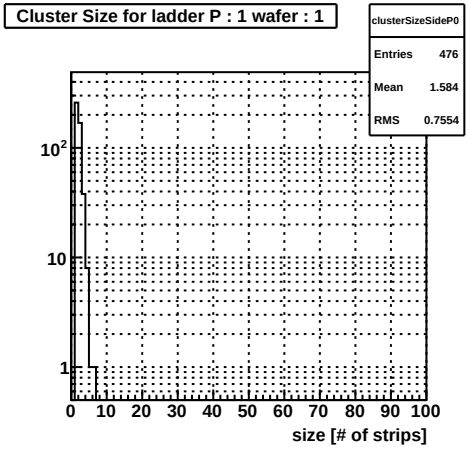
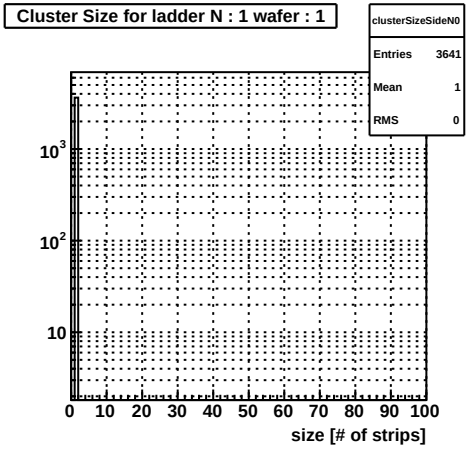
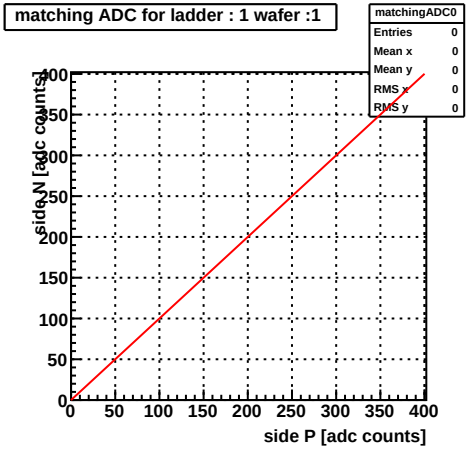
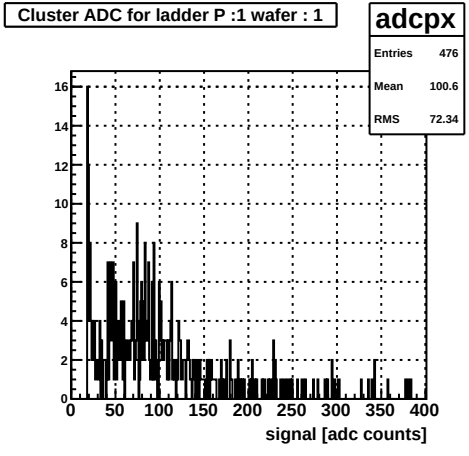
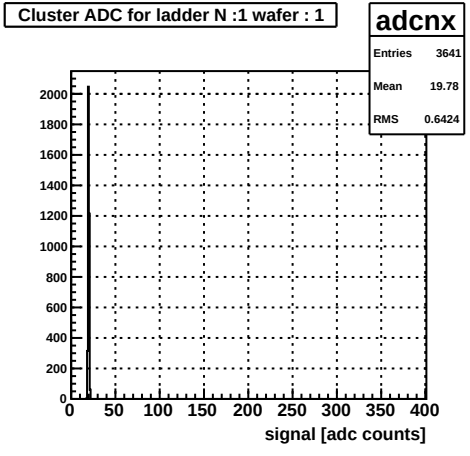
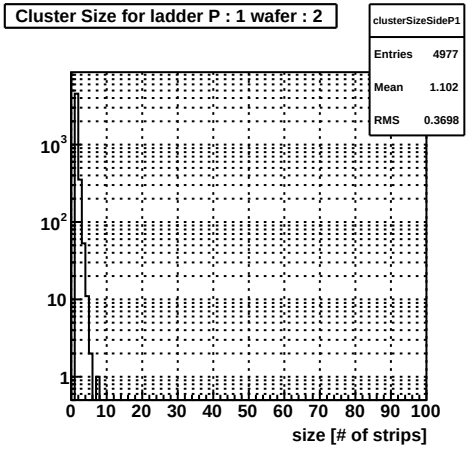

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 476
Mean 1.584
RMS 0.7554
size [# of strips]

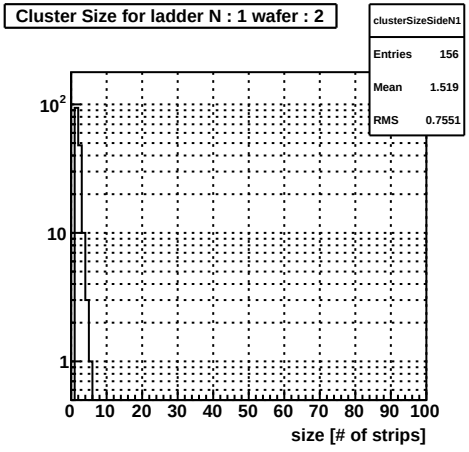

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3641
Mean 1
RMS 0
size [# of strips]

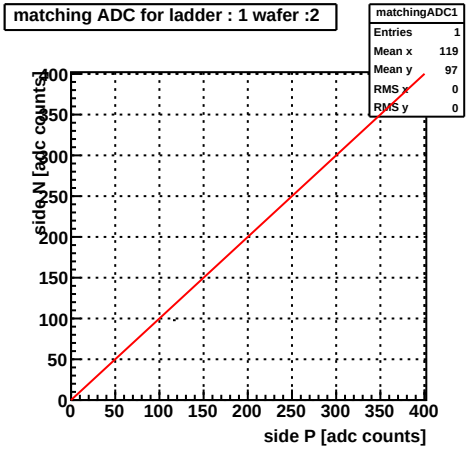

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

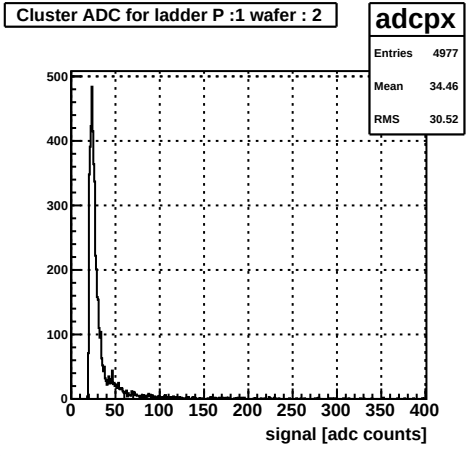

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 476
Mean 100.6
RMS 72.34
signal [adc counts]

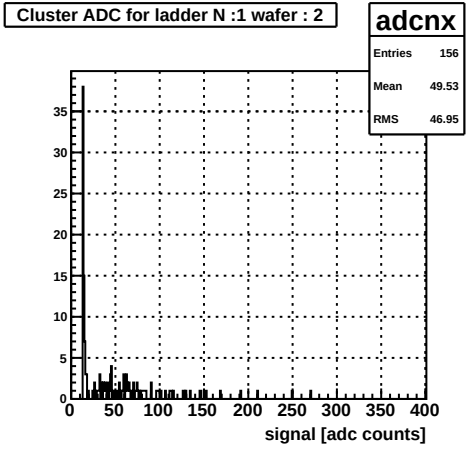

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3641
Mean 19.78
RMS 0.6424
signal [adc counts]

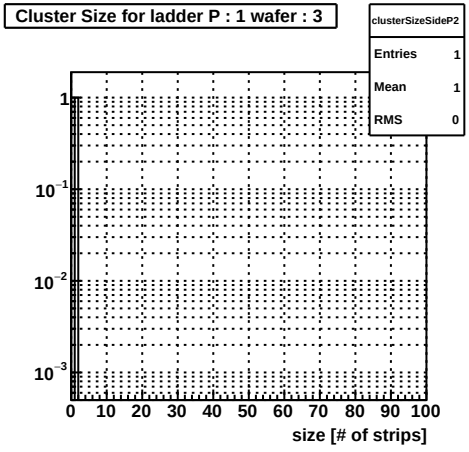

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4977
Mean 1.102
RMS 0.3698
size [# of strips]

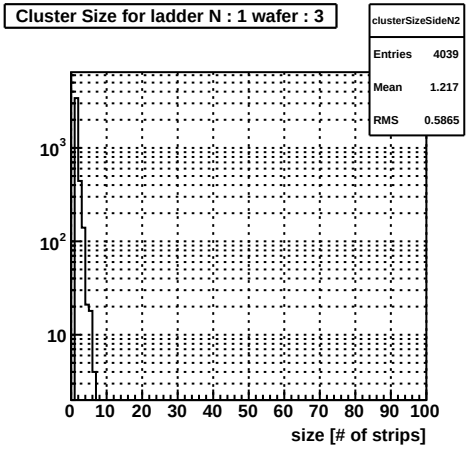

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 156
Mean 1.519
RMS 0.7551
size [# of strips]

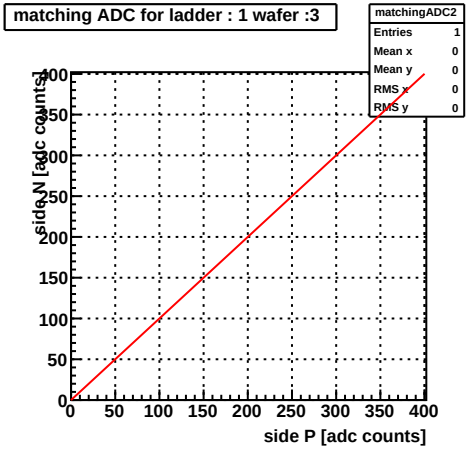

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 119
Mean y 97
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

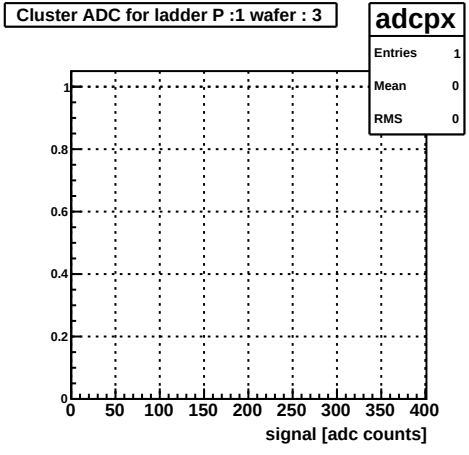

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4977
Mean 34.46
RMS 30.52
signal [adc counts]

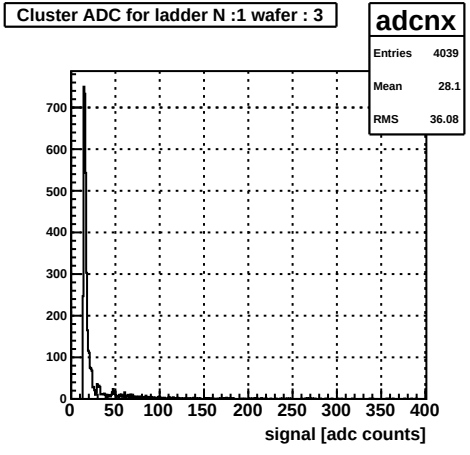

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 156
Mean 49.53
RMS 46.95
signal [adc counts]

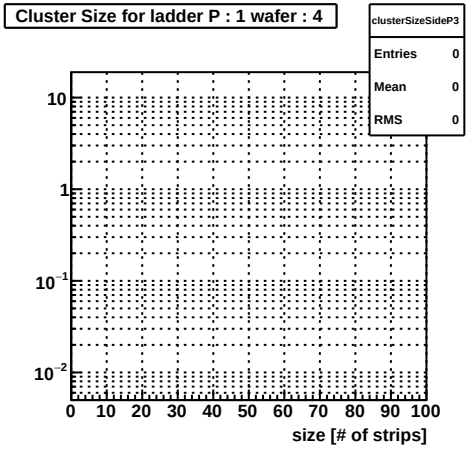

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

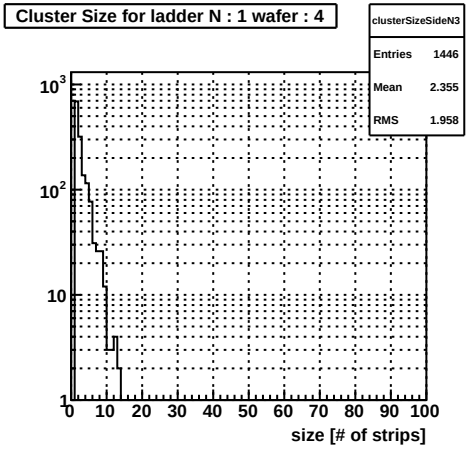

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4039
Mean 1.217
RMS 0.5865
size [# of strips]

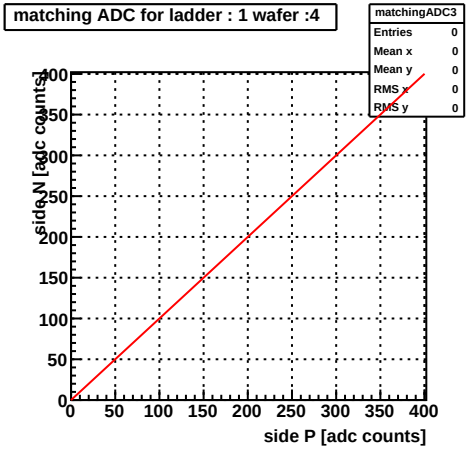

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

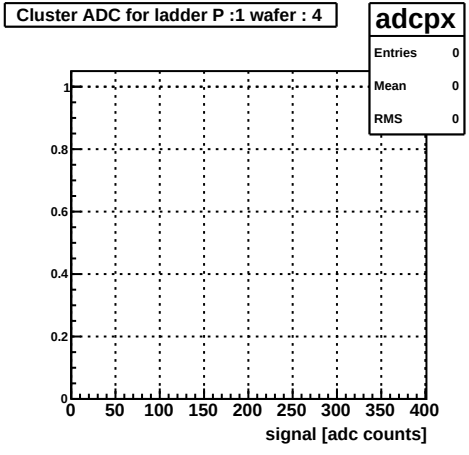

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

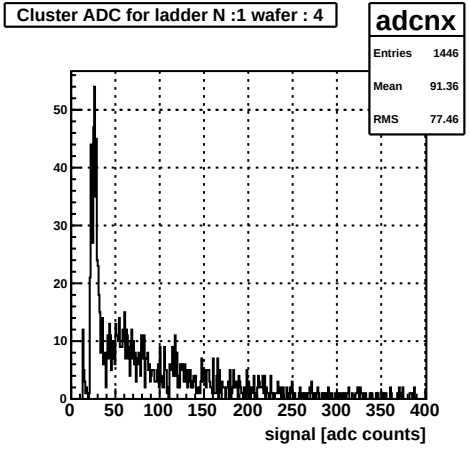

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4039
Mean 28.1
RMS 36.08
signal [adc counts]

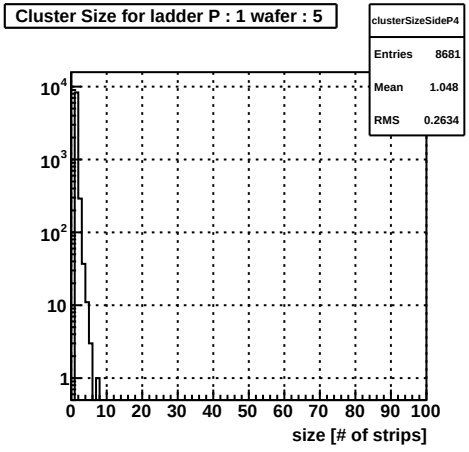

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

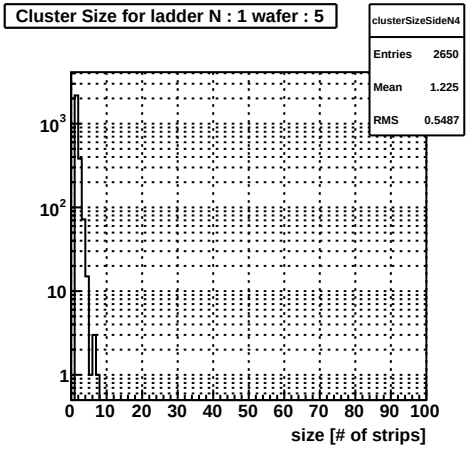

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1446
Mean 2.355
RMS 1.958
size [# of strips]

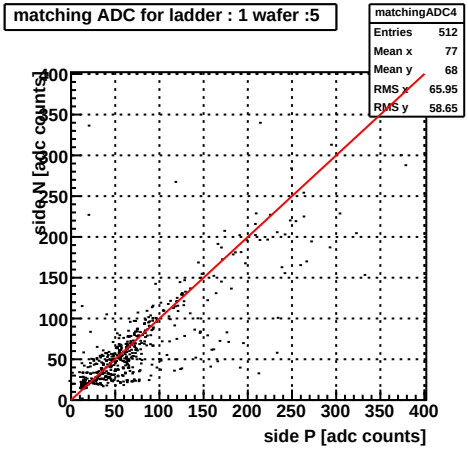

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

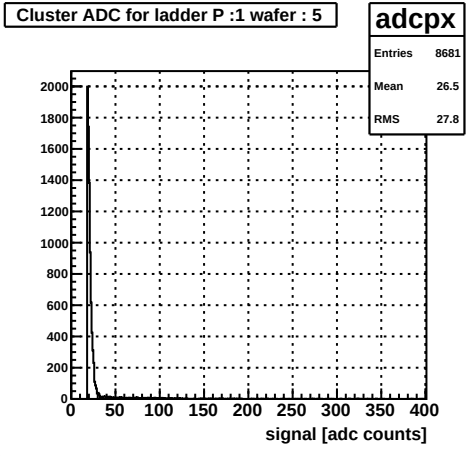

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

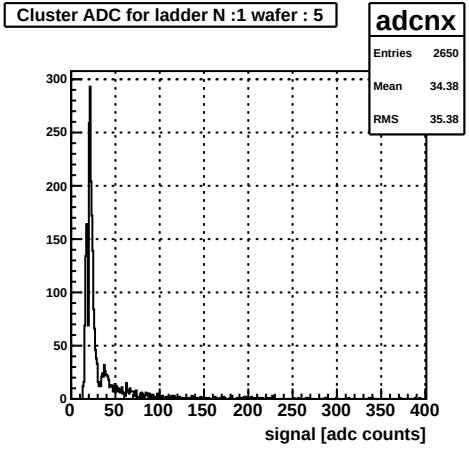

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1446
Mean 91.36
RMS 77.46
signal [adc counts]

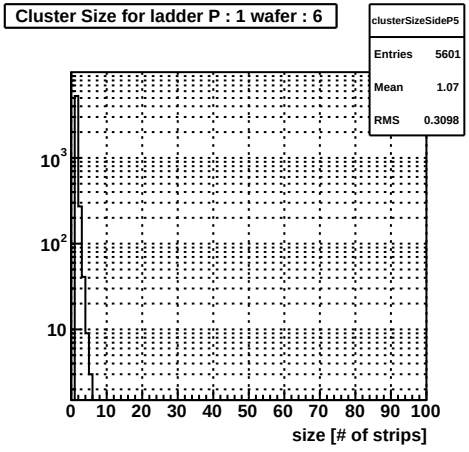

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8681
Mean 1.048
RMS 0.2634
size [# of strips]

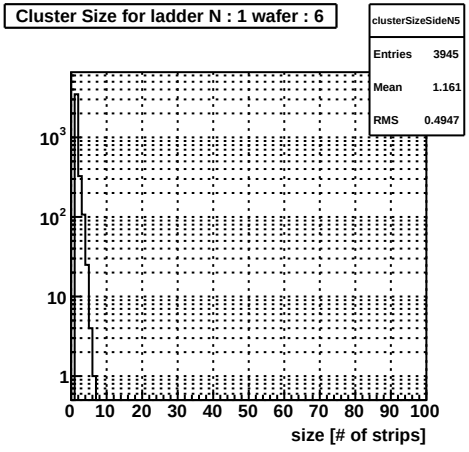

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2650
Mean 1.225
RMS 0.5487
size [# of strips]

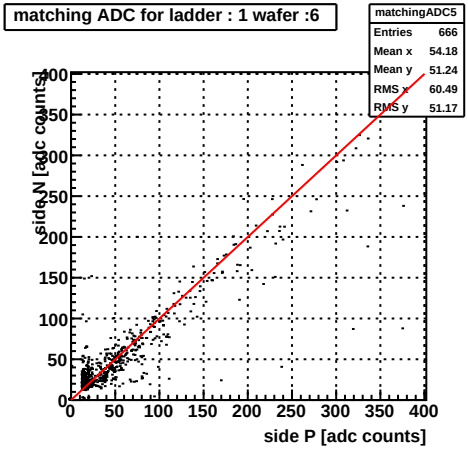

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 512
Mean x 77
Mean y 68
RMS x 65.95
RMS y 58.65
side N [adc counts]
side P [adc counts]

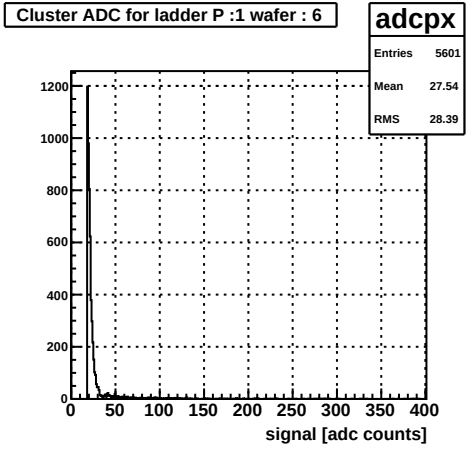

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8681
Mean 26.5
RMS 27.8
signal [adc counts]

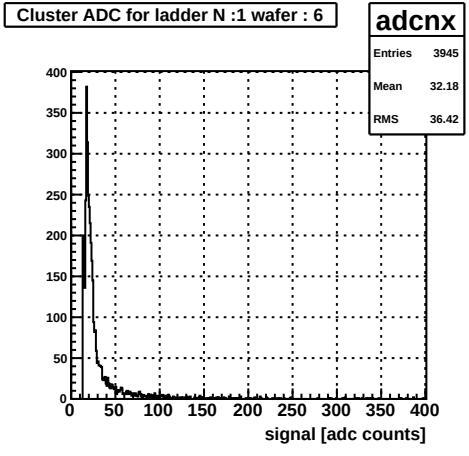

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2650
Mean 34.38
RMS 35.38
signal [adc counts]

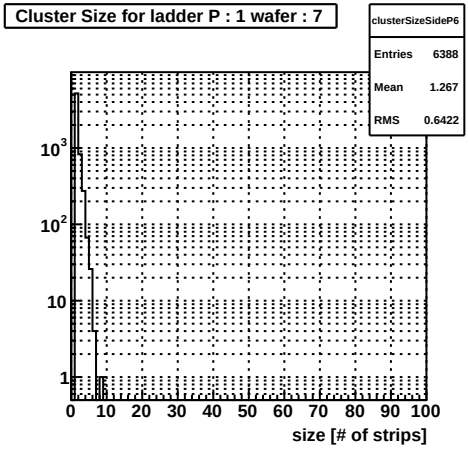

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5601
Mean 1.07
RMS 0.3098
size [# of strips]

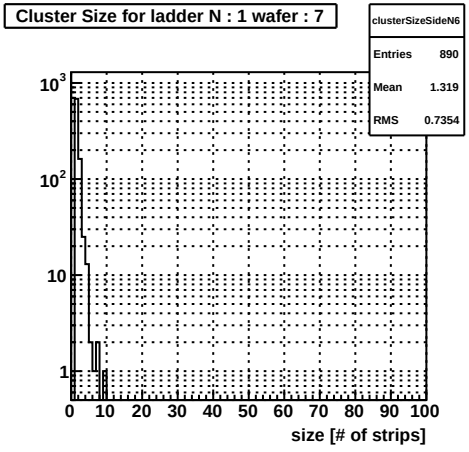

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3945
Mean 1.161
RMS 0.4947
size [# of strips]

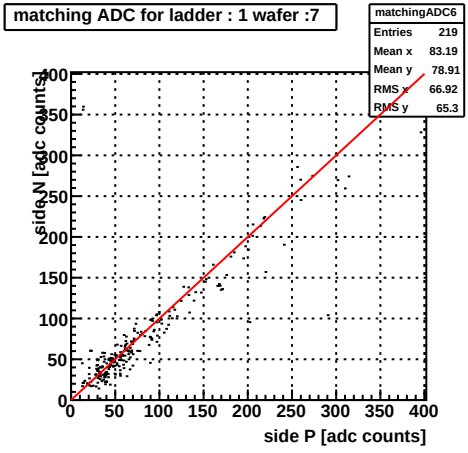

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 666
Mean x 54.18
Mean y 51.24
RMS x 60.49
RMS y 51.17
side N [adc counts]
side P [adc counts]

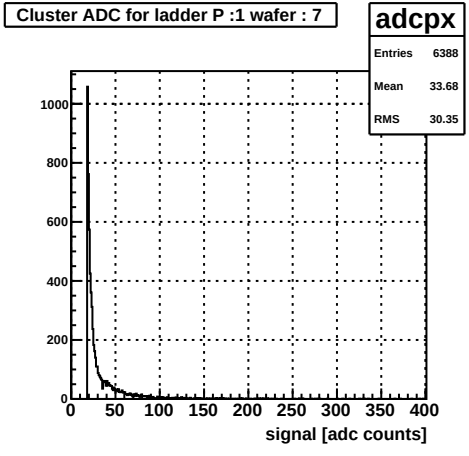

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5601
Mean 27.54
RMS 28.39
signal [adc counts]

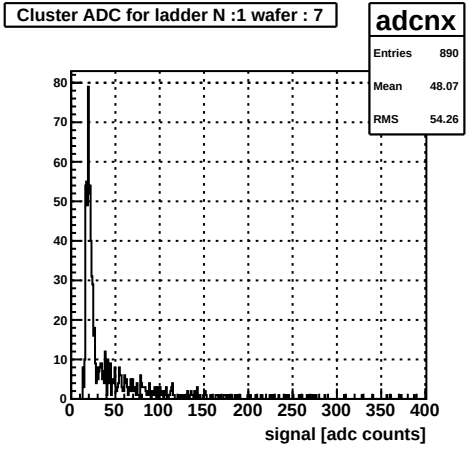

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3945
Mean 32.18
RMS 36.42
signal [adc counts]

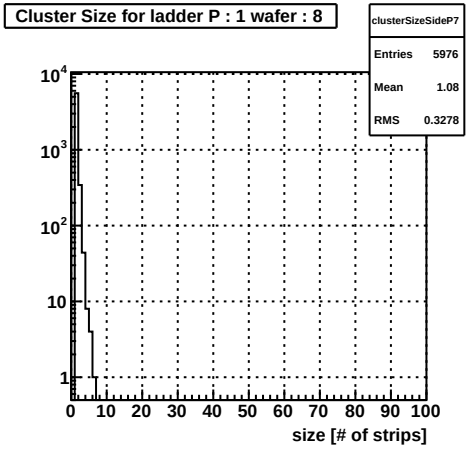

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6388
Mean 1.267
RMS 0.6422
size [# of strips]

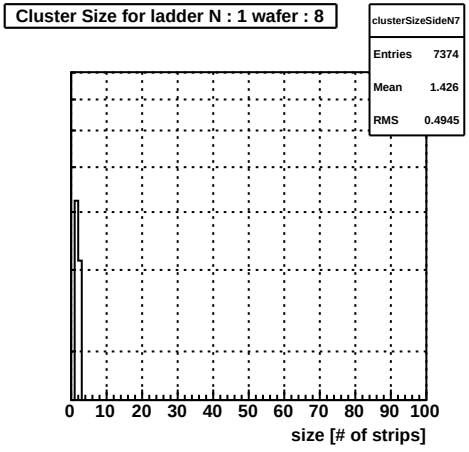

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 890
Mean 1.319
RMS 0.7354
size [# of strips]

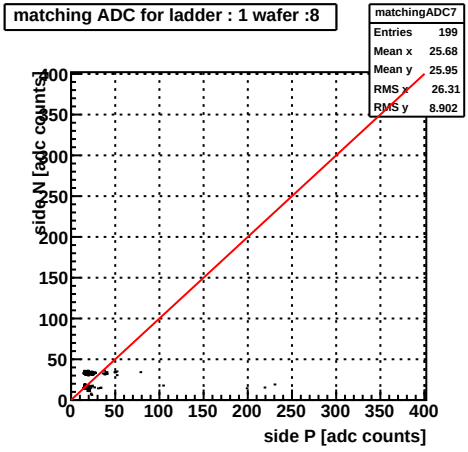

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 219
Mean x 83.19
Mean y 78.91
RMS x 66.92
RMS y 65.3
side N [adc counts]
side P [adc counts]

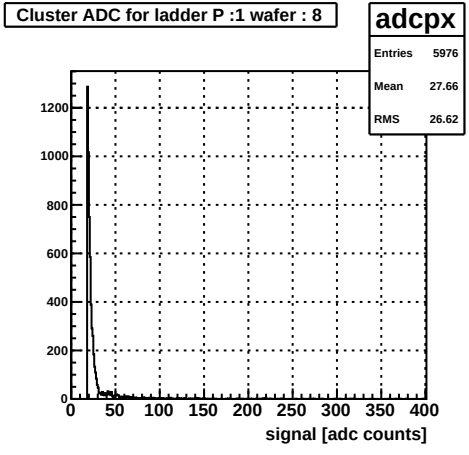

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6388
Mean 33.68
RMS 30.35
signal [adc counts]

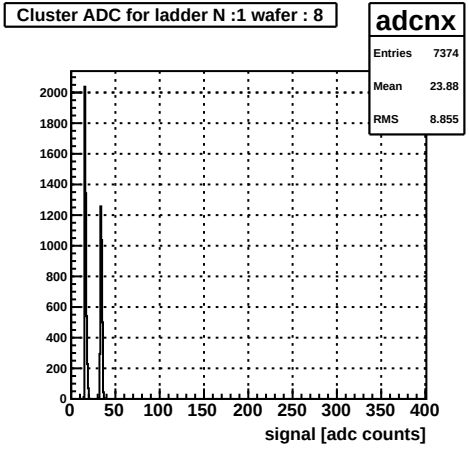

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 890
Mean 48.07
RMS 54.26
signal [adc counts]

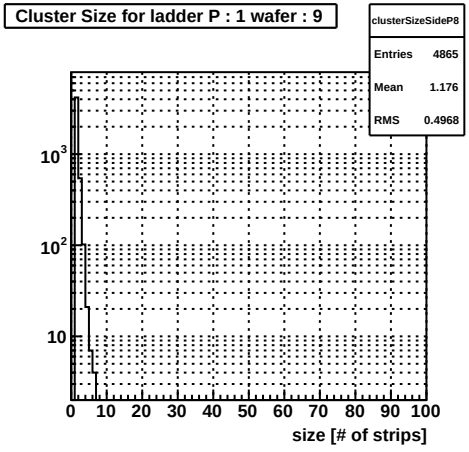

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5976
Mean 1.08
RMS 0.3278
size [# of strips]

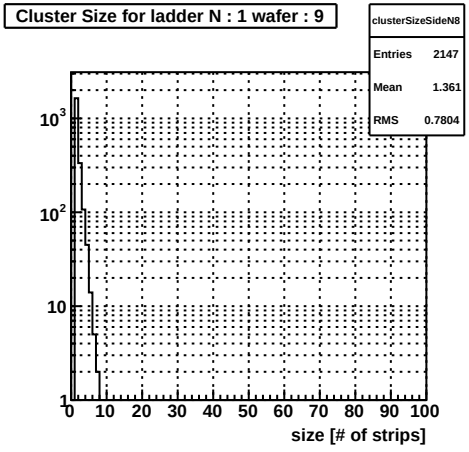

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7374
Mean 1.426
RMS 0.4945
size [# of strips]

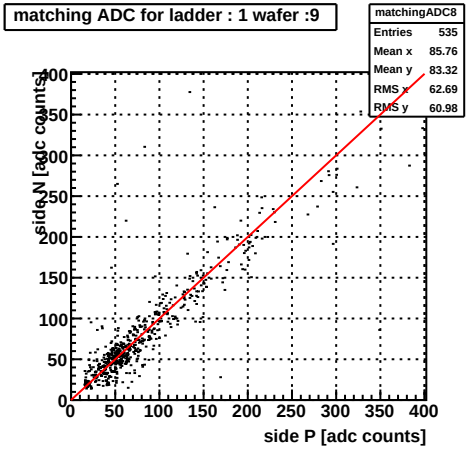

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 199
Mean x 25.68
Mean y 25.95
RMS x 26.31
RMS y 8.902
side N [adc counts]
side P [adc counts]

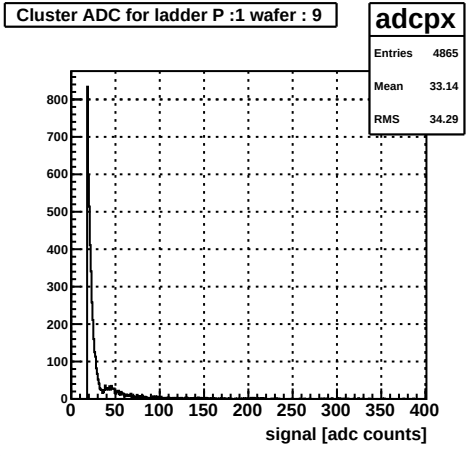

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5976
Mean 27.66
RMS 26.62
signal [adc counts]

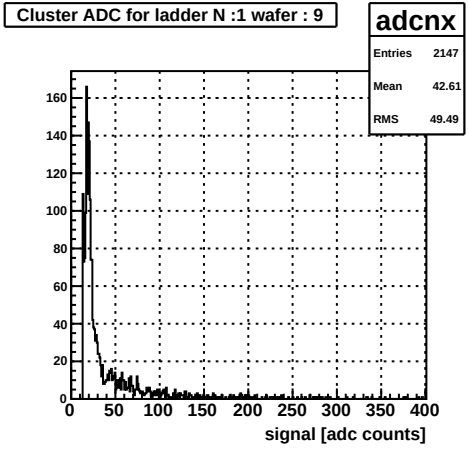

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7374
Mean 23.88
RMS 8.855
signal [adc counts]

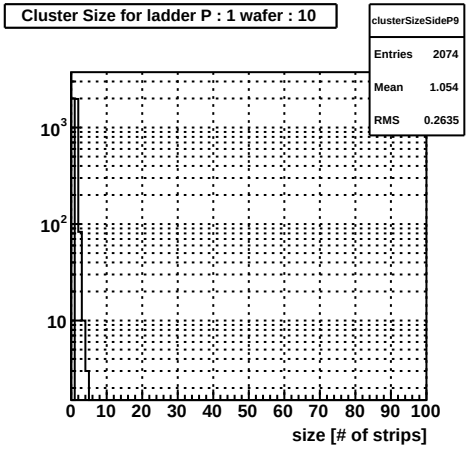

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4865
Mean 1.176
RMS 0.4968
size [# of strips]

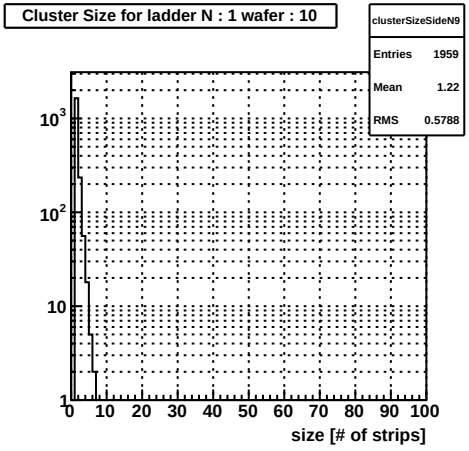

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2147
Mean 1.361
RMS 0.7804
size [# of strips]

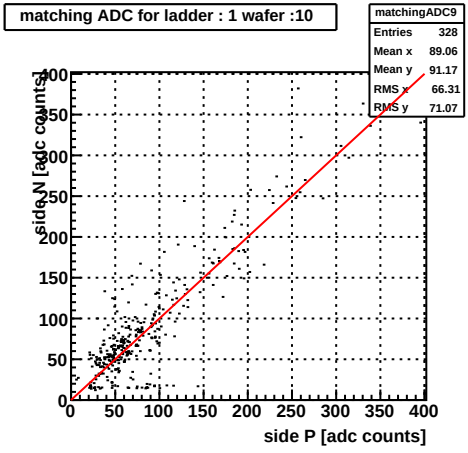

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 535
Mean x 85.76
Mean y 83.32
RMS x 62.69
RMS y 60.98
side N [adc counts]
side P [adc counts]

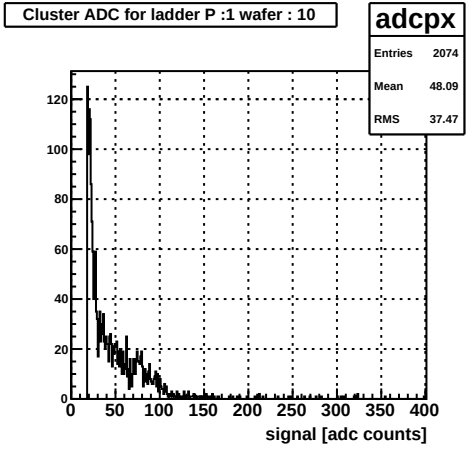

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4865
Mean 33.14
RMS 34.29
signal [adc counts]

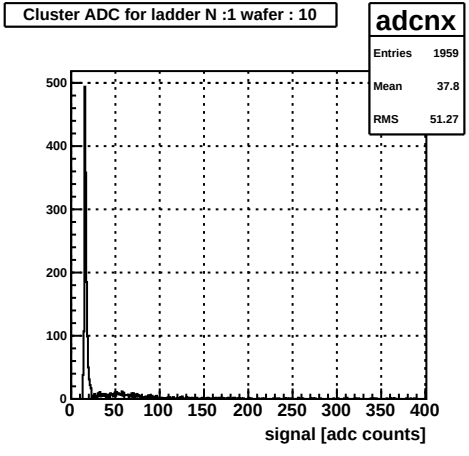

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2147
Mean 42.61
RMS 49.49
signal [adc counts]

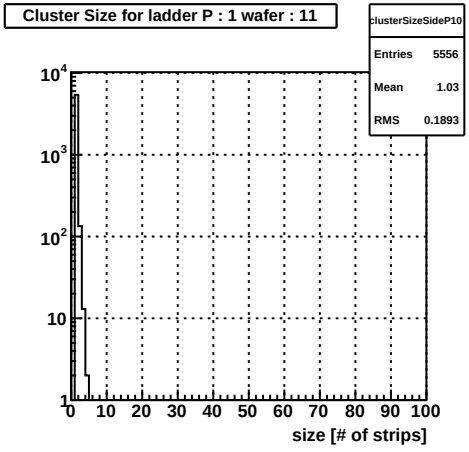

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2074
Mean 1.054
RMS 0.2635
size [# of strips]

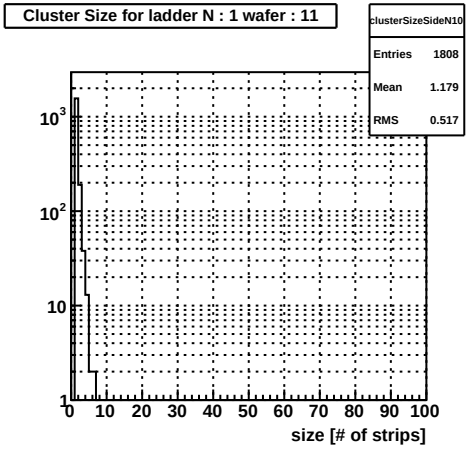

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1959
Mean 1.22
RMS 0.5788
size [# of strips]

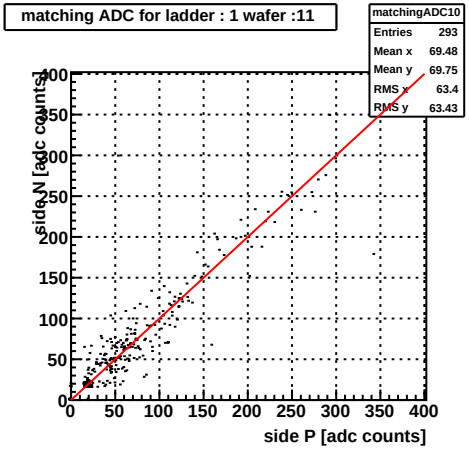

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 328
Mean x 89.06
Mean y 91.17
RMS x 66.31
RMS y 71.07
side N [adc counts]
side P [adc counts]

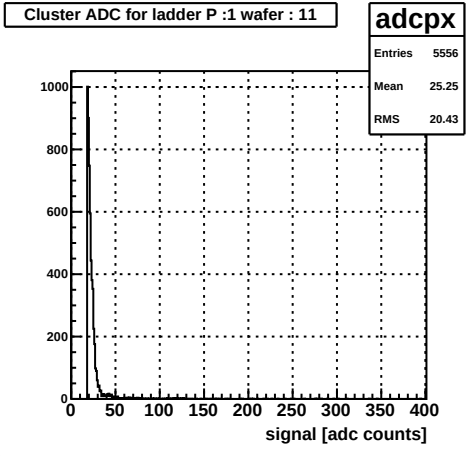

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2074
Mean 48.09
RMS 37.47
signal [adc counts]

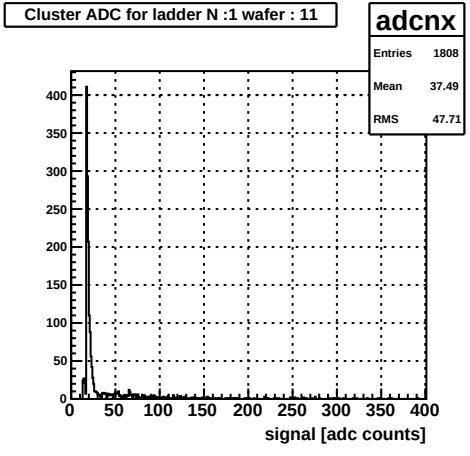

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1959
Mean 37.8
RMS 51.27
signal [adc counts]

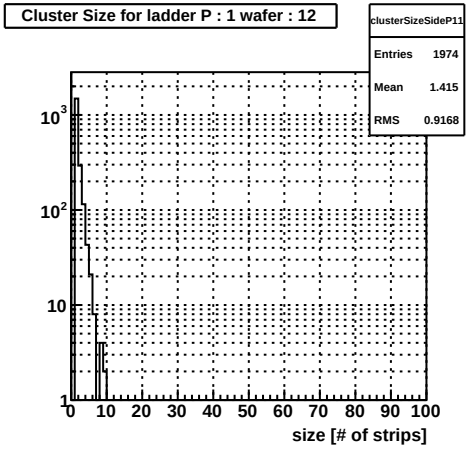

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5556
Mean 1.03
RMS 0.1893
size [# of strips]

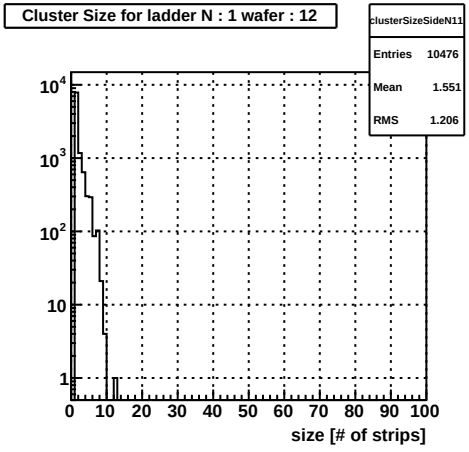

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1808
Mean 1.179
RMS 0.517
size [# of strips]

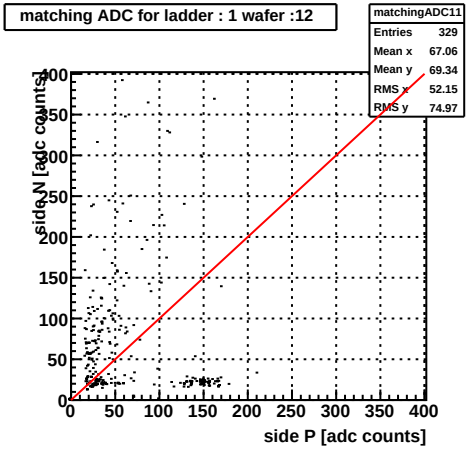

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 293
Mean x 69.48
Mean y 69.75
RMS x 63.4
RMS y 63.43
side N [adc counts]
side P [adc counts]

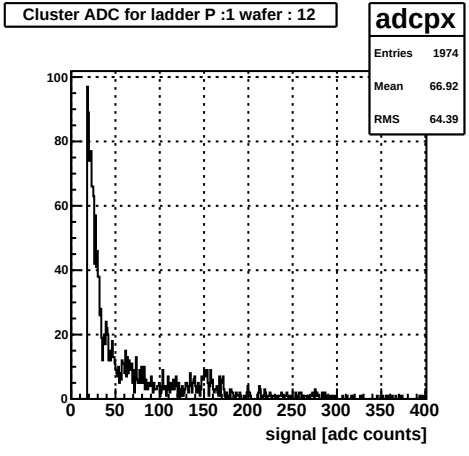

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5556
Mean 25.25
RMS 20.43
signal [adc counts]

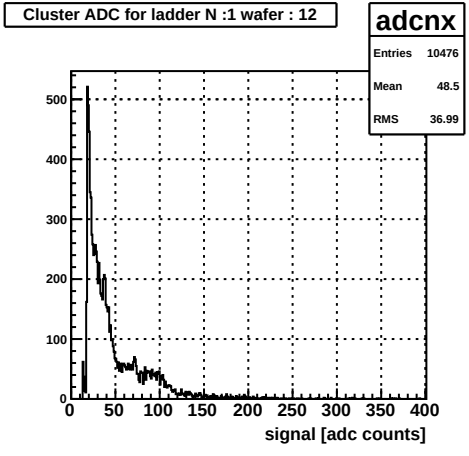

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1808
Mean 37.49
RMS 47.71
signal [adc counts]

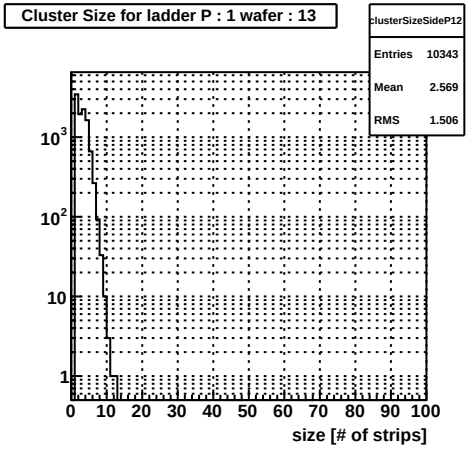

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1974
Mean 1.415
RMS 0.9168
size [# of strips]

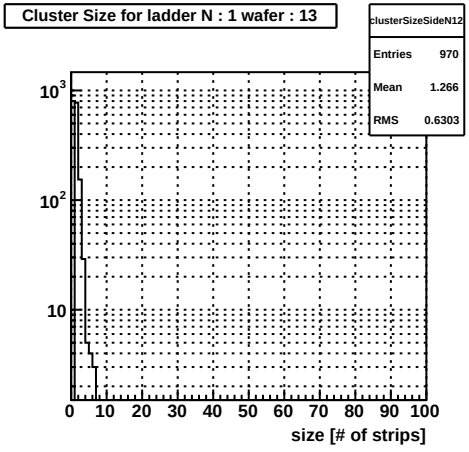

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10476
Mean 1.551
RMS 1.206
size [# of strips]

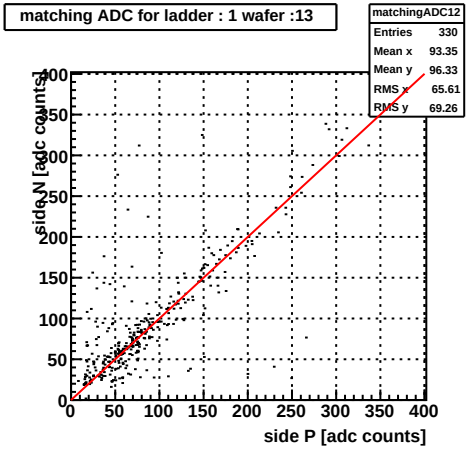

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 329
Mean x 67.06
Mean y 69.34
RMS x 52.15
RMS y 74.97
side N [adc counts]
side P [adc counts]

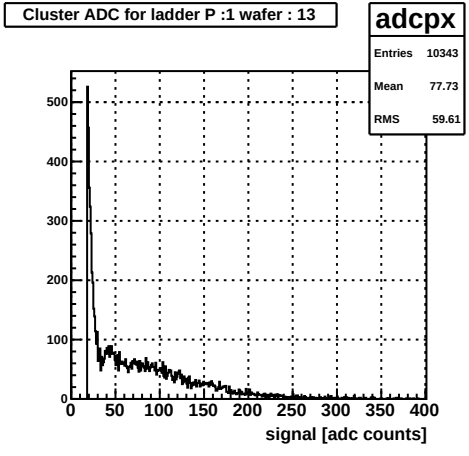

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1974
Mean 66.92
RMS 64.39
signal [adc counts]

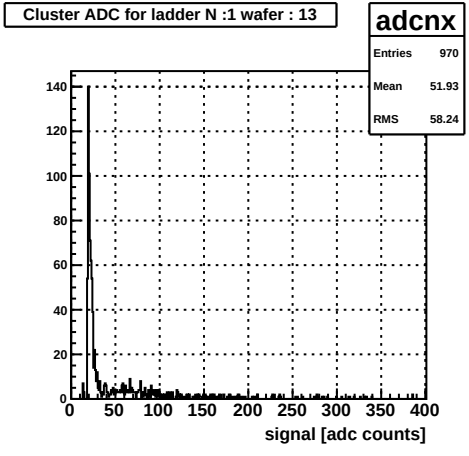

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10476
Mean 48.5
RMS 36.99
signal [adc counts]

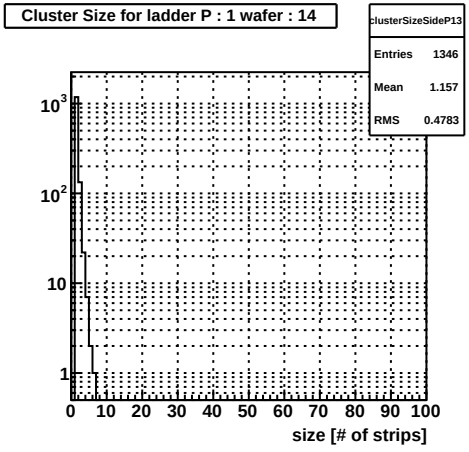

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10343
Mean 2.569
RMS 1.506
size [# of strips]

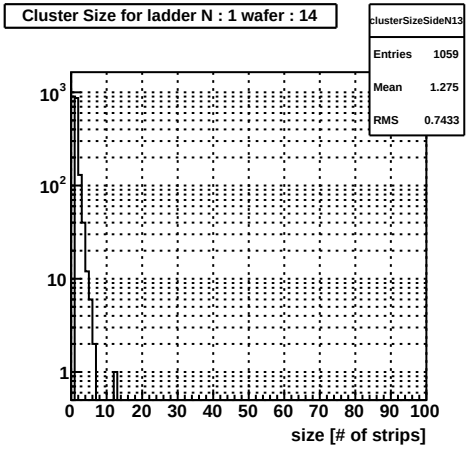

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 970
Mean 1.266
RMS 0.6303
size [# of strips]

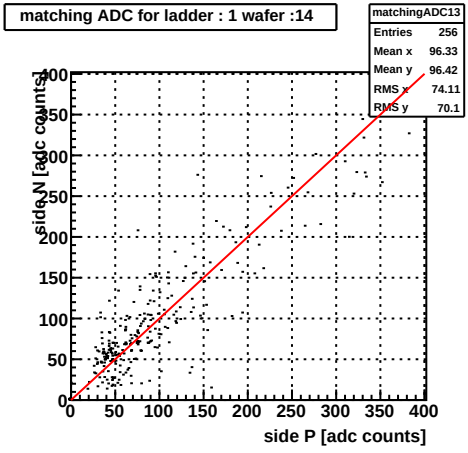

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 330
Mean x 93.35
Mean y 96.33
RMS x 65.61
RMS y 69.26
side N [adc counts]
side P [adc counts]

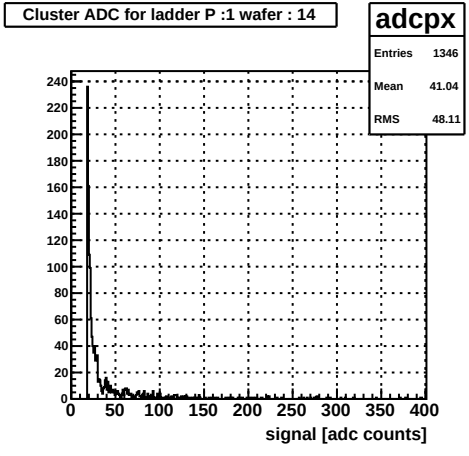

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10343
Mean 77.73
RMS 59.61
signal [adc counts]

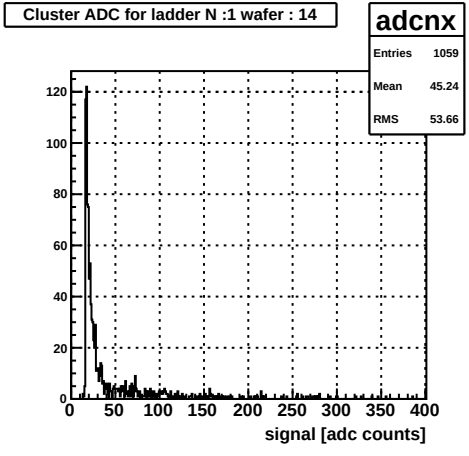

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 970
Mean 51.93
RMS 58.24
signal [adc counts]

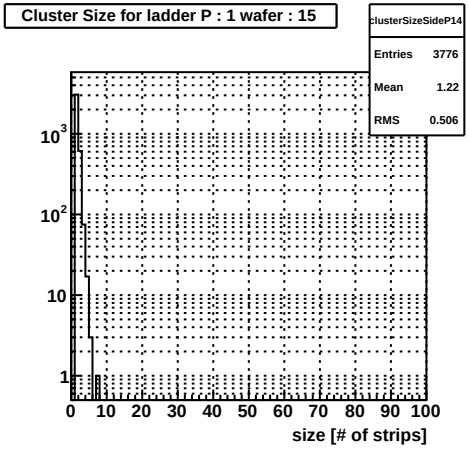

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1346
Mean 1.157
RMS 0.4783
size [# of strips]

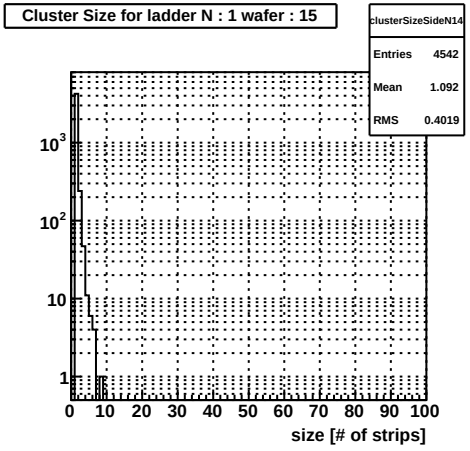

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1059
Mean 1.275
RMS 0.7433
size [# of strips]

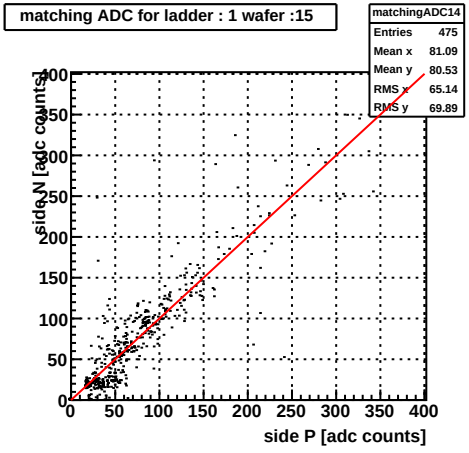

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 256
Mean x 96.33
Mean y 96.42
RMS x 74.11
RMS y 70.1
side N [adc counts]
side P [adc counts]

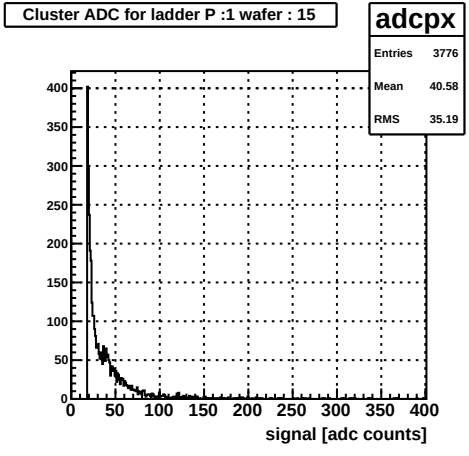

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1346
Mean 41.04
RMS 48.11
signal [adc counts]

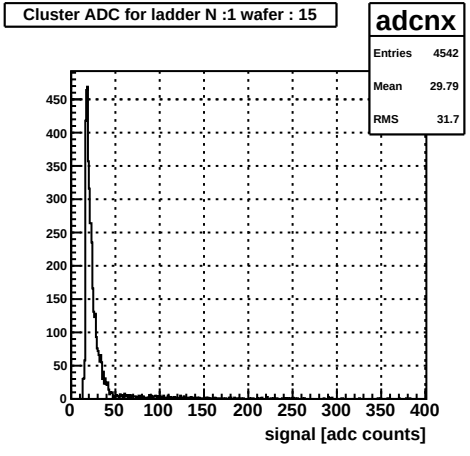

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1059
Mean 45.24
RMS 53.66
signal [adc counts]

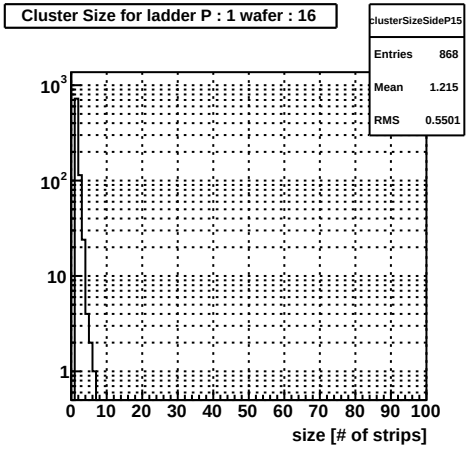

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3776
Mean 1.22
RMS 0.506
size [# of strips]

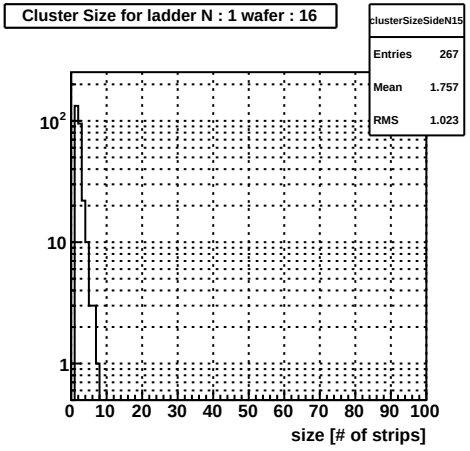

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4542
Mean 1.092
RMS 0.4019
size [# of strips]

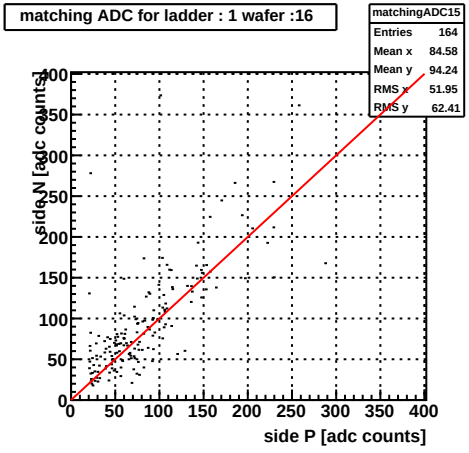

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 475
Mean x 81.09
Mean y 80.53
RMS x 65.14
RMS y 69.89
side N [adc counts]
side P [adc counts]

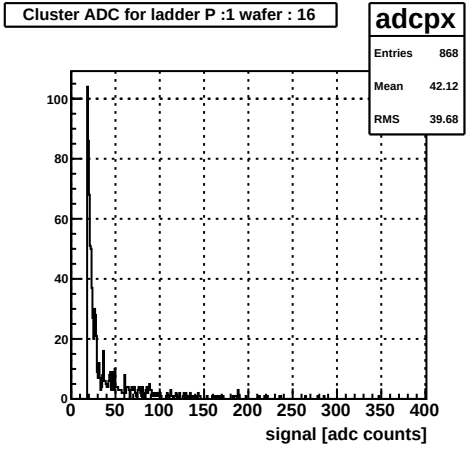

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3776
Mean 40.58
RMS 35.19
signal [adc counts]

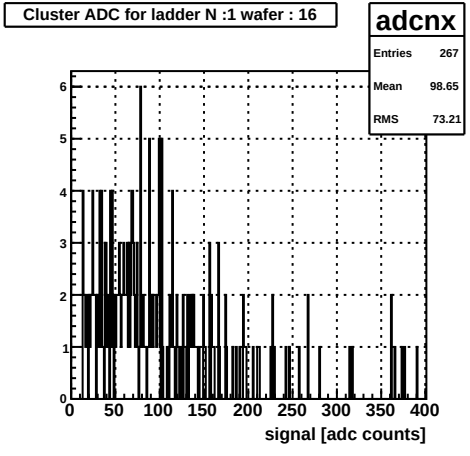

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4542
Mean 29.79
RMS 31.7
signal [adc counts]

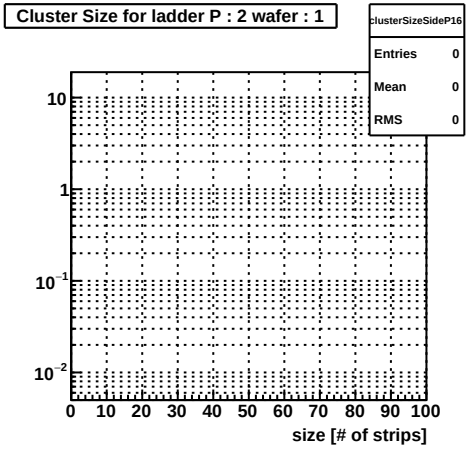

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 868
Mean 1.215
RMS 0.5501
size [# of strips]

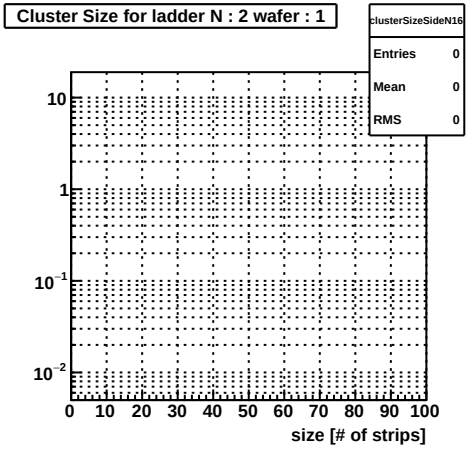

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 267
Mean 1.757
RMS 1.023
size [# of strips]

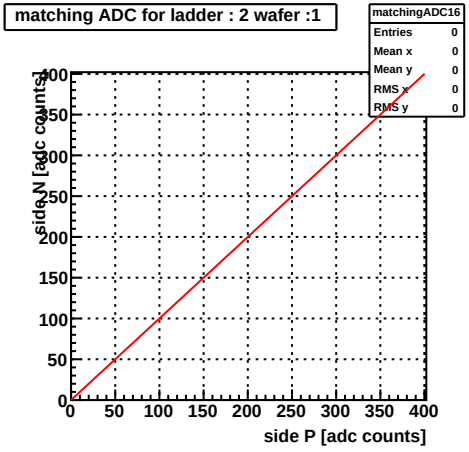

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 164
Mean x 84.58
Mean y 94.24
RMS x 51.95
RMS y 62.41
side N [adc counts]
side P [adc counts]

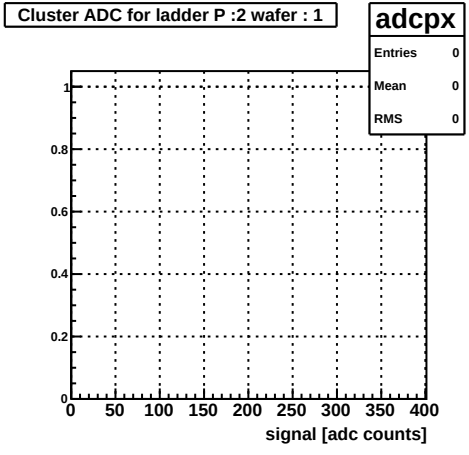

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 868
Mean 42.12
RMS 39.68
signal [adc counts]

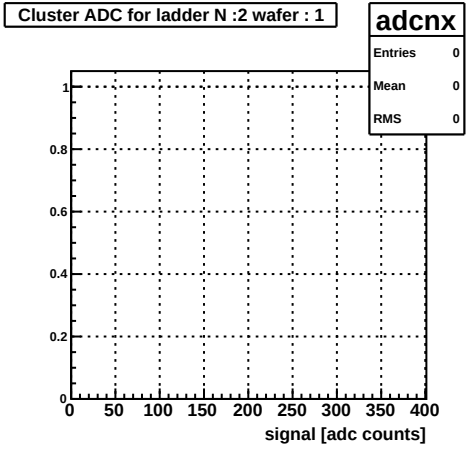

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 267
Mean 98.65
RMS 73.21
signal [adc counts]

