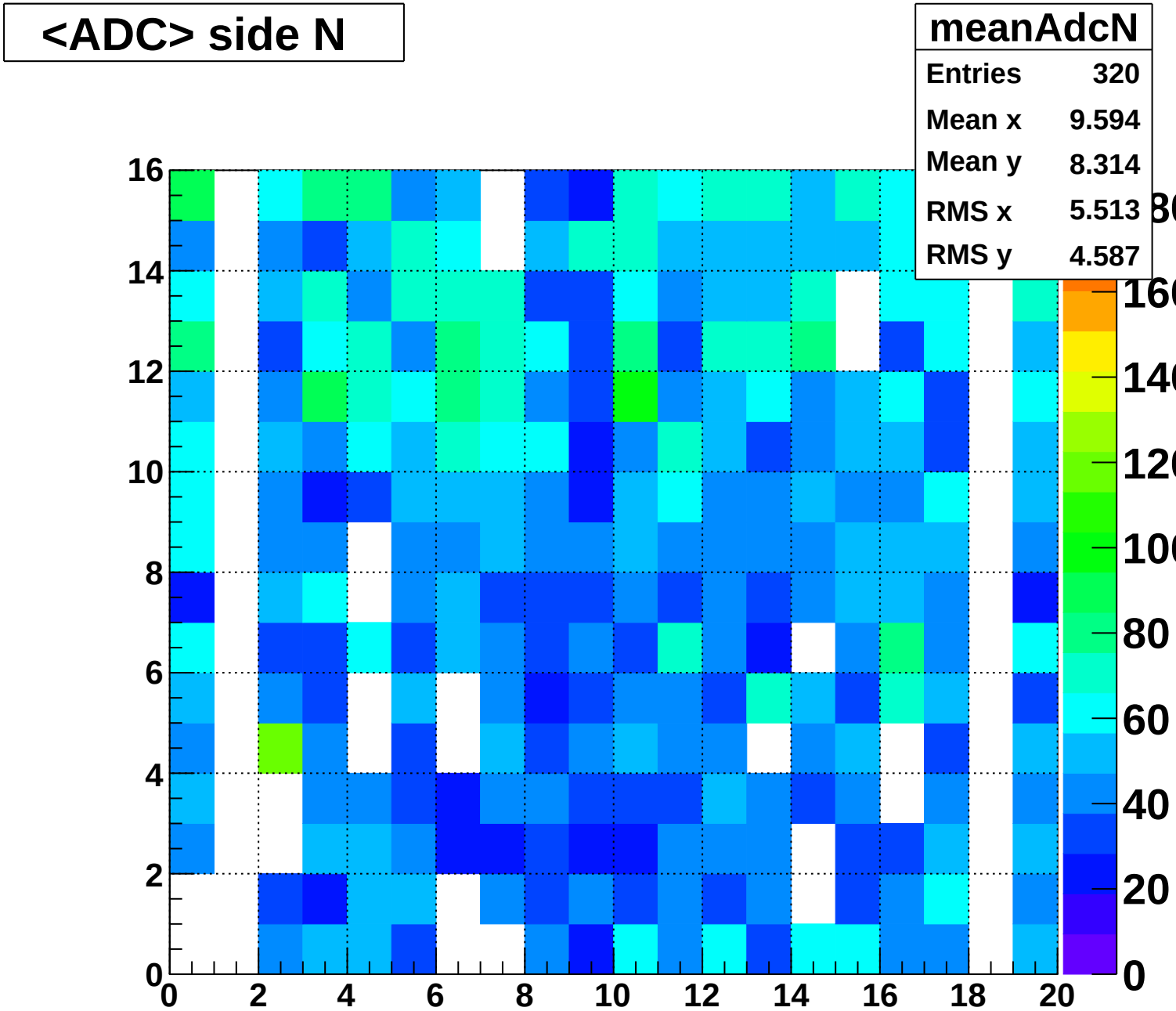

2016-05-17 14:14:11