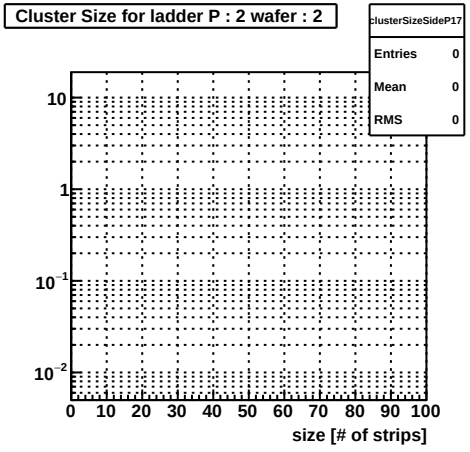

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

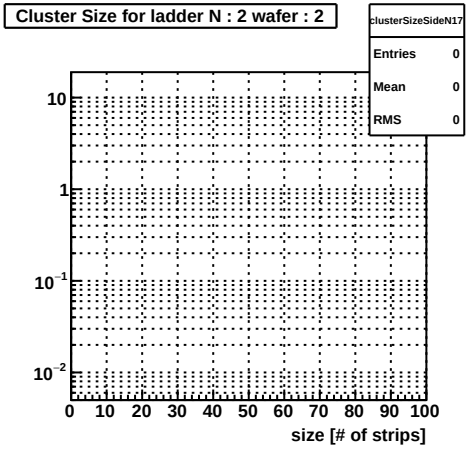

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

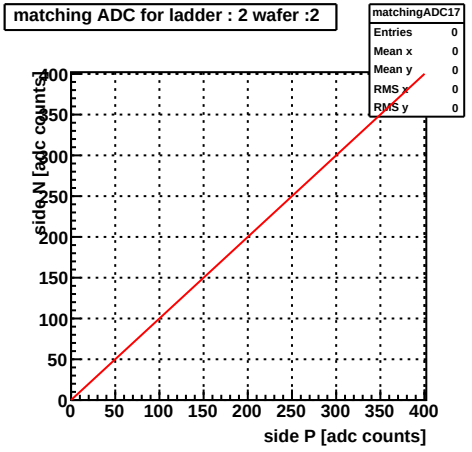

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

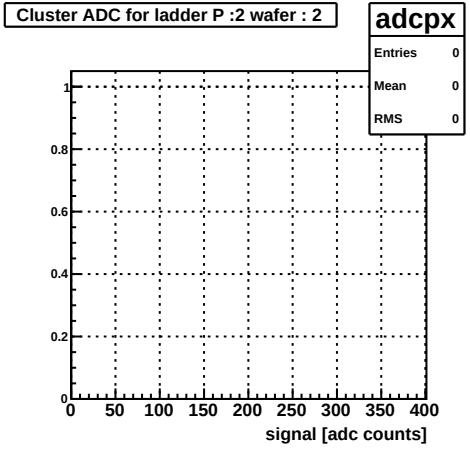

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

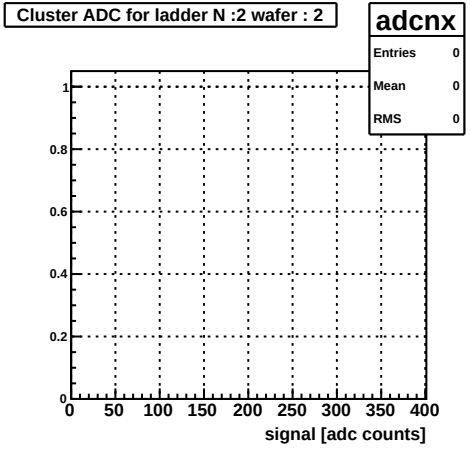

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

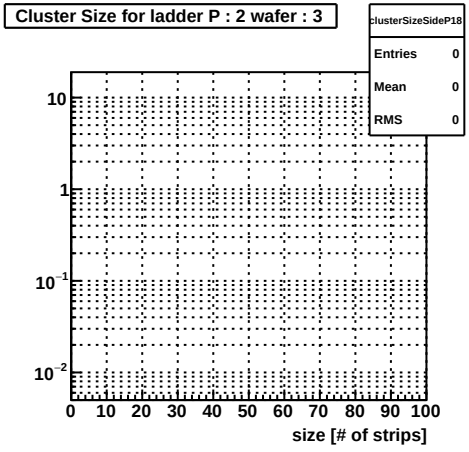

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

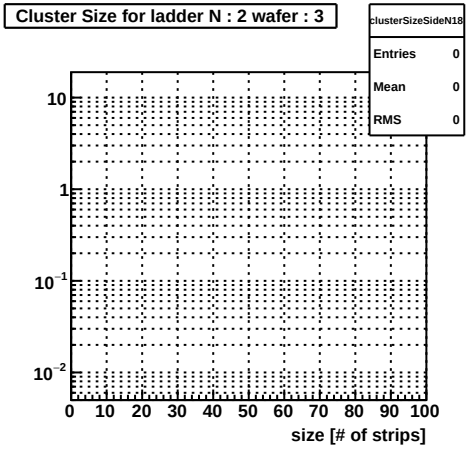

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

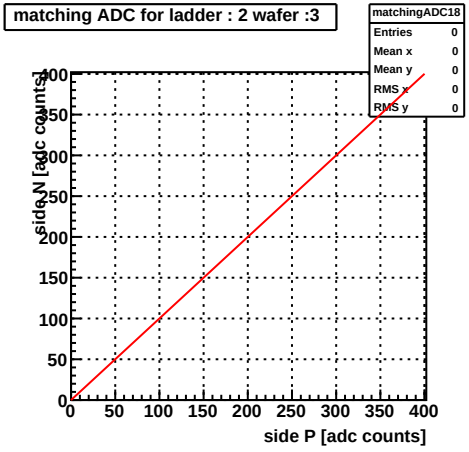

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

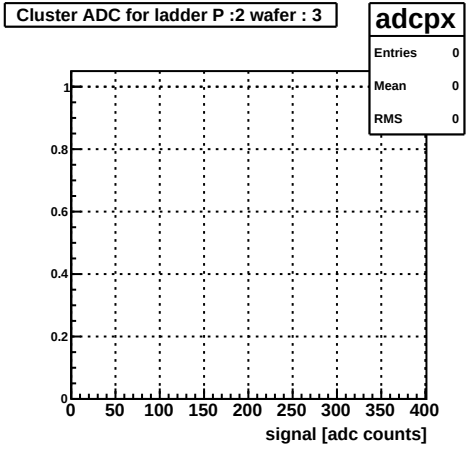

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

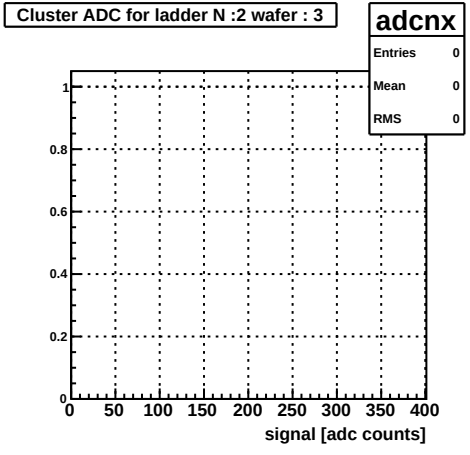

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

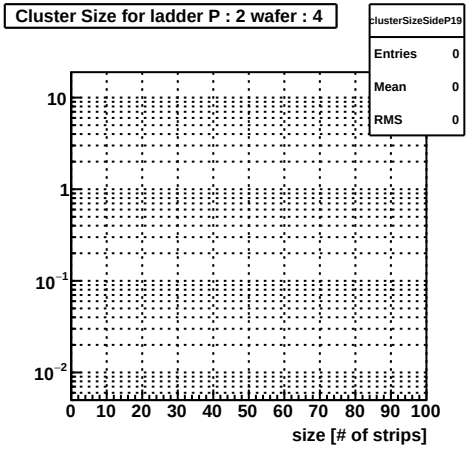

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

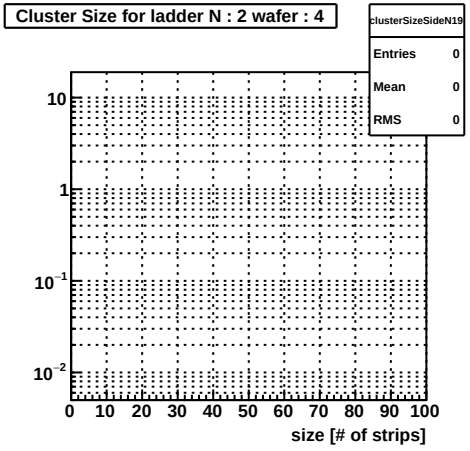

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

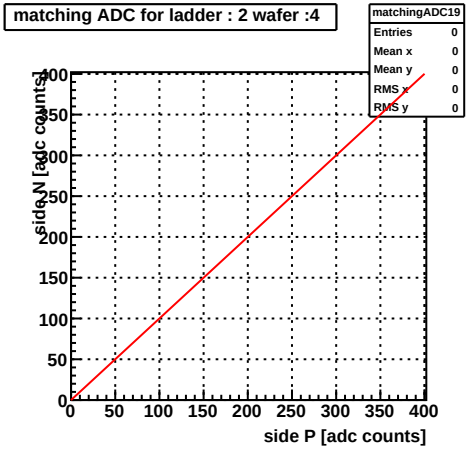

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

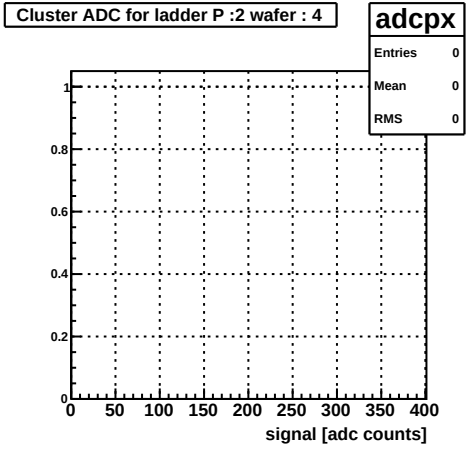

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

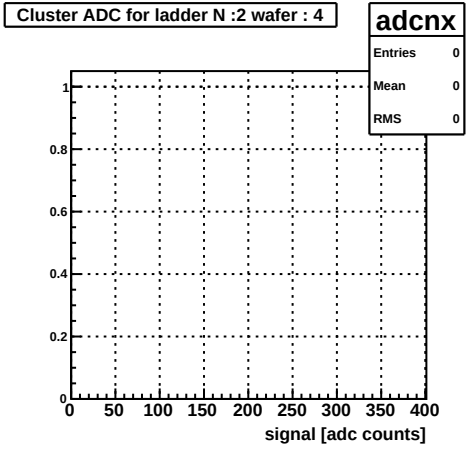

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

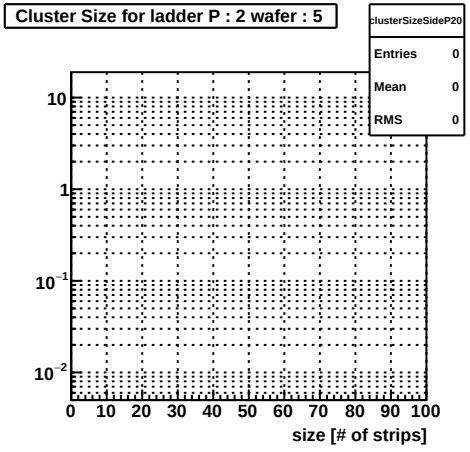

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

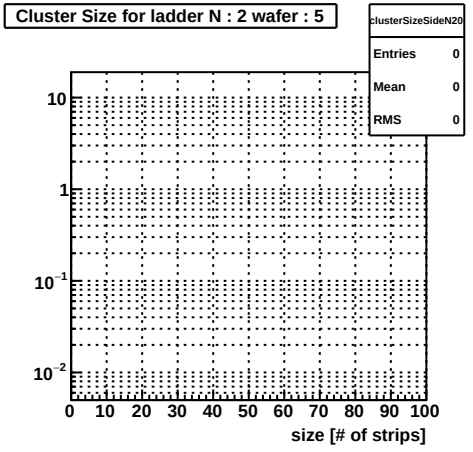

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

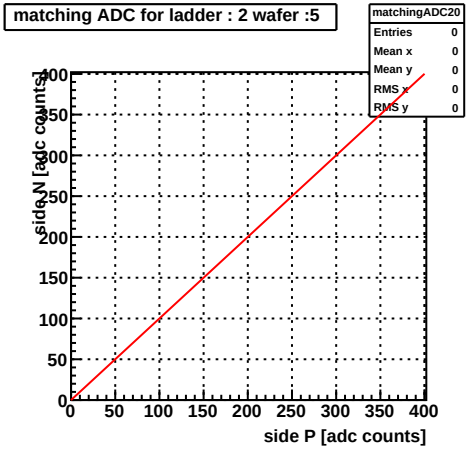

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

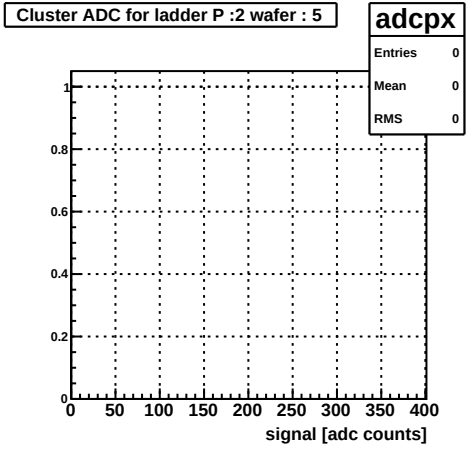

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

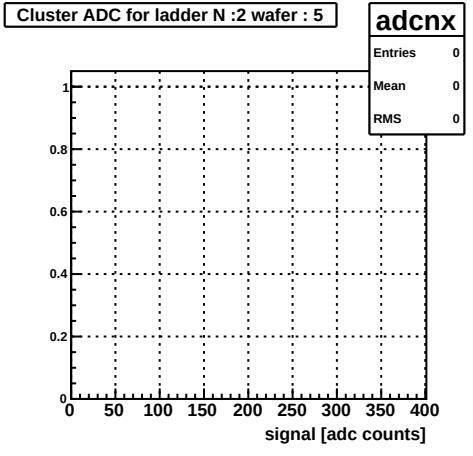

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

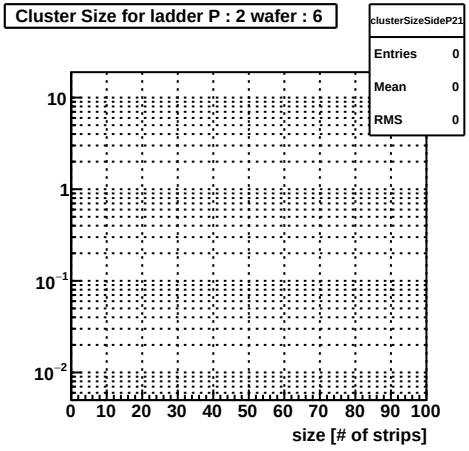

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

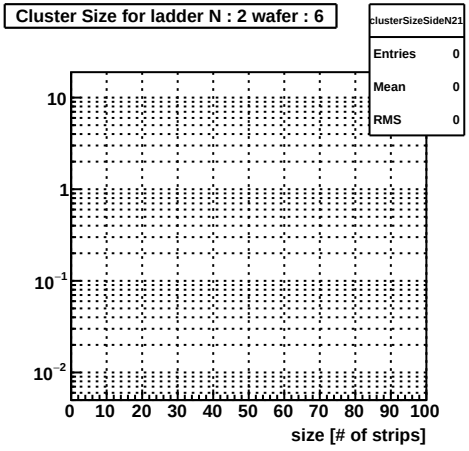

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

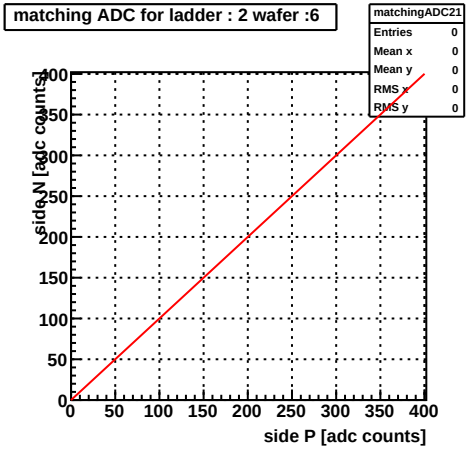

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

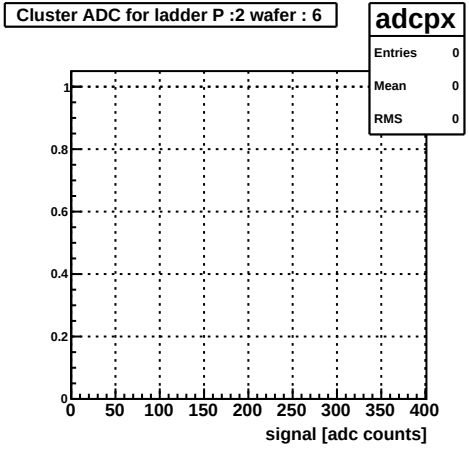

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

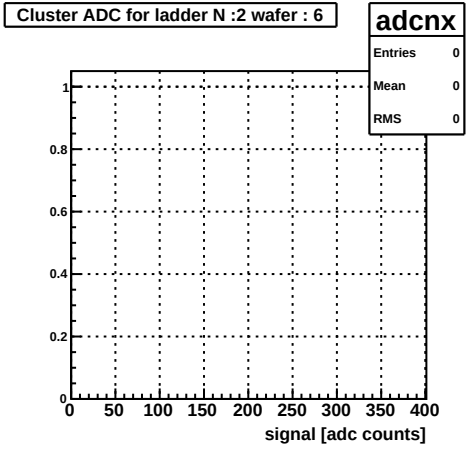

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

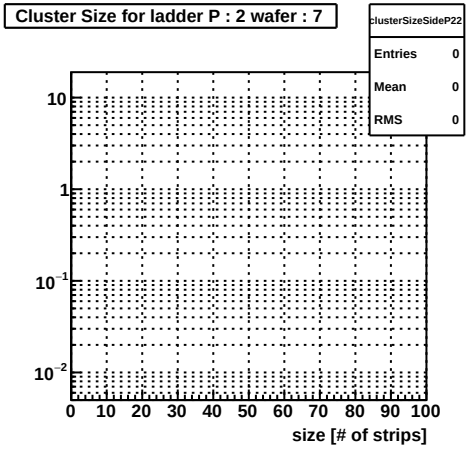

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

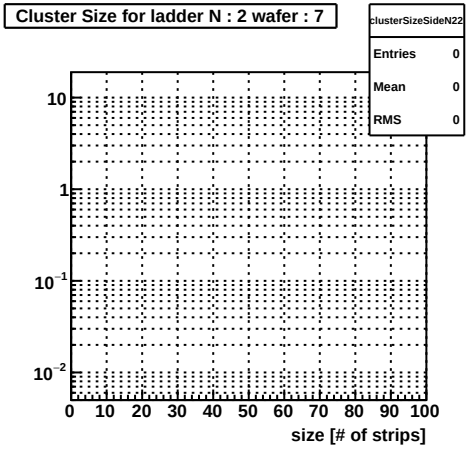

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

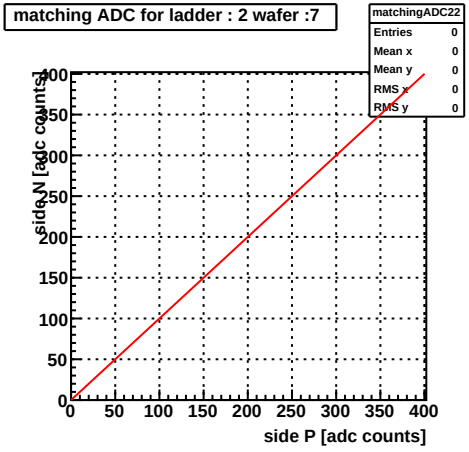

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

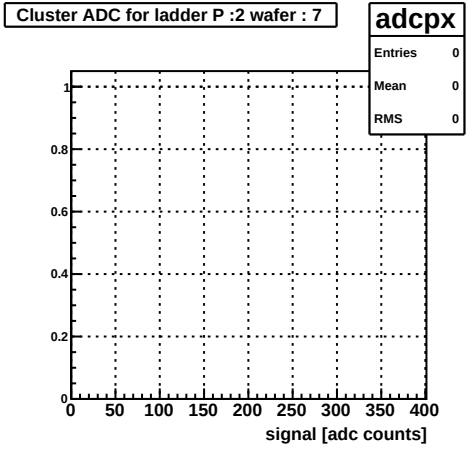

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

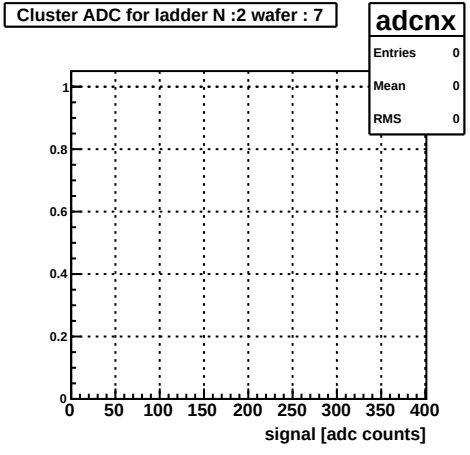

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

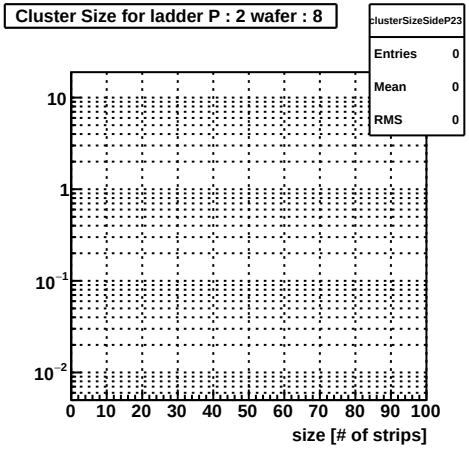

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

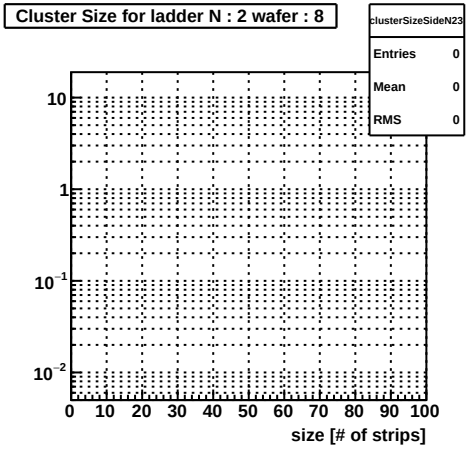

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

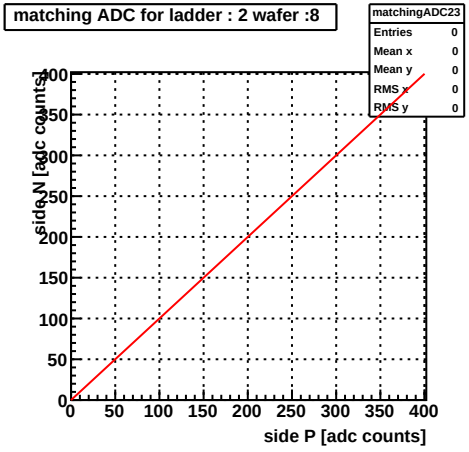

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

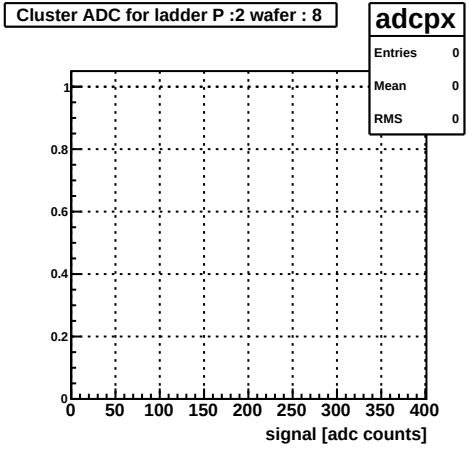

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

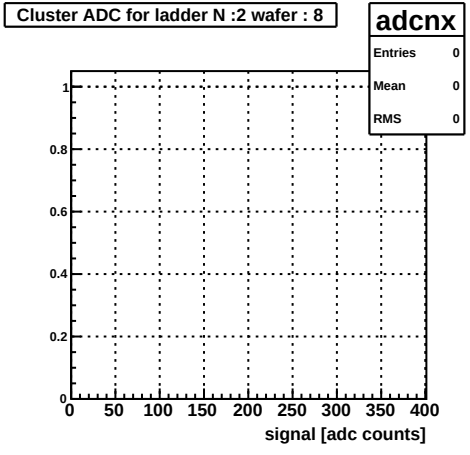

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

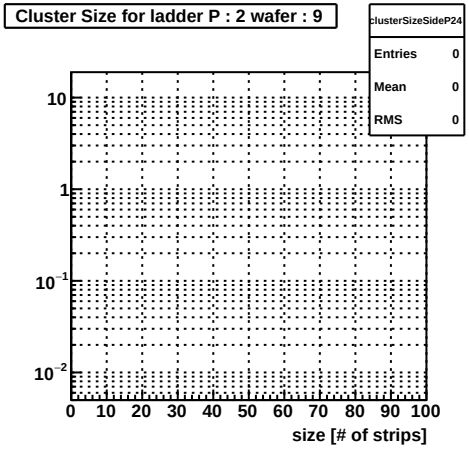

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

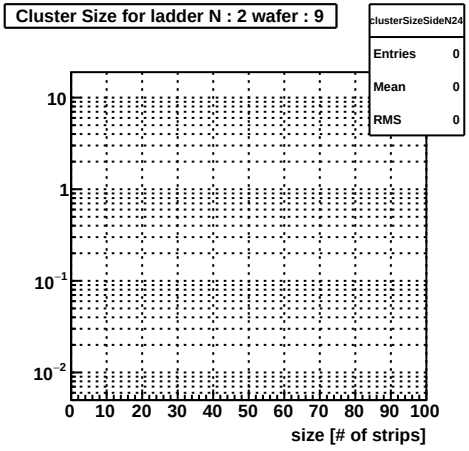

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

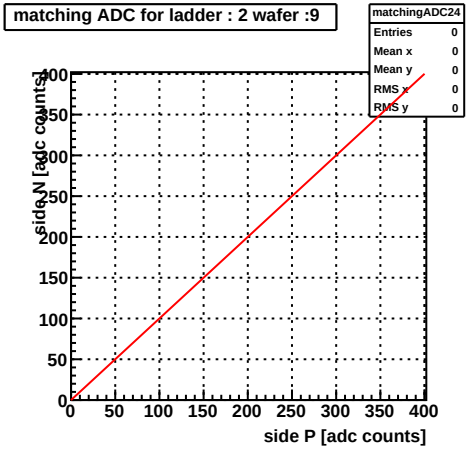

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

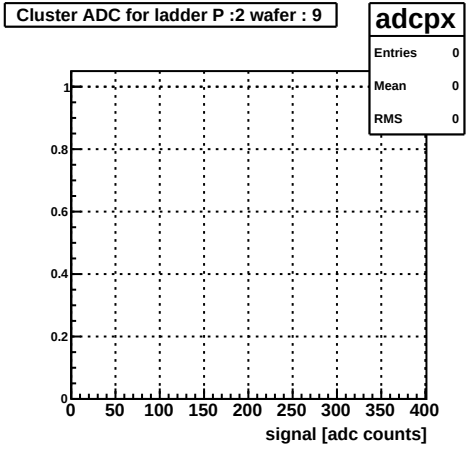

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

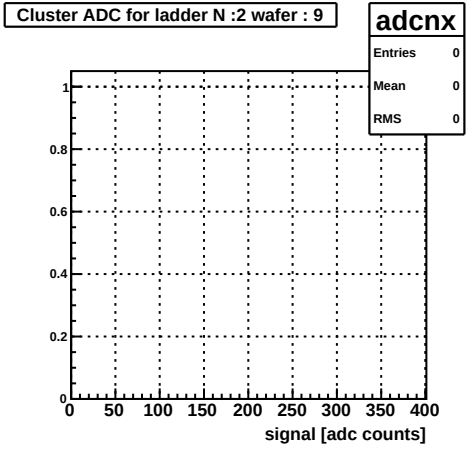

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

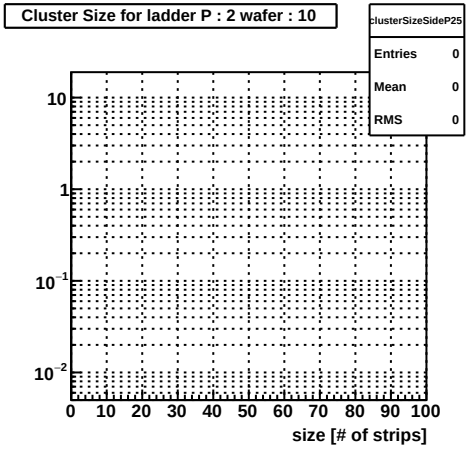

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

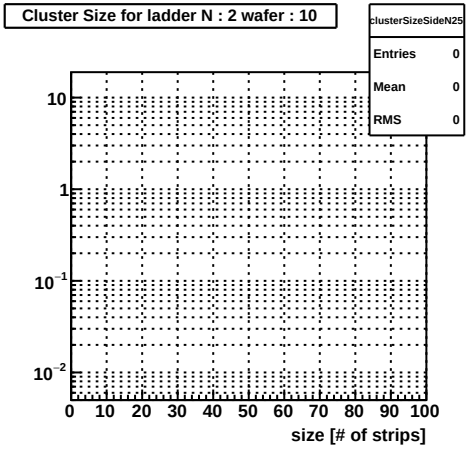

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

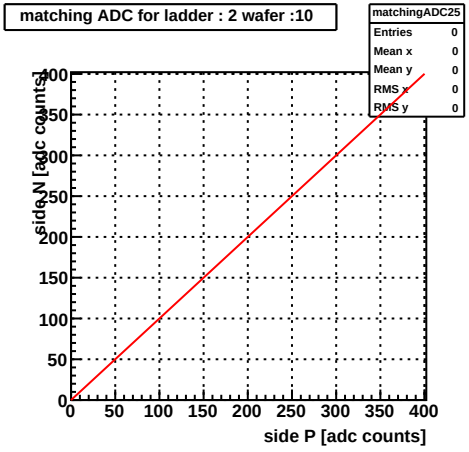

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

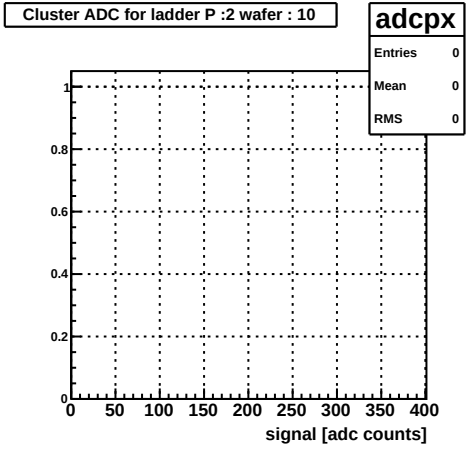

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

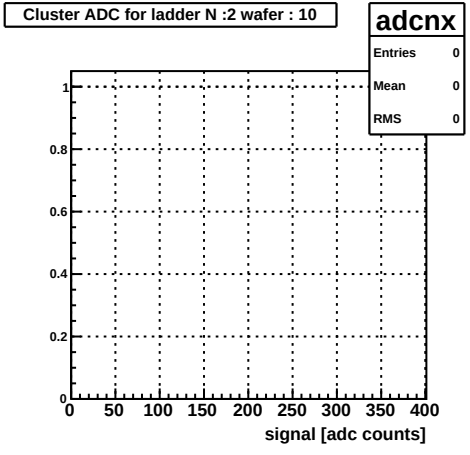

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

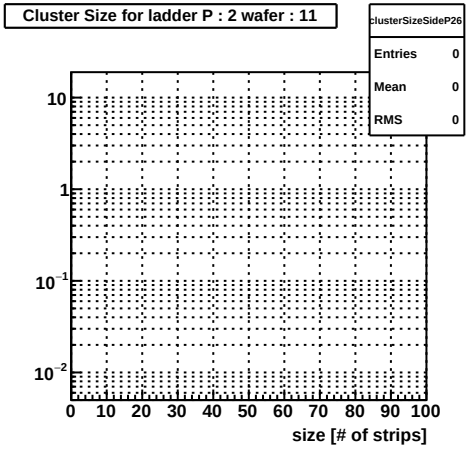

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

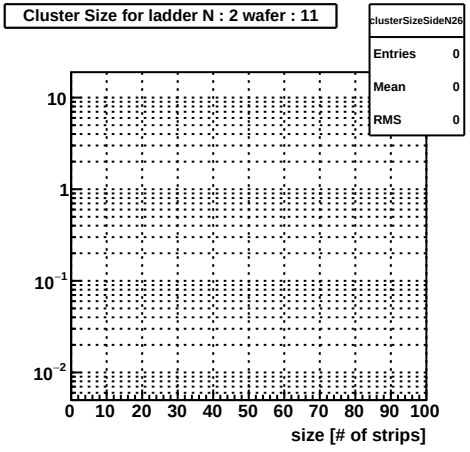

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

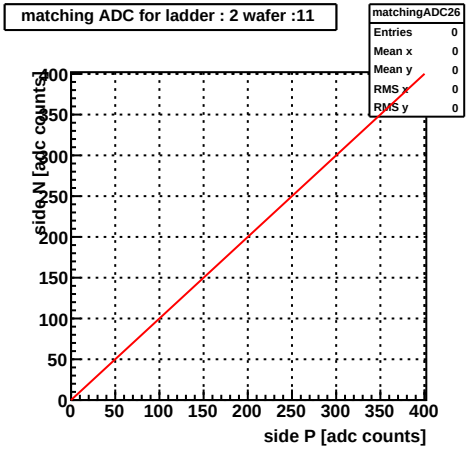

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

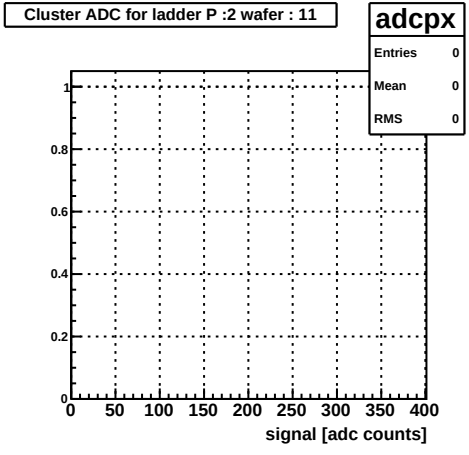

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

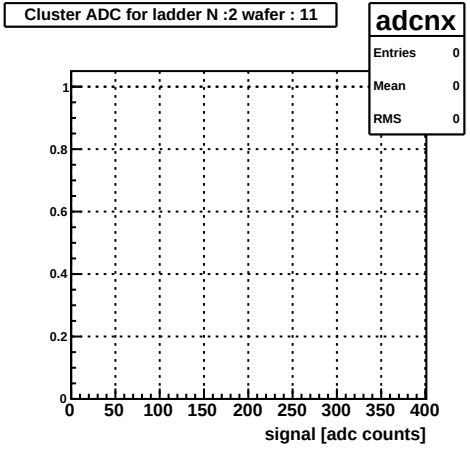

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

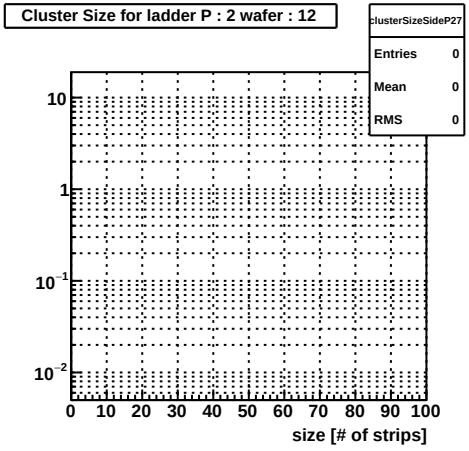

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

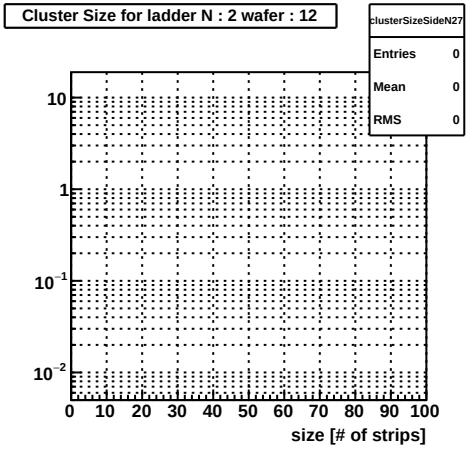

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

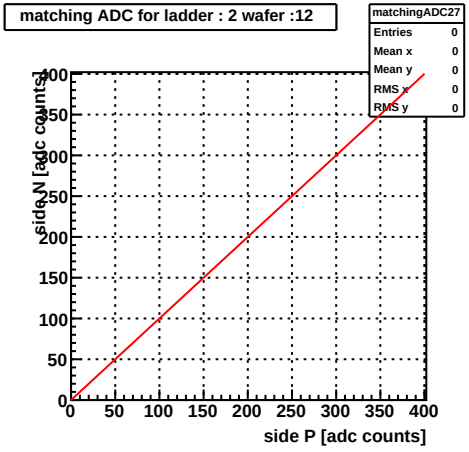

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

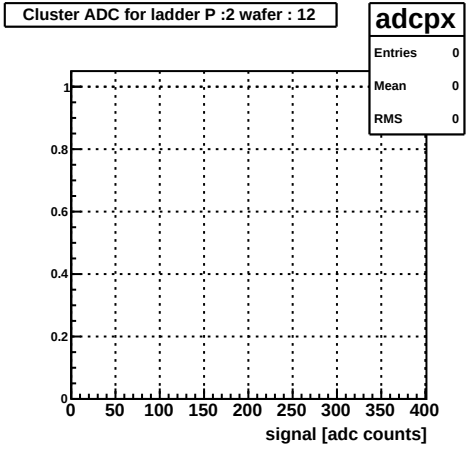

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

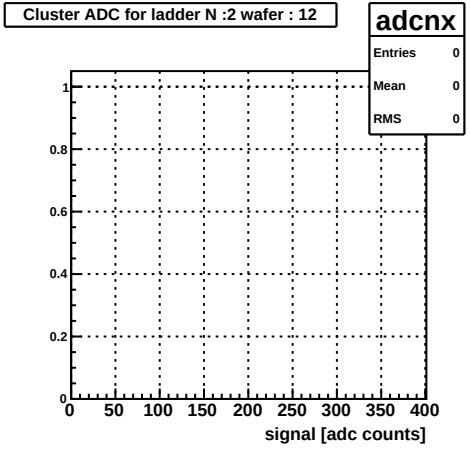

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

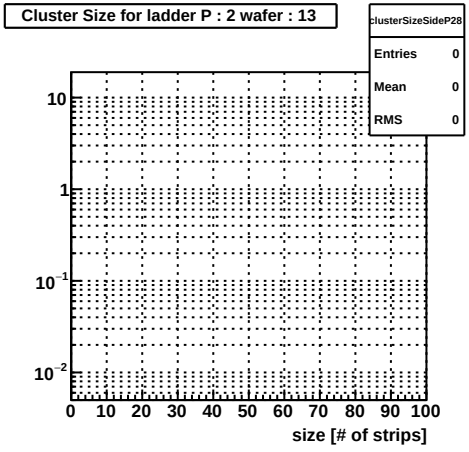

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

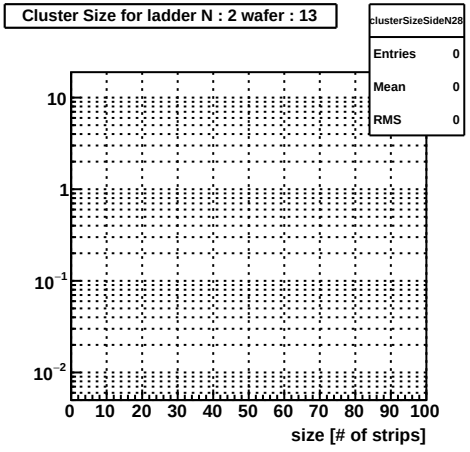

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

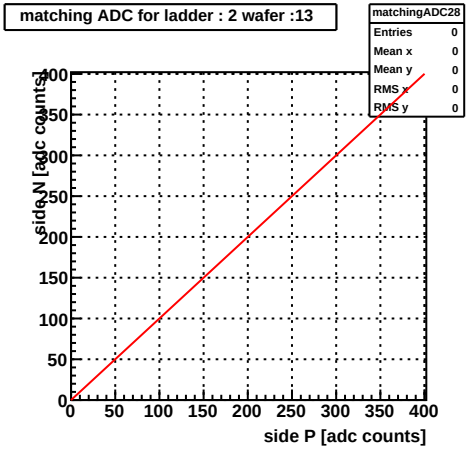

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

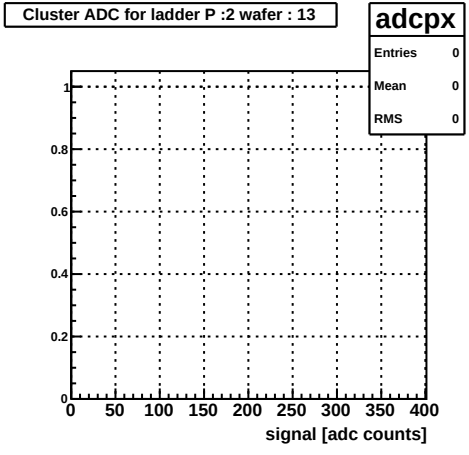

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

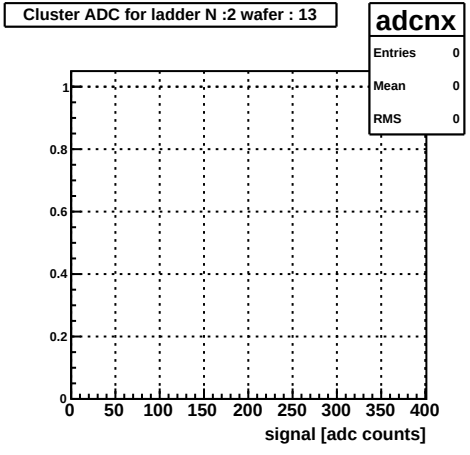

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

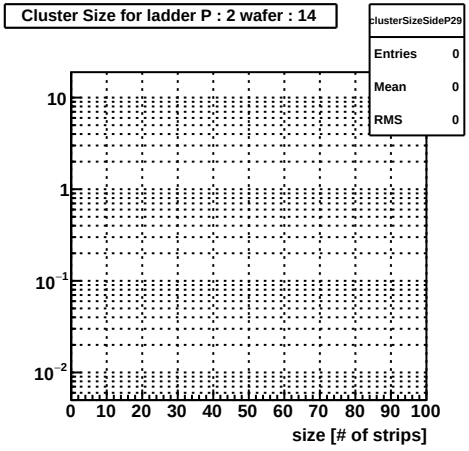

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

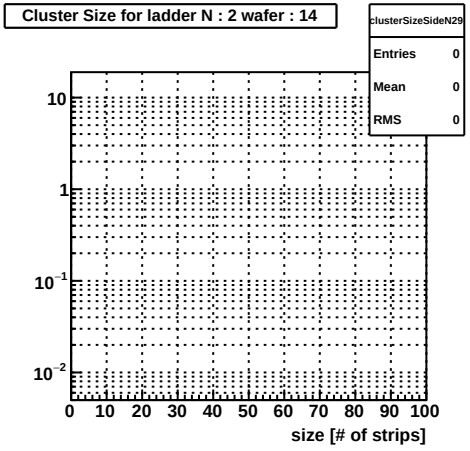

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

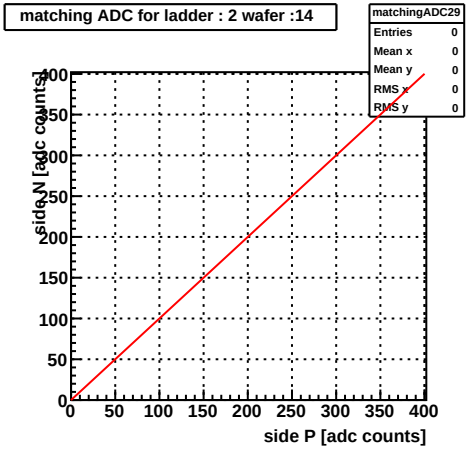

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

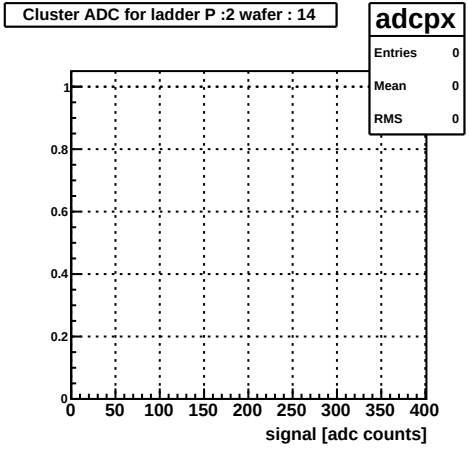

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

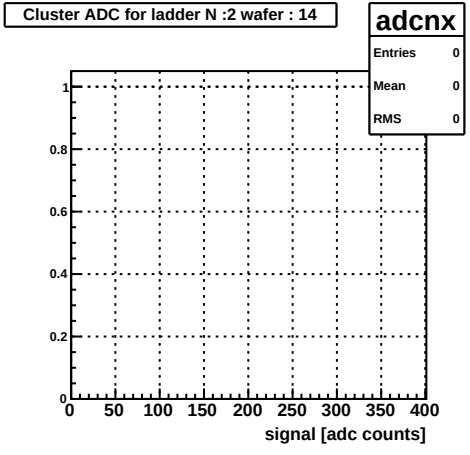

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

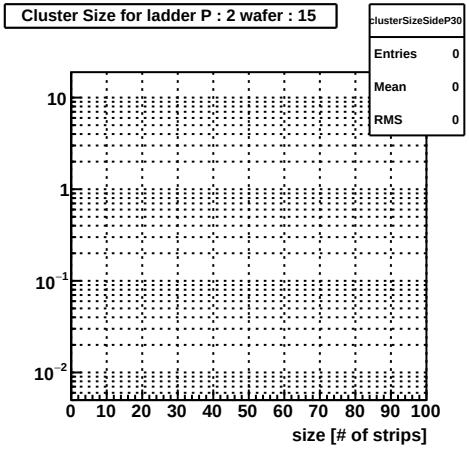

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

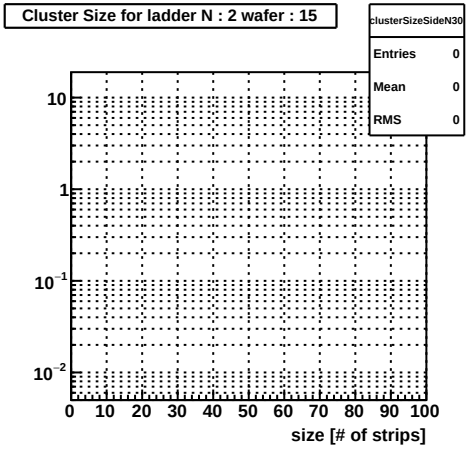

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

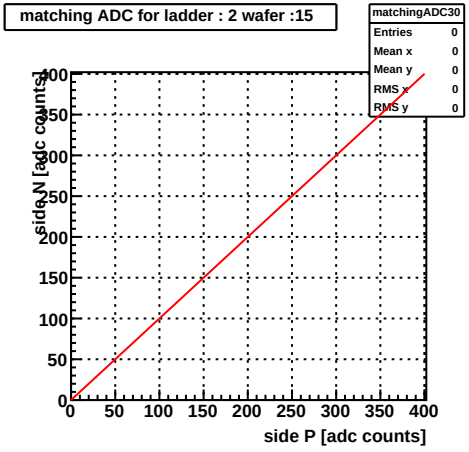

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

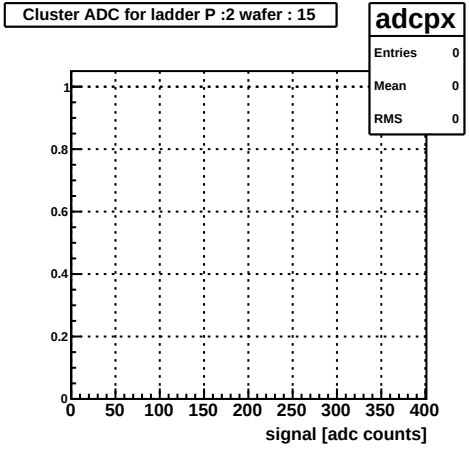

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

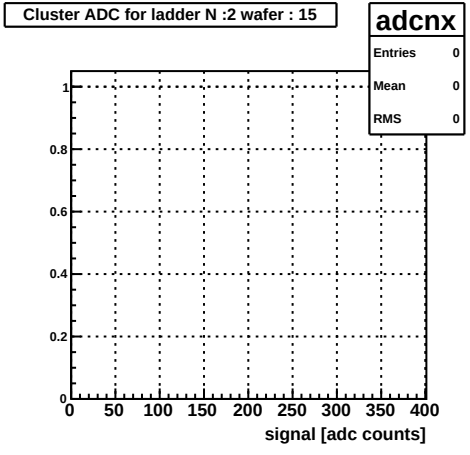

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

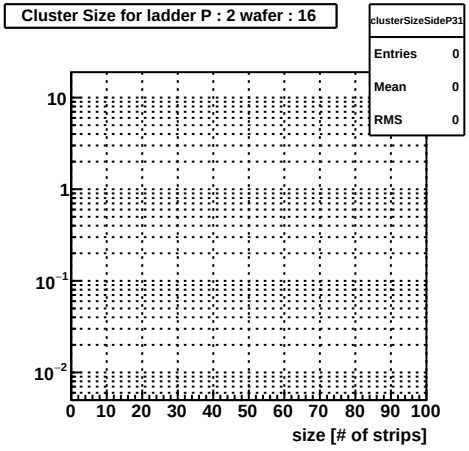

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

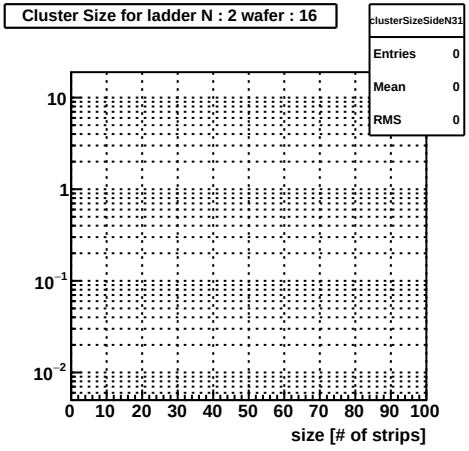

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

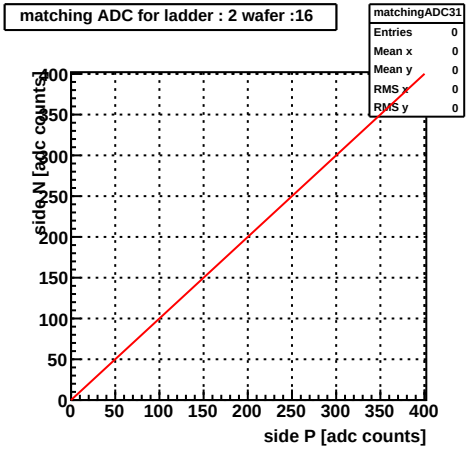

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

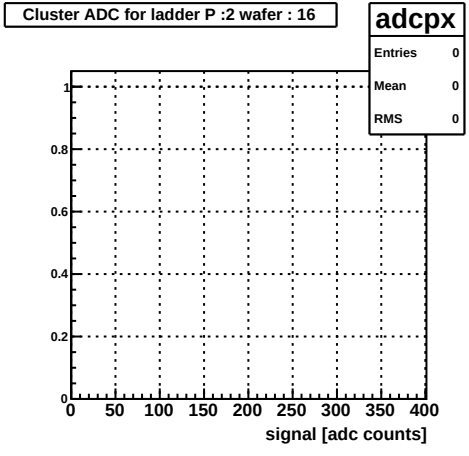

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

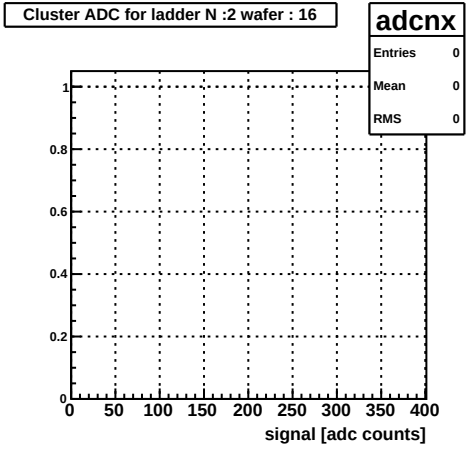

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

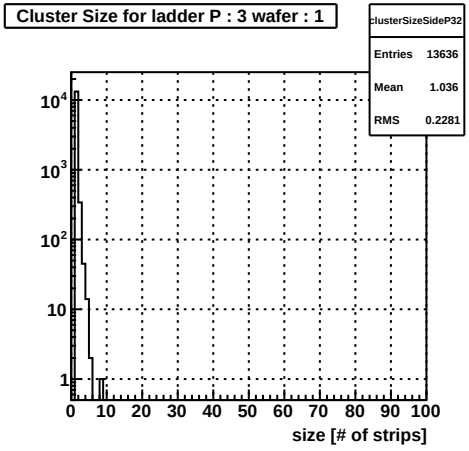

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

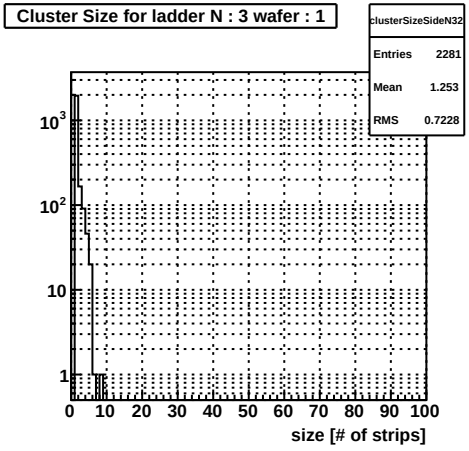

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

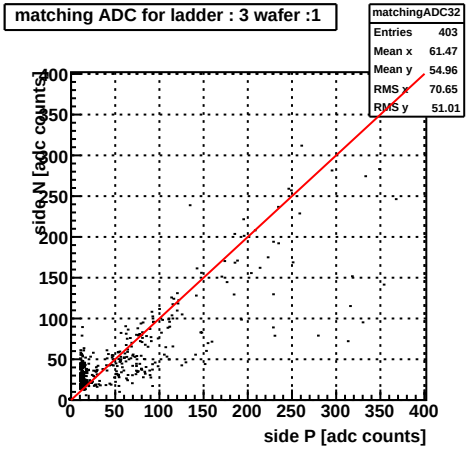

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

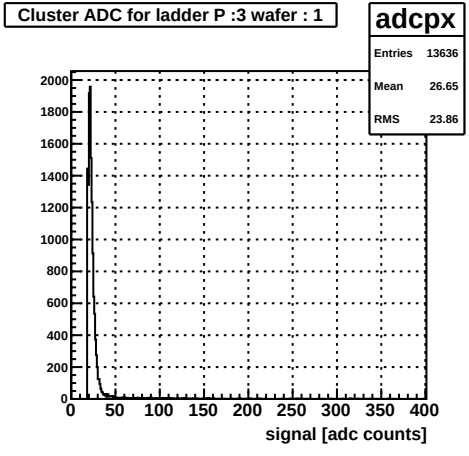

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

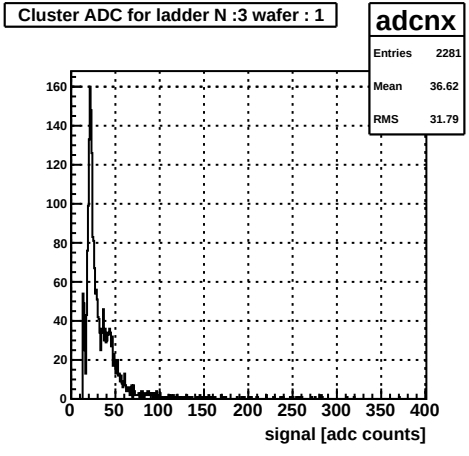

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

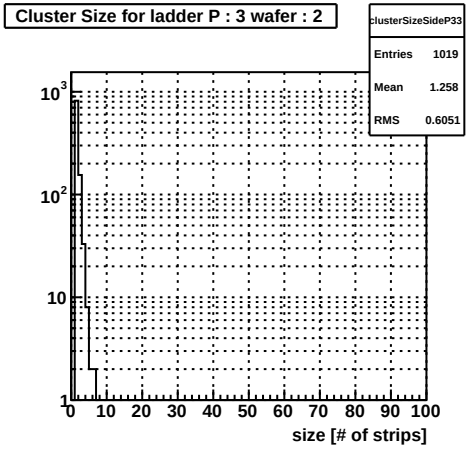

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 13636
Mean 1.036
RMS 0.2281
size [# of strips]

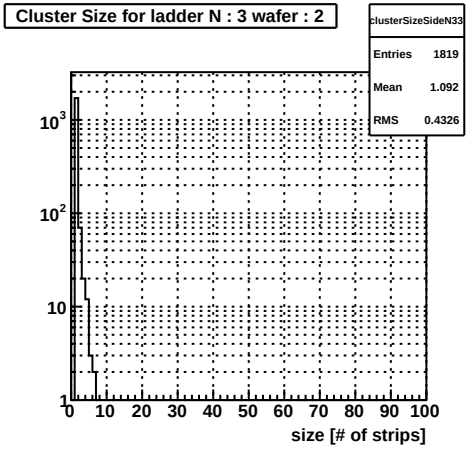

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2281
Mean 1.253
RMS 0.7228
size [# of strips]

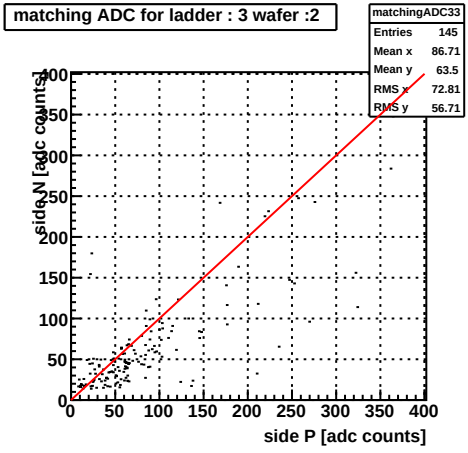

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 403
Mean x 61.47
Mean y 54.96
RMS x 70.65
RMS y 51.01
side N [adc counts]
side P [adc counts]

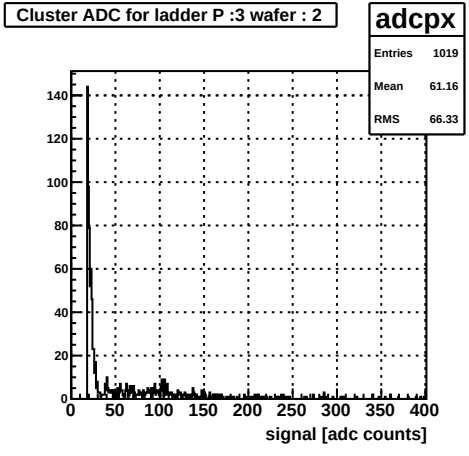

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 13636
Mean 26.65
RMS 23.86
signal [adc counts]

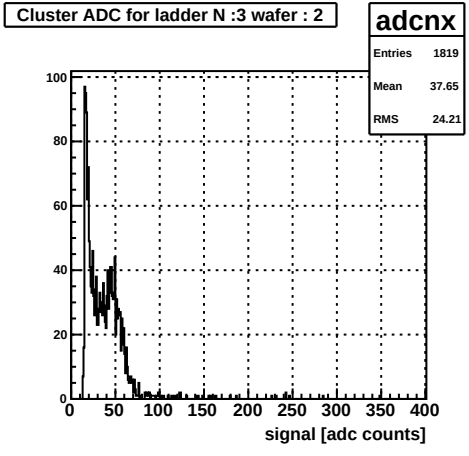

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2281
Mean 36.62
RMS 31.79
signal [adc counts]

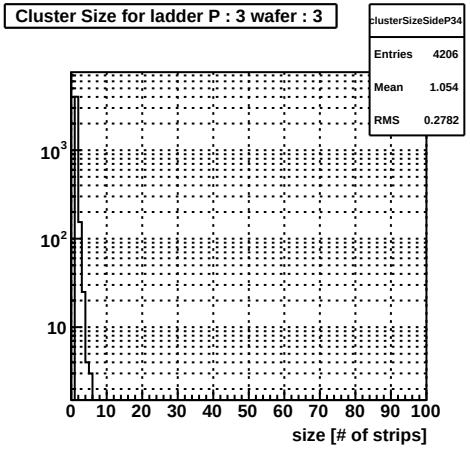

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1019
Mean 1.258
RMS 0.6051
size [# of strips]

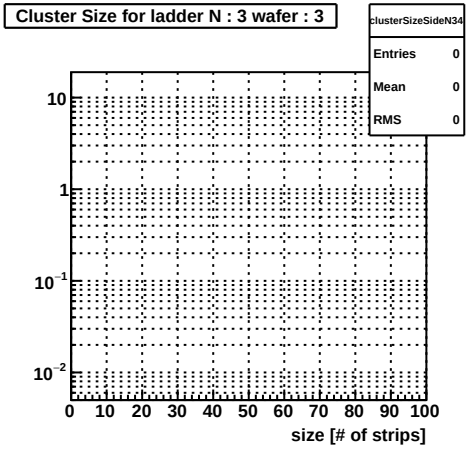

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1819
Mean 1.092
RMS 0.4326
size [# of strips]

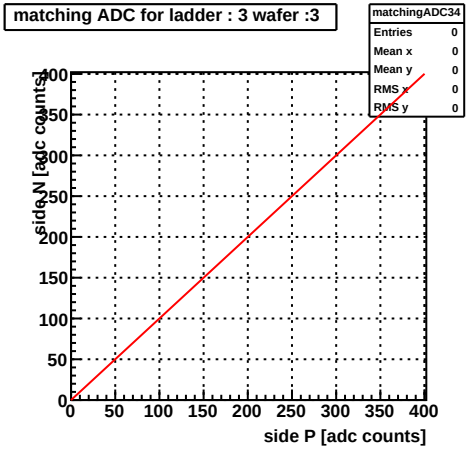

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 145
Mean x 86.71
Mean y 63.5
RMS x 72.81
RMS y 56.71
side N [adc counts]
side P [adc counts]

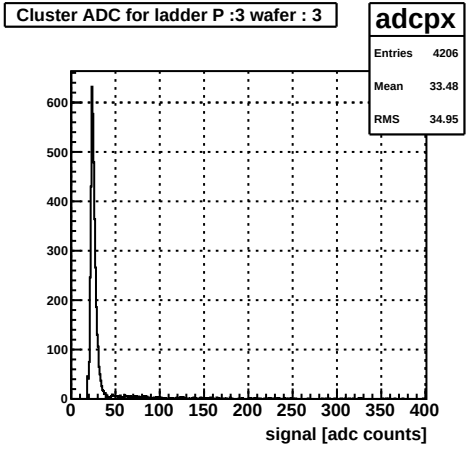

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1019
Mean 61.16
RMS 66.33
signal [adc counts]

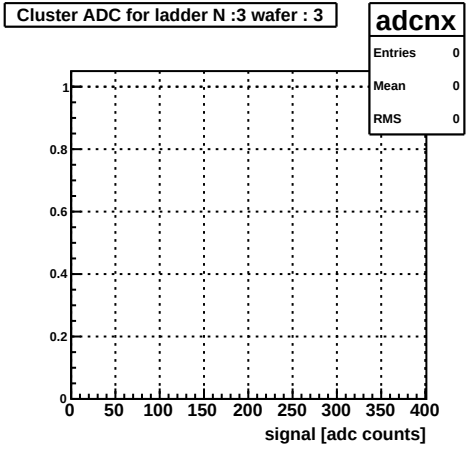

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1819
Mean 37.65
RMS 24.21
signal [adc counts]

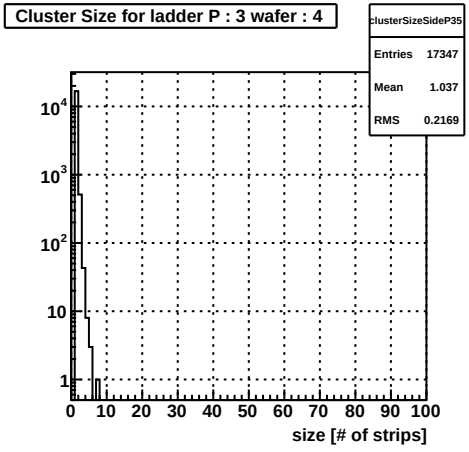

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4206
Mean 1.054
RMS 0.2782
size [# of strips]

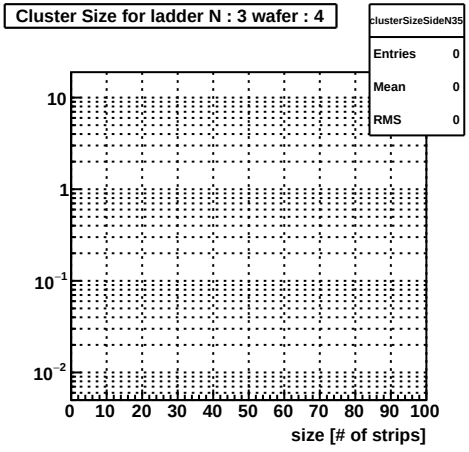

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

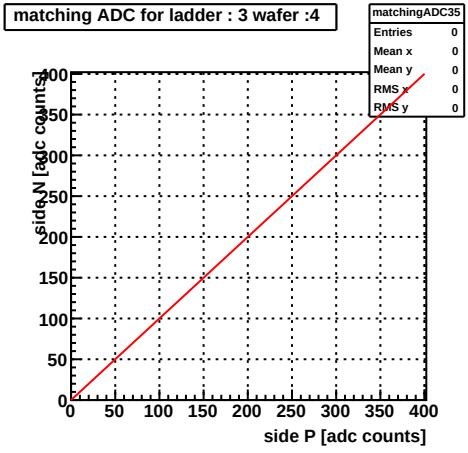

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

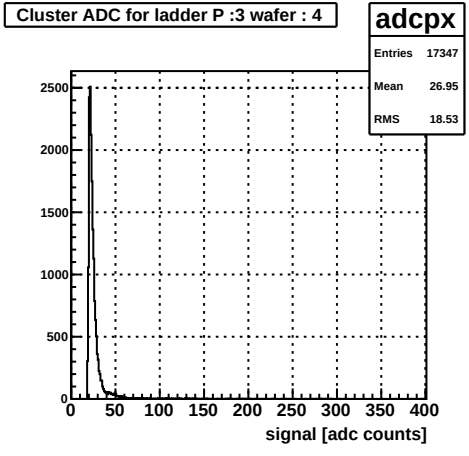

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4206
Mean 33.48
RMS 34.95
signal [adc counts]

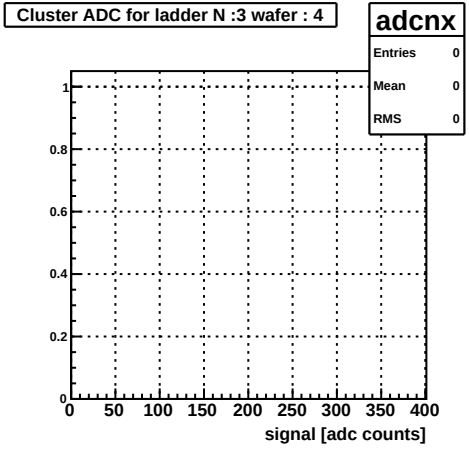

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

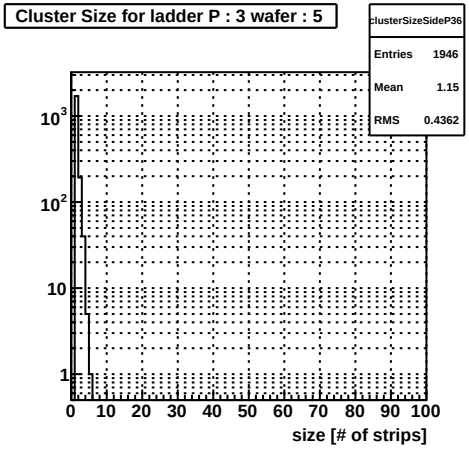

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17347
Mean 1.037
RMS 0.2169
size [# of strips]

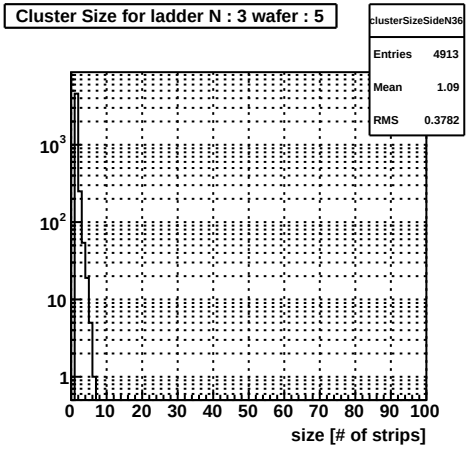

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

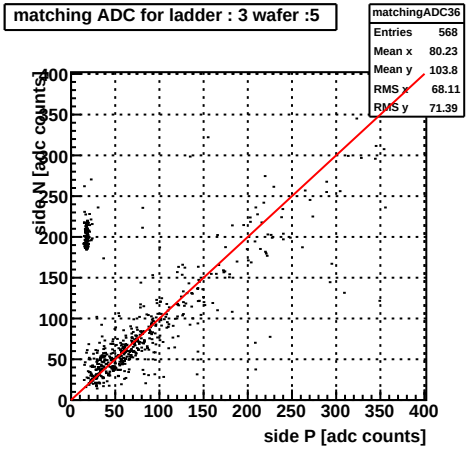

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

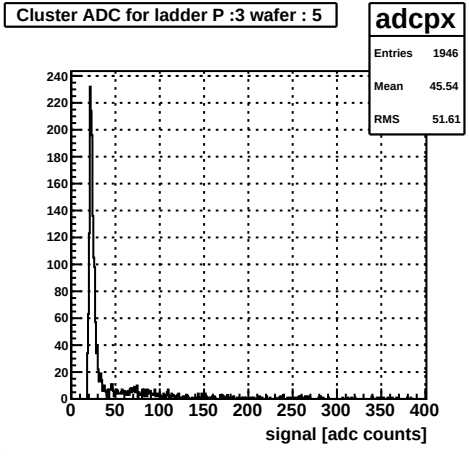

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17347
Mean 26.95
RMS 18.53
signal [adc counts]

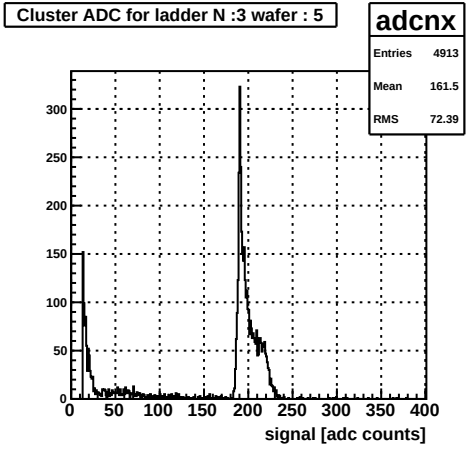

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

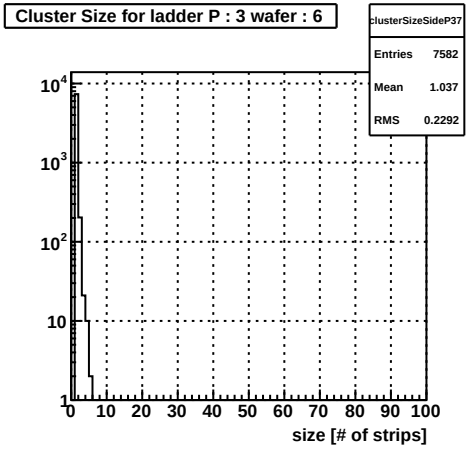

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1946
Mean 1.15
RMS 0.4362
size [# of strips]

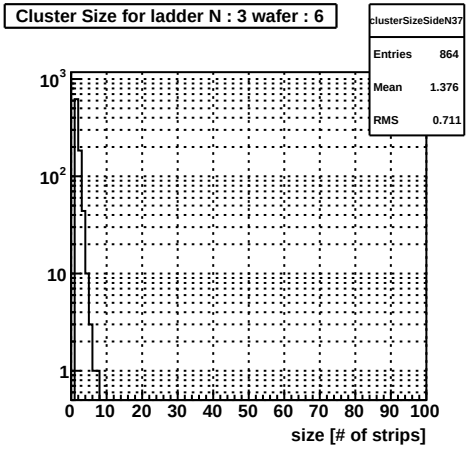

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4913
Mean 1.09
RMS 0.3782
size [# of strips]

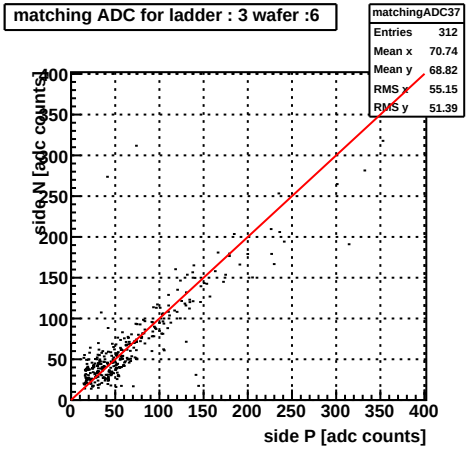

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 568
Mean x 80.23
Mean y 103.8
RMS x 68.11
RMS y 71.39
side N [adc counts]
side P [adc counts]

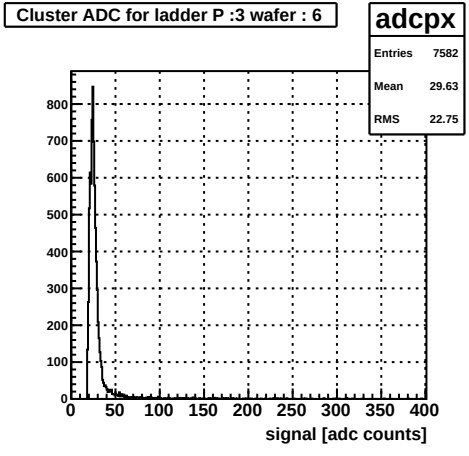

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1946
Mean 45.54
RMS 51.61
signal [adc counts]

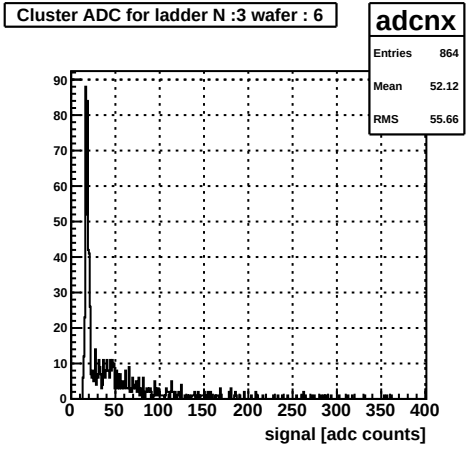

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4913
Mean 161.5
RMS 72.39
signal [adc counts]

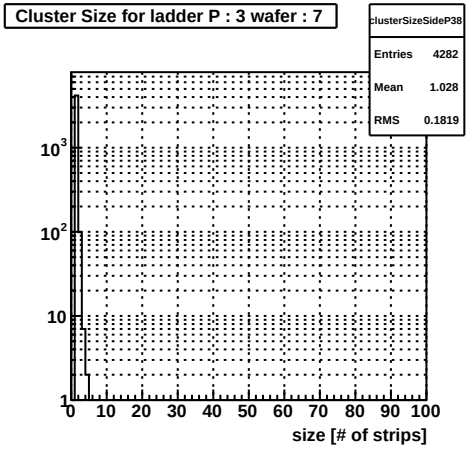

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7582
Mean 1.037
RMS 0.2292
size [# of strips]

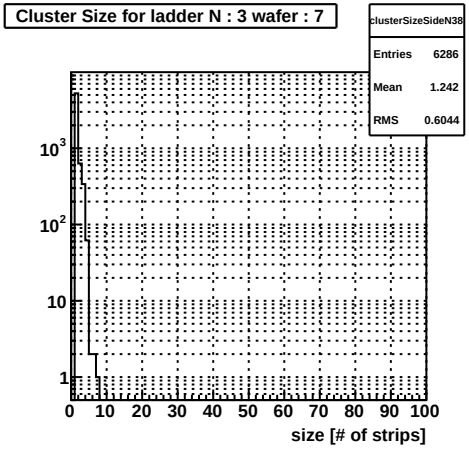

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 864
Mean 1.376
RMS 0.711
size [# of strips]

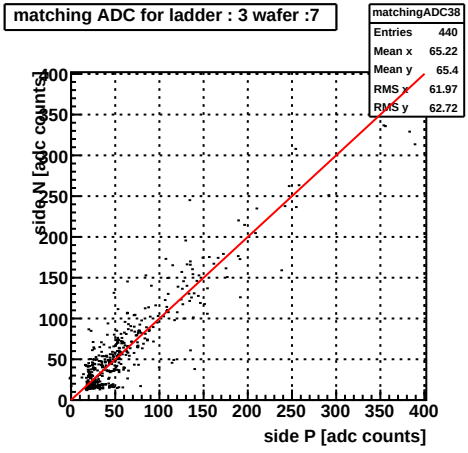

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 312
Mean x 70.74
Mean y 68.82
RMS x 55.15
RMS y 51.39
side N [adc counts]
side P [adc counts]

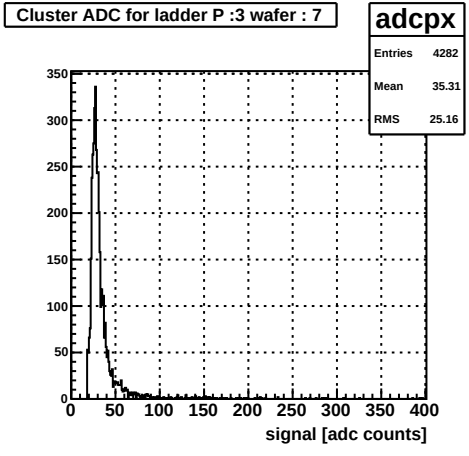

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7582
Mean 29.63
RMS 22.75
signal [adc counts]

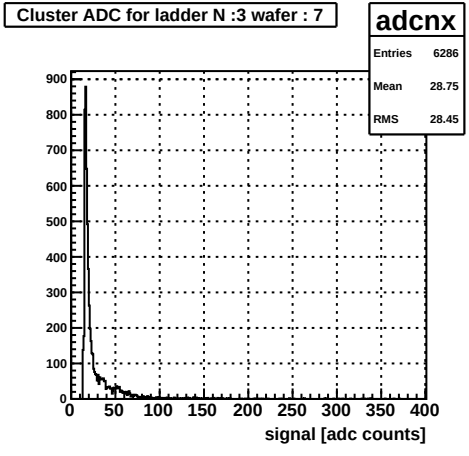

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 864
Mean 52.12
RMS 55.66
signal [adc counts]

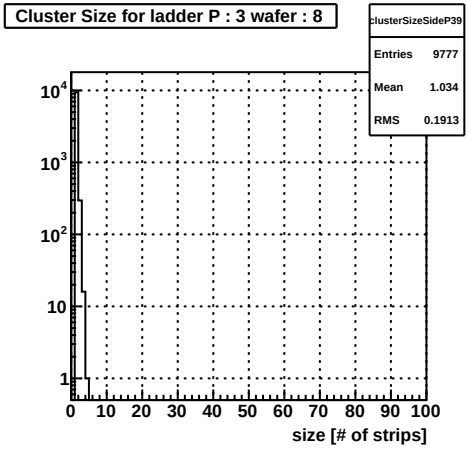

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4282
Mean 1.028
RMS 0.1819
size [# of strips]

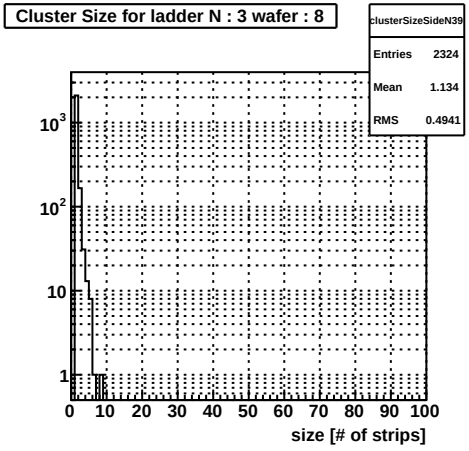

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6286
Mean 1.242
RMS 0.6044
size [# of strips]

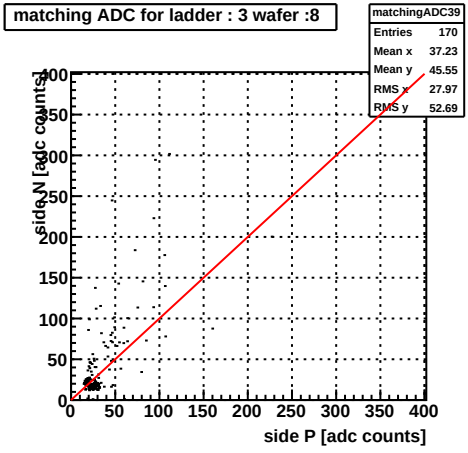

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 440
Mean x 65.22
Mean y 65.4
RMS x 61.97
RMS y 62.72
side N [adc counts]
side P [adc counts]

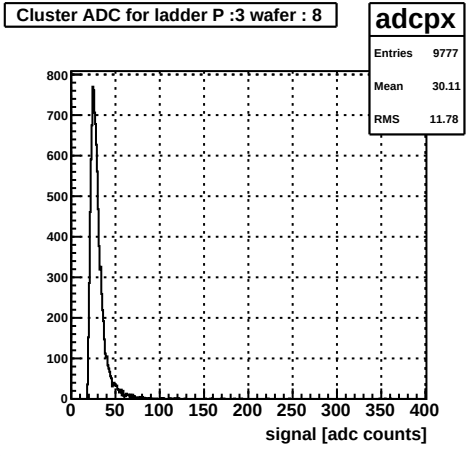

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4282
Mean 35.31
RMS 25.16
signal [adc counts]

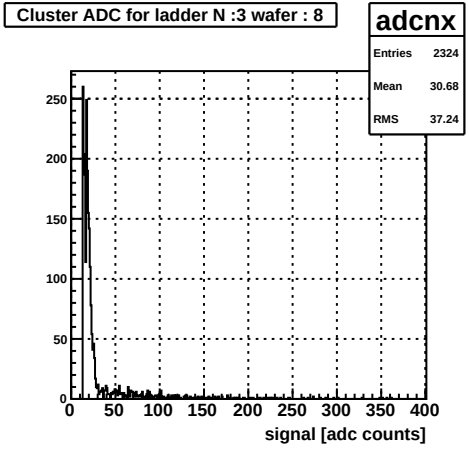

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6286
Mean 28.75
RMS 28.45
signal [adc counts]

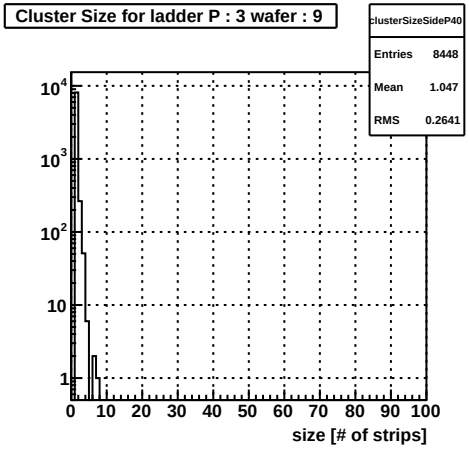

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 9777
Mean 1.034
RMS 0.1913
size [# of strips]

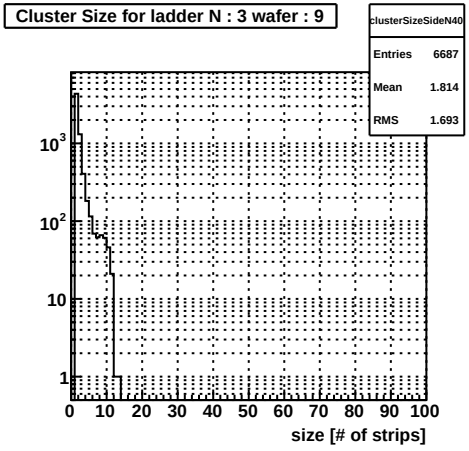

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2324
Mean 1.134
RMS 0.4941
size [# of strips]

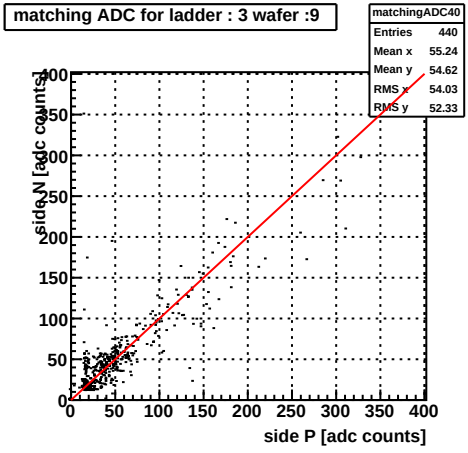

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 170
Mean x 37.23
Mean y 45.55
RMS x 27.97
RMS y 52.69
side N [adc counts]
side P [adc counts]

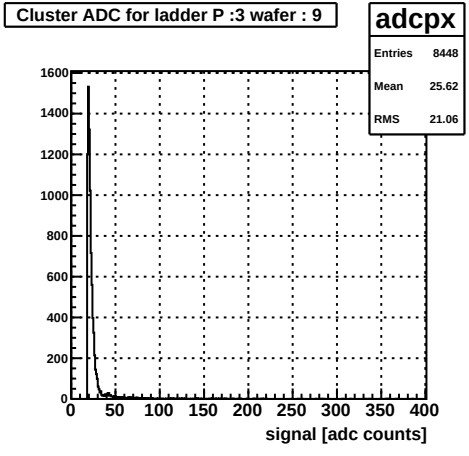

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 9777
Mean 30.11
RMS 11.78
signal [adc counts]

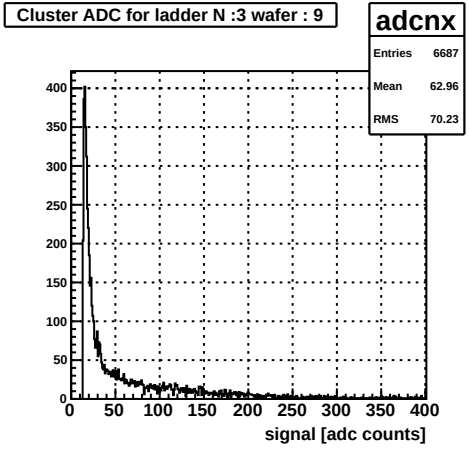

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2324
Mean 30.68
RMS 37.24
signal [adc counts]

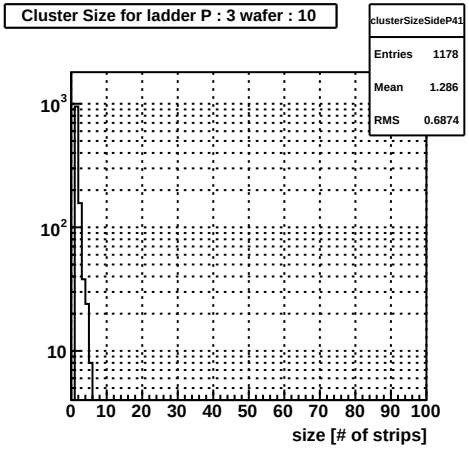

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8448
Mean 1.047
RMS 0.2641
size [# of strips]

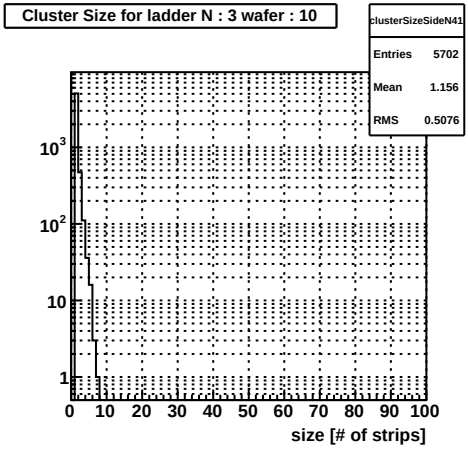

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6687
Mean 1.814
RMS 1.693
size [# of strips]

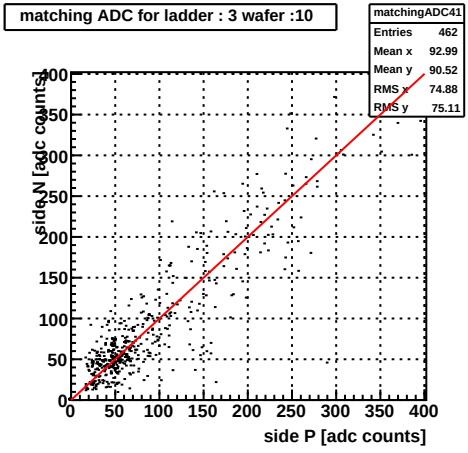

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 440
Mean x 55.24
Mean y 54.62
RMS x 54.03
RMS y 52.33
side N [adc counts]
side P [adc counts]

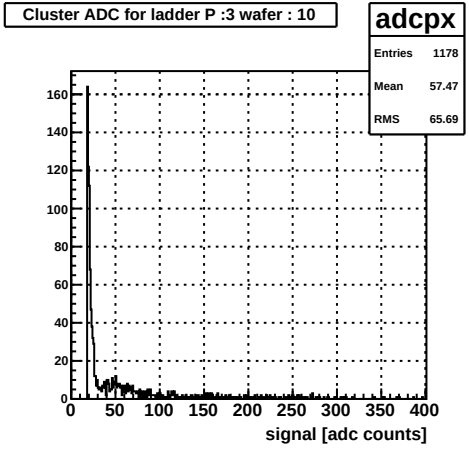

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8448
Mean 25.62
RMS 21.06
signal [adc counts]

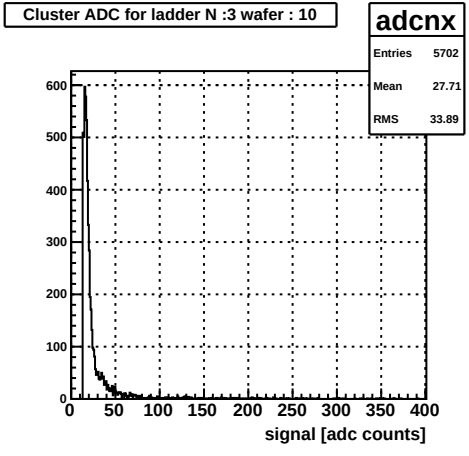

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6687
Mean 62.96
RMS 70.23
signal [adc counts]

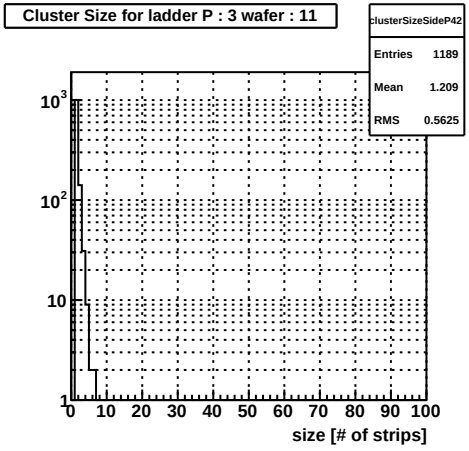

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1178
Mean 1.286
RMS 0.6874
size [# of strips]

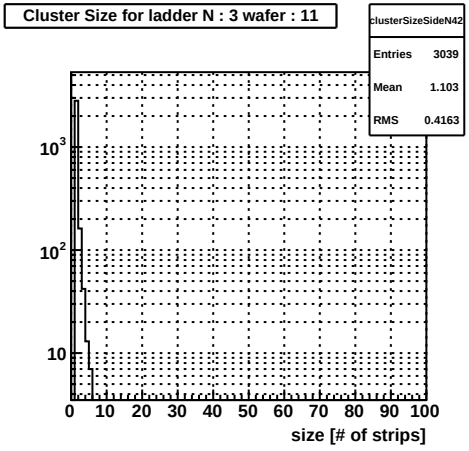

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5702
Mean 1.156
RMS 0.5076
size [# of strips]

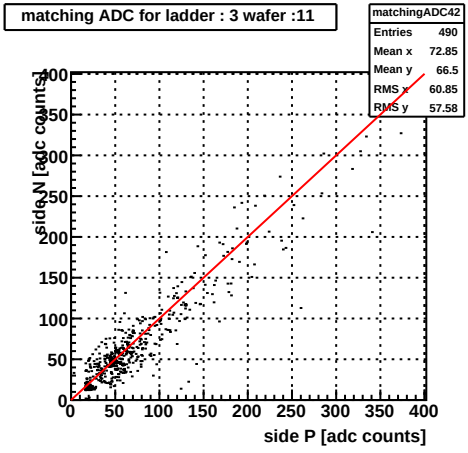

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 462
Mean x 92.99
Mean y 90.52
RMS x 74.88
RMS y 75.11
side N [adc counts]
side P [adc counts]

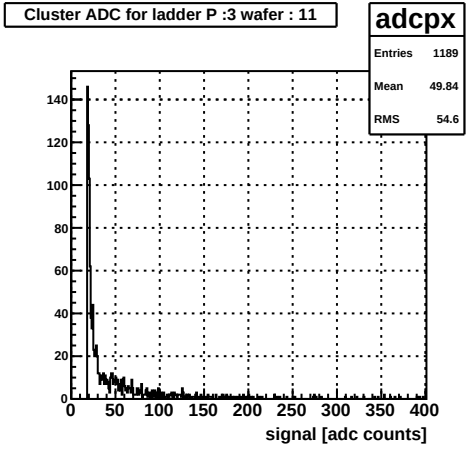

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1178
Mean 57.47
RMS 65.69
signal [adc counts]

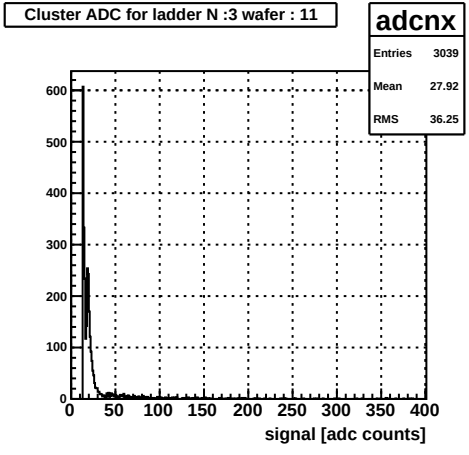

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5702
Mean 27.71
RMS 33.89
signal [adc counts]

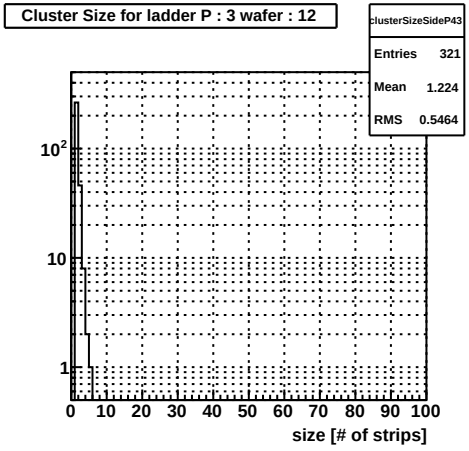

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1189
Mean 1.209
RMS 0.5625
size [# of strips]

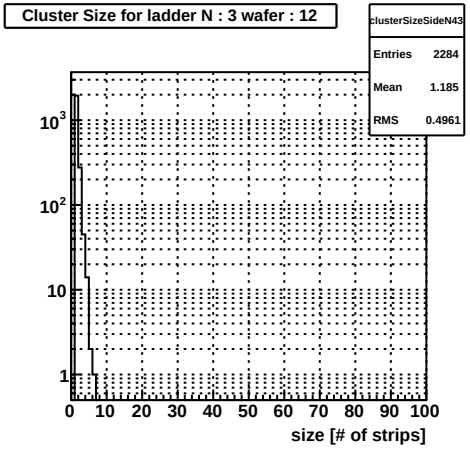

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3039
Mean 1.103
RMS 0.4163
size [# of strips]

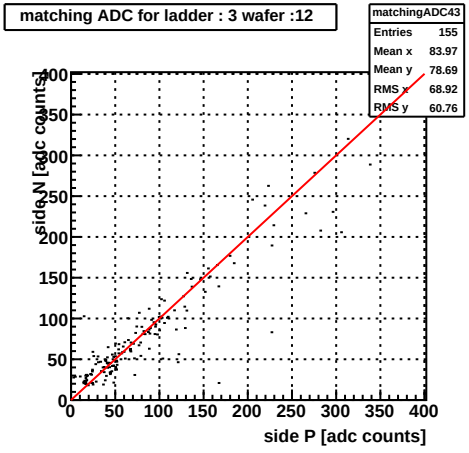

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 490
Mean x 72.85
Mean y 66.5
RMS x 60.85
RMS y 57.58
side N [adc counts]
side P [adc counts]

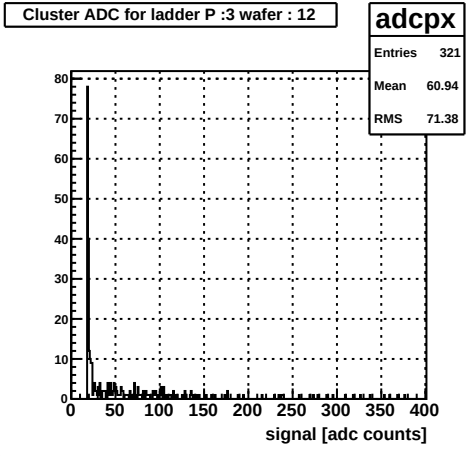

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1189
Mean 49.84
RMS 54.6
signal [adc counts]

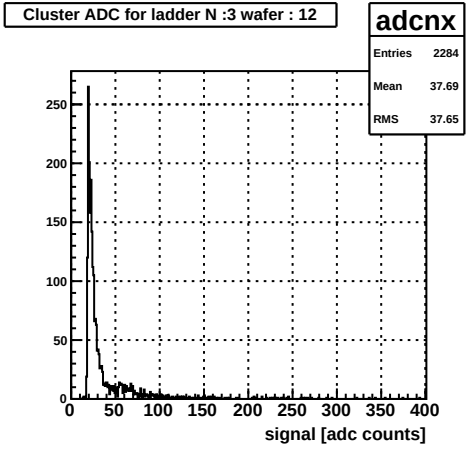

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3039
Mean 27.92
RMS 36.25
signal [adc counts]

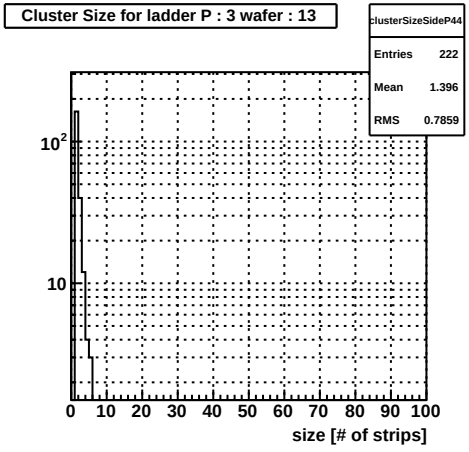

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 321
Mean 1.224
RMS 0.5464
size [# of strips]

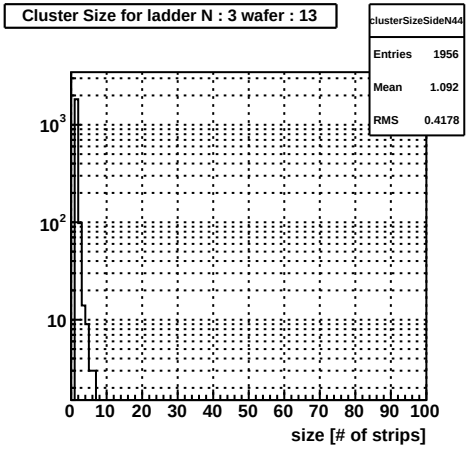

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2284
Mean 1.185
RMS 0.4961
size [# of strips]

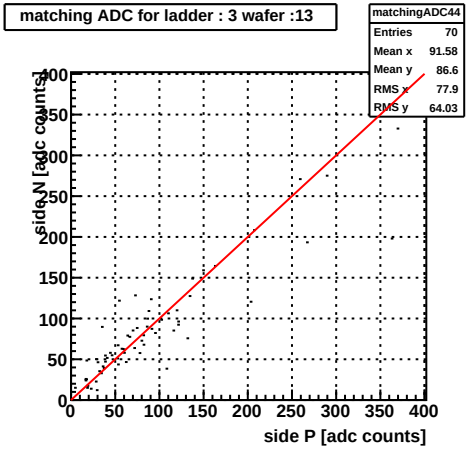

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 155
Mean x 83.97
Mean y 78.69
RMS x 68.92
RMS y 60.76
side N [adc counts]
side P [adc counts]

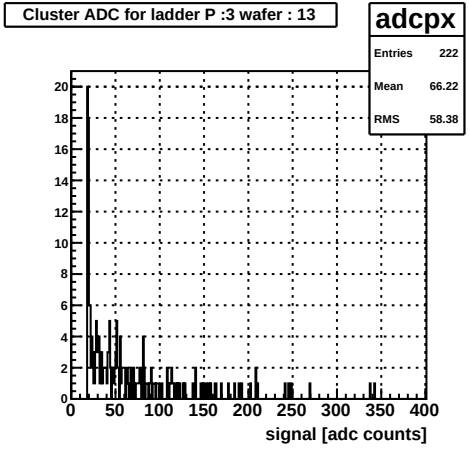

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 321
Mean 60.94
RMS 71.38
signal [adc counts]

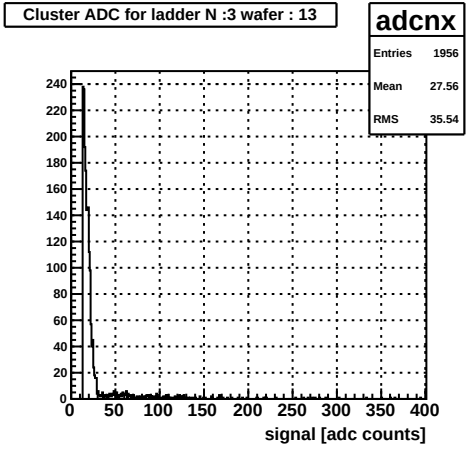

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2284
Mean 37.69
RMS 37.65
signal [adc counts]

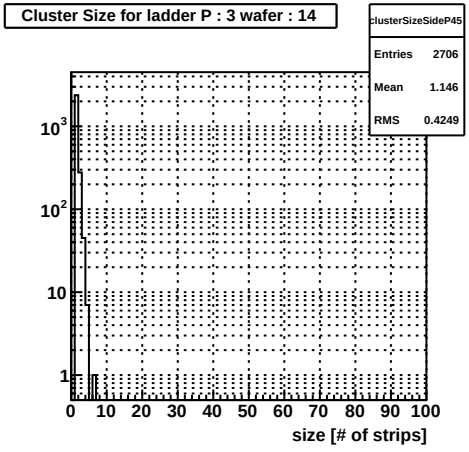

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 222
Mean 1.396
RMS 0.7859
size [# of strips]

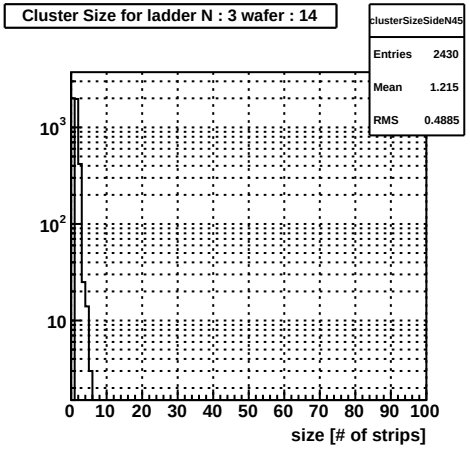

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1956
Mean 1.092
RMS 0.4178
size [# of strips]

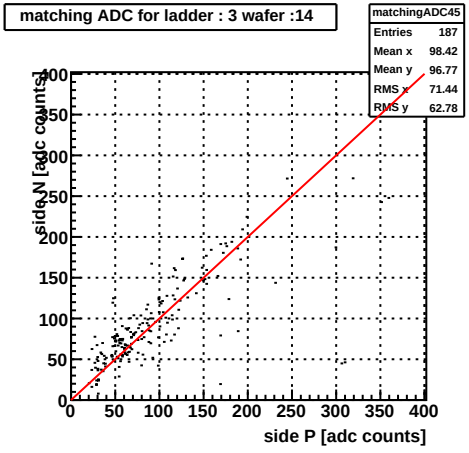

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 70
Mean x 91.58
Mean y 86.6
RMS x 77.9
RMS y 64.03
side N [adc counts]
side P [adc counts]

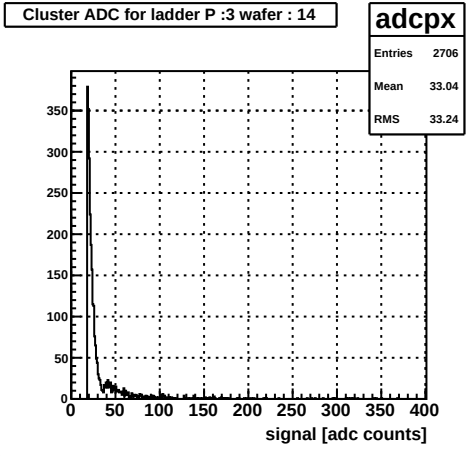

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 222
Mean 66.22
RMS 58.38
signal [adc counts]

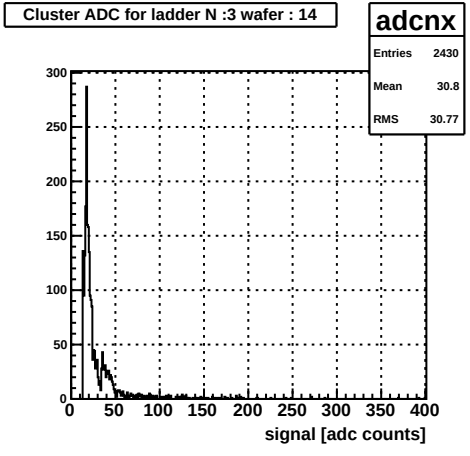

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1956
Mean 27.56
RMS 35.54
signal [adc counts]

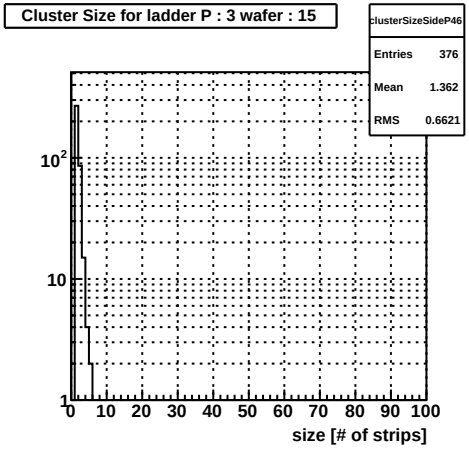

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2706
Mean 1.146
RMS 0.4249
size [# of strips]

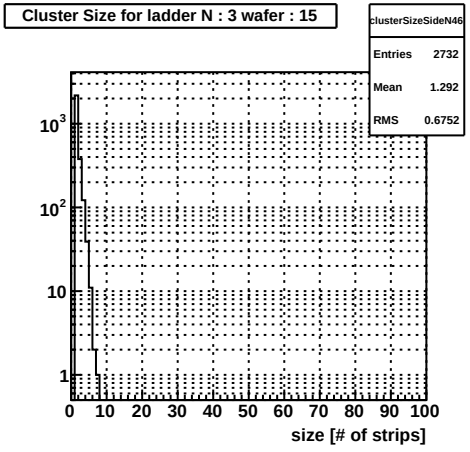

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2430
Mean 1.215
RMS 0.4885
size [# of strips]

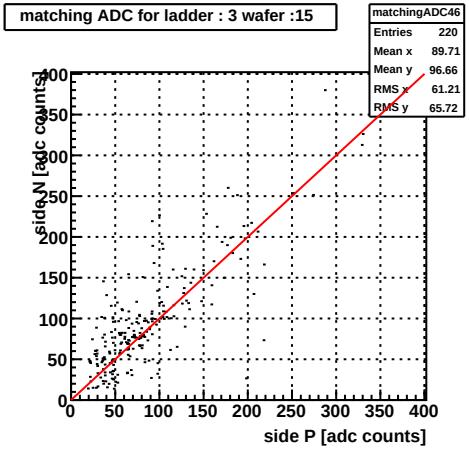

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 187
Mean x 98.42
Mean y 96.77
RMS x 71.44
RMS y 62.78
side N [adc counts]
side P [adc counts]

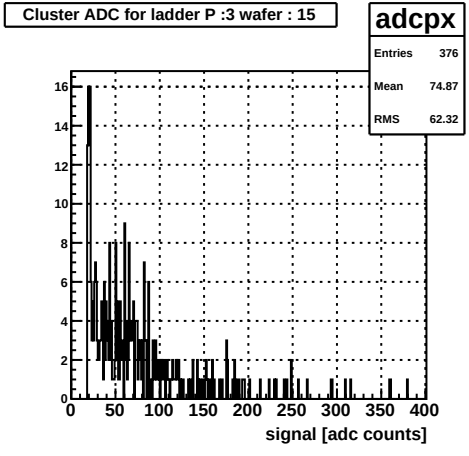

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2706
Mean 33.04
RMS 33.24
signal [adc counts]

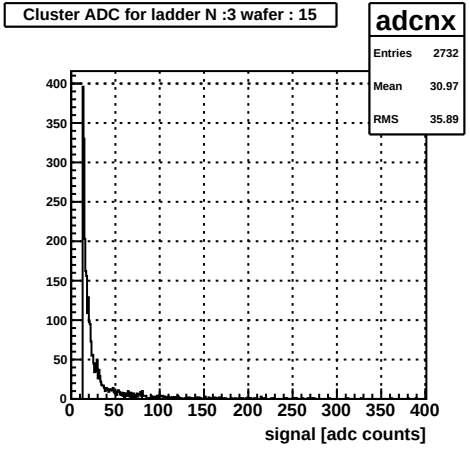

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2430
Mean 30.8
RMS 30.77
signal [adc counts]

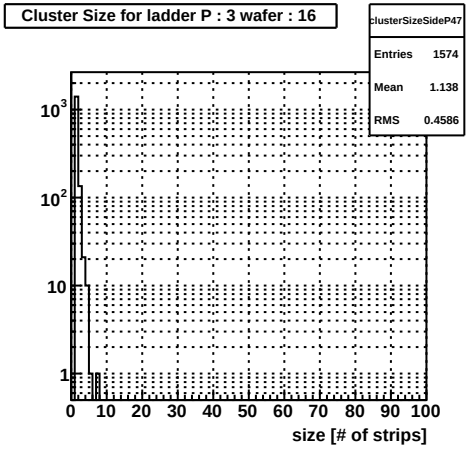

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 376
Mean 1.362
RMS 0.6621
size [# of strips]

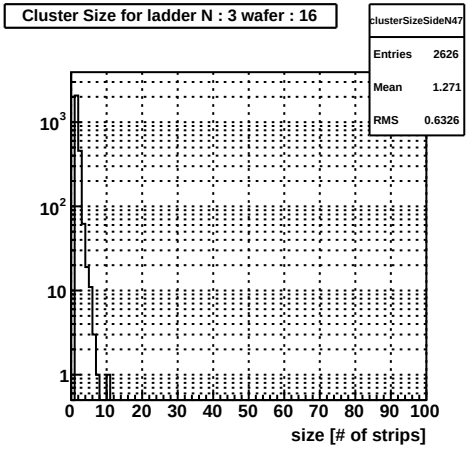

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2732
Mean 1.292
RMS 0.6752
size [# of strips]

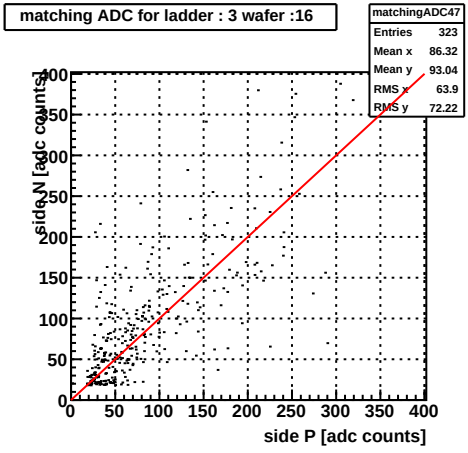

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 220
Mean x 89.71
Mean y 96.66
RMS x 61.21
RMS y 65.72
side N [adc counts]
side P [adc counts]

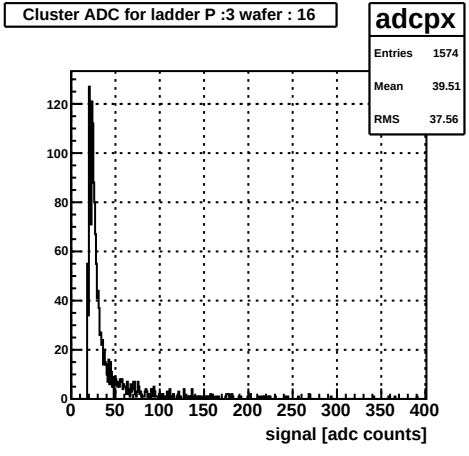

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 376
Mean 74.87
RMS 62.32
signal [adc counts]

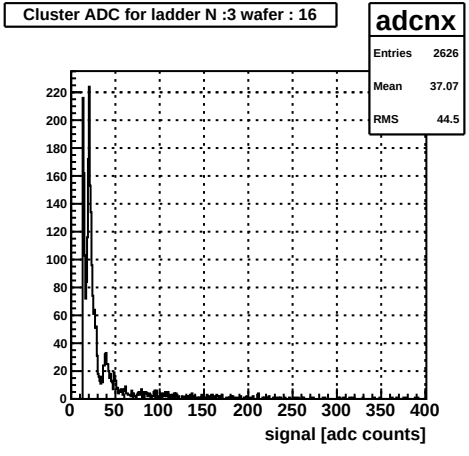

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2732
Mean 30.97
RMS 35.89
signal [adc counts]

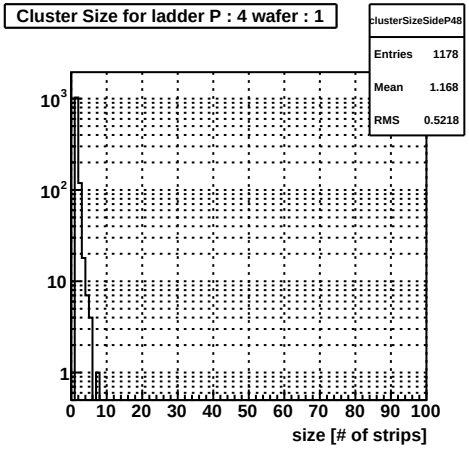

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1574
Mean 1.138
RMS 0.4586
size [# of strips]

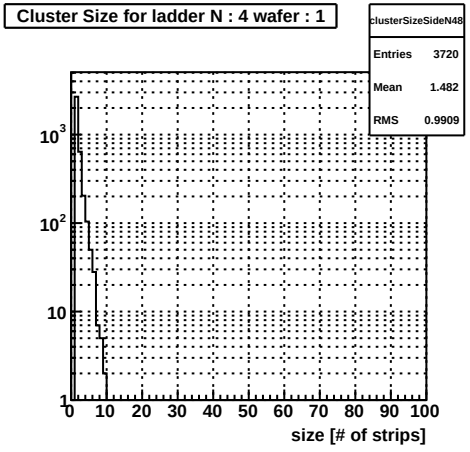

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2626
Mean 1.271
RMS 0.6326
size [# of strips]

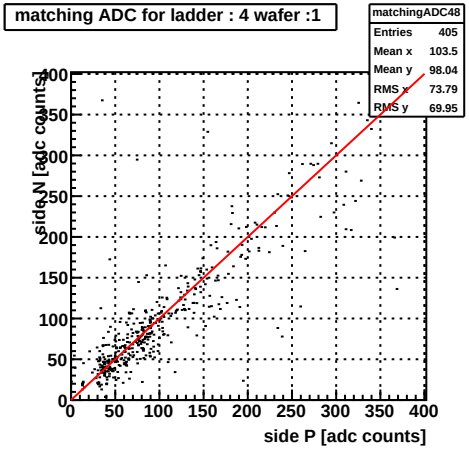

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 323
Mean x 86.32
Mean y 93.04
RMS x 63.9
RMS y 72.22
side N [adc counts]
side P [adc counts]

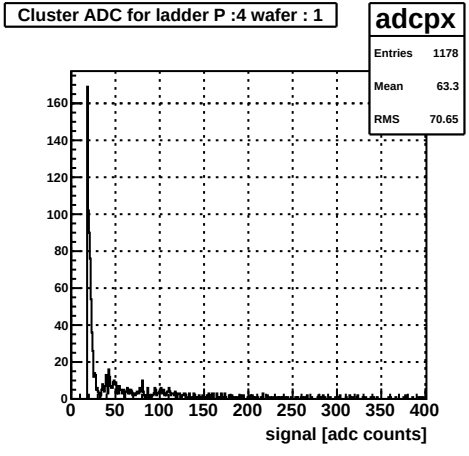

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1574
Mean 39.51
RMS 37.56
signal [adc counts]

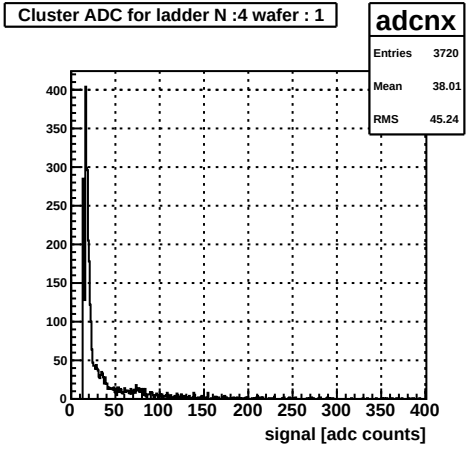

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2626
Mean 37.07
RMS 44.5
signal [adc counts]

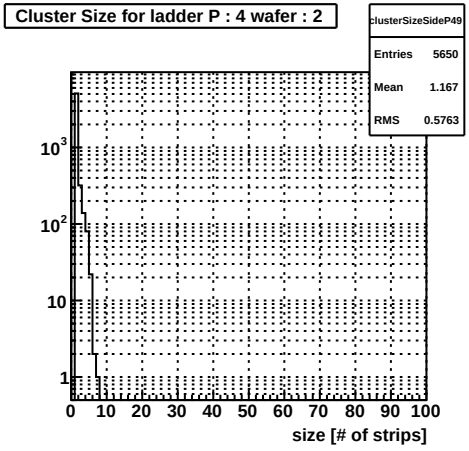

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1178
Mean 1.168
RMS 0.5218
size [# of strips]

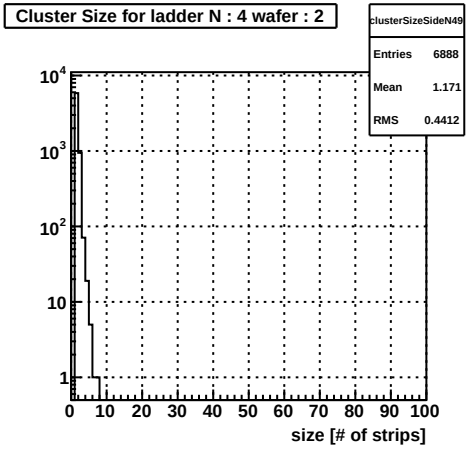

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3720
Mean 1.482
RMS 0.9909
size [# of strips]

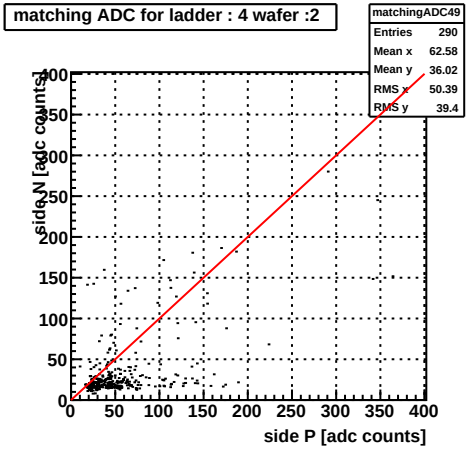

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 405
Mean x 103.5
Mean y 98.04
RMS x 73.79
RMS y 69.95
side N [adc counts]
side P [adc counts]

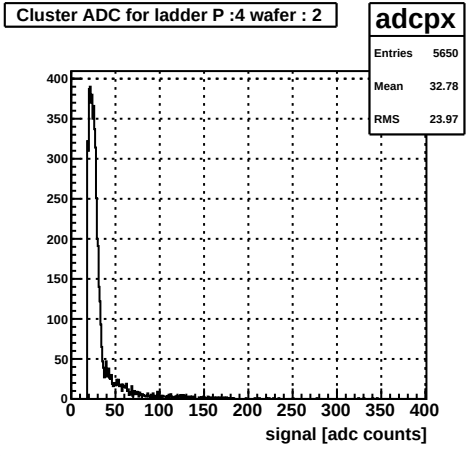

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1178
Mean 63.3
RMS 70.65
signal [adc counts]

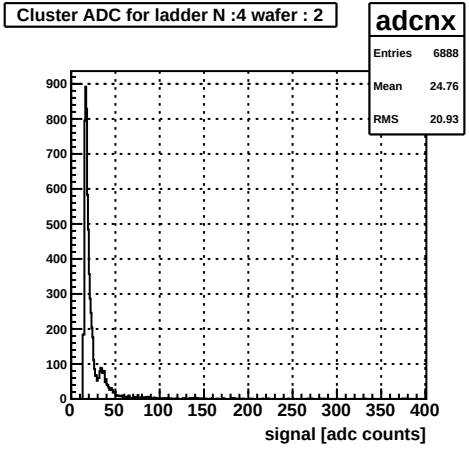

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3720
Mean 38.01
RMS 45.24
signal [adc counts]

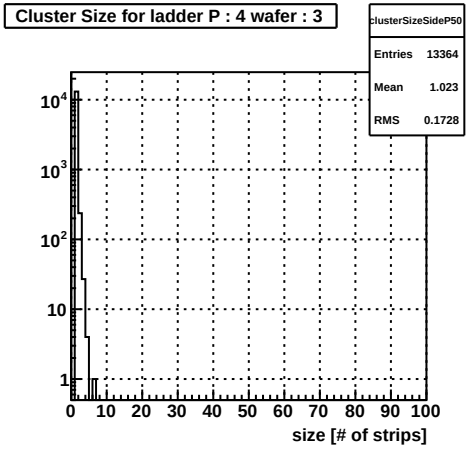

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5650
Mean 1.167
RMS 0.5763
size [# of strips]

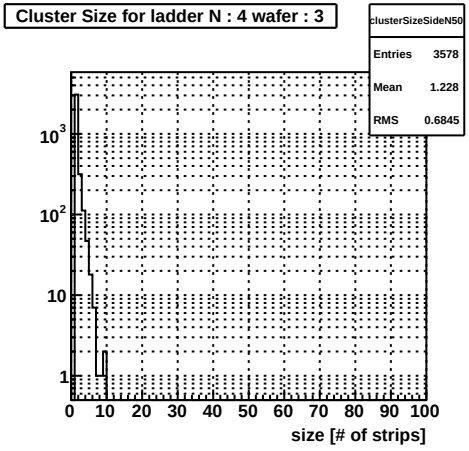

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6888
Mean 1.171
RMS 0.4412
size [# of strips]

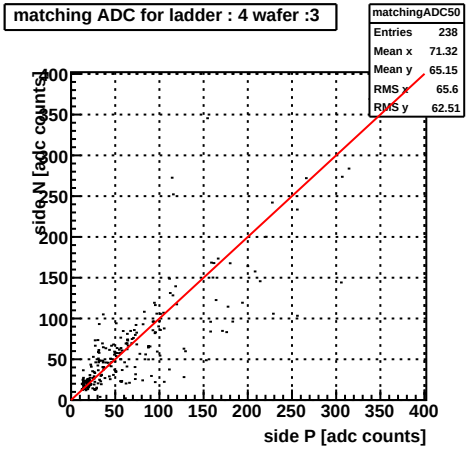

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 290
Mean x 62.58
Mean y 36.02
RMS x 50.39
RMS y 39.4
side N [adc counts]
side P [adc counts]

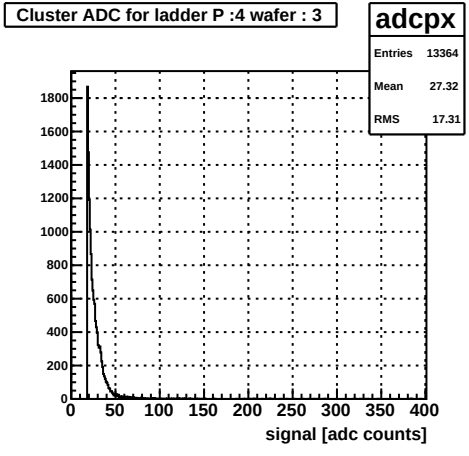

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5650
Mean 32.78
RMS 23.97
signal [adc counts]

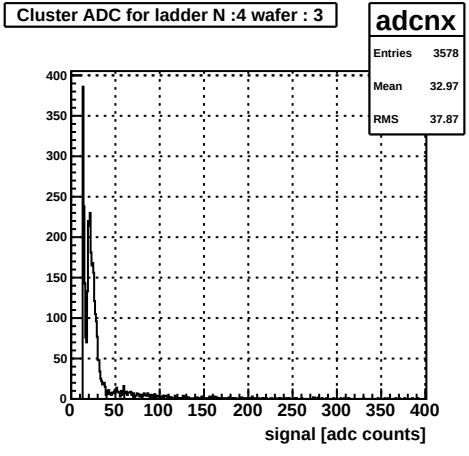

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6888
Mean 24.76
RMS 20.93
signal [adc counts]

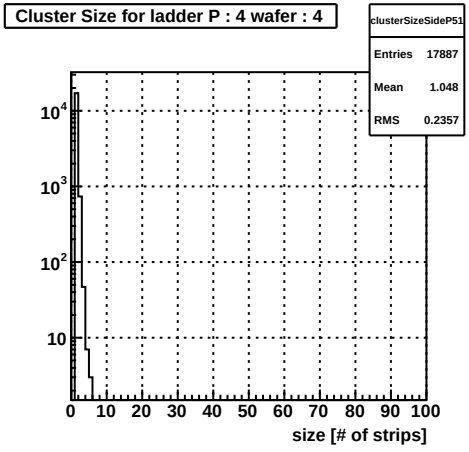

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13364
Mean 1.023
RMS 0.1728
size [# of strips]

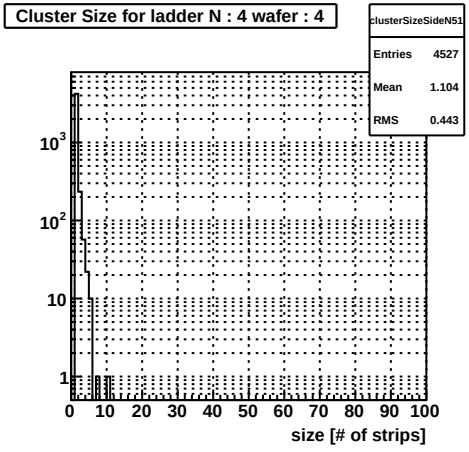

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3578
Mean 1.228
RMS 0.6845
size [# of strips]

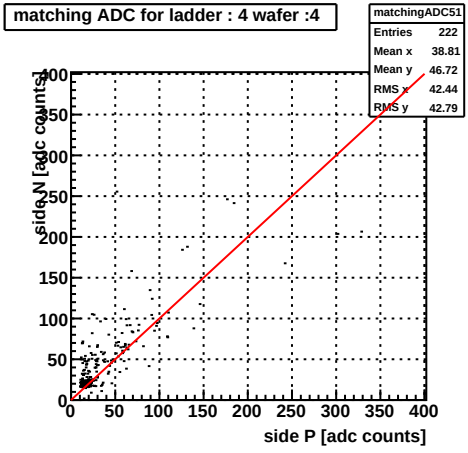

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 238
Mean x 71.32
Mean y 65.15
RMS x 65.6
RMS y 62.51
side N [adc counts]
side P [adc counts]

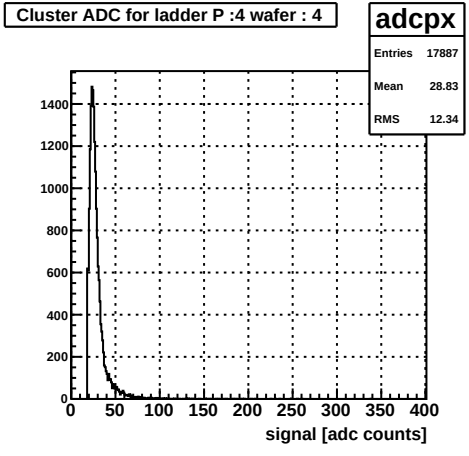

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13364
Mean 27.32
RMS 17.31
signal [adc counts]

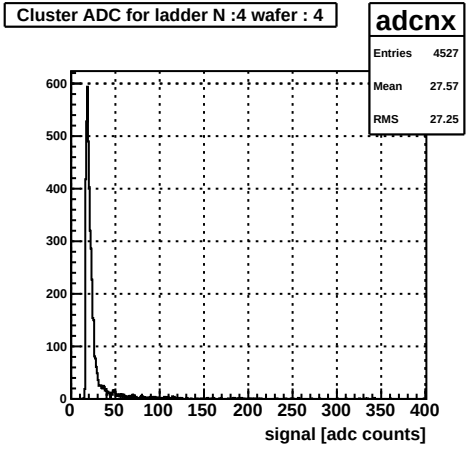

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3578
Mean 32.97
RMS 37.87
signal [adc counts]

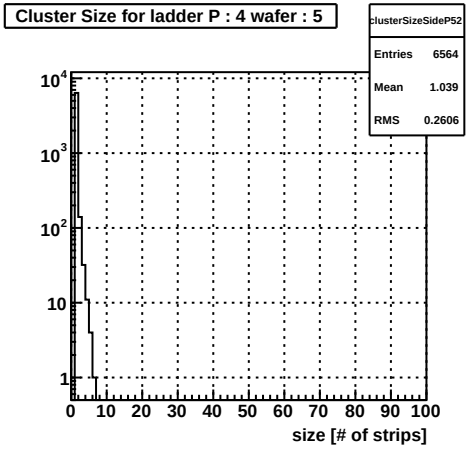

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 17887
Mean 1.048
RMS 0.2357
size [# of strips]

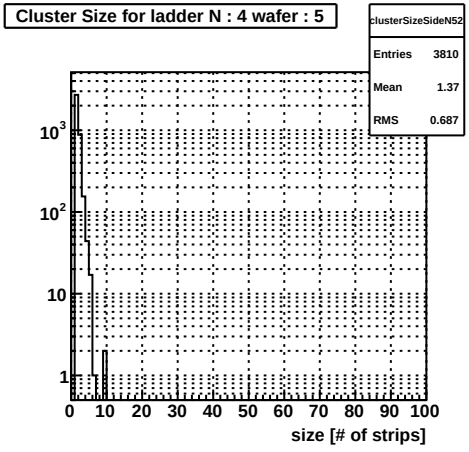

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4527
Mean 1.104
RMS 0.443
size [# of strips]

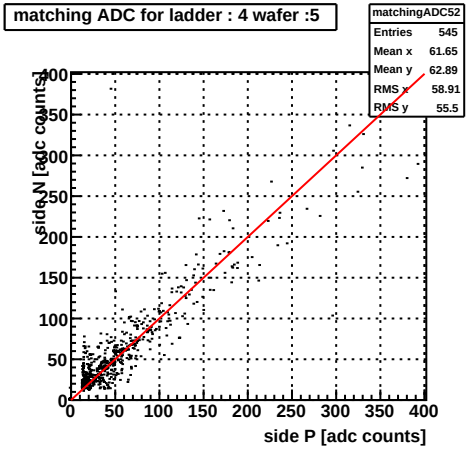

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 222
Mean x 38.81
Mean y 46.72
RMS x 42.44
RMS y 42.79
side N [adc counts]
side P [adc counts]

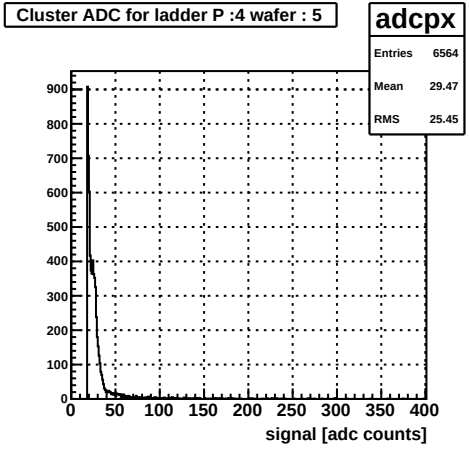

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 17887
Mean 28.83
RMS 12.34
signal [adc counts]

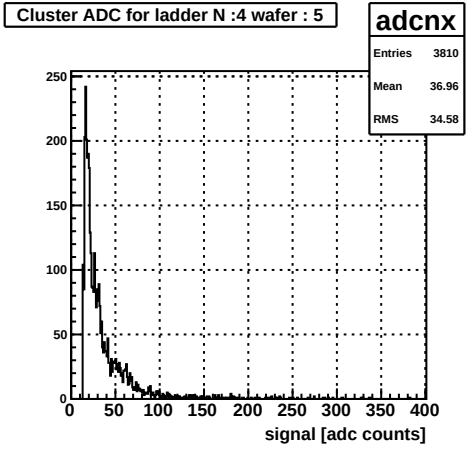

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4527
Mean 27.57
RMS 27.25
signal [adc counts]

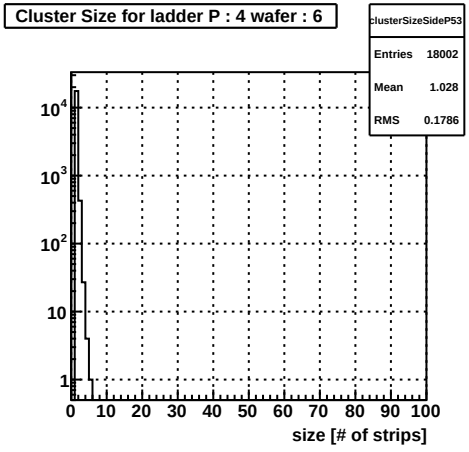

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6564
Mean 1.039
RMS 0.2606
size [# of strips]

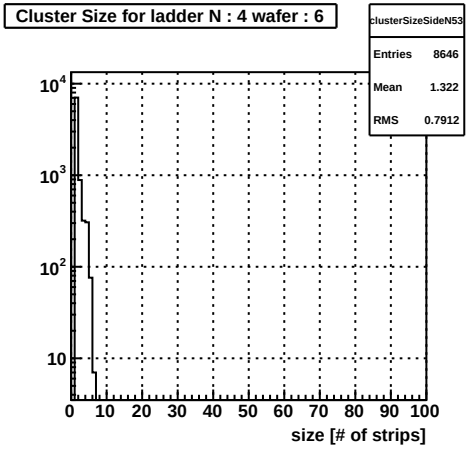

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3810
Mean 1.37
RMS 0.687
size [# of strips]

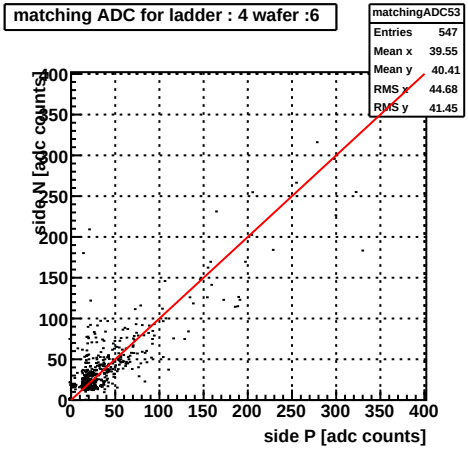

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 545
Mean x 61.65
Mean y 62.89
RMS x 58.91
RMS y 55.5
side N [adc counts]
side P [adc counts]

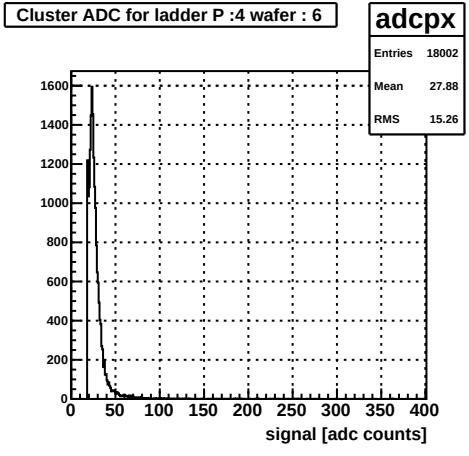

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6564
Mean 29.47
RMS 25.45
signal [adc counts]

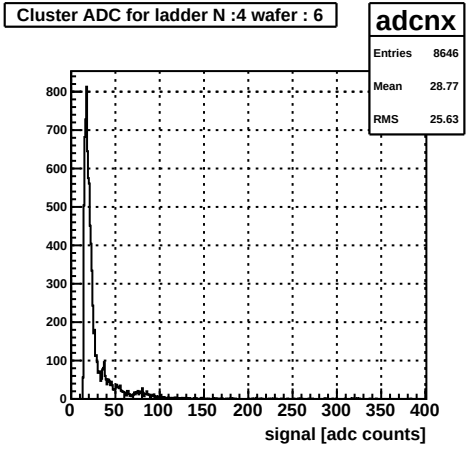

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3810
Mean 36.96
RMS 34.58
signal [adc counts]

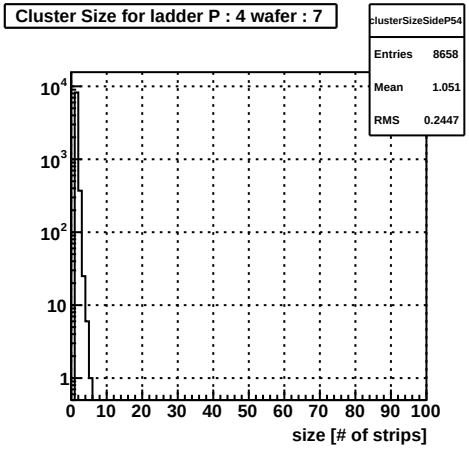

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 18002
Mean 1.028
RMS 0.1786
size [# of strips]

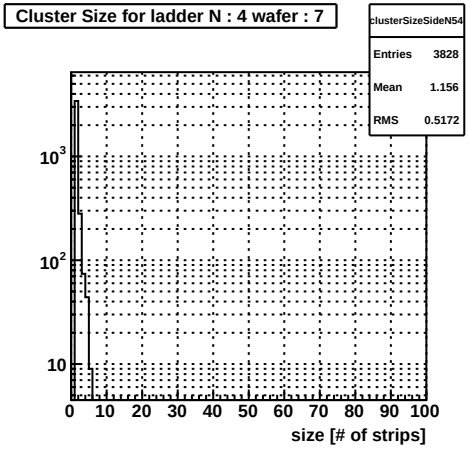

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8646
Mean 1.322
RMS 0.7912
size [# of strips]

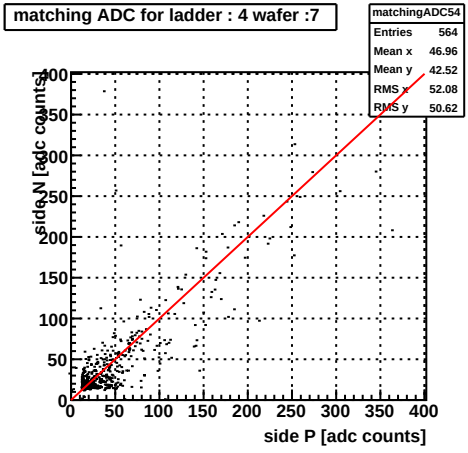

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 547
Mean x 39.55
Mean y 40.41
RMS x 44.68
RMS y 41.45
side N [adc counts]
side P [adc counts]

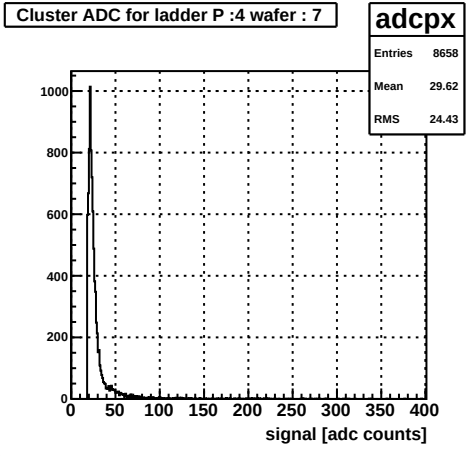

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 18002
Mean 27.88
RMS 15.26
signal [adc counts]

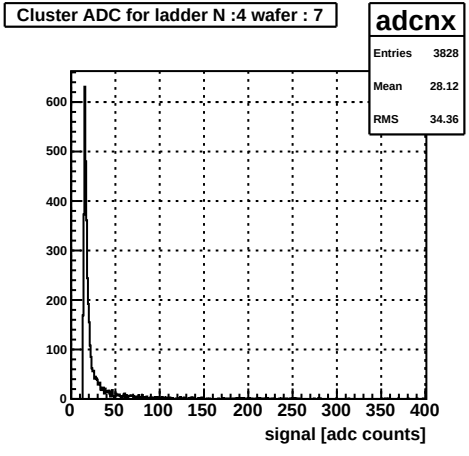

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8646
Mean 28.77
RMS 25.63
signal [adc counts]

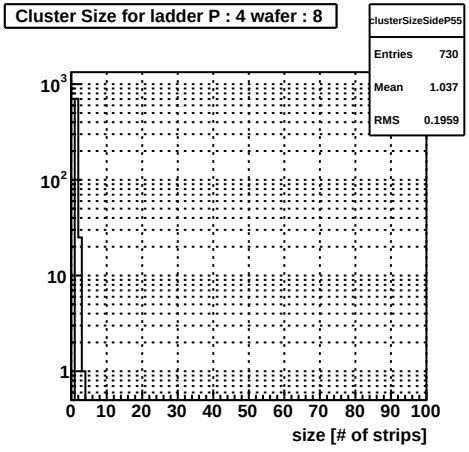

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8658
Mean 1.051
RMS 0.2447
size [# of strips]

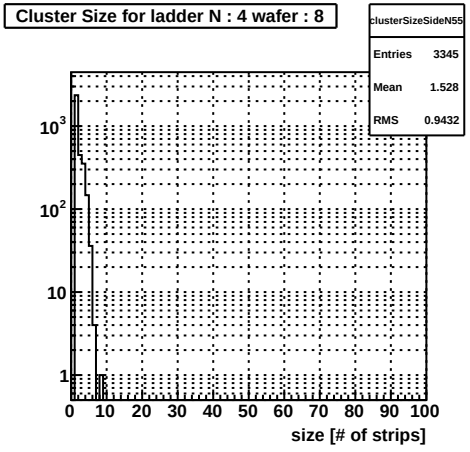

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3828
Mean 1.156
RMS 0.5172
size [# of strips]

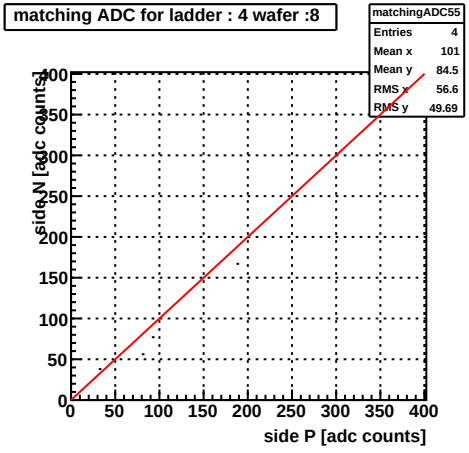

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 564
Mean x 46.96
Mean y 42.52
RMS x 52.08
RMS y 50.62
side N [adc counts]
side P [adc counts]

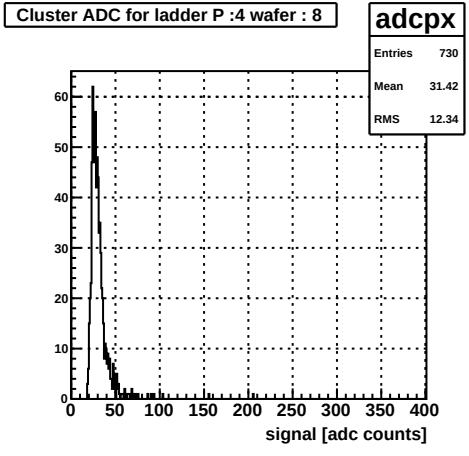

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8658
Mean 29.62
RMS 24.43
signal [adc counts]

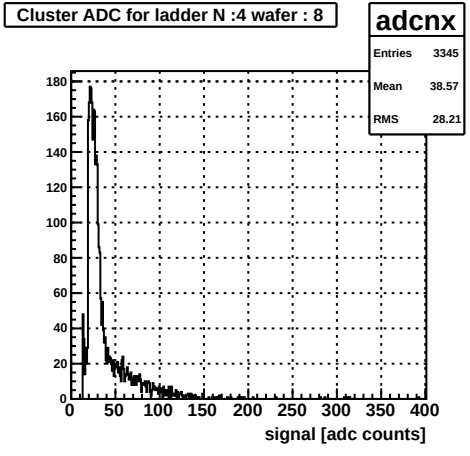

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3828
Mean 28.12
RMS 34.36
signal [adc counts]

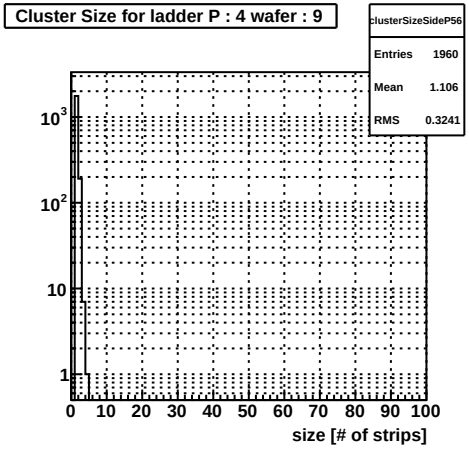

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 730
Mean 1.037
RMS 0.1959
size [# of strips]

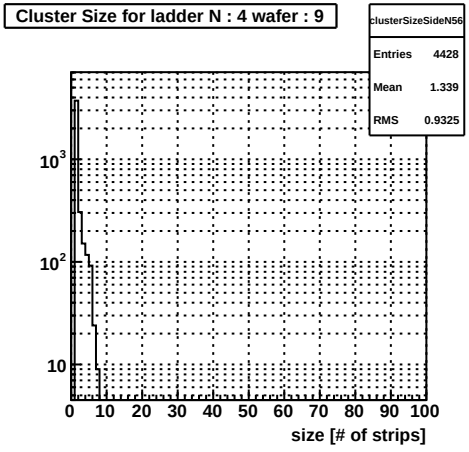

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3345
Mean 1.528
RMS 0.9432
size [# of strips]

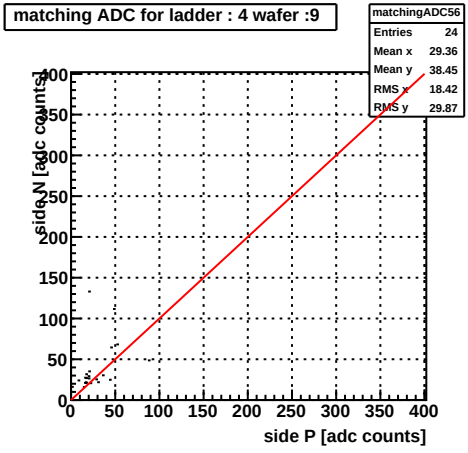

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 4
Mean x 101
Mean y 84.5
RMS x 56.6
RMS y 49.69
side N [adc counts]
side P [adc counts]

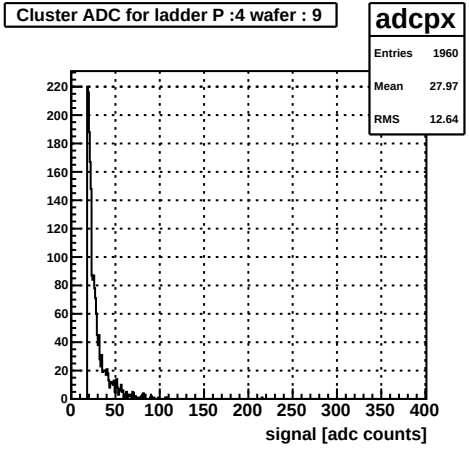

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 730
Mean 31.42
RMS 12.34
signal [adc counts]

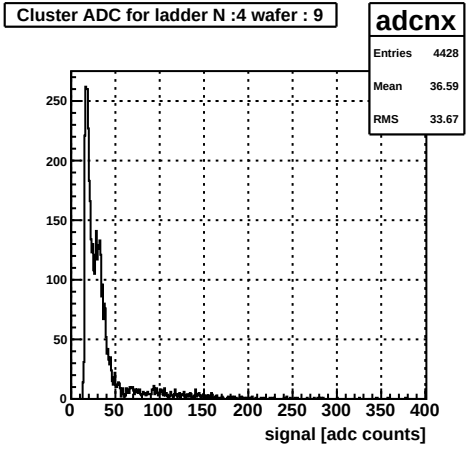

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3345
Mean 38.57
RMS 28.21
signal [adc counts]

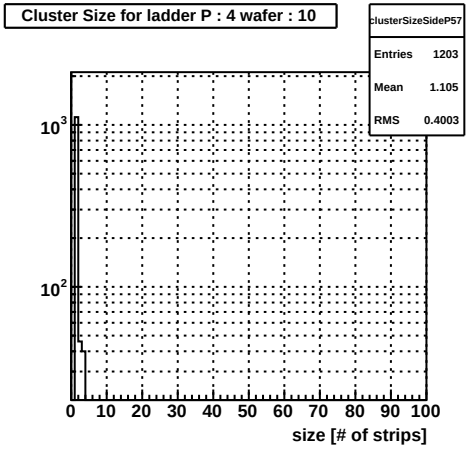

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1960
Mean 1.106
RMS 0.3241
size [# of strips]

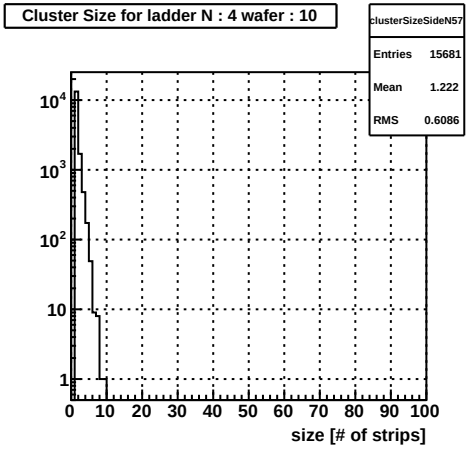

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4428
Mean 1.339
RMS 0.9325
size [# of strips]

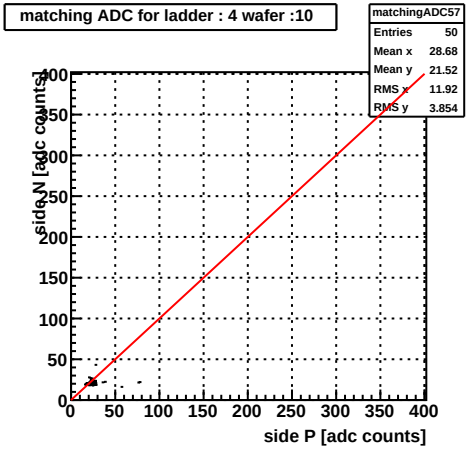

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 24
Mean x 29.36
Mean y 38.45
RMS x 18.42
RMS y 29.87
side N [adc counts]
side P [adc counts]

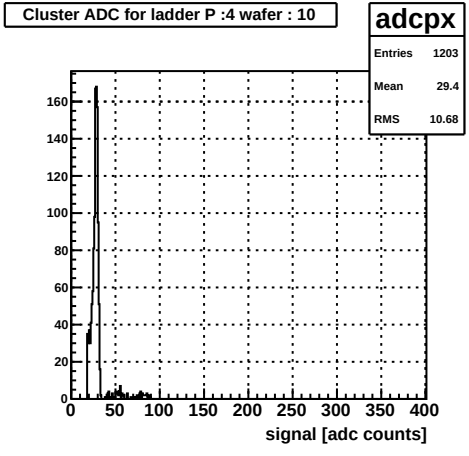

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1960
Mean 27.97
RMS 12.64
signal [adc counts]

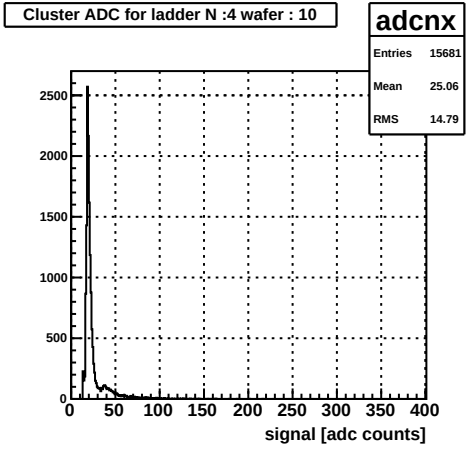

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4428
Mean 36.59
RMS 33.67
signal [adc counts]

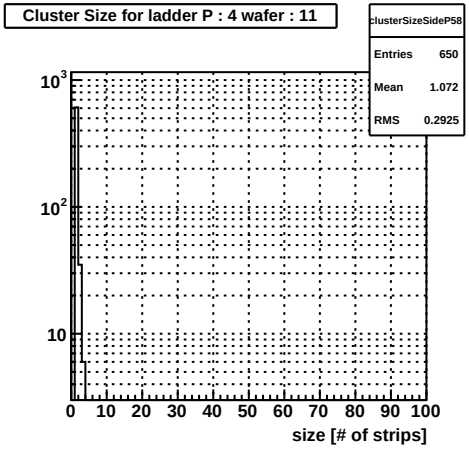

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1203
Mean 1.105
RMS 0.4003
size [# of strips]

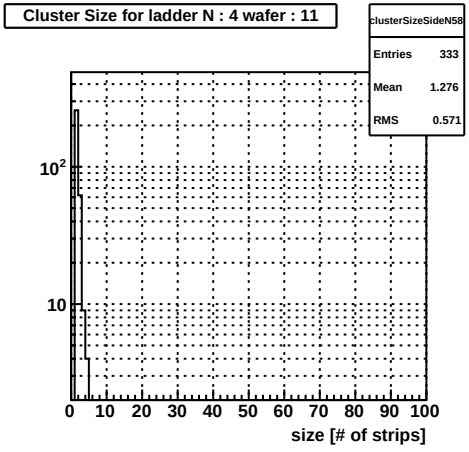

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15681
Mean 1.222
RMS 0.6086
size [# of strips]

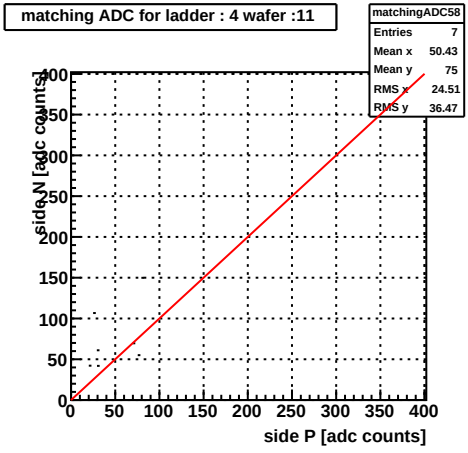

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 50
Mean x 28.68
Mean y 21.52
RMS x 11.92
RMS y 3.854
side N [adc counts]
side P [adc counts]

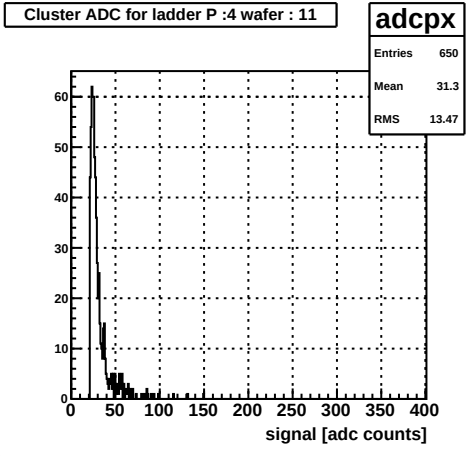

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1203
Mean 29.4
RMS 10.68
signal [adc counts]

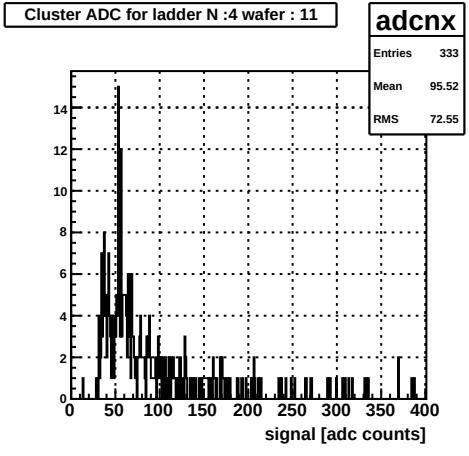

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15681
Mean 25.06
RMS 14.79
signal [adc counts]

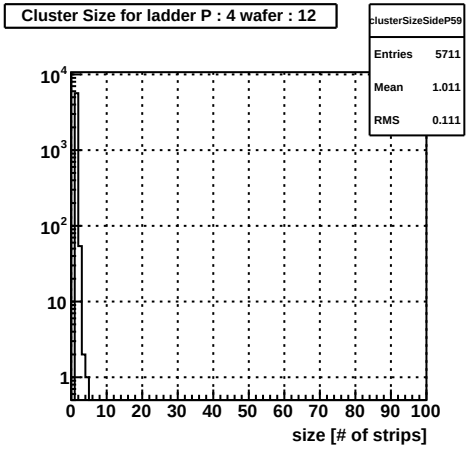

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 650
Mean 1.072
RMS 0.2925
size [# of strips]

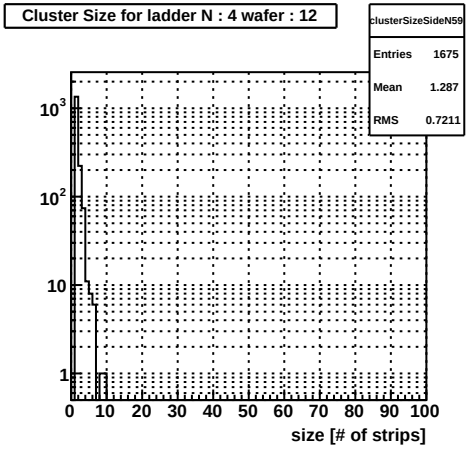

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 333
Mean 1.276
RMS 0.571
size [# of strips]

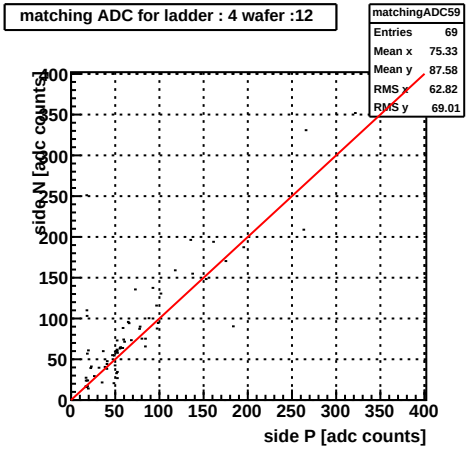

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 50.43
Mean y 75
RMS x 24.51
RMS y 36.47
side N [adc counts]
side P [adc counts]

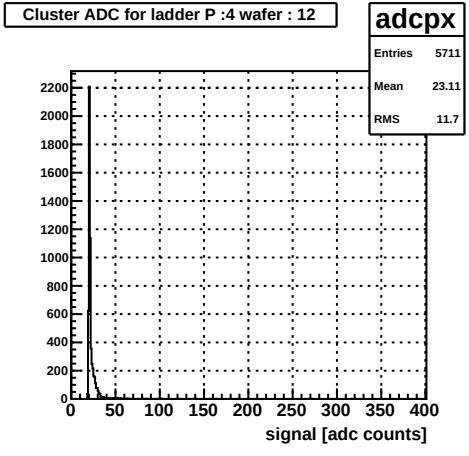

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 650
Mean 31.3
RMS 13.47
signal [adc counts]

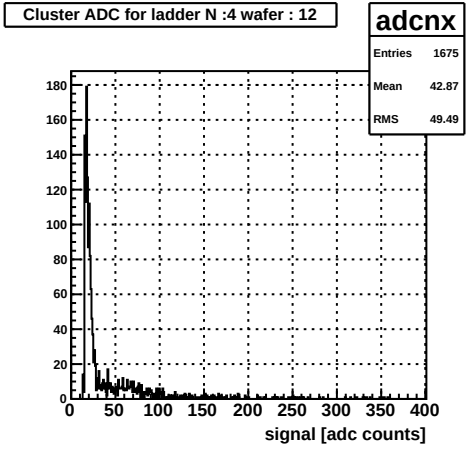

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 333
Mean 95.52
RMS 72.55
signal [adc counts]

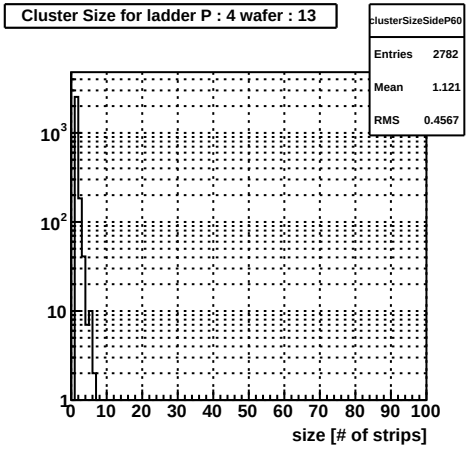

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5711
Mean 1.011
RMS 0.111
size [# of strips]

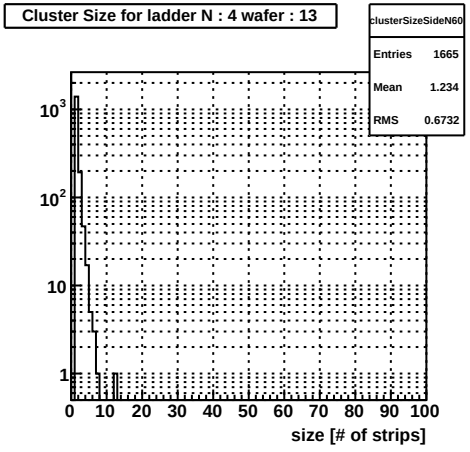

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1675
Mean 1.287
RMS 0.7211
size [# of strips]

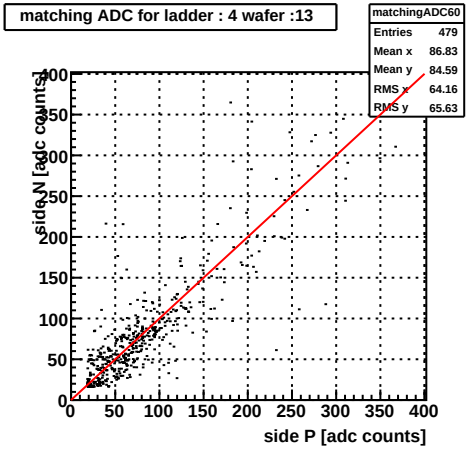

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 69
Mean x 75.33
Mean y 87.58
RMS x 62.82
RMS y 69.01
side N [adc counts]
side P [adc counts]

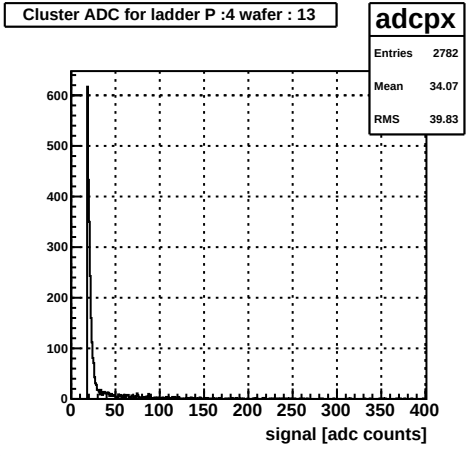

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5711
Mean 23.11
RMS 11.7
signal [adc counts]

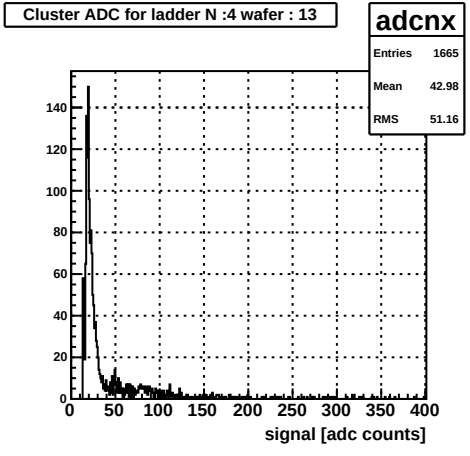

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1675
Mean 42.87
RMS 49.49
signal [adc counts]

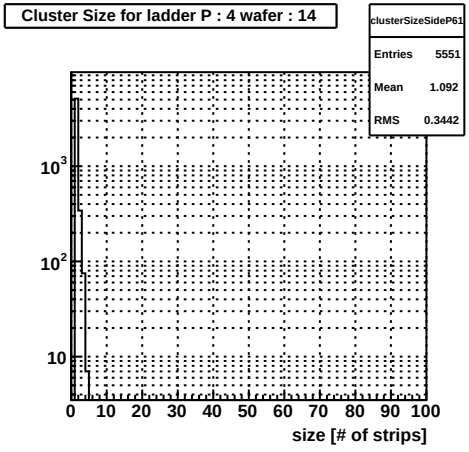

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2782
Mean 1.121
RMS 0.4567
size [# of strips]

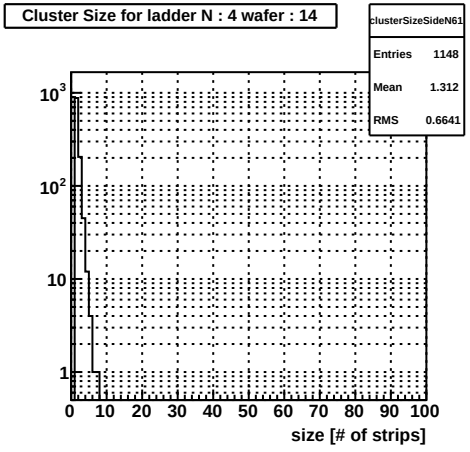

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1665
Mean 1.234
RMS 0.6732
size [# of strips]

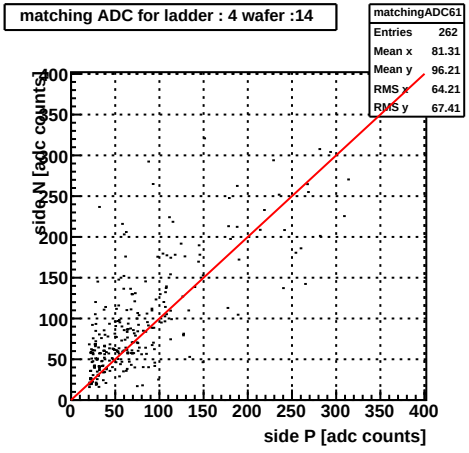

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 479
Mean x 86.83
Mean y 84.59
RMS x 64.16
RMS y 65.63
side N [adc counts]
side P [adc counts]

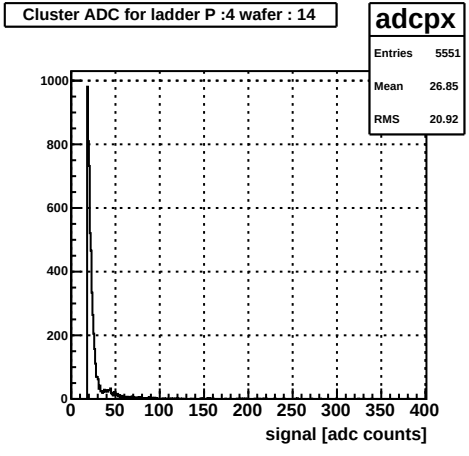

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2782
Mean 34.07
RMS 39.83
signal [adc counts]

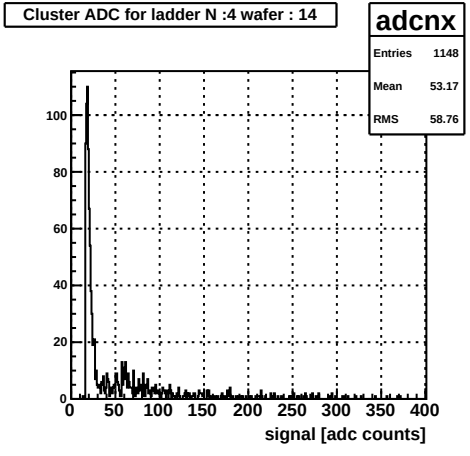

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1665
Mean 42.98
RMS 51.16
signal [adc counts]

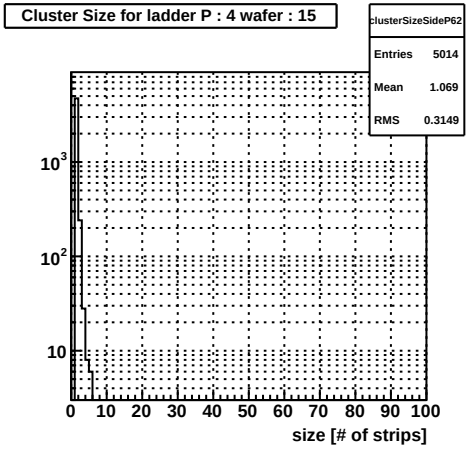

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5551
Mean 1.092
RMS 0.3442
size [# of strips]

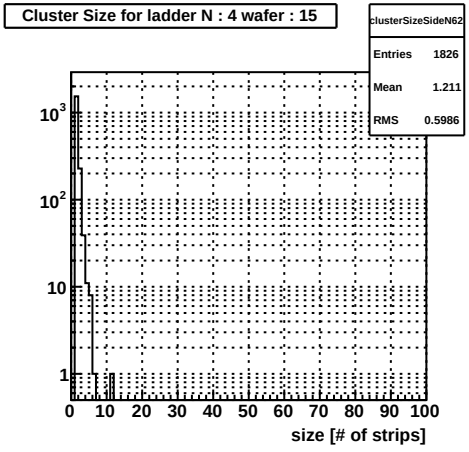

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1148
Mean 1.312
RMS 0.6641
size [# of strips]

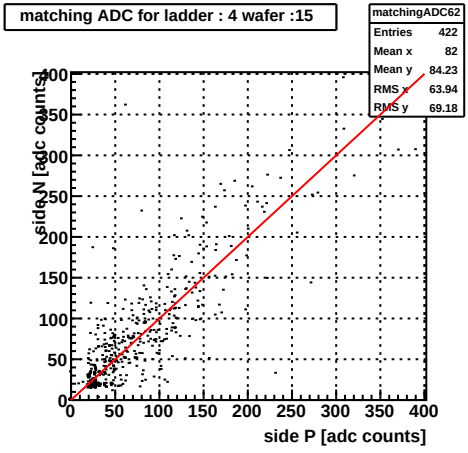

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 262
Mean x 81.31
Mean y 96.21
RMS x 64.21
RMS y 67.41
side N [adc counts]
side P [adc counts]

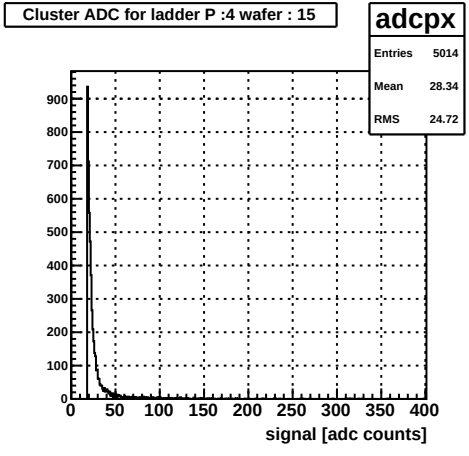

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5551
Mean 26.85
RMS 20.92
signal [adc counts]

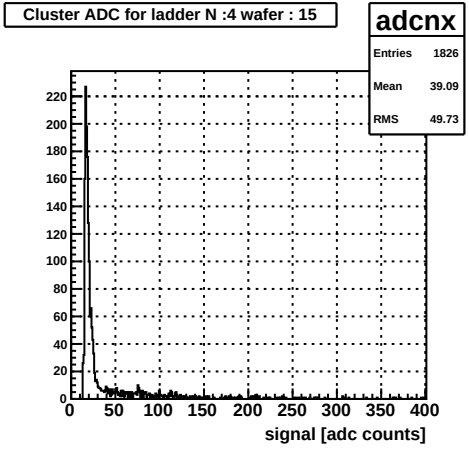

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1148
Mean 53.17
RMS 58.76
signal [adc counts]

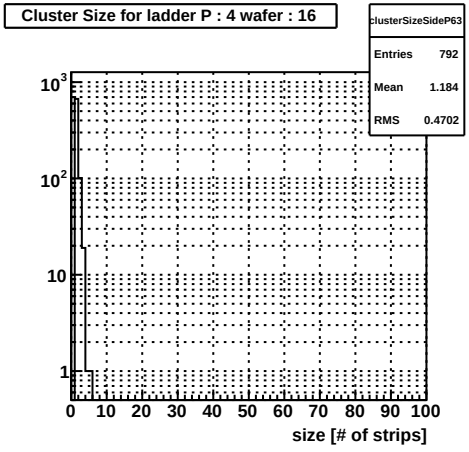

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5014
Mean 1.069
RMS 0.3149
size [# of strips]

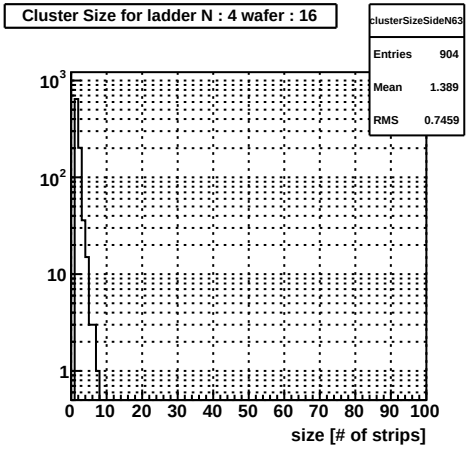

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1826
Mean 1.211
RMS 0.5986
size [# of strips]

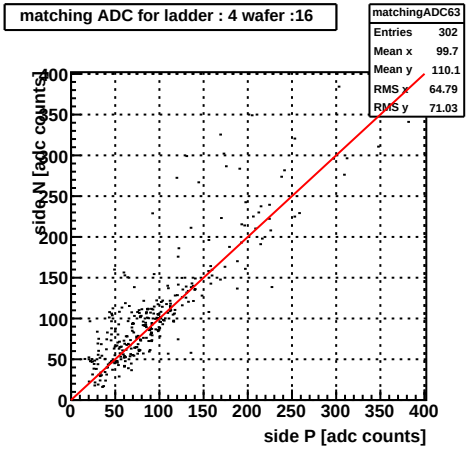

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 422
Mean x 82
Mean y 84.23
RMS x 63.94
RMS y 69.18
side N [adc counts]
side P [adc counts]

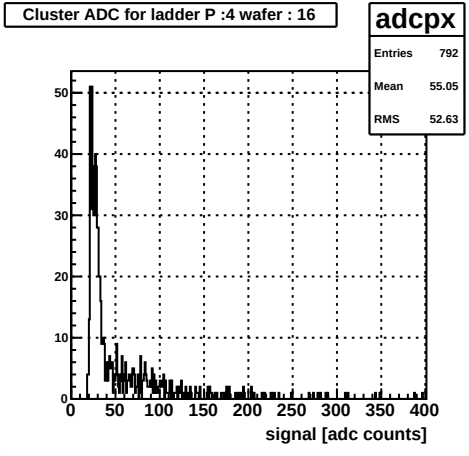

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5014
Mean 28.34
RMS 24.72
signal [adc counts]

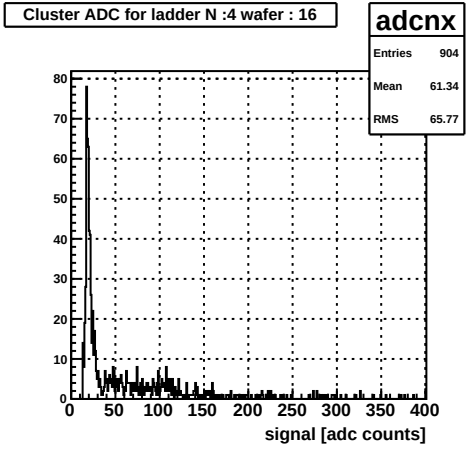

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1826
Mean 39.09
RMS 49.73
signal [adc counts]

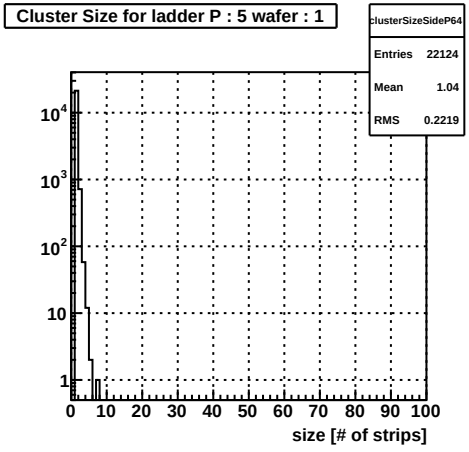

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 792
Mean 1.184
RMS 0.4702
size [# of strips]

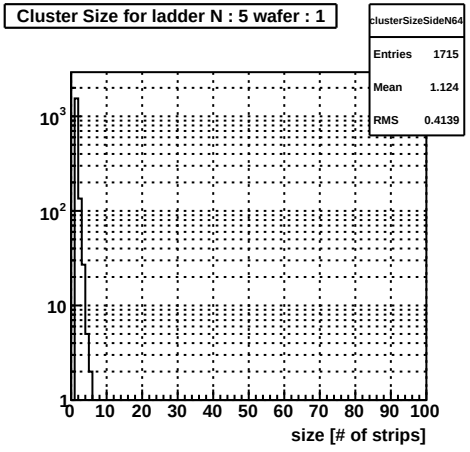

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 904
Mean 1.389
RMS 0.7459
size [# of strips]

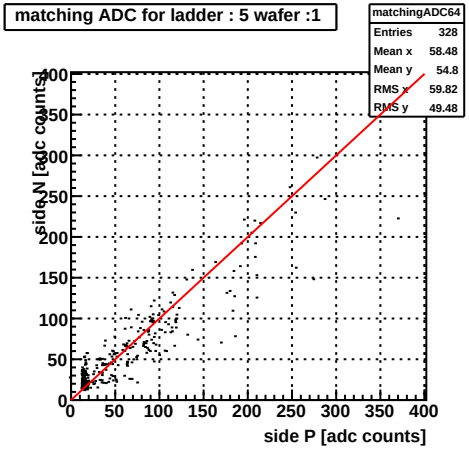

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 302
Mean x 99.7
Mean y 110.1
RMS x 64.79
RMS y 71.03
side N [adc counts]
side P [adc counts]

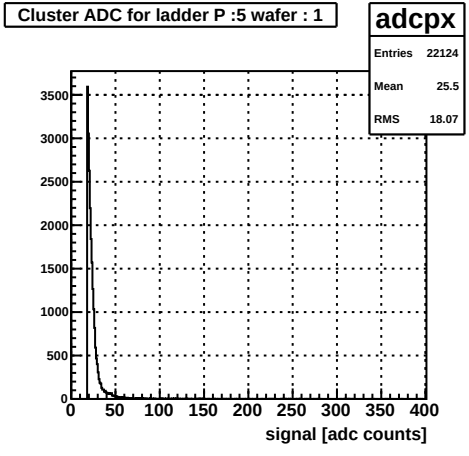

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 792
Mean 55.05
RMS 52.63
signal [adc counts]

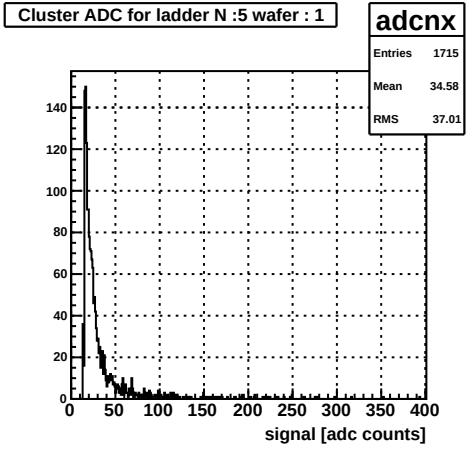

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 904
Mean 61.34
RMS 65.77
signal [adc counts]

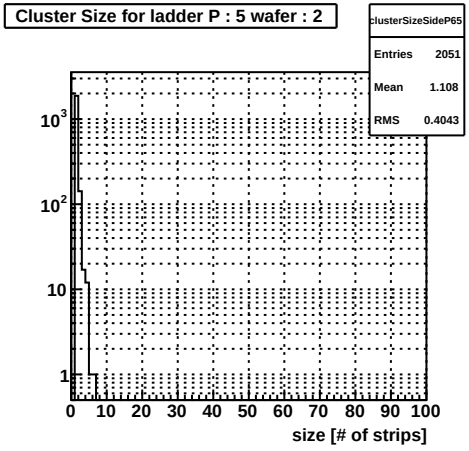

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 22124
Mean 1.04
RMS 0.2219
size [# of strips]

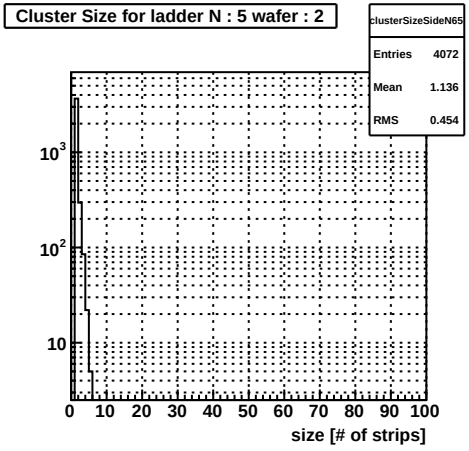

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1715
Mean 1.124
RMS 0.4139
size [# of strips]

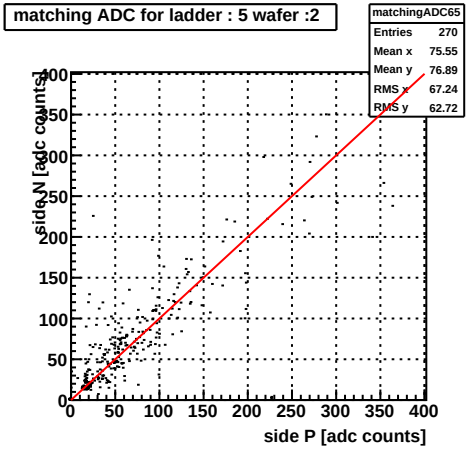

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 328
Mean x 58.48
Mean y 54.8
RMS x 59.82
RMS y 49.48
side N [adc counts]
side P [adc counts]

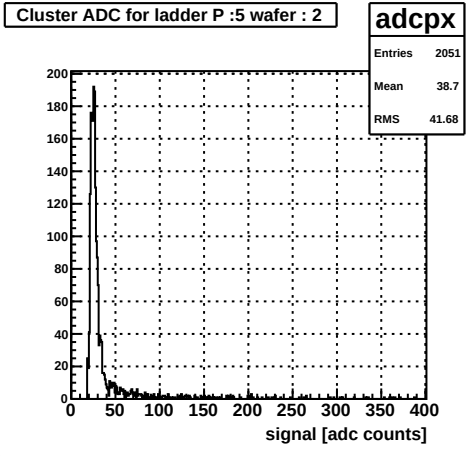

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 22124
Mean 25.5
RMS 18.07
signal [adc counts]

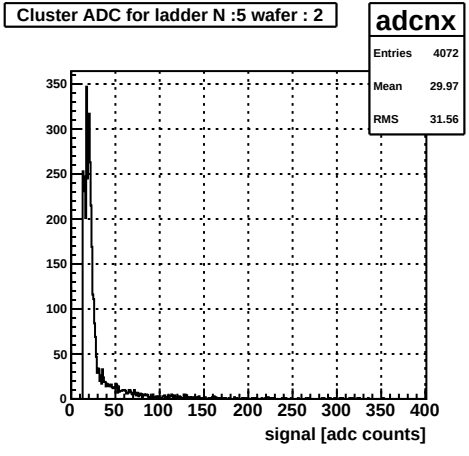

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1715
Mean 34.58
RMS 37.01
signal [adc counts]

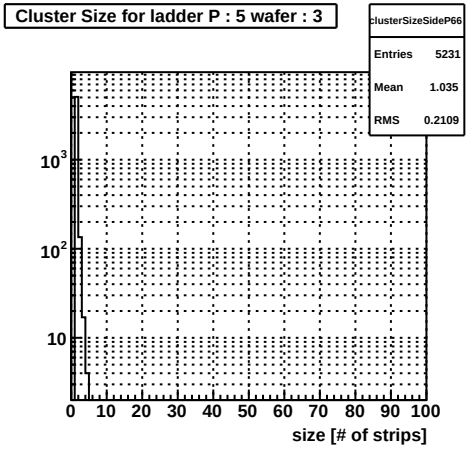

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2051
Mean 1.108
RMS 0.4043
size [# of strips]

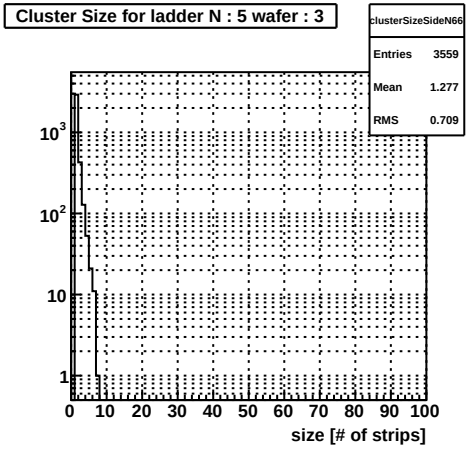

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4072
Mean 1.136
RMS 0.454
size [# of strips]

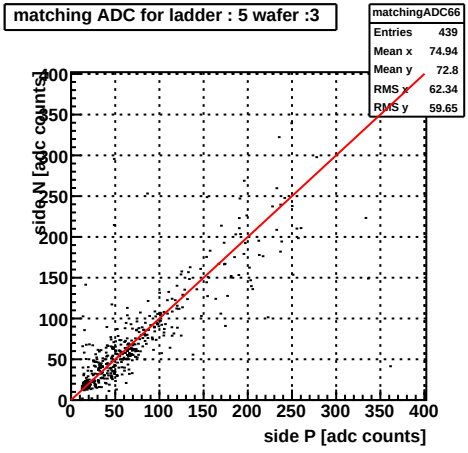

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 270
Mean x 75.55
Mean y 76.89
RMS x 67.24
RMS y 62.72
side N [adc counts]
side P [adc counts]

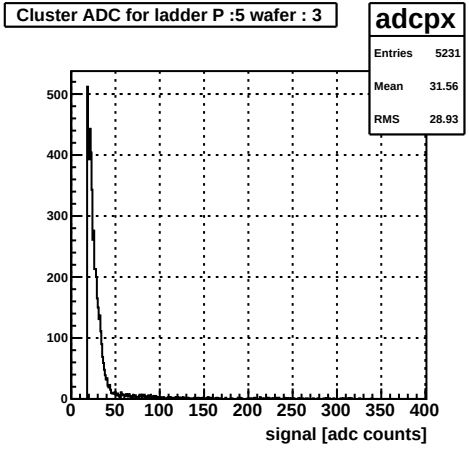

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2051
Mean 38.7
RMS 41.68
signal [adc counts]

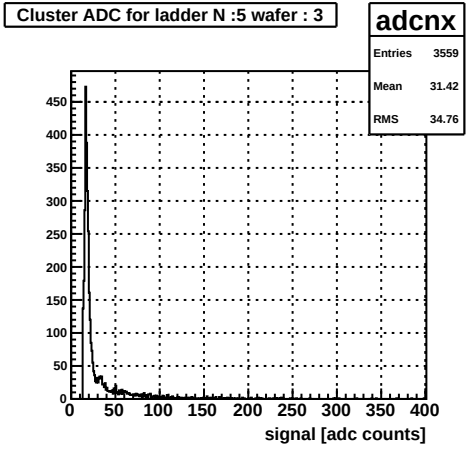

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4072
Mean 29.97
RMS 31.56
signal [adc counts]

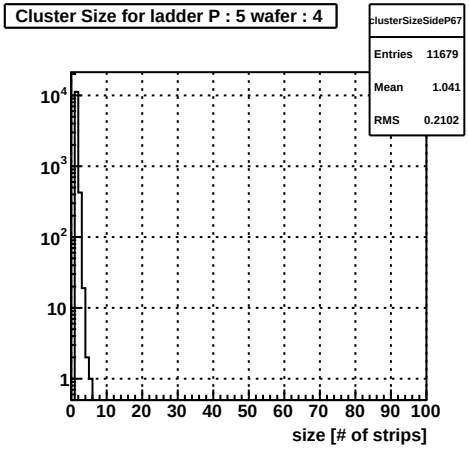

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5231
Mean 1.035
RMS 0.2109
size [# of strips]

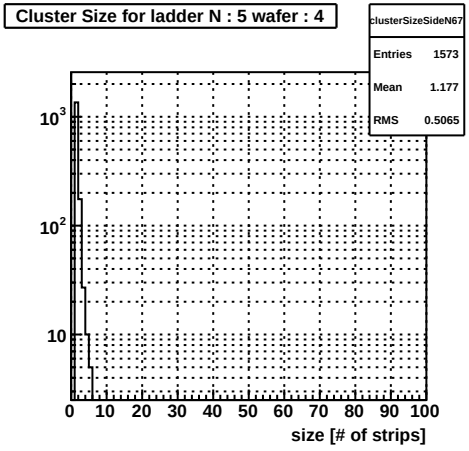

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3559
Mean 1.277
RMS 0.709
size [# of strips]

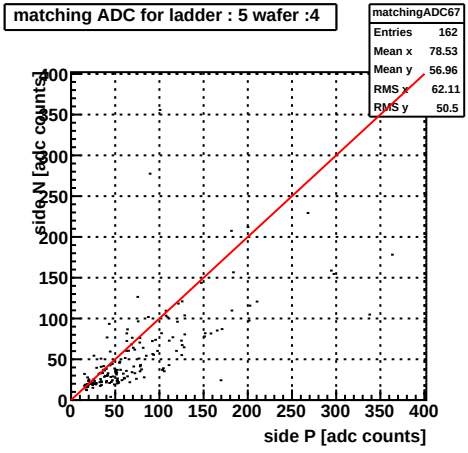

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 439
Mean x 74.94
Mean y 72.8
RMS x 62.34
RMS y 59.65
side N [adc counts]
side P [adc counts]

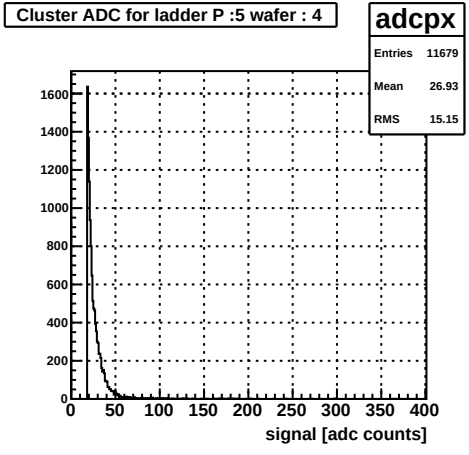

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5231
Mean 31.56
RMS 28.93
signal [adc counts]

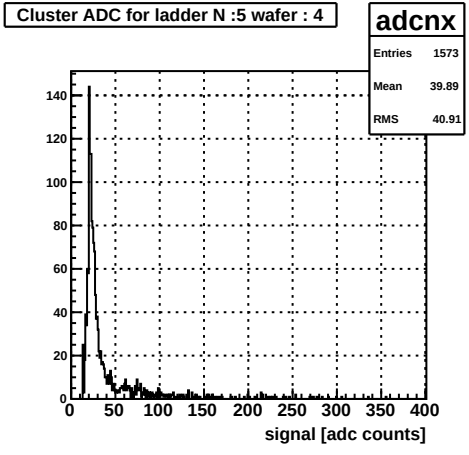

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3559
Mean 31.42
RMS 34.76
signal [adc counts]

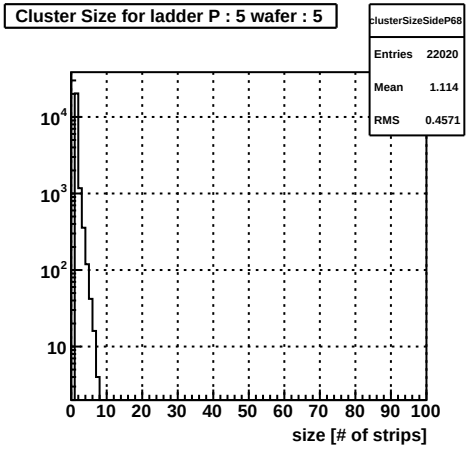

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11679
Mean 1.041
RMS 0.2102
size [# of strips]

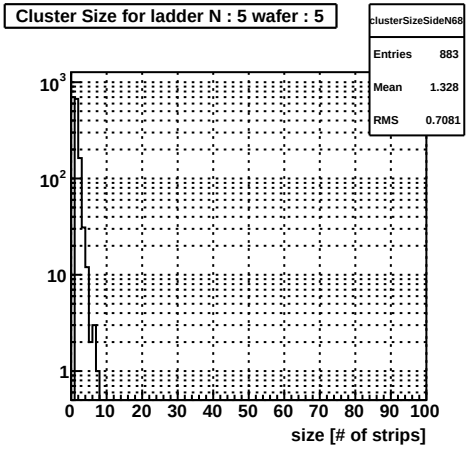

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1573
Mean 1.177
RMS 0.5065
size [# of strips]

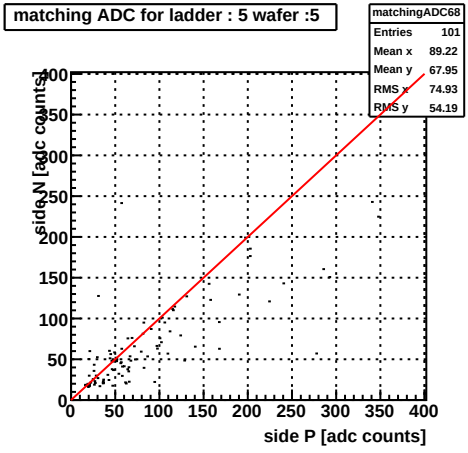

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 162
Mean x 78.53
Mean y 56.96
RMS x 62.11
RMS y 50.5
side N [adc counts]
side P [adc counts]

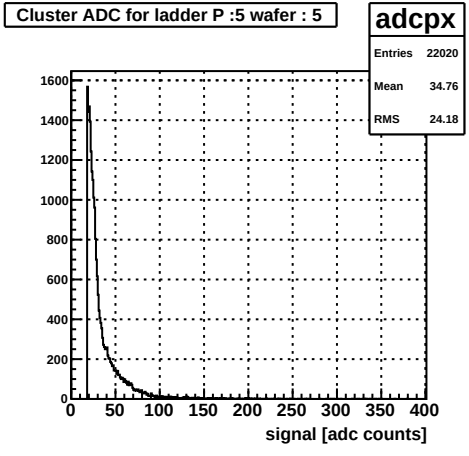

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11679
Mean 26.93
RMS 15.15
signal [adc counts]

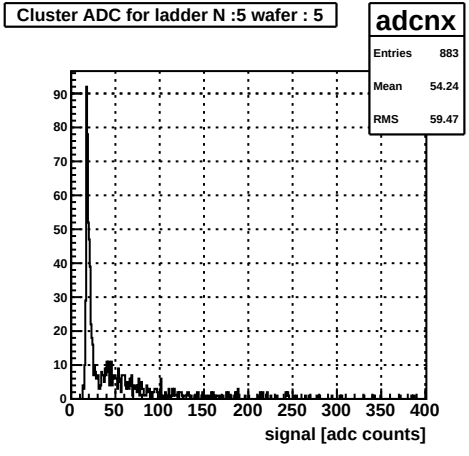

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1573
Mean 39.89
RMS 40.91
signal [adc counts]

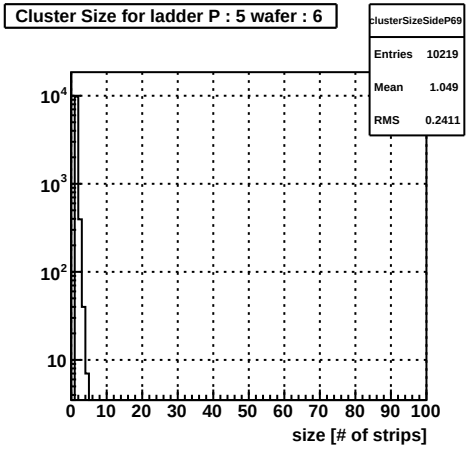

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 22020
Mean 1.114
RMS 0.4571
size [# of strips]

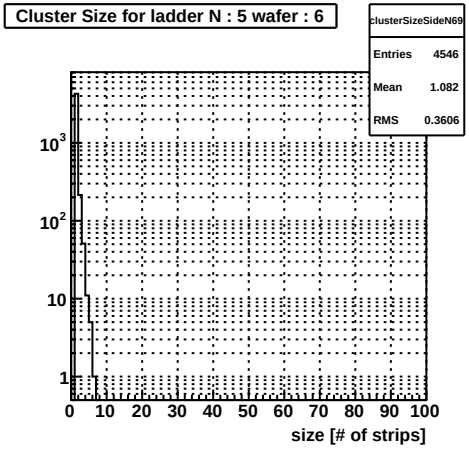

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 883
Mean 1.328
RMS 0.7081
size [# of strips]

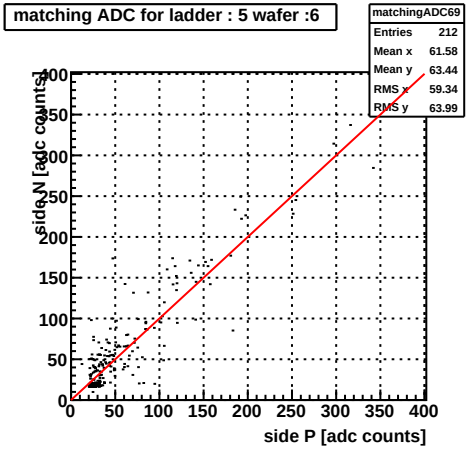

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 101
Mean x 89.22
Mean y 67.95
RMS x 74.93
RMS y 54.19
side N [adc counts]
side P [adc counts]

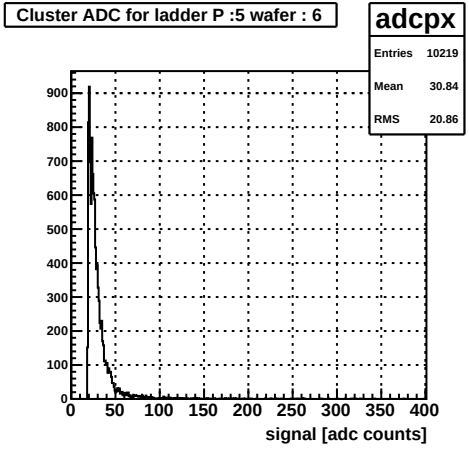

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 22020
Mean 34.76
RMS 24.18
signal [adc counts]

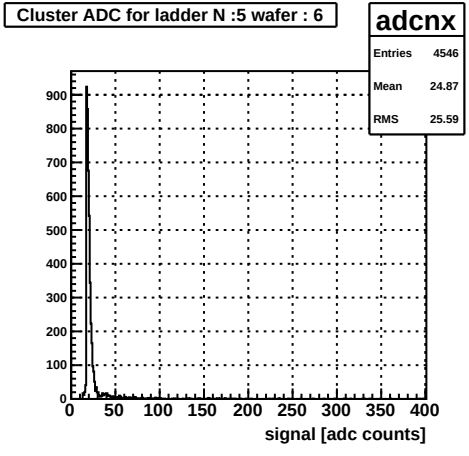

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 883
Mean 54.24
RMS 59.47
signal [adc counts]

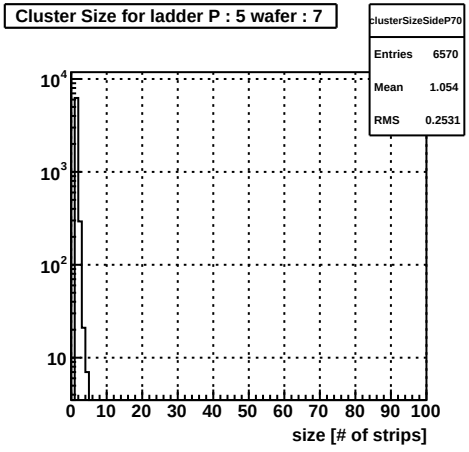

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10219
Mean 1.049
RMS 0.2411
size [# of strips]

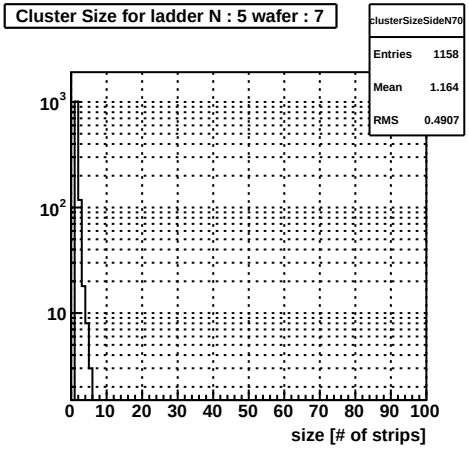

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4546
Mean 1.082
RMS 0.3606
size [# of strips]

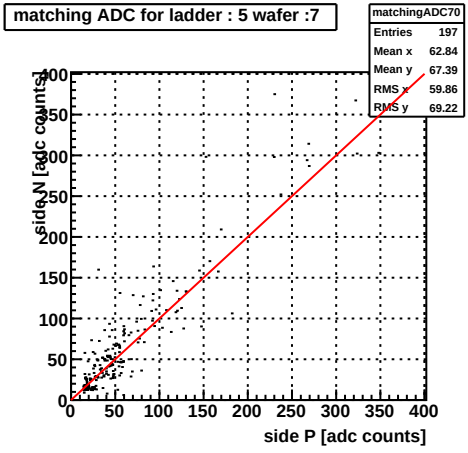

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 212
Mean x 61.58
Mean y 63.44
RMS x 59.34
RMS y 63.99
side N [adc counts]
side P [adc counts]

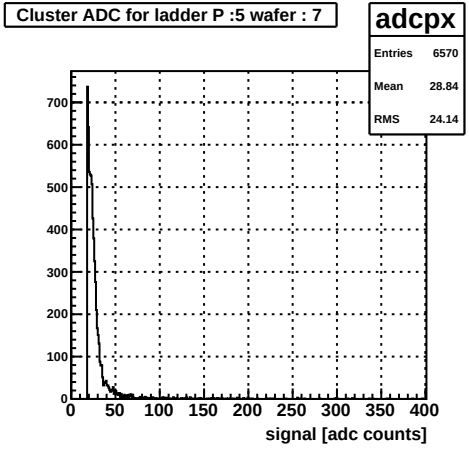

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10219
Mean 30.84
RMS 20.86
signal [adc counts]

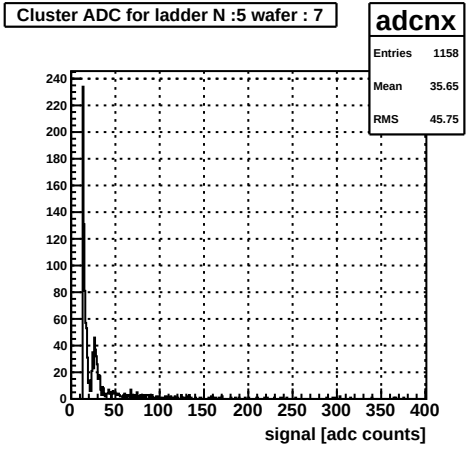

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4546
Mean 24.87
RMS 25.59
signal [adc counts]

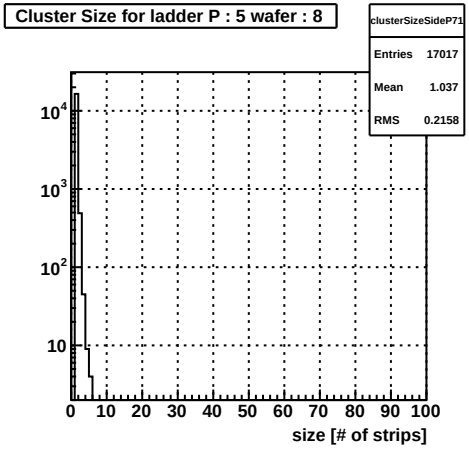

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6570
Mean 1.054
RMS 0.2531
size [# of strips]

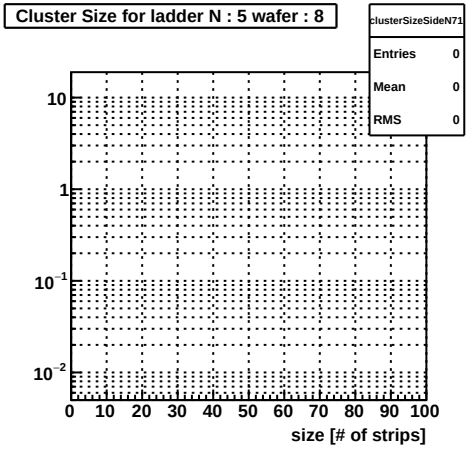

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1158
Mean 1.164
RMS 0.4907
size [# of strips]

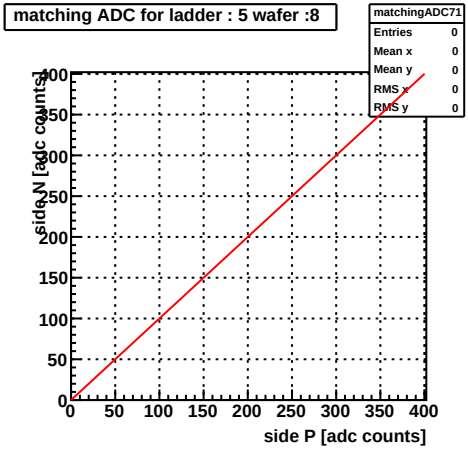

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 197
Mean x 62.84
Mean y 67.39
RMS x 59.86
RMS y 69.22
side N [adc counts]
side P [adc counts]

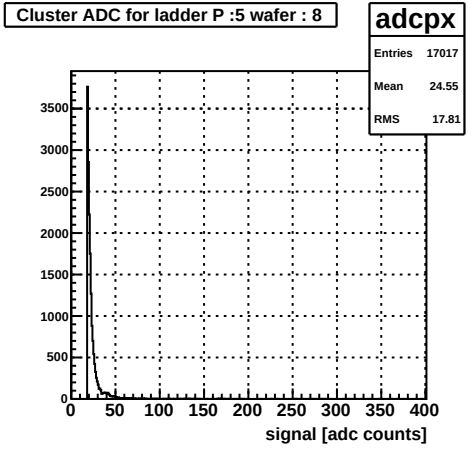

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6570
Mean 28.84
RMS 24.14
signal [adc counts]

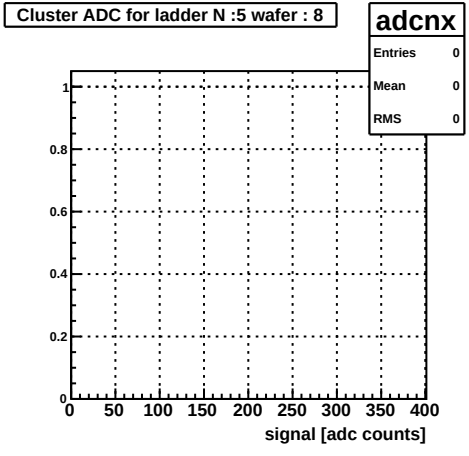

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1158
Mean 35.65
RMS 45.75
signal [adc counts]

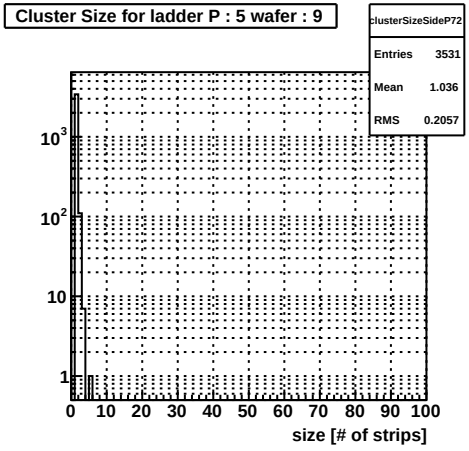

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 17017
Mean 1.037
RMS 0.2158
size [# of strips]

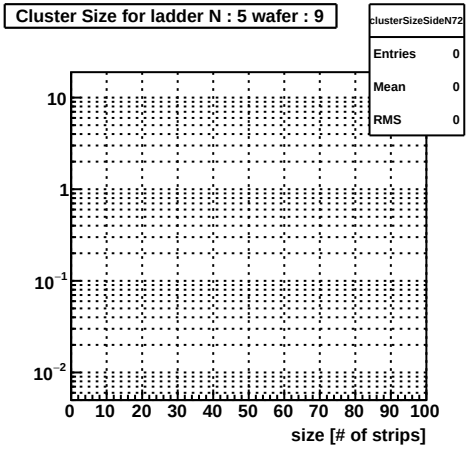

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

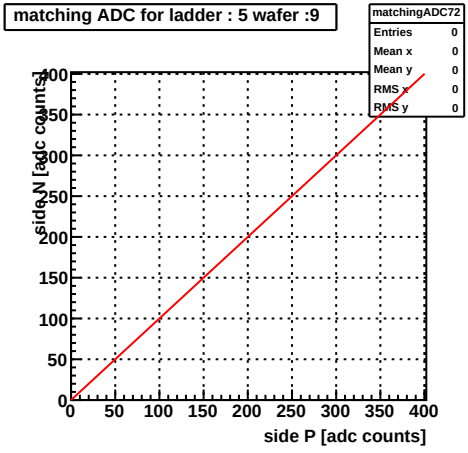

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

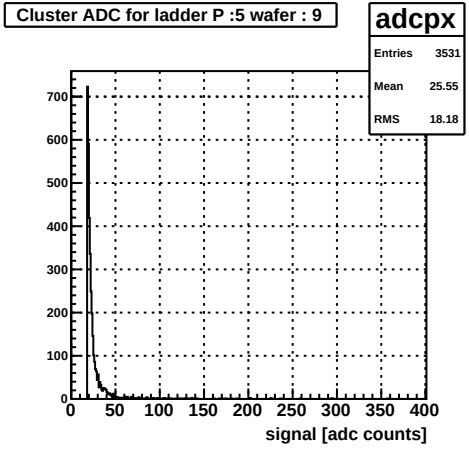

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 17017
Mean 24.55
RMS 17.81
signal [adc counts]

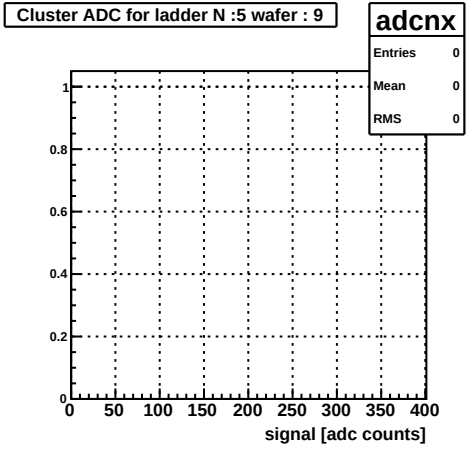

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

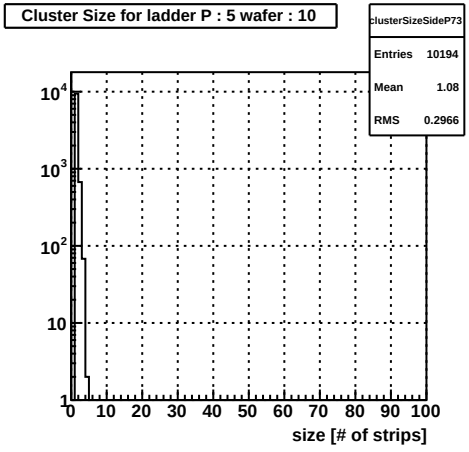

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3531
Mean 1.036
RMS 0.2057
size [# of strips]

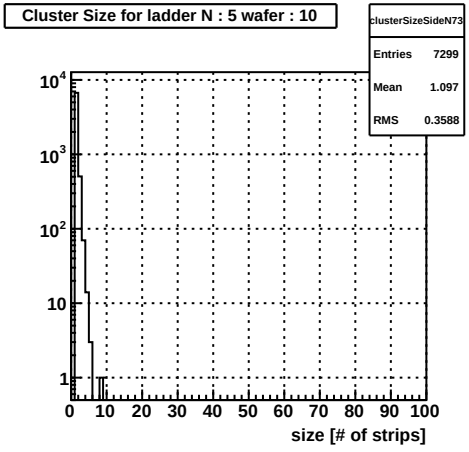

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

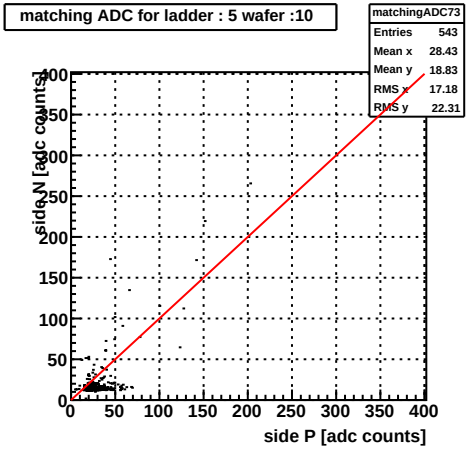

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

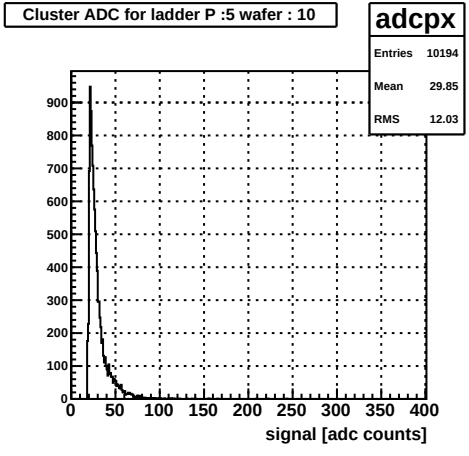

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3531
Mean 25.55
RMS 18.18
signal [adc counts]

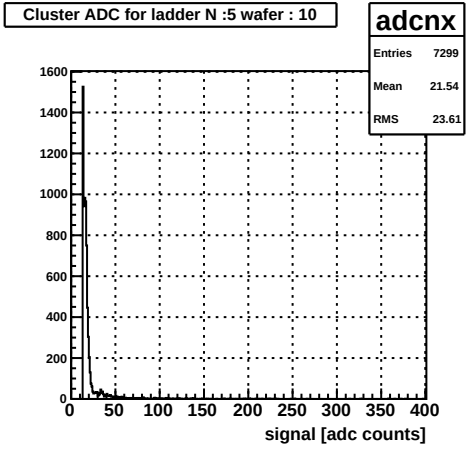

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

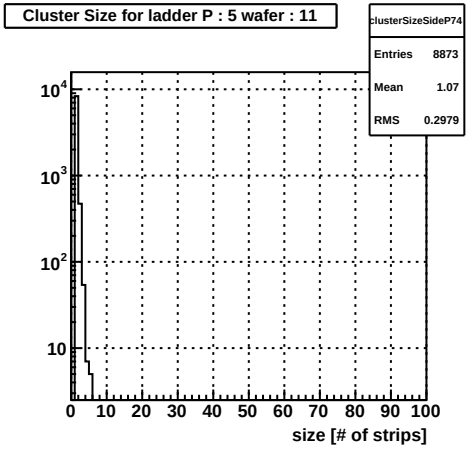

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10194
Mean 1.08
RMS 0.2966
size [# of strips]

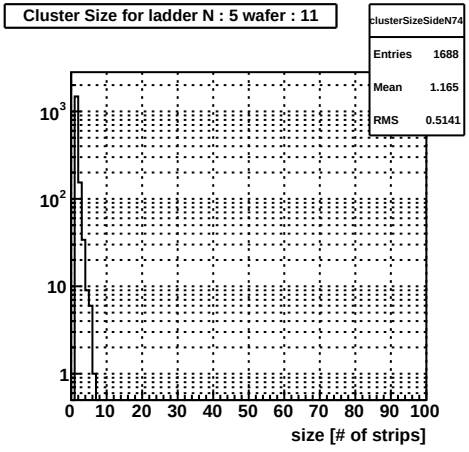

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7299
Mean 1.097
RMS 0.3588
size [# of strips]

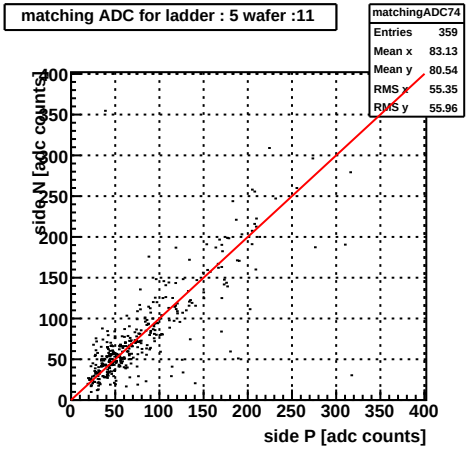

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 543
Mean x 28.43
Mean y 18.83
RMS x 17.18
RMS y 22.31
side N [adc counts]
side P [adc counts]

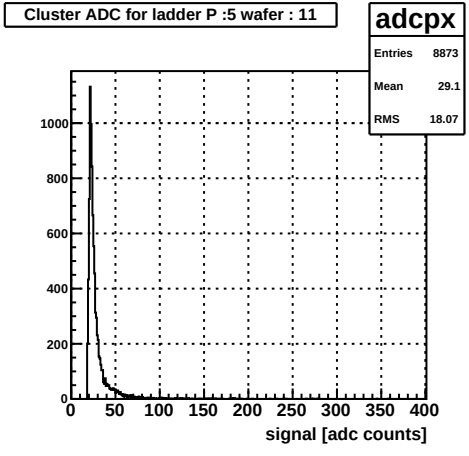

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10194
Mean 29.85
RMS 12.03
signal [adc counts]

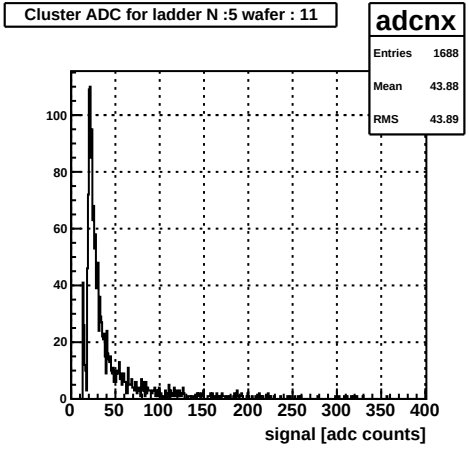

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7299
Mean 21.54
RMS 23.61
signal [adc counts]

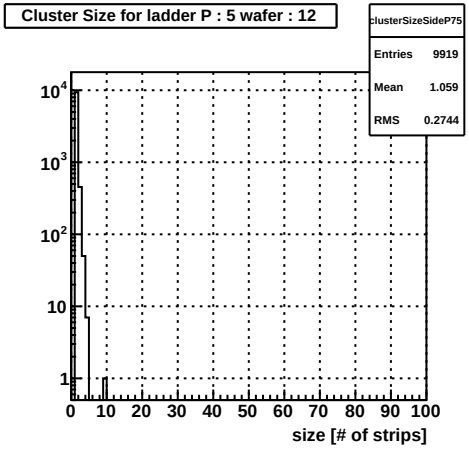

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8873
Mean 1.07
RMS 0.2979
size [# of strips]

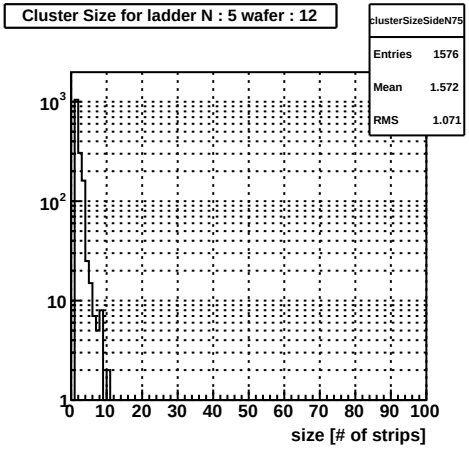

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1688
Mean 1.165
RMS 0.5141
size [# of strips]

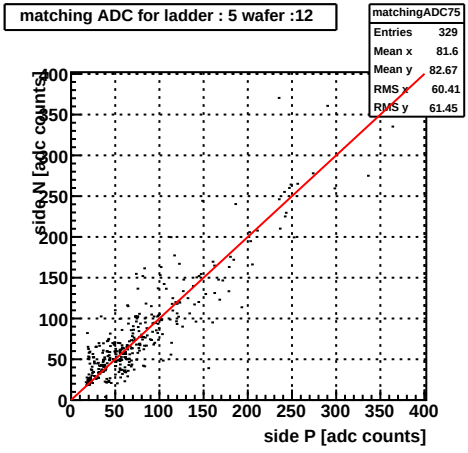

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 359
Mean x 83.13
Mean y 80.54
RMS x 55.35
RMS y 55.96
side N [adc counts]
side P [adc counts]

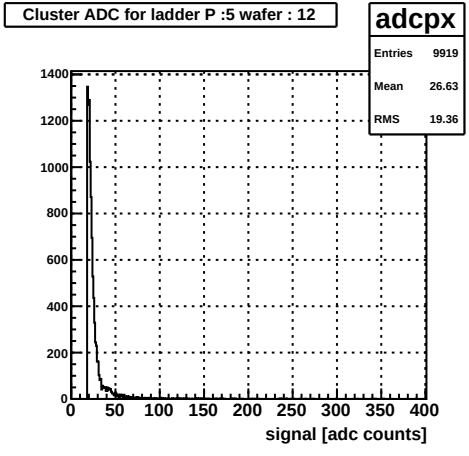

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8873
Mean 29.1
RMS 18.07
signal [adc counts]

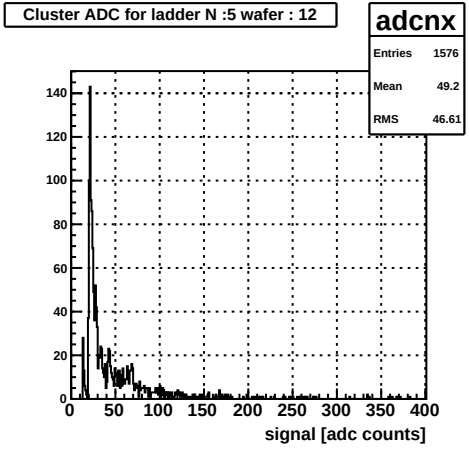

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1688
Mean 43.88
RMS 43.89
signal [adc counts]

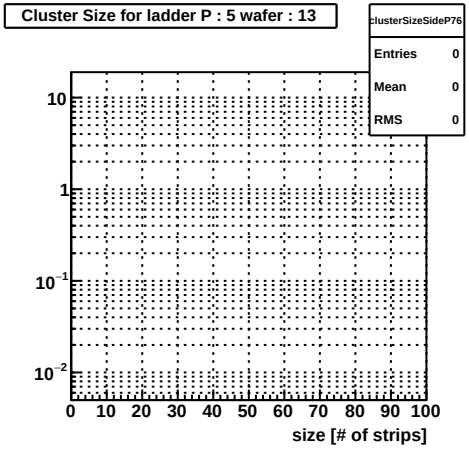

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9919
Mean 1.059
RMS 0.2744
size [# of strips]

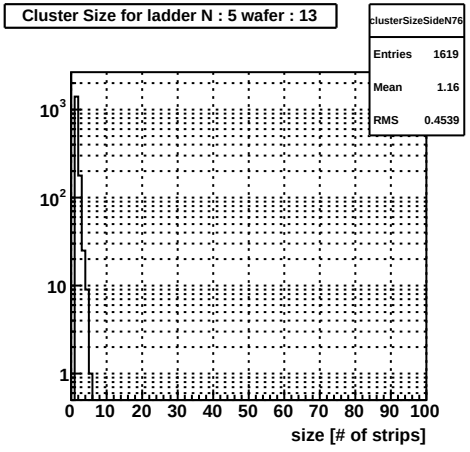

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1576
Mean 1.572
RMS 1.071
size [# of strips]

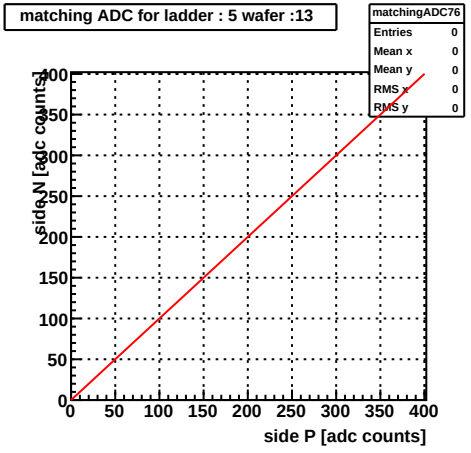

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 329
Mean x 81.6
Mean y 82.67
RMS x 60.41
RMS y 61.45
side N [adc counts]
side P [adc counts]

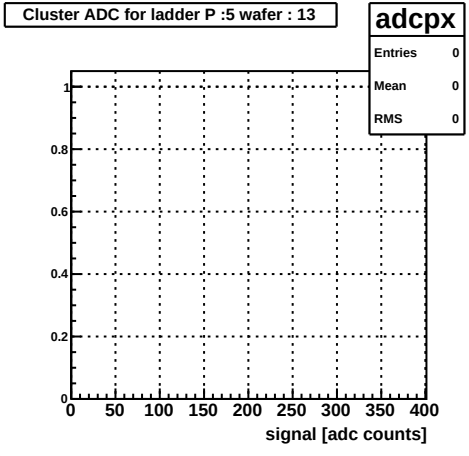

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9919
Mean 26.63
RMS 19.36
signal [adc counts]

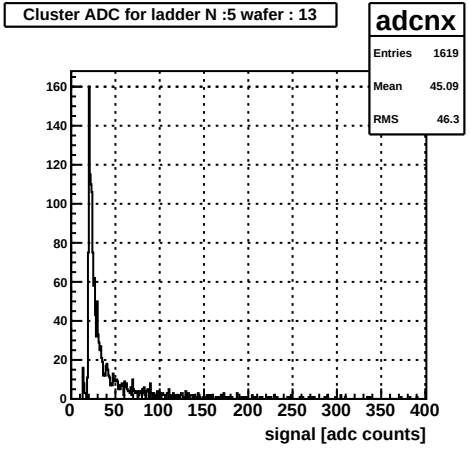

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1576
Mean 49.2
RMS 46.61
signal [adc counts]

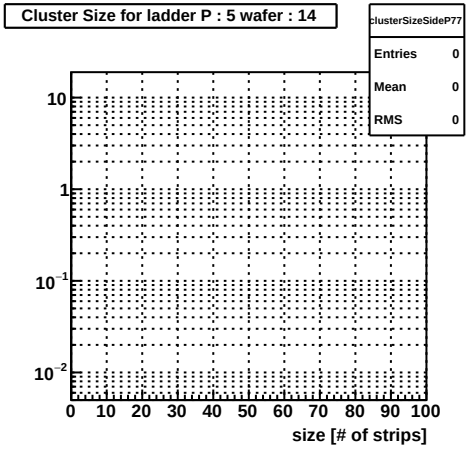

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

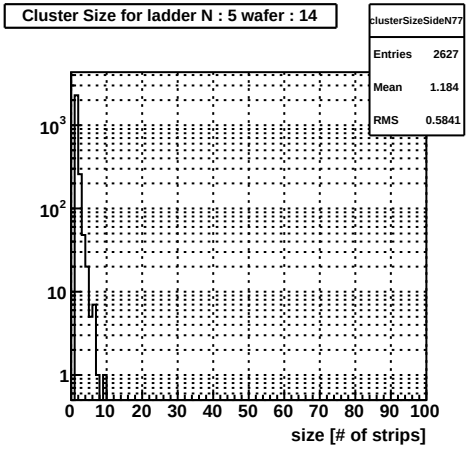

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1619
Mean 1.16
RMS 0.4539
size [# of strips]

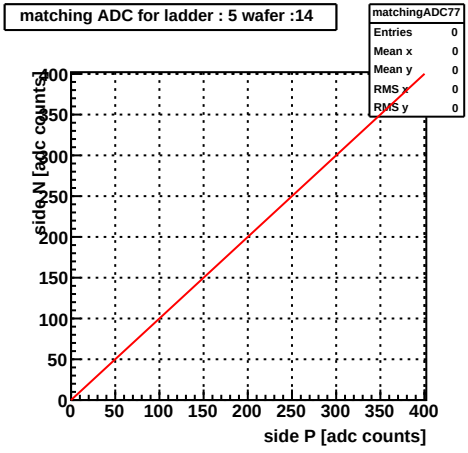

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

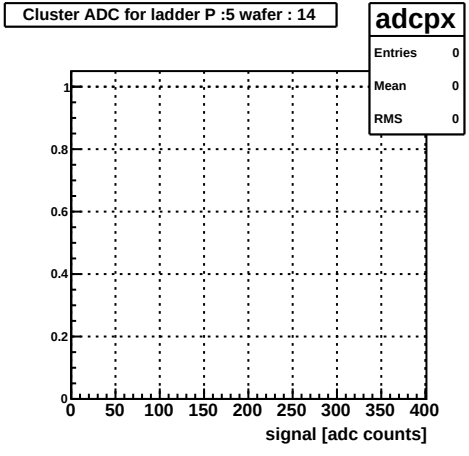

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

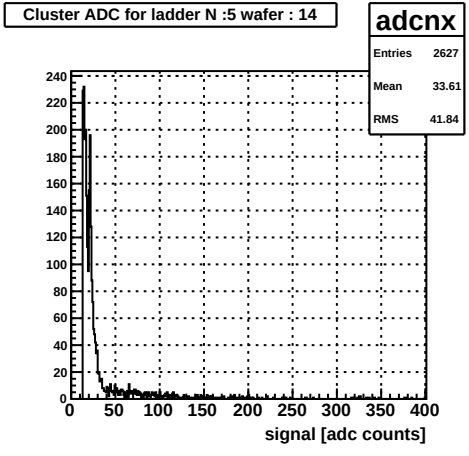

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1619
Mean 45.09
RMS 46.3
signal [adc counts]

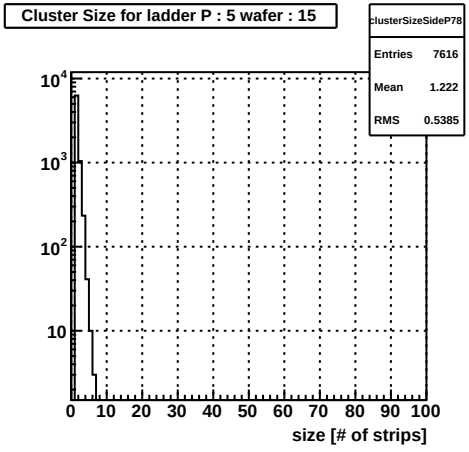

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

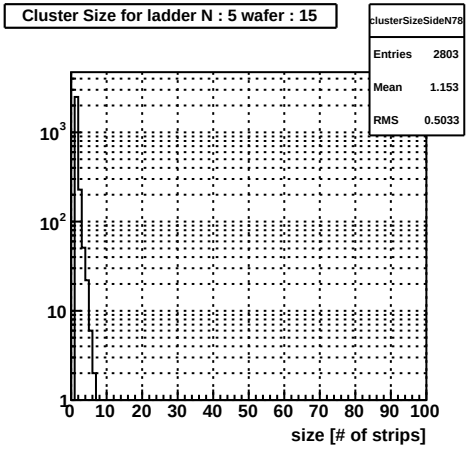

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2627
Mean 1.184
RMS 0.5841
size [# of strips]

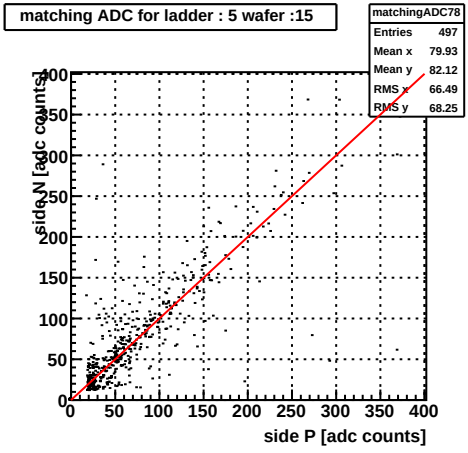

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

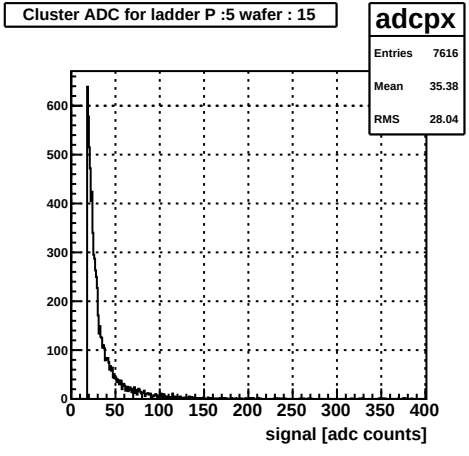

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

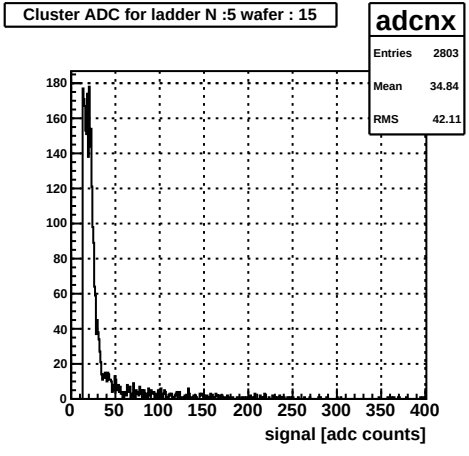

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2627
Mean 33.61
RMS 41.84
signal [adc counts]

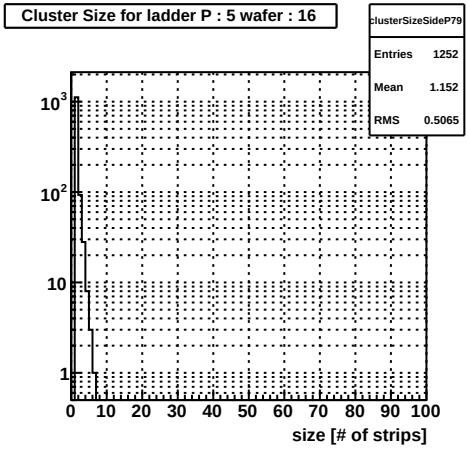

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7616
Mean 1.222
RMS 0.5385
size [# of strips]

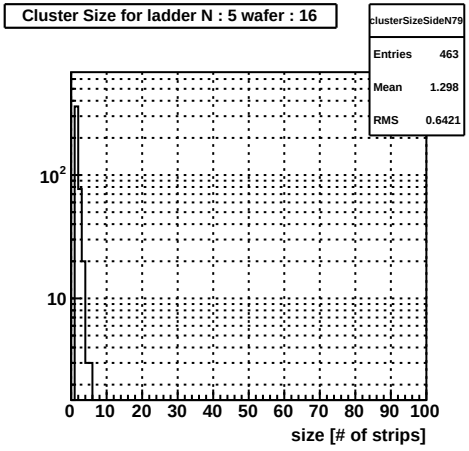

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2803
Mean 1.153
RMS 0.5033
size [# of strips]

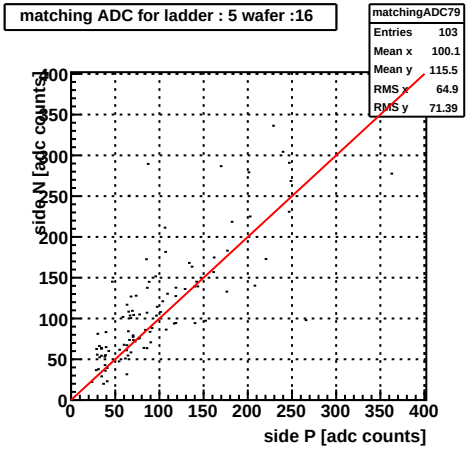

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 497
Mean x 79.93
Mean y 82.12
RMS x 66.49
RMS y 68.25
side N [adc counts]
side P [adc counts]

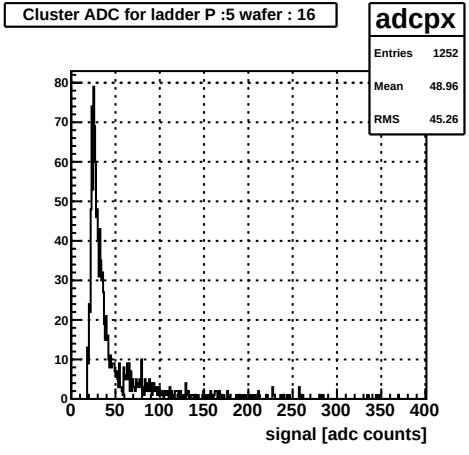

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7616
Mean 35.38
RMS 28.04
signal [adc counts]

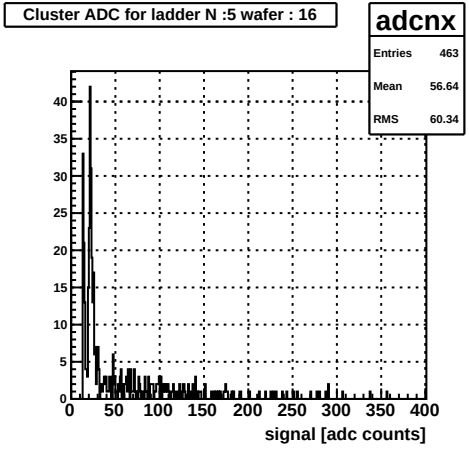

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2803
Mean 34.84
RMS 42.11
signal [adc counts]

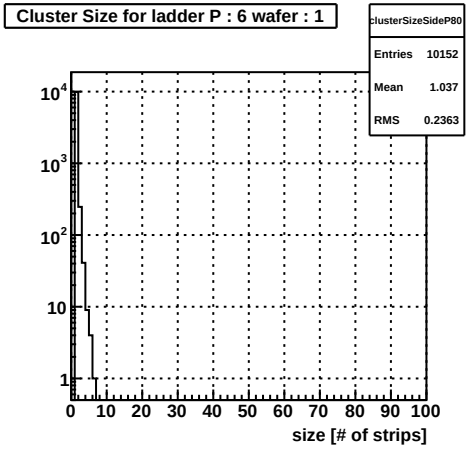

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1252
Mean 1.152
RMS 0.5065
size [# of strips]

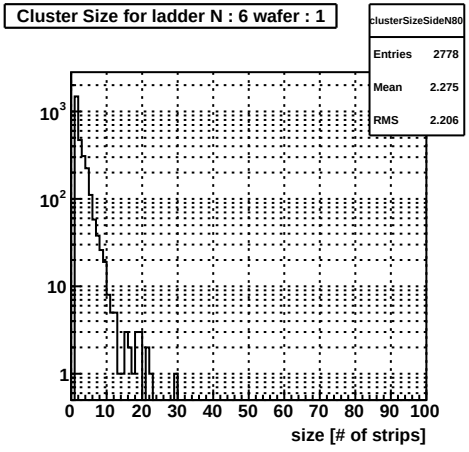

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 463
Mean 1.298
RMS 0.6421
size [# of strips]

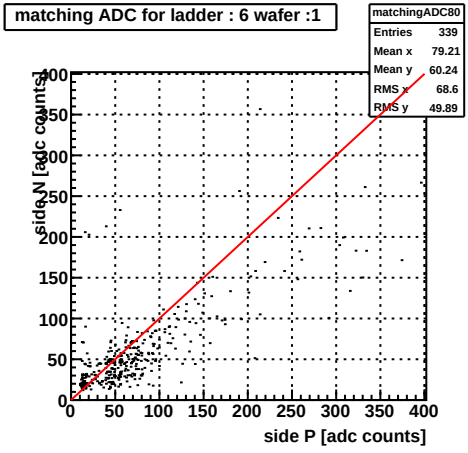

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 103
Mean x 100.1
Mean y 115.5
RMS x 64.9
RMS y 71.39
side N [adc counts]
side P [adc counts]

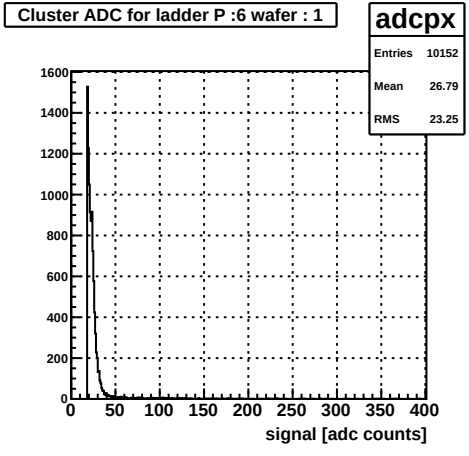

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1252
Mean 48.96
RMS 45.26
signal [adc counts]

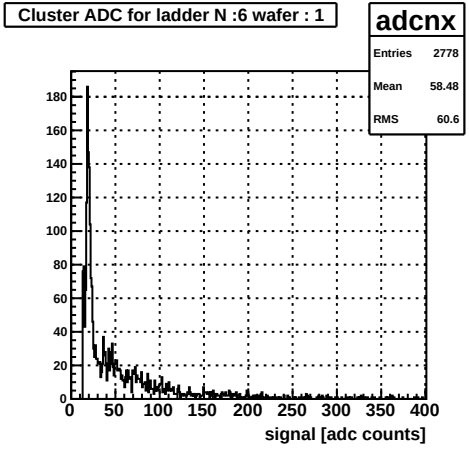

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 463
Mean 56.64
RMS 60.34
signal [adc counts]

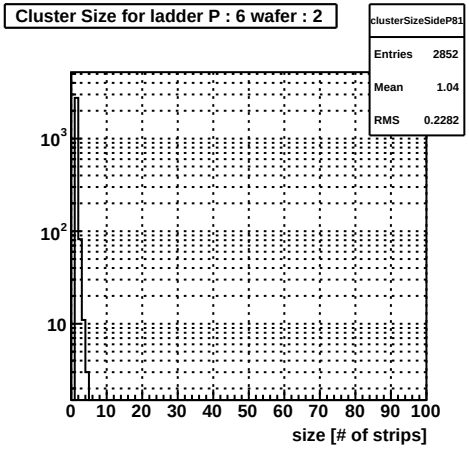

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10152
Mean 1.037
RMS 0.2363
size [# of strips]

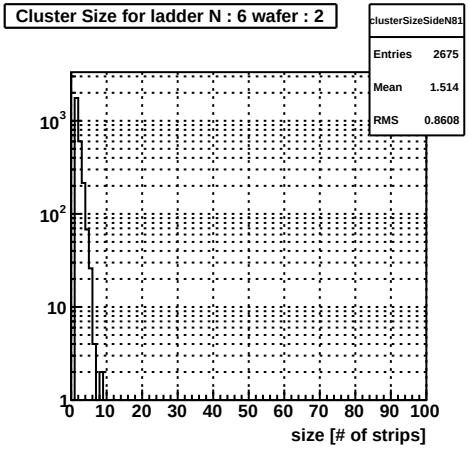

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2778
Mean 2.275
RMS 2.206
size [# of strips]

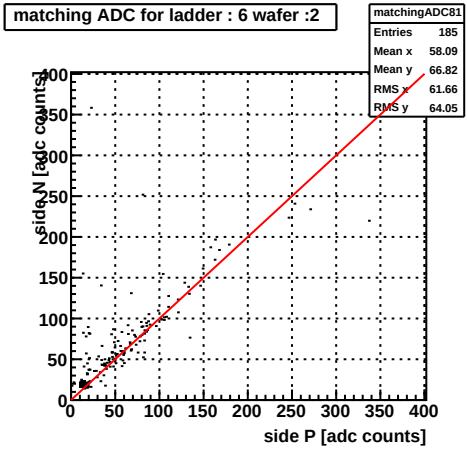

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 339
Mean x 79.21
Mean y 60.24
RMS x 68.6
RMS y 49.89
side N [adc counts]
side P [adc counts]

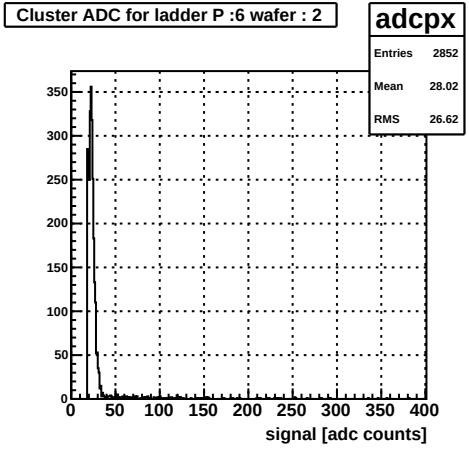

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10152
Mean 26.79
RMS 23.25
signal [adc counts]

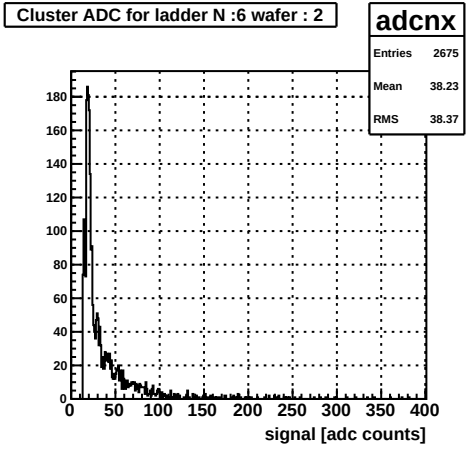

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2778
Mean 58.48
RMS 60.6
signal [adc counts]

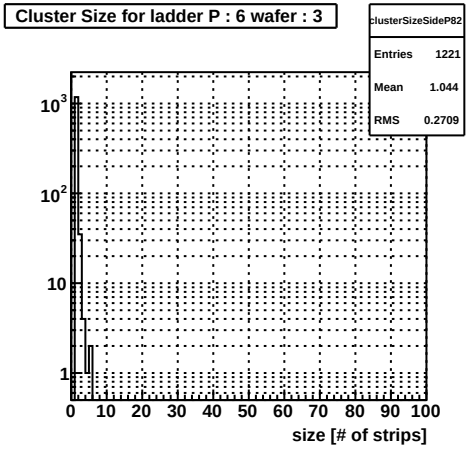

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2852
Mean 1.04
RMS 0.2282
size [# of strips]

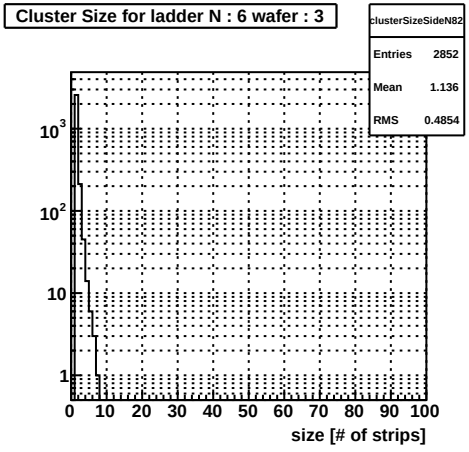

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2675
Mean 1.514
RMS 0.8608
size [# of strips]

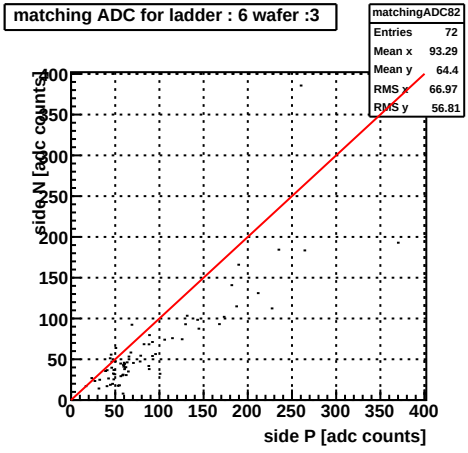

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 185
Mean x 58.09
Mean y 66.82
RMS x 61.66
RMS y 64.05
side N [adc counts]
side P [adc counts]

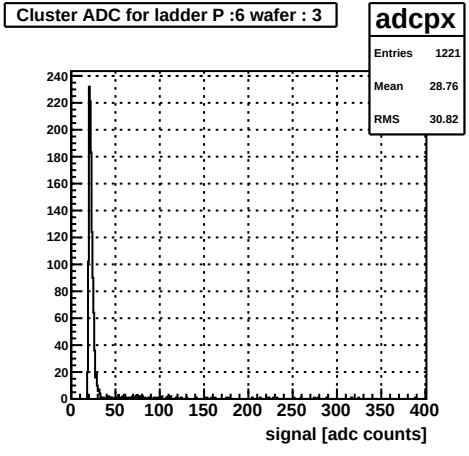

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2852
Mean 28.02
RMS 26.62
signal [adc counts]

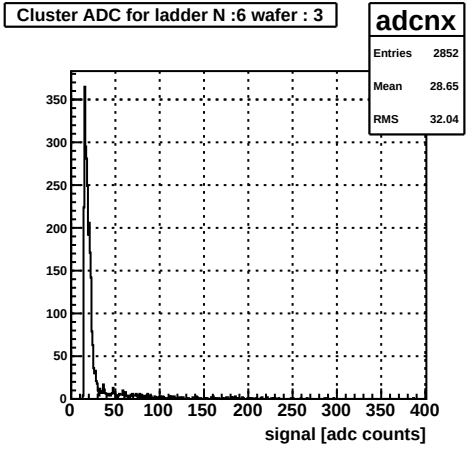

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2675
Mean 38.23
RMS 38.37
signal [adc counts]

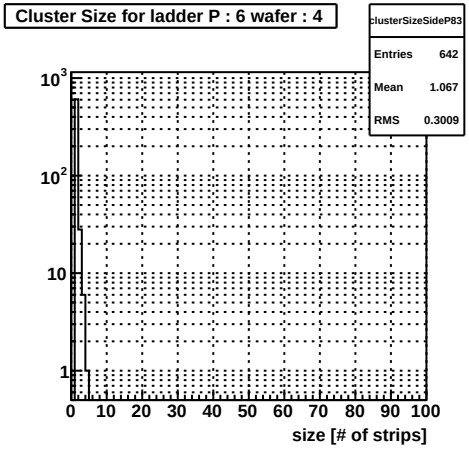

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1221
Mean 1.044
RMS 0.2709
size [# of strips]

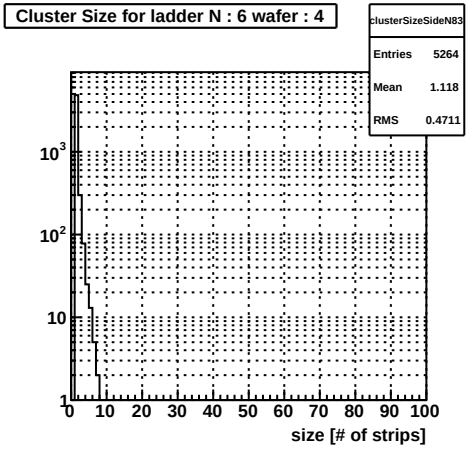

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2852
Mean 1.136
RMS 0.4854
size [# of strips]

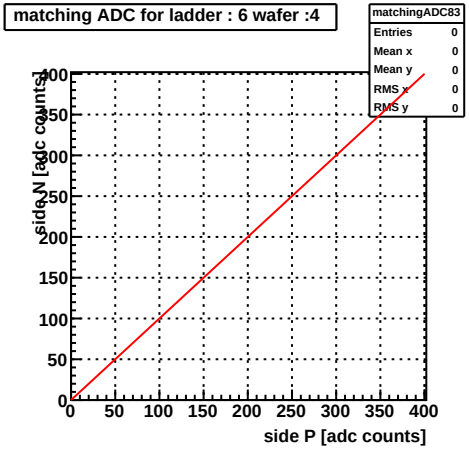

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 72
Mean x 93.29
Mean y 64.4
RMS x 66.97
RMS y 56.81
side N [adc counts]
side P [adc counts]

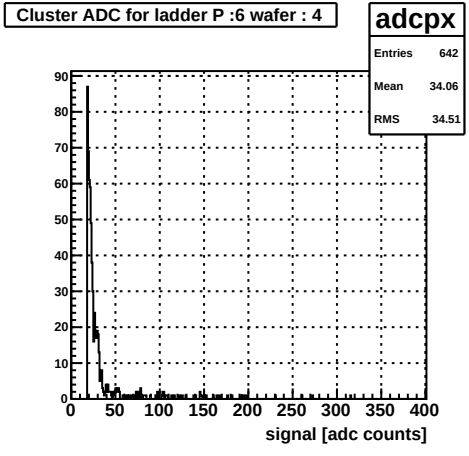

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1221
Mean 28.76
RMS 30.82
signal [adc counts]

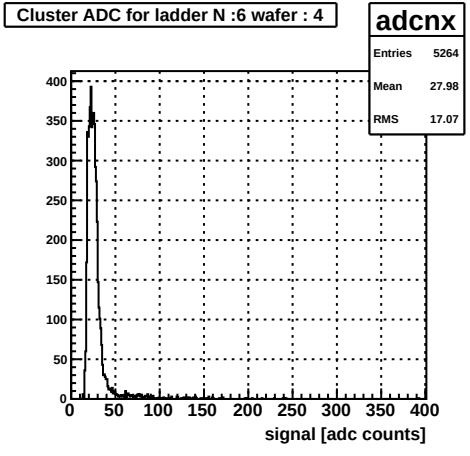

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2852
Mean 28.65
RMS 32.04
signal [adc counts]

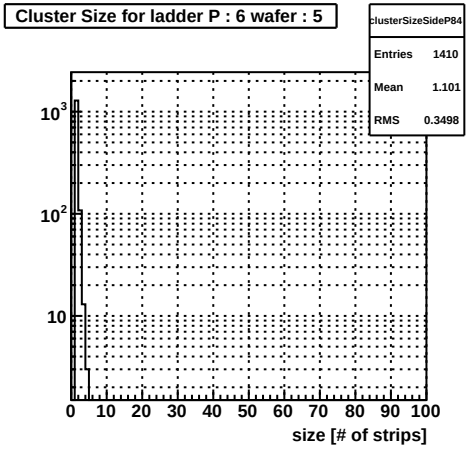

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 642
Mean 1.067
RMS 0.3009
size [# of strips]

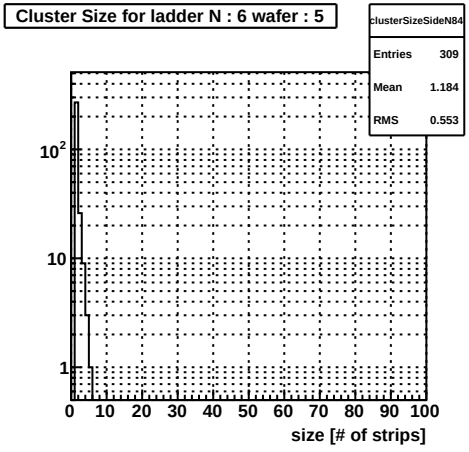

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5264
Mean 1.118
RMS 0.4711
size [# of strips]

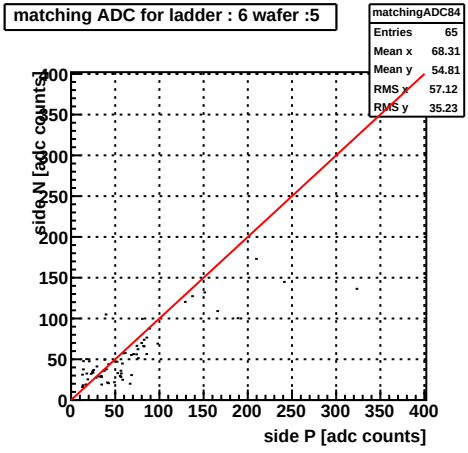

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

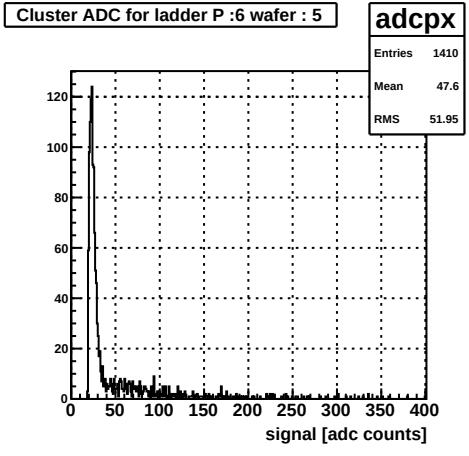

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 642
Mean 34.06
RMS 34.51
signal [adc counts]

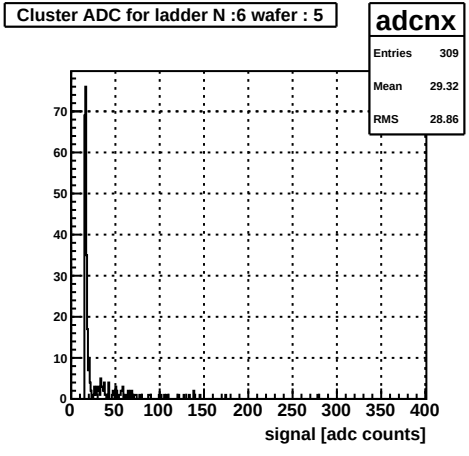

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5264
Mean 27.98
RMS 17.07
signal [adc counts]

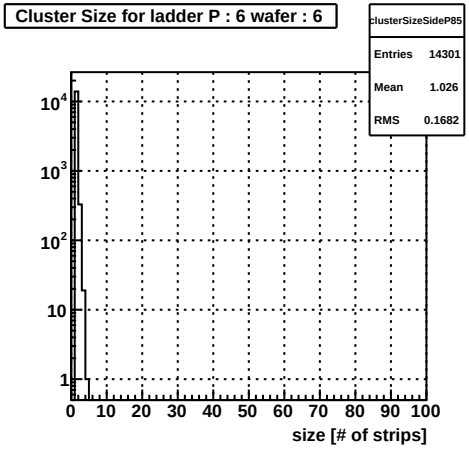

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1410
Mean 1.101
RMS 0.3498
size [# of strips]

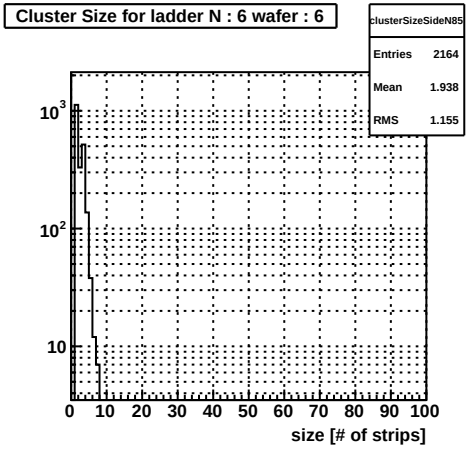

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 309
Mean 1.184
RMS 0.553
size [# of strips]

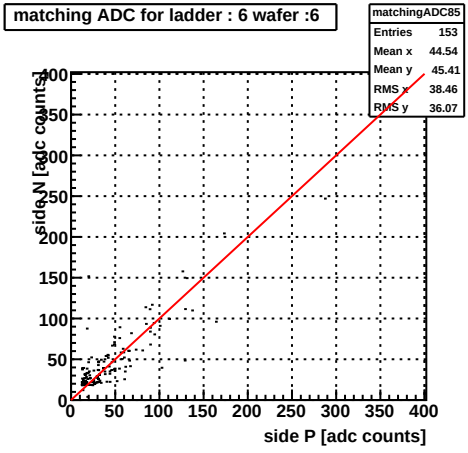

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 65
Mean x 68.31
Mean y 54.81
RMS x 57.12
RMS y 35.23
side N [adc counts]
side P [adc counts]

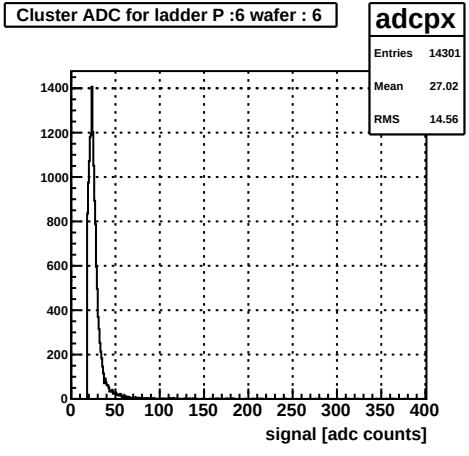

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1410
Mean 47.6
RMS 51.95
signal [adc counts]

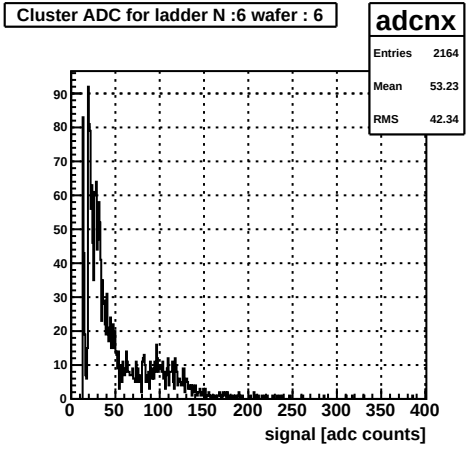

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 309
Mean 29.32
RMS 28.86
signal [adc counts]

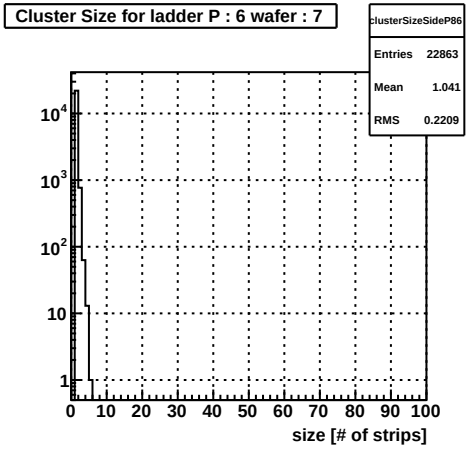

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 14301
Mean 1.026
RMS 0.1682
size [# of strips]

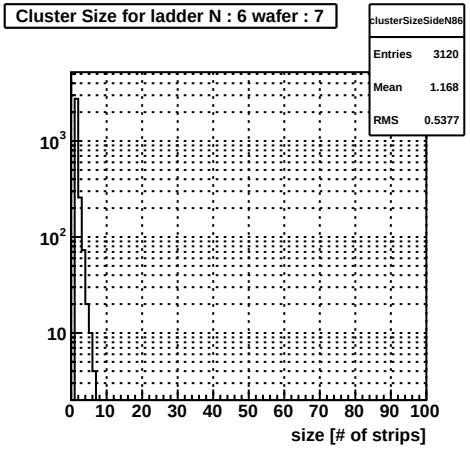

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2164
Mean 1.938
RMS 1.155
size [# of strips]

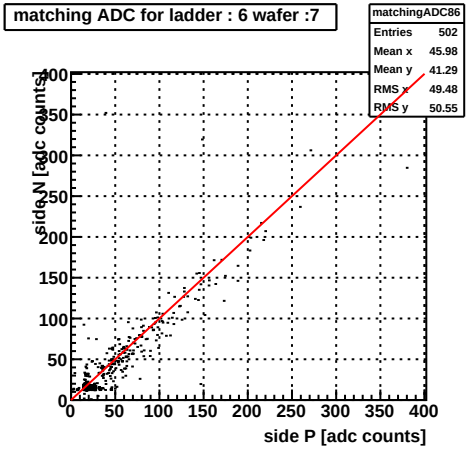

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 153
Mean x 44.54
Mean y 45.41
RMS x 38.46
RMS y 36.07
side N [adc counts]
side P [adc counts]

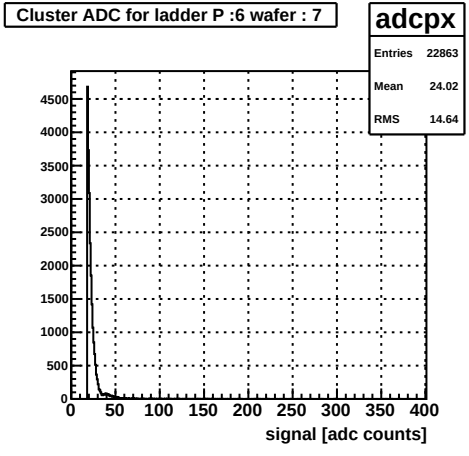

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 14301
Mean 27.02
RMS 14.56
signal [adc counts]

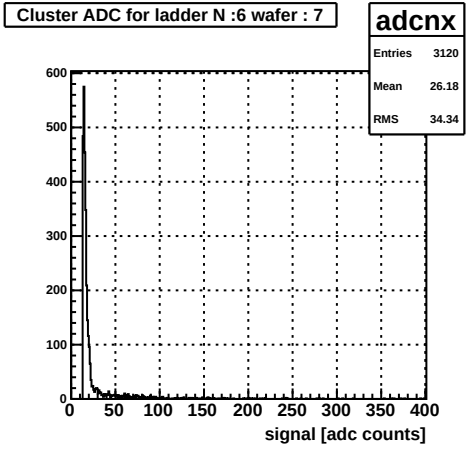

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2164
Mean 53.23
RMS 42.34
signal [adc counts]

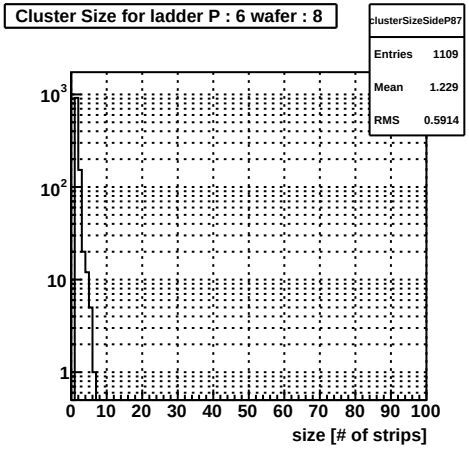

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 22863
Mean 1.041
RMS 0.2209
size [# of strips]

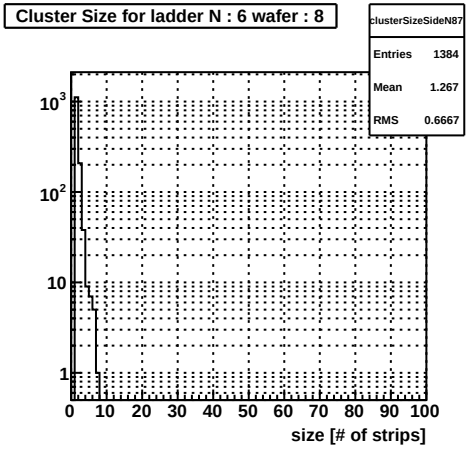

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3120
Mean 1.168
RMS 0.5377
size [# of strips]

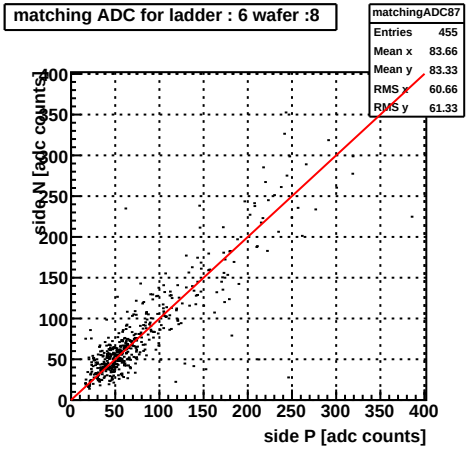

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 502
Mean x 45.98
Mean y 41.29
RMS x 49.48
RMS y 50.55
side N [adc counts]
side P [adc counts]

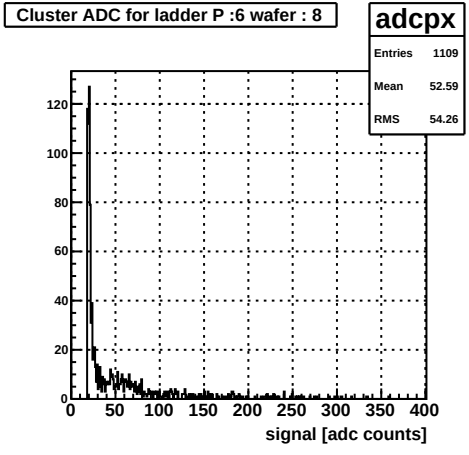

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 22863
Mean 24.02
RMS 14.64
signal [adc counts]

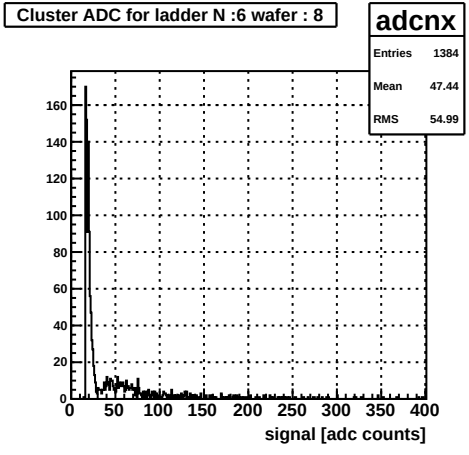

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3120
Mean 26.18
RMS 34.34
signal [adc counts]

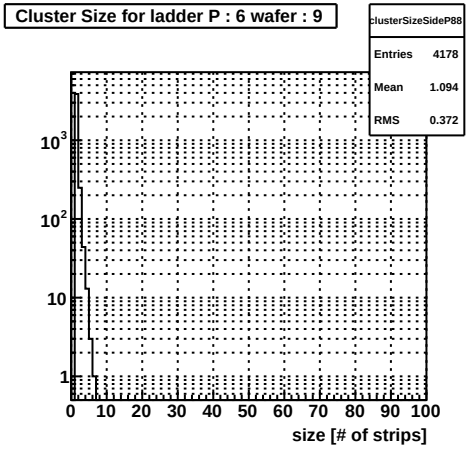

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1109
Mean 1.229
RMS 0.5914
size [# of strips]

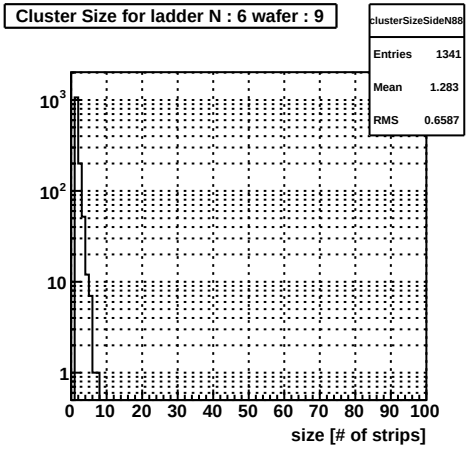

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1384
Mean 1.267
RMS 0.6667
size [# of strips]

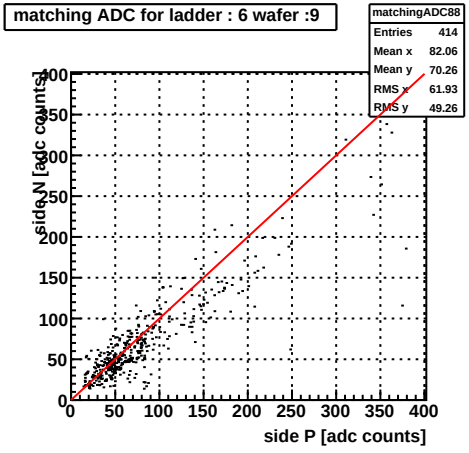

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 455
Mean x 83.66
Mean y 83.33
RMS x 60.66
RMS y 61.33
side N [adc counts]
side P [adc counts]

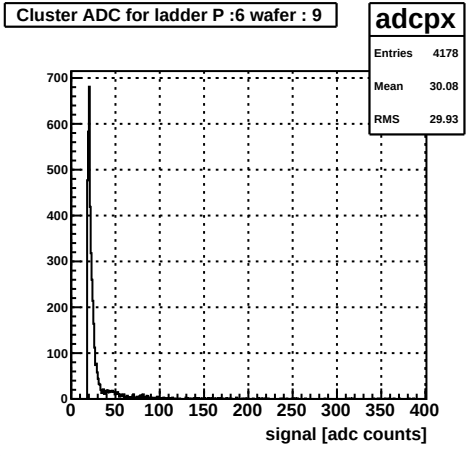

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1109
Mean 52.59
RMS 54.26
signal [adc counts]

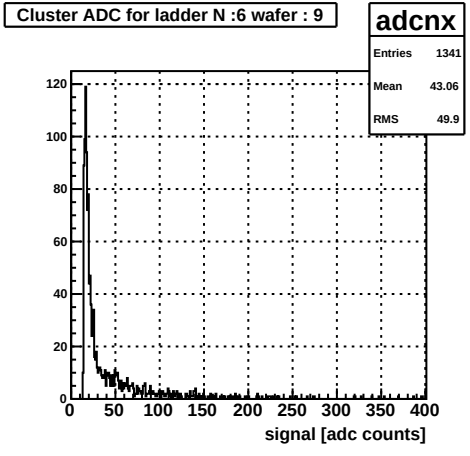

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1384
Mean 47.44
RMS 54.99
signal [adc counts]

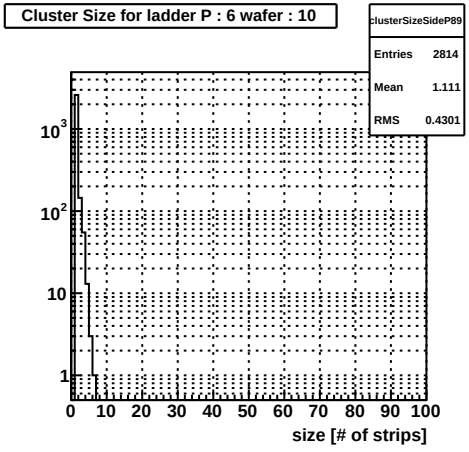

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4178
Mean 1.094
RMS 0.372
size [# of strips]

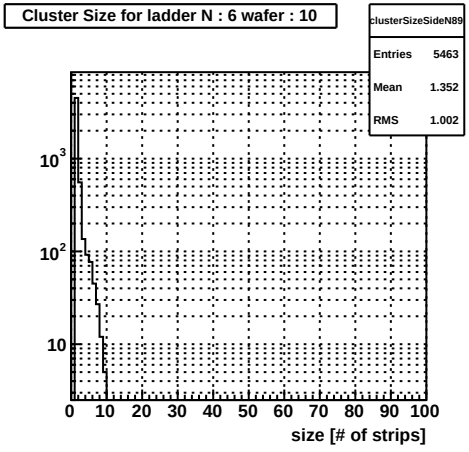

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1341
Mean 1.283
RMS 0.6587
size [# of strips]

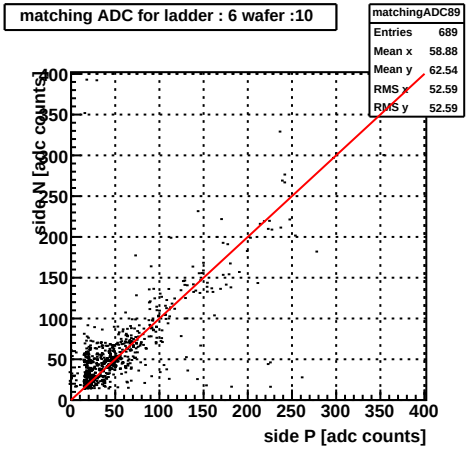

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 414
Mean x 82.06
Mean y 70.26
RMS x 61.93
RMS y 49.26
side N [adc counts]
side P [adc counts]

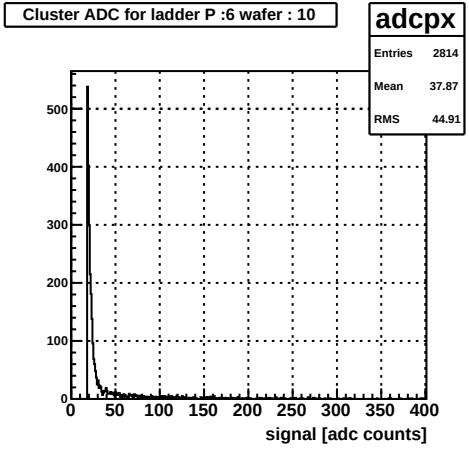

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4178
Mean 30.08
RMS 29.93
signal [adc counts]

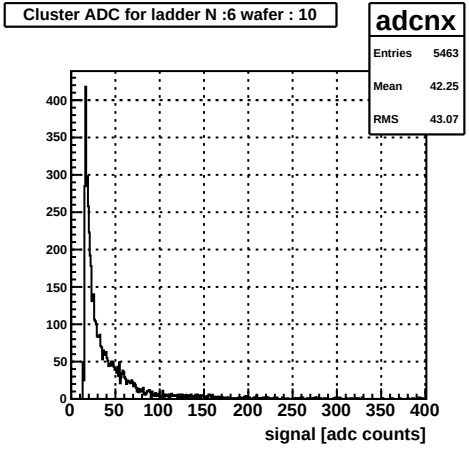

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1341
Mean 43.06
RMS 49.9
signal [adc counts]

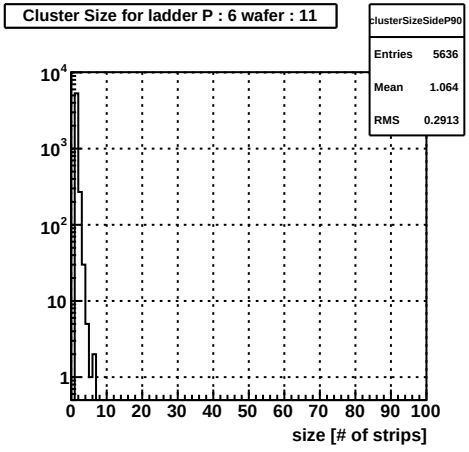

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2814
Mean 1.111
RMS 0.4301
size [# of strips]

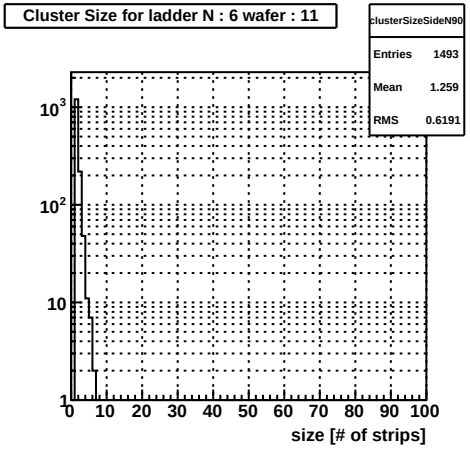

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5463
Mean 1.352
RMS 1.002
size [# of strips]

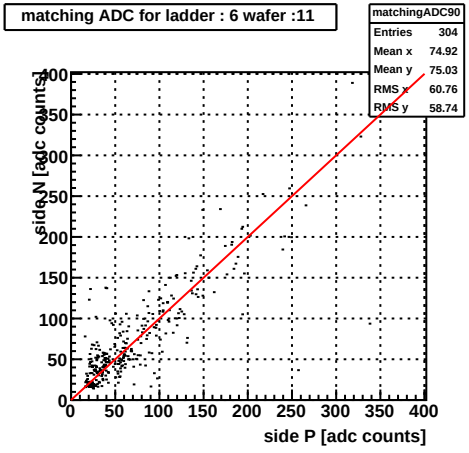

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 689
Mean x 58.88
Mean y 62.54
RMS x 52.59
RMS y 52.59
side N [adc counts]
side P [adc counts]

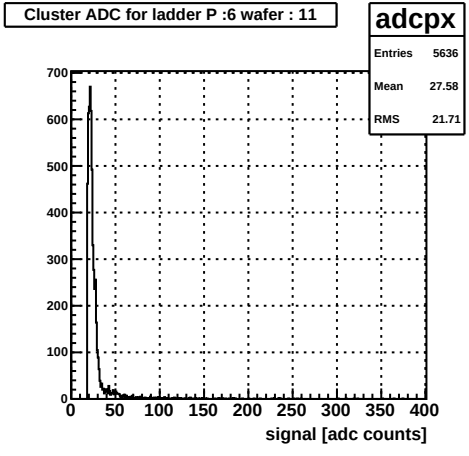

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2814
Mean 37.87
RMS 44.91
signal [adc counts]

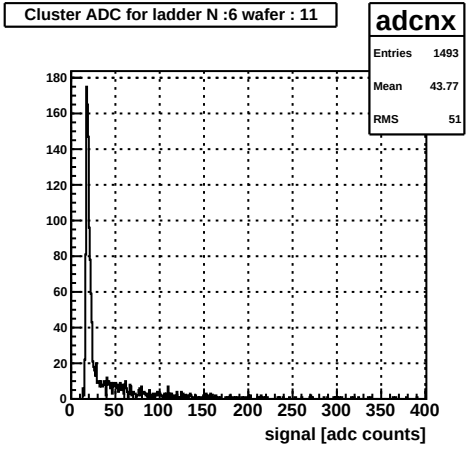

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5463
Mean 42.25
RMS 43.07
signal [adc counts]

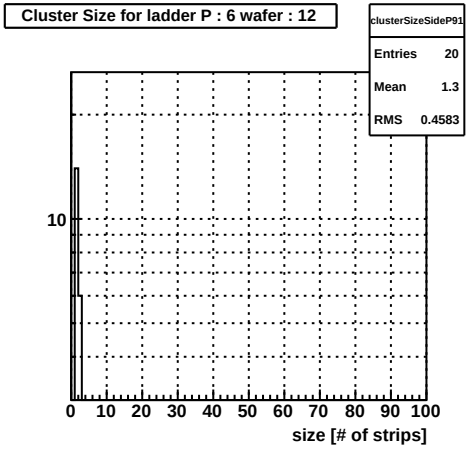

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5636
Mean 1.064
RMS 0.2913
size [# of strips]

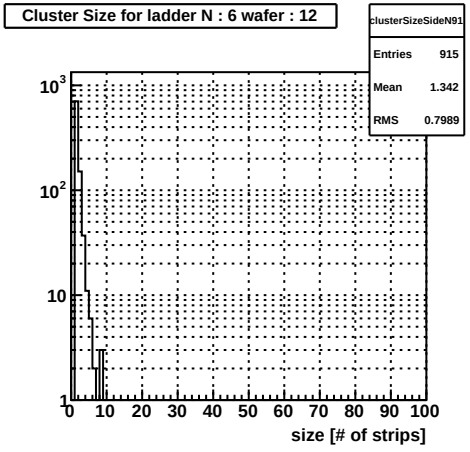

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1493
Mean 1.259
RMS 0.6191
size [# of strips]

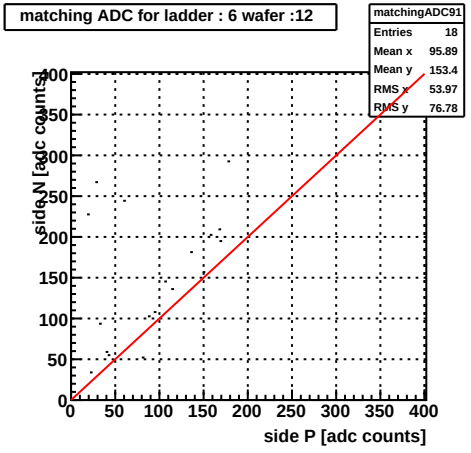

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 304
Mean x 74.92
Mean y 75.03
RMS x 60.76
RMS y 58.74
side N [adc counts]
side P [adc counts]

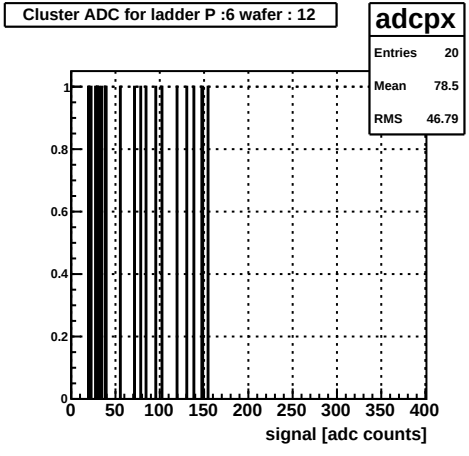

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5636
Mean 27.58
RMS 21.71
signal [adc counts]

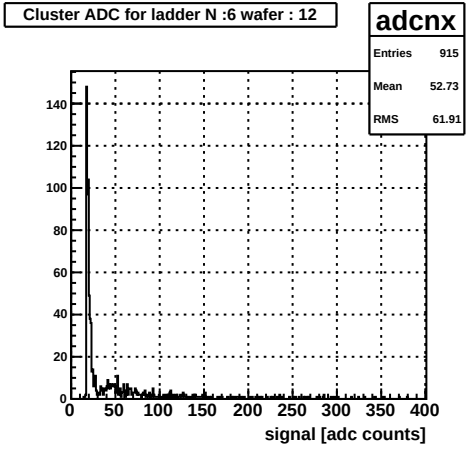

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1493
Mean 43.77
RMS 51
signal [adc counts]

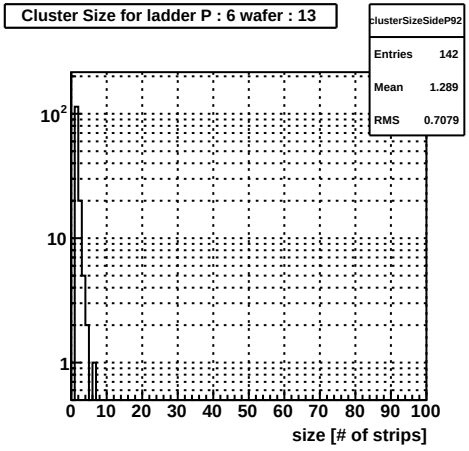

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 20
Mean 1.3
RMS 0.4583
size [# of strips]

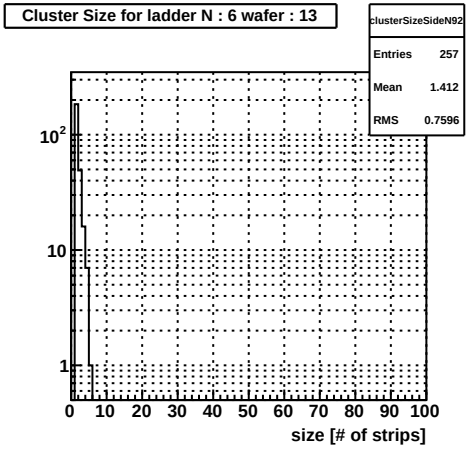

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 915
Mean 1.342
RMS 0.7989
size [# of strips]

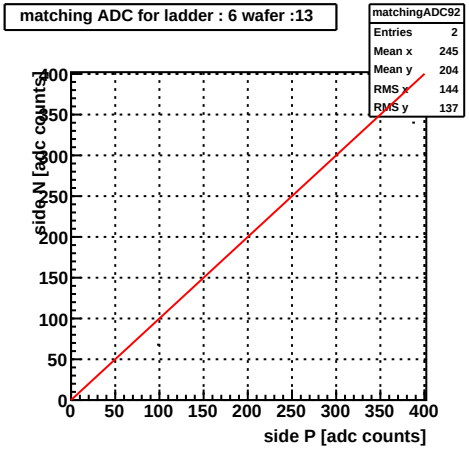

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 18
Mean x 95.89
Mean y 153.4
RMS x 53.97
RMS y 76.78
side N [adc counts]
side P [adc counts]

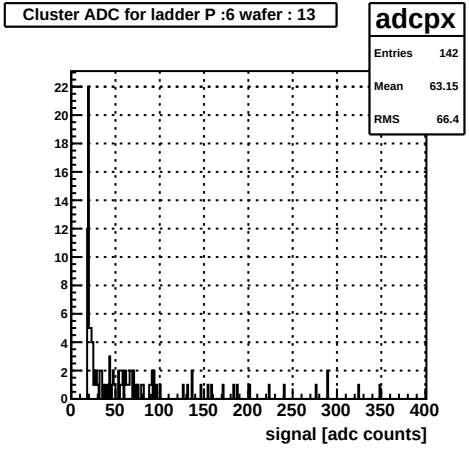

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 20
Mean 78.5
RMS 46.79
signal [adc counts]

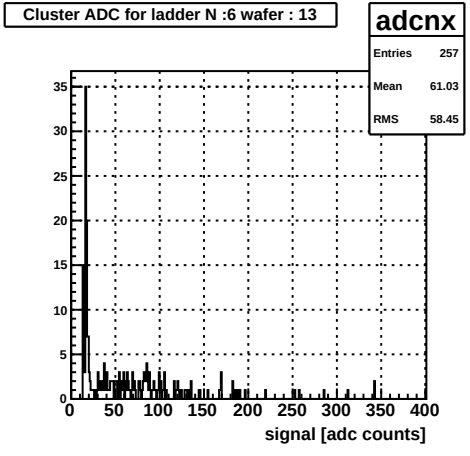

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 915
Mean 52.73
RMS 61.91
signal [adc counts]

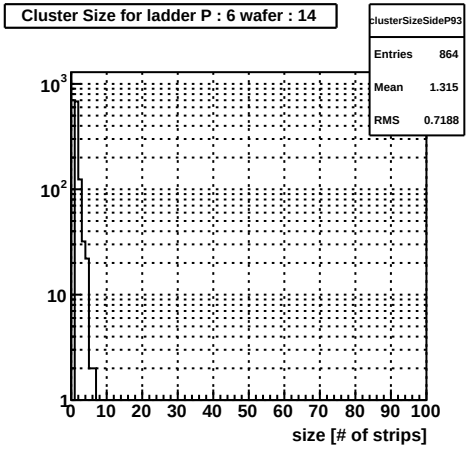

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 142
Mean 1.289
RMS 0.7079
size [# of strips]

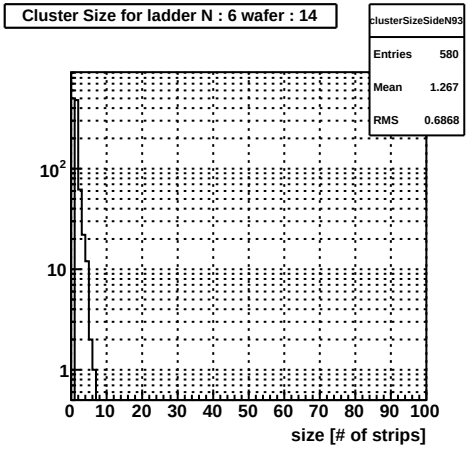

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 257
Mean 1.412
RMS 0.7596
size [# of strips]

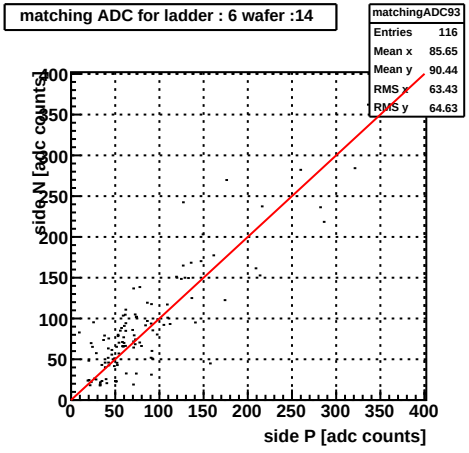

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 245
Mean y 204
RMS x 144
RMS y 137
side N [adc counts]
side P [adc counts]

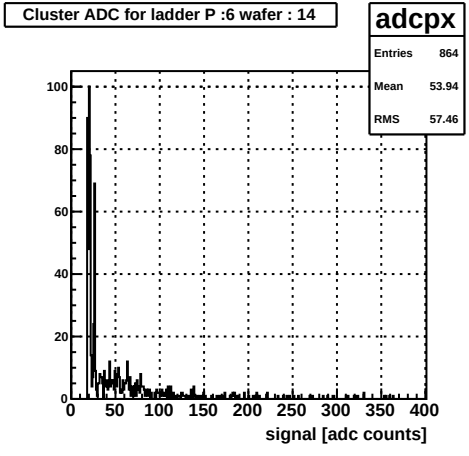

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 142
Mean 63.15
RMS 66.4
signal [adc counts]

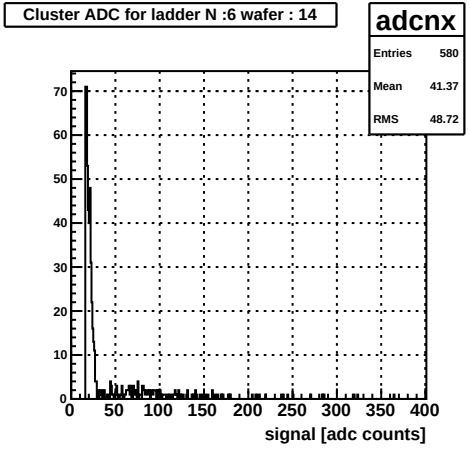

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 257
Mean 61.03
RMS 58.45
signal [adc counts]

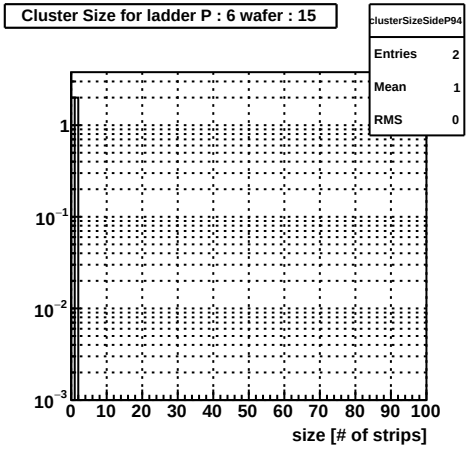

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 864
Mean 1.315
RMS 0.7188
size [# of strips]

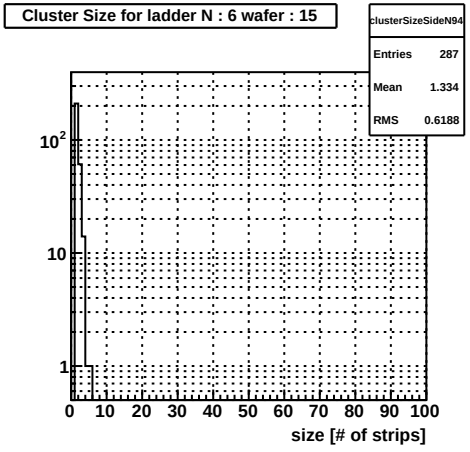

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 580
Mean 1.267
RMS 0.6868
size [# of strips]

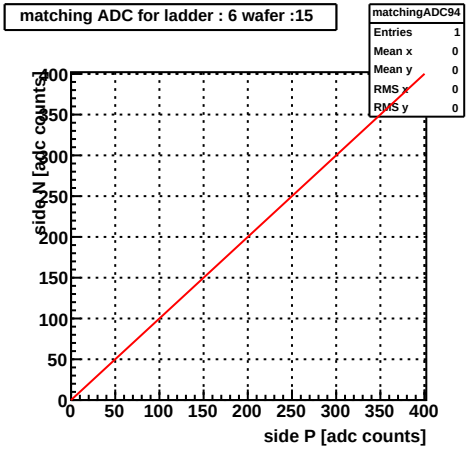

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 116
Mean x 85.65
Mean y 90.44
RMS x 63.43
RMS y 64.63
side N [adc counts]
side P [adc counts]

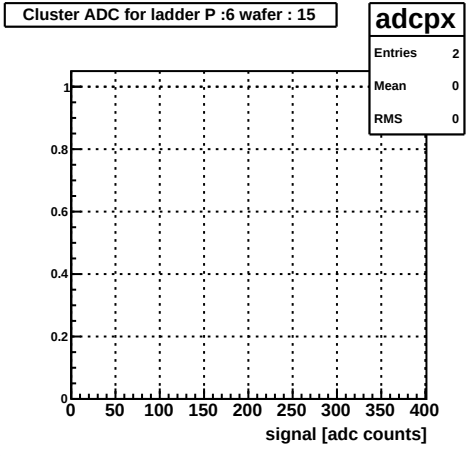

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 864
Mean 53.94
RMS 57.46
signal [adc counts]

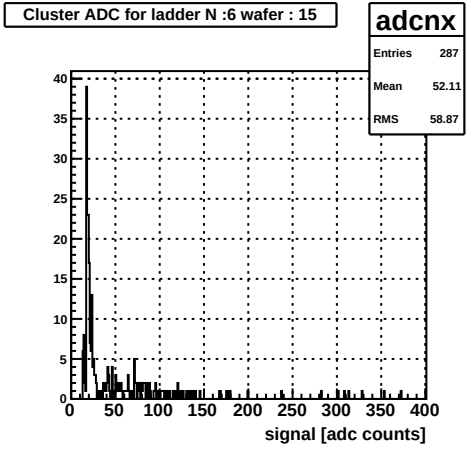

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 580
Mean 41.37
RMS 48.72
signal [adc counts]

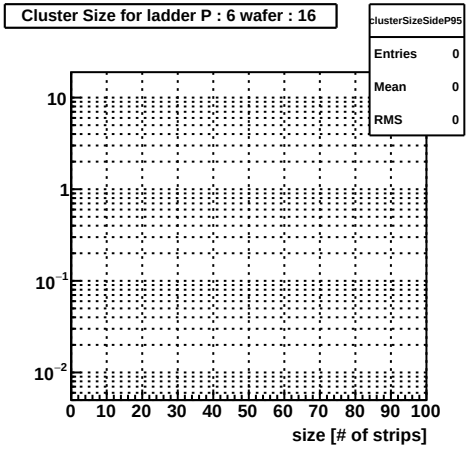

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

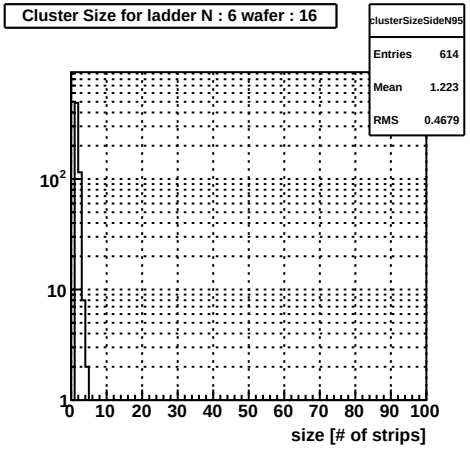

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 287
Mean 1.334
RMS 0.6188
size [# of strips]

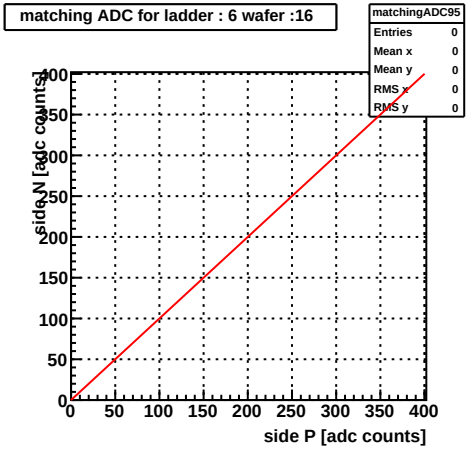

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

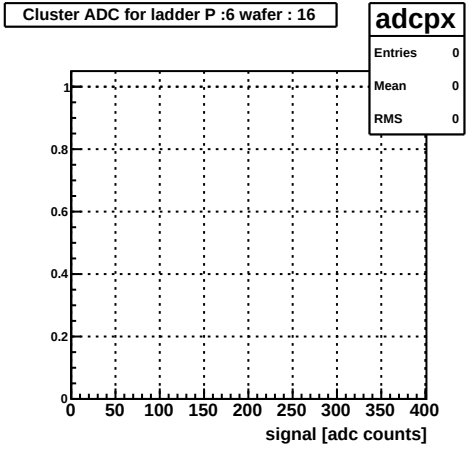

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

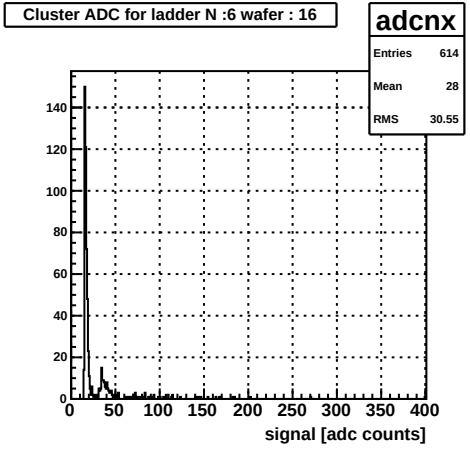

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 287
Mean 52.11
RMS 58.87
signal [adc counts]

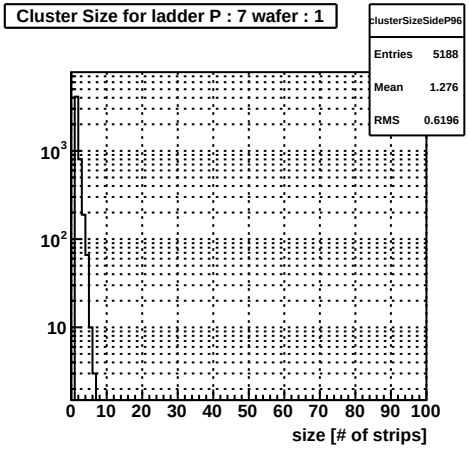

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

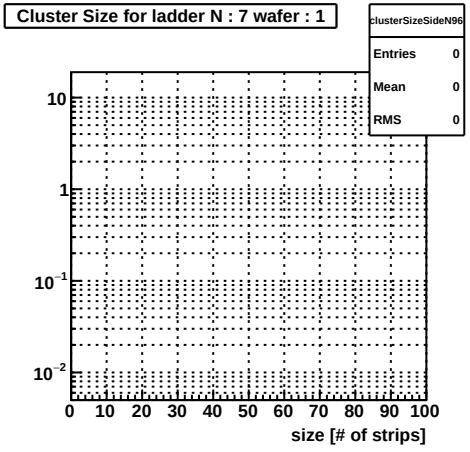

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 614
Mean 1.223
RMS 0.4679
size [# of strips]

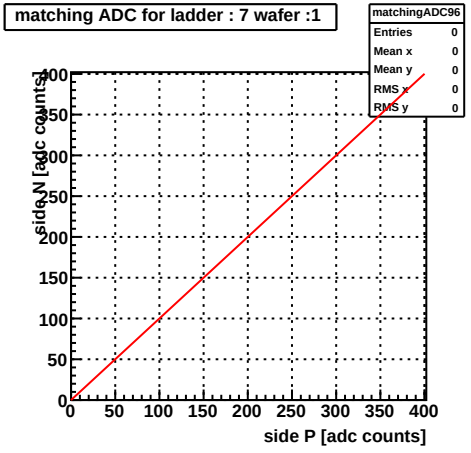

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

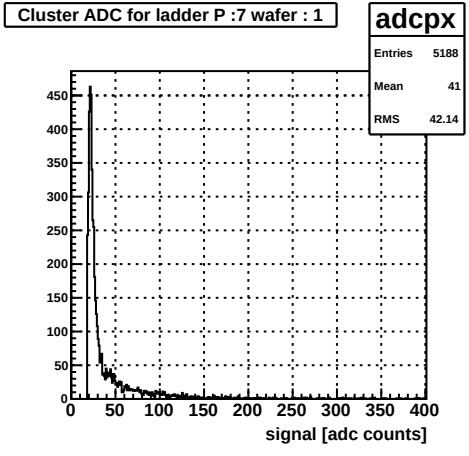

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

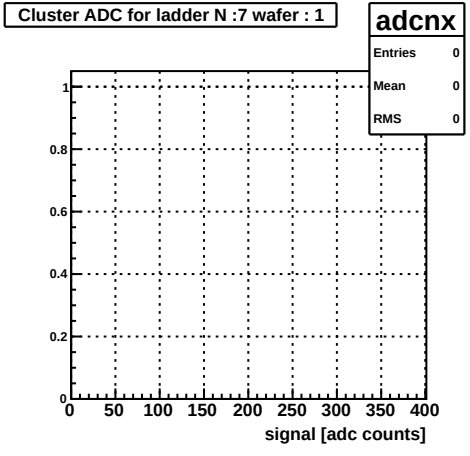

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 614
Mean 28
RMS 30.55
signal [adc counts]

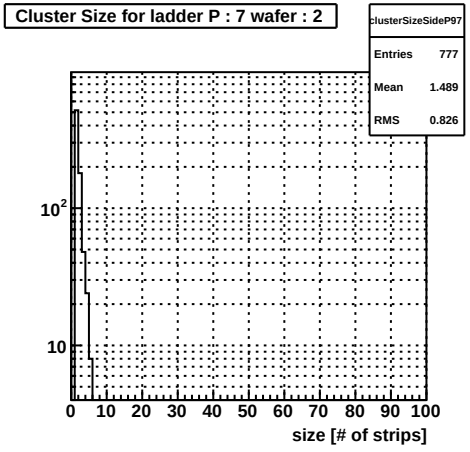

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5188
Mean 1.276
RMS 0.6196
size [# of strips]

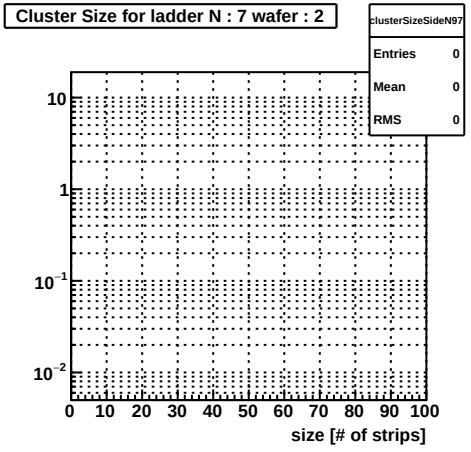

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

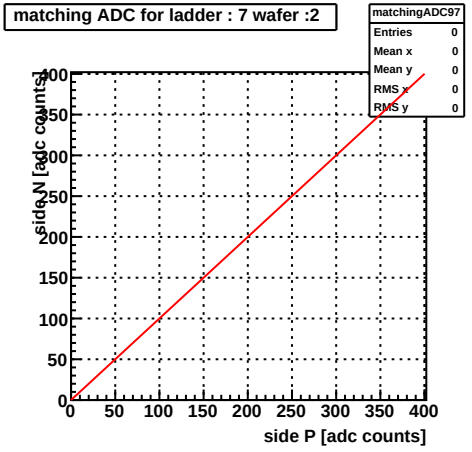

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

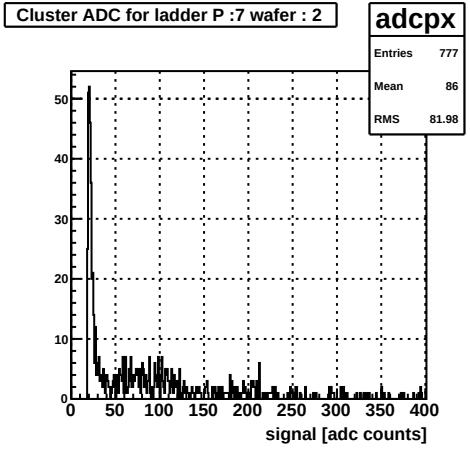

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5188
Mean 41
RMS 42.14
signal [adc counts]

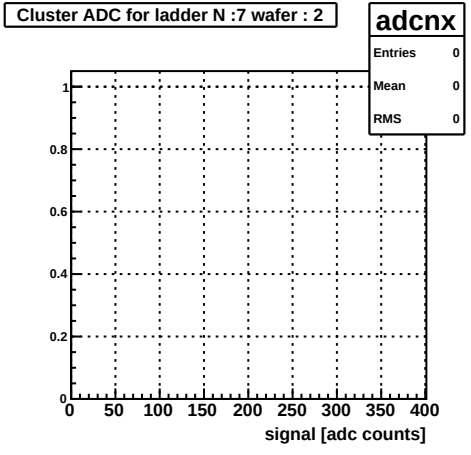

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

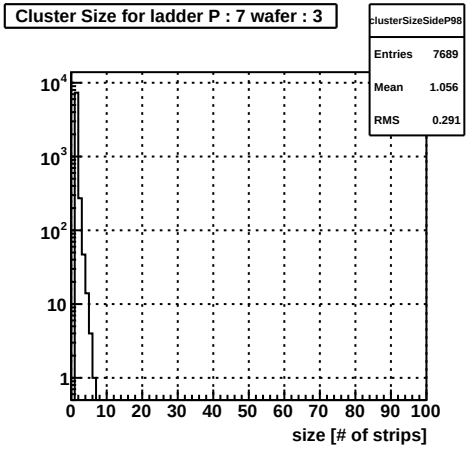

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 777
Mean 1.489
RMS 0.826
size [# of strips]

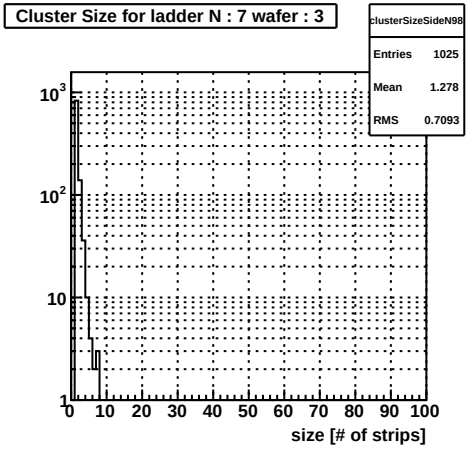

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

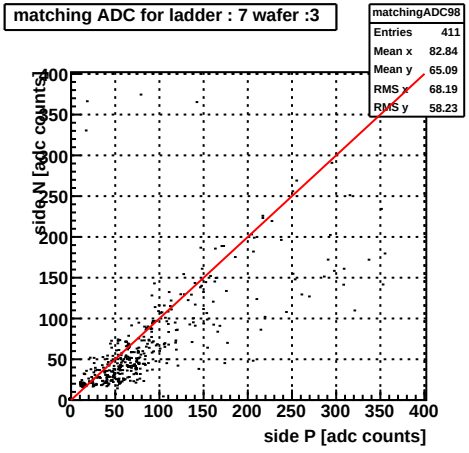

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

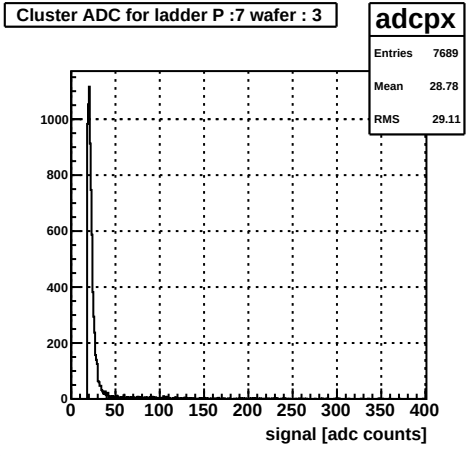

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 777
Mean 86
RMS 81.98
signal [adc counts]

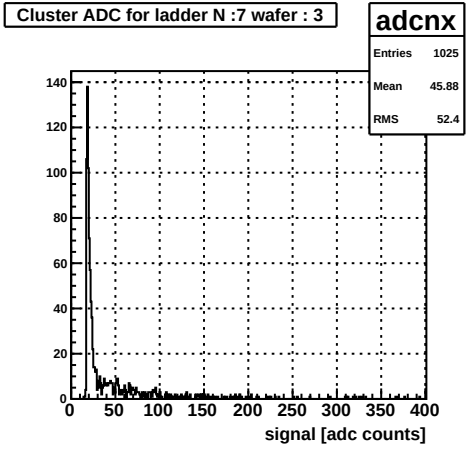

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

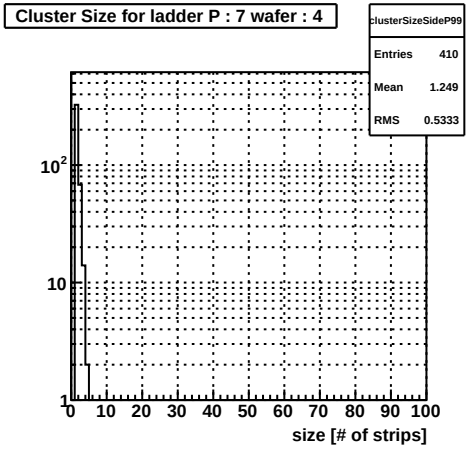

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7689
Mean 1.056
RMS 0.291
size [# of strips]

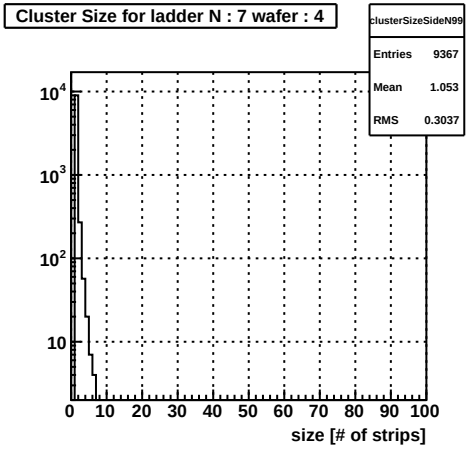

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1025
Mean 1.278
RMS 0.7093
size [# of strips]

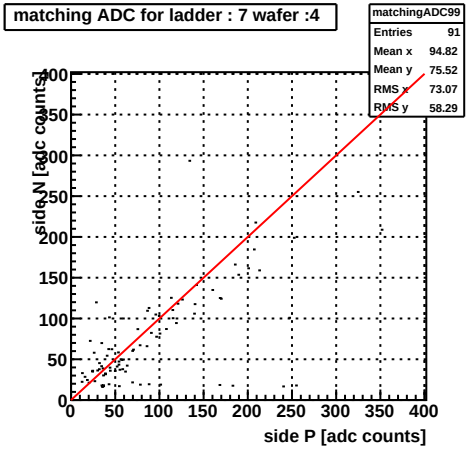

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 411
Mean x 82.84
Mean y 65.09
RMS x 68.19
RMS y 58.23
side N [adc counts]
side P [adc counts]

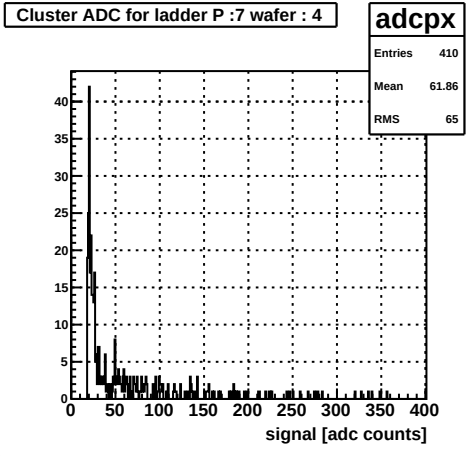

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7689
Mean 28.78
RMS 29.11
signal [adc counts]

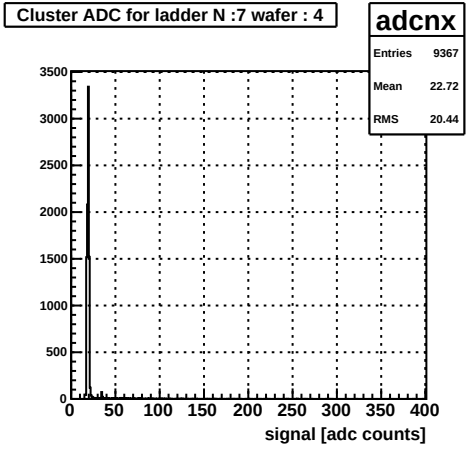

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1025
Mean 45.88
RMS 52.4
signal [adc counts]

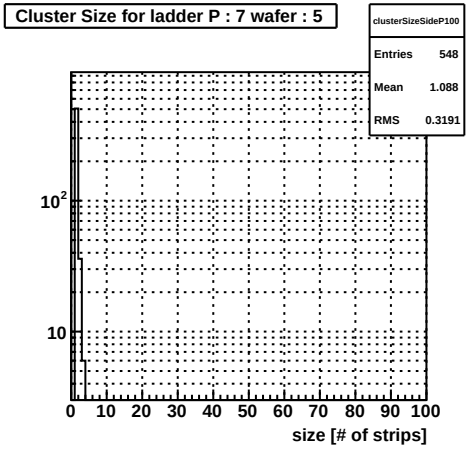

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 410
Mean 1.249
RMS 0.5333
size [# of strips]

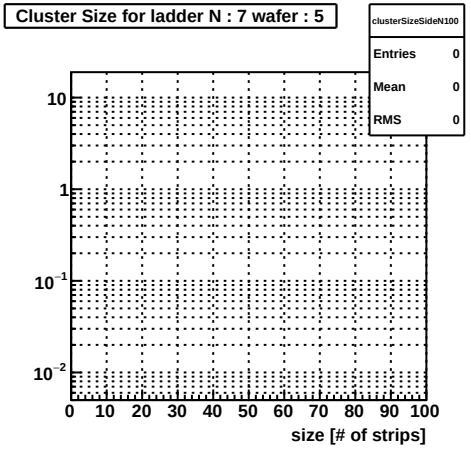

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9367
Mean 1.053
RMS 0.3037
size [# of strips]

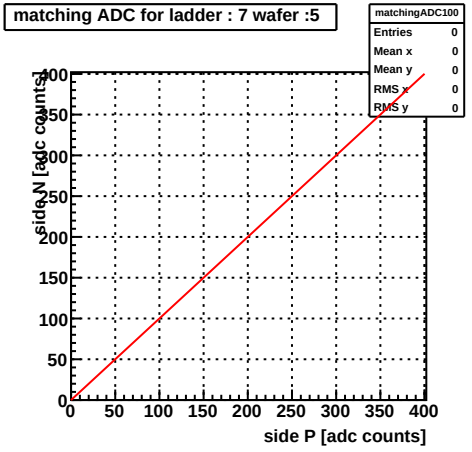

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 91
Mean x 94.82
Mean y 75.52
RMS x 73.07
RMS y 58.29
side N [adc counts]
side P [adc counts]

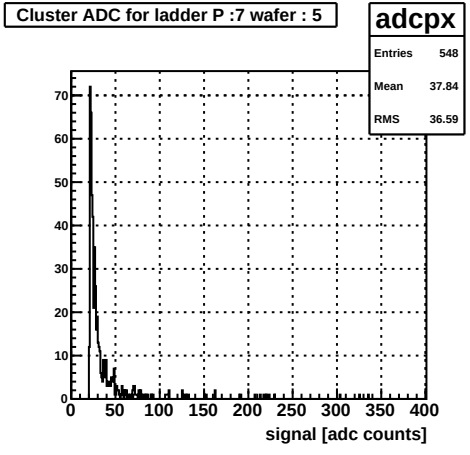

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 410
Mean 61.86
RMS 65
signal [adc counts]

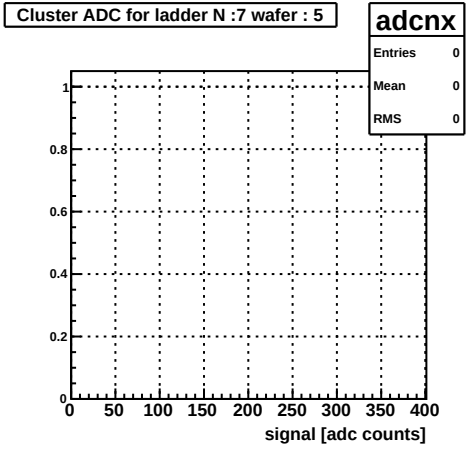

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9367
Mean 22.72
RMS 20.44
signal [adc counts]

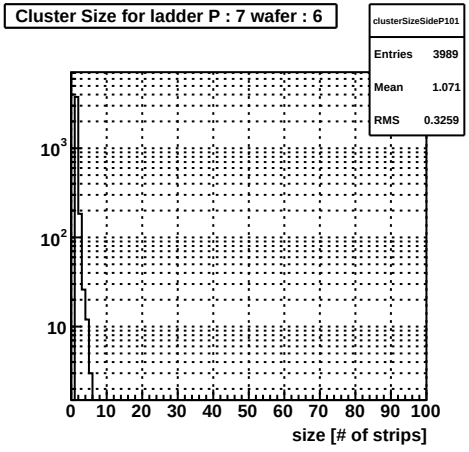

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 548
Mean 1.088
RMS 0.3191
size [# of strips]

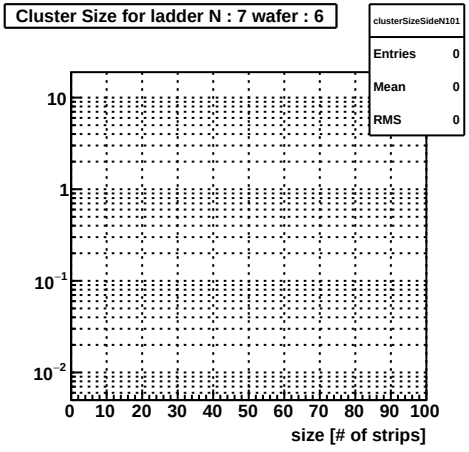

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

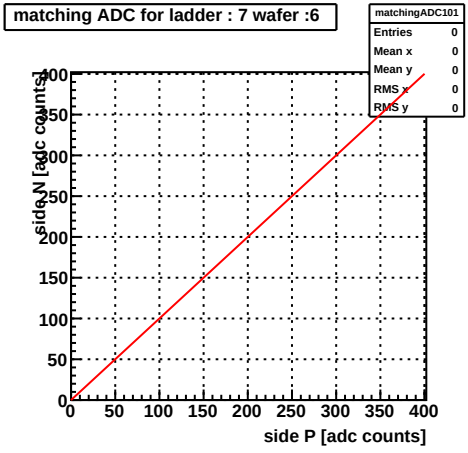

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

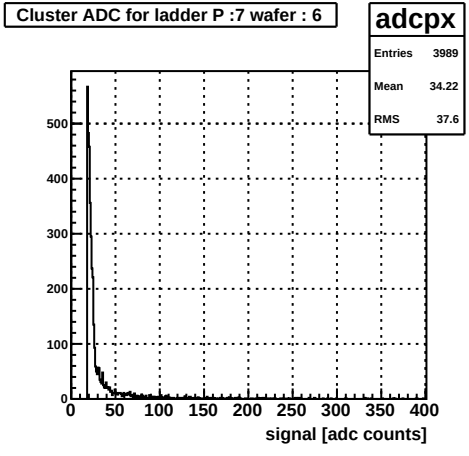

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 548
Mean 37.84
RMS 36.59
signal [adc counts]

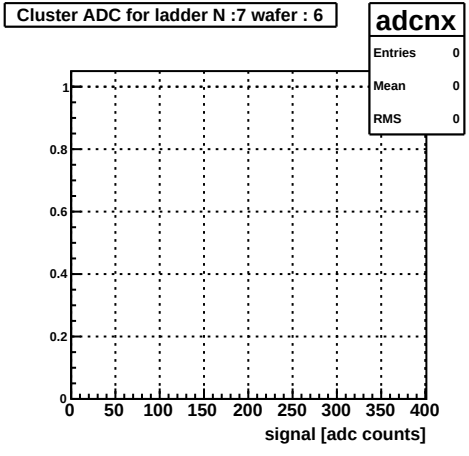

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

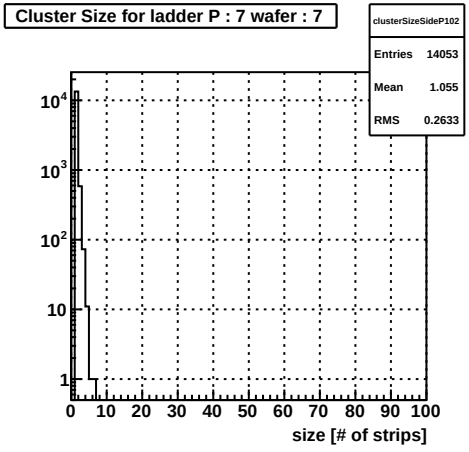

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3989
Mean 1.071
RMS 0.3259
size [# of strips]

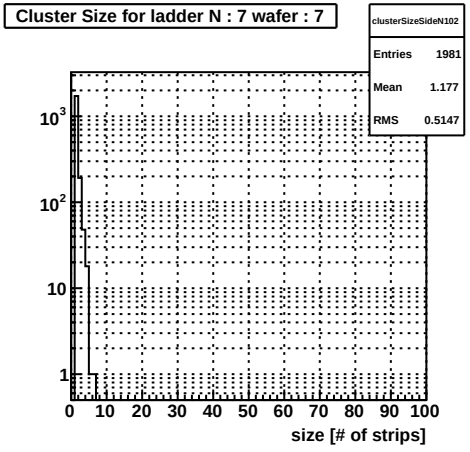

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

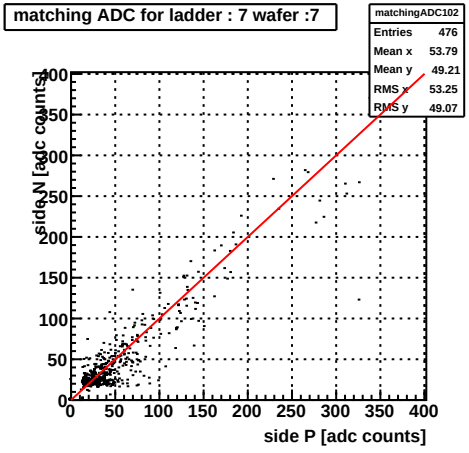

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

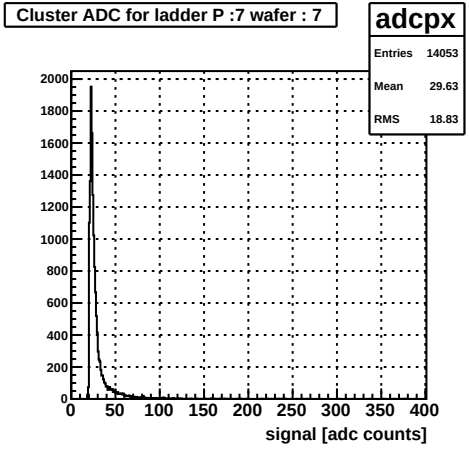

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3989
Mean 34.22
RMS 37.6
signal [adc counts]

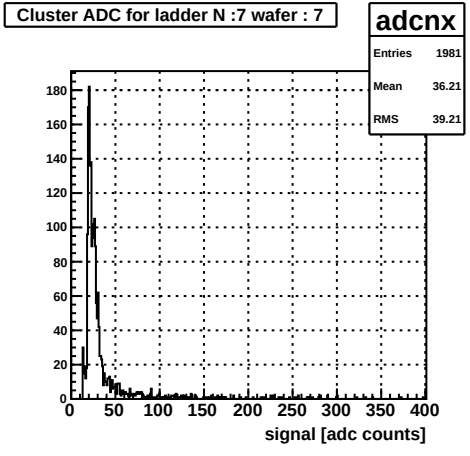

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

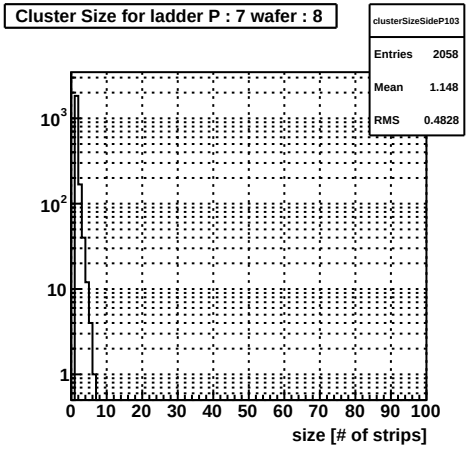

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14053
Mean 1.055
RMS 0.2633
size [# of strips]

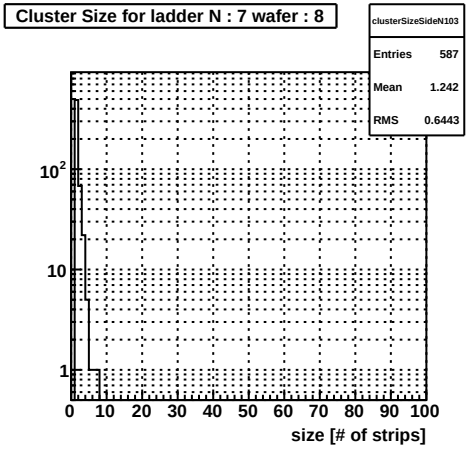

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1981
Mean 1.177
RMS 0.5147
size [# of strips]

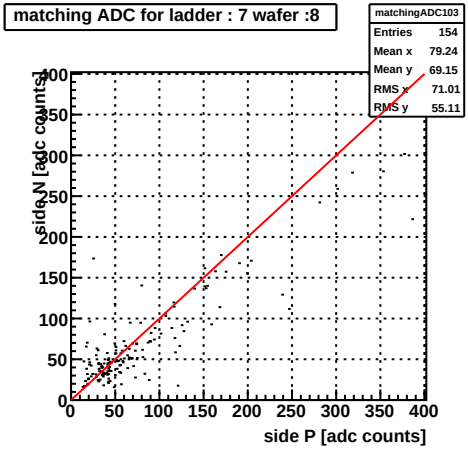

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 476
Mean x 53.79
Mean y 49.21
RMS x 53.25
RMS y 49.07
side N [adc counts]
side P [adc counts]

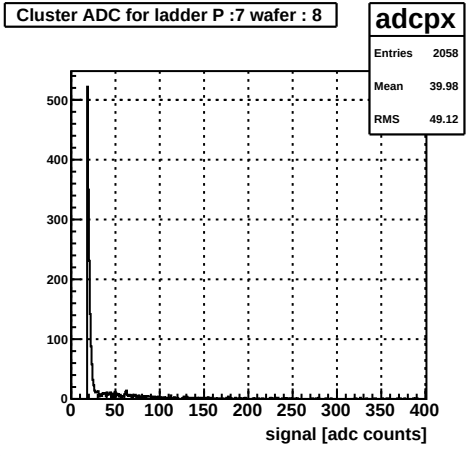

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14053
Mean 29.63
RMS 18.83
signal [adc counts]

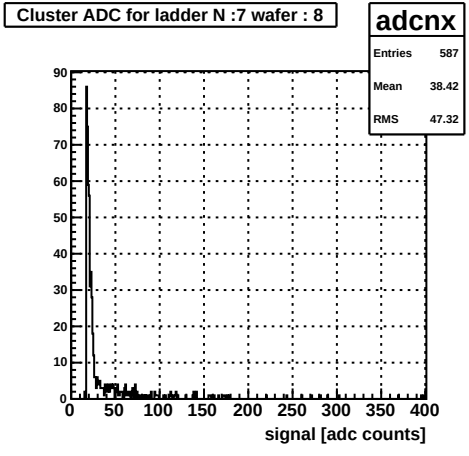

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1981
Mean 36.21
RMS 39.21
signal [adc counts]

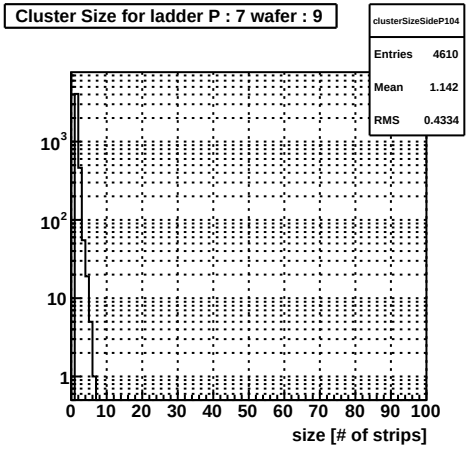

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2058
Mean 1.148
RMS 0.4828
size [# of strips]

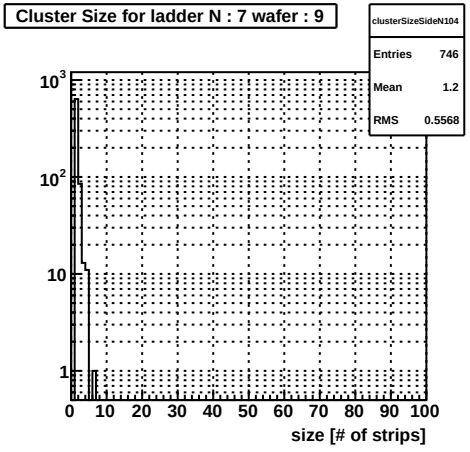

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 587
Mean 1.242
RMS 0.6443
size [# of strips]

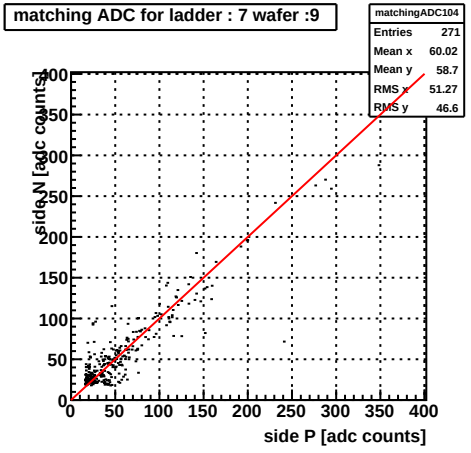

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 154
Mean x 79.24
Mean y 69.15
RMS x 71.01
RMS y 55.11
side N [adc counts]
side P [adc counts]

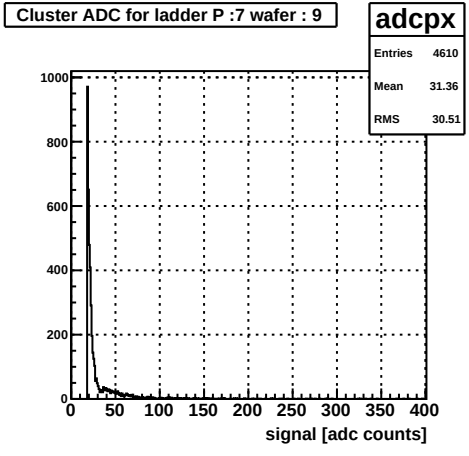

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2058
Mean 39.98
RMS 49.12
signal [adc counts]

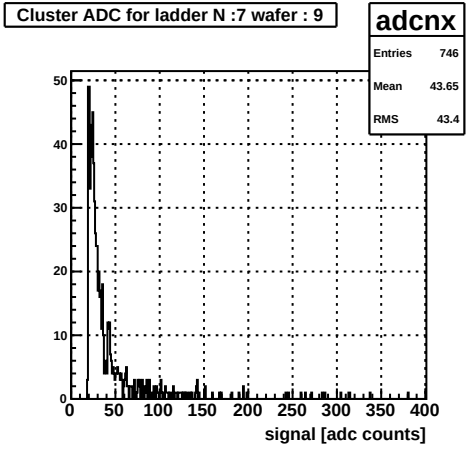

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 587
Mean 38.42
RMS 47.32
signal [adc counts]

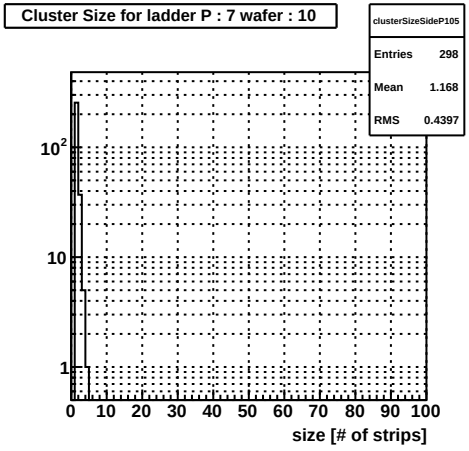

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4610
Mean 1.142
RMS 0.4334
size [# of strips]

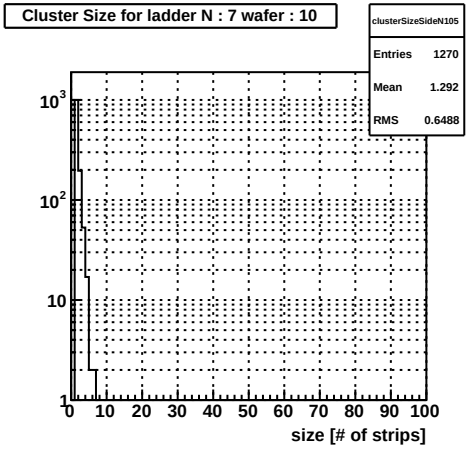

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 746
Mean 1.2
RMS 0.5568
size [# of strips]

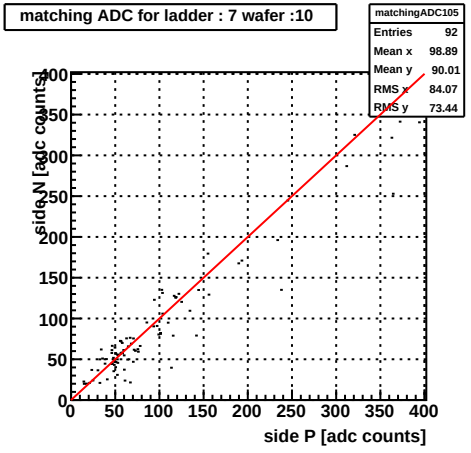

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 271
Mean x 60.02
Mean y 58.7
RMS x 51.27
RMS y 46.6
side N [adc counts]
side P [adc counts]

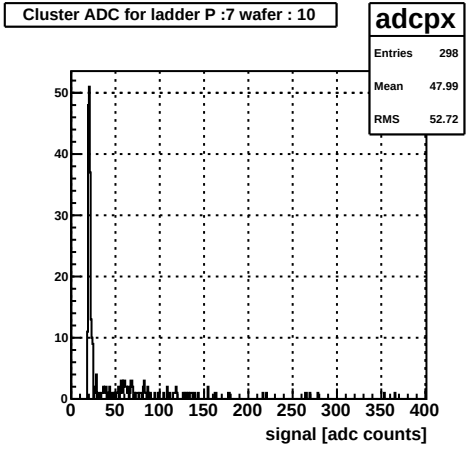

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4610
Mean 31.36
RMS 30.51
signal [adc counts]

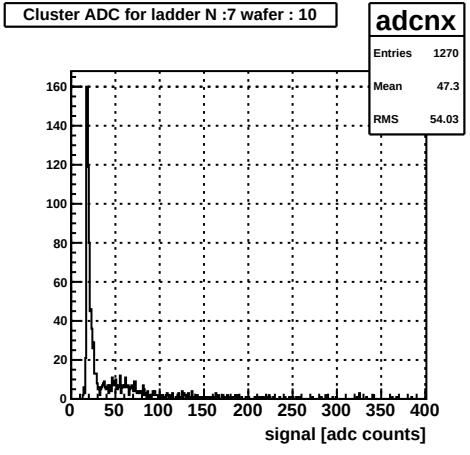

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 746
Mean 43.65
RMS 43.4
signal [adc counts]

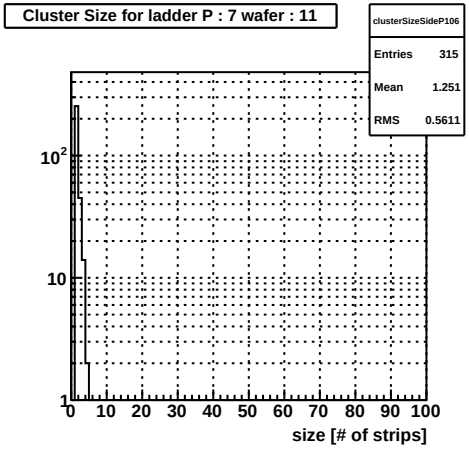

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 298
Mean 1.168
RMS 0.4397
size [# of strips]

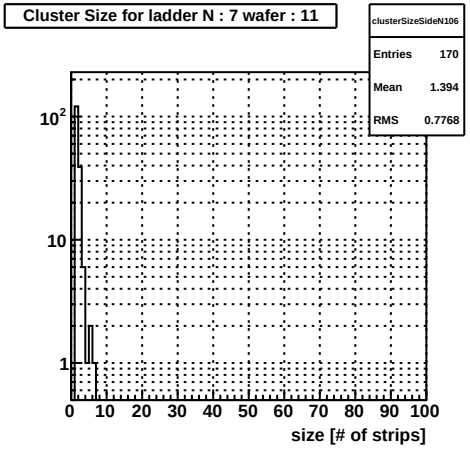

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1270
Mean 1.292
RMS 0.6488
size [# of strips]

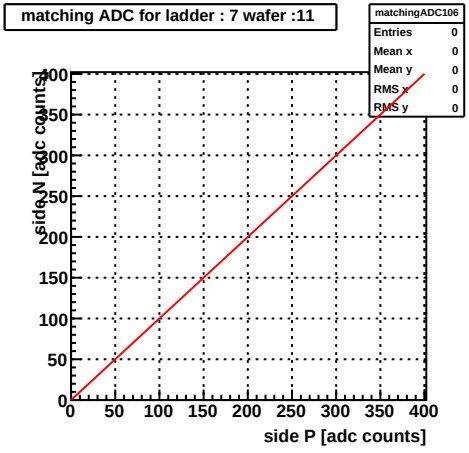

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 92
Mean x 98.89
Mean y 90.01
RMS x 84.07
RMS y 73.44
side N [adc counts]
side P [adc counts]

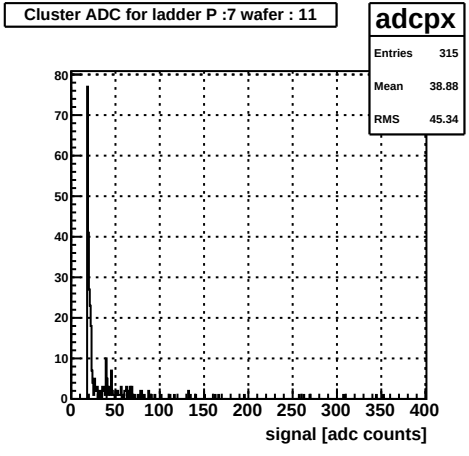

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 298
Mean 47.99
RMS 52.72
signal [adc counts]

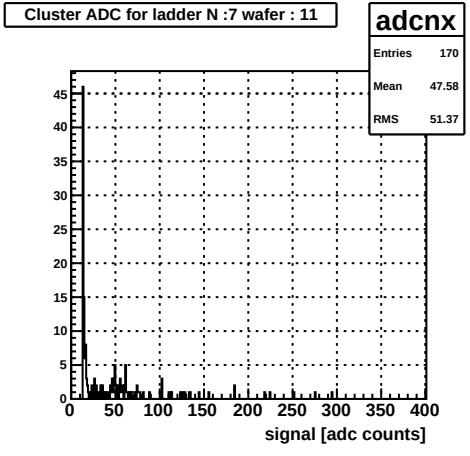

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1270
Mean 47.3
RMS 54.03
signal [adc counts]

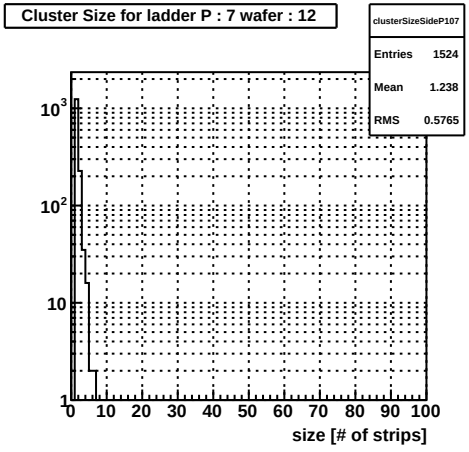

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 315
Mean 1.251
RMS 0.5611
size [# of strips]

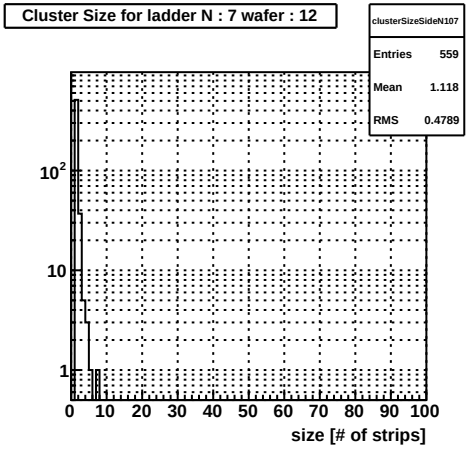

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 170
Mean 1.394
RMS 0.7768
size [# of strips]

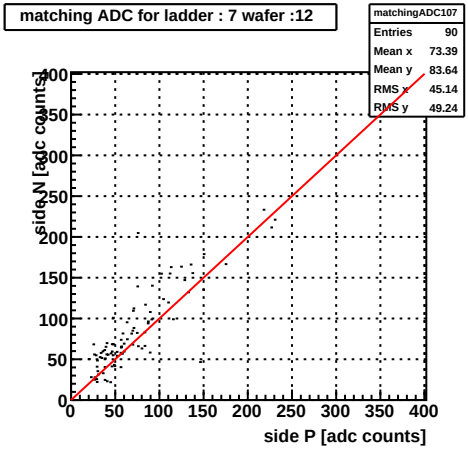

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

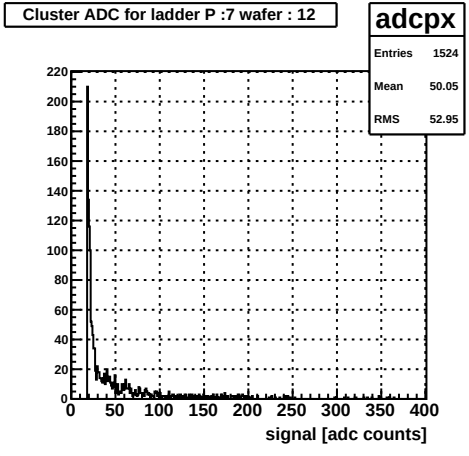

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 315
Mean 38.88
RMS 45.34
signal [adc counts]

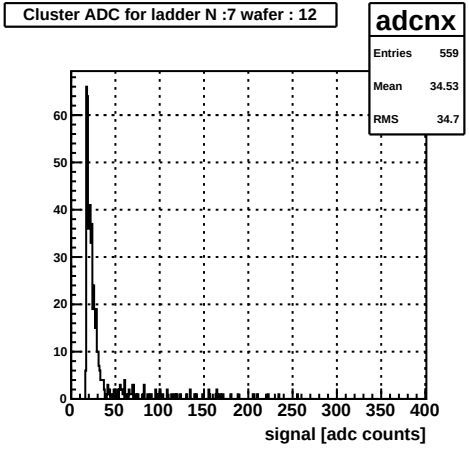

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 170
Mean 47.58
RMS 51.37
signal [adc counts]

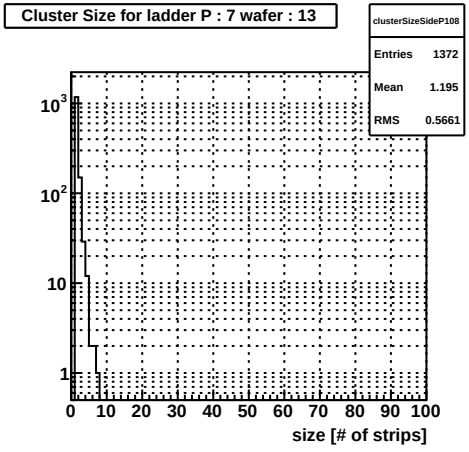

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1524
Mean 1.238
RMS 0.5765
size [# of strips]

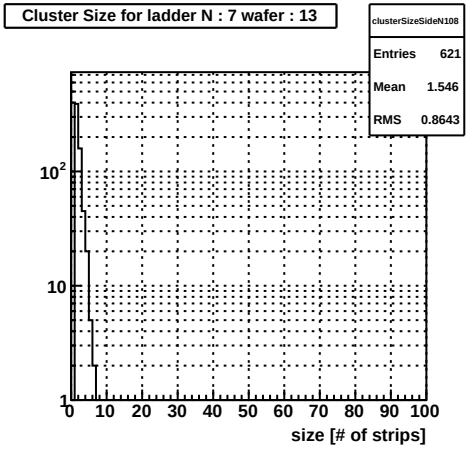

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 559
Mean 1.118
RMS 0.4789
size [# of strips]

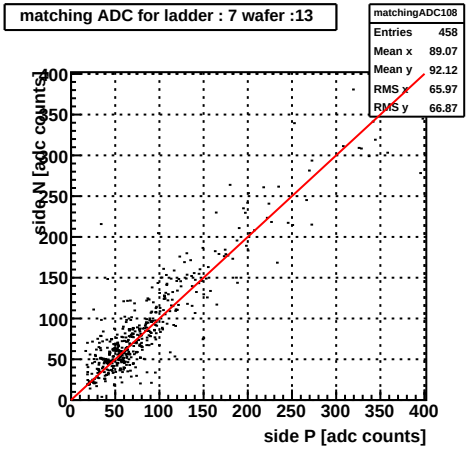

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 90
Mean x 73.39
Mean y 83.64
RMS x 45.14
RMS y 49.24
side N [adc counts]
side P [adc counts]

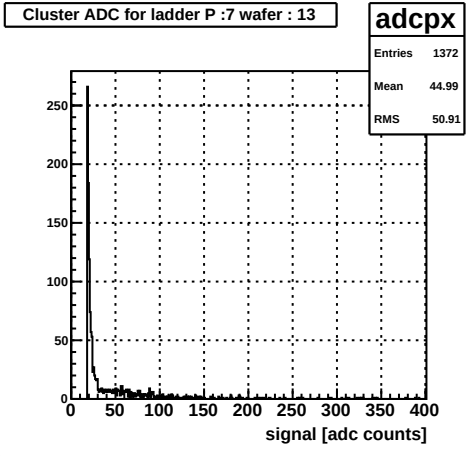

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1524
Mean 50.05
RMS 52.95
signal [adc counts]

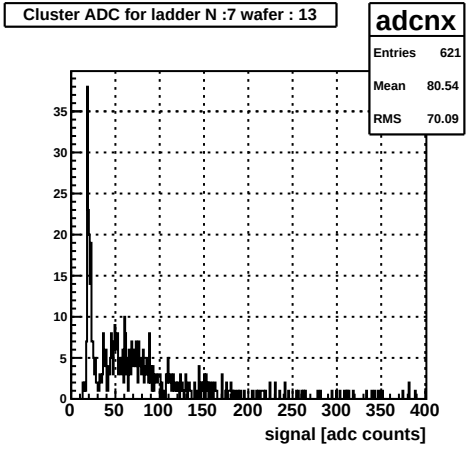

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 559
Mean 34.53
RMS 34.7
signal [adc counts]

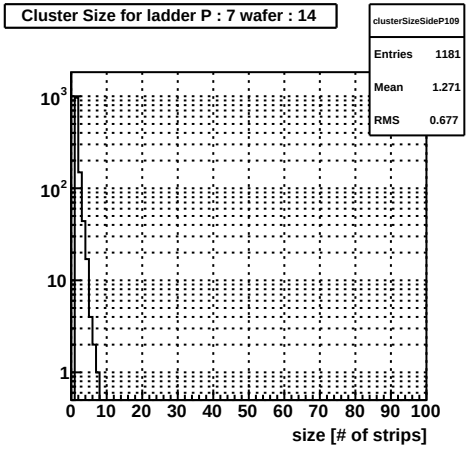

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1372
Mean 1.195
RMS 0.5661
size [# of strips]

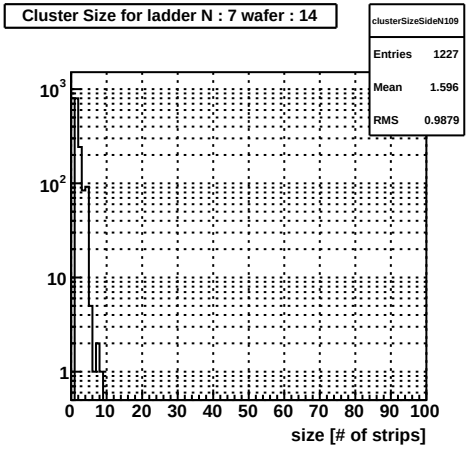

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 621
Mean 1.546
RMS 0.8643
size [# of strips]

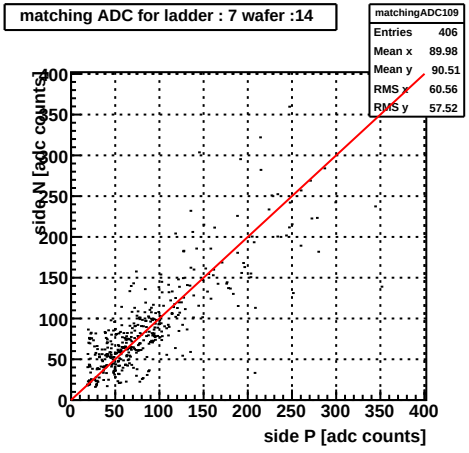

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 458
Mean x 89.07
Mean y 92.12
RMS x 65.97
RMS y 66.87
side N [adc counts]
side P [adc counts]

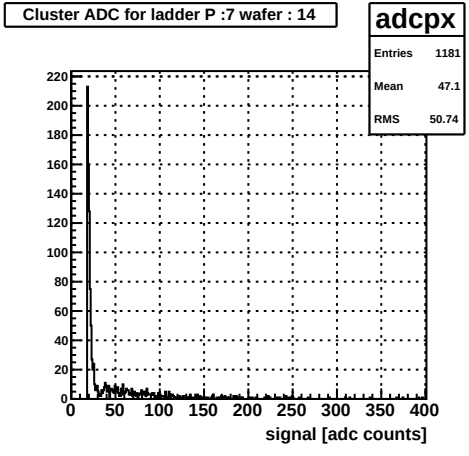

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1372
Mean 44.99
RMS 50.91
signal [adc counts]

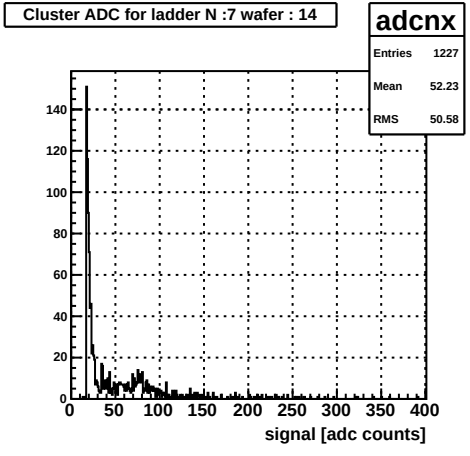

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 621
Mean 80.54
RMS 70.09
signal [adc counts]

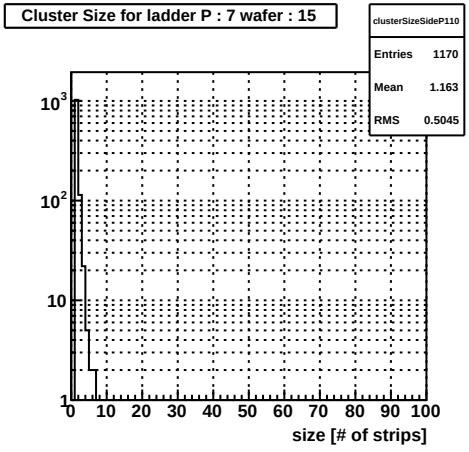

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1181
Mean 1.271
RMS 0.677
size [# of strips]

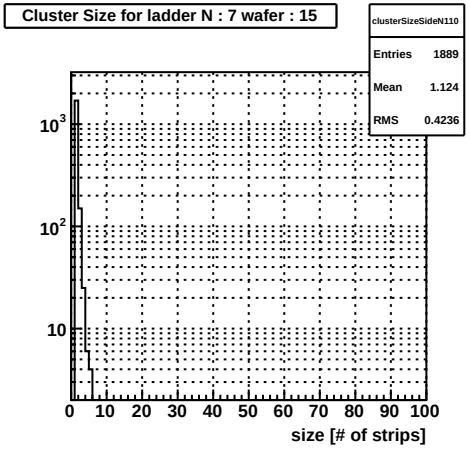

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1227
Mean 1.596
RMS 0.9879
size [# of strips]

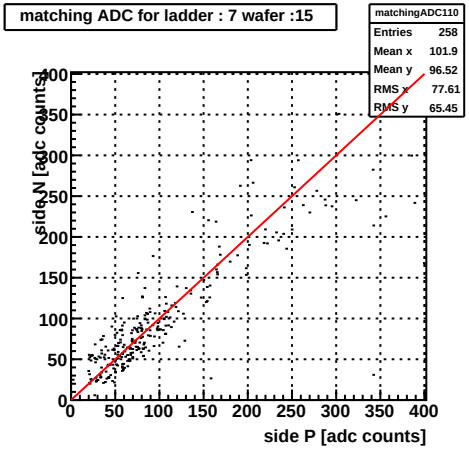

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 406
Mean x 89.98
Mean y 90.51
RMS x 60.56
RMS y 57.52
side N [adc counts]
side P [adc counts]

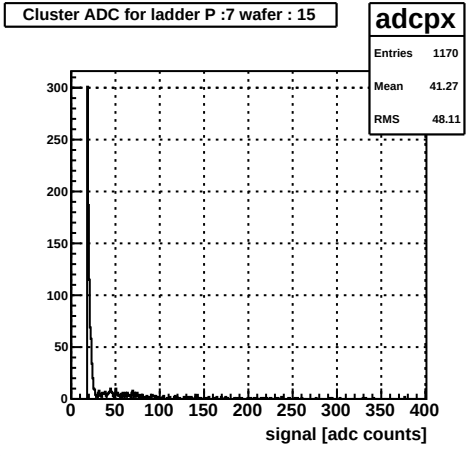

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1181
Mean 47.1
RMS 50.74
signal [adc counts]

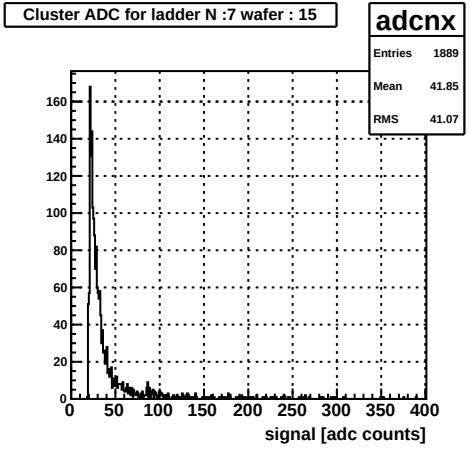

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1227
Mean 52.23
RMS 50.58
signal [adc counts]

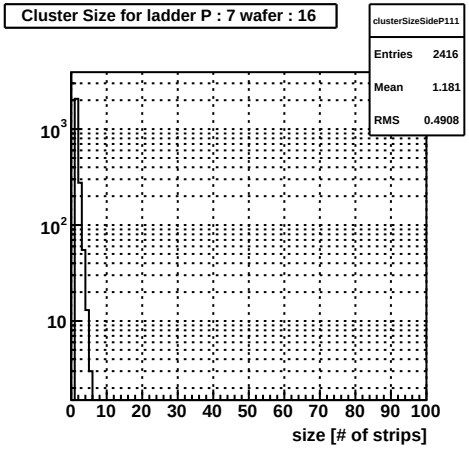

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1170
Mean 1.163
RMS 0.5045
size [# of strips]

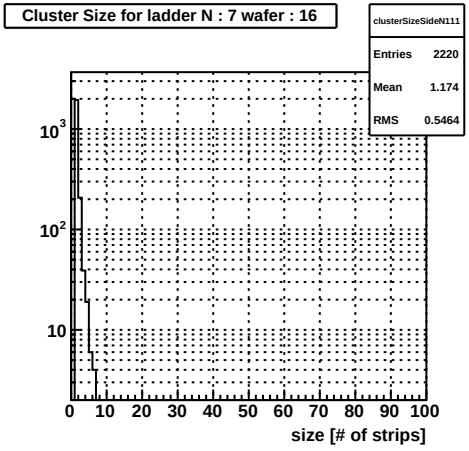

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1889
Mean 1.124
RMS 0.4236
size [# of strips]

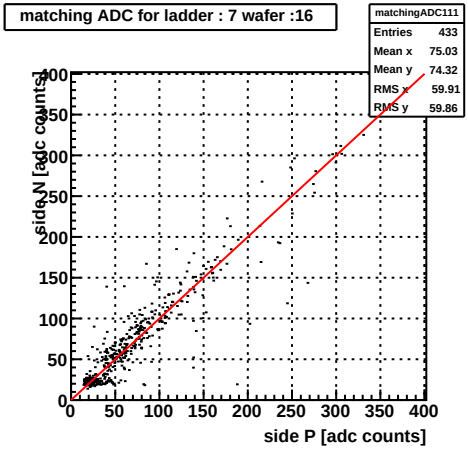

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 258
Mean x 101.9
Mean y 96.52
RMS x 77.61
RMS y 65.45
side N [adc counts]
side P [adc counts]

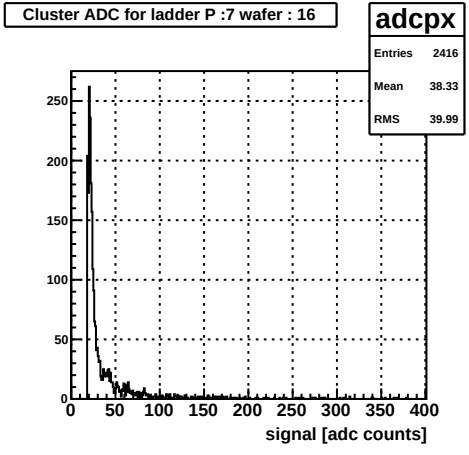

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1170
Mean 41.27
RMS 48.11
signal [adc counts]

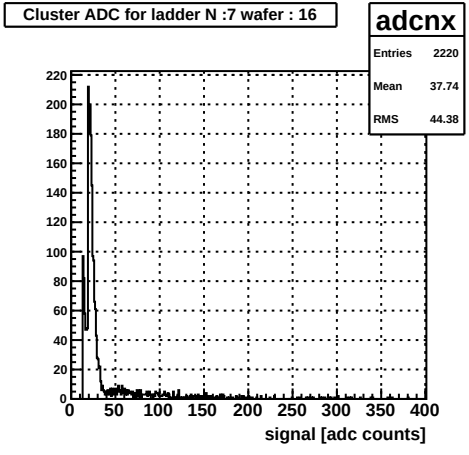

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1889
Mean 41.85
RMS 41.07
signal [adc counts]

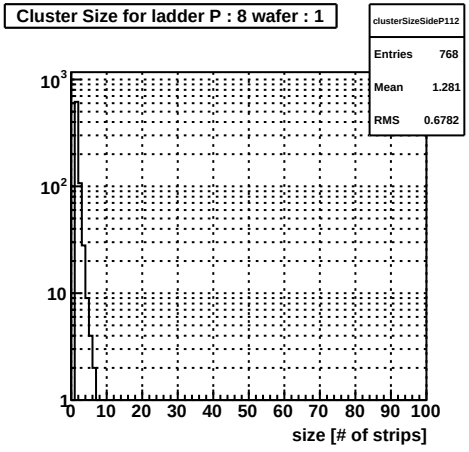

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2416
Mean 1.181
RMS 0.4908
size [# of strips]

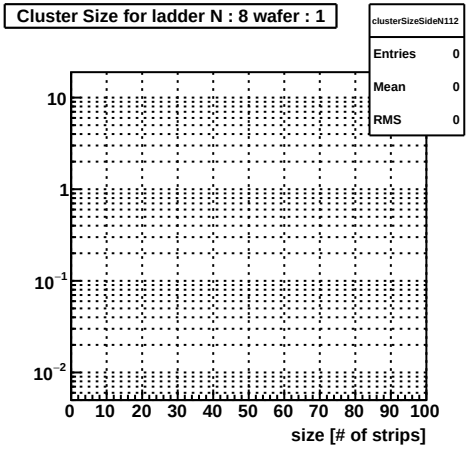

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2220
Mean 1.174
RMS 0.5464
size [# of strips]

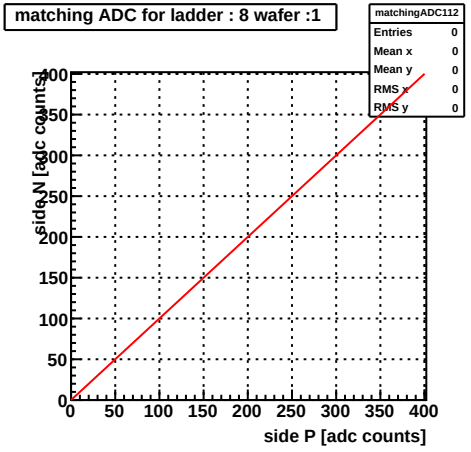

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 433
Mean x 75.03
Mean y 74.32
RMS x 59.91
RMS y 59.86
side N [adc counts]
side P [adc counts]

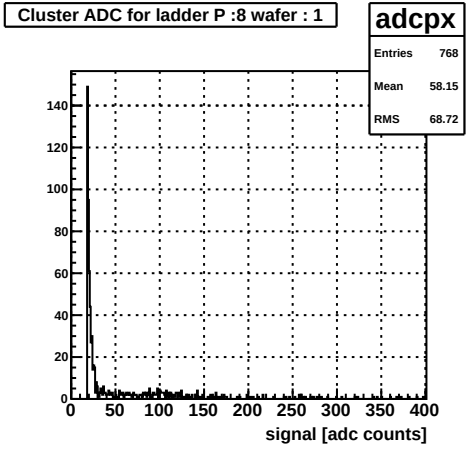

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2416
Mean 38.33
RMS 39.99
signal [adc counts]

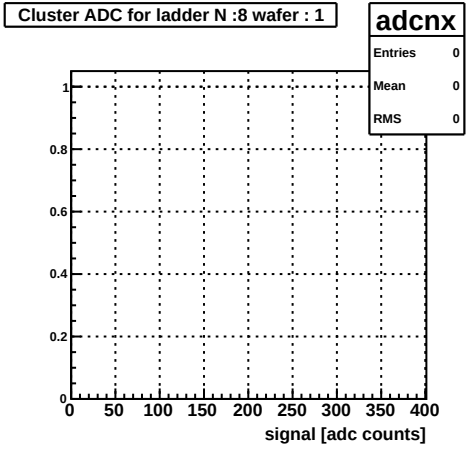

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2220
Mean 37.74
RMS 44.38
signal [adc counts]

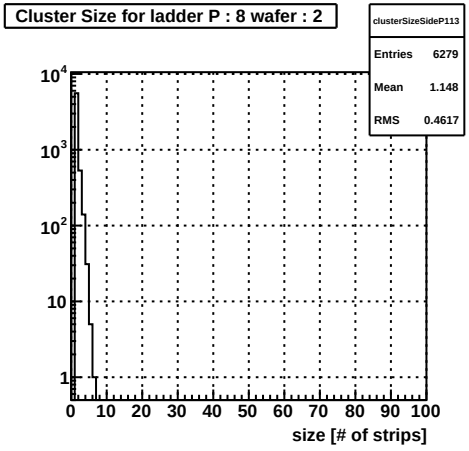

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 768
Mean 1.281
RMS 0.6782
size [# of strips]

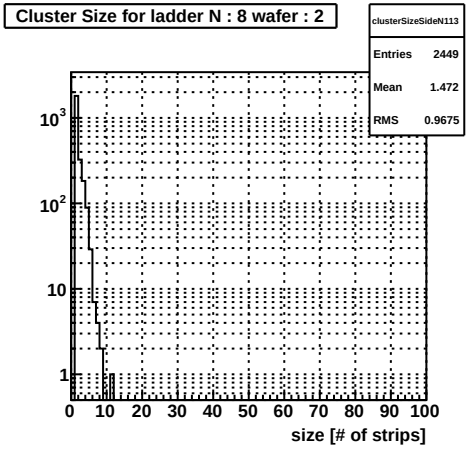

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

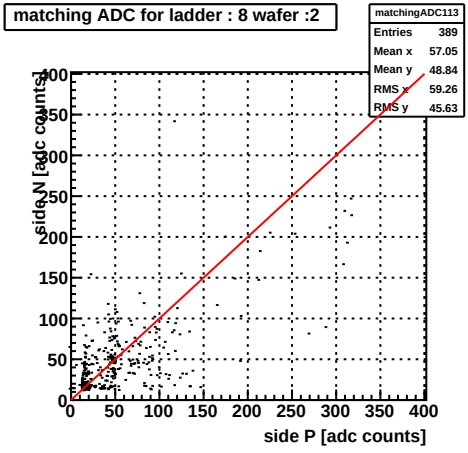

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

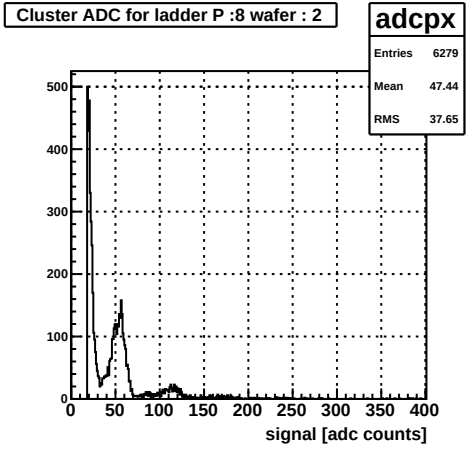

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 768
Mean 58.15
RMS 68.72
signal [adc counts]

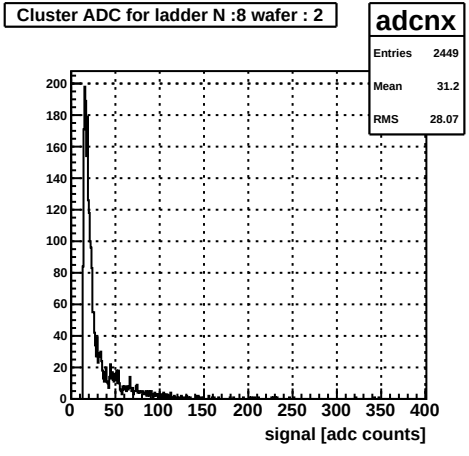

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

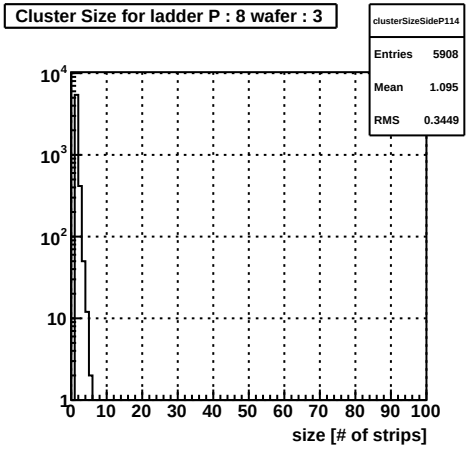

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6279
Mean 1.148
RMS 0.4617
size [# of strips]

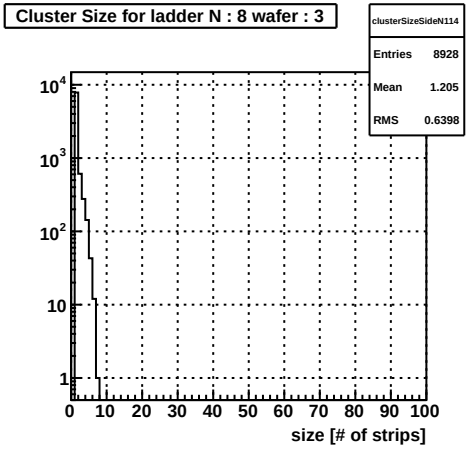

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2449
Mean 1.472
RMS 0.9675
size [# of strips]

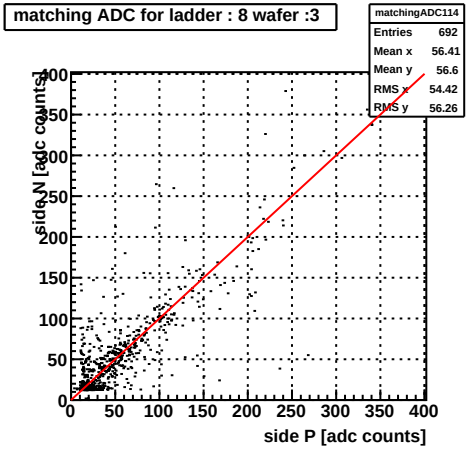

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 389
Mean x 57.05
Mean y 48.84
RMS x 59.26
RMS y 45.63
side N [adc counts]
side P [adc counts]

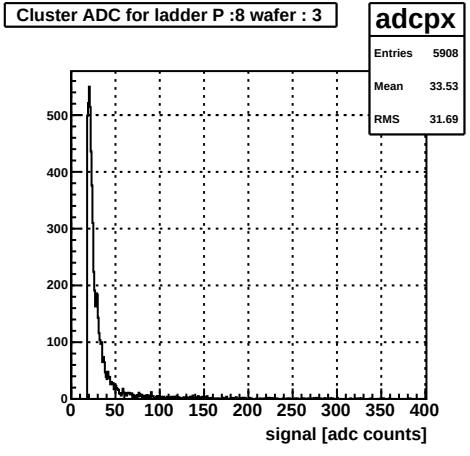

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6279
Mean 47.44
RMS 37.65
signal [adc counts]

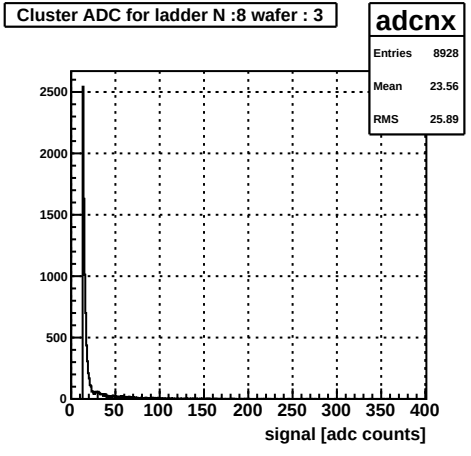

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2449
Mean 31.2
RMS 28.07
signal [adc counts]

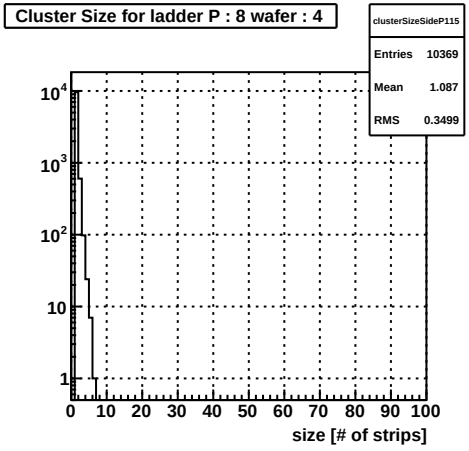

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5908
Mean 1.095
RMS 0.3449
size [# of strips]

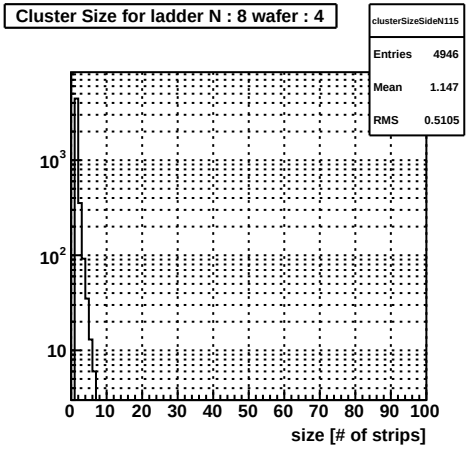

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 8928
Mean 1.205
RMS 0.6398
size [# of strips]

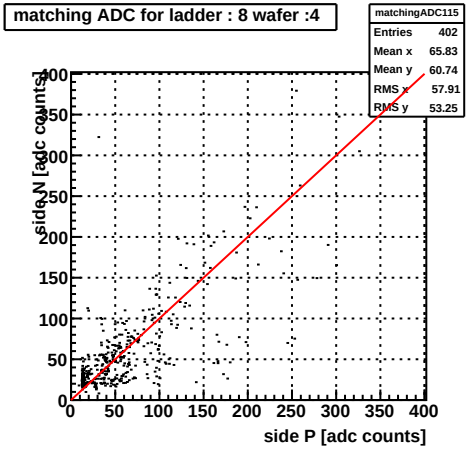

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 692
Mean x 56.41
Mean y 56.6
RMS x 54.42
RMS y 56.26
side N [adc counts]
side P [adc counts]

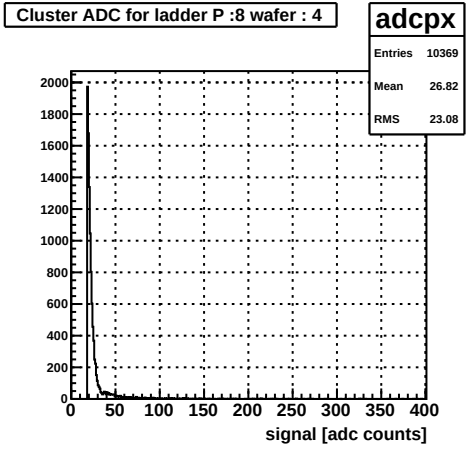

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5908
Mean 33.53
RMS 31.69
signal [adc counts]

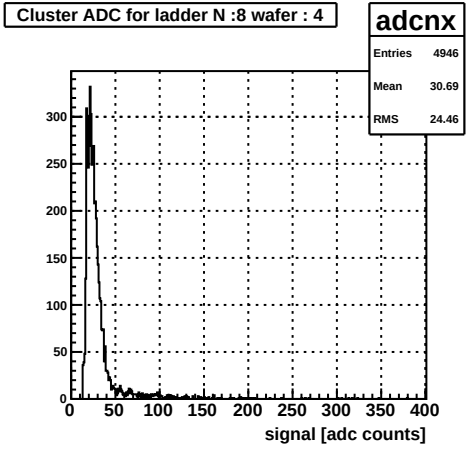

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 8928
Mean 23.56
RMS 25.89
signal [adc counts]

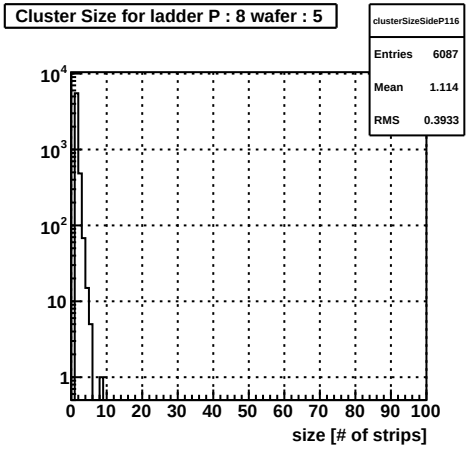

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 10369
Mean 1.087
RMS 0.3499
size [# of strips]

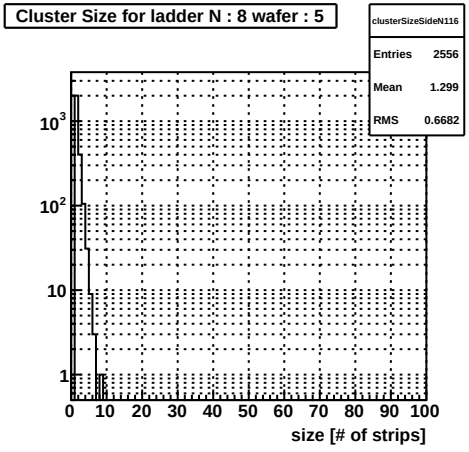

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4946
Mean 1.147
RMS 0.5105
size [# of strips]

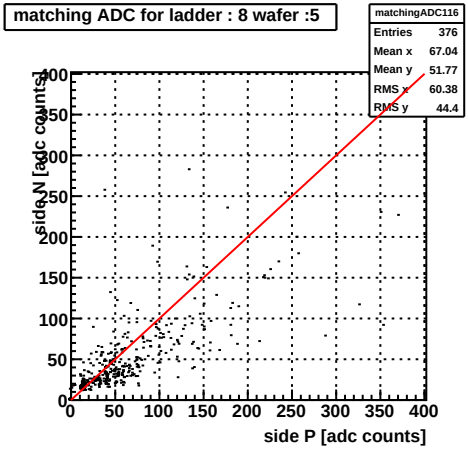

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 402
Mean x 65.83
Mean y 60.74
RMS x 57.91
RMS y 53.25
side N [adc counts]
side P [adc counts]

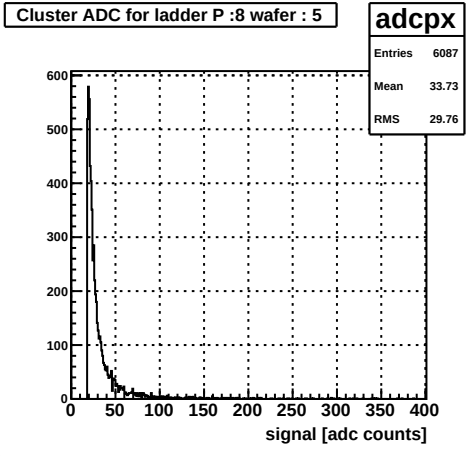

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 10369
Mean 26.82
RMS 23.08
signal [adc counts]

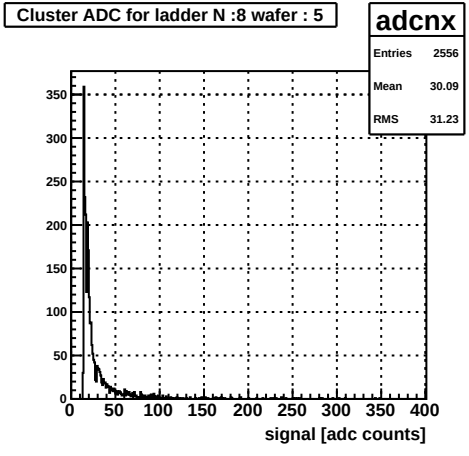

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4946
Mean 30.69
RMS 24.46
signal [adc counts]

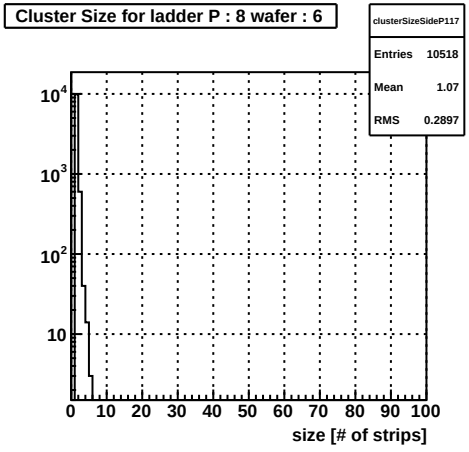

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6087
Mean 1.114
RMS 0.3933
size [# of strips]

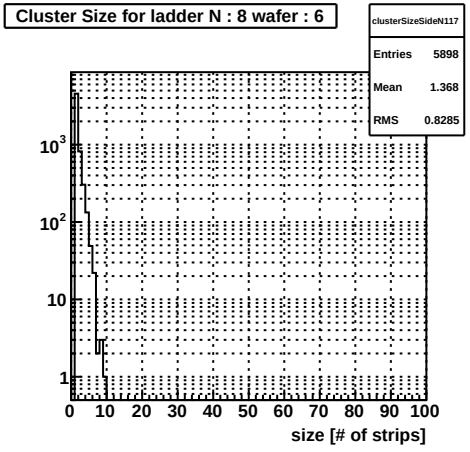

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2556
Mean 1.299
RMS 0.6682
size [# of strips]

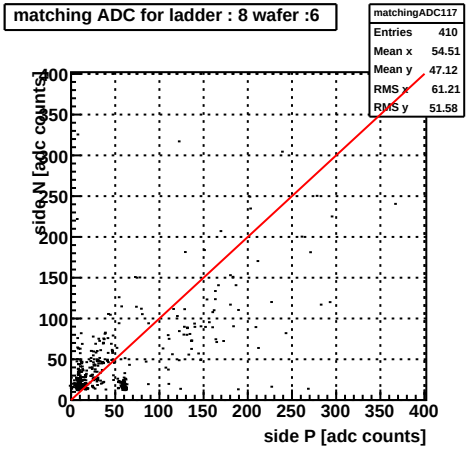

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 376
Mean x 67.04
Mean y 51.77
RMS x 60.38
RMS y 44.4
side N [adc counts]
side P [adc counts]

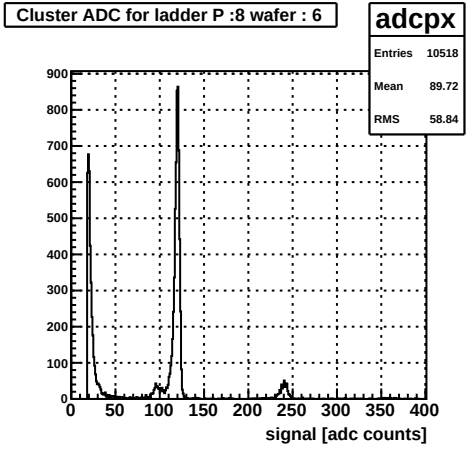

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6087
Mean 33.73
RMS 29.76
signal [adc counts]

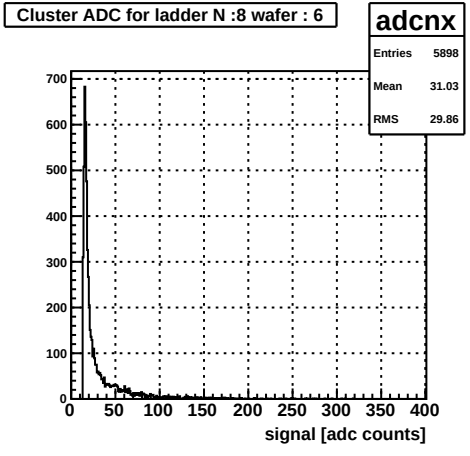

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2556
Mean 30.09
RMS 31.23
signal [adc counts]

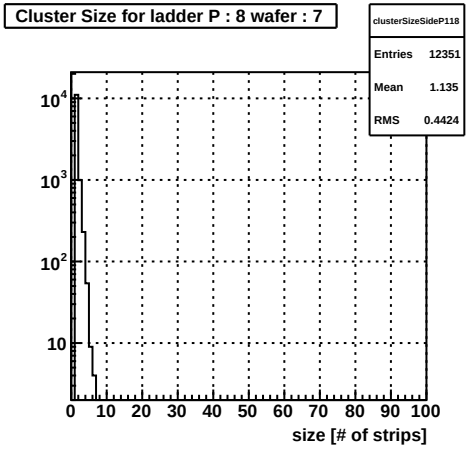

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 10518
Mean 1.07
RMS 0.2897
size [# of strips]

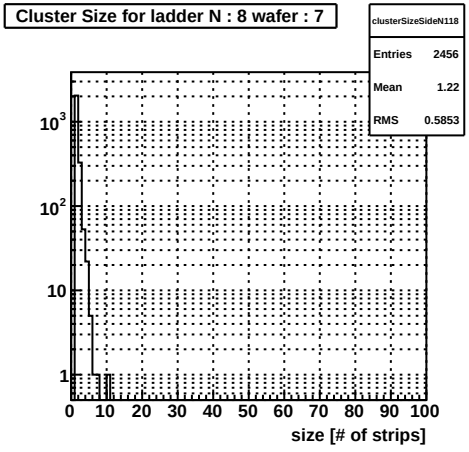

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5898
Mean 1.368
RMS 0.8285
size [# of strips]

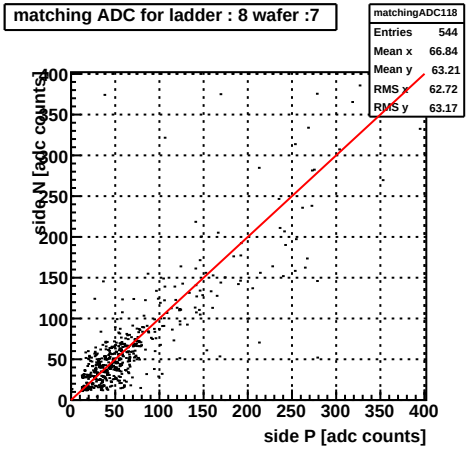

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 410
Mean x 54.51
Mean y 47.12
RMS x 61.21
RMS y 51.58
side N [adc counts]
side P [adc counts]

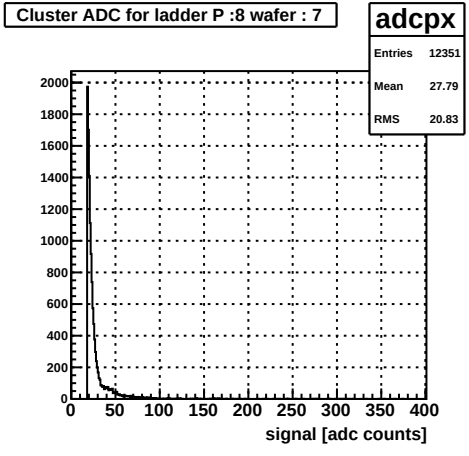

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 10518
Mean 89.72
RMS 58.84
signal [adc counts]

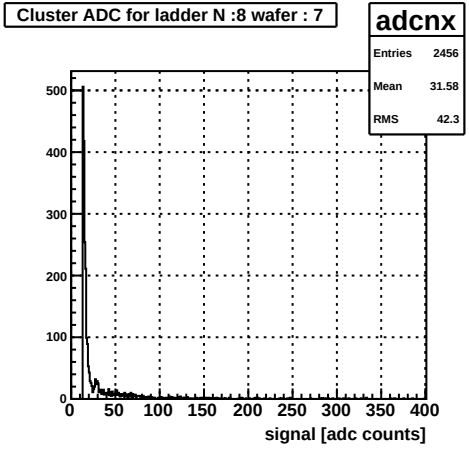

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5898
Mean 31.03
RMS 29.86
signal [adc counts]

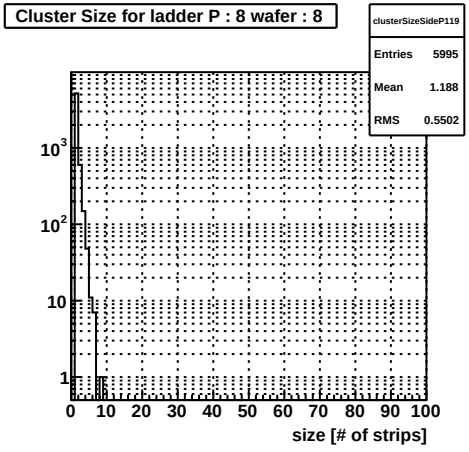

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12351
Mean 1.135
RMS 0.4424
size [# of strips]

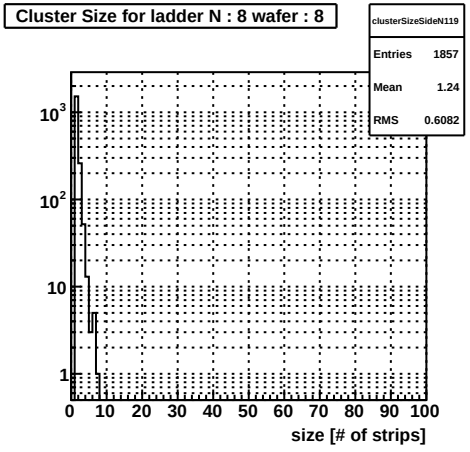

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2456
Mean 1.22
RMS 0.5853
size [# of strips]

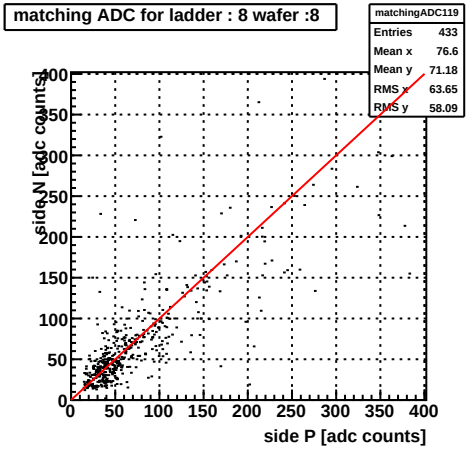

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 544
Mean x 66.84
Mean y 63.21
RMS x 62.72
RMS y 63.17
side N [adc counts]
side P [adc counts]

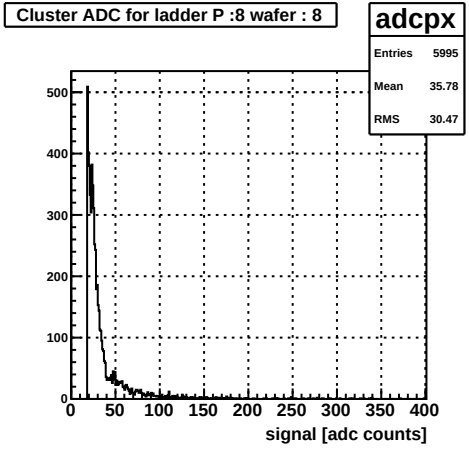

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12351
Mean 27.79
RMS 20.83
signal [adc counts]

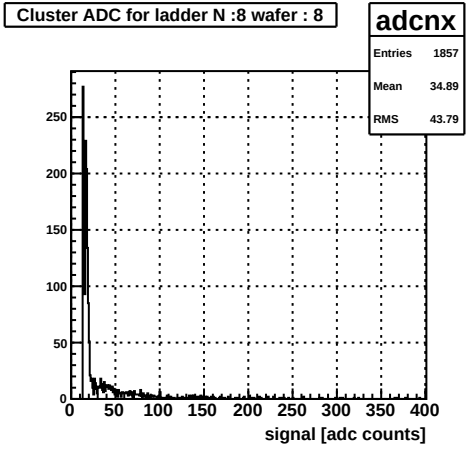

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2456
Mean 31.58
RMS 42.3
signal [adc counts]

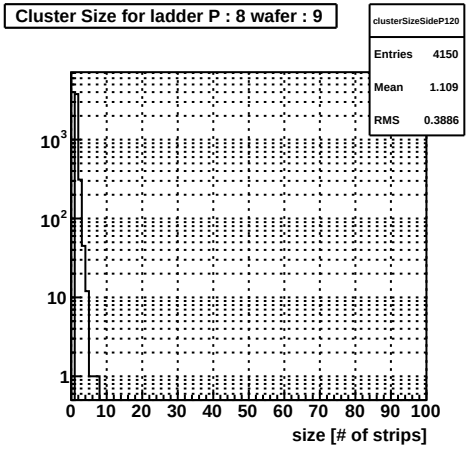

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5995
Mean 1.188
RMS 0.5502
size [# of strips]

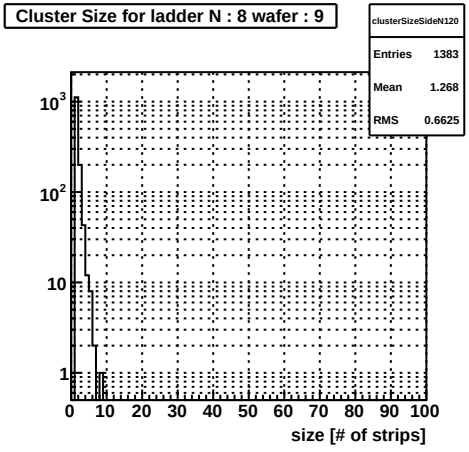

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1857
Mean 1.24
RMS 0.6082
size [# of strips]

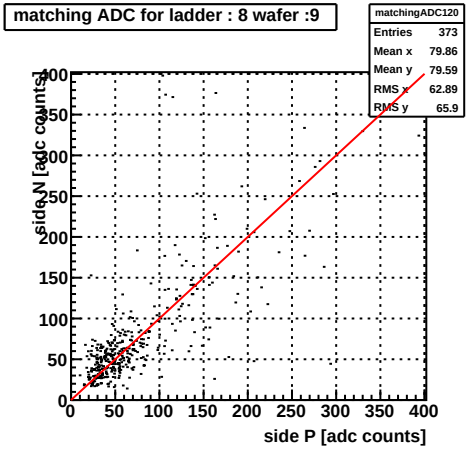

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 433
Mean x 76.6
Mean y 71.18
RMS x 63.65
RMS y 58.09
side N [adc counts]
side P [adc counts]

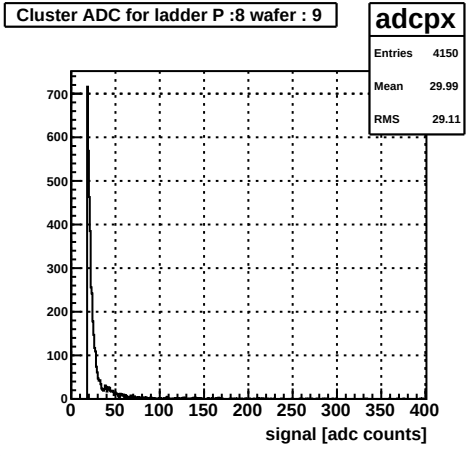

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5995
Mean 35.78
RMS 30.47
signal [adc counts]

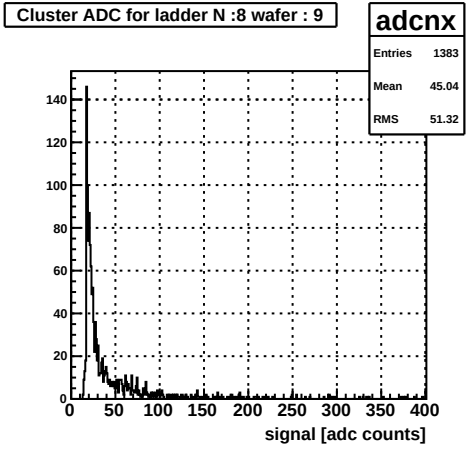

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1857
Mean 34.89
RMS 43.79
signal [adc counts]

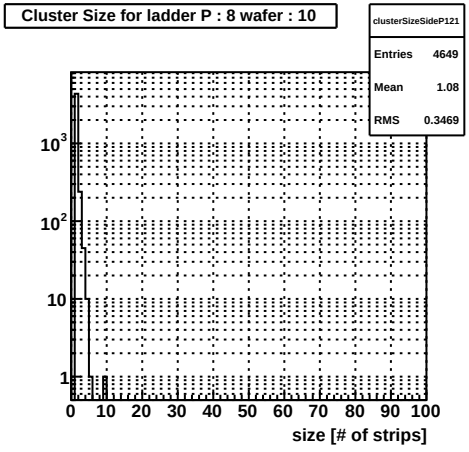

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 4150
Mean 1.109
RMS 0.3886
size [# of strips]

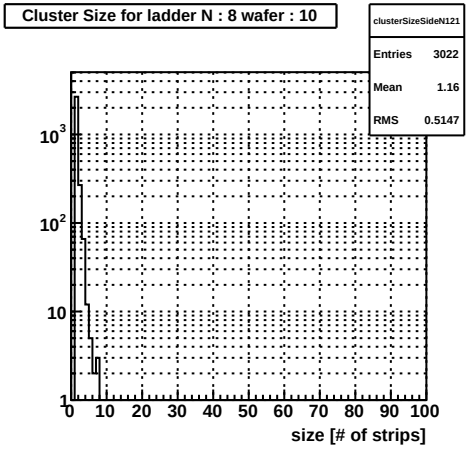

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1383
Mean 1.268
RMS 0.6625
size [# of strips]

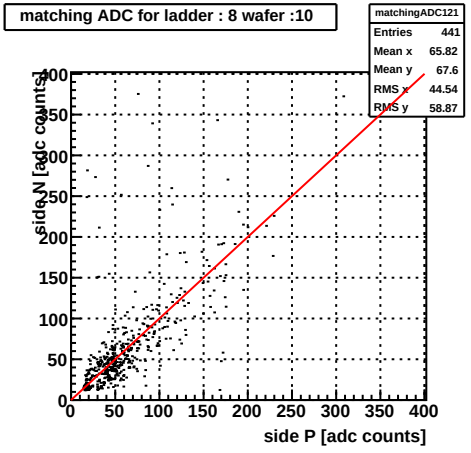

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 373
Mean x 79.86
Mean y 79.59
RMS x 62.89
RMS y 65.9
side N [adc counts]
side P [adc counts]

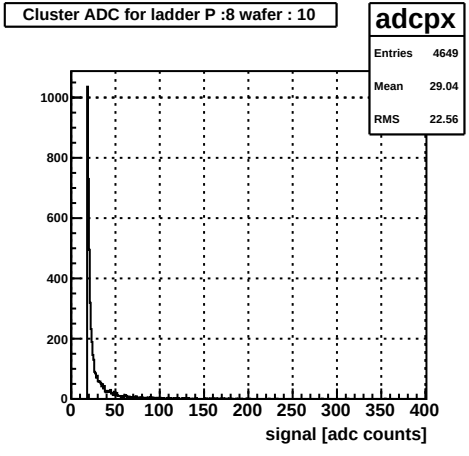

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 4150
Mean 29.99
RMS 29.11
signal [adc counts]

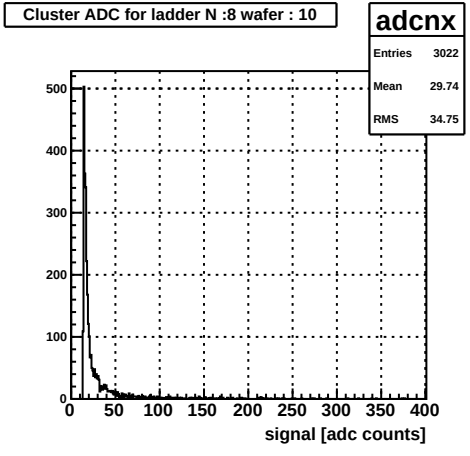

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1383
Mean 45.04
RMS 51.32
signal [adc counts]

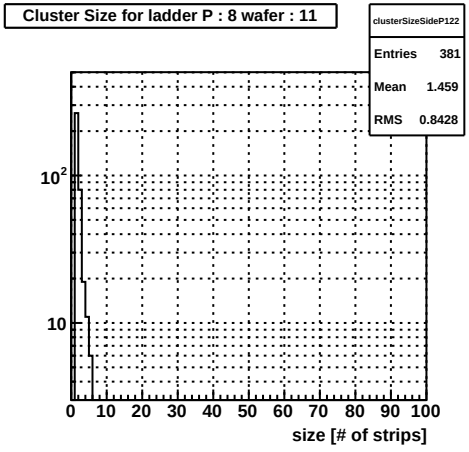

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4649
Mean 1.08
RMS 0.3469
size [# of strips]

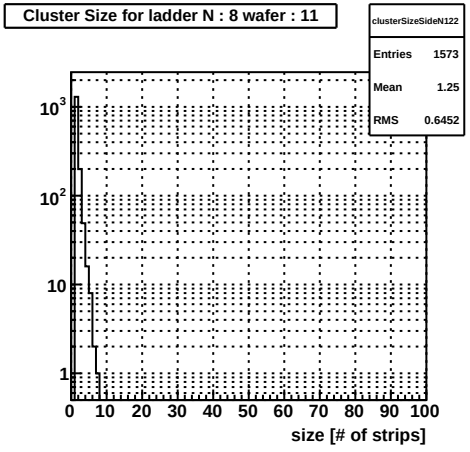

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3022
Mean 1.16
RMS 0.5147
size [# of strips]

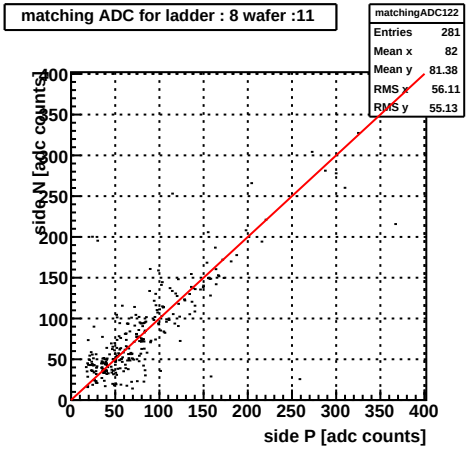

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 441
Mean x 65.82
Mean y 67.6
RMS x 44.54
RMS y 58.87
side N [adc counts]
side P [adc counts]

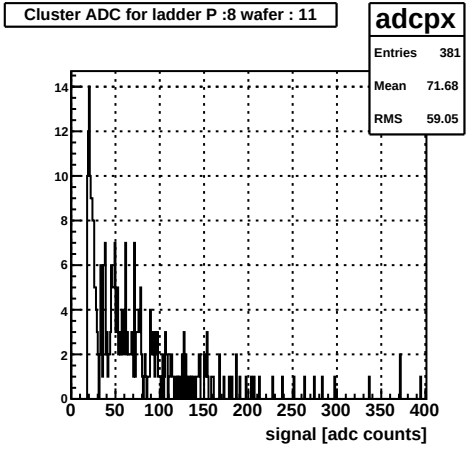

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4649
Mean 29.04
RMS 22.56
signal [adc counts]

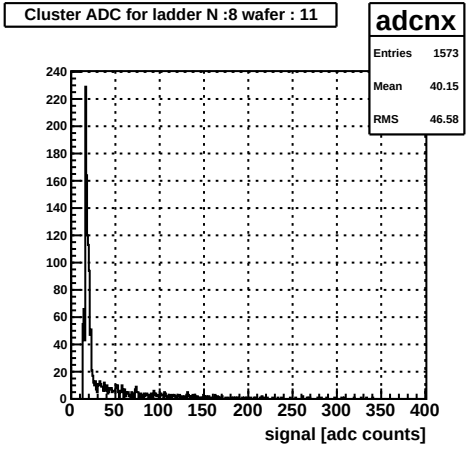

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3022
Mean 29.74
RMS 34.75
signal [adc counts]

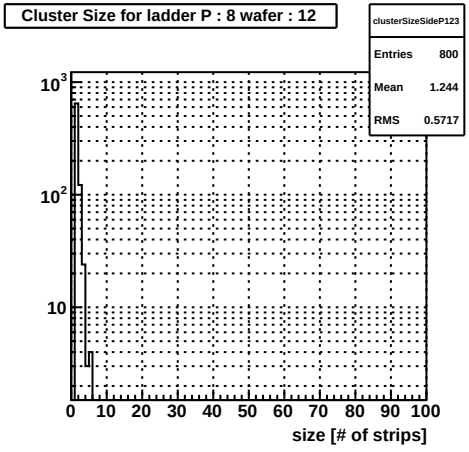

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 381
Mean 1.459
RMS 0.8428
size [# of strips]

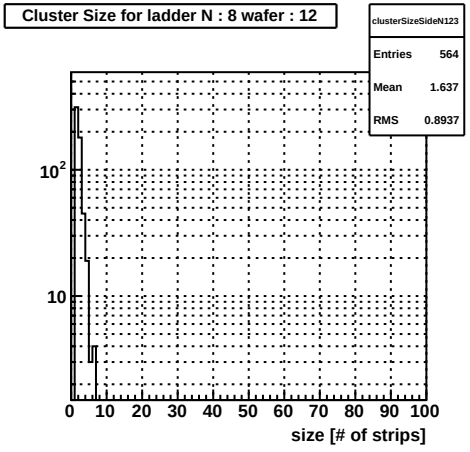

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1573
Mean 1.25
RMS 0.6452
size [# of strips]

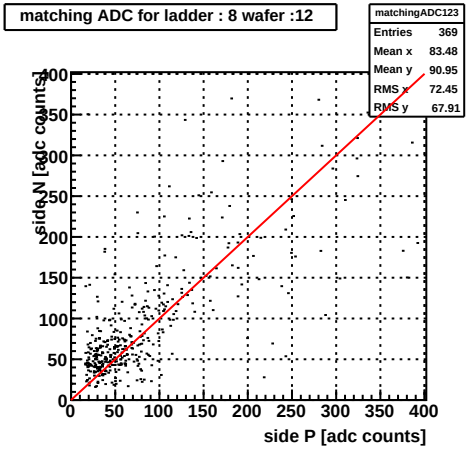

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 281
Mean x 82
Mean y 81.38
RMS x 56.11
RMS y 55.13
side N [adc counts]
side P [adc counts]

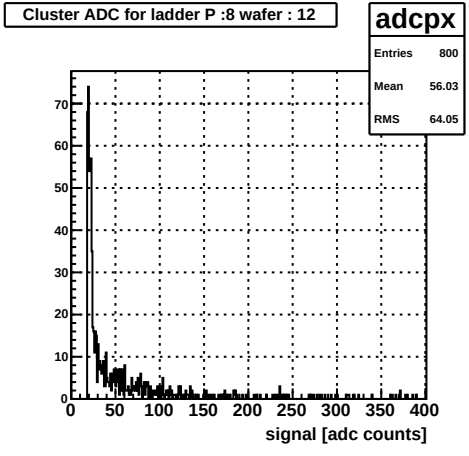

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 381
Mean 71.68
RMS 59.05
signal [adc counts]

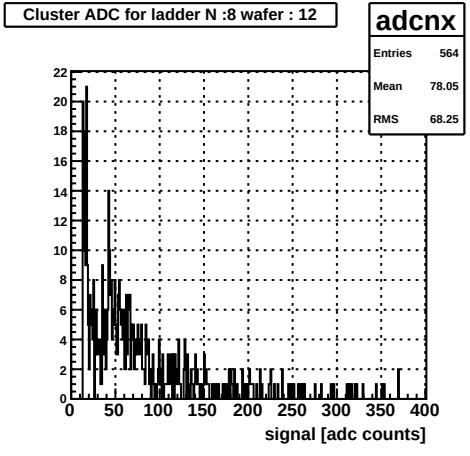

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1573
Mean 40.15
RMS 46.58
signal [adc counts]

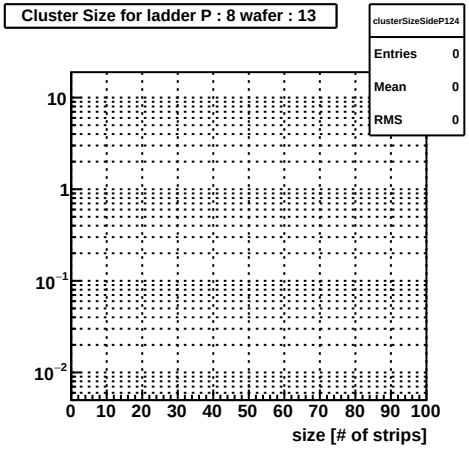

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 800
Mean 1.244
RMS 0.5717
size [# of strips]

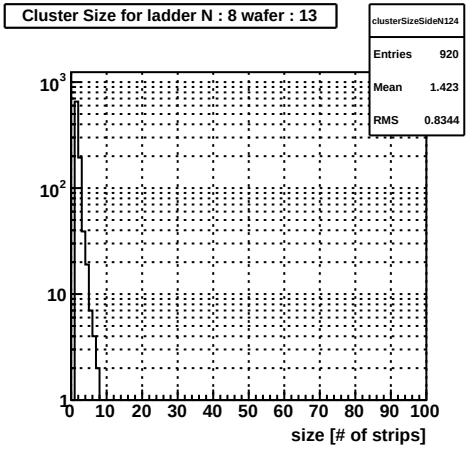

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 564
Mean 1.637
RMS 0.8937
size [# of strips]

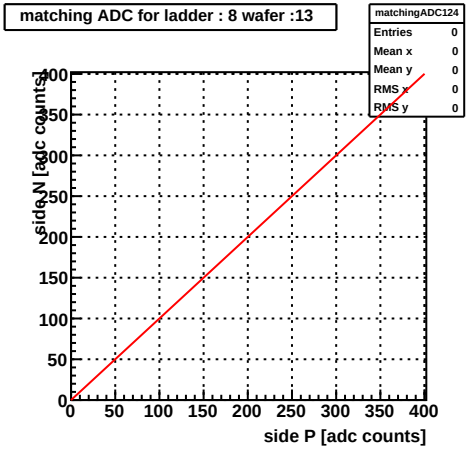

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 369
Mean x 83.48
Mean y 90.95
RMS x 72.45
RMS y 67.91
side N [adc counts]
side P [adc counts]

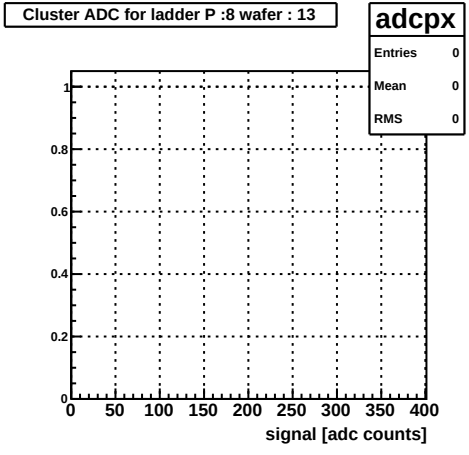

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 800
Mean 56.03
RMS 64.05
signal [adc counts]

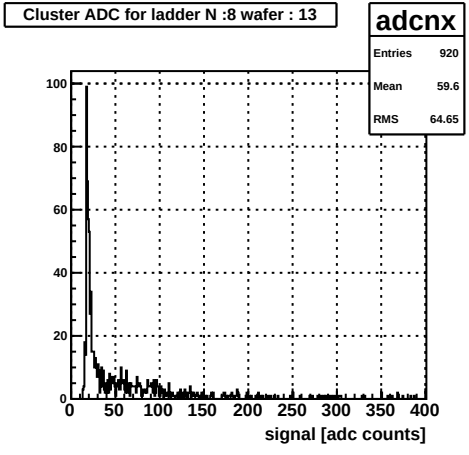

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 564
Mean 78.05
RMS 68.25
signal [adc counts]

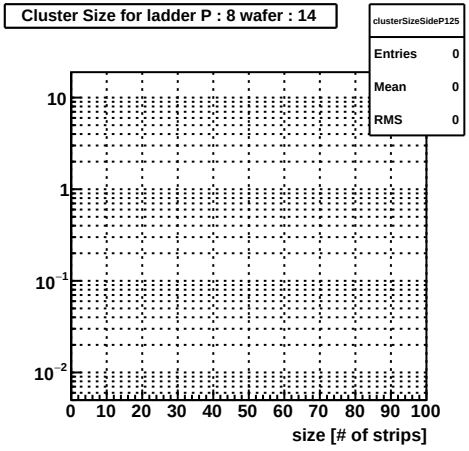

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

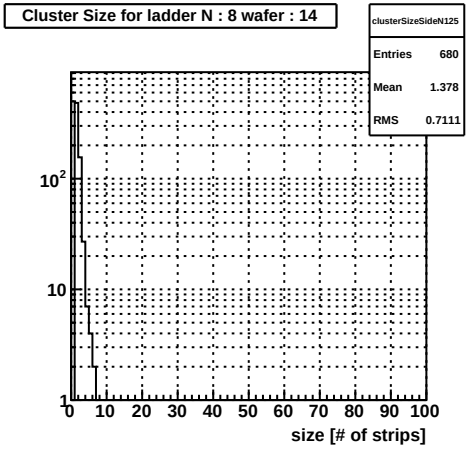

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 920
Mean 1.423
RMS 0.8344
size [# of strips]

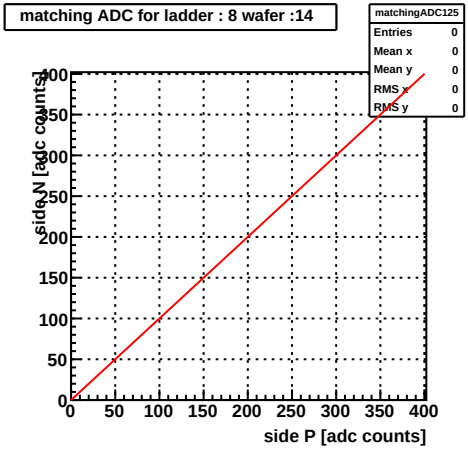

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

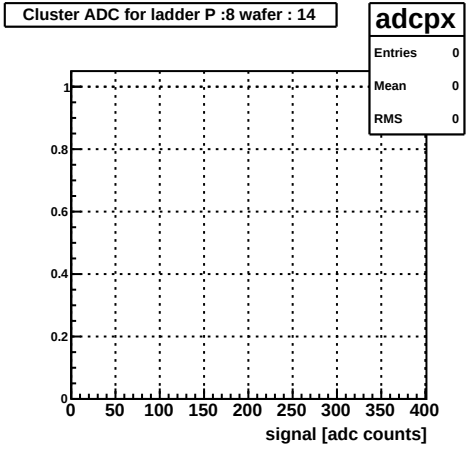

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

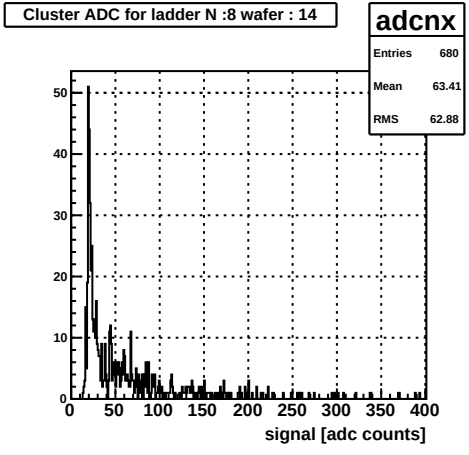

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 920
Mean 59.6
RMS 64.65
signal [adc counts]

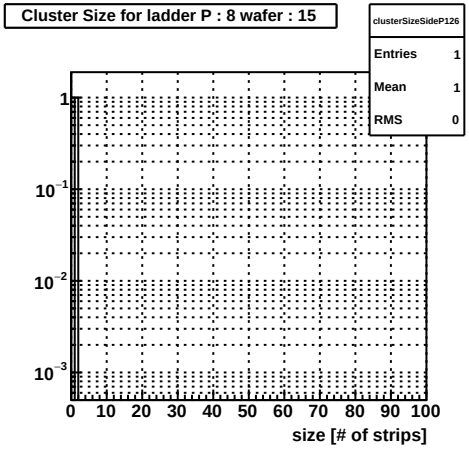

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

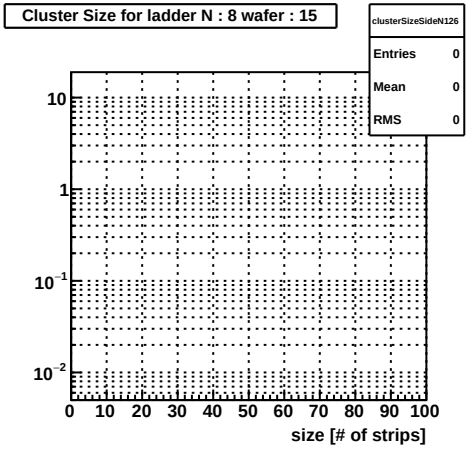

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 680
Mean 1.378
RMS 0.7111
size [# of strips]

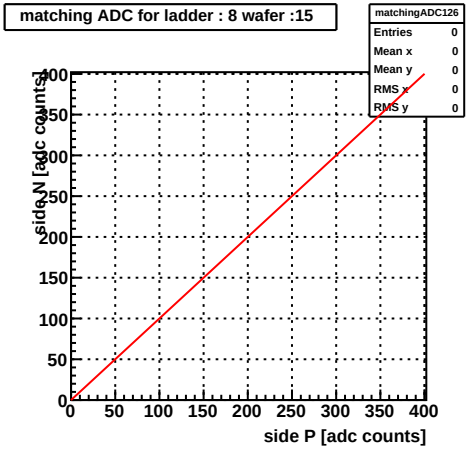

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

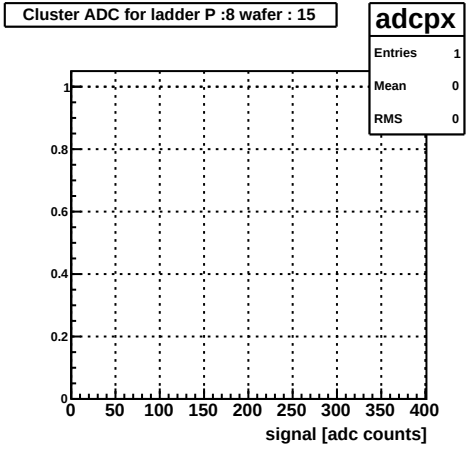

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

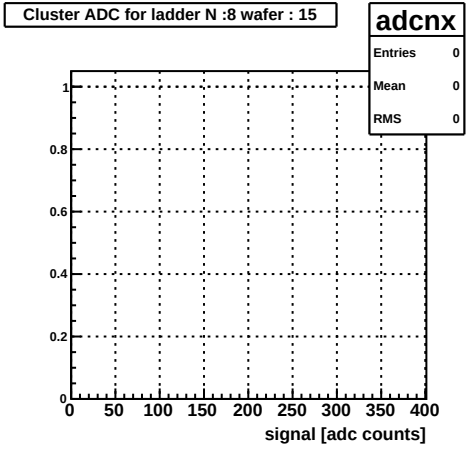

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 680
Mean 63.41
RMS 62.88
signal [adc counts]

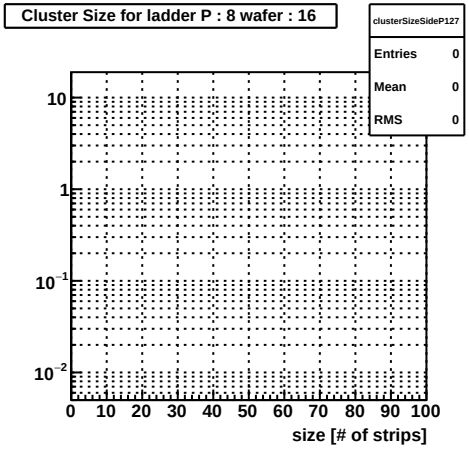

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

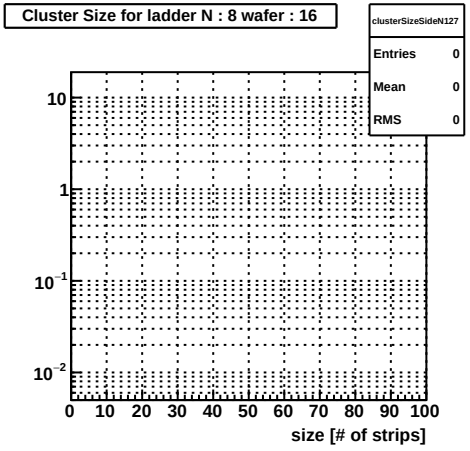

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

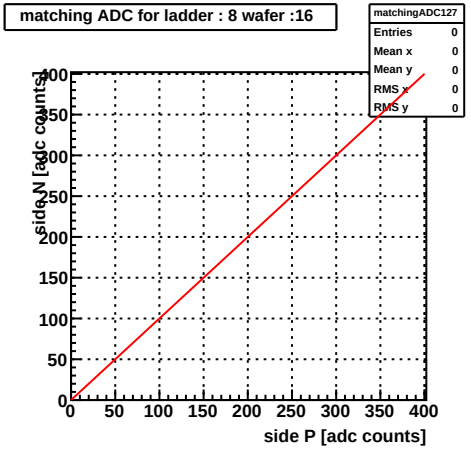

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

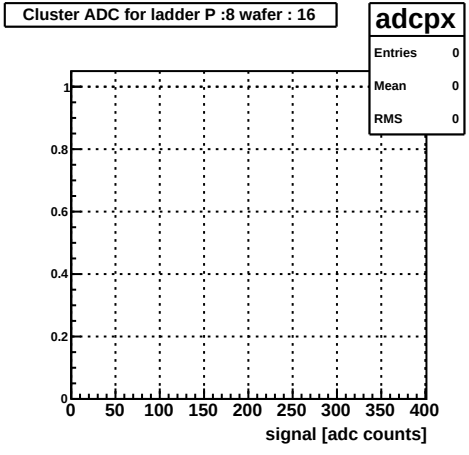

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

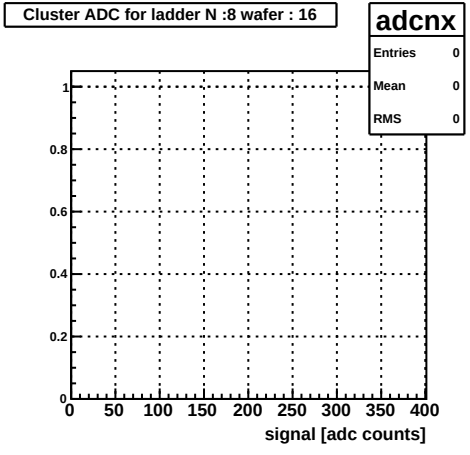

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

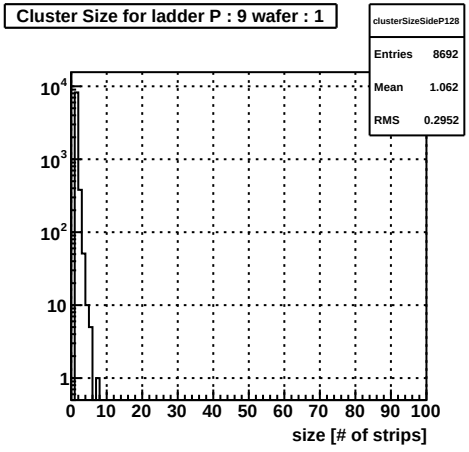

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

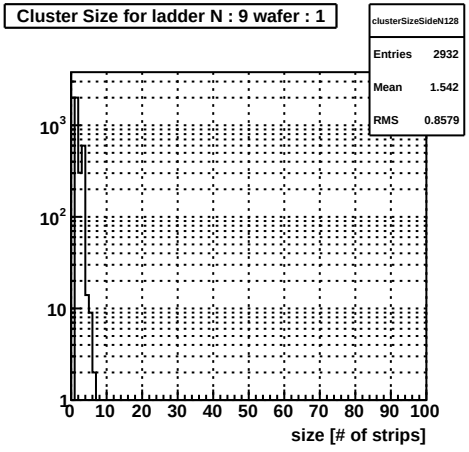

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

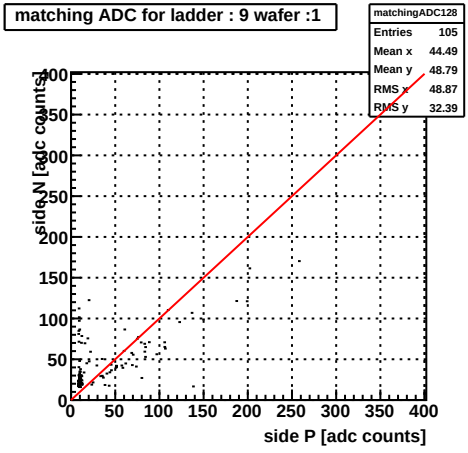

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

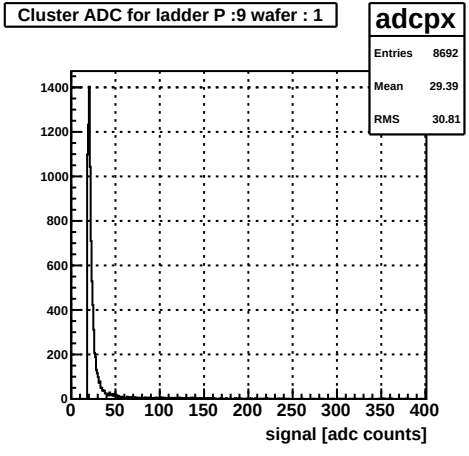

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

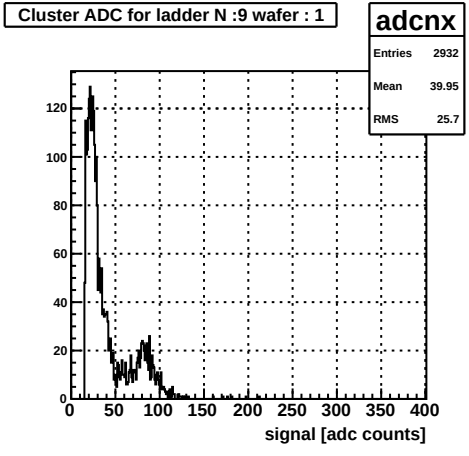

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

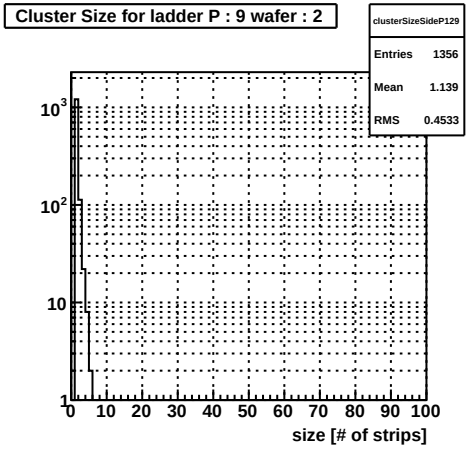

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8692
Mean 1.062
RMS 0.2952
size [# of strips]

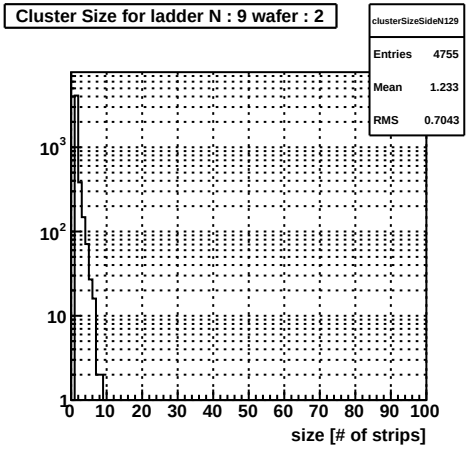

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2932
Mean 1.542
RMS 0.8579
size [# of strips]

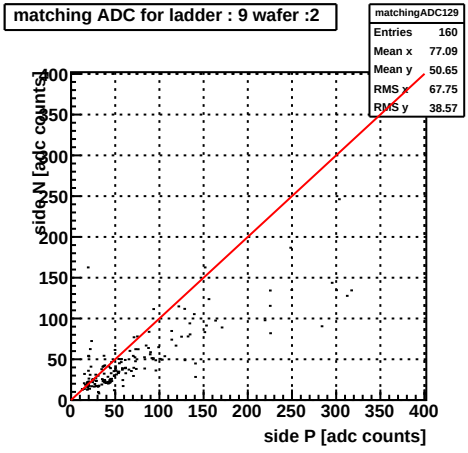

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 105
Mean x 44.49
Mean y 48.79
RMS x 48.87
RMS y 32.39
side N [adc counts]
side P [adc counts]

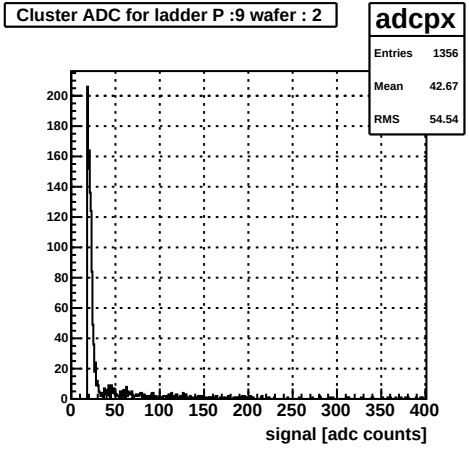

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8692
Mean 29.39
RMS 30.81
signal [adc counts]

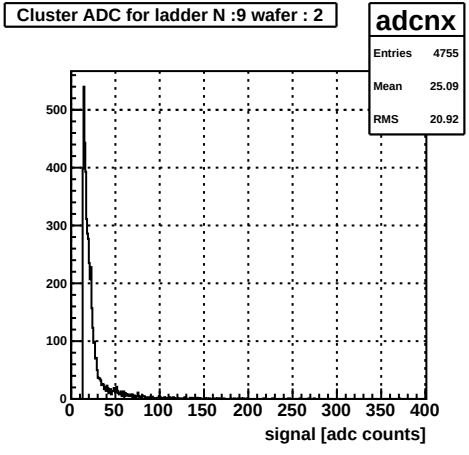

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2932
Mean 39.95
RMS 25.7
signal [adc counts]

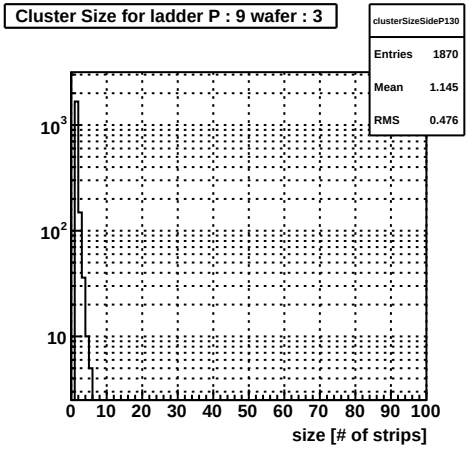

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1356
Mean 1.139
RMS 0.4533
size [# of strips]

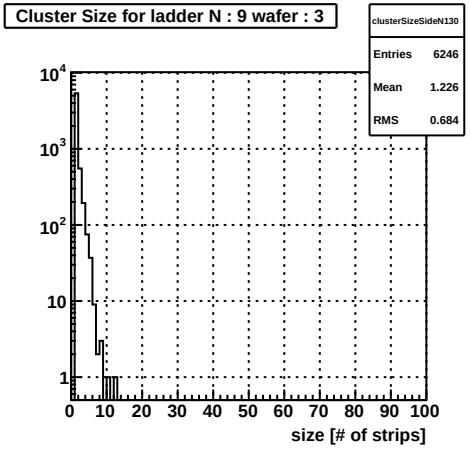

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4755
Mean 1.233
RMS 0.7043
size [# of strips]

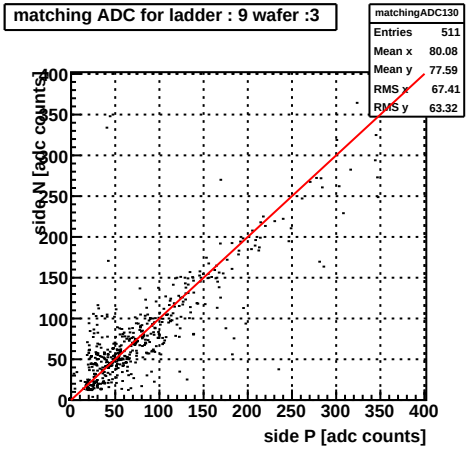

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 160
Mean x 77.09
Mean y 50.65
RMS x 67.75
RMS y 38.57
side N [adc counts]
side P [adc counts]

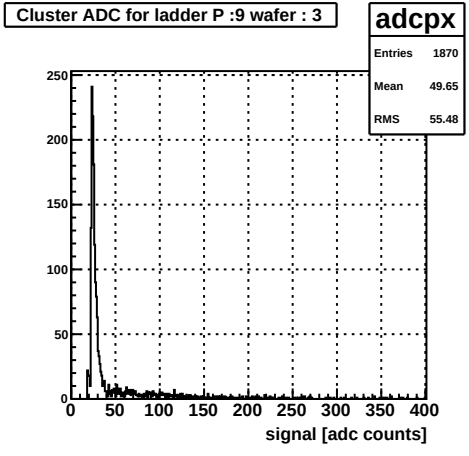

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1356
Mean 42.67
RMS 54.54
signal [adc counts]

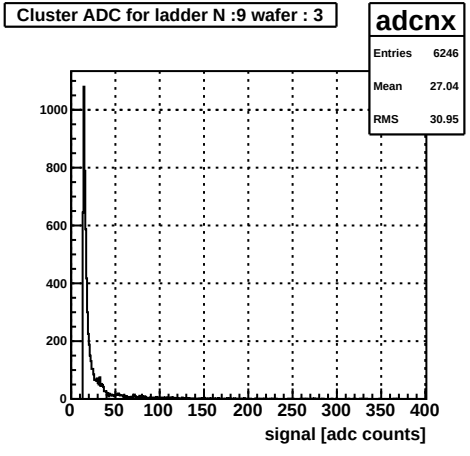

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4755
Mean 25.09
RMS 20.92
signal [adc counts]

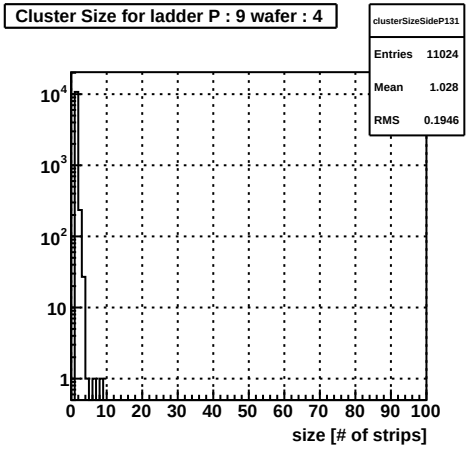

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1870
Mean 1.145
RMS 0.476
size [# of strips]

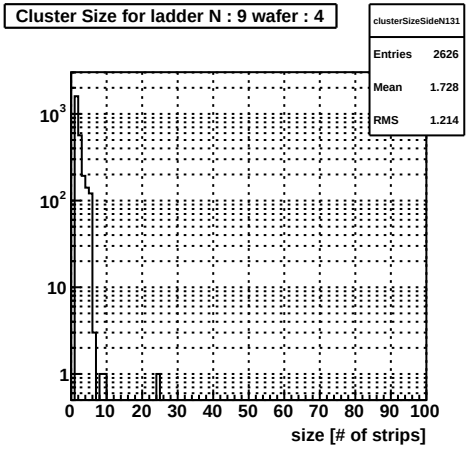

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 6246
Mean 1.226
RMS 0.684
size [# of strips]

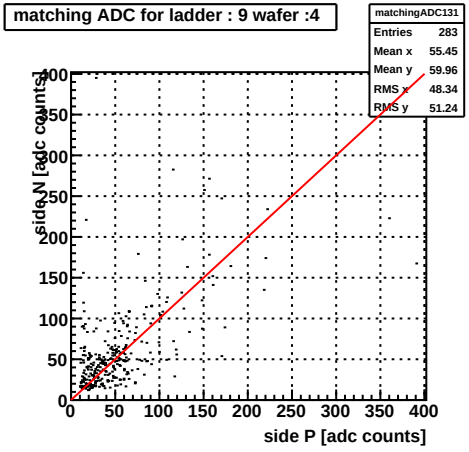

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 511
Mean x 80.08
Mean y 77.59
RMS x 67.41
RMS y 63.32
side N [adc counts]
side P [adc counts]

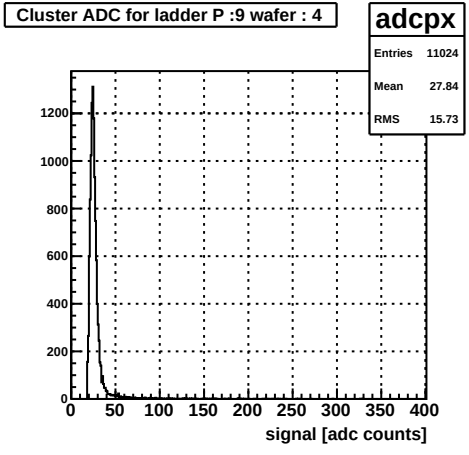

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1870
Mean 49.65
RMS 55.48
signal [adc counts]

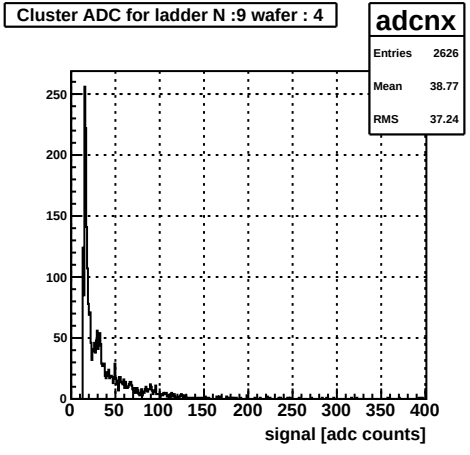

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 6246
Mean 27.04
RMS 30.95
signal [adc counts]

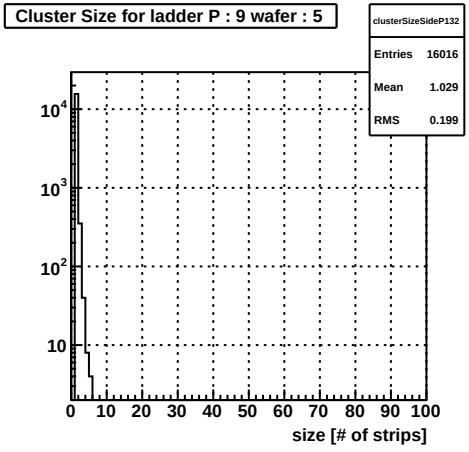

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11024
Mean 1.028
RMS 0.1946
size [# of strips]

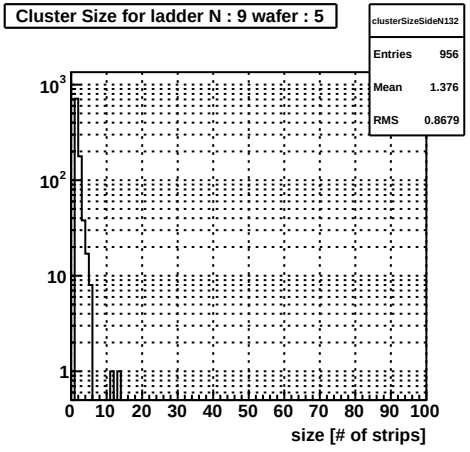

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2626
Mean 1.728
RMS 1.214
size [# of strips]

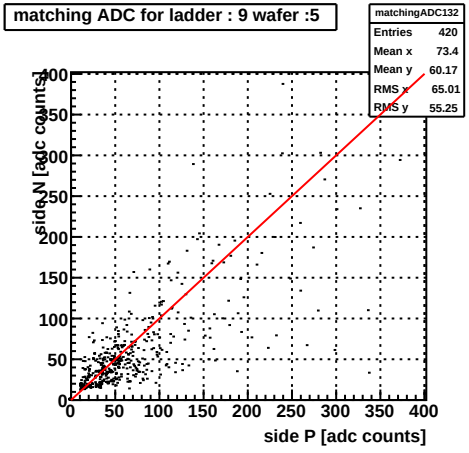

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 283
Mean x 55.45
Mean y 59.96
RMS x 48.34
RMS y 51.24
side N [adc counts]
side P [adc counts]

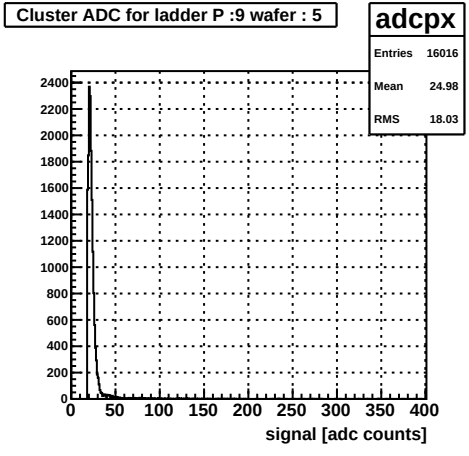

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11024
Mean 27.84
RMS 15.73
signal [adc counts]

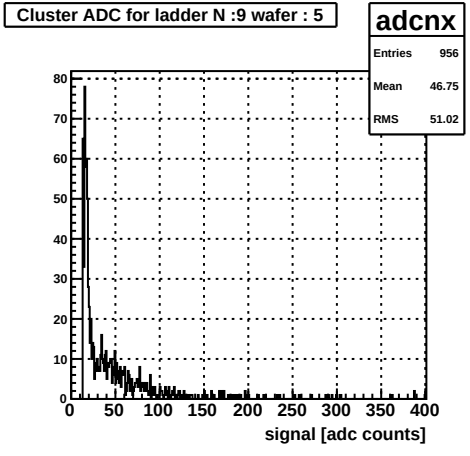

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2626
Mean 38.77
RMS 37.24
signal [adc counts]

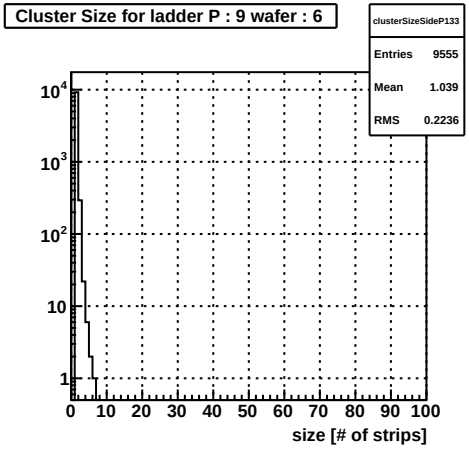

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 16016
Mean 1.029
RMS 0.199
size [# of strips]

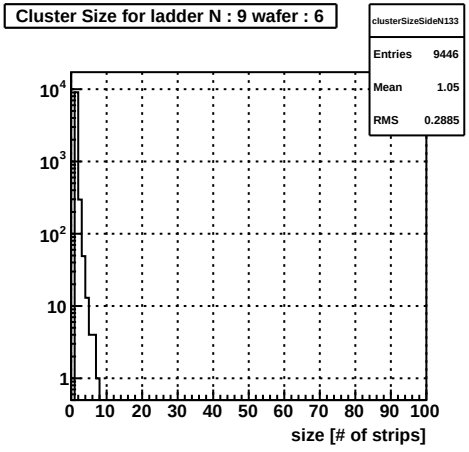

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 956
Mean 1.376
RMS 0.8679
size [# of strips]

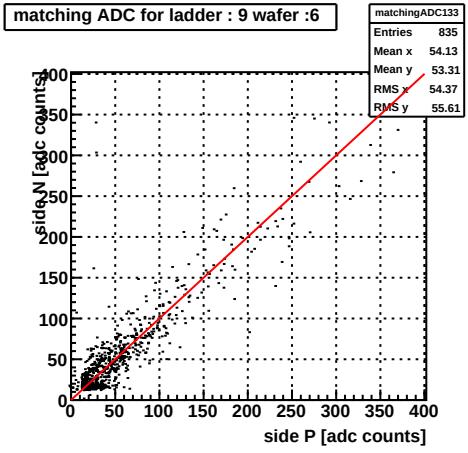

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 420
Mean x 73.4
Mean y 60.17
RMS x 65.01
RMS y 55.25
side N [adc counts]
side P [adc counts]

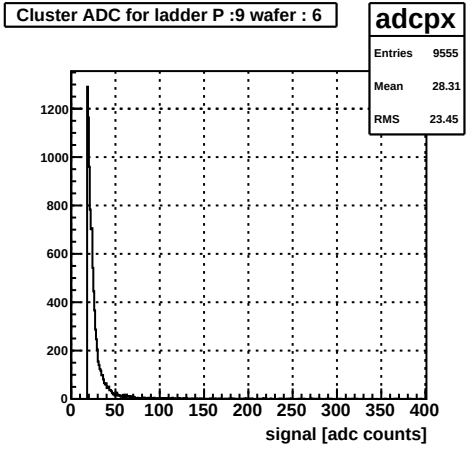

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 16016
Mean 24.98
RMS 18.03
signal [adc counts]

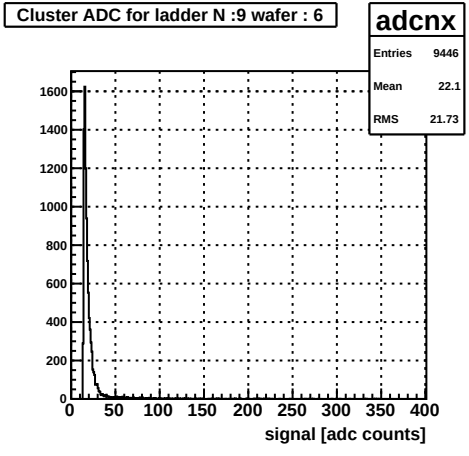

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 956
Mean 46.75
RMS 51.02
signal [adc counts]

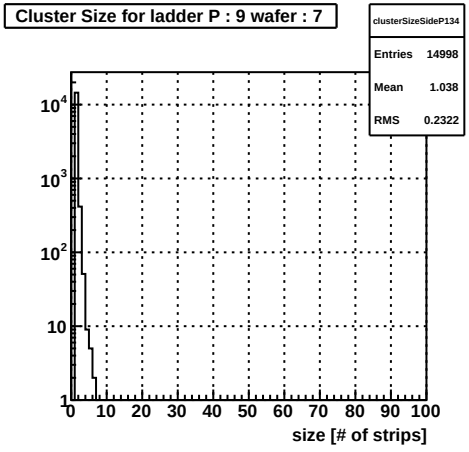

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9555
Mean 1.039
RMS 0.2236
size [# of strips]

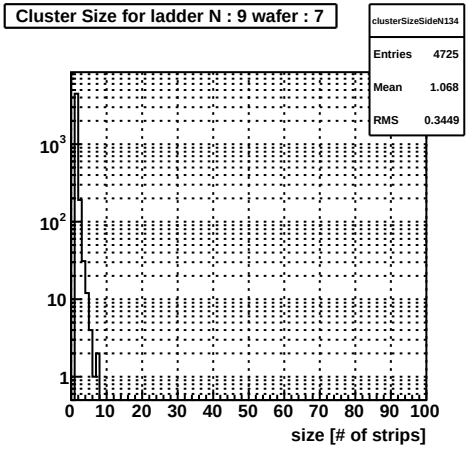

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9446
Mean 1.05
RMS 0.2885
size [# of strips]

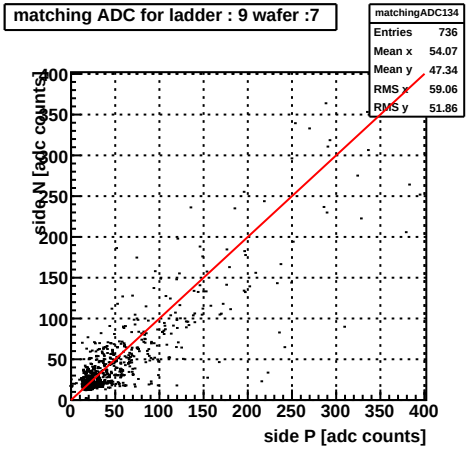

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 835
Mean x 54.13
Mean y 53.31
RMS x 54.37
RMS y 55.61
side N [adc counts]
side P [adc counts]

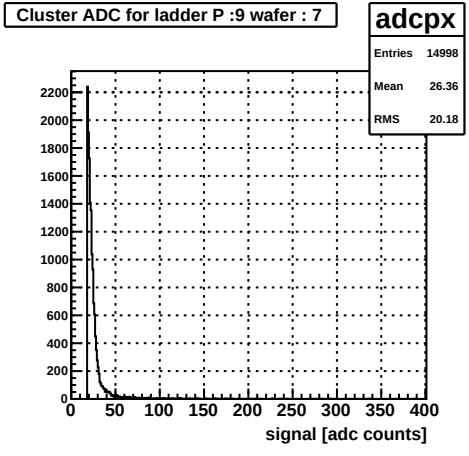

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9555
Mean 28.31
RMS 23.45
signal [adc counts]

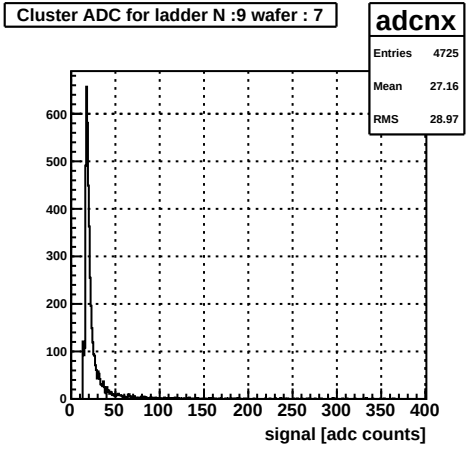

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9446
Mean 22.1
RMS 21.73
signal [adc counts]

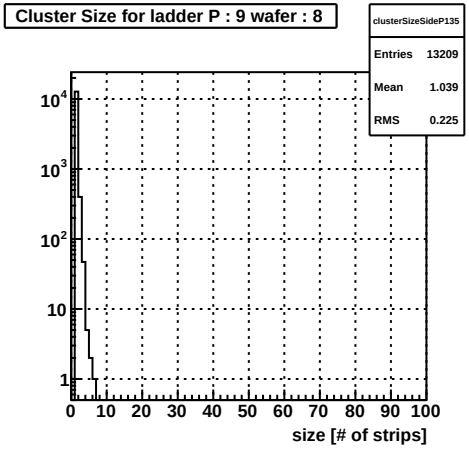

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14998
Mean 1.038
RMS 0.2322
size [# of strips]

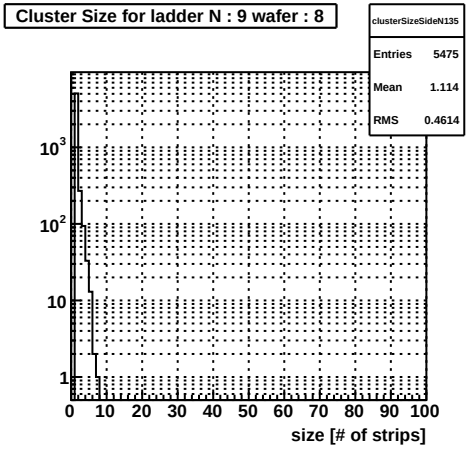

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4725
Mean 1.068
RMS 0.3449
size [# of strips]

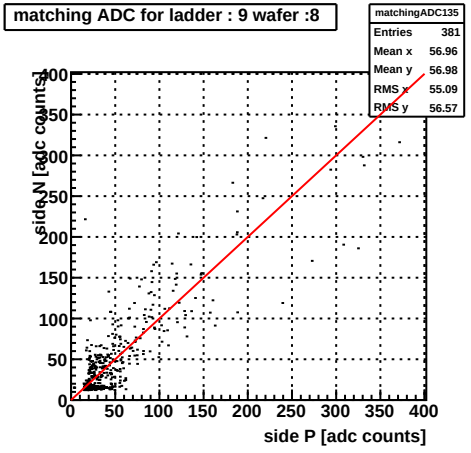

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 736
Mean x 54.07
Mean y 47.34
RMS x 59.06
RMS y 51.86
side N [adc counts]
side P [adc counts]

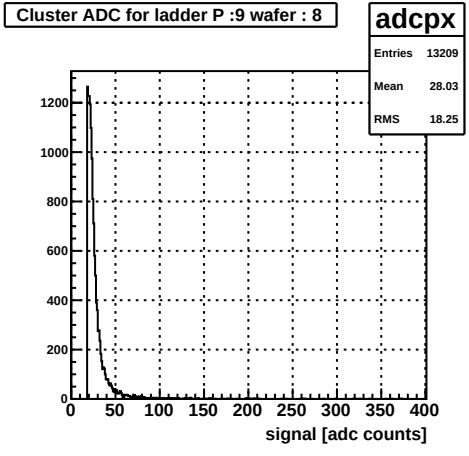

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14998
Mean 26.36
RMS 20.18
signal [adc counts]

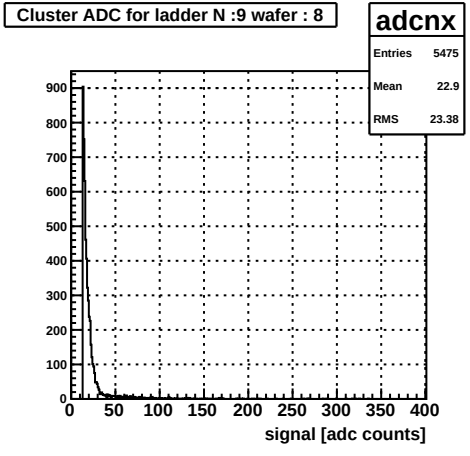

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4725
Mean 27.16
RMS 28.97
signal [adc counts]

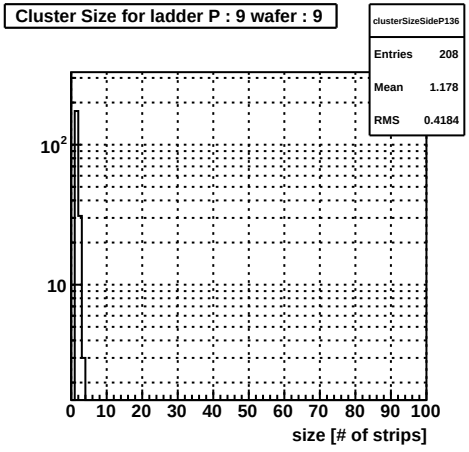

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13209
Mean 1.039
RMS 0.225
size [# of strips]

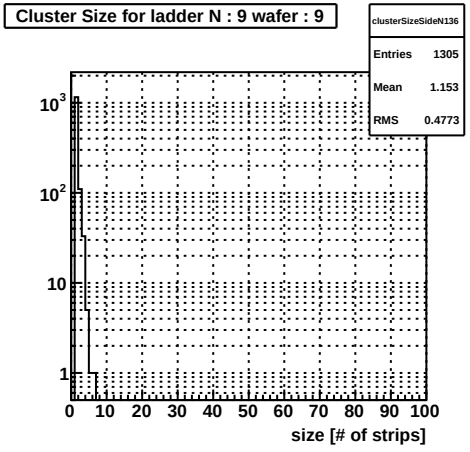

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5475
Mean 1.114
RMS 0.4614
size [# of strips]

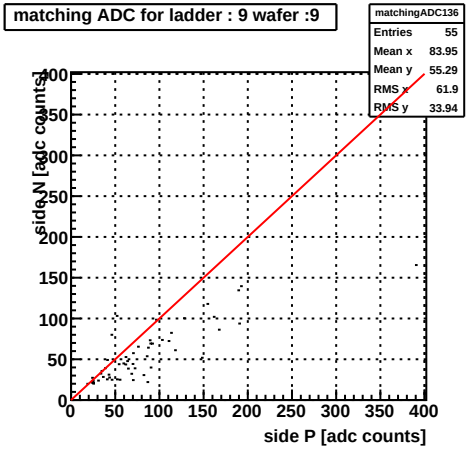

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 381
Mean x 56.96
Mean y 56.98
RMS x 55.09
RMS y 56.57
side N [adc counts]
side P [adc counts]

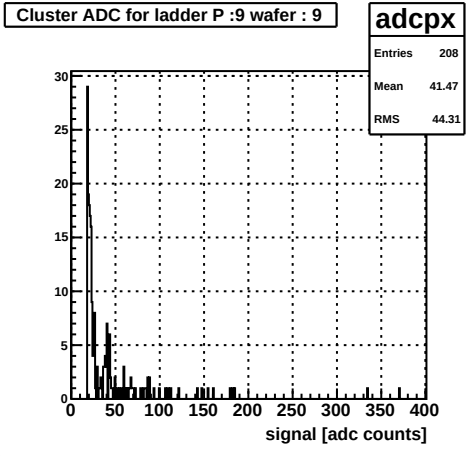

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13209
Mean 28.03
RMS 18.25
signal [adc counts]

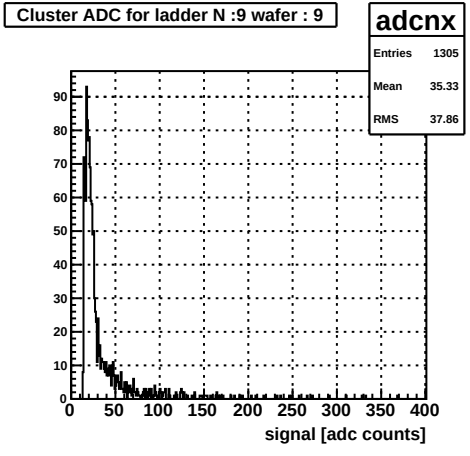

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5475
Mean 22.9
RMS 23.38
signal [adc counts]

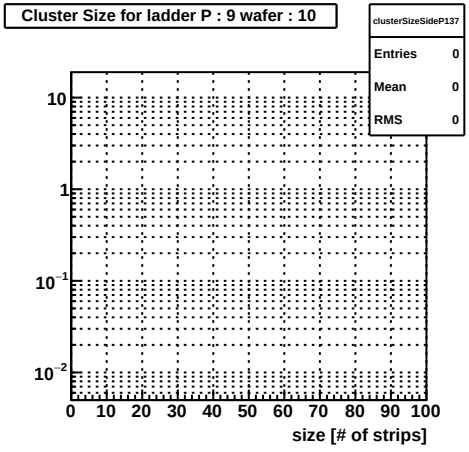

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 208
Mean 1.178
RMS 0.4184
size [# of strips]

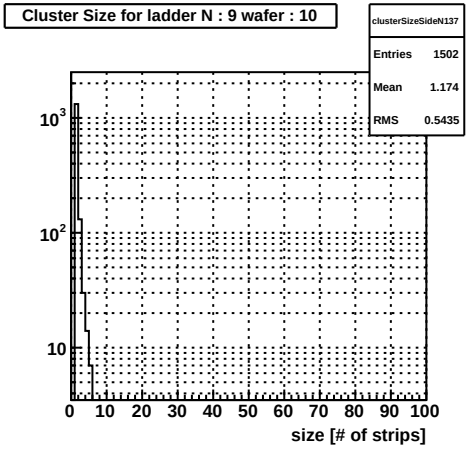

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1305
Mean 1.153
RMS 0.4773
size [# of strips]

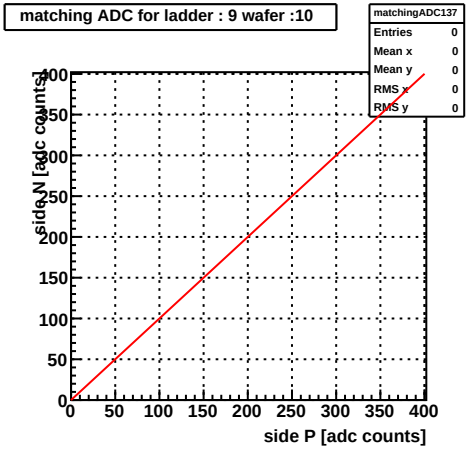

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 55
Mean x 83.95
Mean y 55.29
RMS x 61.9
RMS y 33.94
side N [adc counts]
side P [adc counts]

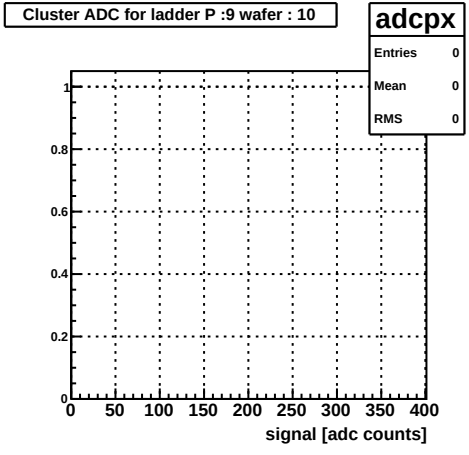

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 208
Mean 41.47
RMS 44.31
signal [adc counts]

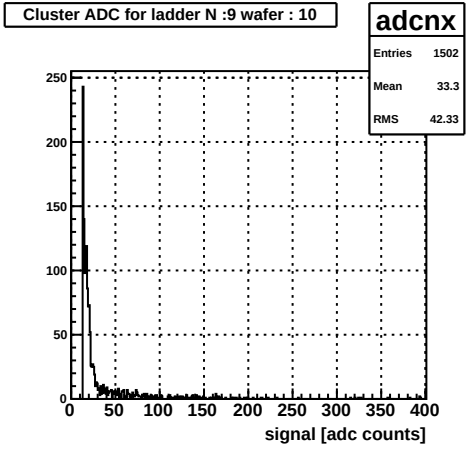

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1305
Mean 35.33
RMS 37.86
signal [adc counts]

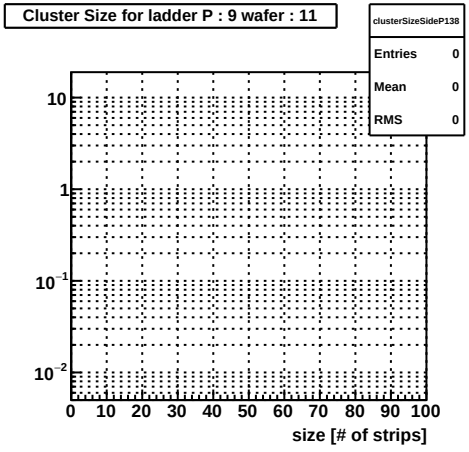

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

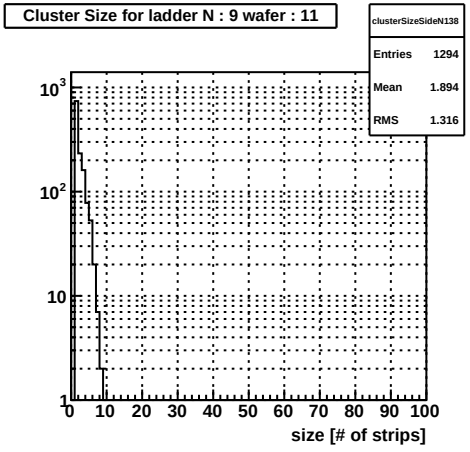

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1502
Mean 1.174
RMS 0.5435
size [# of strips]

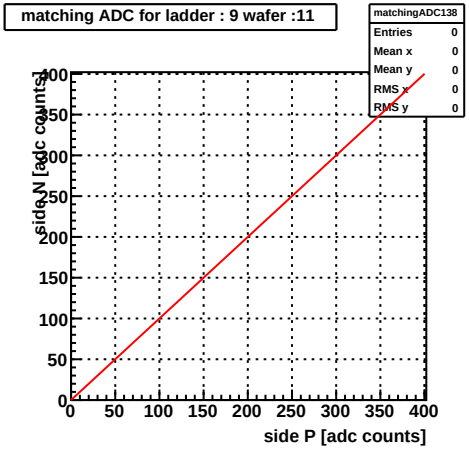

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

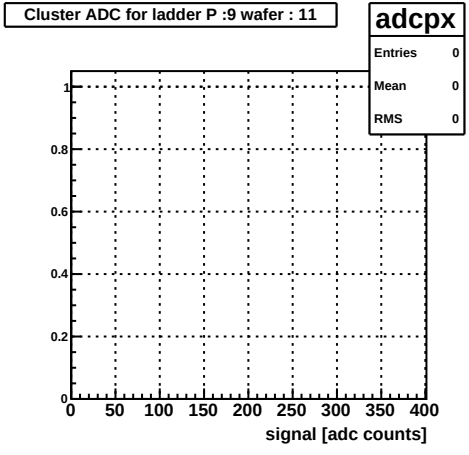

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

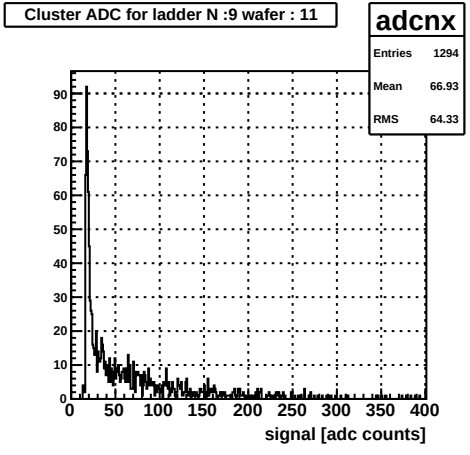

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1502
Mean 33.3
RMS 42.33
signal [adc counts]

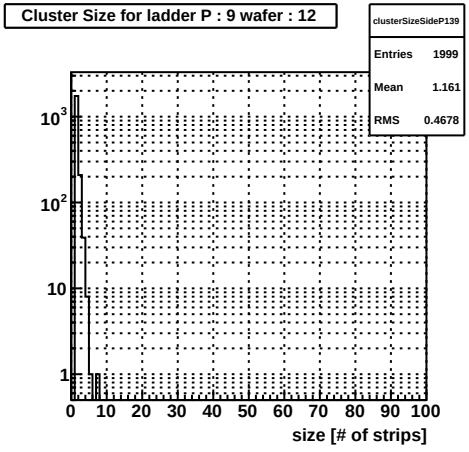

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

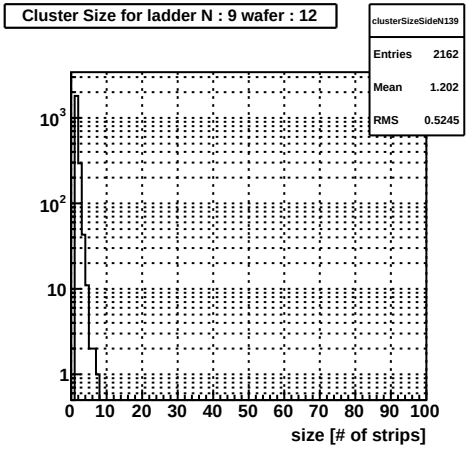

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1294
Mean 1.894
RMS 1.316
size [# of strips]

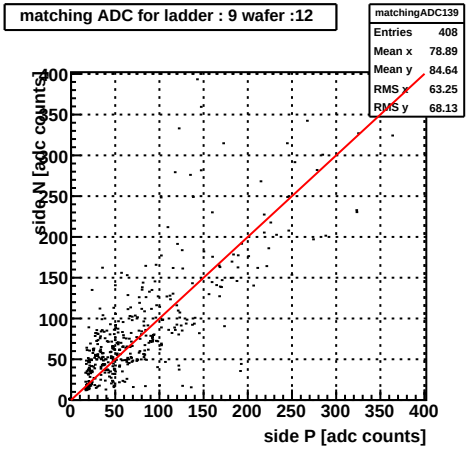

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

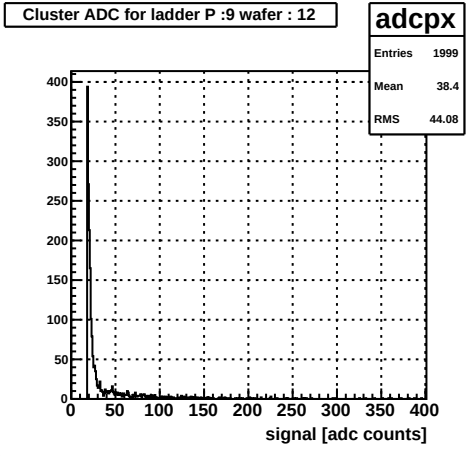

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

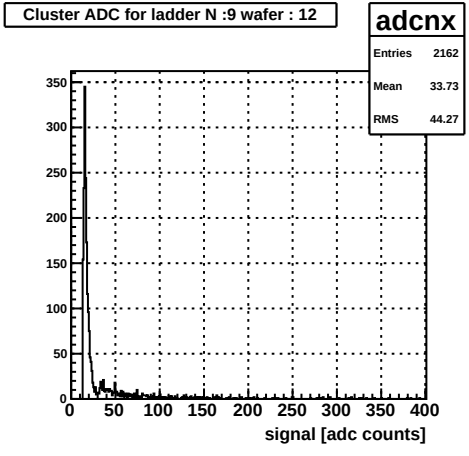

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1294
Mean 66.93
RMS 64.33
signal [adc counts]

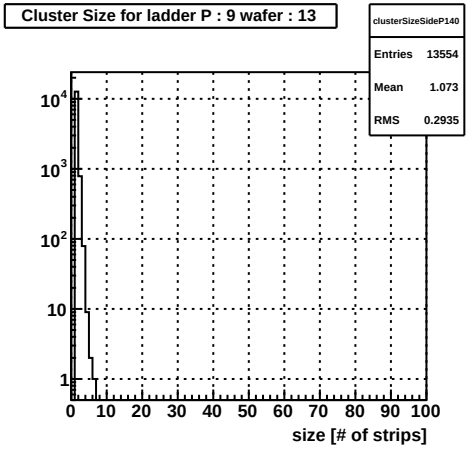

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1999
Mean 1.161
RMS 0.4678
size [# of strips]

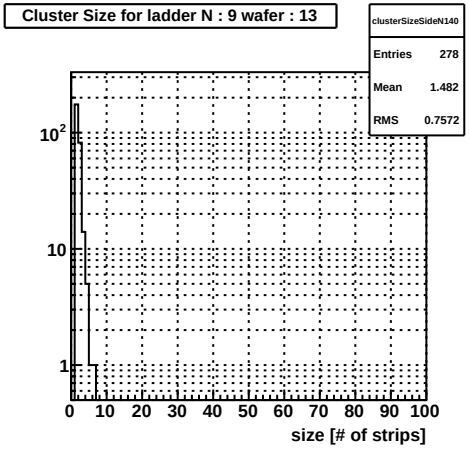

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2162
Mean 1.202
RMS 0.5245
size [# of strips]

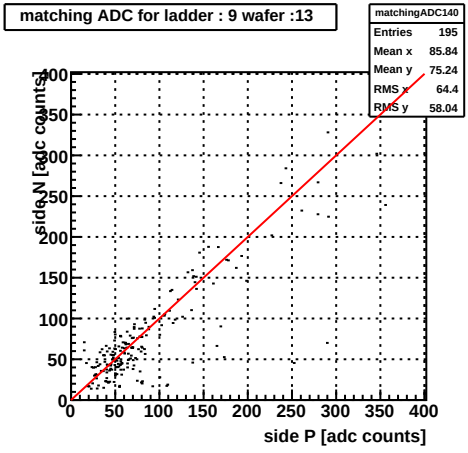

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 408
Mean x 78.89
Mean y 84.64
RMS x 63.25
RMS y 68.13
side N [adc counts]
side P [adc counts]

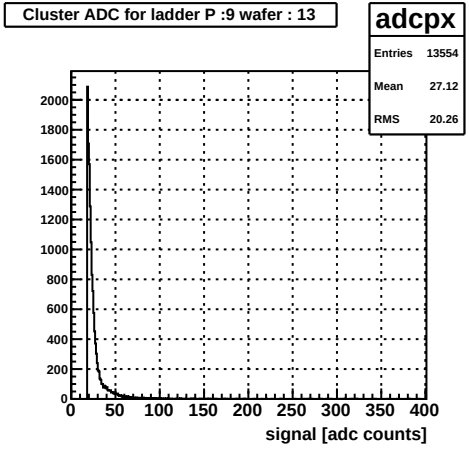

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1999
Mean 38.4
RMS 44.08
signal [adc counts]

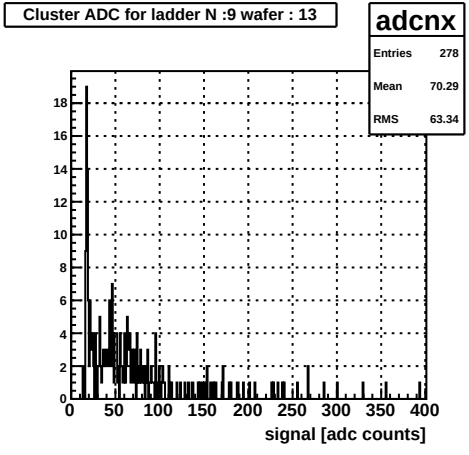

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2162
Mean 33.73
RMS 44.27
signal [adc counts]

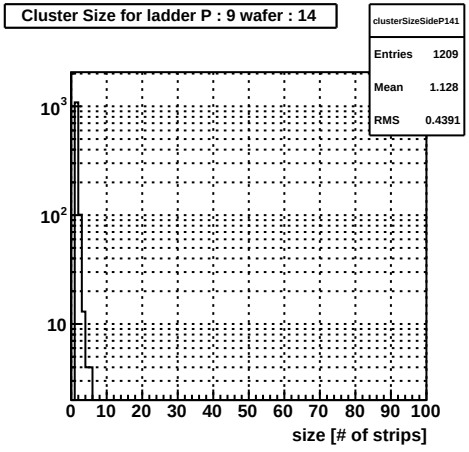

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13554
Mean 1.073
RMS 0.2935
size [# of strips]

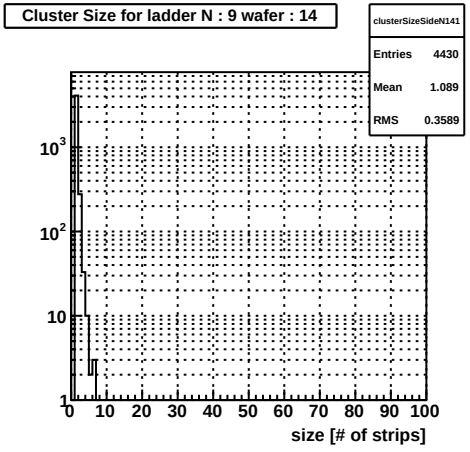

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 278
Mean 1.482
RMS 0.7572
size [# of strips]

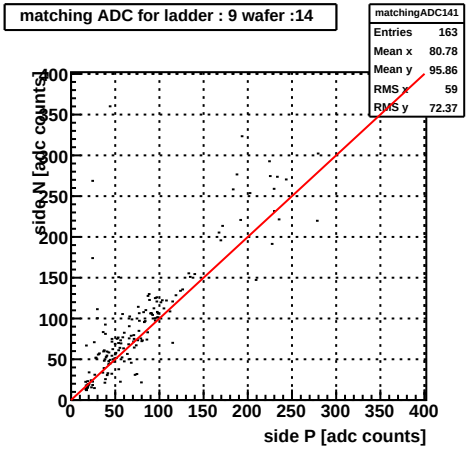

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 195
Mean x 85.84
Mean y 75.24
RMS x 64.4
RMS y 58.04
side N [adc counts]
side P [adc counts]

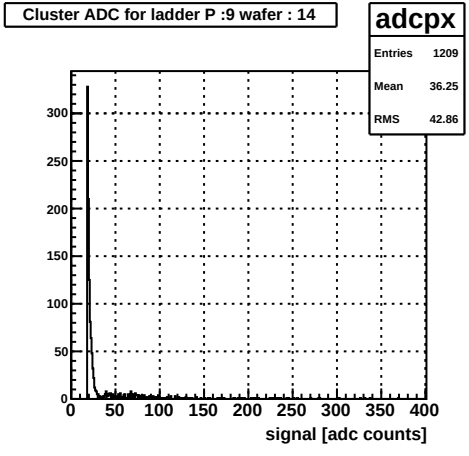

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13554
Mean 27.12
RMS 20.26
signal [adc counts]

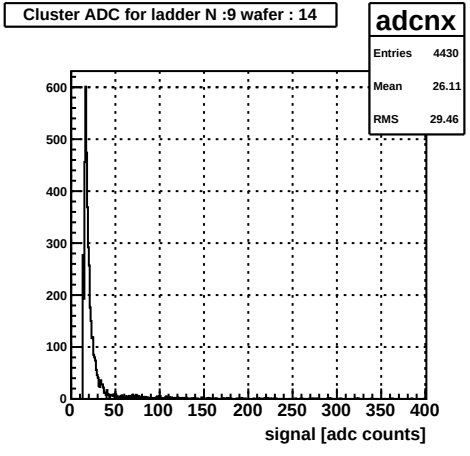

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 278
Mean 70.29
RMS 63.34
signal [adc counts]

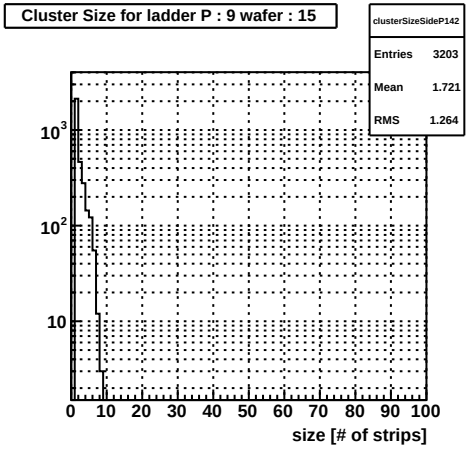

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1209
Mean 1.128
RMS 0.4391
size [# of strips]

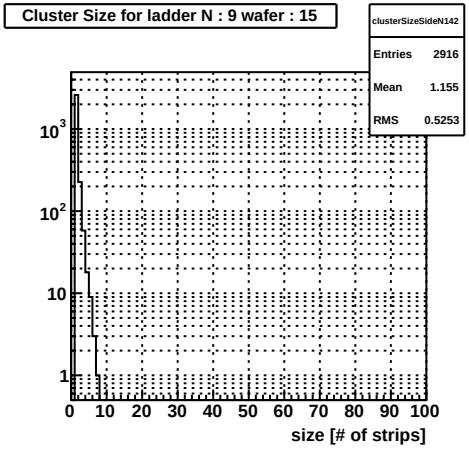

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4430
Mean 1.089
RMS 0.3589
size [# of strips]

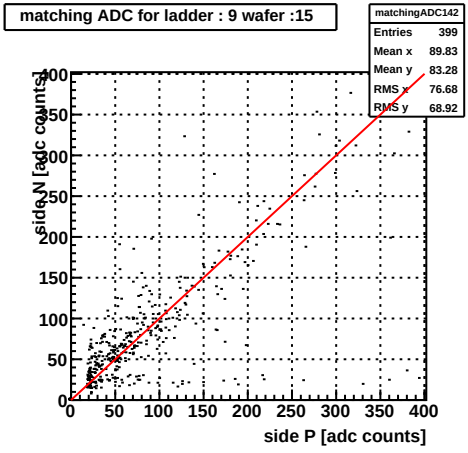

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 163
Mean x 80.78
Mean y 95.86
RMS x 59
RMS y 72.37
side N [adc counts]
side P [adc counts]

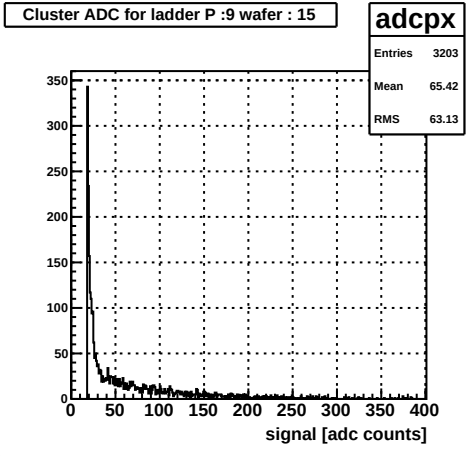

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1209
Mean 36.25
RMS 42.86
signal [adc counts]

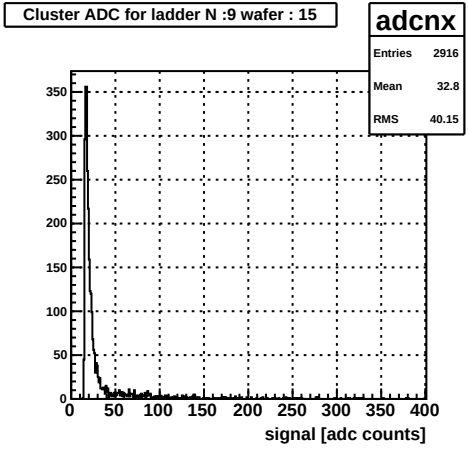

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4430
Mean 26.11
RMS 29.46
signal [adc counts]

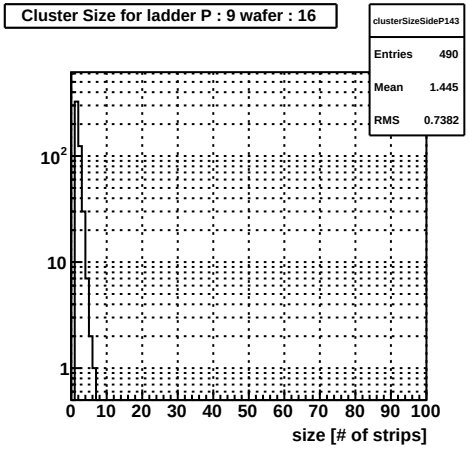

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3203
Mean 1.721
RMS 1.264
size [# of strips]

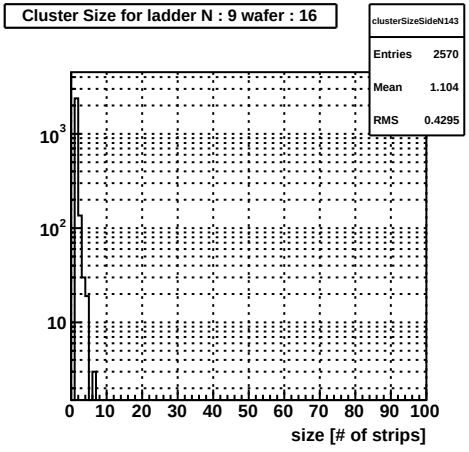

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2916
Mean 1.155
RMS 0.5253
size [# of strips]

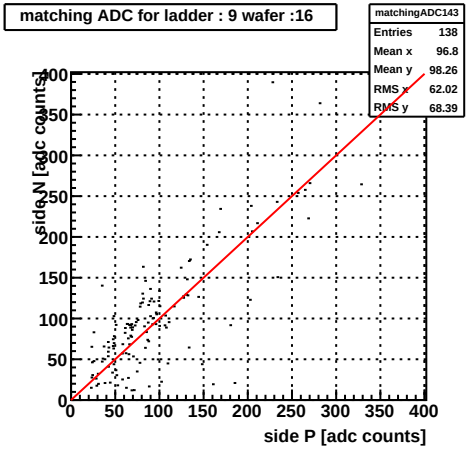

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 399
Mean x 89.83
Mean y 83.28
RMS x 76.68
RMS y 68.92
side N [adc counts]
side P [adc counts]

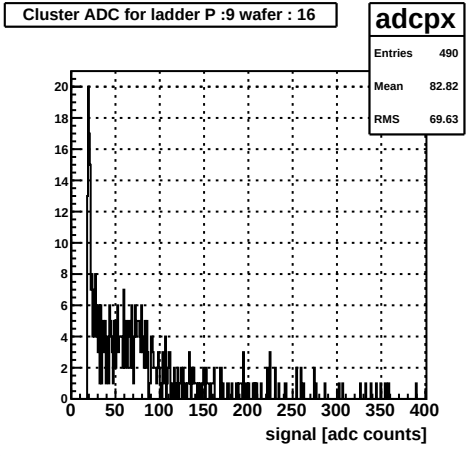

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3203
Mean 65.42
RMS 63.13
signal [adc counts]

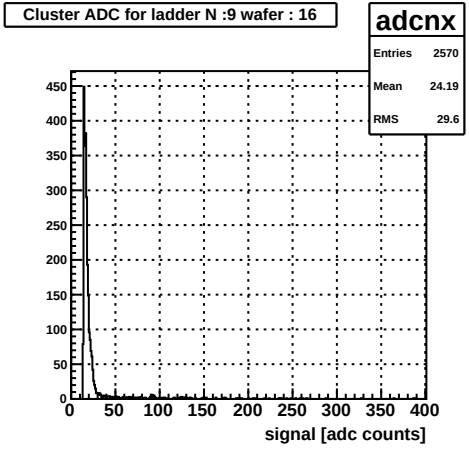

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2916
Mean 32.8
RMS 40.15
signal [adc counts]

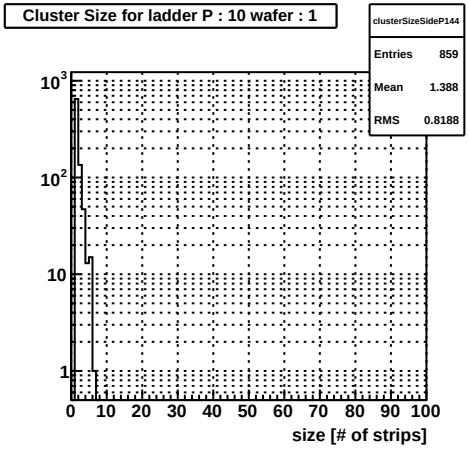

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 490
Mean 1.445
RMS 0.7382
size [# of strips]

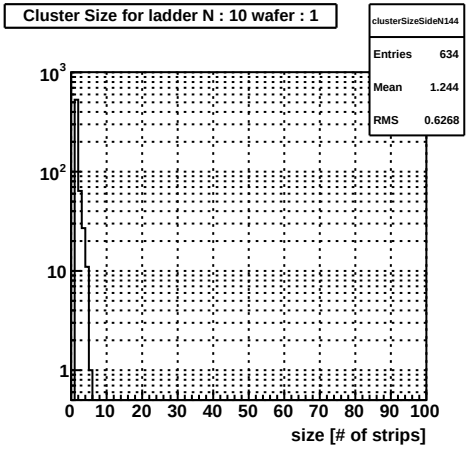

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2570
Mean 1.104
RMS 0.4295
size [# of strips]

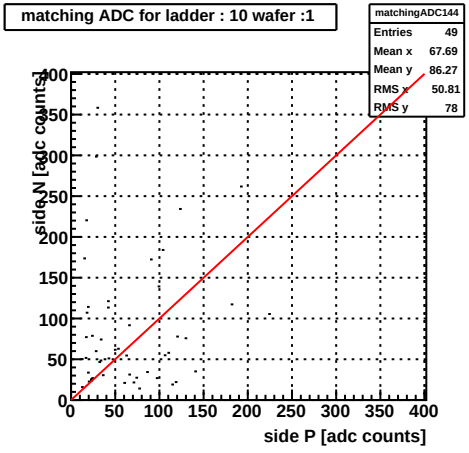

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 138
Mean x 96.8
Mean y 98.26
RMS x 62.02
RMS y 68.39
side N [adc counts]
side P [adc counts]

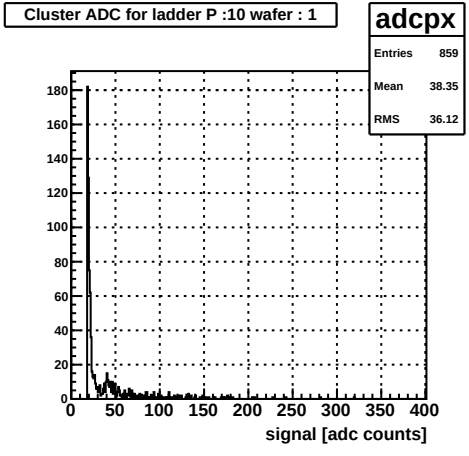

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 490
Mean 82.82
RMS 69.63
signal [adc counts]

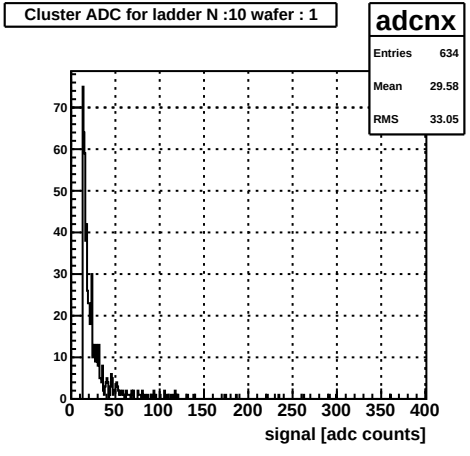

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2570
Mean 24.19
RMS 29.6
signal [adc counts]

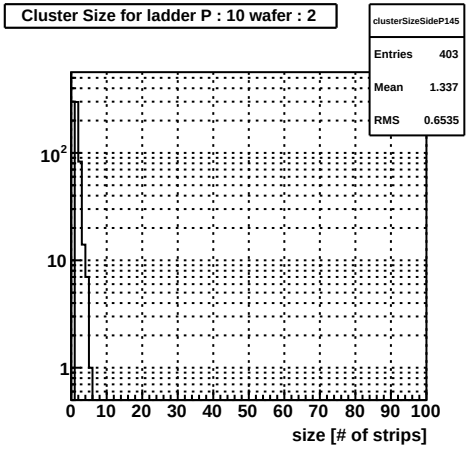

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 859
Mean 1.388
RMS 0.8188
size [# of strips]

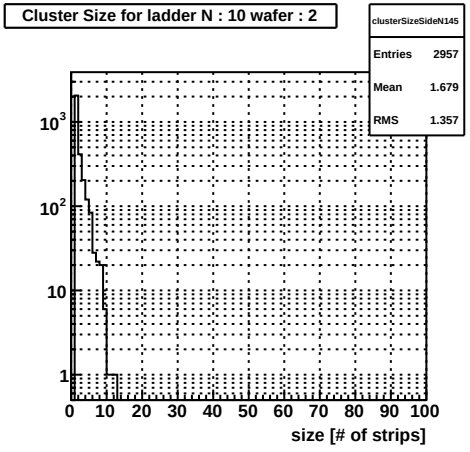

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 634
Mean 1.244
RMS 0.6268
size [# of strips]

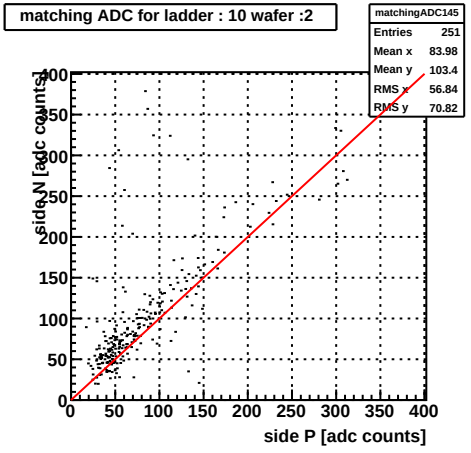

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 49
Mean x 67.69
Mean y 86.27
RMS x 50.81
RMS y 78
side N [adc counts]
side P [adc counts]

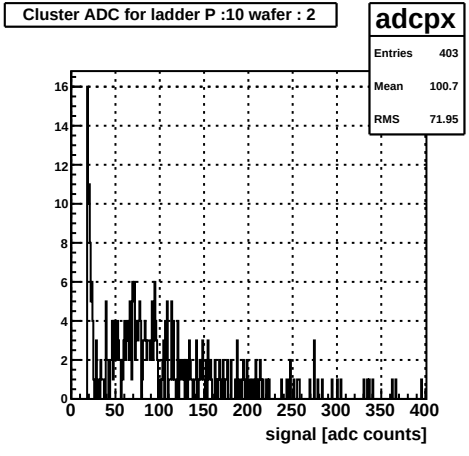

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 859
Mean 38.35
RMS 36.12
signal [adc counts]

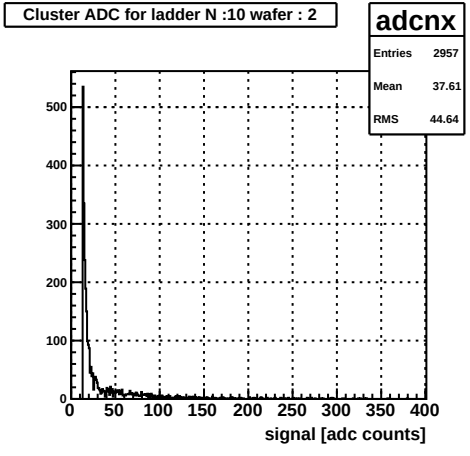

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 634
Mean 29.58
RMS 33.05
signal [adc counts]

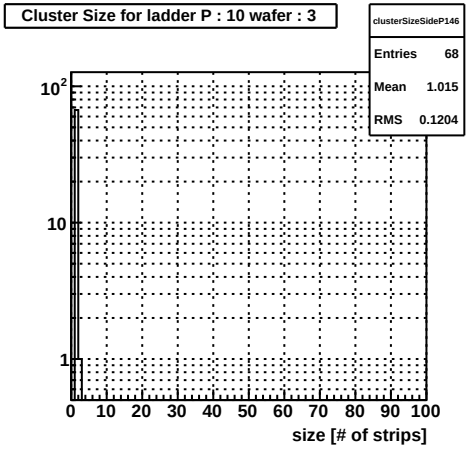

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 403
Mean 1.337
RMS 0.6535
size [# of strips]

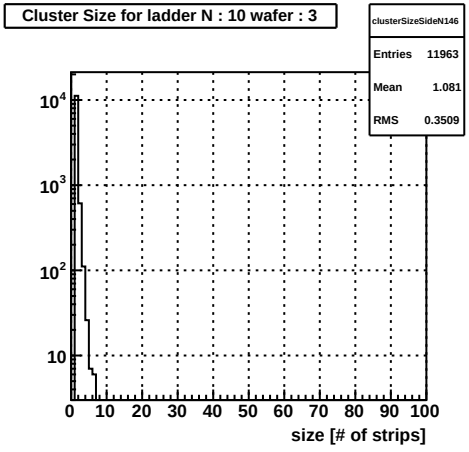

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2957
Mean 1.679
RMS 1.357
size [# of strips]

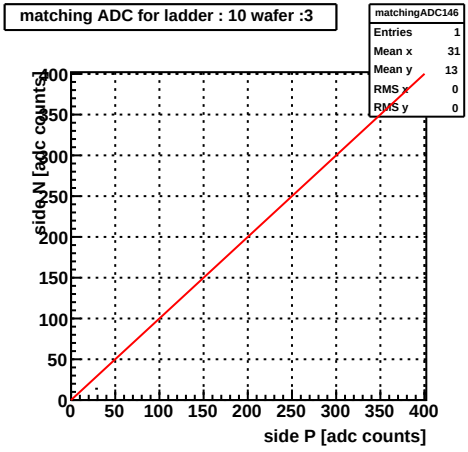

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 251
Mean x 83.98
Mean y 103.4
RMS x 56.84
RMS y 70.82
side N [adc counts]
side P [adc counts]

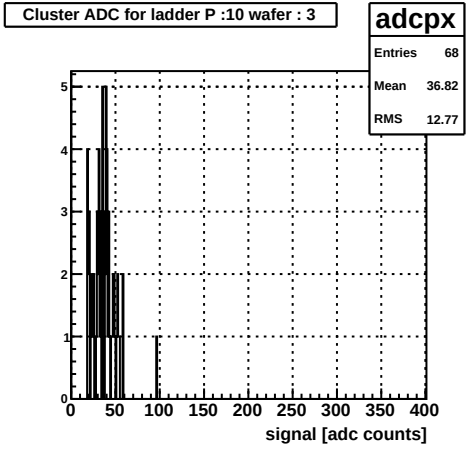

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 403
Mean 100.7
RMS 71.95
signal [adc counts]

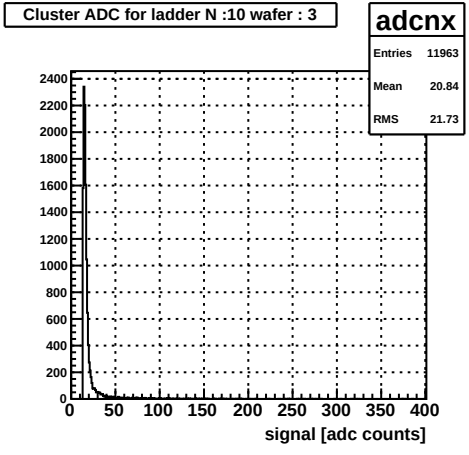

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2957
Mean 37.61
RMS 44.64
signal [adc counts]

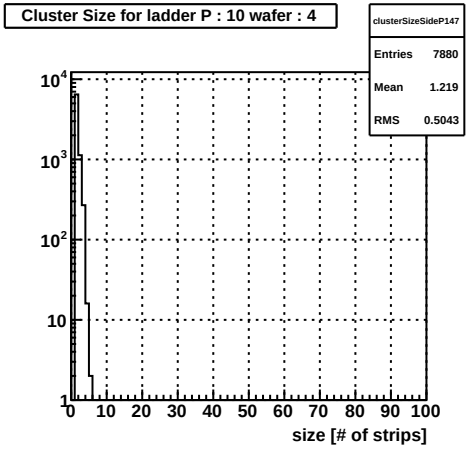

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 68
Mean 1.015
RMS 0.1204
size [# of strips]

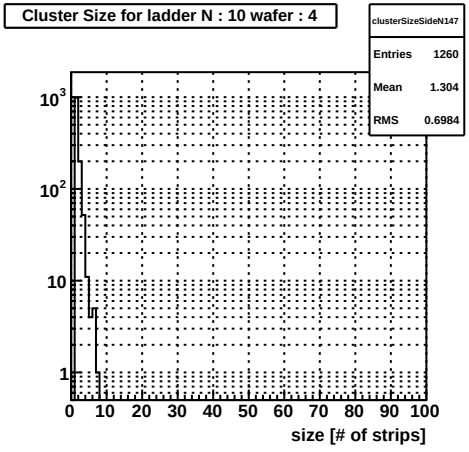

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11963
Mean 1.081
RMS 0.3509
size [# of strips]

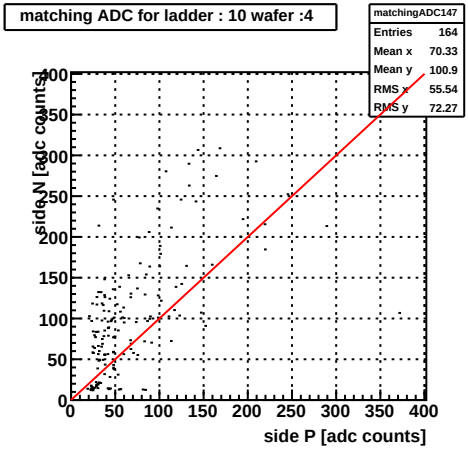

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 31
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

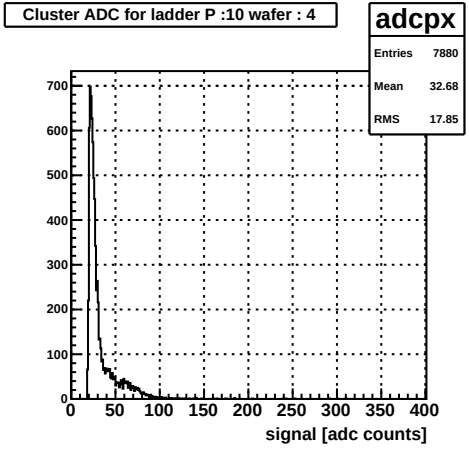

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 68
Mean 36.82
RMS 12.77
signal [adc counts]

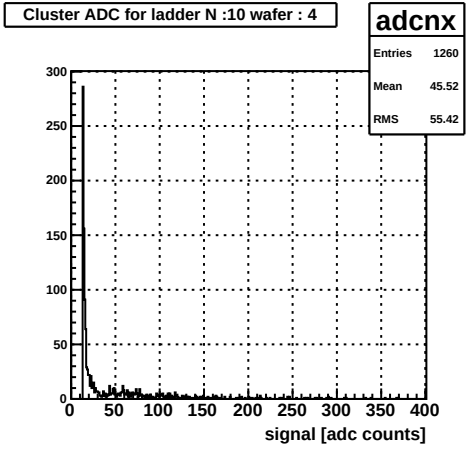

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11963
Mean 20.84
RMS 21.73
signal [adc counts]

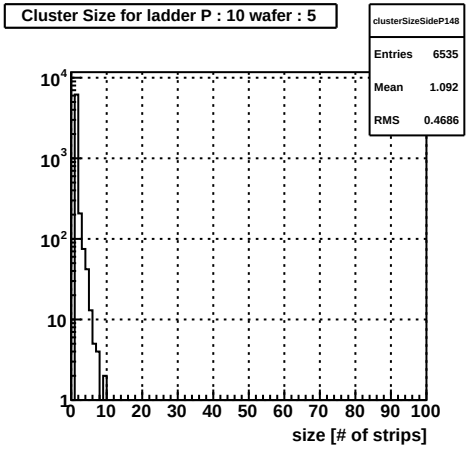

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7880
Mean 1.219
RMS 0.5043
size [# of strips]

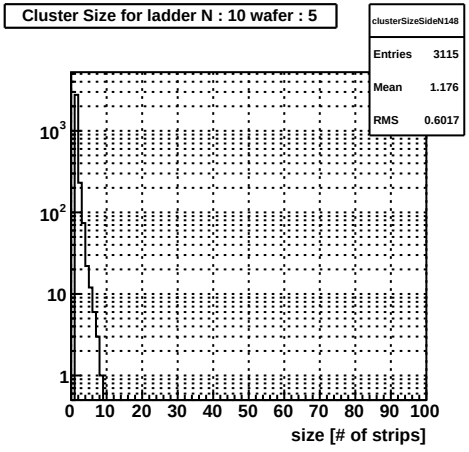

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1260
Mean 1.304
RMS 0.6984
size [# of strips]

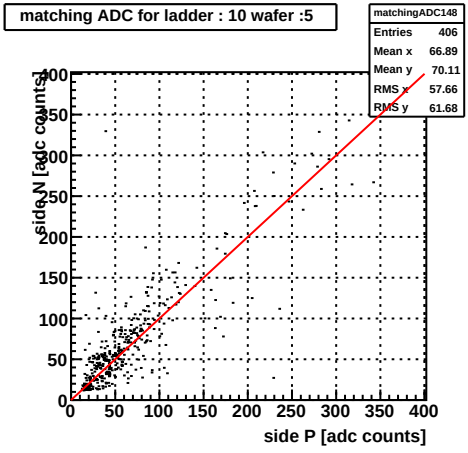

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 164
Mean x 70.33
Mean y 100.9
RMS x 55.54
RMS y 72.27
side N [adc counts]
side P [adc counts]

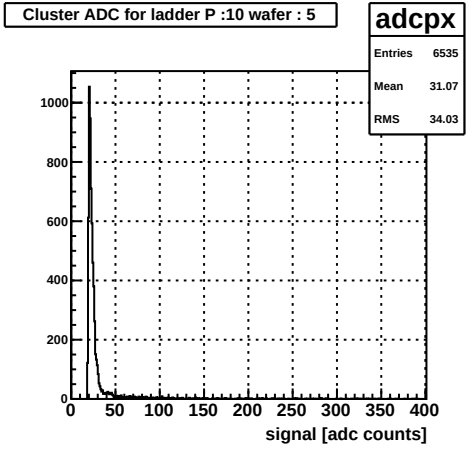

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7880
Mean 32.68
RMS 17.85
signal [adc counts]

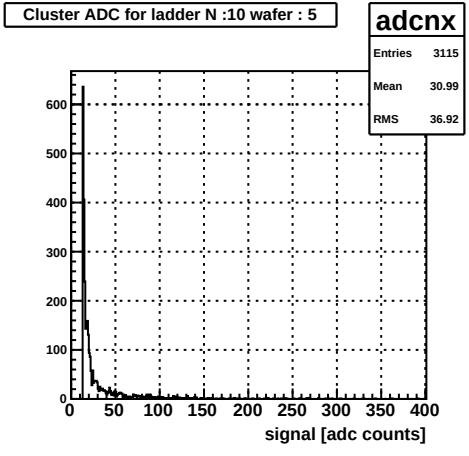

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1260
Mean 45.52
RMS 55.42
signal [adc counts]

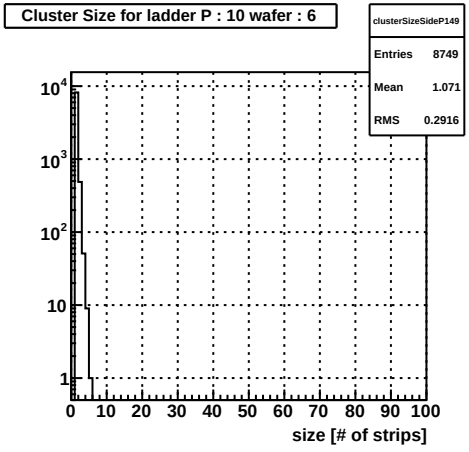

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6535
Mean 1.092
RMS 0.4686
size [# of strips]

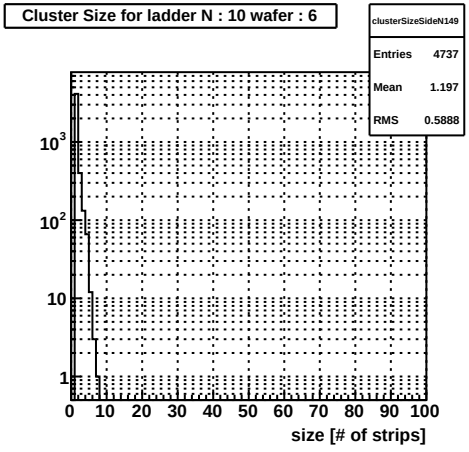

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3115
Mean 1.176
RMS 0.6017
size [# of strips]

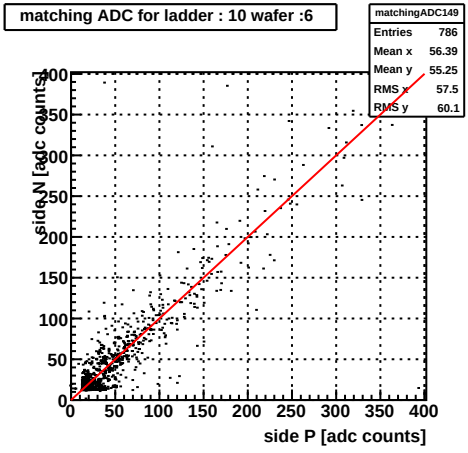

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 406
Mean x 66.89
Mean y 70.11
RMS x 57.66
RMS y 61.68
side N [adc counts]
side P [adc counts]

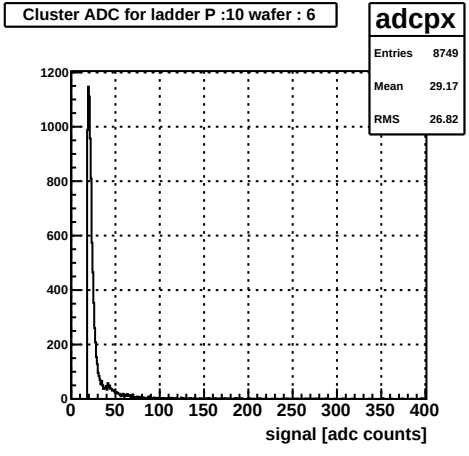

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6535
Mean 31.07
RMS 34.03
signal [adc counts]

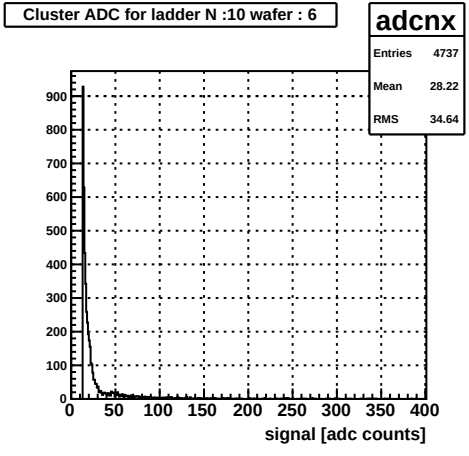

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3115
Mean 30.99
RMS 36.92
signal [adc counts]

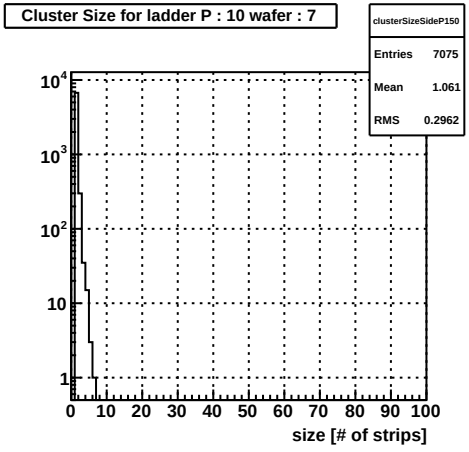

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8749
Mean 1.071
RMS 0.2916
size [# of strips]

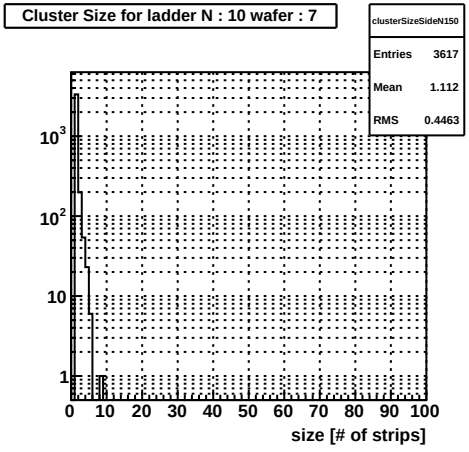

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4737
Mean 1.197
RMS 0.5888
size [# of strips]

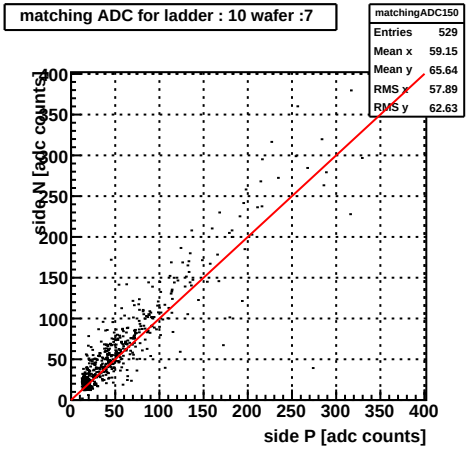

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 786
Mean x 56.39
Mean y 55.25
RMS x 57.5
RMS y 60.1
side N [adc counts]
side P [adc counts]

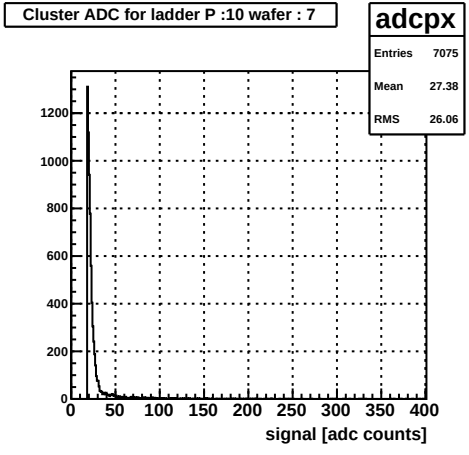

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8749
Mean 29.17
RMS 26.82
signal [adc counts]

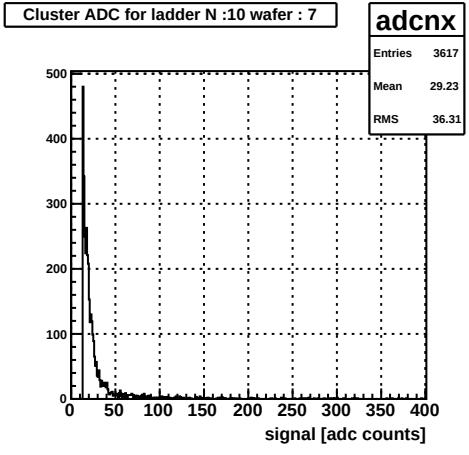

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4737
Mean 28.22
RMS 34.64
signal [adc counts]

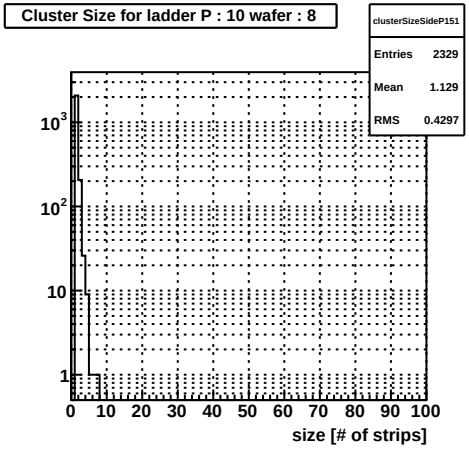

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7075
Mean 1.061
RMS 0.2962
size [# of strips]

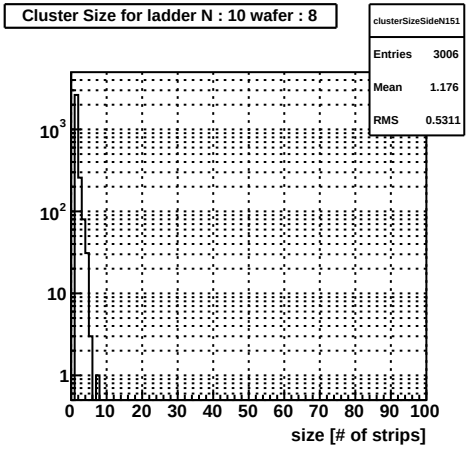

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3617
Mean 1.112
RMS 0.4463
size [# of strips]

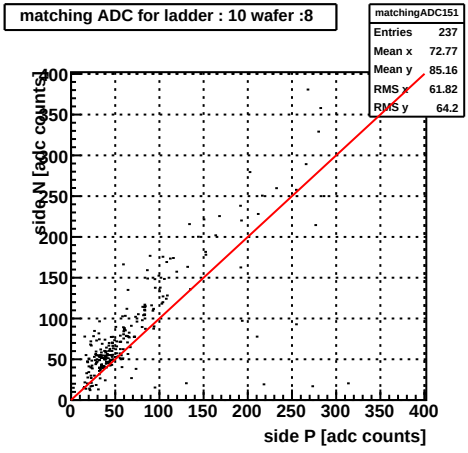

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 529
Mean x 59.15
Mean y 65.64
RMS x 57.89
RMS y 62.63
side N [adc counts]
side P [adc counts]

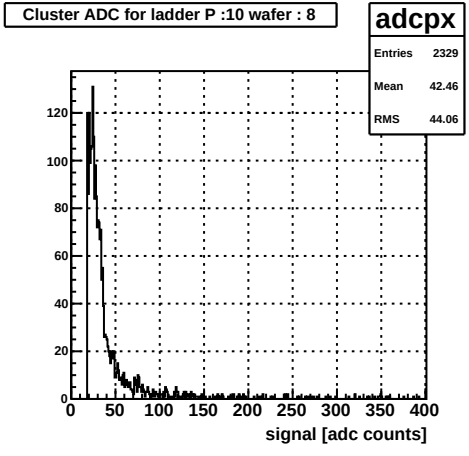

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7075
Mean 27.38
RMS 26.06
signal [adc counts]

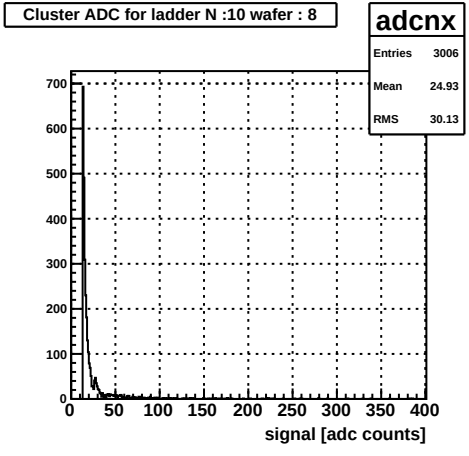

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3617
Mean 29.23
RMS 36.31
signal [adc counts]

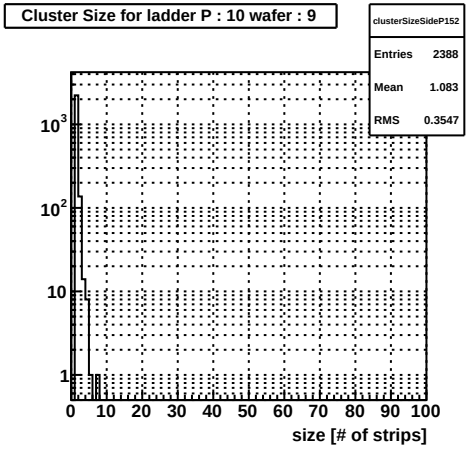

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2329
Mean 1.129
RMS 0.4297
size [# of strips]

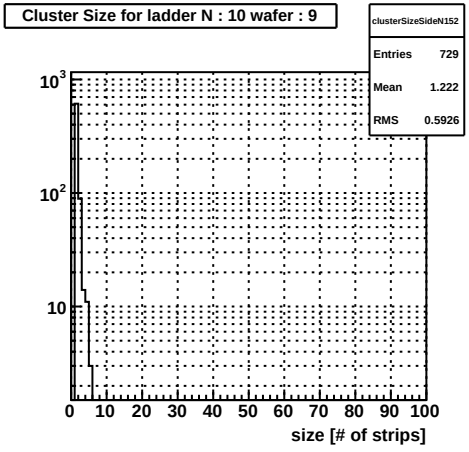

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3006
Mean 1.176
RMS 0.5311
size [# of strips]

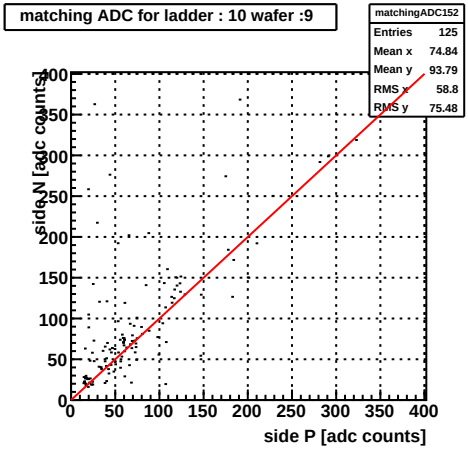

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 237
Mean x 72.77
Mean y 85.16
RMS x 61.82
RMS y 64.2
side N [adc counts]
side P [adc counts]

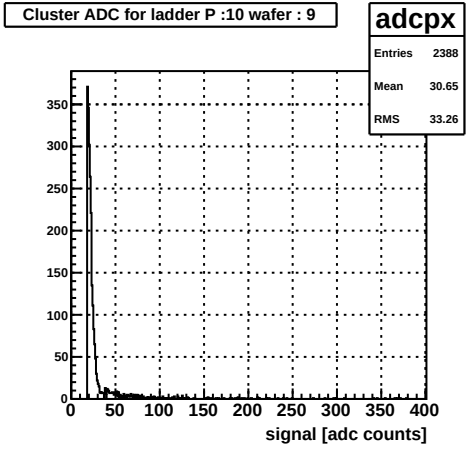

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2329
Mean 42.46
RMS 44.06
signal [adc counts]

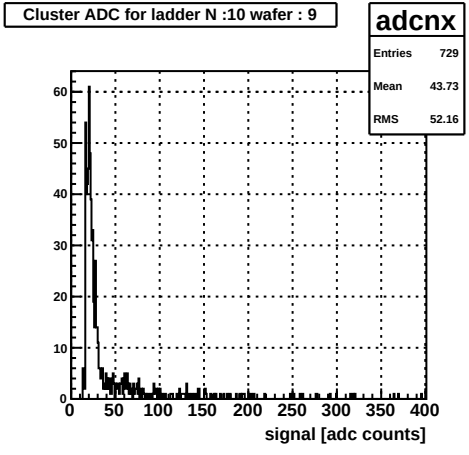

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3006
Mean 24.93
RMS 30.13
signal [adc counts]

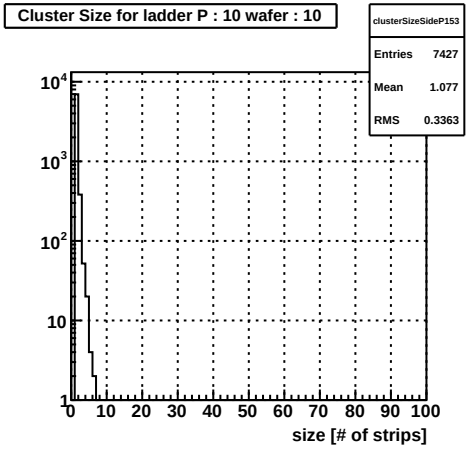

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2388
Mean 1.083
RMS 0.3547
size [# of strips]

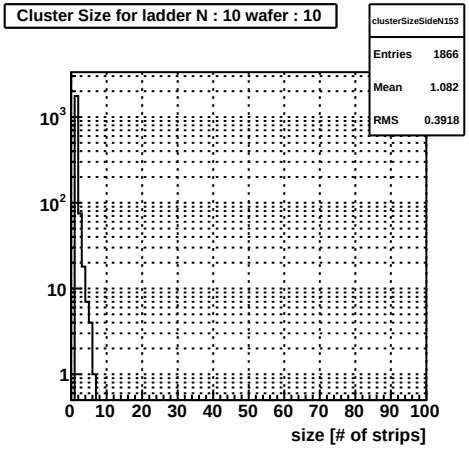

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 729
Mean 1.222
RMS 0.5926
size [# of strips]

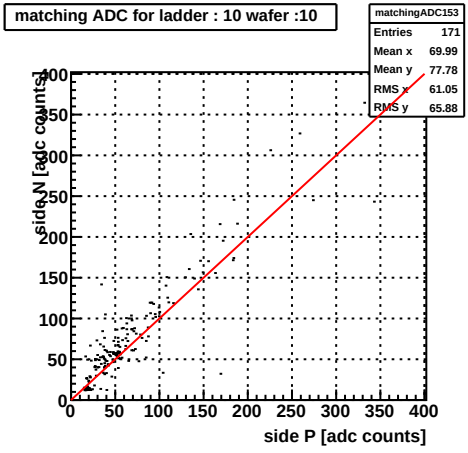

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 125
Mean x 74.84
Mean y 93.79
RMS x 58.8
RMS y 75.48
side N [adc counts]
side P [adc counts]

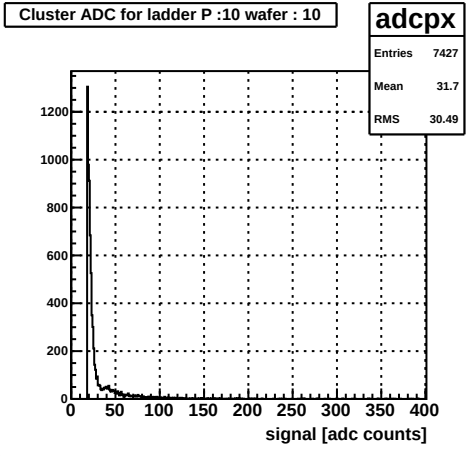

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2388
Mean 30.65
RMS 33.26
signal [adc counts]

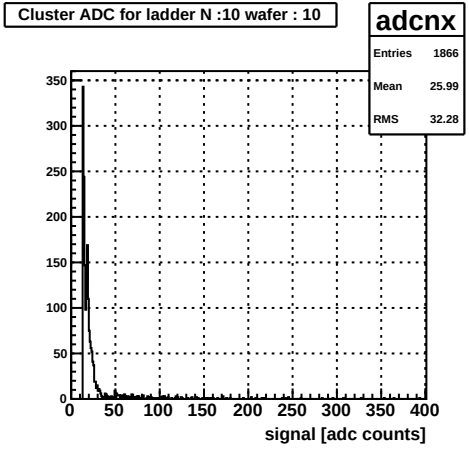

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 729
Mean 43.73
RMS 52.16
signal [adc counts]

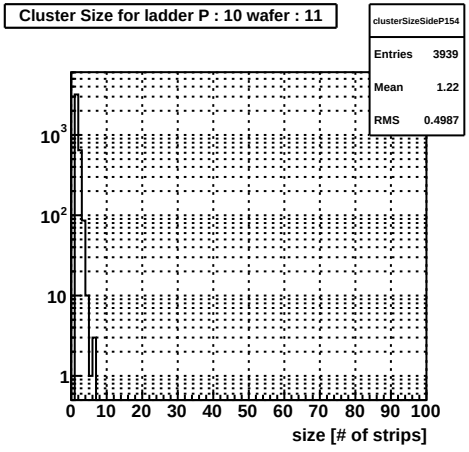

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 7427
Mean 1.077
RMS 0.3363
size [# of strips]

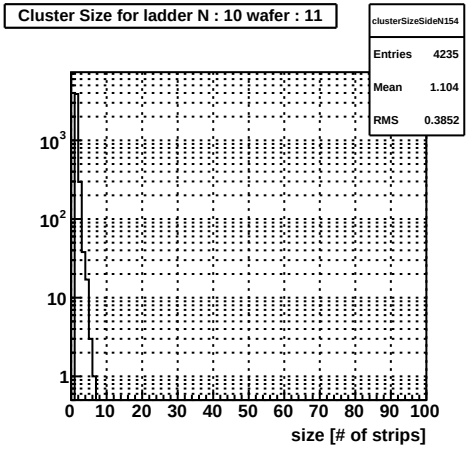

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1866
Mean 1.082
RMS 0.3918
size [# of strips]

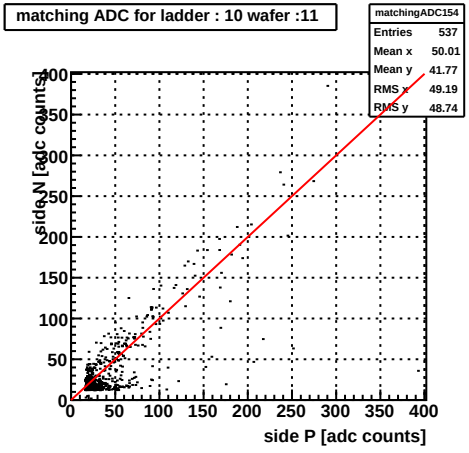

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 171
Mean x 69.99
Mean y 77.78
RMS x 61.05
RMS y 65.88
side N [adc counts]
side P [adc counts]

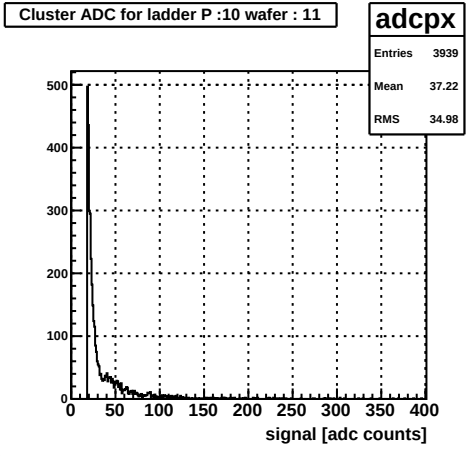

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 7427
Mean 31.7
RMS 30.49
signal [adc counts]

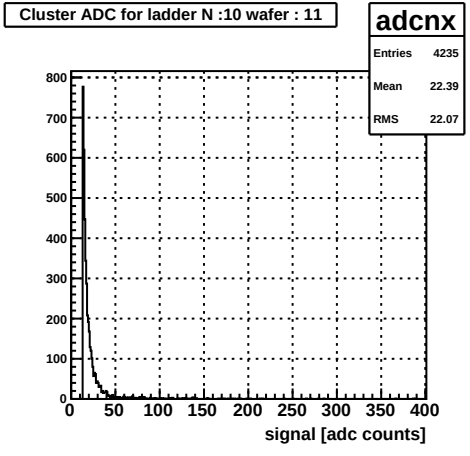

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1866
Mean 25.99
RMS 32.28
signal [adc counts]

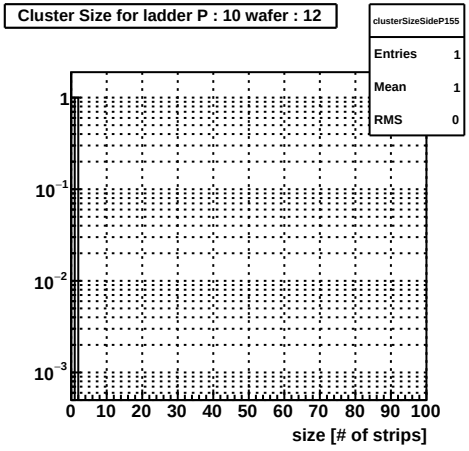

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3939
Mean 1.22
RMS 0.4987
size [# of strips]

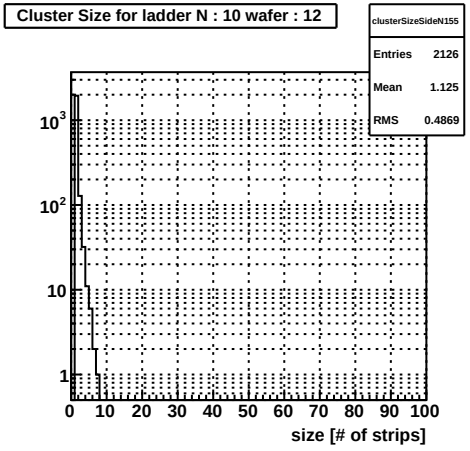

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4235
Mean 1.104
RMS 0.3852
size [# of strips]

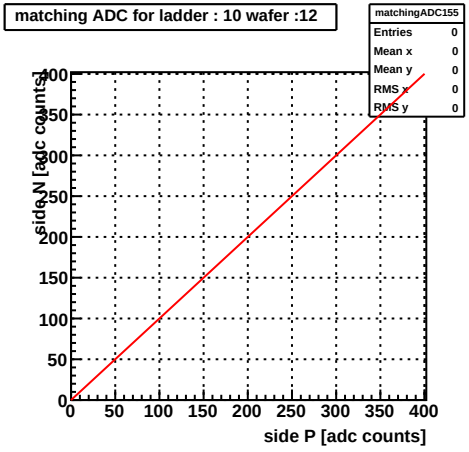

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 537
Mean x 50.01
Mean y 41.77
RMS x 49.19
RMS y 48.74
side N [adc counts]
side P [adc counts]

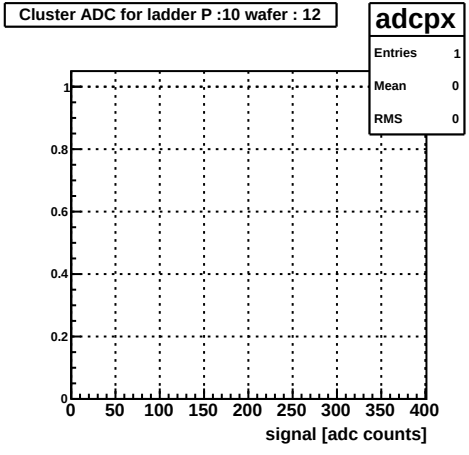

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3939
Mean 37.22
RMS 34.98
signal [adc counts]

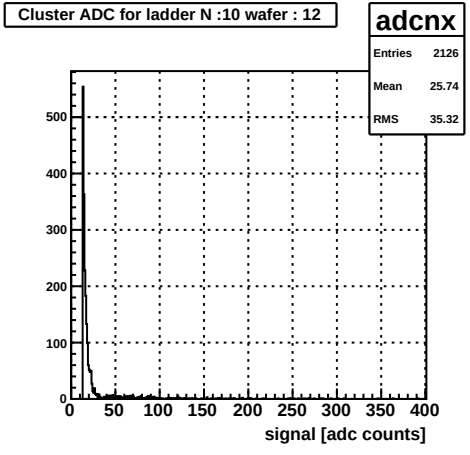

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4235
Mean 22.39
RMS 22.07
signal [adc counts]

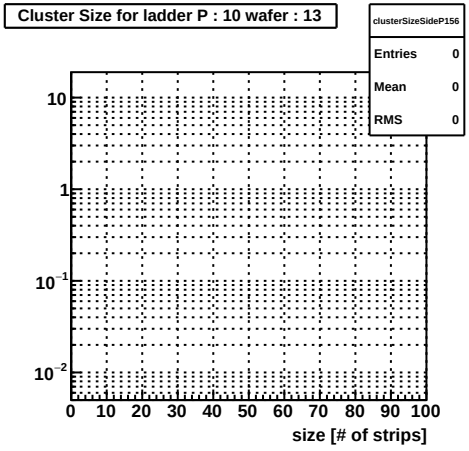

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

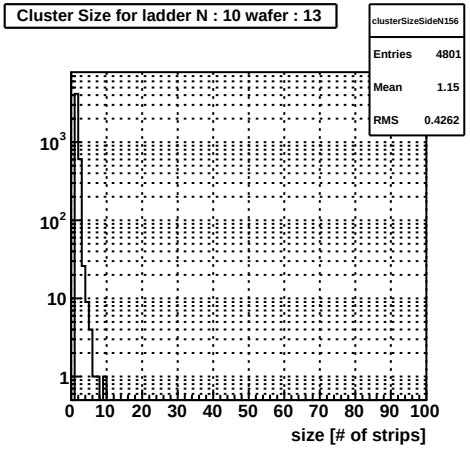

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2126
Mean 1.125
RMS 0.4869
size [# of strips]

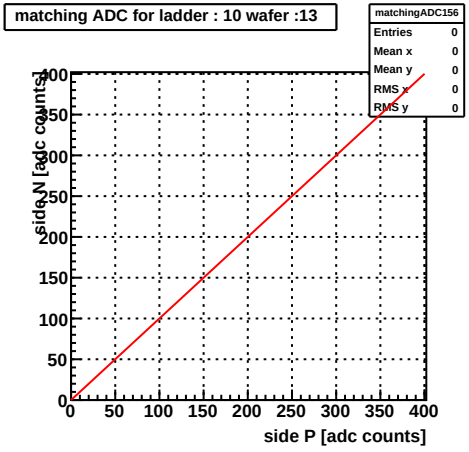

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

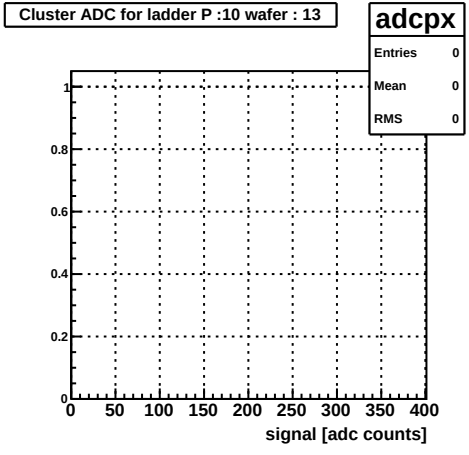

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

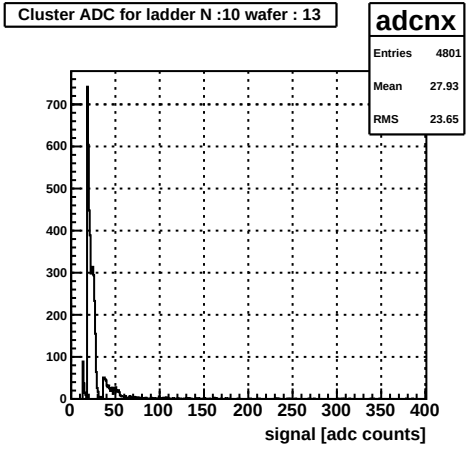

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2126
Mean 25.74
RMS 35.32
signal [adc counts]

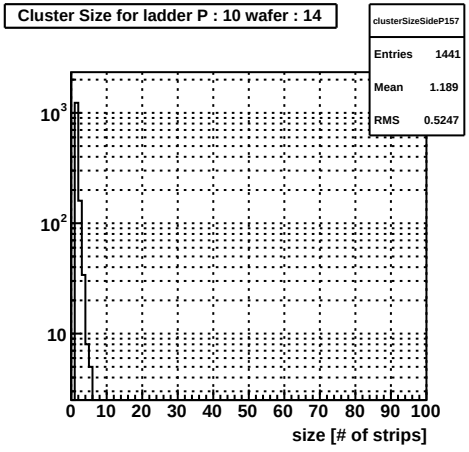

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

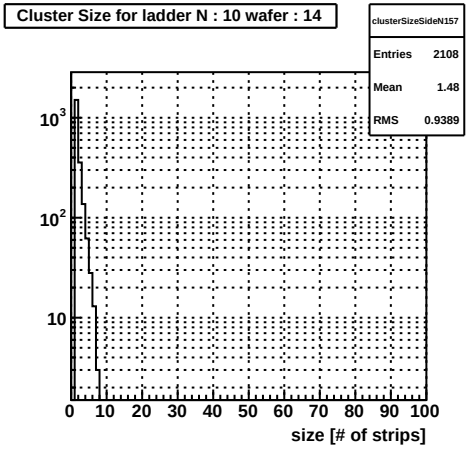

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4801
Mean 1.15
RMS 0.4262
size [# of strips]

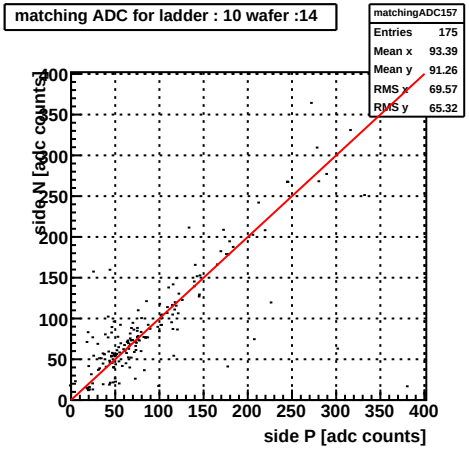

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

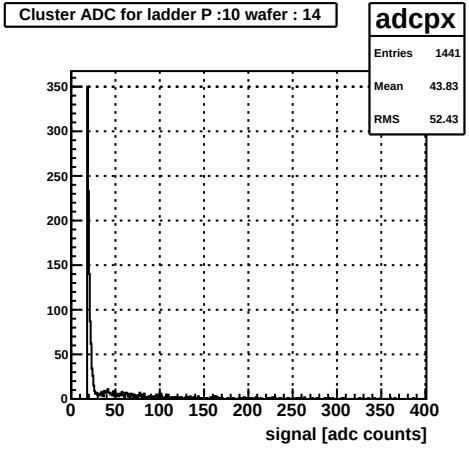

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

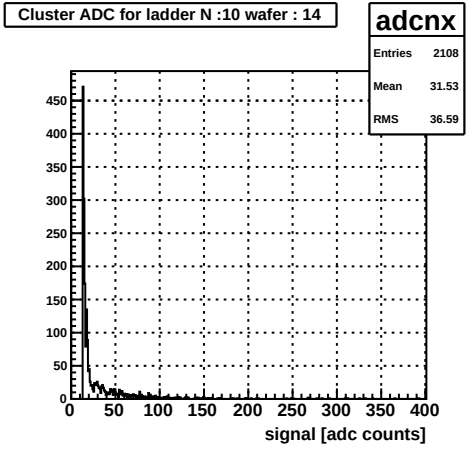

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4801
Mean 27.93
RMS 23.65
signal [adc counts]

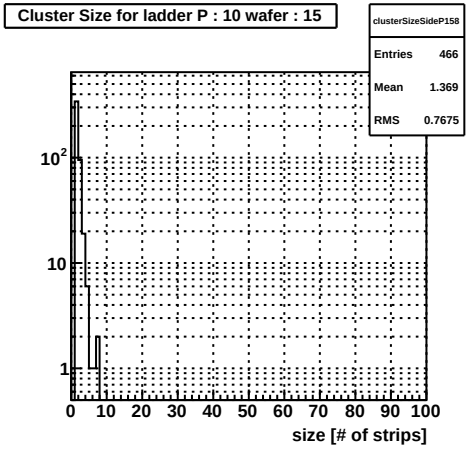

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1441
Mean 1.189
RMS 0.5247
size [# of strips]

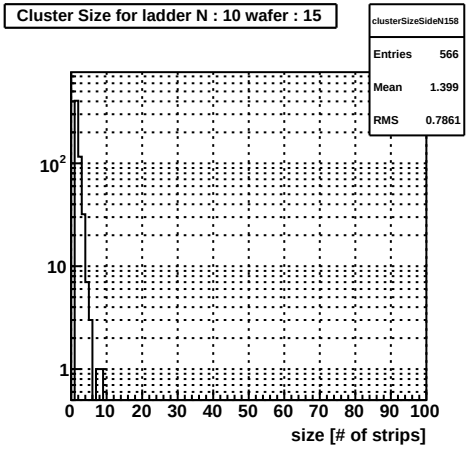

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2108
Mean 1.48
RMS 0.9389
size [# of strips]

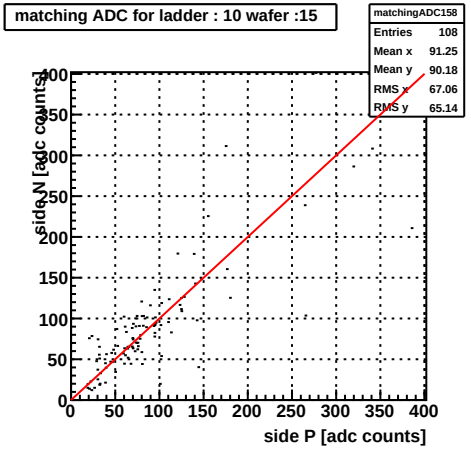

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 175
Mean x 93.39
Mean y 91.26
RMS x 69.57
RMS y 65.32
side N [adc counts]
side P [adc counts]

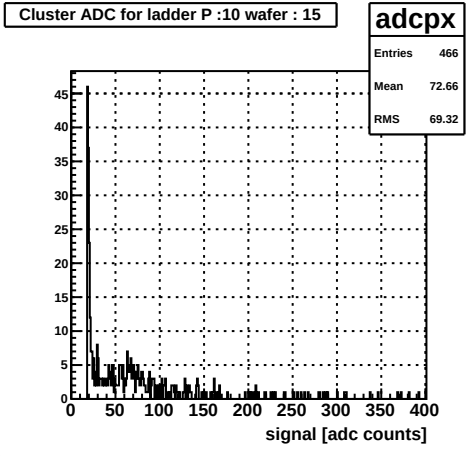

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1441
Mean 43.83
RMS 52.43
signal [adc counts]

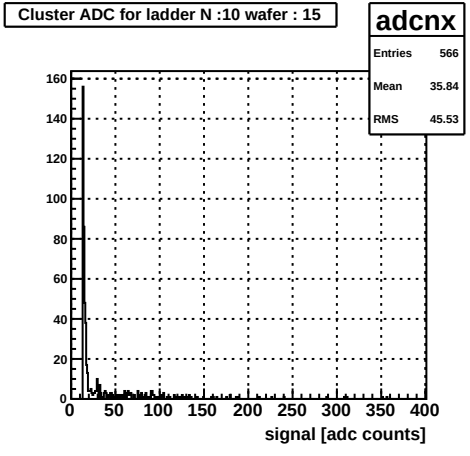

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2108
Mean 31.53
RMS 36.59
signal [adc counts]

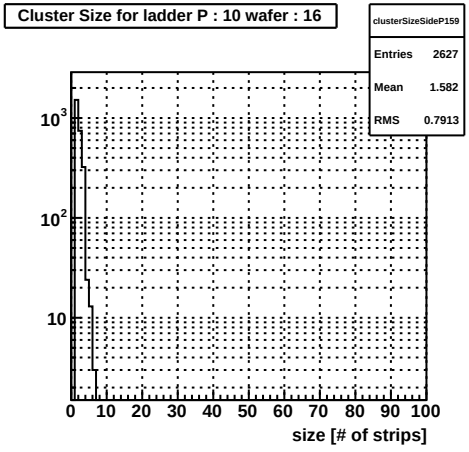

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 466
Mean 1.369
RMS 0.7675
size [# of strips]

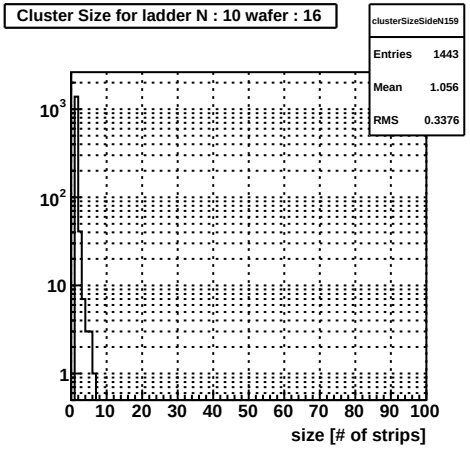

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 566
Mean 1.399
RMS 0.7861
size [# of strips]

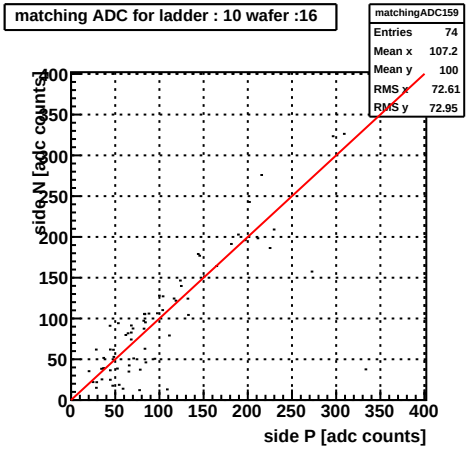

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 108
Mean x 91.25
Mean y 90.18
RMS x 67.06
RMS y 65.14
side N [adc counts]
side P [adc counts]

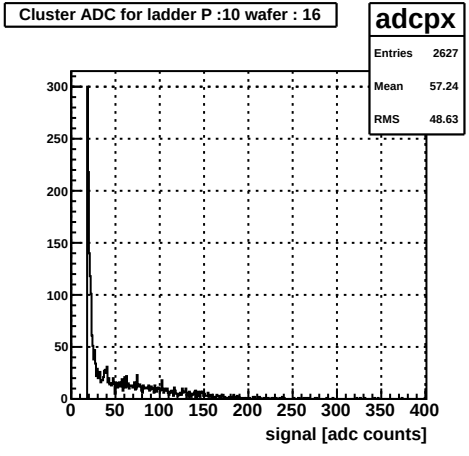

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 466
Mean 72.66
RMS 69.32
signal [adc counts]

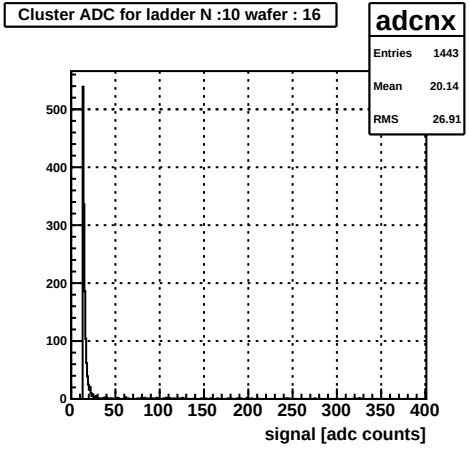

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 566
Mean 35.84
RMS 45.53
signal [adc counts]

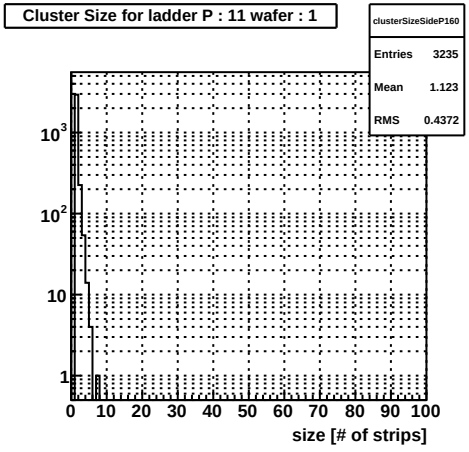

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2627
Mean 1.582
RMS 0.7913
size [# of strips]

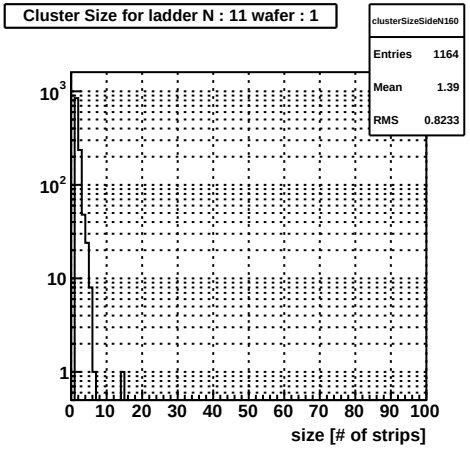

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1443
Mean 1.056
RMS 0.3376
size [# of strips]

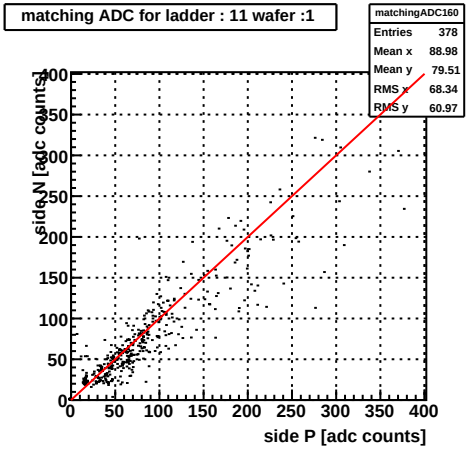

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 74
Mean x 107.2
Mean y 100
RMS x 72.61
RMS y 72.95
side N [adc counts]
side P [adc counts]

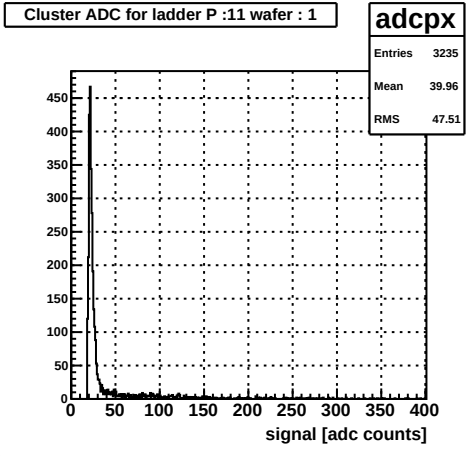

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2627
Mean 57.24
RMS 48.63
signal [adc counts]

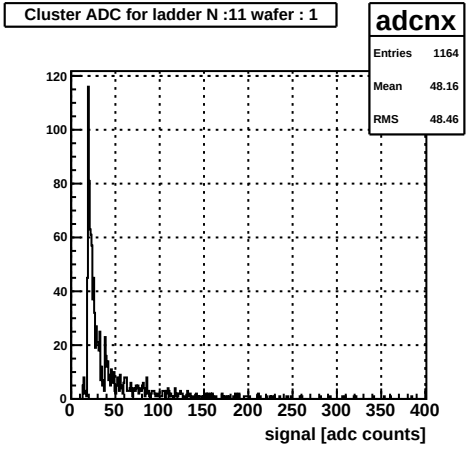

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1443
Mean 20.14
RMS 26.91
signal [adc counts]

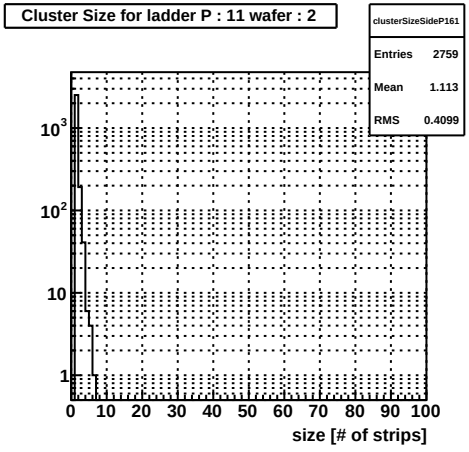

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3235
Mean 1.123
RMS 0.4372
size [# of strips]

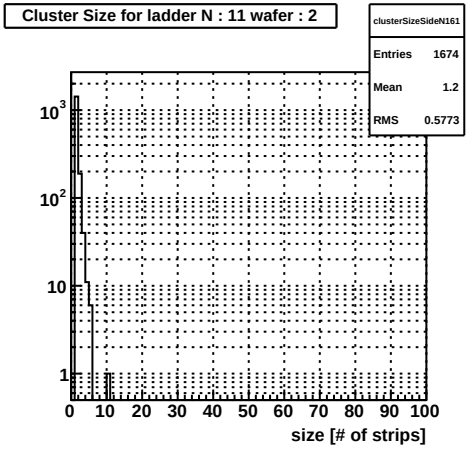

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1164
Mean 1.39
RMS 0.8233
size [# of strips]

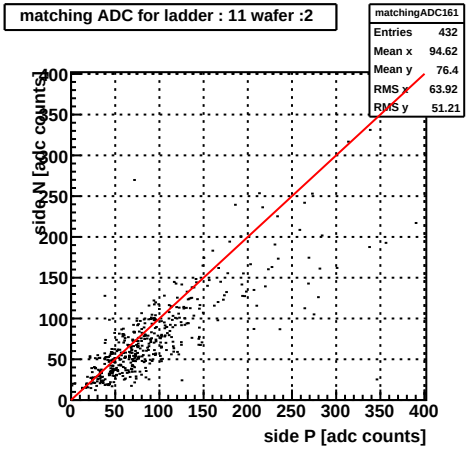

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 378
Mean x 88.98
Mean y 79.51
RMS x 68.34
RMS y 60.97
side N [adc counts]
side P [adc counts]

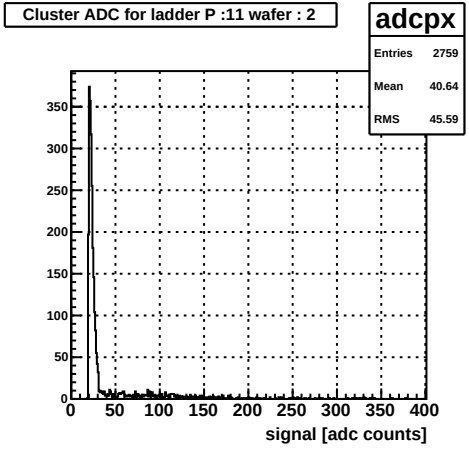

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3235
Mean 39.96
RMS 47.51
signal [adc counts]

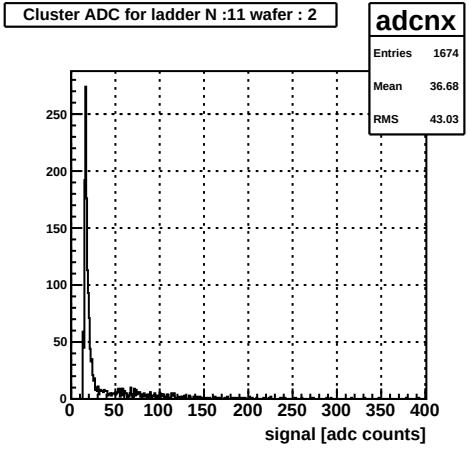

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1164
Mean 48.16
RMS 48.46
signal [adc counts]

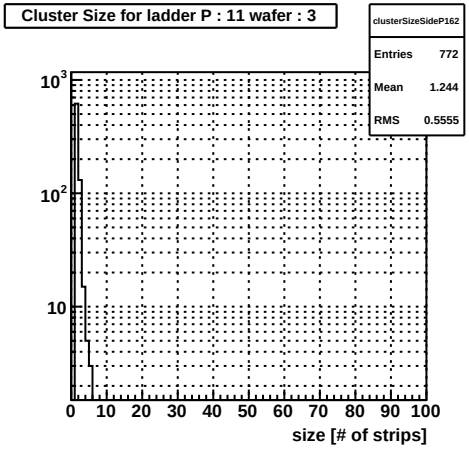

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2759
Mean 1.113
RMS 0.4099
size [# of strips]

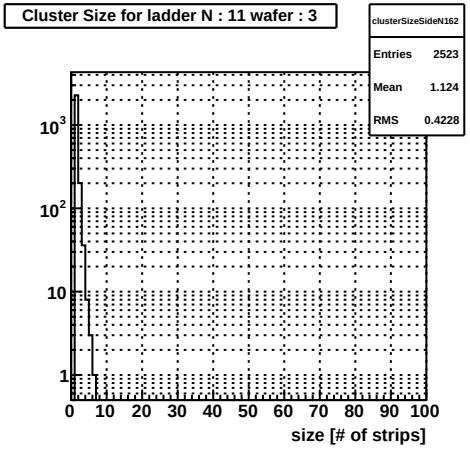

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1674
Mean 1.2
RMS 0.5773
size [# of strips]

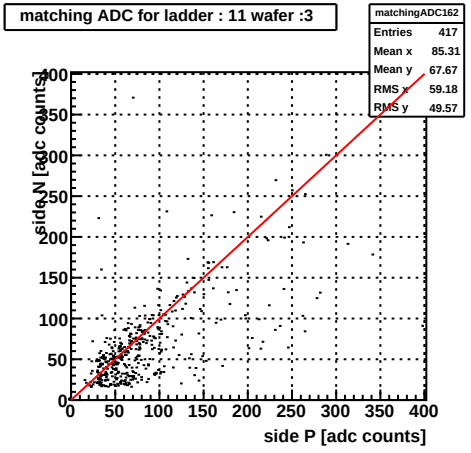

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 432
Mean x 94.62
Mean y 76.4
RMS x 63.92
RMS y 51.21
side N [adc counts]
side P [adc counts]

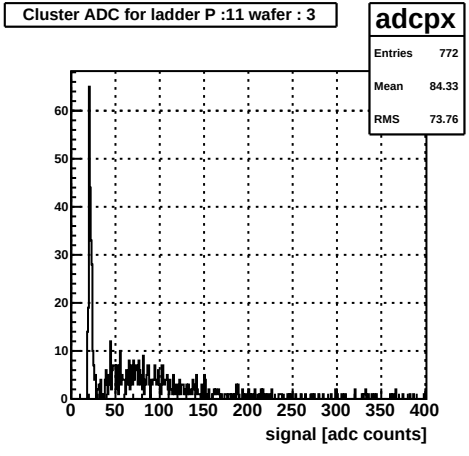

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2759
Mean 40.64
RMS 45.59
signal [adc counts]

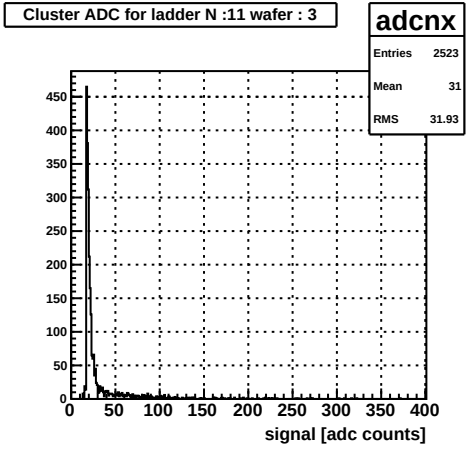

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1674
Mean 36.68
RMS 43.03
signal [adc counts]

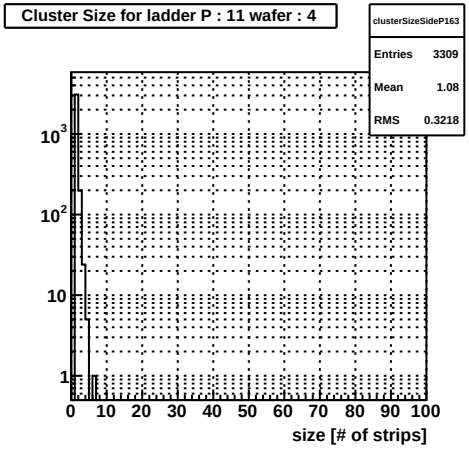

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 772
Mean 1.244
RMS 0.5555
size [# of strips]

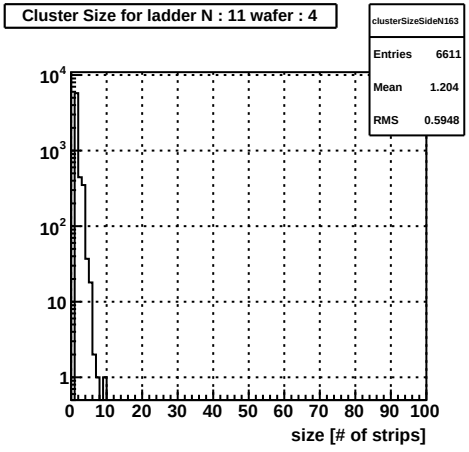

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2523
Mean 1.124
RMS 0.4228
size [# of strips]

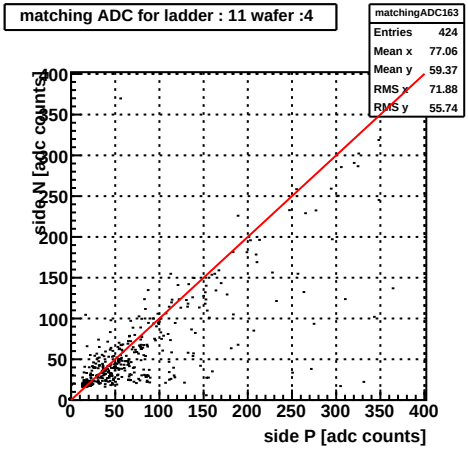

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 417
Mean x 85.31
Mean y 67.67
RMS x 59.18
RMS y 49.57
side N [adc counts]
side P [adc counts]

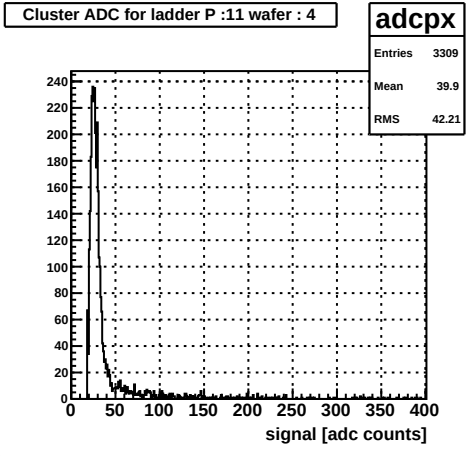

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 772
Mean 84.33
RMS 73.76
signal [adc counts]

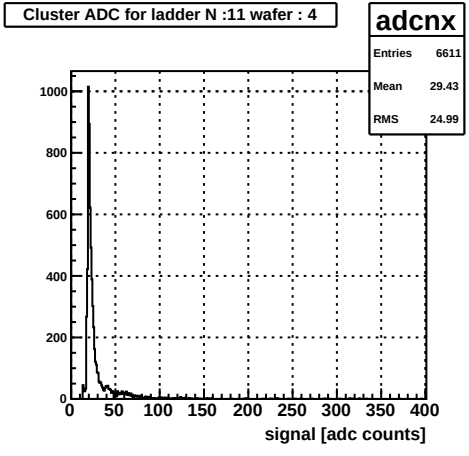

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2523
Mean 31
RMS 31.93
signal [adc counts]

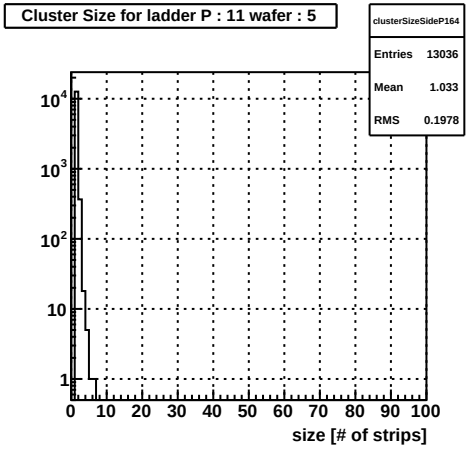

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3309
Mean 1.08
RMS 0.3218
size [# of strips]

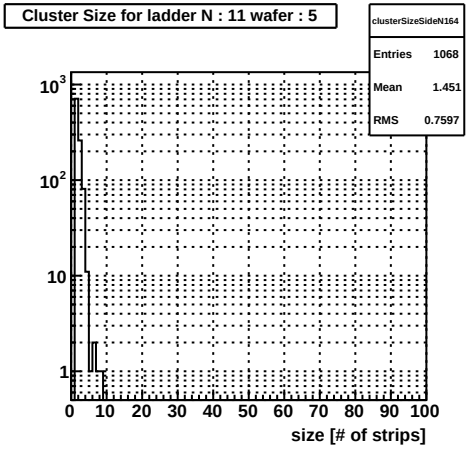

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6611
Mean 1.204
RMS 0.5948
size [# of strips]

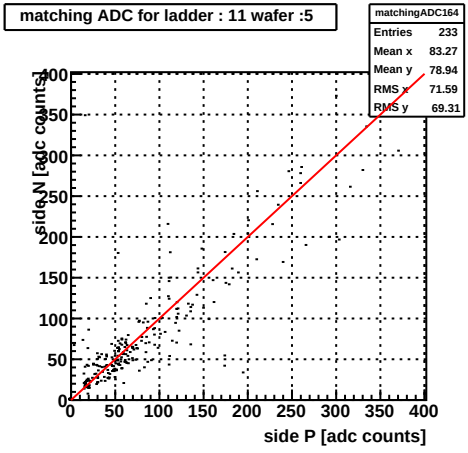

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 424
Mean x 77.06
Mean y 59.37
RMS x 71.88
RMS y 55.74
side N [adc counts]
side P [adc counts]

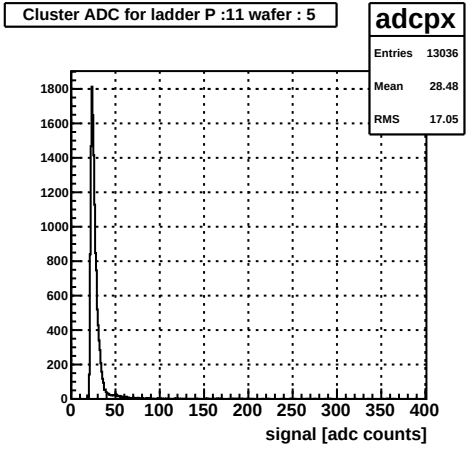

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3309
Mean 39.9
RMS 42.21
signal [adc counts]

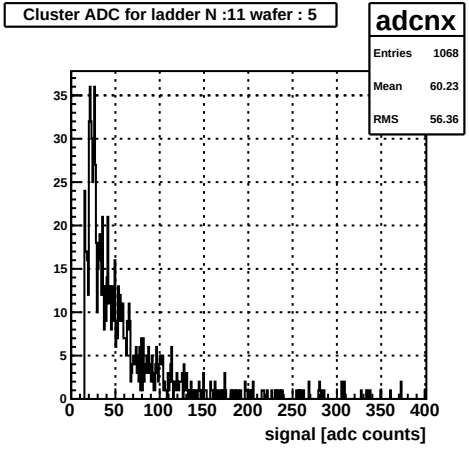

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6611
Mean 29.43
RMS 24.99
signal [adc counts]

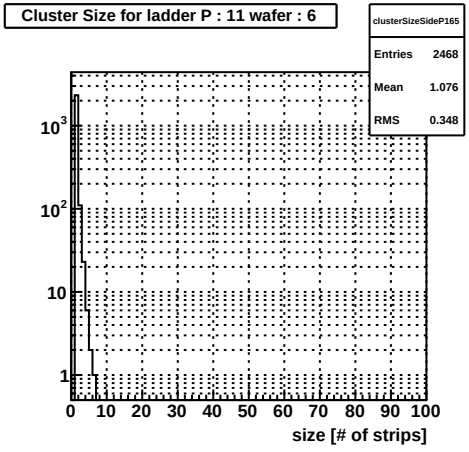

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13036
Mean 1.033
RMS 0.1978
size [# of strips]

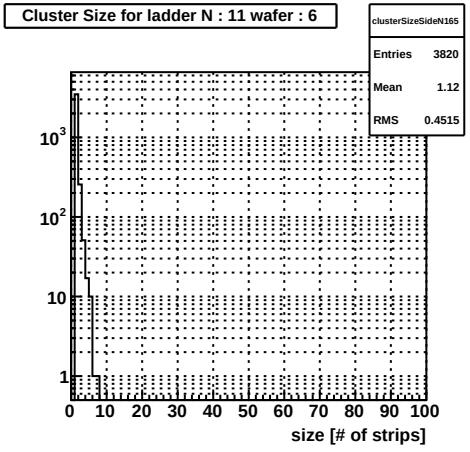

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1068
Mean 1.451
RMS 0.7597
size [# of strips]

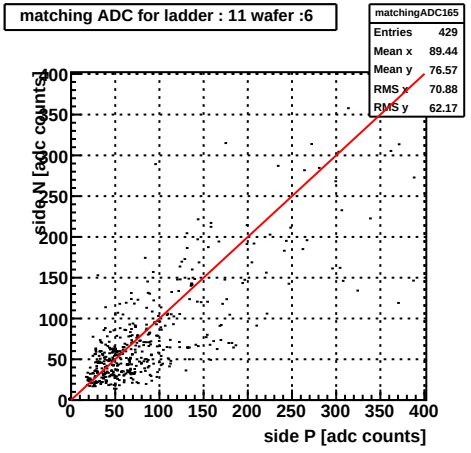

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 233
Mean x 83.27
Mean y 78.94
RMS x 71.59
RMS y 69.31
side N [adc counts]
side P [adc counts]

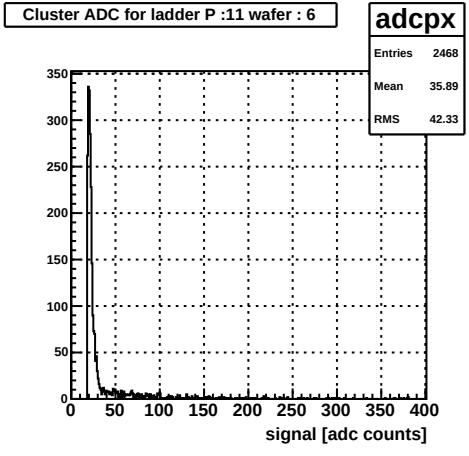

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13036
Mean 28.48
RMS 17.05
signal [adc counts]

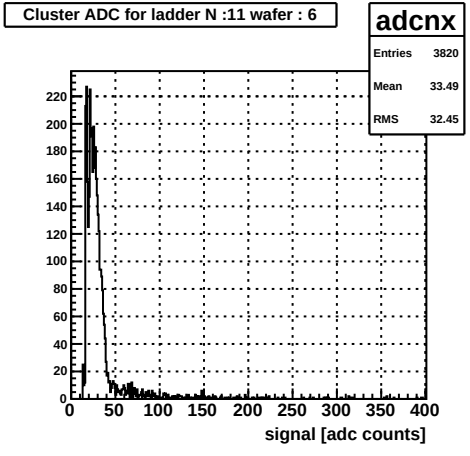

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1068
Mean 60.23
RMS 56.36
signal [adc counts]

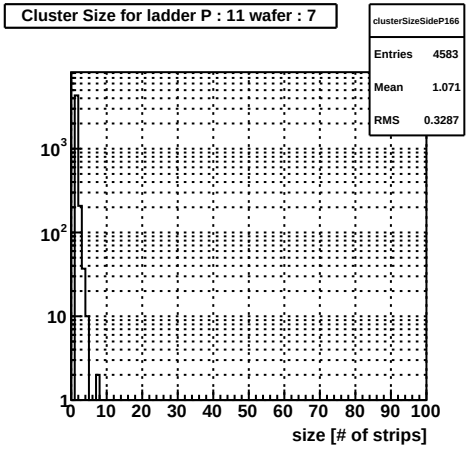

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2468
Mean 1.076
RMS 0.348
size [# of strips]

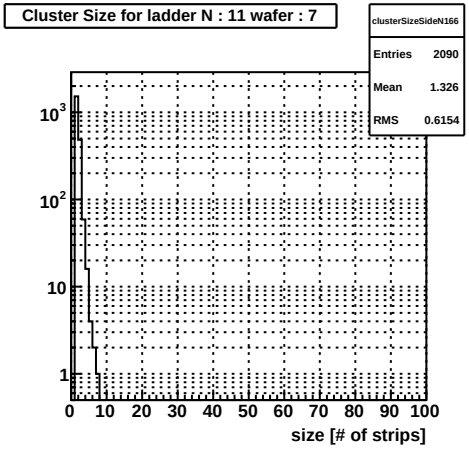

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3820
Mean 1.12
RMS 0.4515
size [# of strips]

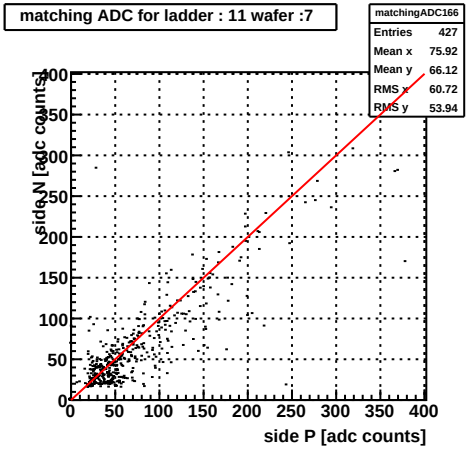

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 429
Mean x 89.44
Mean y 76.57
RMS x 70.88
RMS y 62.17
side N [adc counts]
side P [adc counts]

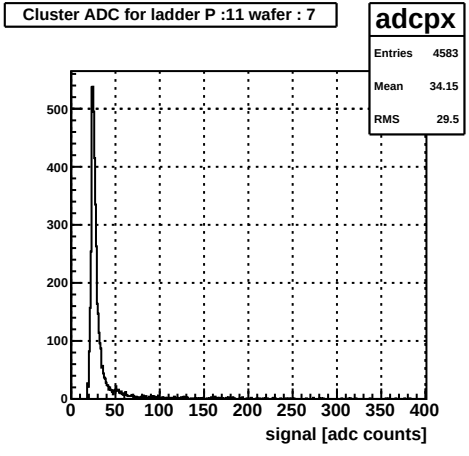

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2468
Mean 35.89
RMS 42.33
signal [adc counts]

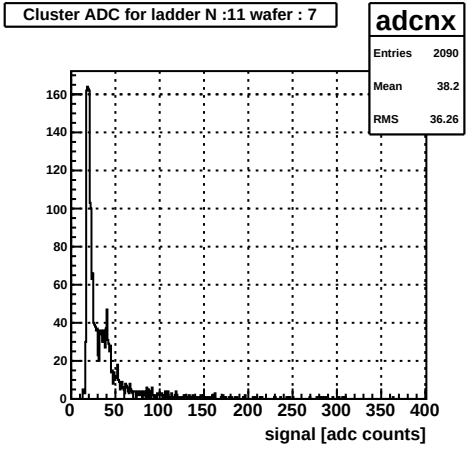

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3820
Mean 33.49
RMS 32.45
signal [adc counts]

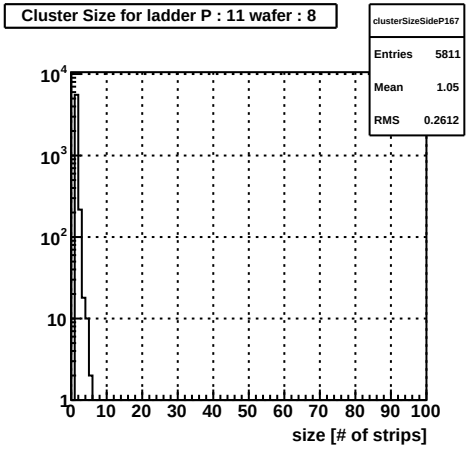

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4583
Mean 1.071
RMS 0.3287
size [# of strips]

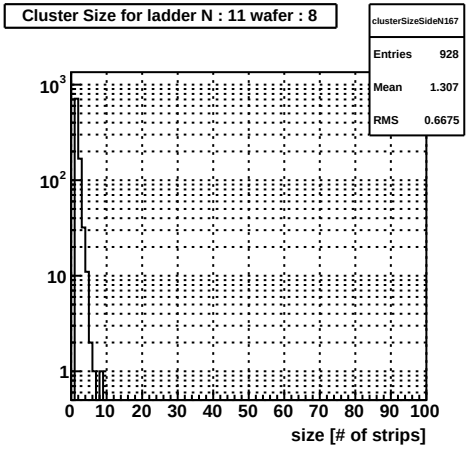

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2090
Mean 1.326
RMS 0.6154
size [# of strips]

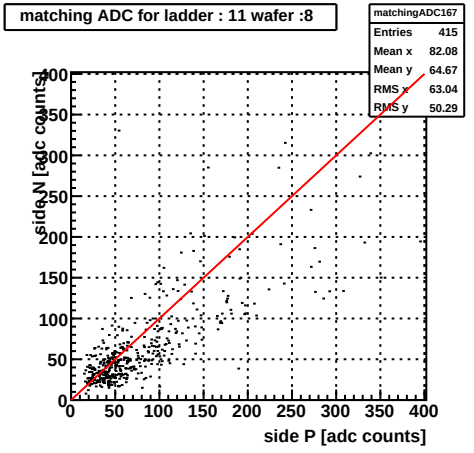

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 427
Mean x 75.92
Mean y 66.12
RMS x 60.72
RMS y 53.94
side N [adc counts]
side P [adc counts]

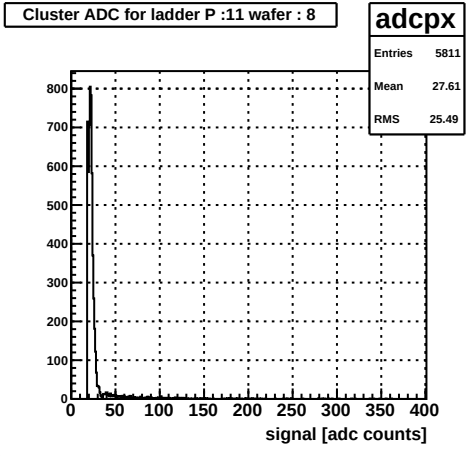

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4583
Mean 34.15
RMS 29.5
signal [adc counts]

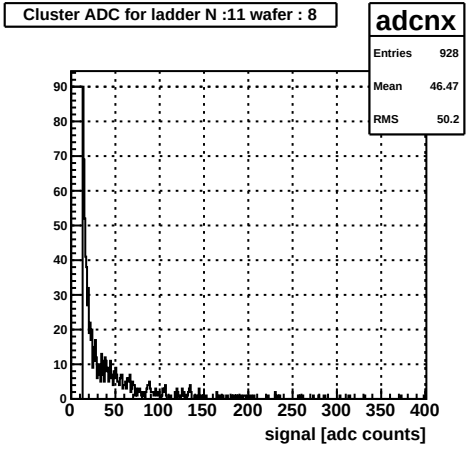

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2090
Mean 38.2
RMS 36.26
signal [adc counts]

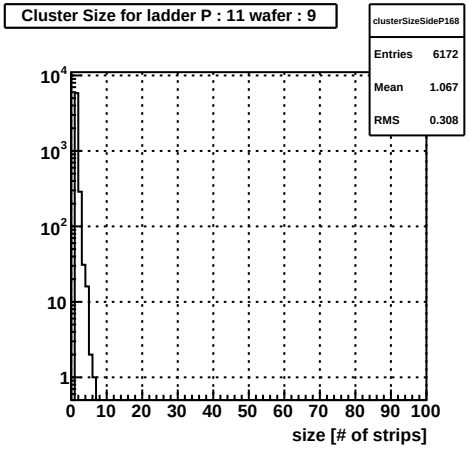

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5811
Mean 1.05
RMS 0.2612
size [# of strips]

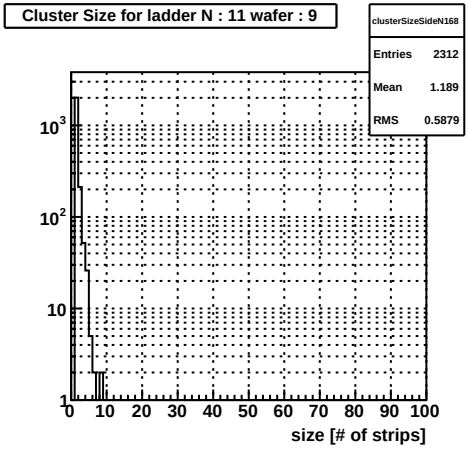

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 928
Mean 1.307
RMS 0.6675
size [# of strips]

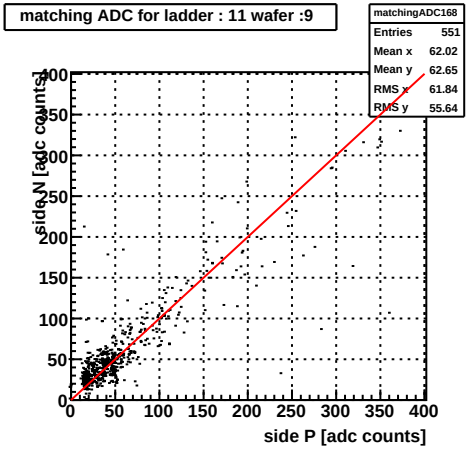

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 415
Mean x 82.08
Mean y 64.67
RMS x 63.04
RMS y 50.29
side N [adc counts]
side P [adc counts]

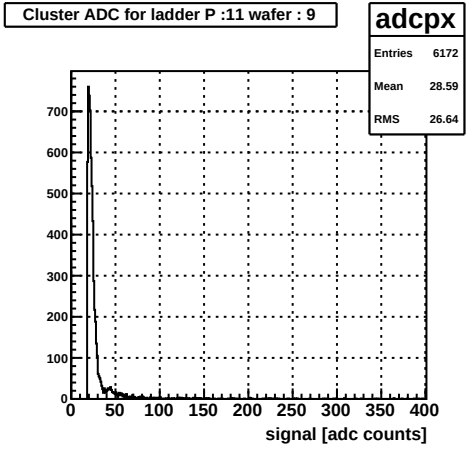

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5811
Mean 27.61
RMS 25.49
signal [adc counts]

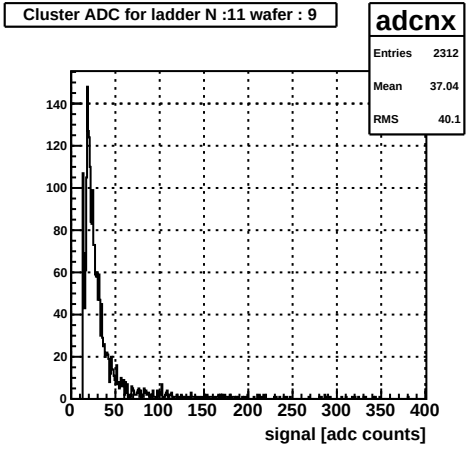

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 928
Mean 46.47
RMS 50.2
signal [adc counts]

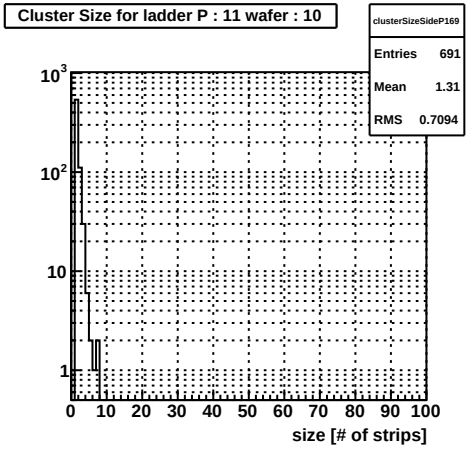

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6172
Mean 1.067
RMS 0.308
size [# of strips]

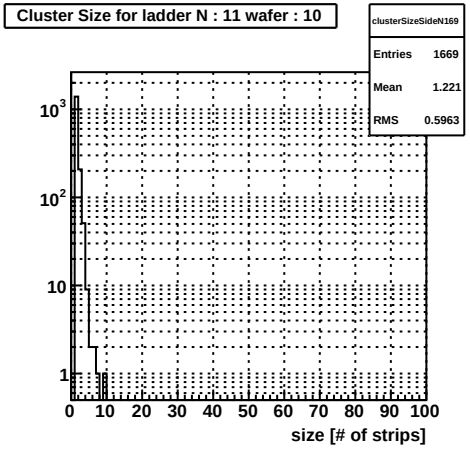

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2312
Mean 1.189
RMS 0.5879
size [# of strips]

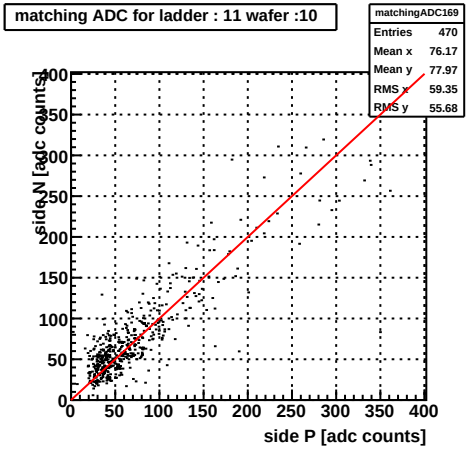

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 551
Mean x 62.02
Mean y 62.65
RMS x 61.84
RMS y 55.64
side N [adc counts]
side P [adc counts]

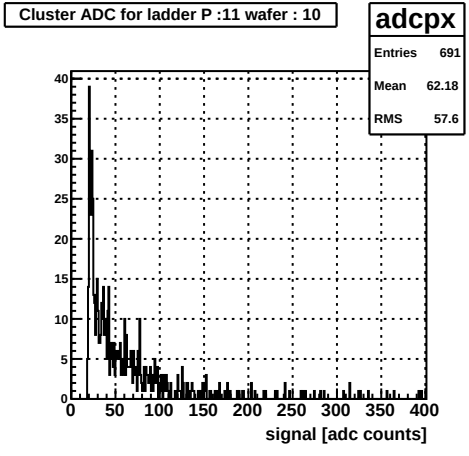

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6172
Mean 28.59
RMS 26.64
signal [adc counts]

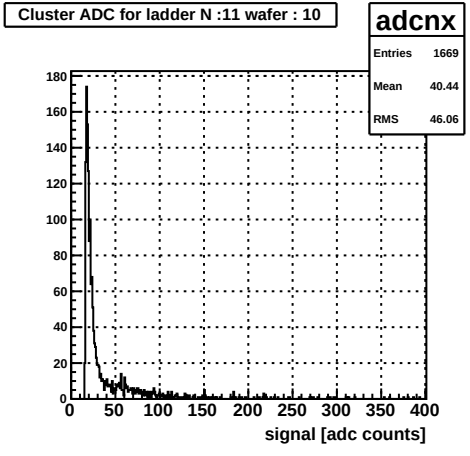

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2312
Mean 37.04
RMS 40.1
signal [adc counts]

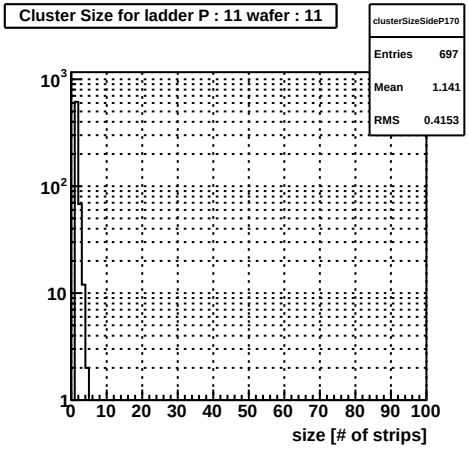

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 691
Mean 1.31
RMS 0.7094
size [# of strips]

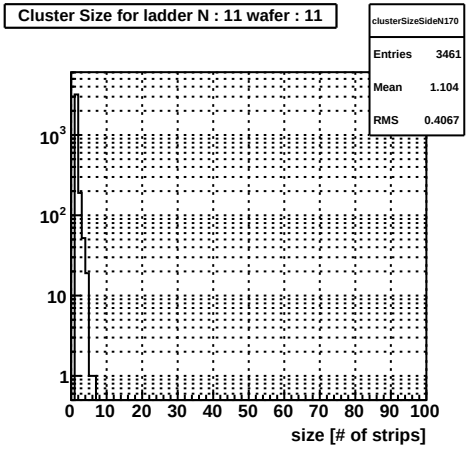

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1669
Mean 1.221
RMS 0.5963
size [# of strips]

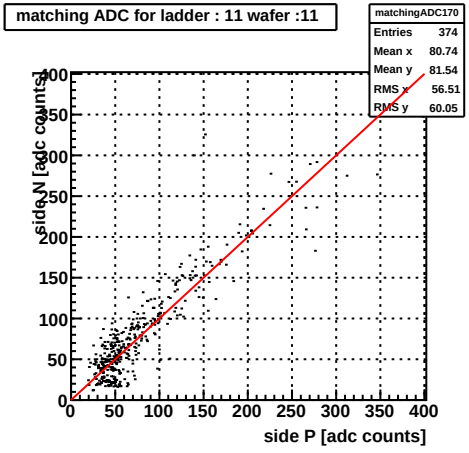

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 470
Mean x 76.17
Mean y 77.97
RMS x 59.35
RMS y 55.68
side N [adc counts]
side P [adc counts]

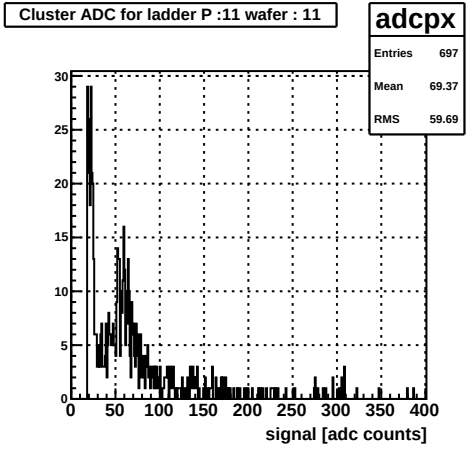

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 691
Mean 62.18
RMS 57.6
signal [adc counts]

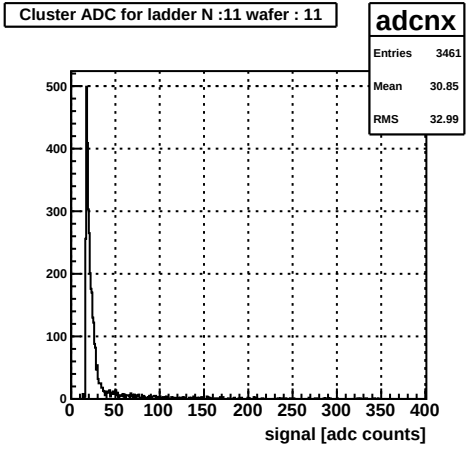

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1669
Mean 40.44
RMS 46.06
signal [adc counts]

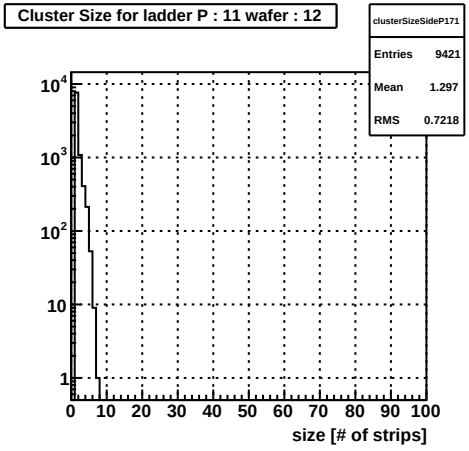

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 697
Mean 1.141
RMS 0.4153
size [# of strips]

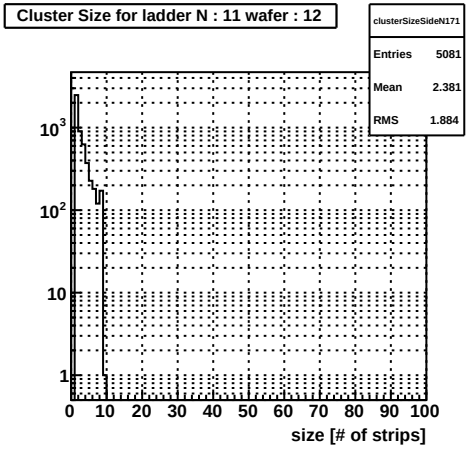

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3461
Mean 1.104
RMS 0.4067
size [# of strips]

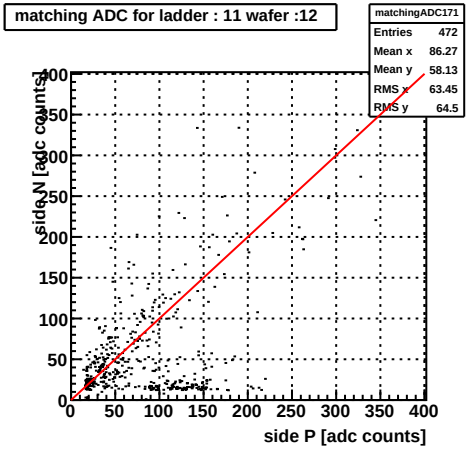

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 374
Mean x 80.74
Mean y 81.54
RMS x 56.51
RMS y 60.05
side N [adc counts]
side P [adc counts]

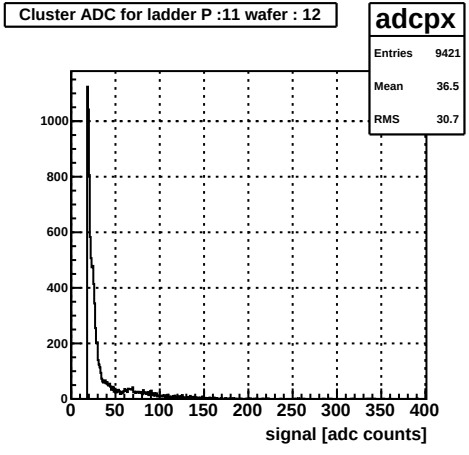

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 697
Mean 69.37
RMS 59.69
signal [adc counts]

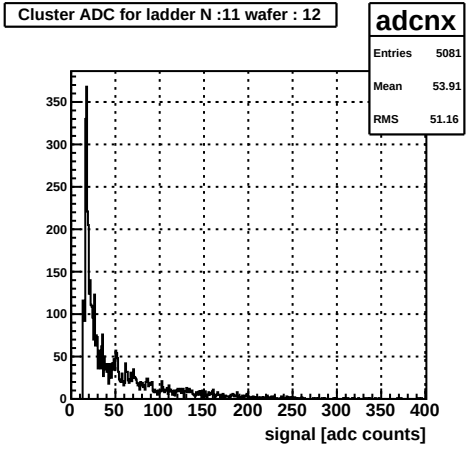

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3461
Mean 30.85
RMS 32.99
signal [adc counts]

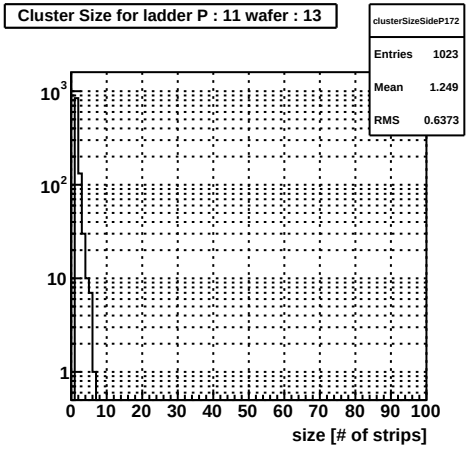

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9421
Mean 1.297
RMS 0.7218
size [# of strips]

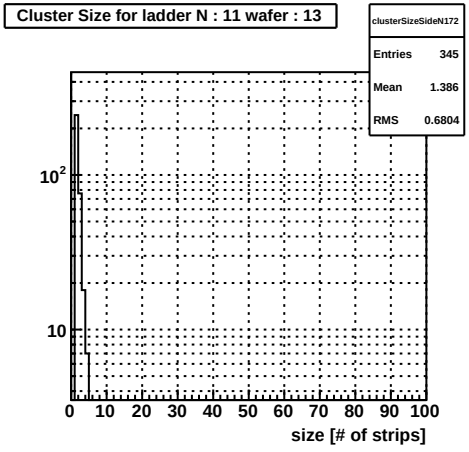

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 5081
Mean 2.381
RMS 1.884
size [# of strips]

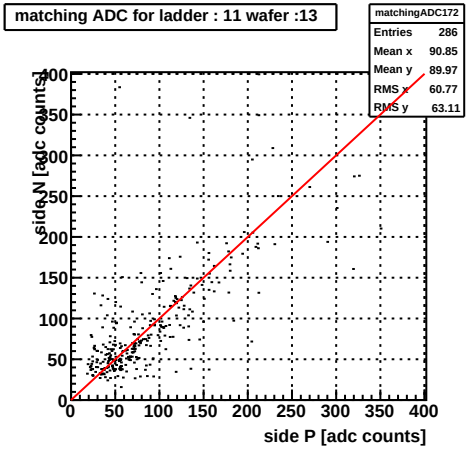

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 472
Mean x 86.27
Mean y 58.13
RMS x 63.45
RMS y 64.5
side N [adc counts]
side P [adc counts]

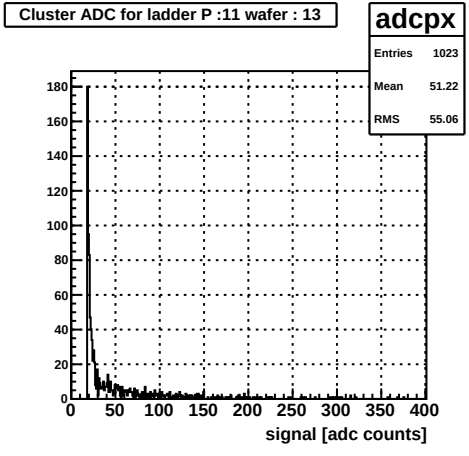

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9421
Mean 36.5
RMS 30.7
signal [adc counts]

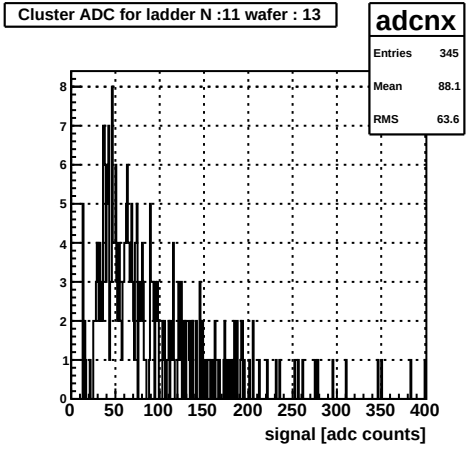

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 5081
Mean 53.91
RMS 51.16
signal [adc counts]

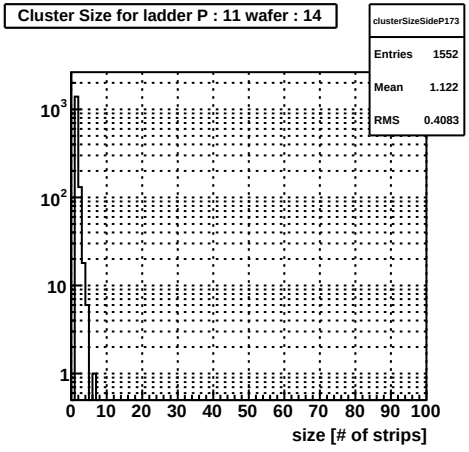

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1023
Mean 1.249
RMS 0.6373
size [# of strips]

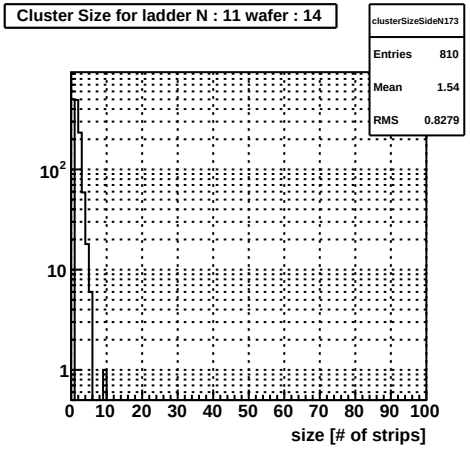

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 345
Mean 1.386
RMS 0.6804
size [# of strips]

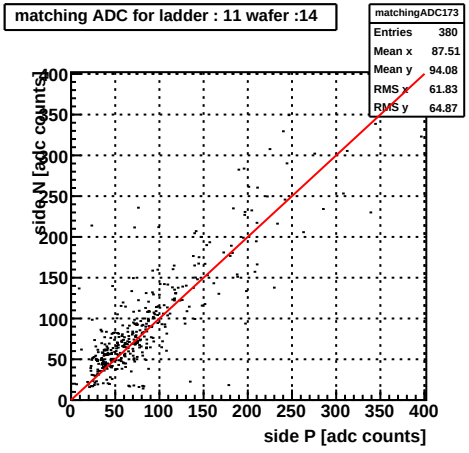

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 286
Mean x 90.85
Mean y 89.97
RMS x 60.77
RMS y 63.11
side N [adc counts]
side P [adc counts]

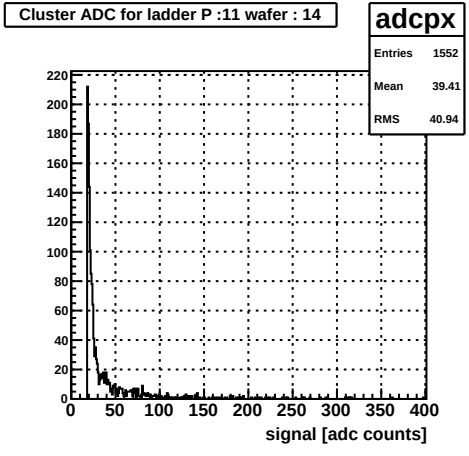

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1023
Mean 51.22
RMS 55.06
signal [adc counts]

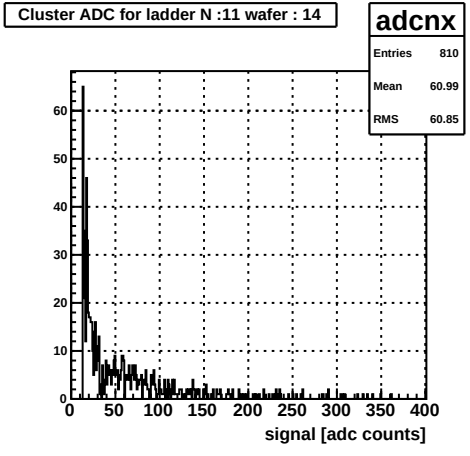

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 345
Mean 88.1
RMS 63.6
signal [adc counts]

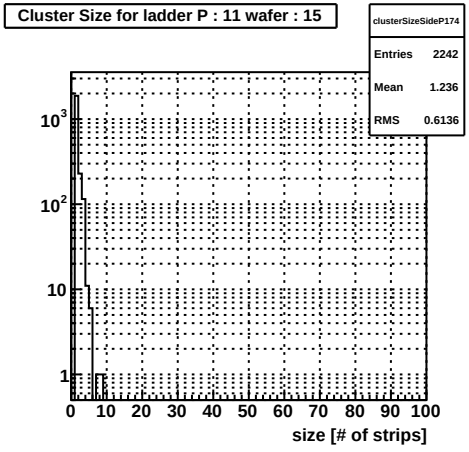

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1552
Mean 1.122
RMS 0.4083
size [# of strips]

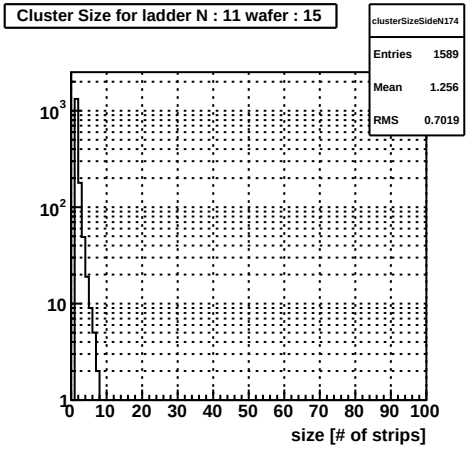

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 810
Mean 1.54
RMS 0.8279
size [# of strips]

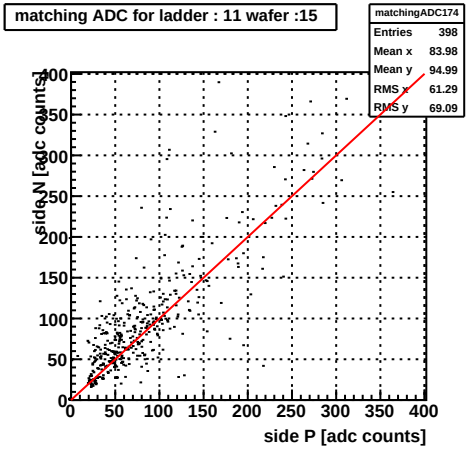

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 380
Mean x 87.51
Mean y 94.08
RMS x 61.83
RMS y 64.87
side N [adc counts]
side P [adc counts]

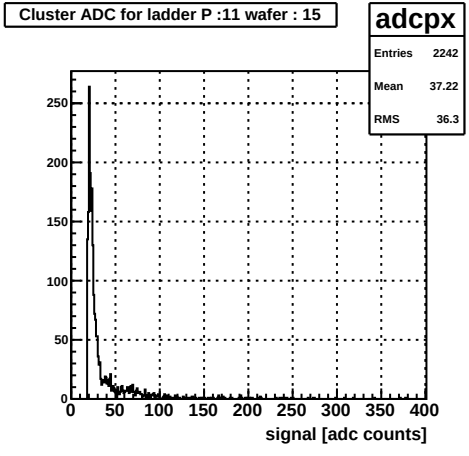

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1552
Mean 39.41
RMS 40.94
signal [adc counts]

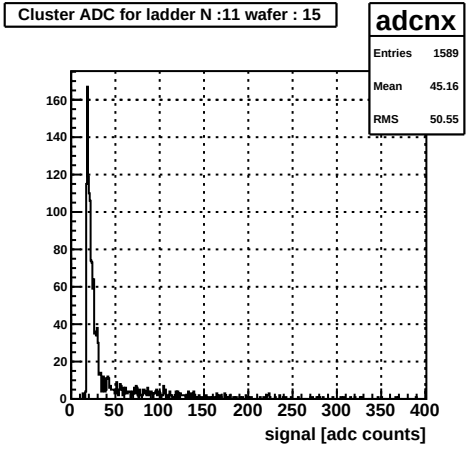

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 810
Mean 60.99
RMS 60.85
signal [adc counts]

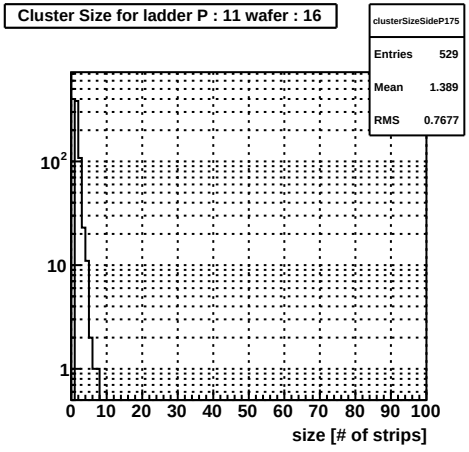

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2242
Mean 1.236
RMS 0.6136
size [# of strips]

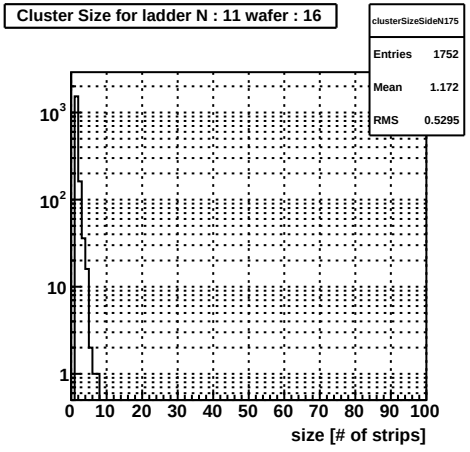

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1589
Mean 1.256
RMS 0.7019
size [# of strips]

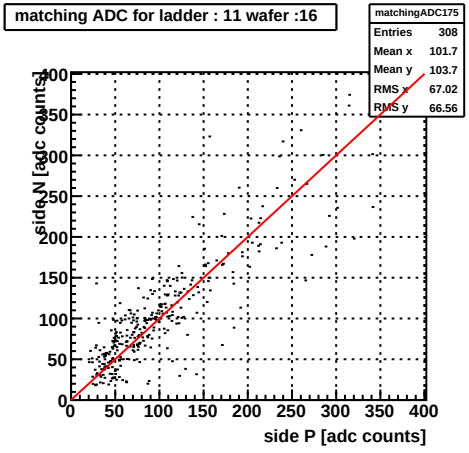

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 398
Mean x 83.98
Mean y 94.99
RMS x 61.29
RMS y 69.09
side N [adc counts]
side P [adc counts]

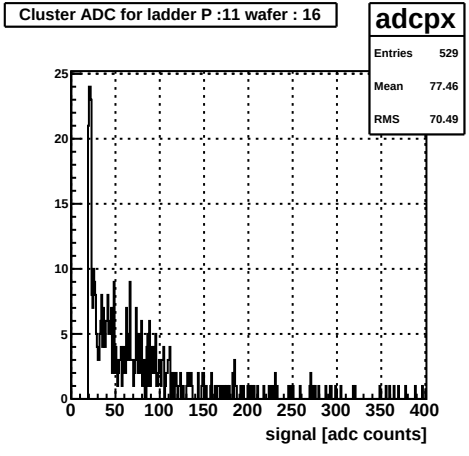

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2242
Mean 37.22
RMS 36.3
signal [adc counts]

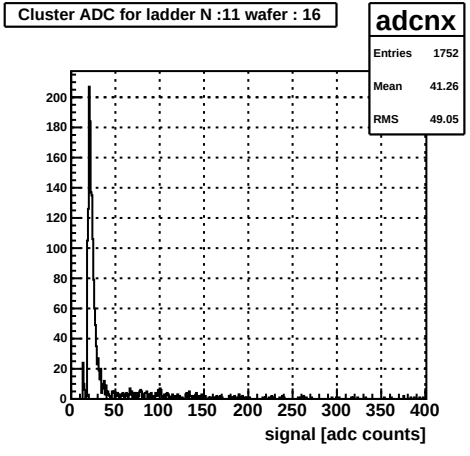

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1589
Mean 45.16
RMS 50.55
signal [adc counts]

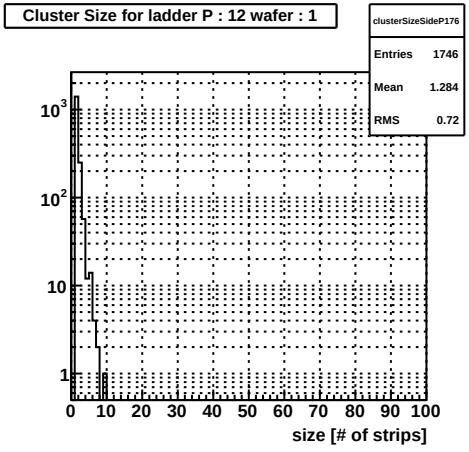

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 529
Mean 1.389
RMS 0.7677
size [# of strips]

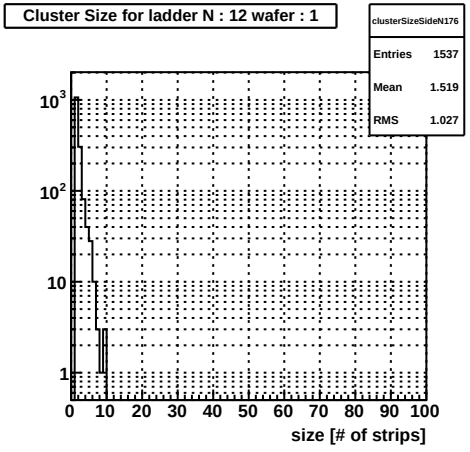

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1752
Mean 1.172
RMS 0.5295
size [# of strips]

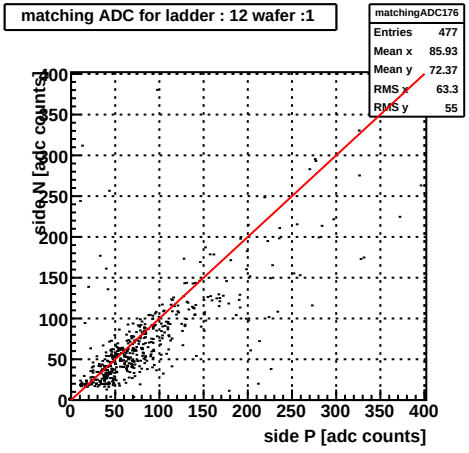

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 308
Mean x 101.7
Mean y 103.7
RMS x 67.02
RMS y 66.56
side N [adc counts]
side P [adc counts]

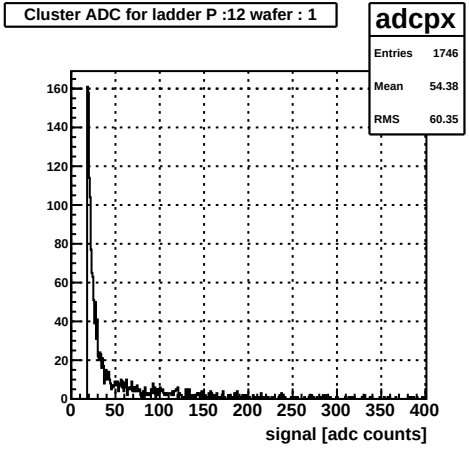

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 529
Mean 77.46
RMS 70.49
signal [adc counts]

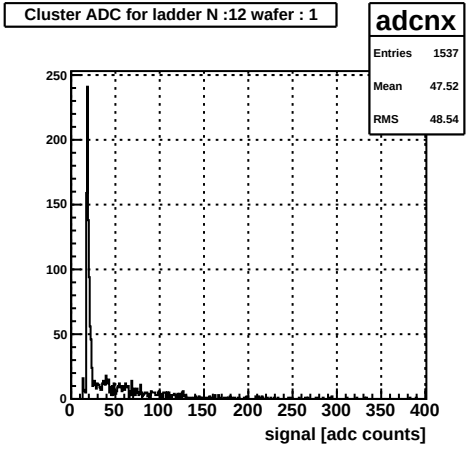

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1752
Mean 41.26
RMS 49.05
signal [adc counts]

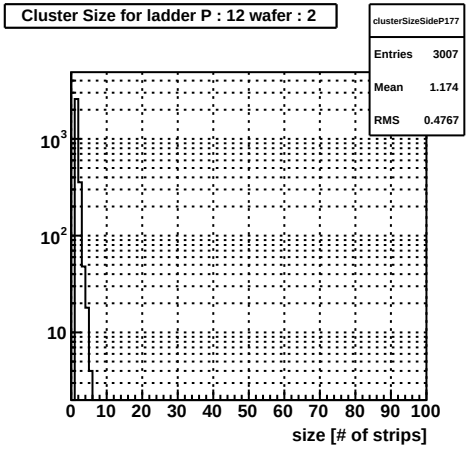

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1746
Mean 1.284
RMS 0.72
size [# of strips]

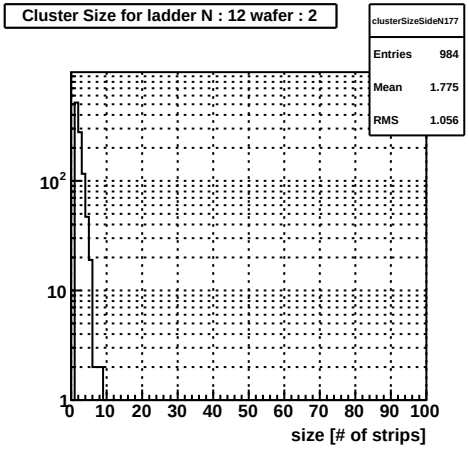

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1537
Mean 1.519
RMS 1.027
size [# of strips]

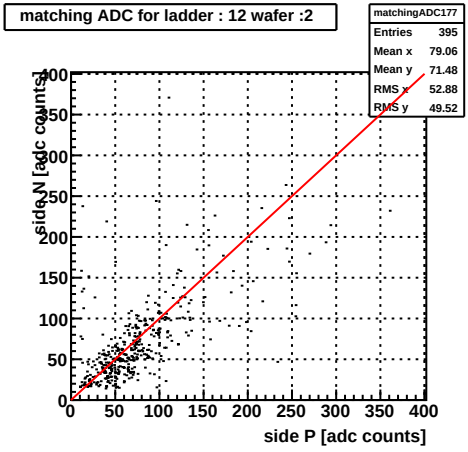

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 477
Mean x 85.93
Mean y 72.37
RMS x 63.3
RMS y 55
side N [adc counts]
side P [adc counts]

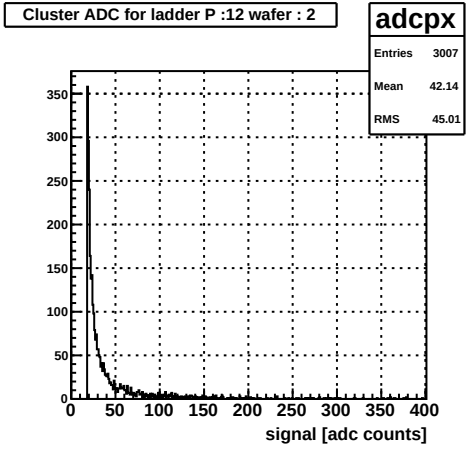

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1746
Mean 54.38
RMS 60.35
signal [adc counts]

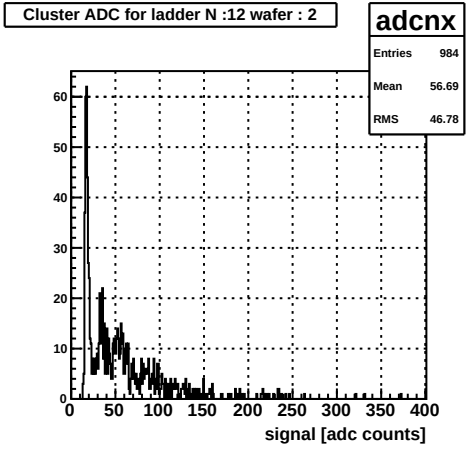

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1537
Mean 47.52
RMS 48.54
signal [adc counts]

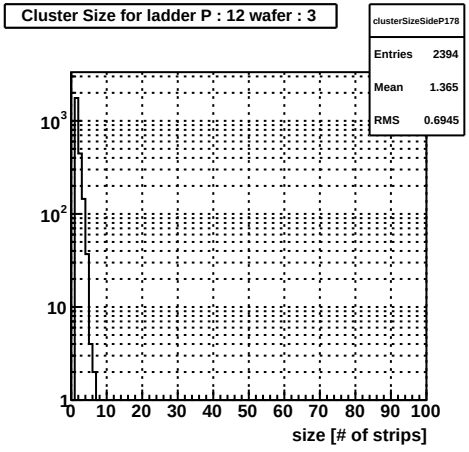

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3007
Mean 1.174
RMS 0.4767
size [# of strips]

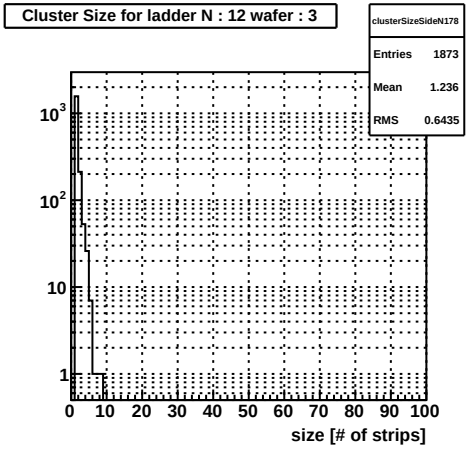

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 984
Mean 1.775
RMS 1.056
size [# of strips]

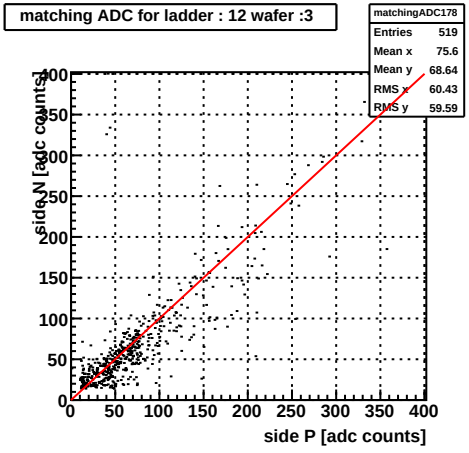

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 395
Mean x 79.06
Mean y 71.48
RMS x 52.88
RMS y 49.52
side N [adc counts]
side P [adc counts]

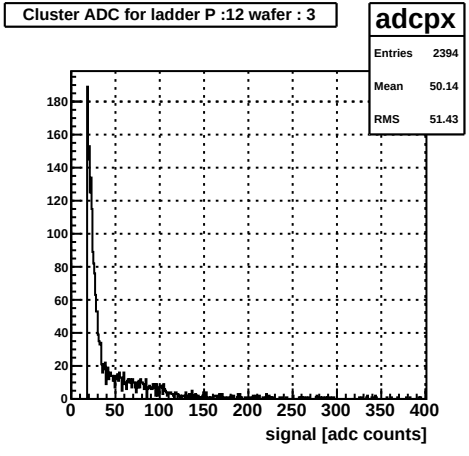

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3007
Mean 42.14
RMS 45.01
signal [adc counts]

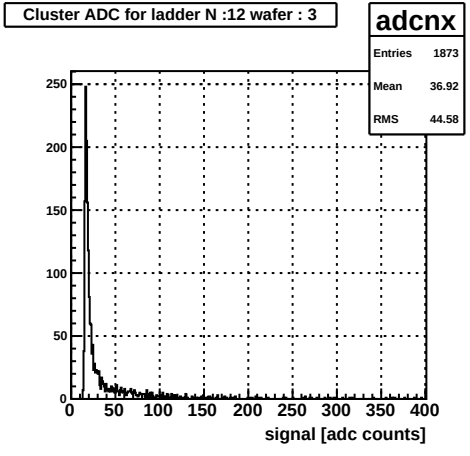

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 984
Mean 56.69
RMS 46.78
signal [adc counts]

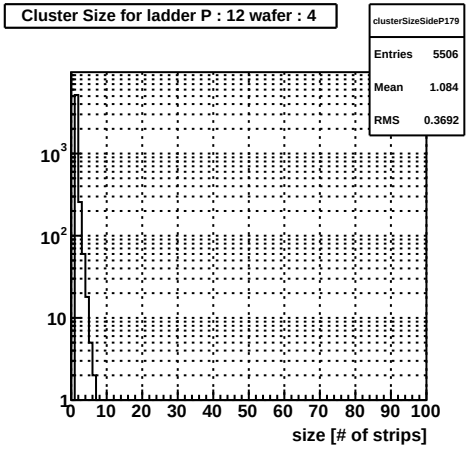

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2394
Mean 1.365
RMS 0.6945
size [# of strips]

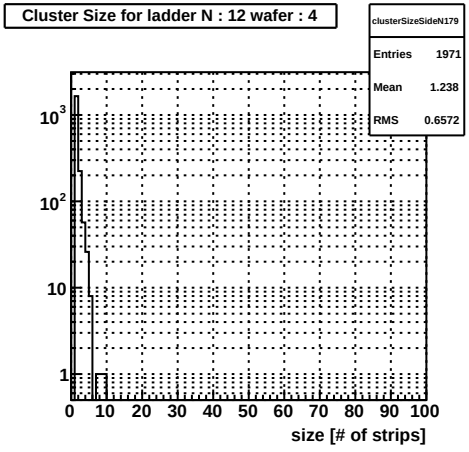

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1873
Mean 1.236
RMS 0.6435
size [# of strips]

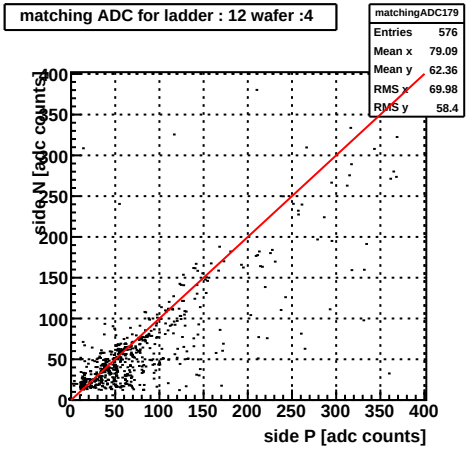

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 519
Mean x 75.6
Mean y 68.64
RMS x 60.43
RMS y 59.59
side N [adc counts]
side P [adc counts]

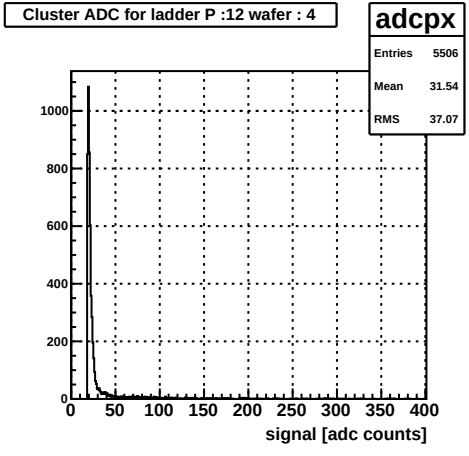

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2394
Mean 50.14
RMS 51.43
signal [adc counts]

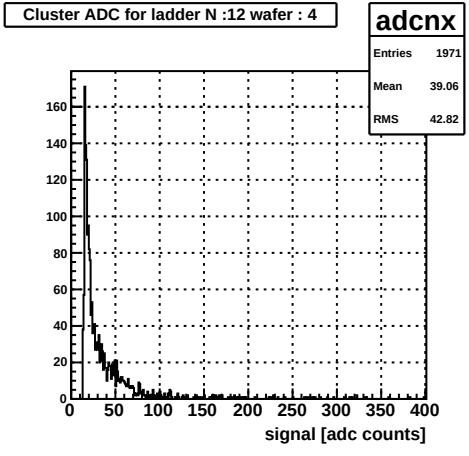

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1873
Mean 36.92
RMS 44.58
signal [adc counts]

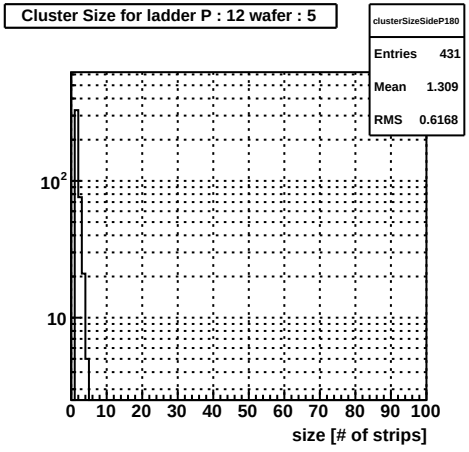

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5506
Mean 1.084
RMS 0.3692
size [# of strips]

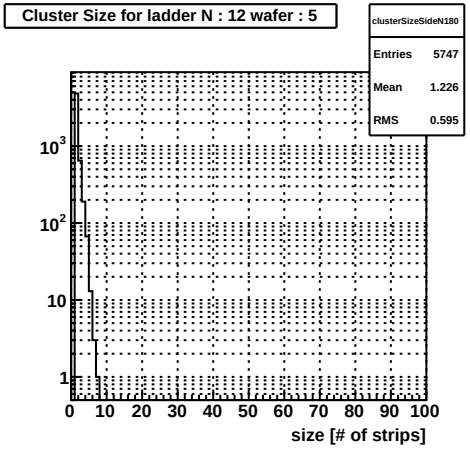

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1971
Mean 1.238
RMS 0.6572
size [# of strips]

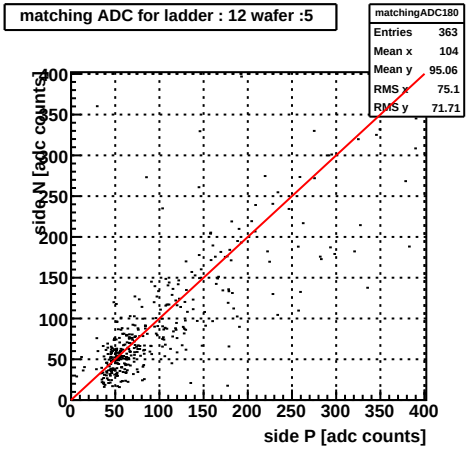

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 576
Mean x 79.09
Mean y 62.36
RMS x 69.98
RMS y 58.4
side N [adc counts]
side P [adc counts]

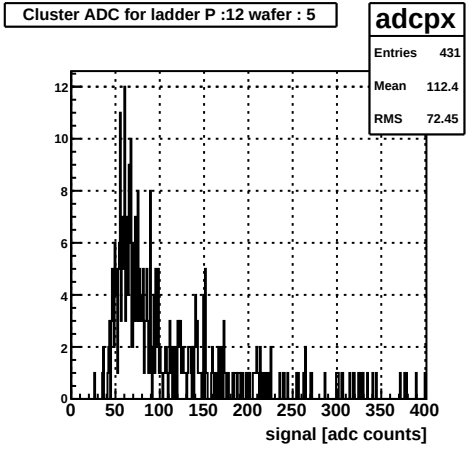

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5506
Mean 31.54
RMS 37.07
signal [adc counts]

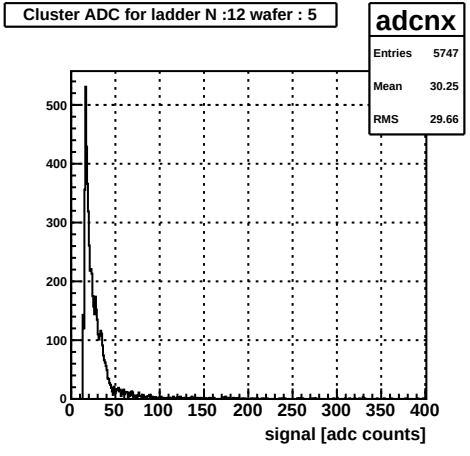

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1971
Mean 39.06
RMS 42.82
signal [adc counts]

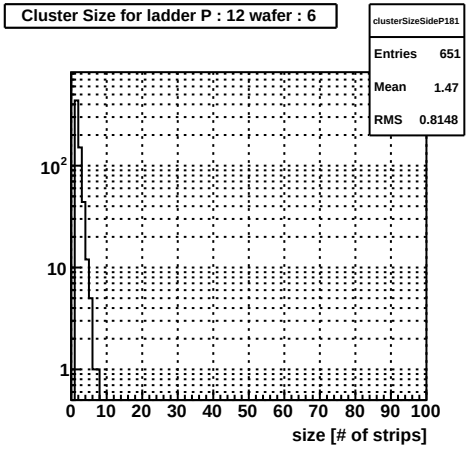

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 431
Mean 1.309
RMS 0.6168
size [# of strips]

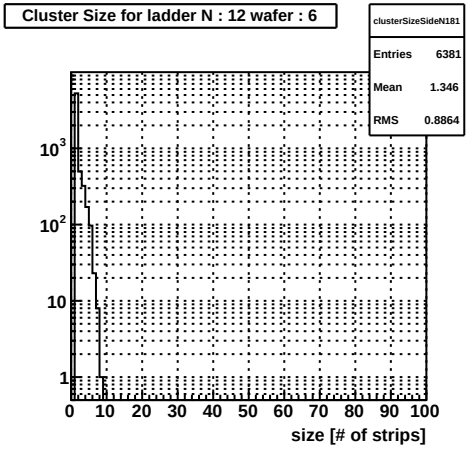

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5747
Mean 1.226
RMS 0.595
size [# of strips]

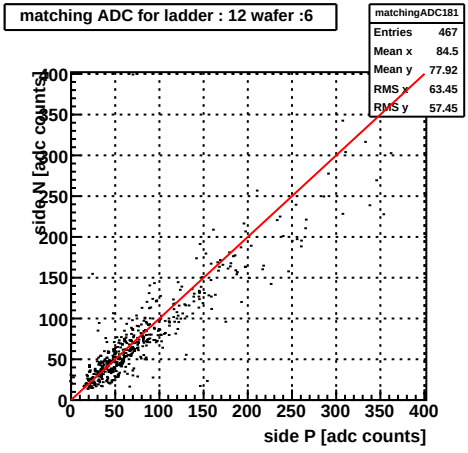

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 363
Mean x 104
Mean y 95.06
RMS x 75.1
RMS y 71.71
side N [adc counts]
side P [adc counts]

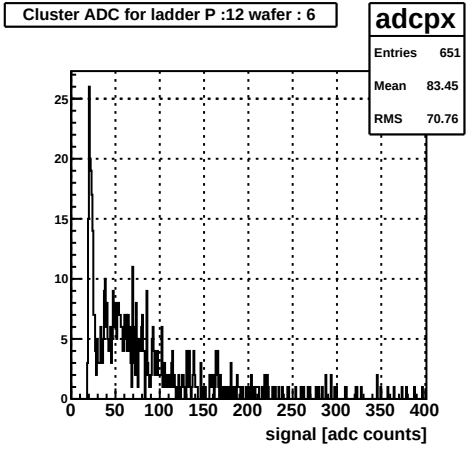

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 431
Mean 112.4
RMS 72.45
signal [adc counts]

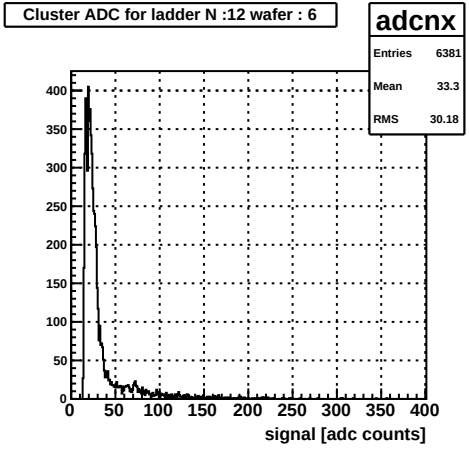

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5747
Mean 30.25
RMS 29.66
signal [adc counts]

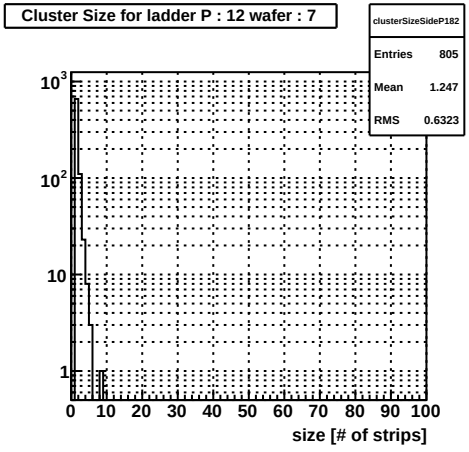

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 651
Mean 1.47
RMS 0.8148
size [# of strips]

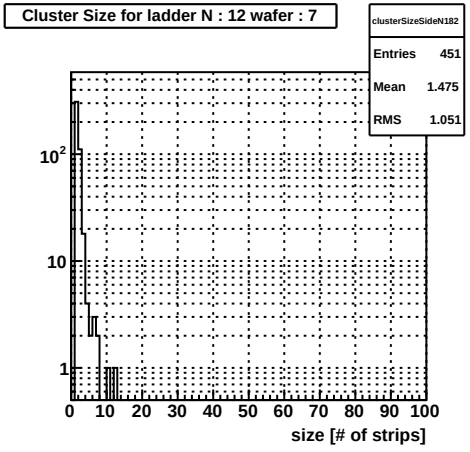

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6381
Mean 1.346
RMS 0.8864
size [# of strips]

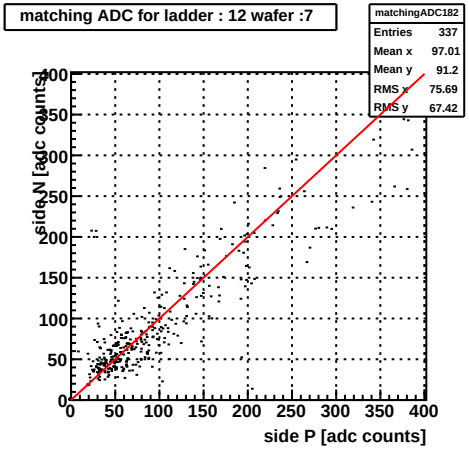

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 467
Mean x 84.5
Mean y 77.92
RMS x 63.45
RMS y 57.45
side N [adc counts]
side P [adc counts]

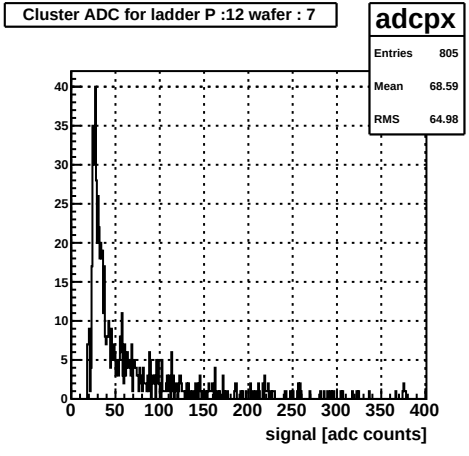

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 651
Mean 83.45
RMS 70.76
signal [adc counts]

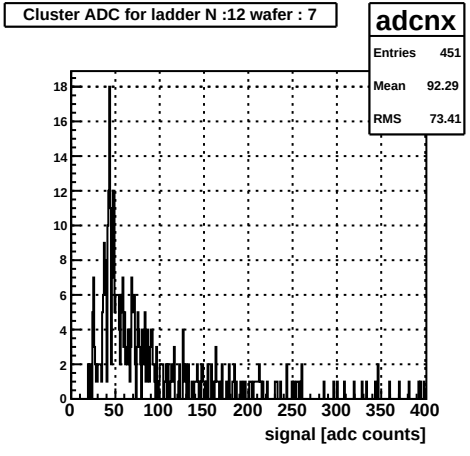

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6381
Mean 33.3
RMS 30.18
signal [adc counts]

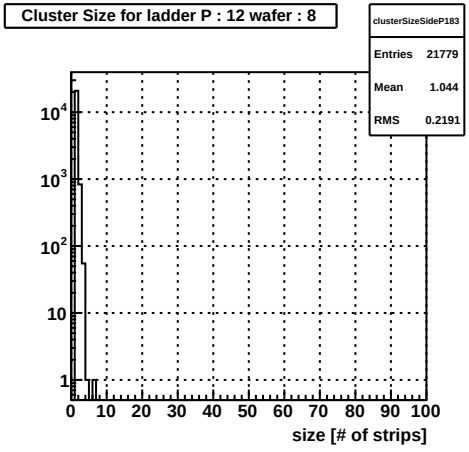

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 805
Mean 1.247
RMS 0.6323
size [# of strips]

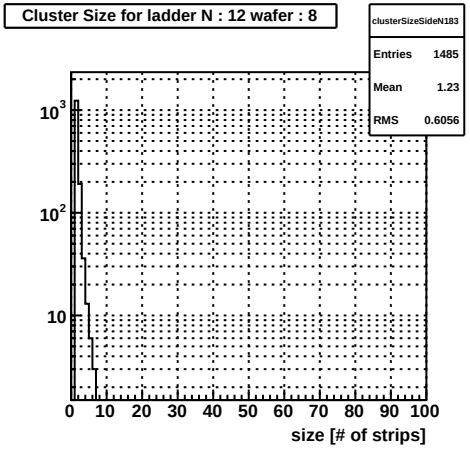

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 451
Mean 1.475
RMS 1.051
size [# of strips]

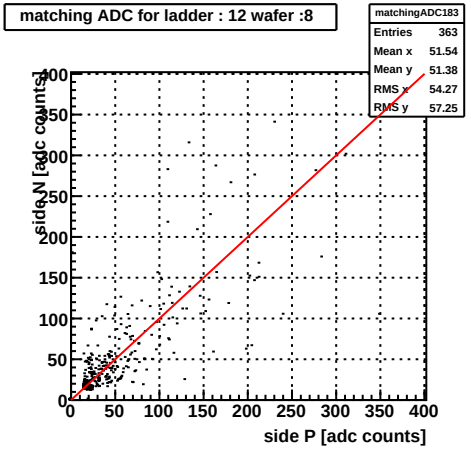

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 337
Mean x 97.01
Mean y 91.2
RMS x 75.69
RMS y 67.42
side N [adc counts]
side P [adc counts]

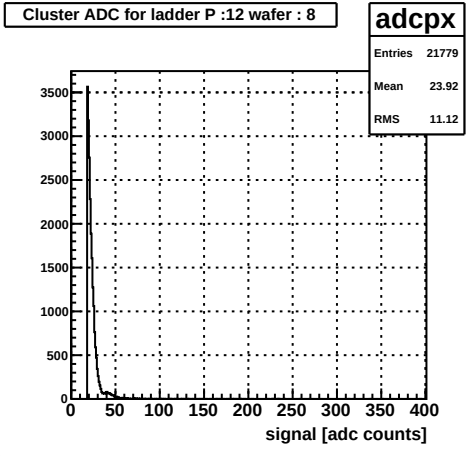

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 805
Mean 68.59
RMS 64.98
signal [adc counts]

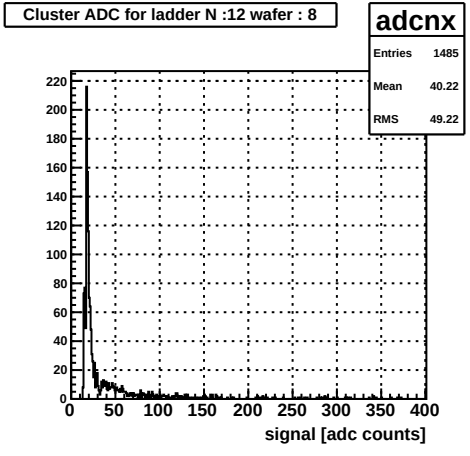

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 451
Mean 92.29
RMS 73.41
signal [adc counts]

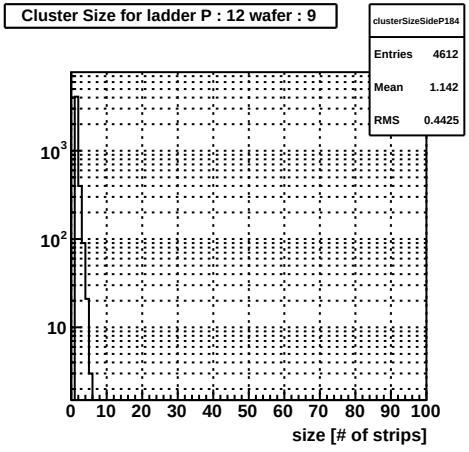

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21779
Mean 1.044
RMS 0.2191
size [# of strips]

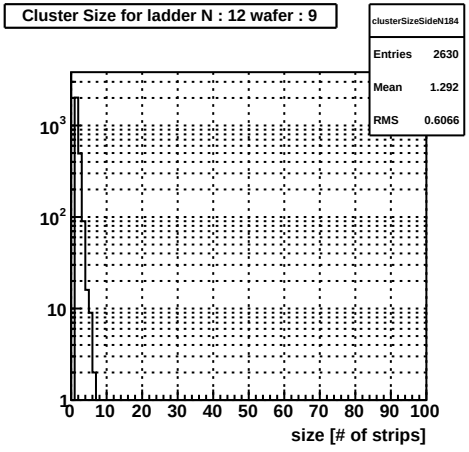

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1485
Mean 1.23
RMS 0.6056
size [# of strips]

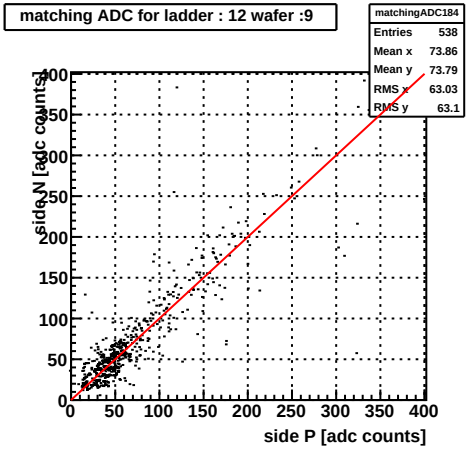

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 363
Mean x 51.54
Mean y 51.38
RMS x 54.27
RMS y 57.25
side N [adc counts]
side P [adc counts]

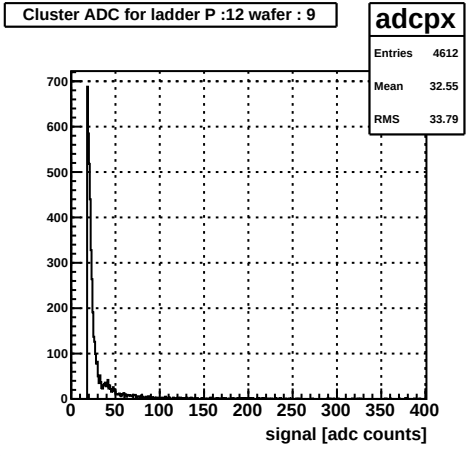

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21779
Mean 23.92
RMS 11.12
signal [adc counts]

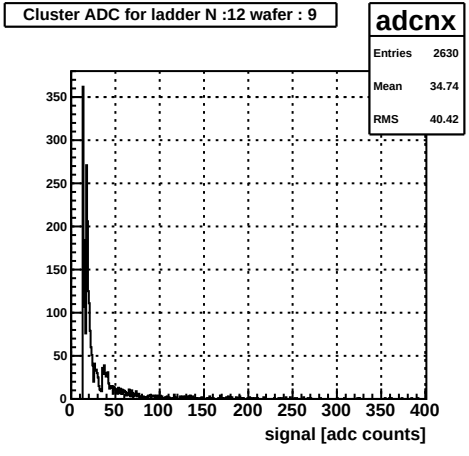

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1485
Mean 40.22
RMS 49.22
signal [adc counts]

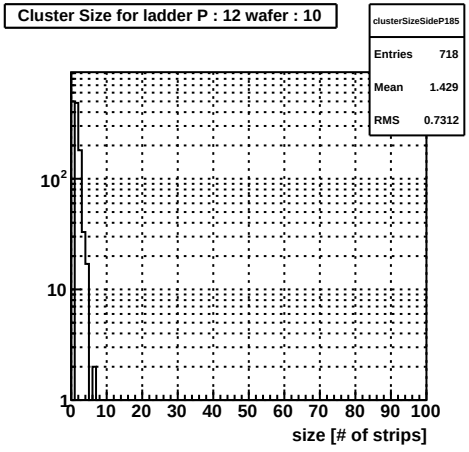

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4612
Mean 1.142
RMS 0.4425
size [# of strips]

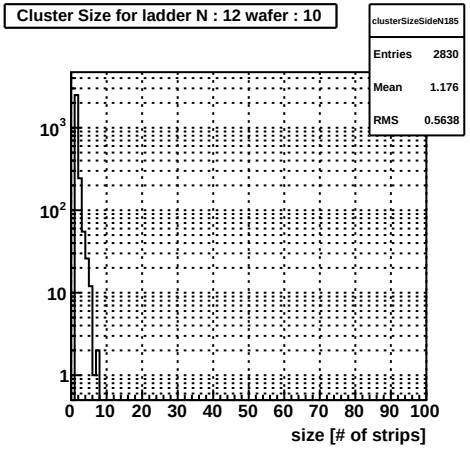

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2630
Mean 1.292
RMS 0.6066
size [# of strips]

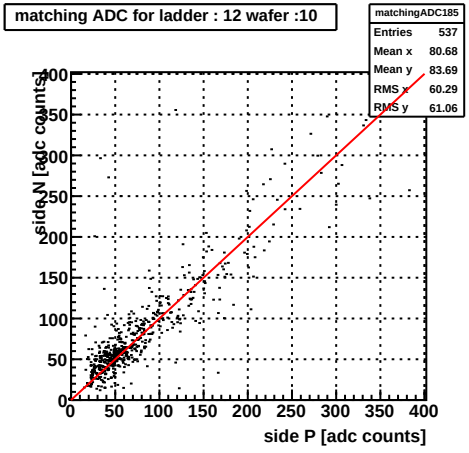

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 538
Mean x 73.86
Mean y 73.79
RMS x 63.03
RMS y 63.1
side N [adc counts]
side P [adc counts]

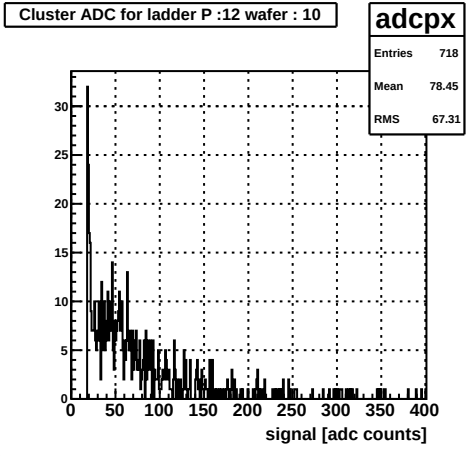

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4612
Mean 32.55
RMS 33.79
signal [adc counts]

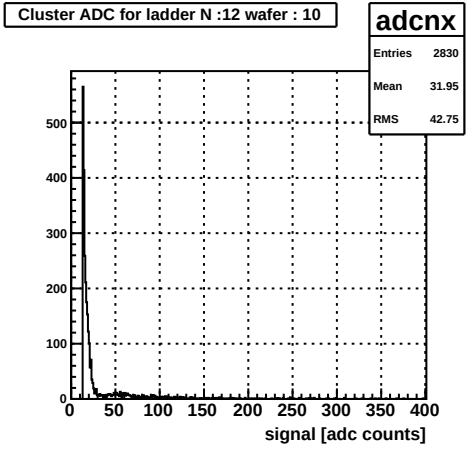

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2630
Mean 34.74
RMS 40.42
signal [adc counts]

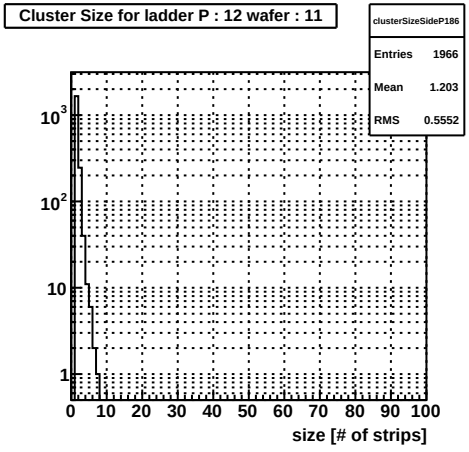

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 718
Mean 1.429
RMS 0.7312
size [# of strips]

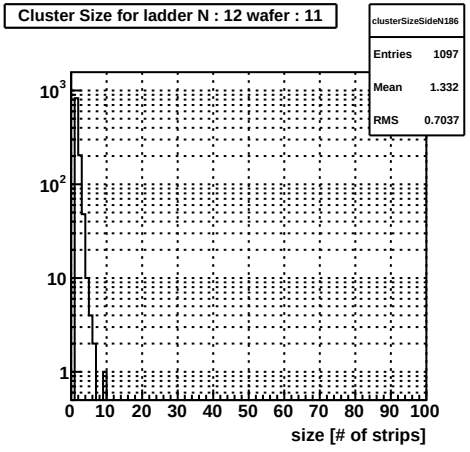

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2830
Mean 1.176
RMS 0.5638
size [# of strips]

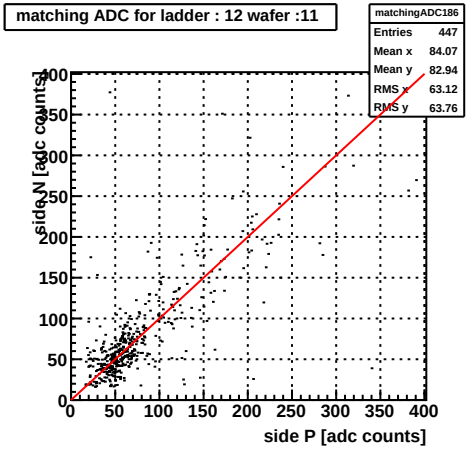

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 537
Mean x 80.68
Mean y 83.69
RMS x 60.29
RMS y 61.06
side N [adc counts]
side P [adc counts]

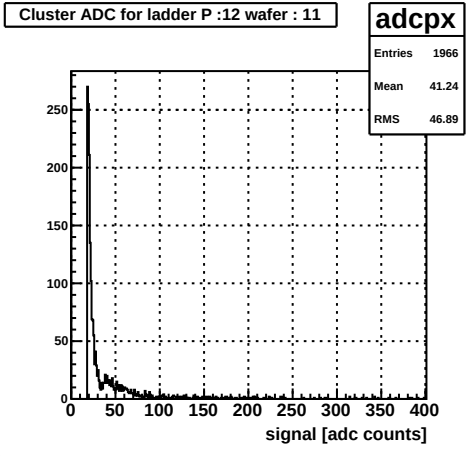

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 718
Mean 78.45
RMS 67.31
signal [adc counts]

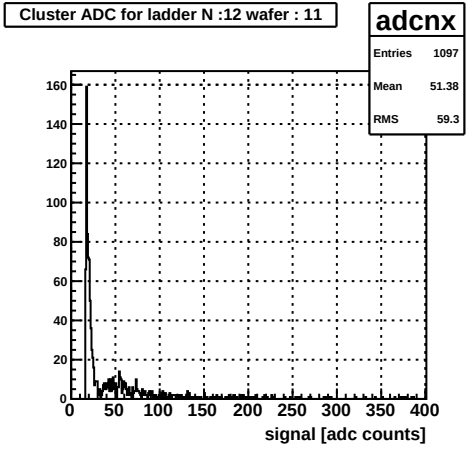

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2830
Mean 31.95
RMS 42.75
signal [adc counts]

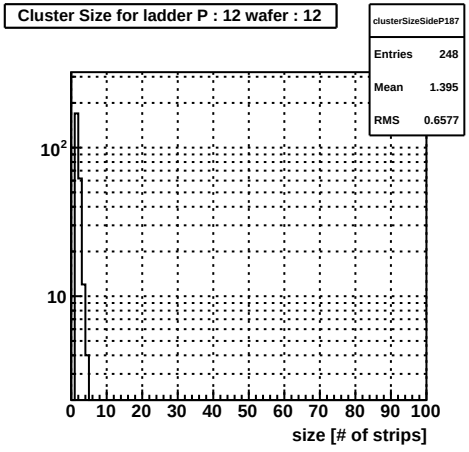

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1966
Mean 1.203
RMS 0.5552
size [# of strips]

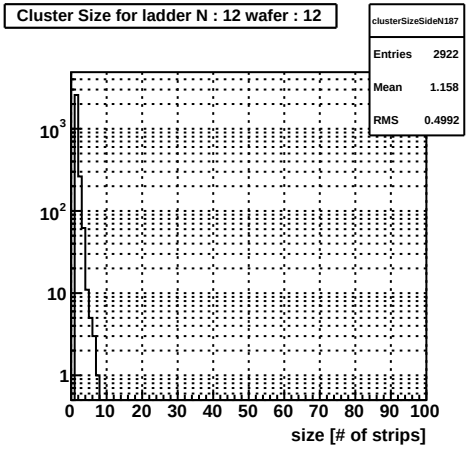

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1097
Mean 1.332
RMS 0.7037
size [# of strips]

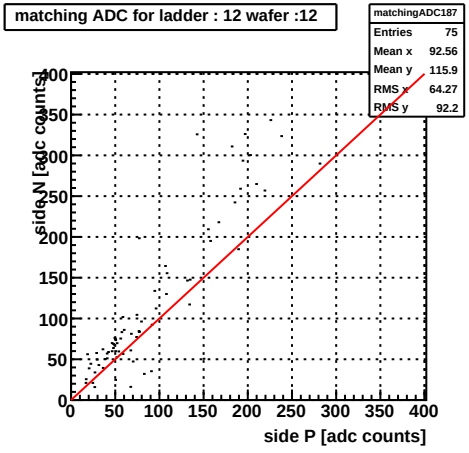

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 447
Mean x 84.07
Mean y 82.94
RMS x 63.12
RMS y 63.76
side N [adc counts]
side P [adc counts]

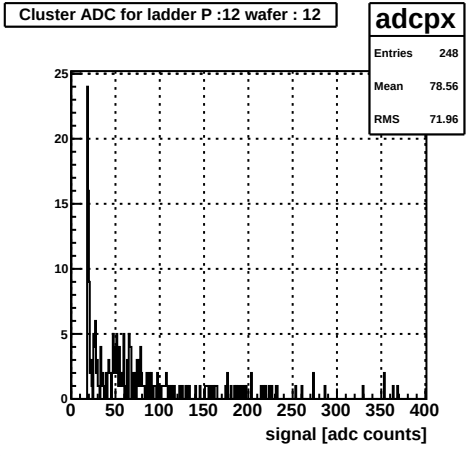

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1966
Mean 41.24
RMS 46.89
signal [adc counts]

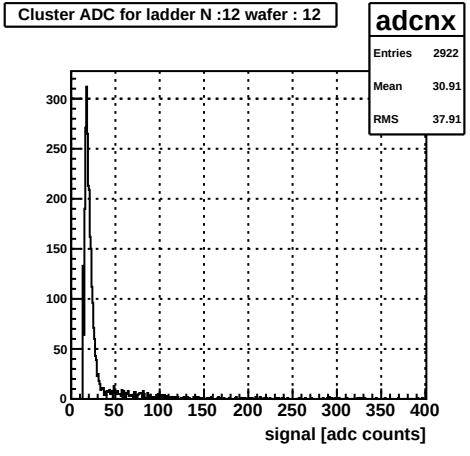

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1097
Mean 51.38
RMS 59.3
signal [adc counts]

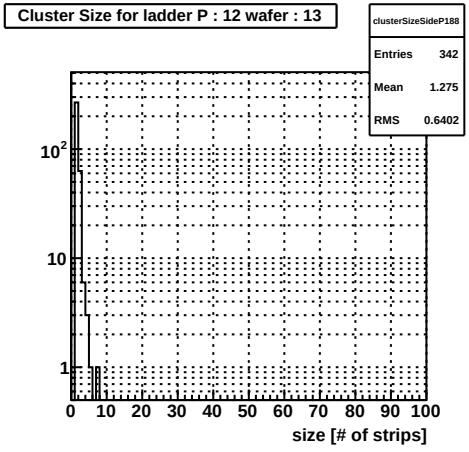

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 248
Mean 1.395
RMS 0.6577
size [# of strips]

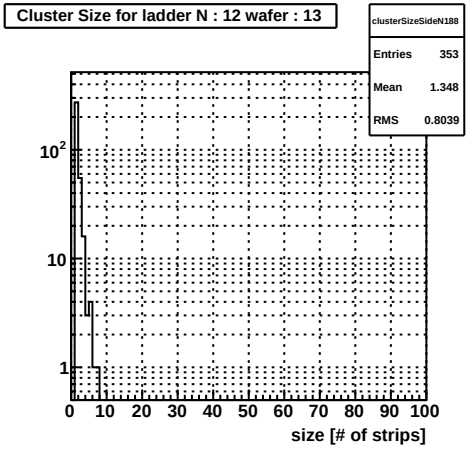

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2922
Mean 1.158
RMS 0.4992
size [# of strips]

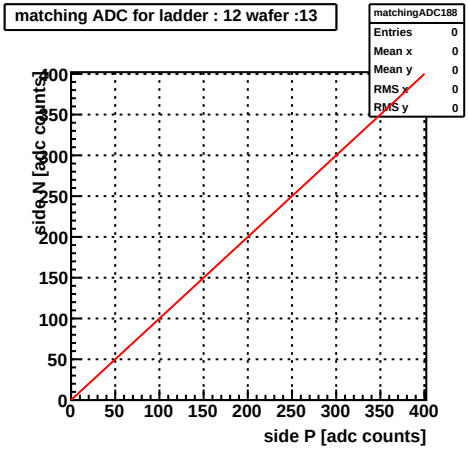

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 75
Mean x 92.56
Mean y 115.9
RMS x 64.27
RMS y 92.2
side N [adc counts]
side P [adc counts]

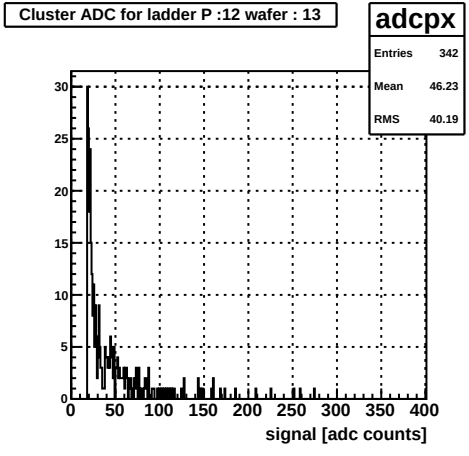

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 248
Mean 78.56
RMS 71.96
signal [adc counts]

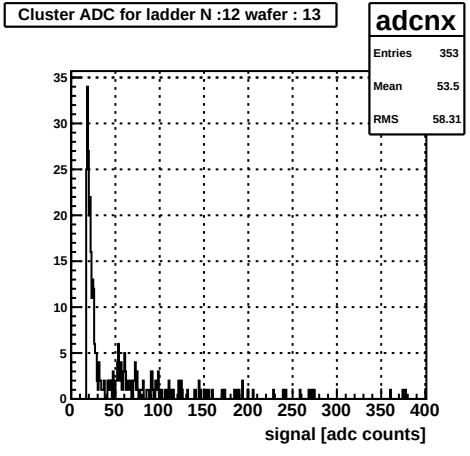

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2922
Mean 30.91
RMS 37.91
signal [adc counts]

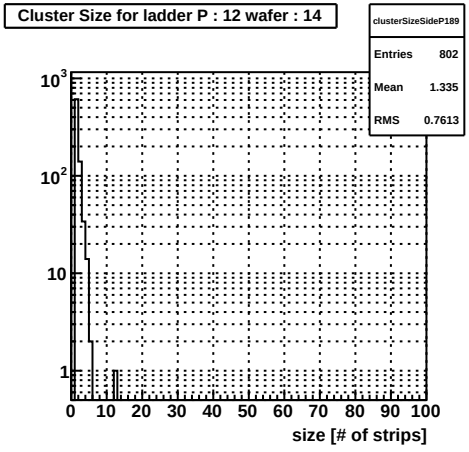

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 342
Mean 1.275
RMS 0.6402
size [# of strips]

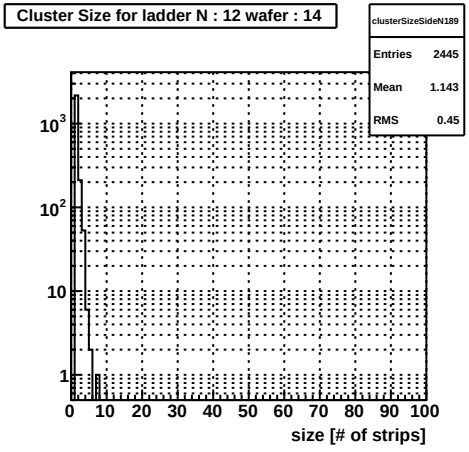

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 353
Mean 1.348
RMS 0.8039
size [# of strips]

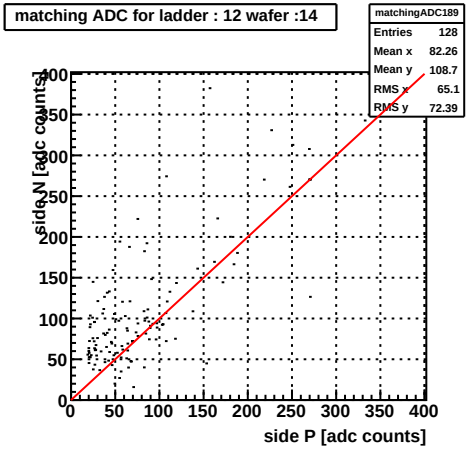

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

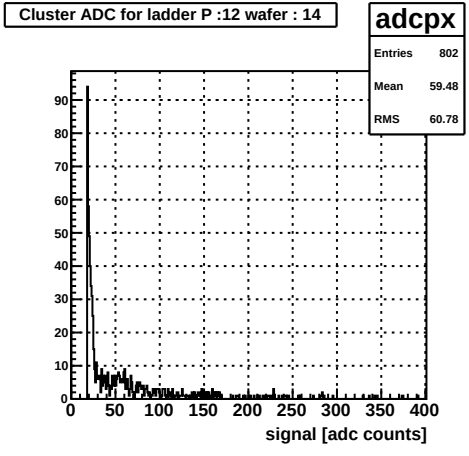

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 342
Mean 46.23
RMS 40.19
signal [adc counts]

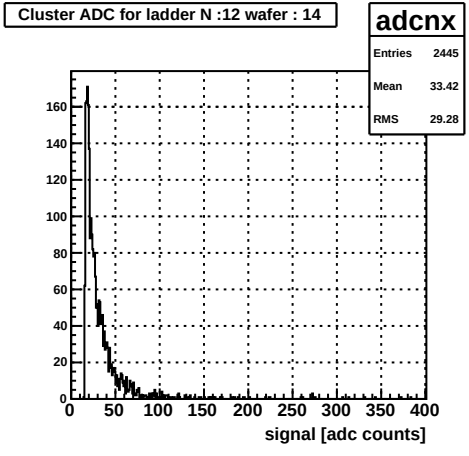

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 353
Mean 53.5
RMS 58.31
signal [adc counts]

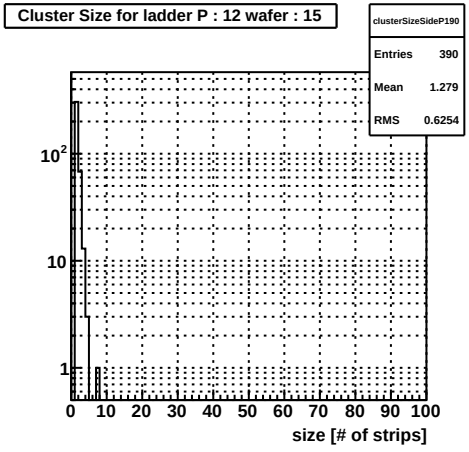

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 802
Mean 1.335
RMS 0.7613
size [# of strips]

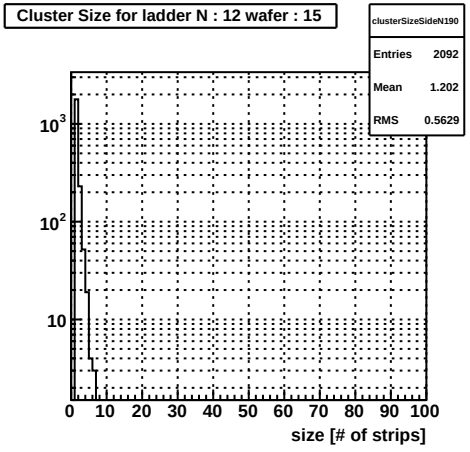

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2445
Mean 1.143
RMS 0.45
size [# of strips]

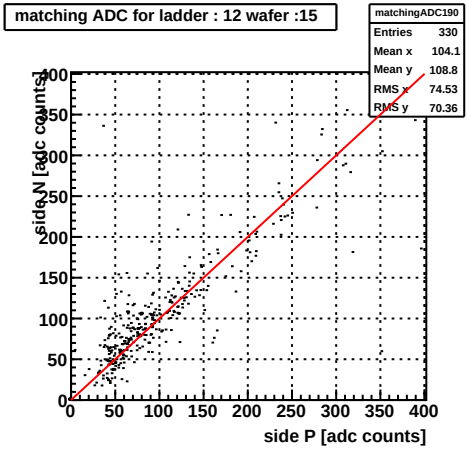

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 128
Mean x 82.26
Mean y 108.7
RMS x 65.1
RMS y 72.39
side N [adc counts]
side P [adc counts]

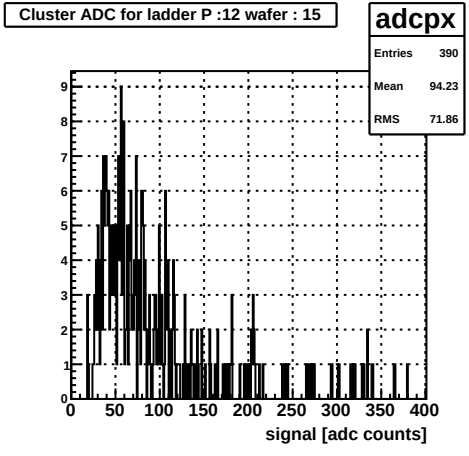

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 802
Mean 59.48
RMS 60.78
signal [adc counts]

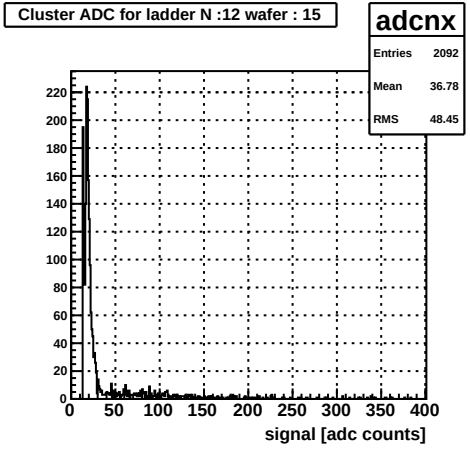

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2445
Mean 33.42
RMS 29.28
signal [adc counts]

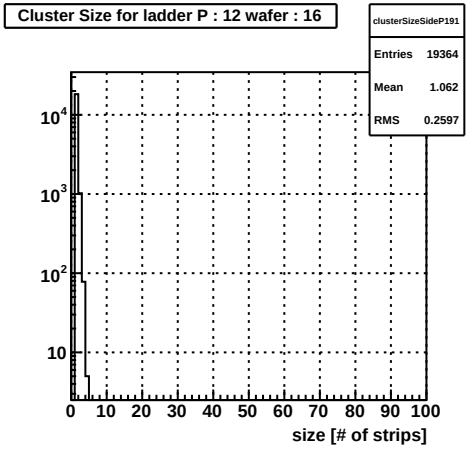

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 390
Mean 1.279
RMS 0.6254
size [# of strips]

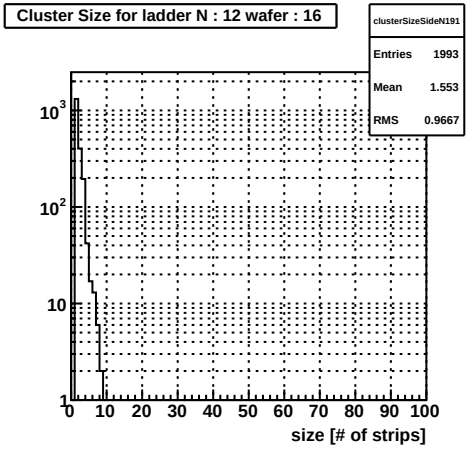

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2092
Mean 1.202
RMS 0.5629
size [# of strips]

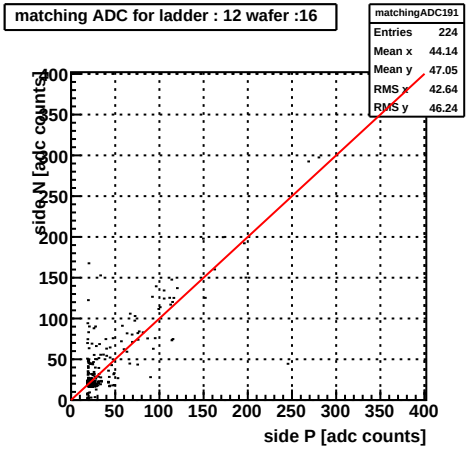

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 330
Mean x 104.1
Mean y 108.8
RMS x 74.53
RMS y 70.36
side N [adc counts]
side P [adc counts]

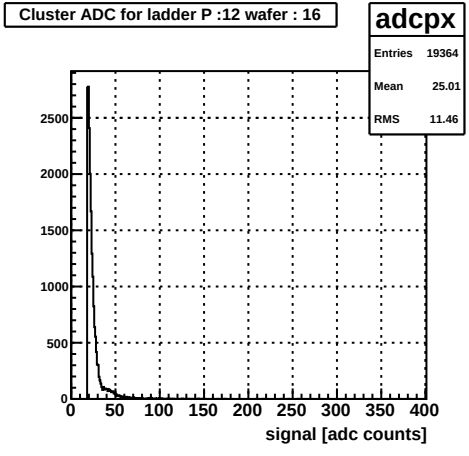

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 390
Mean 94.23
RMS 71.86
signal [adc counts]

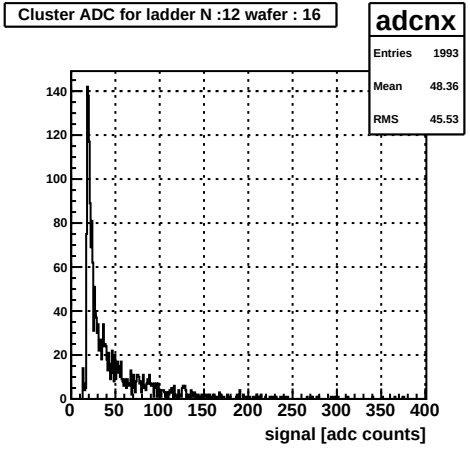

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2092
Mean 36.78
RMS 48.45
signal [adc counts]

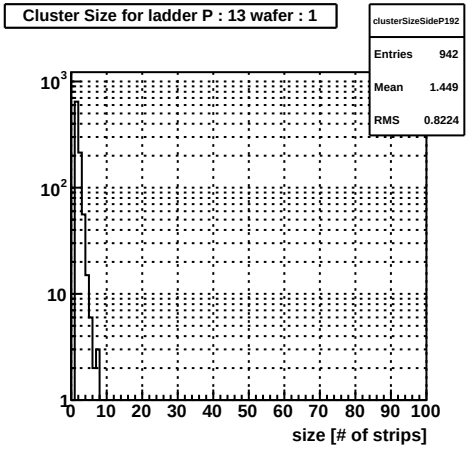

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19364
Mean 1.062
RMS 0.2597
size [# of strips]

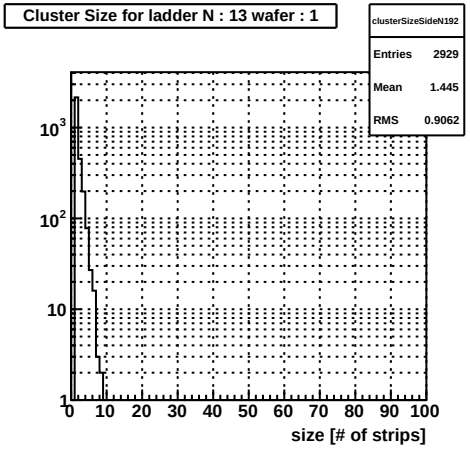

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1993
Mean 1.553
RMS 0.9667
size [# of strips]

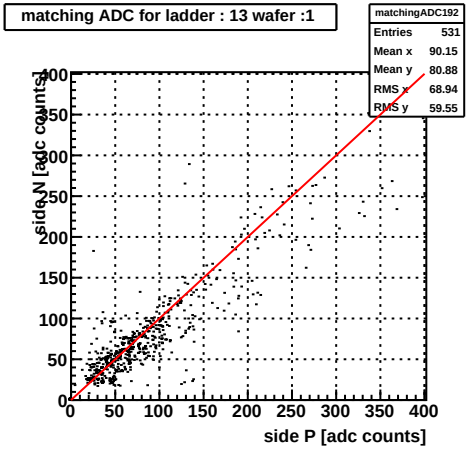

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 224
Mean x 44.14
Mean y 47.05
RMS x 42.64
RMS y 46.24
side N [adc counts]
side P [adc counts]

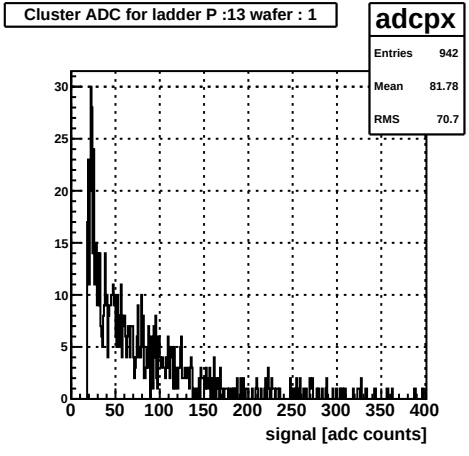

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19364
Mean 25.01
RMS 11.46
signal [adc counts]

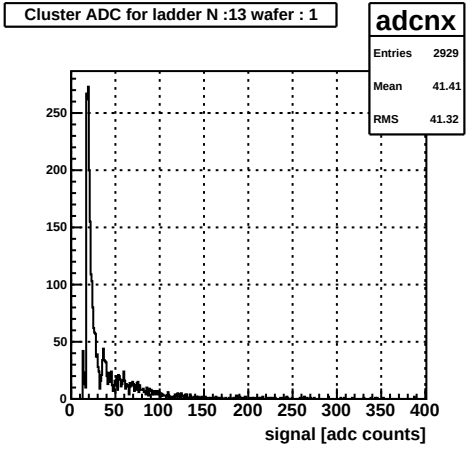

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1993
Mean 48.36
RMS 45.53
signal [adc counts]

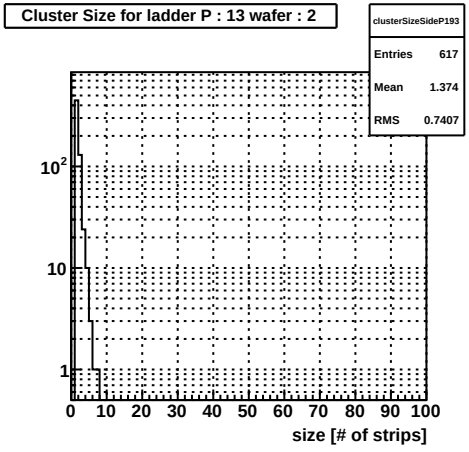

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 942
Mean 1.449
RMS 0.8224
size [# of strips]

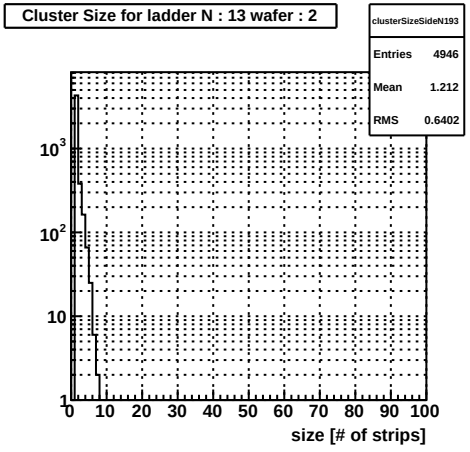

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2929
Mean 1.445
RMS 0.9062
size [# of strips]

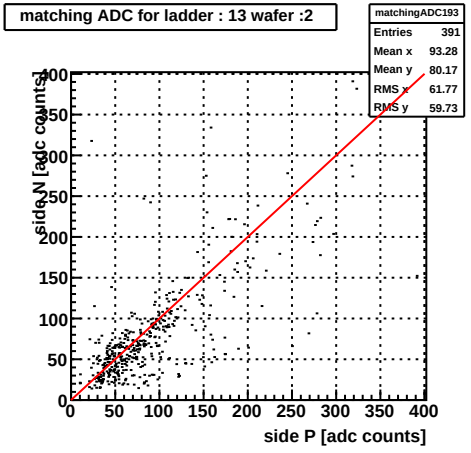

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 531
Mean x 90.15
Mean y 80.88
RMS x 68.94
RMS y 59.55
side N [adc counts]
side P [adc counts]

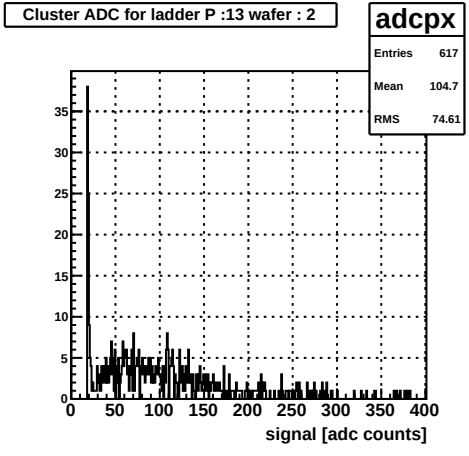

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 942
Mean 81.78
RMS 70.7
signal [adc counts]

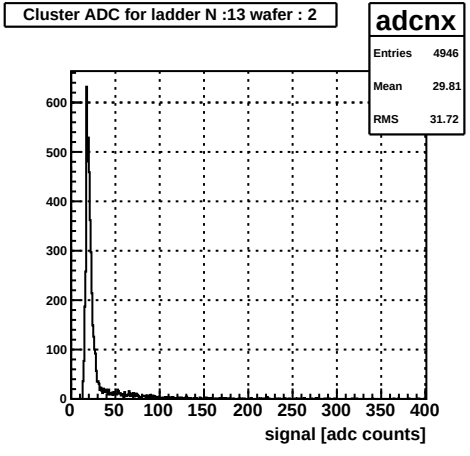

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2929
Mean 41.41
RMS 41.32
signal [adc counts]

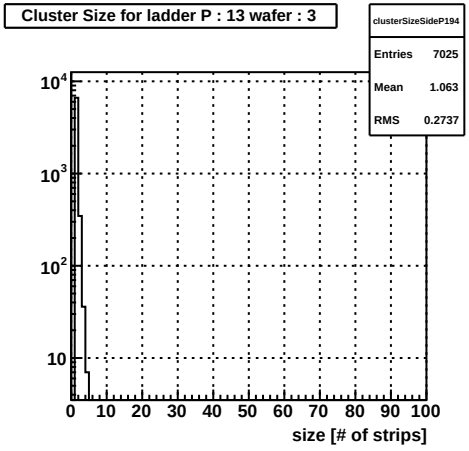

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 617
Mean 1.374
RMS 0.7407
size [# of strips]

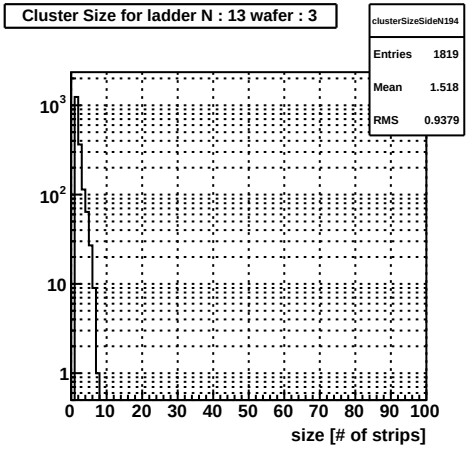

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4946
Mean 1.212
RMS 0.6402
size [# of strips]

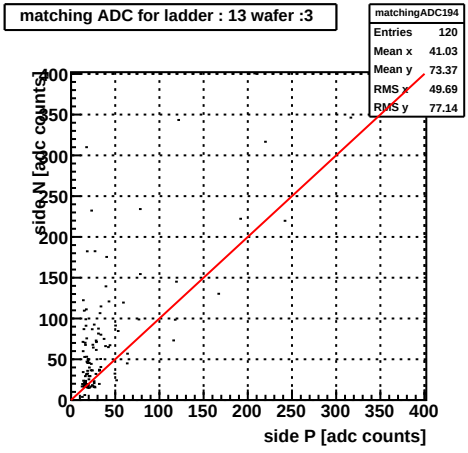

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 391
Mean x 93.28
Mean y 80.17
RMS x 61.77
RMS y 59.73
side N [adc counts]
side P [adc counts]

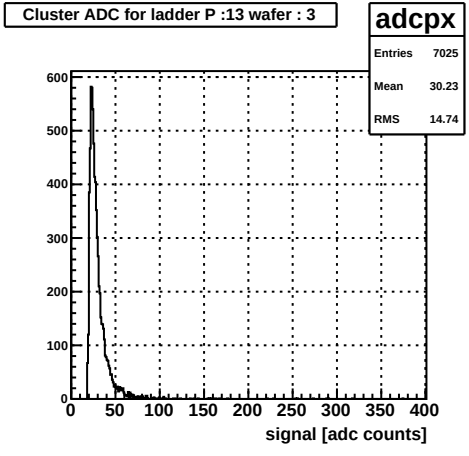

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 617
Mean 104.7
RMS 74.61
signal [adc counts]

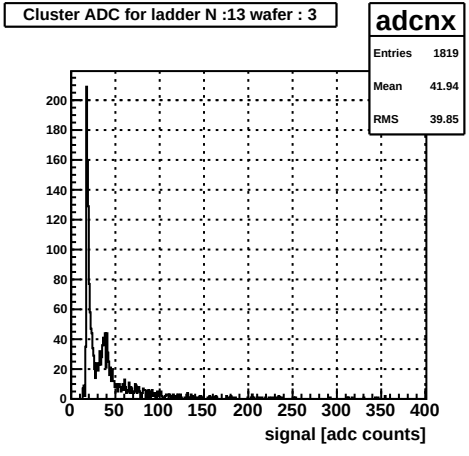

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4946
Mean 29.81
RMS 31.72
signal [adc counts]

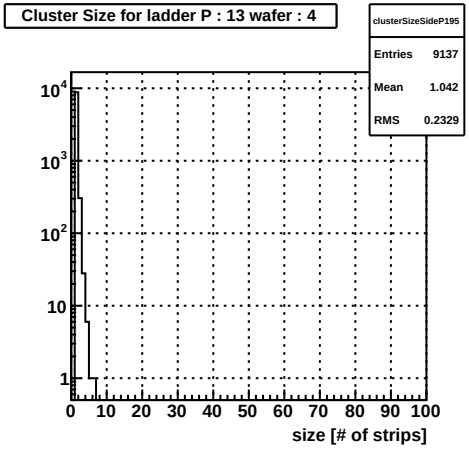

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 7025
Mean 1.063
RMS 0.2737
size [# of strips]

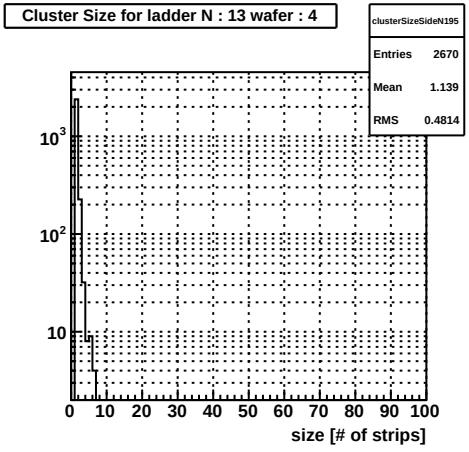

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1819
Mean 1.518
RMS 0.9379
size [# of strips]

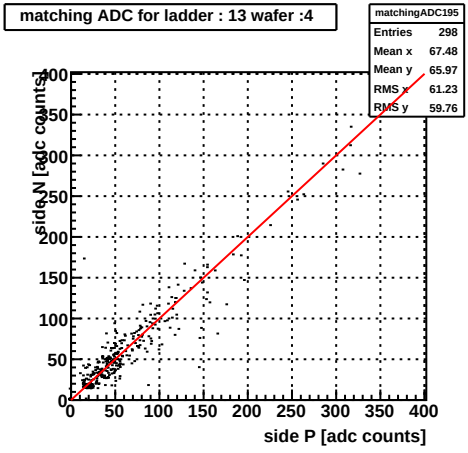

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 120
Mean x 41.03
Mean y 73.37
RMS x 49.69
RMS y 77.14
side N [adc counts]
side P [adc counts]

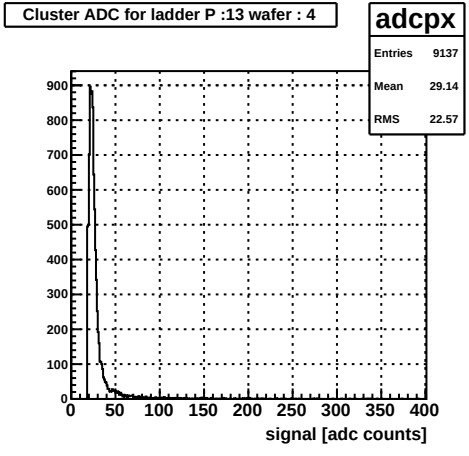

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 7025
Mean 30.23
RMS 14.74
signal [adc counts]

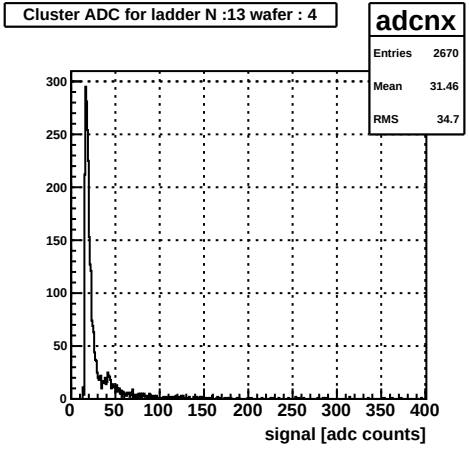

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1819
Mean 41.94
RMS 39.85
signal [adc counts]

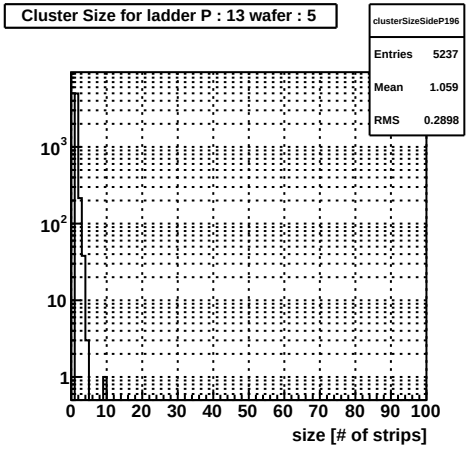

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9137
Mean 1.042
RMS 0.2329
size [# of strips]

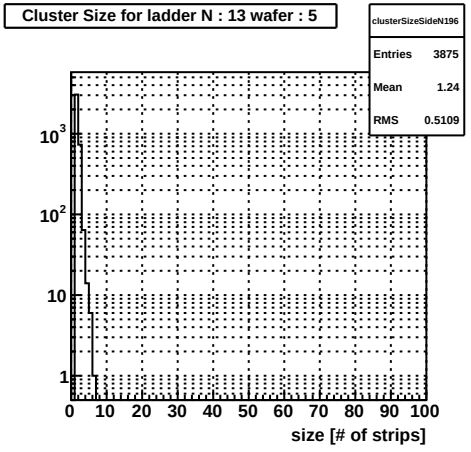

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2670
Mean 1.139
RMS 0.4814
size [# of strips]

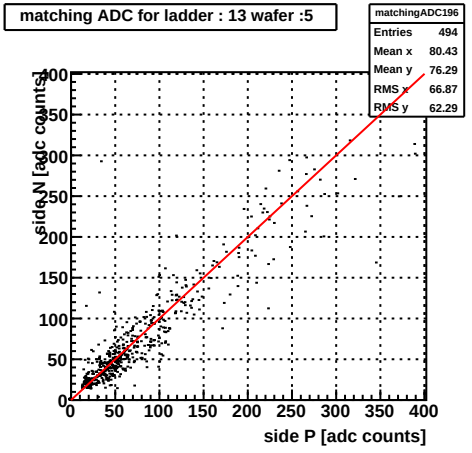

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 298
Mean x 67.48
Mean y 65.97
RMS x 61.23
RMS y 59.76
side N [adc counts]
side P [adc counts]

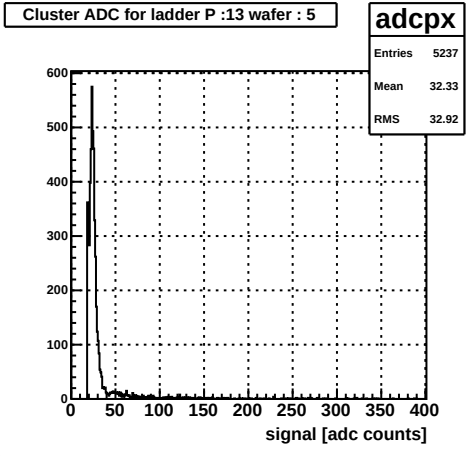

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9137
Mean 29.14
RMS 22.57
signal [adc counts]

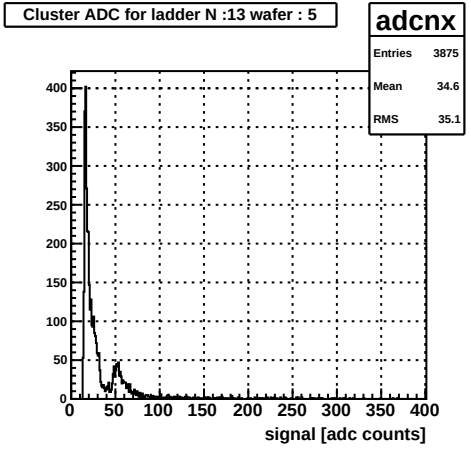

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2670
Mean 31.46
RMS 34.7
signal [adc counts]

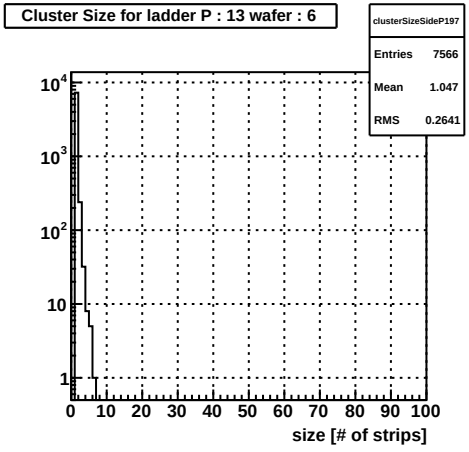

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5237
Mean 1.059
RMS 0.2898
size [# of strips]

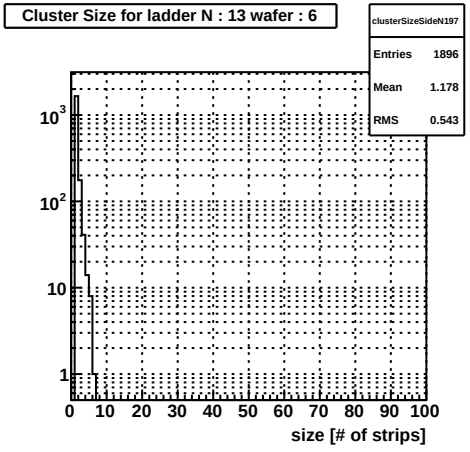

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3875
Mean 1.24
RMS 0.5109
size [# of strips]

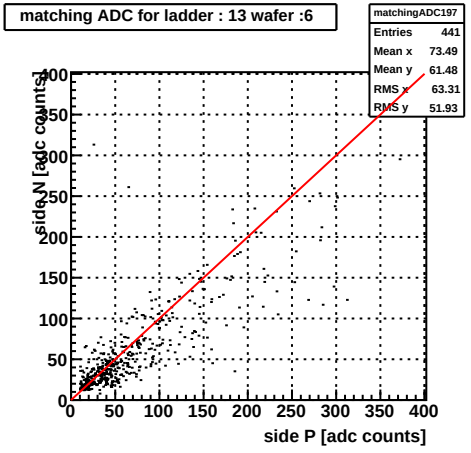

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 494
Mean x 80.43
Mean y 76.29
RMS x 66.87
RMS y 62.29
side N [adc counts]
side P [adc counts]

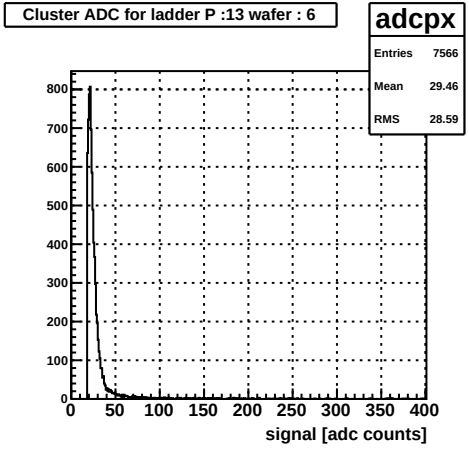

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5237
Mean 32.33
RMS 32.92
signal [adc counts]

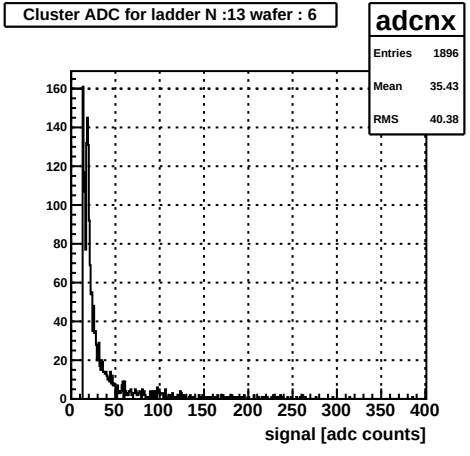

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3875
Mean 34.6
RMS 35.1
signal [adc counts]

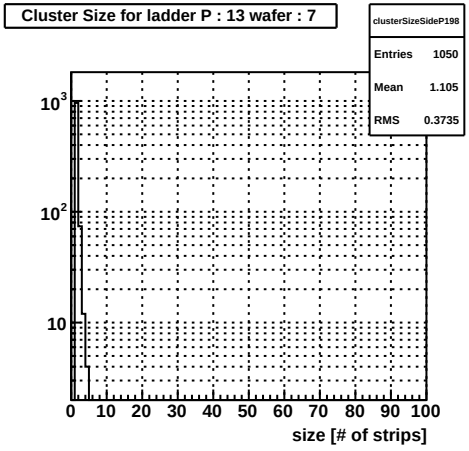

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7566
Mean 1.047
RMS 0.2641
size [# of strips]

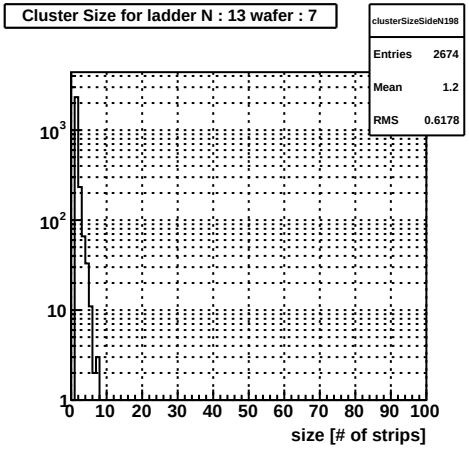

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1896
Mean 1.178
RMS 0.543
size [# of strips]

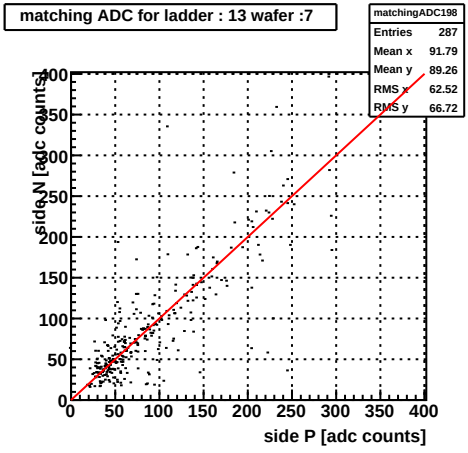

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 441
Mean x 73.49
Mean y 61.48
RMS x 63.31
RMS y 51.93
side N [adc counts]
side P [adc counts]

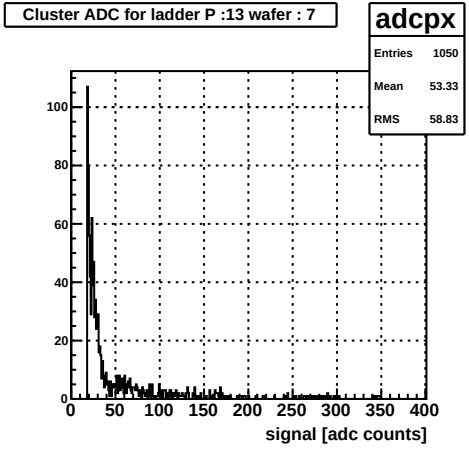

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7566
Mean 29.46
RMS 28.59
signal [adc counts]

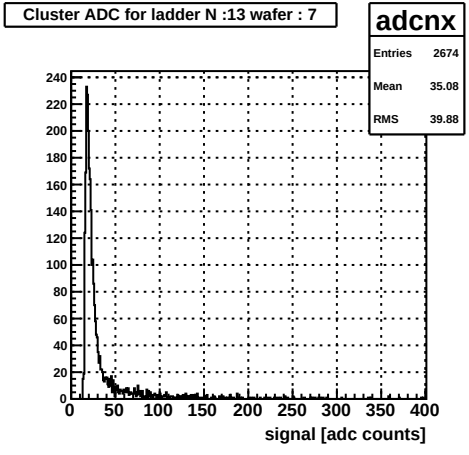

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1896
Mean 35.43
RMS 40.38
signal [adc counts]

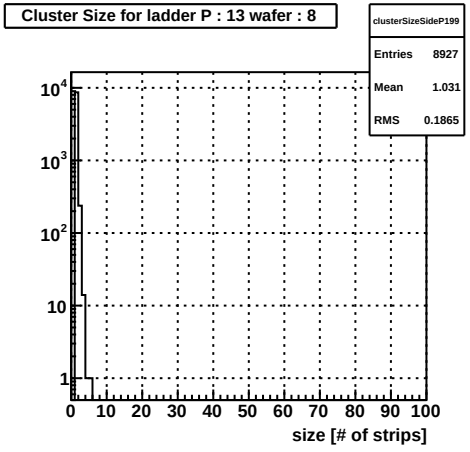

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1050
Mean 1.105
RMS 0.3735
size [# of strips]

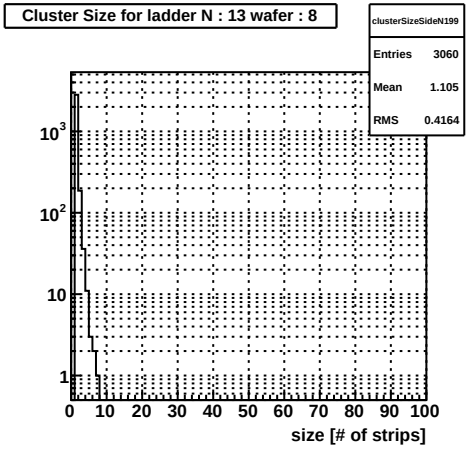

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2674
Mean 1.2
RMS 0.6178
size [# of strips]

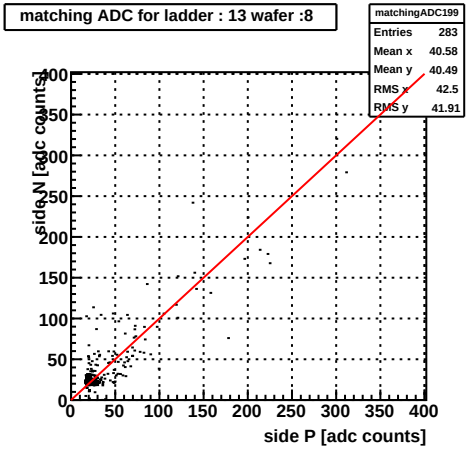

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 287
Mean x 91.79
Mean y 89.26
RMS x 62.52
RMS y 66.72
side N [adc counts]
side P [adc counts]

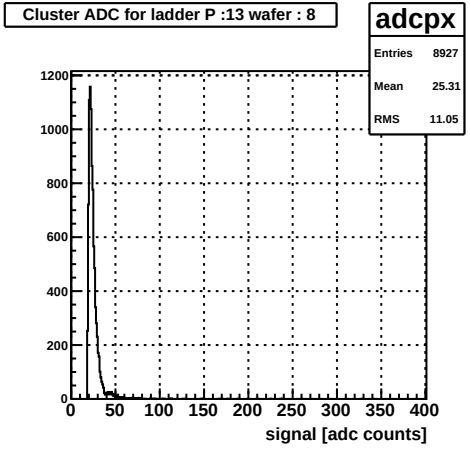

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1050
Mean 53.33
RMS 58.83
signal [adc counts]

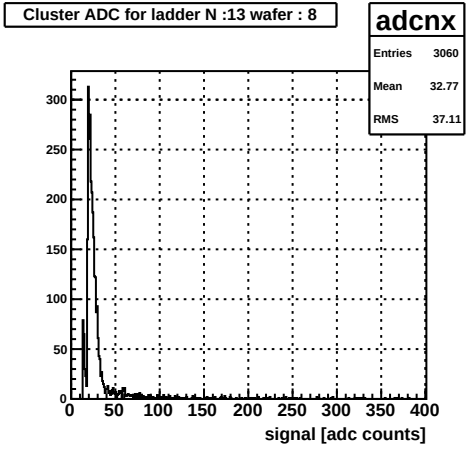

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2674
Mean 35.08
RMS 39.88
signal [adc counts]

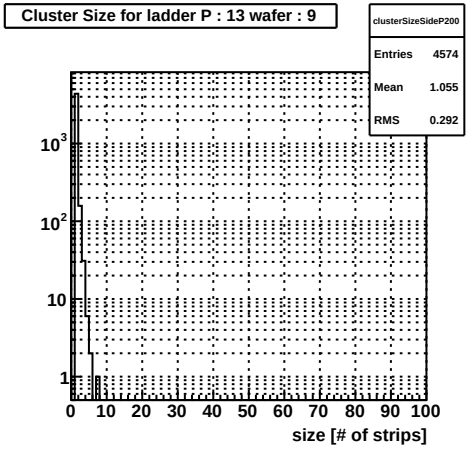

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8927
Mean 1.031
RMS 0.1865
size [# of strips]

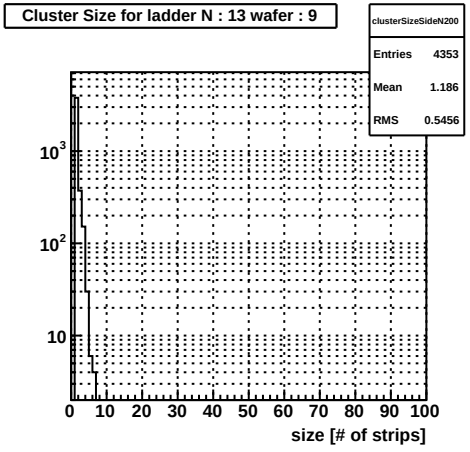

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3060
Mean 1.105
RMS 0.4164
size [# of strips]

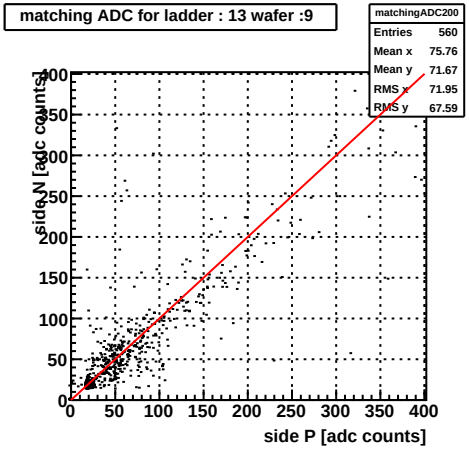

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 283
Mean x 40.58
Mean y 40.49
RMS x 42.5
RMS y 41.91
side N [adc counts]
side P [adc counts]

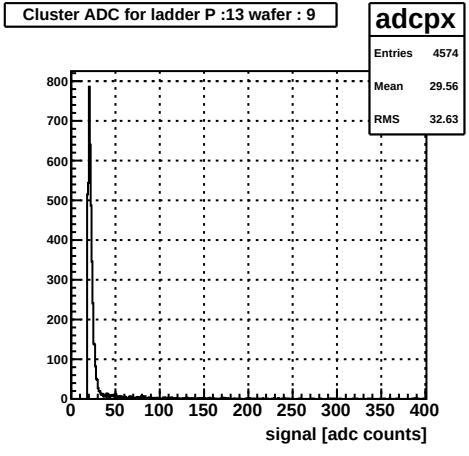

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8927
Mean 25.31
RMS 11.05
signal [adc counts]

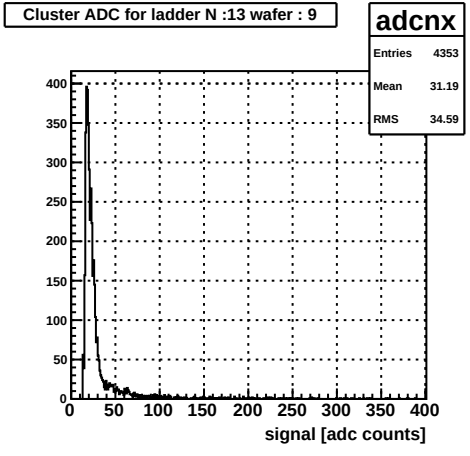

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3060
Mean 32.77
RMS 37.11
signal [adc counts]

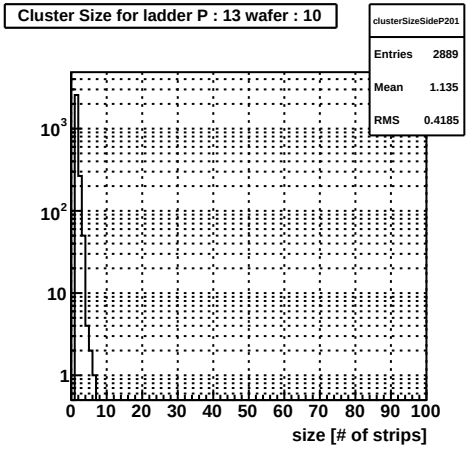

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4574
Mean 1.055
RMS 0.292
size [# of strips]

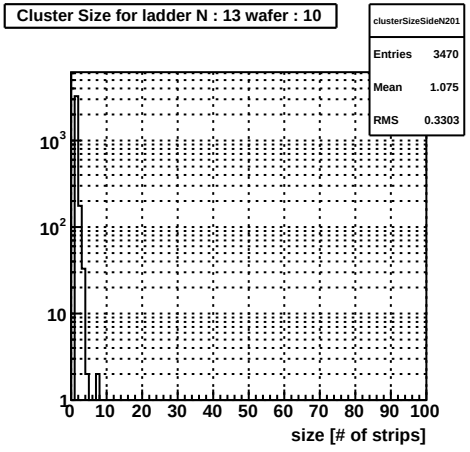

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4353
Mean 1.186
RMS 0.5456
size [# of strips]

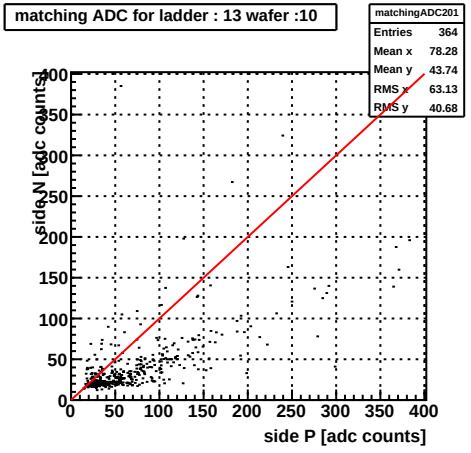

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 560
Mean x 75.76
Mean y 71.67
RMS x 71.95
RMS y 67.59
side N [adc counts]
side P [adc counts]

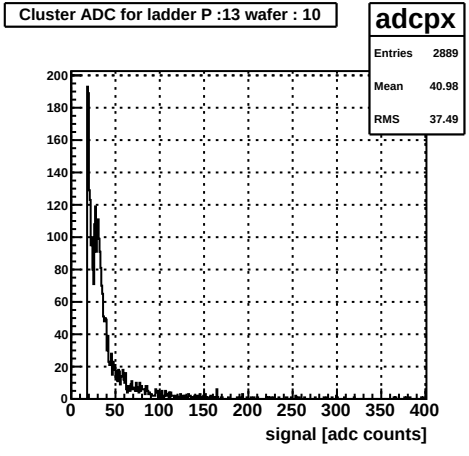

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4574
Mean 29.56
RMS 32.63
signal [adc counts]

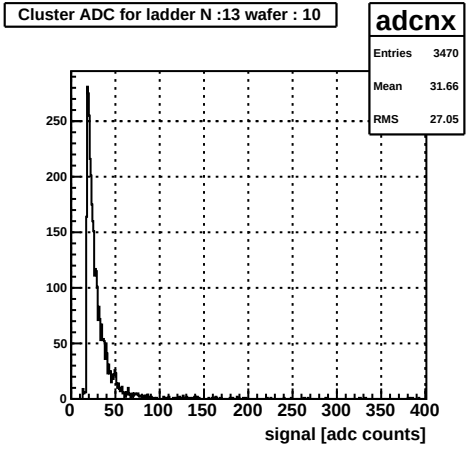

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4353
Mean 31.19
RMS 34.59
signal [adc counts]

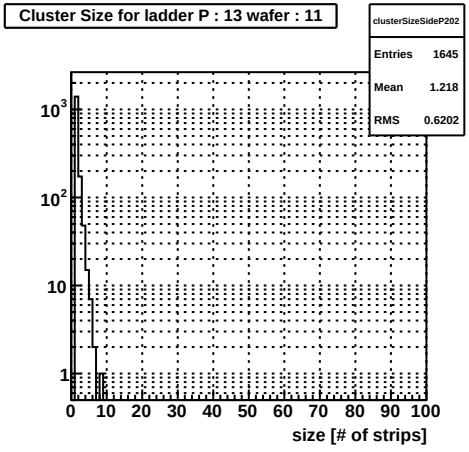

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2889
Mean 1.135
RMS 0.4185
size [# of strips]

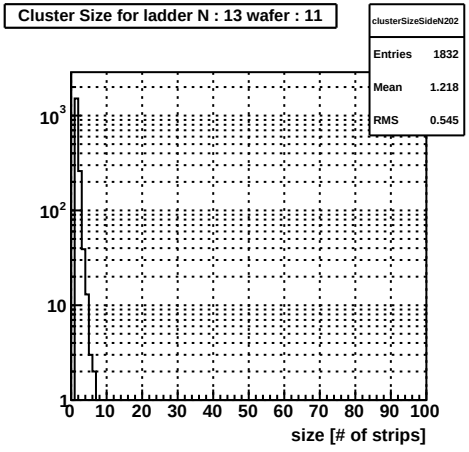

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3470
Mean 1.075
RMS 0.3303
size [# of strips]

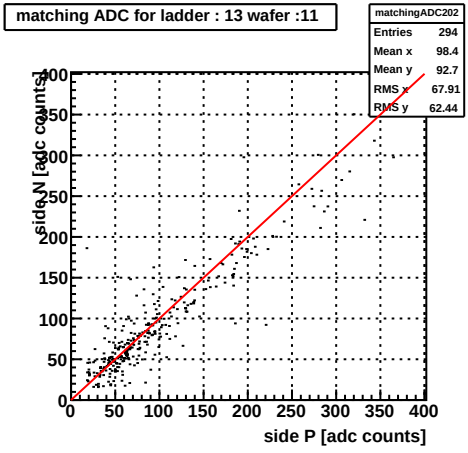

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 364
Mean x 78.28
Mean y 43.74
RMS x 63.13
RMS y 40.68
side N [adc counts]
side P [adc counts]

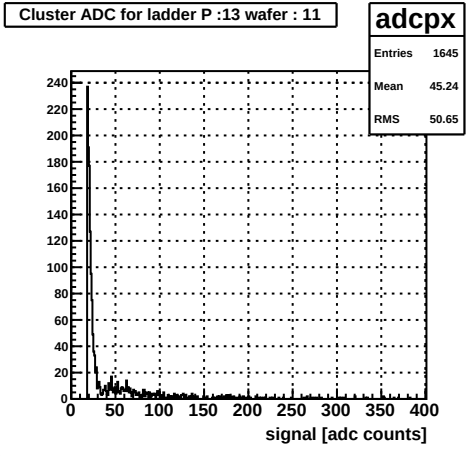

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2889
Mean 40.98
RMS 37.49
signal [adc counts]

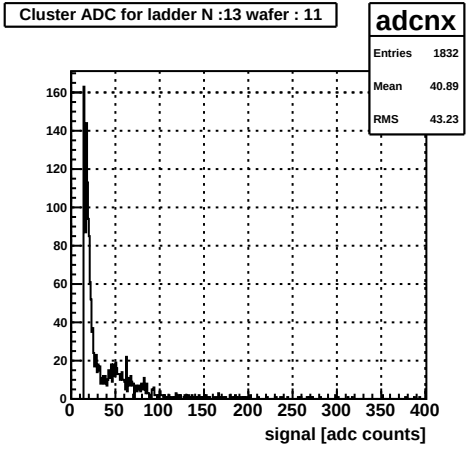

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3470
Mean 31.66
RMS 27.05
signal [adc counts]

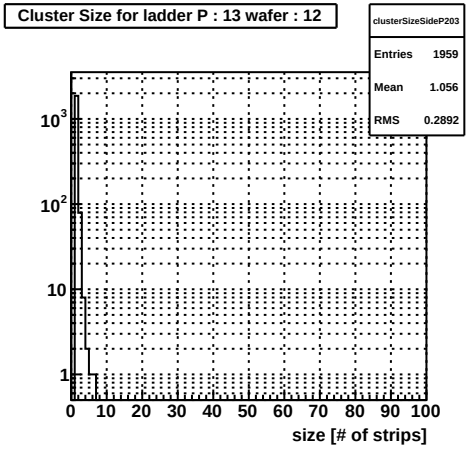

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1645
Mean 1.218
RMS 0.6202
size [# of strips]

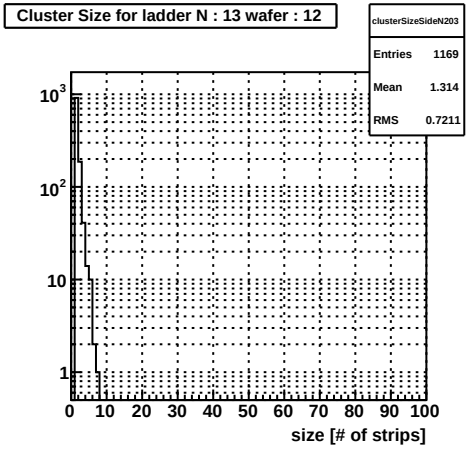

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1832
Mean 1.218
RMS 0.545
size [# of strips]

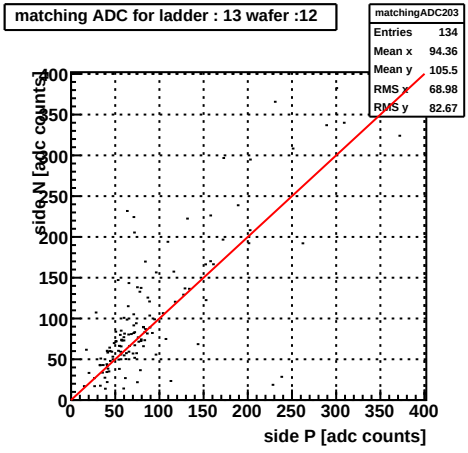

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 294
Mean x 98.4
Mean y 92.7
RMS x 67.91
RMS y 62.44
side N [adc counts]
side P [adc counts]

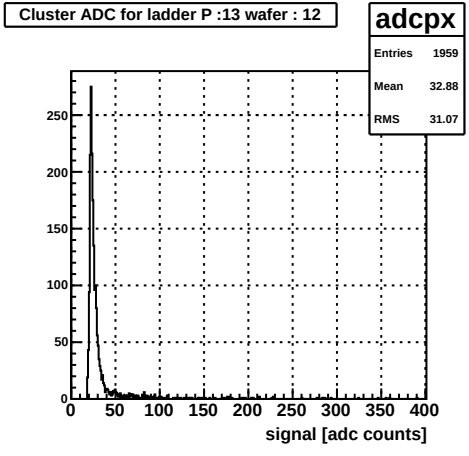

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1645
Mean 45.24
RMS 50.65
signal [adc counts]

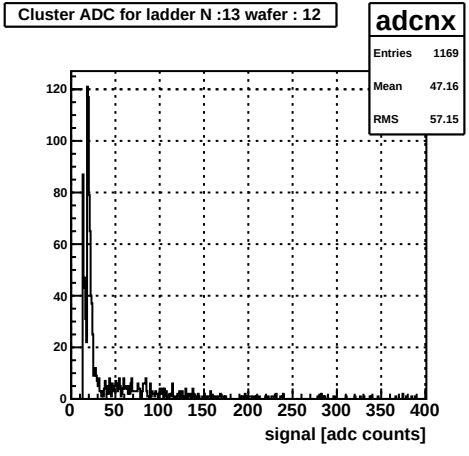

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1832
Mean 40.89
RMS 43.23
signal [adc counts]

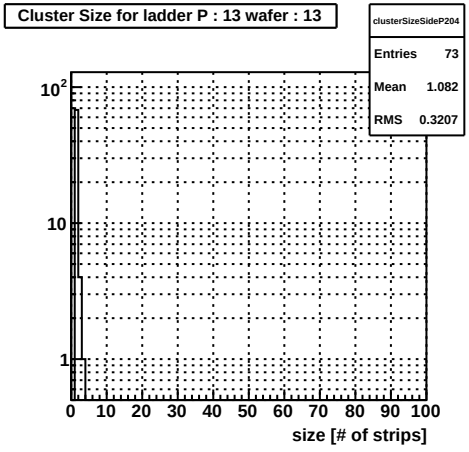

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1959
Mean 1.056
RMS 0.2892
size [# of strips]

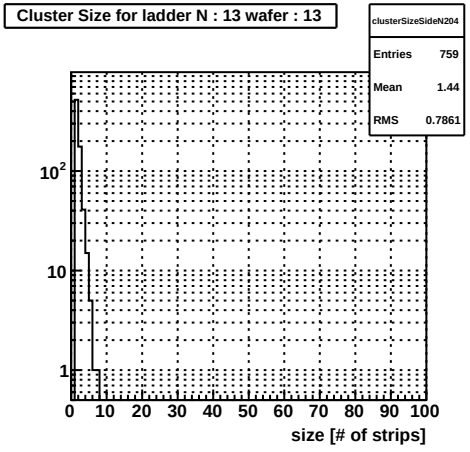

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1169
Mean 1.314
RMS 0.7211
size [# of strips]

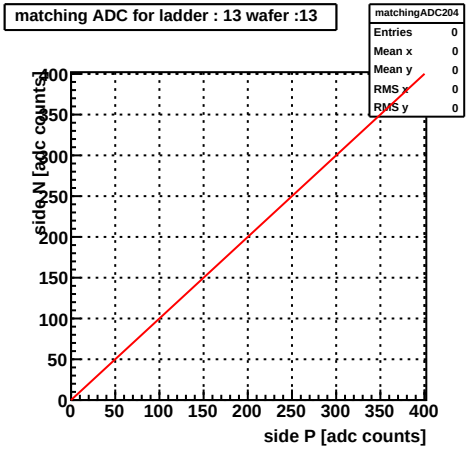

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 134
Mean x 94.36
Mean y 105.5
RMS x 68.98
RMS y 82.67
side N [adc counts]
side P [adc counts]

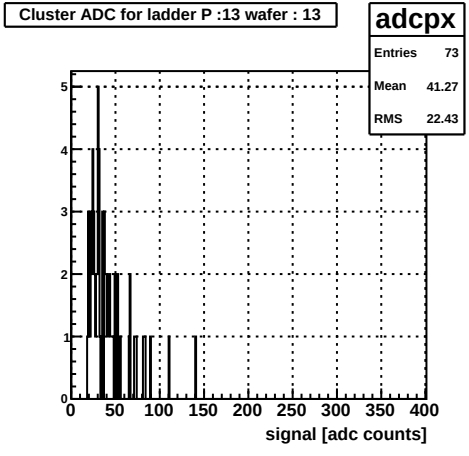

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1959
Mean 32.88
RMS 31.07
signal [adc counts]

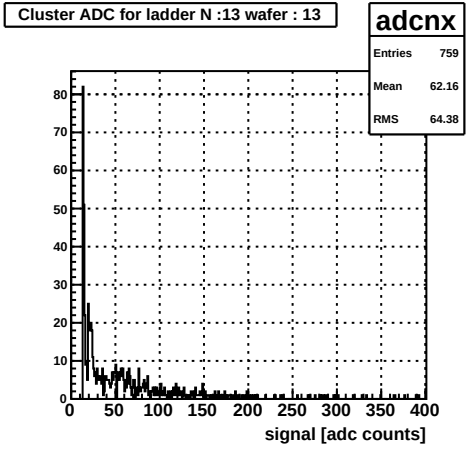

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1169
Mean 47.16
RMS 57.15
signal [adc counts]

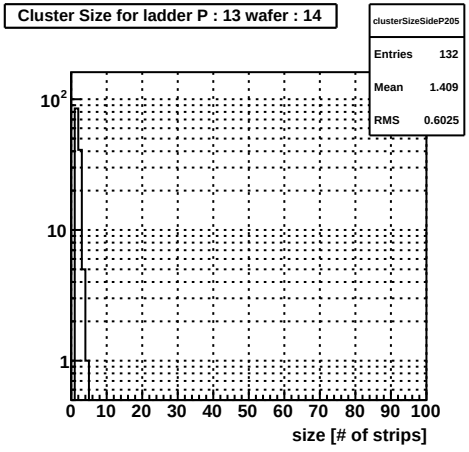

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 73
Mean 1.082
RMS 0.3207
size [# of strips]

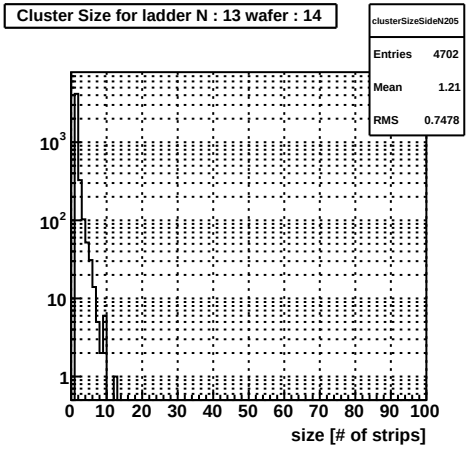

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 759
Mean 1.44
RMS 0.7861
size [# of strips]

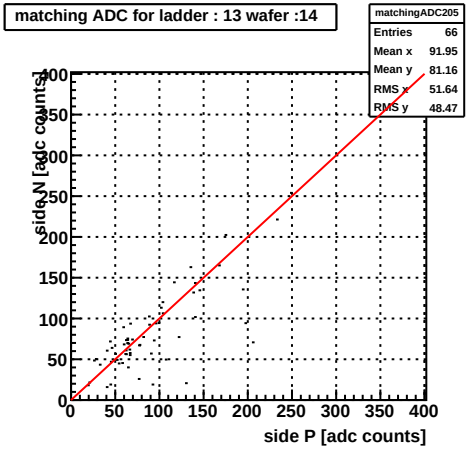

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

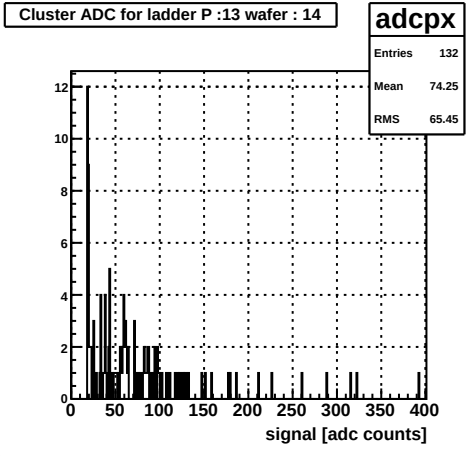

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 73
Mean 41.27
RMS 22.43
signal [adc counts]

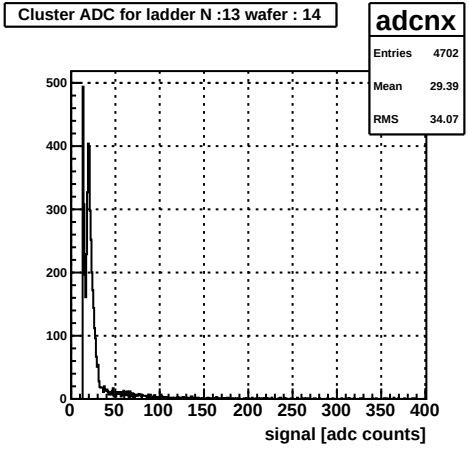

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 759
Mean 62.16
RMS 64.38
signal [adc counts]

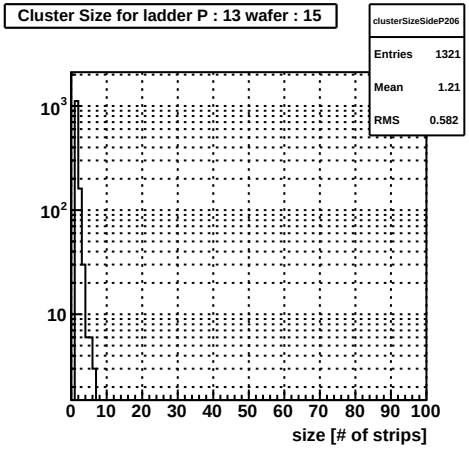

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 132
Mean 1.409
RMS 0.6025
size [# of strips]

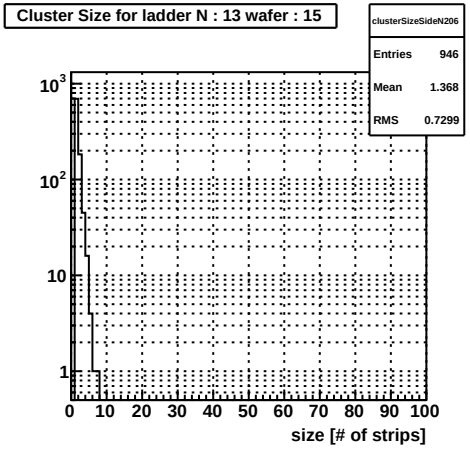

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4702
Mean 1.21
RMS 0.7478
size [# of strips]

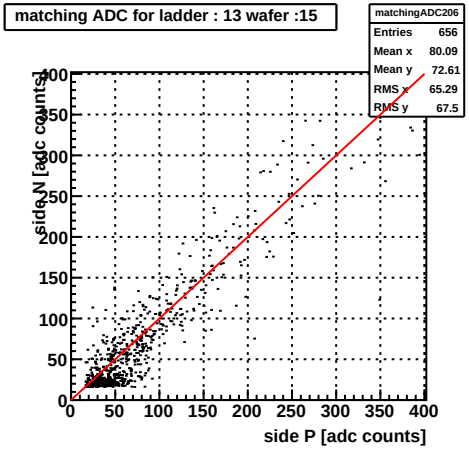

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 66
Mean x 91.95
Mean y 81.16
RMS x 51.64
RMS y 48.47
side N [adc counts]
side P [adc counts]

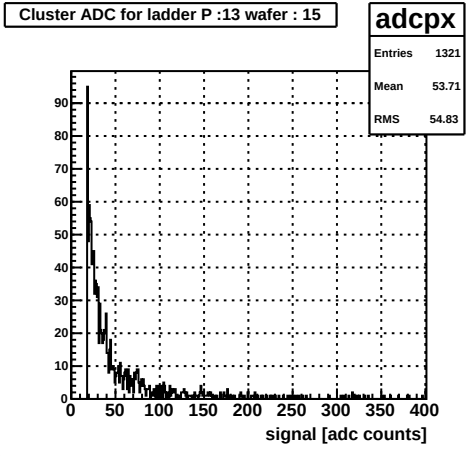

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 132
Mean 74.25
RMS 65.45
signal [adc counts]

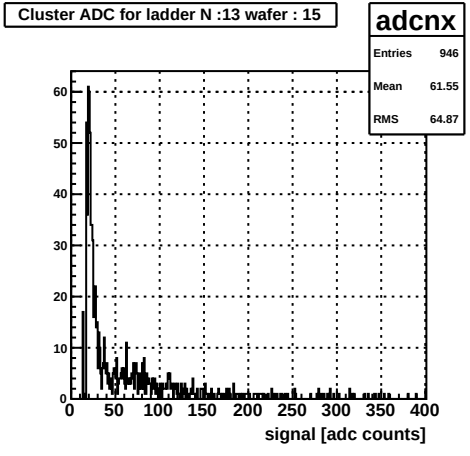

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4702
Mean 29.39
RMS 34.07
signal [adc counts]

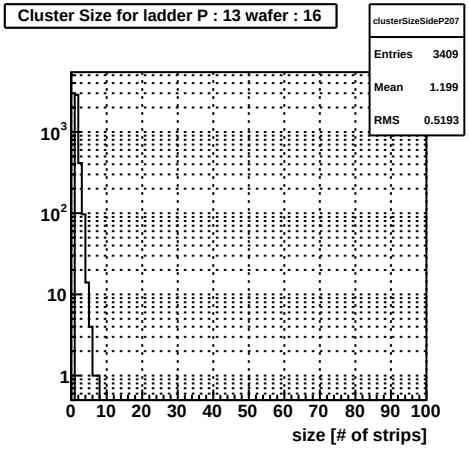

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1321
Mean 1.21
RMS 0.582
size [# of strips]

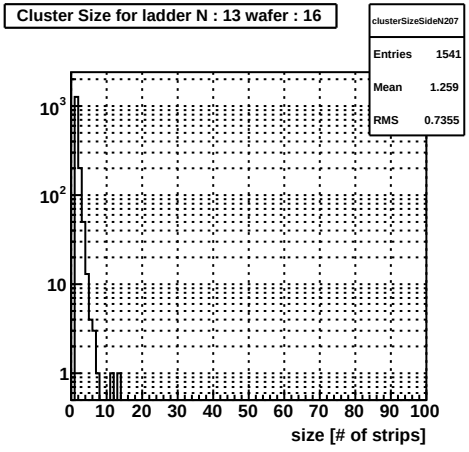

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 946
Mean 1.368
RMS 0.7299
size [# of strips]

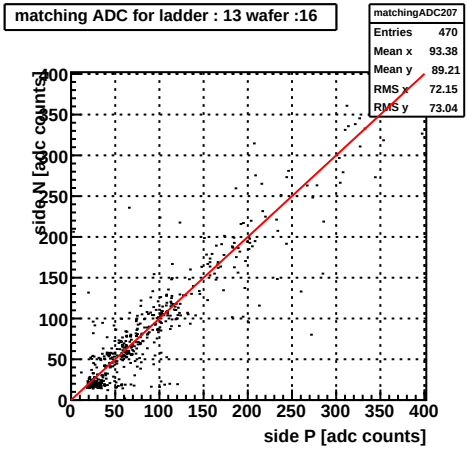

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 656
Mean x 80.09
Mean y 72.61
RMS x 65.29
RMS y 67.5
side N [adc counts]
side P [adc counts]

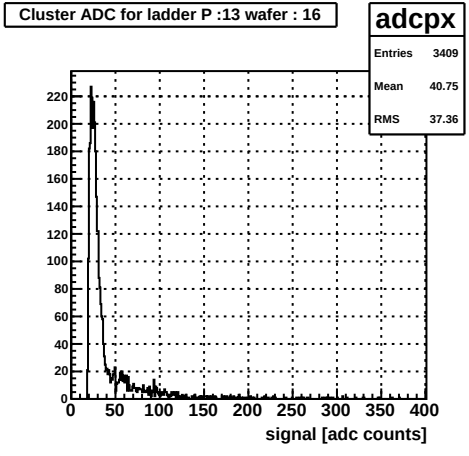

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1321
Mean 53.71
RMS 54.83
signal [adc counts]

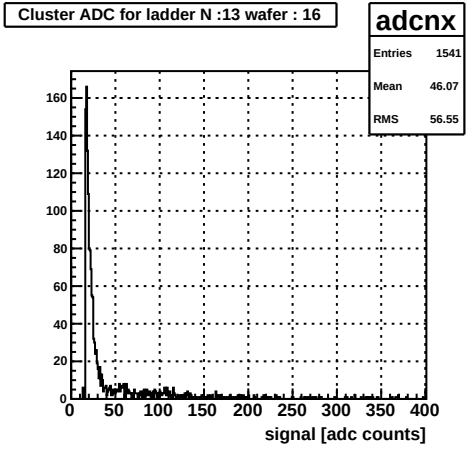

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 946
Mean 61.55
RMS 64.87
signal [adc counts]

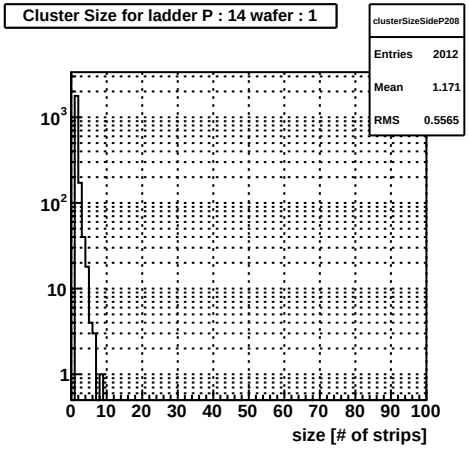

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3409
Mean 1.199
RMS 0.5193
size [# of strips]

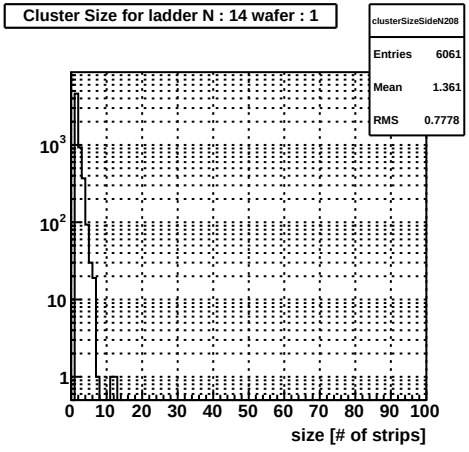

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1541
Mean 1.259
RMS 0.7355
size [# of strips]

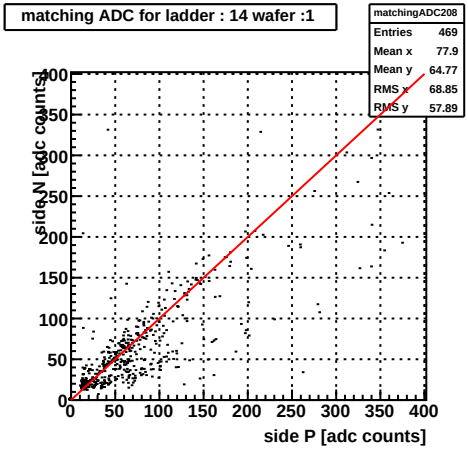

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 470
Mean x 93.38
Mean y 89.21
RMS x 72.15
RMS y 73.04
side N [adc counts]
side P [adc counts]

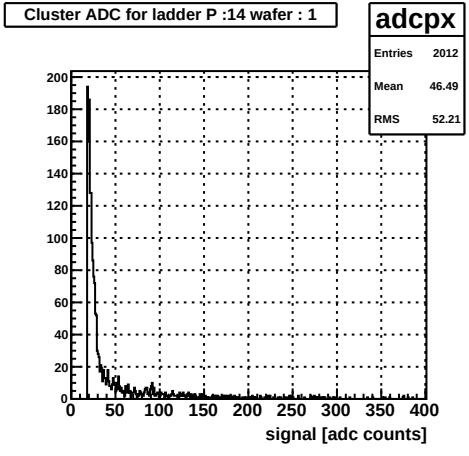

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3409
Mean 40.75
RMS 37.36
signal [adc counts]

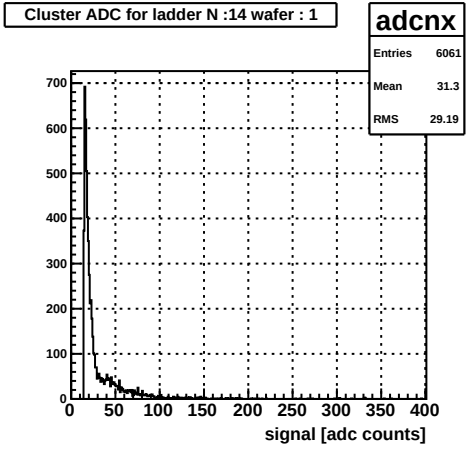

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1541
Mean 46.07
RMS 56.55
signal [adc counts]

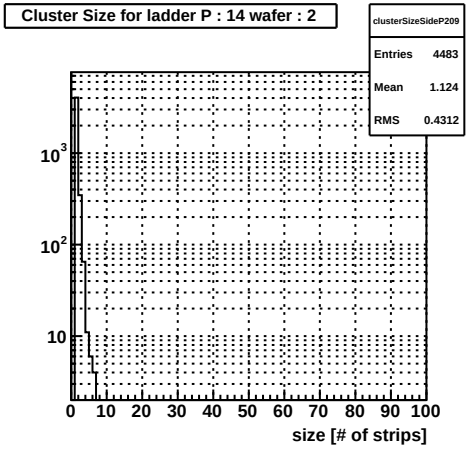

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2012
Mean 1.171
RMS 0.5565
size [# of strips]

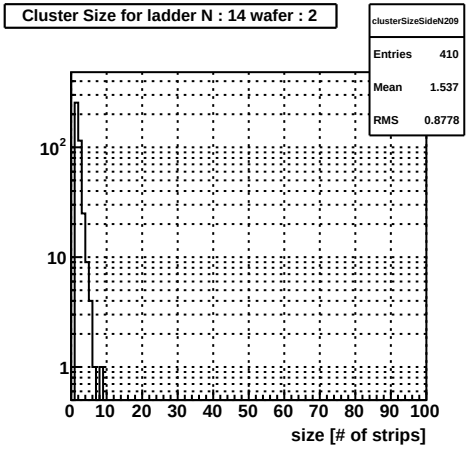

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6061
Mean 1.361
RMS 0.7778
size [# of strips]

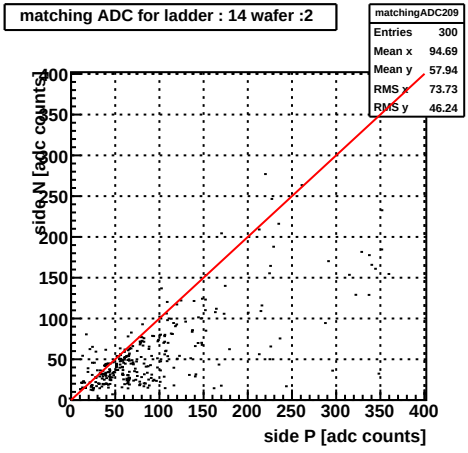

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 469
Mean x 77.9
Mean y 64.77
RMS x 68.85
RMS y 57.89
side N [adc counts]
side P [adc counts]

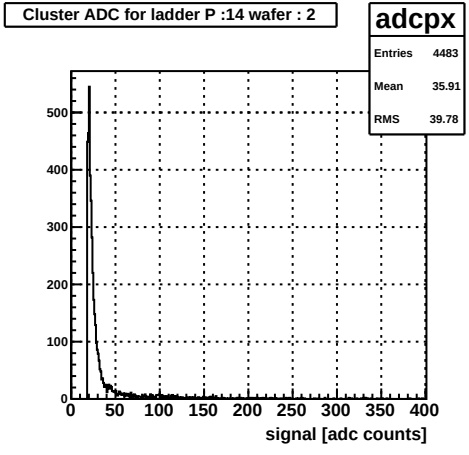

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2012
Mean 46.49
RMS 52.21
signal [adc counts]

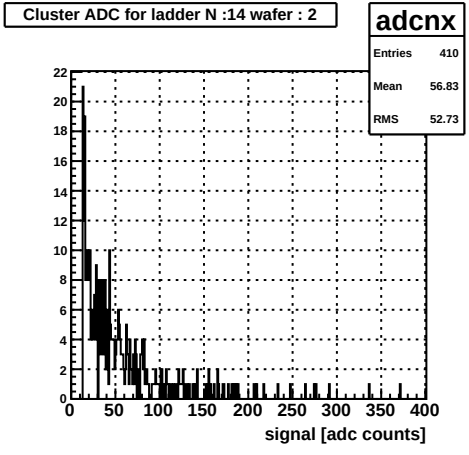

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6061
Mean 31.3
RMS 29.19
signal [adc counts]

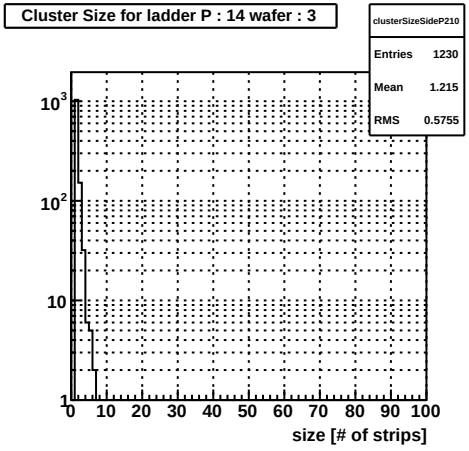

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4483
Mean 1.124
RMS 0.4312
size [# of strips]

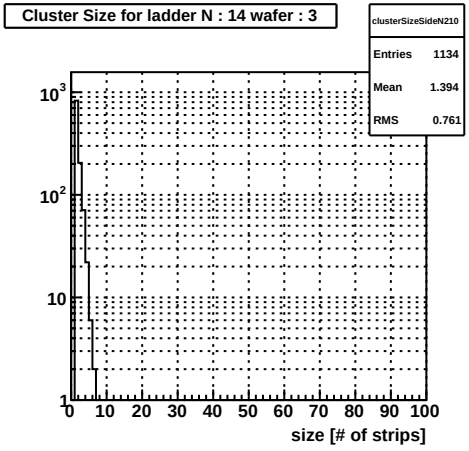

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 410
Mean 1.537
RMS 0.8778
size [# of strips]

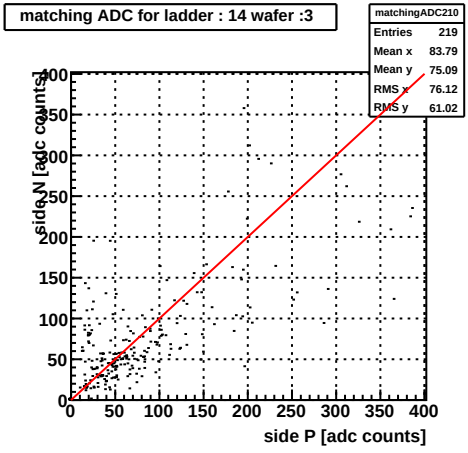

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 300
Mean x 94.69
Mean y 57.94
RMS x 73.73
RMS y 46.24
side N [adc counts]
side P [adc counts]

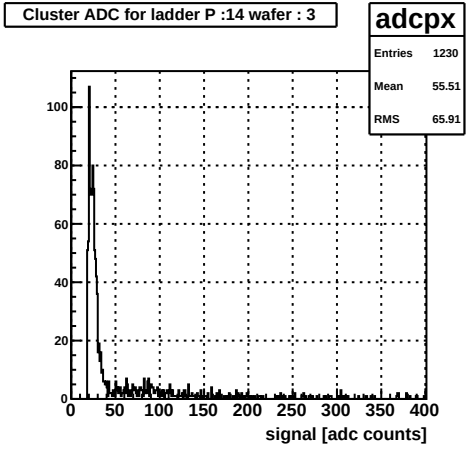

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4483
Mean 35.91
RMS 39.78
signal [adc counts]

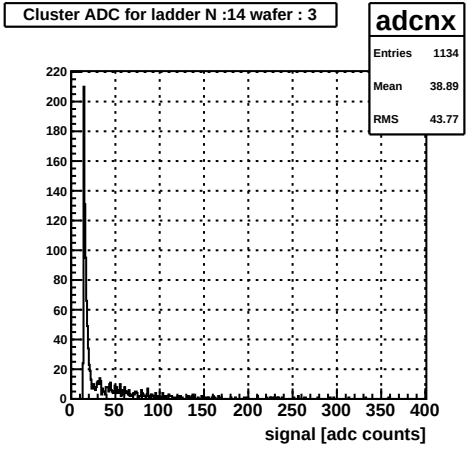

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 410
Mean 56.83
RMS 52.73
signal [adc counts]

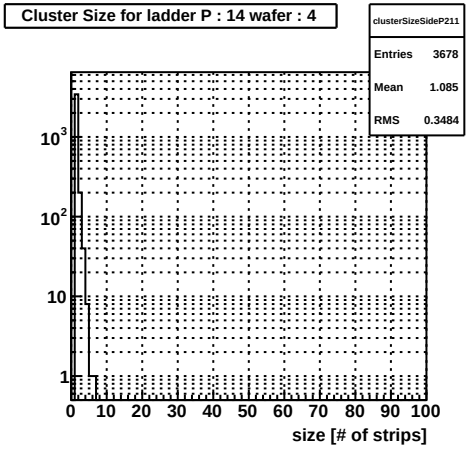

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1230
Mean 1.215
RMS 0.5755
size [# of strips]

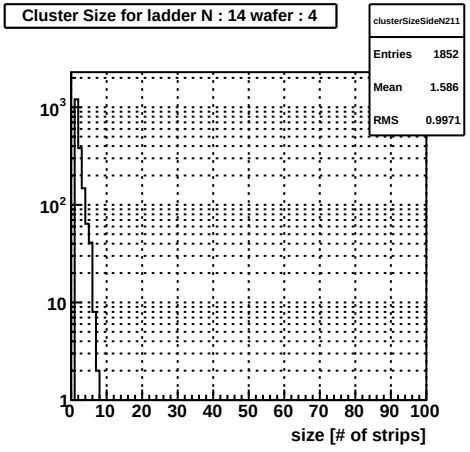

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1134
Mean 1.394
RMS 0.761
size [# of strips]

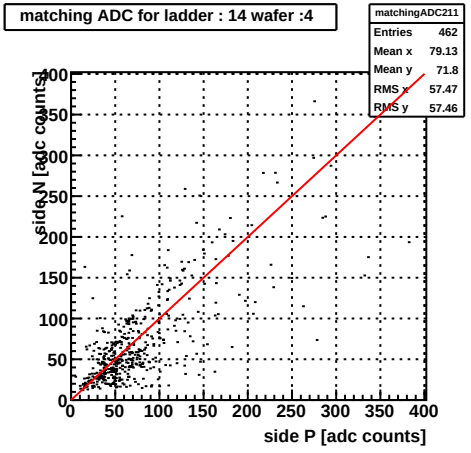

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 219
Mean x 83.79
Mean y 75.09
RMS x 76.12
RMS y 61.02
side N [adc counts]
side P [adc counts]

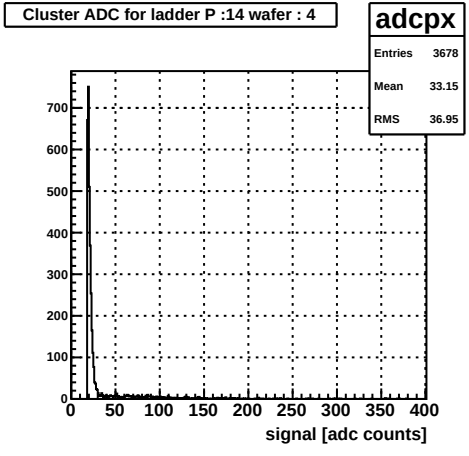

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1230
Mean 55.51
RMS 65.91
signal [adc counts]

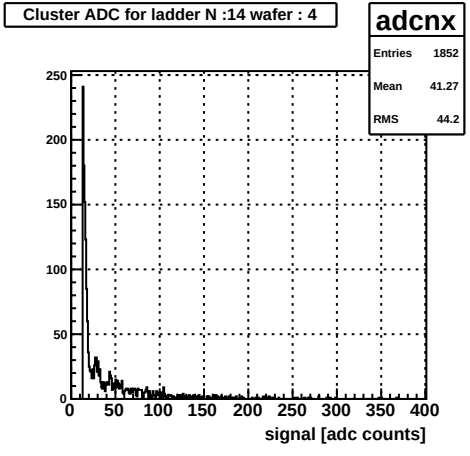

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1134
Mean 38.89
RMS 43.77
signal [adc counts]

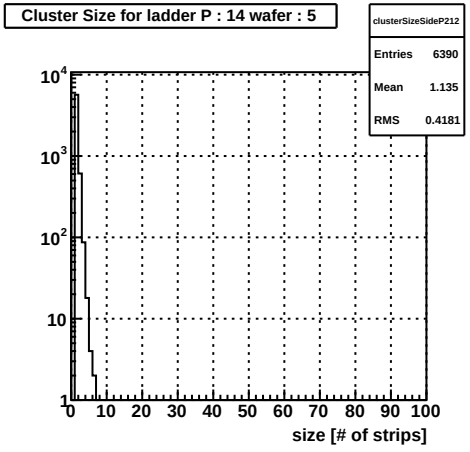

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3678
Mean 1.085
RMS 0.3484
size [# of strips]

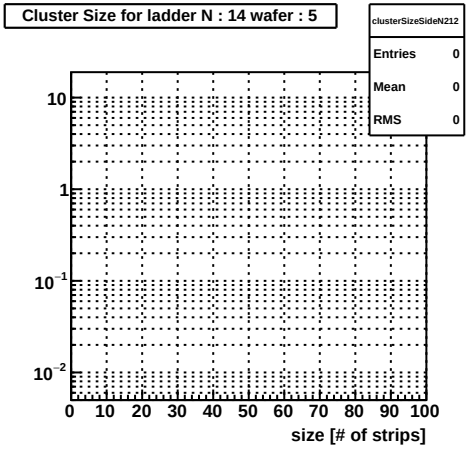

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1852
Mean 1.586
RMS 0.9971
size [# of strips]

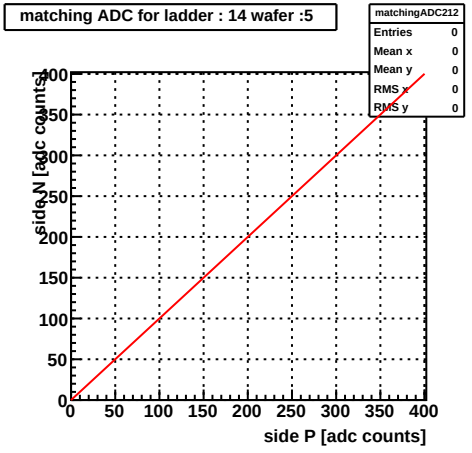

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 462
Mean x 79.13
Mean y 71.8
RMS x 57.47
RMS y 57.46
side N [adc counts]
side P [adc counts]

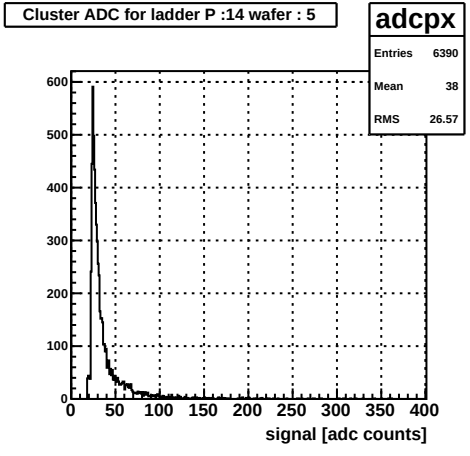

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3678
Mean 33.15
RMS 36.95
signal [adc counts]

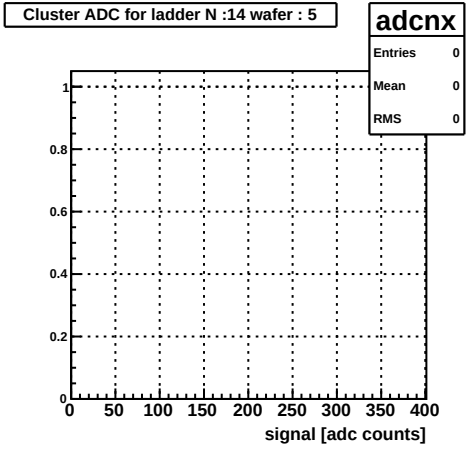

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1852
Mean 41.27
RMS 44.2
signal [adc counts]

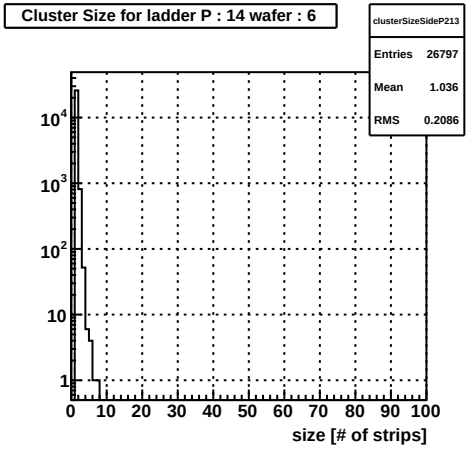

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6390
Mean 1.135
RMS 0.4181
size [# of strips]

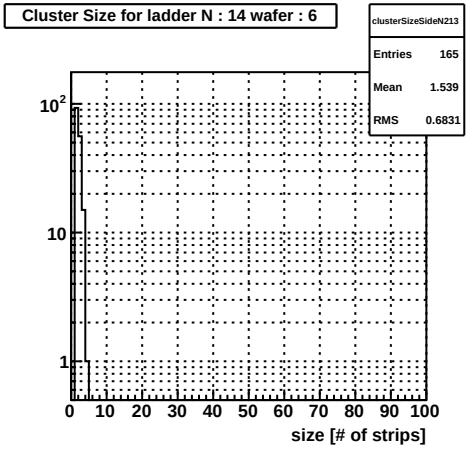

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

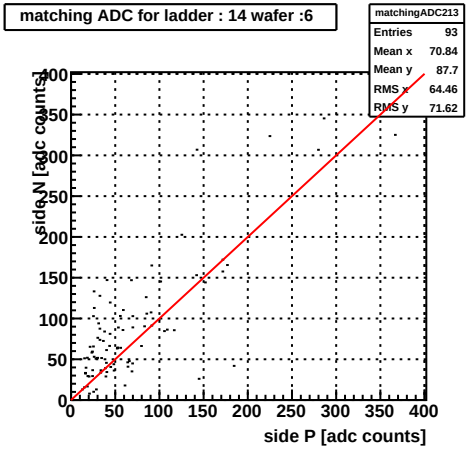

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

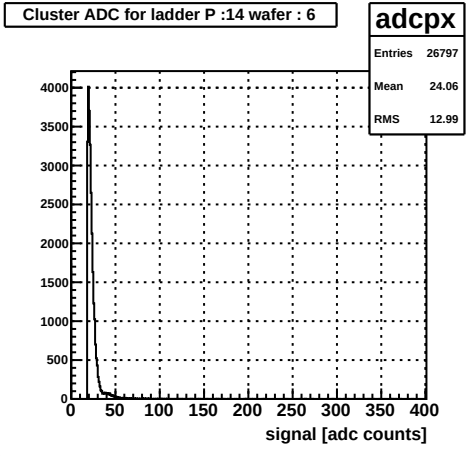

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6390
Mean 38
RMS 26.57
signal [adc counts]

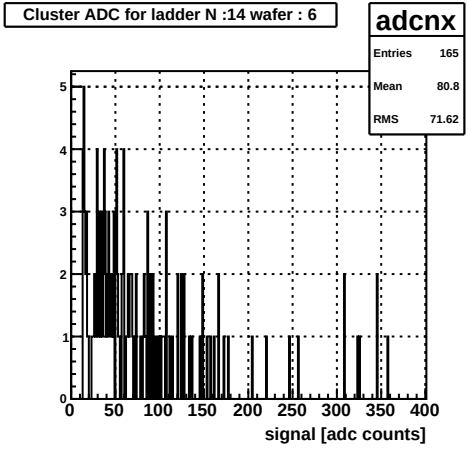

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

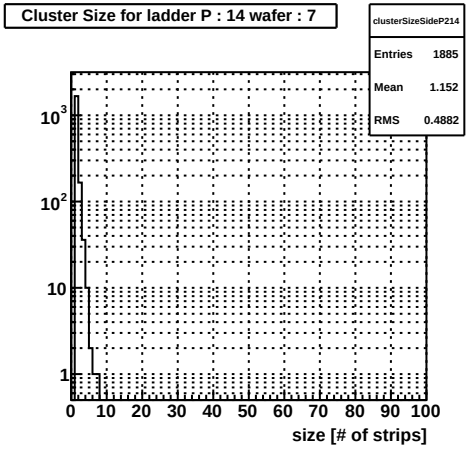

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 26797
Mean 1.036
RMS 0.2086
size [# of strips]

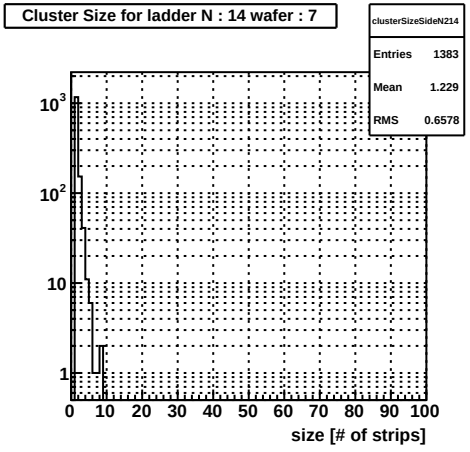

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 165
Mean 1.539
RMS 0.6831
size [# of strips]

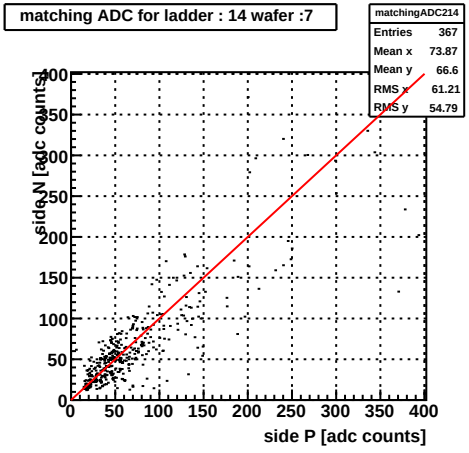

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 93
Mean x 70.84
Mean y 87.7
RMS x 64.46
RMS y 71.62
side N [adc counts]
side P [adc counts]

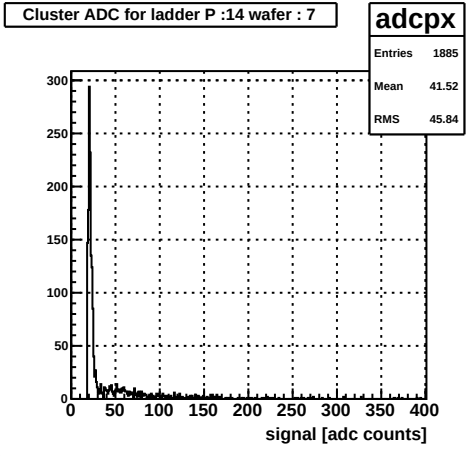

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 26797
Mean 24.06
RMS 12.99
signal [adc counts]

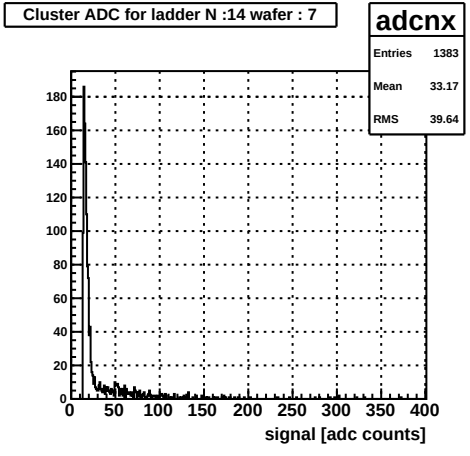

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 165
Mean 80.8
RMS 71.62
signal [adc counts]

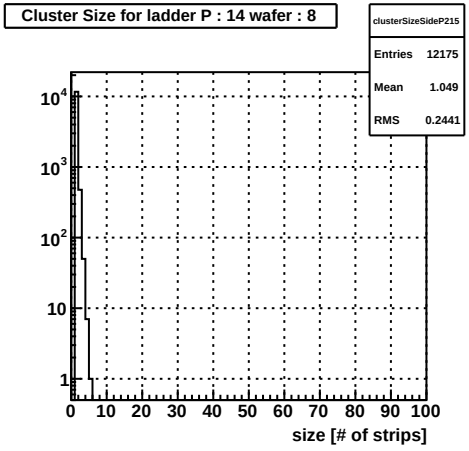

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1885
Mean 1.152
RMS 0.4882
size [# of strips]

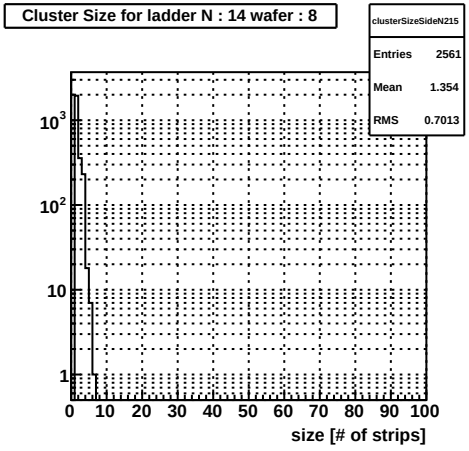

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1383
Mean 1.229
RMS 0.6578
size [# of strips]

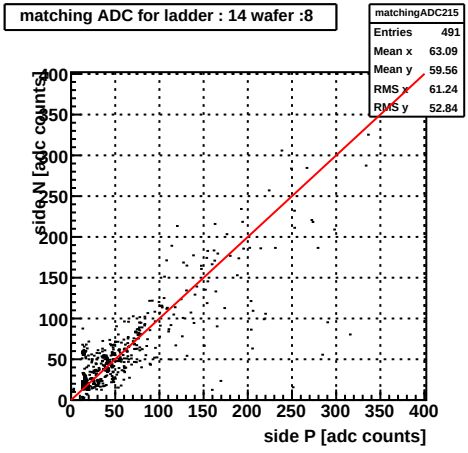

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 367
Mean x 73.87
Mean y 66.6
RMS x 61.21
RMS y 54.79
side N [adc counts]
side P [adc counts]

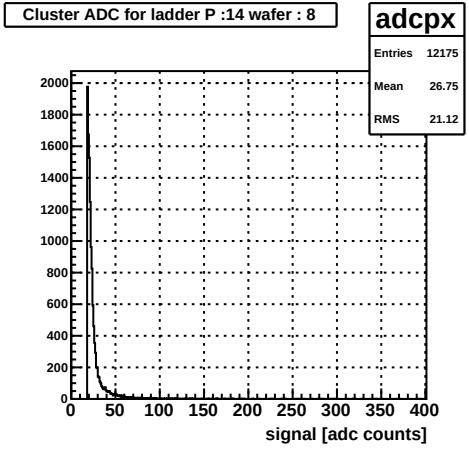

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1885
Mean 41.52
RMS 45.84
signal [adc counts]

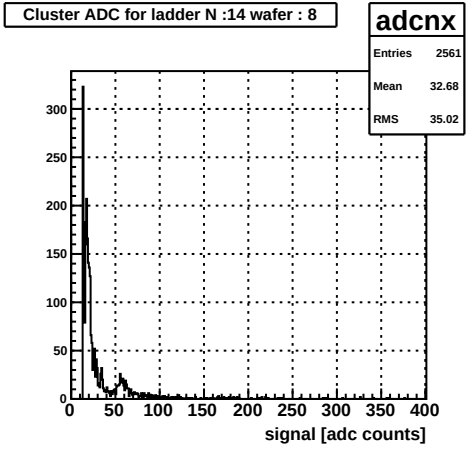

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1383
Mean 33.17
RMS 39.64
signal [adc counts]

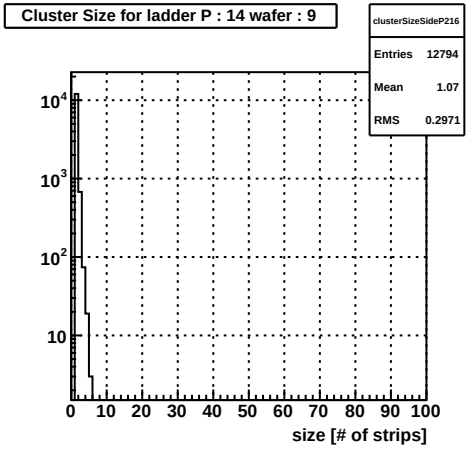

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 12175
Mean 1.049
RMS 0.2441
size [# of strips]

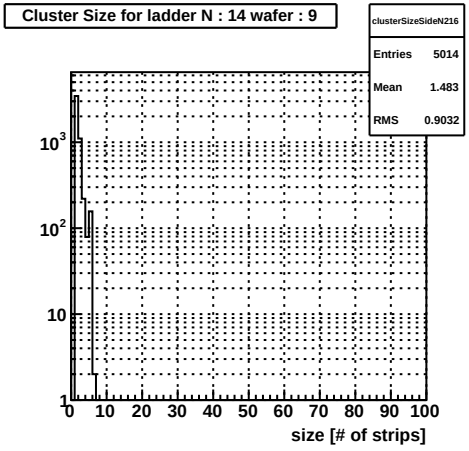

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2561
Mean 1.354
RMS 0.7013
size [# of strips]

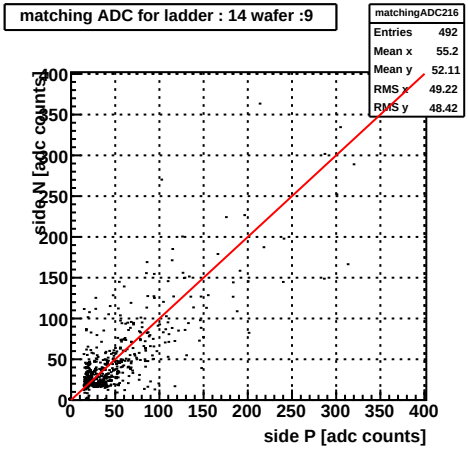

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 491
Mean x 63.09
Mean y 59.56
RMS x 61.24
RMS y 52.84
side N [adc counts]
side P [adc counts]

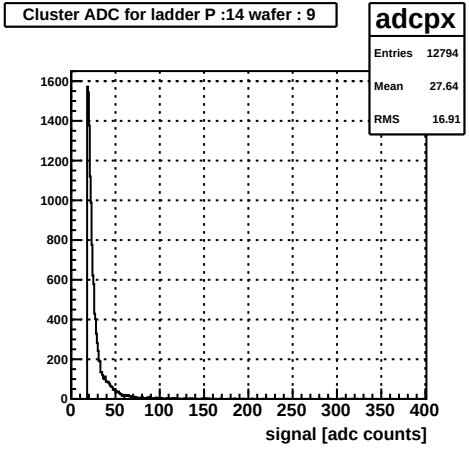

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 12175
Mean 26.75
RMS 21.12
signal [adc counts]

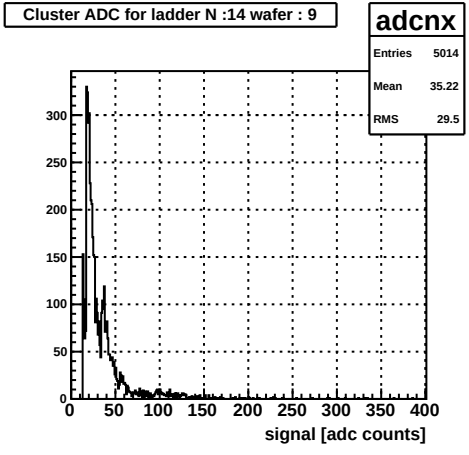

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2561
Mean 32.68
RMS 35.02
signal [adc counts]

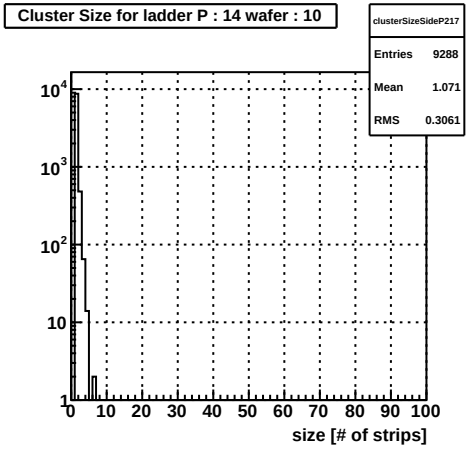

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12794
Mean 1.07
RMS 0.2971
size [# of strips]

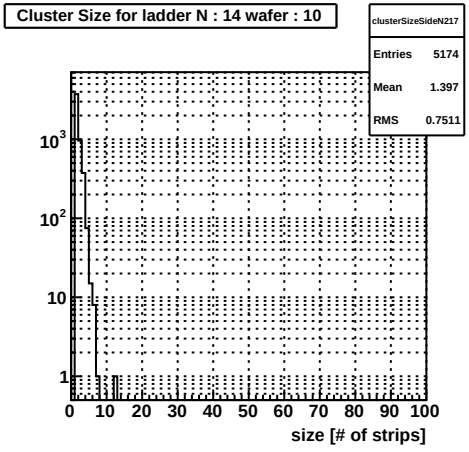

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5014
Mean 1.483
RMS 0.9032
size [# of strips]

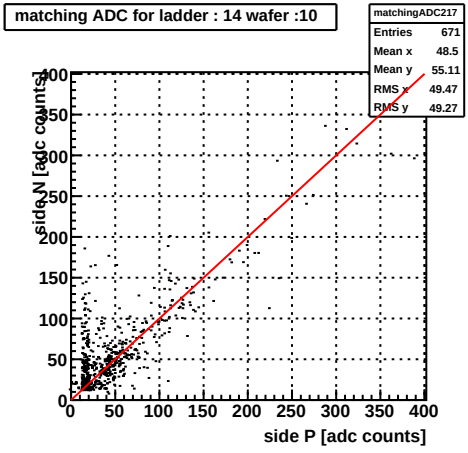

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 492
Mean x 55.2
Mean y 52.11
RMS x 49.22
RMS y 48.42
side N [adc counts]
side P [adc counts]

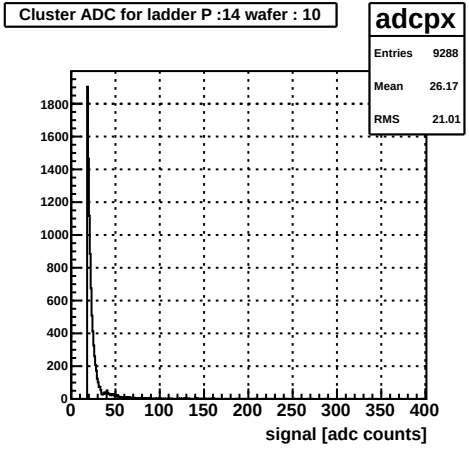

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12794
Mean 27.64
RMS 16.91
signal [adc counts]

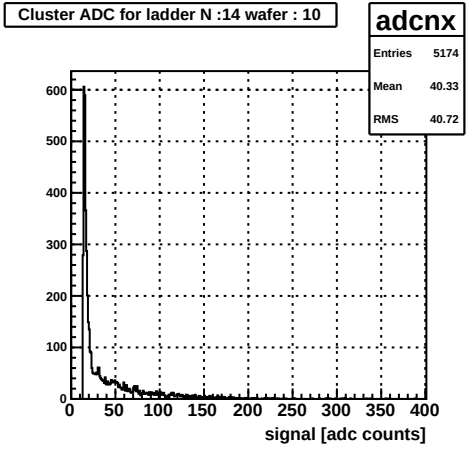

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5014
Mean 35.22
RMS 29.5
signal [adc counts]

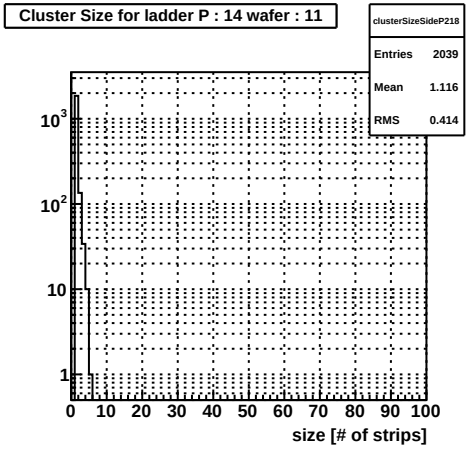

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9288
Mean 1.071
RMS 0.3061
size [# of strips]

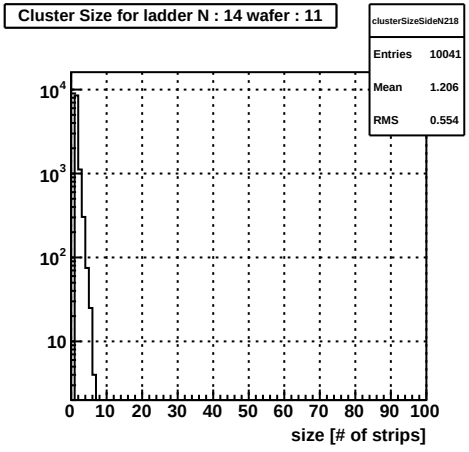

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5174
Mean 1.397
RMS 0.7511
size [# of strips]

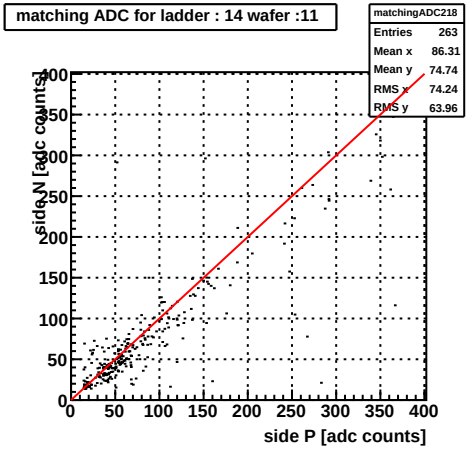

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 671
Mean x 48.5
Mean y 55.11
RMS x 49.47
RMS y 49.27
side N [adc counts]
side P [adc counts]

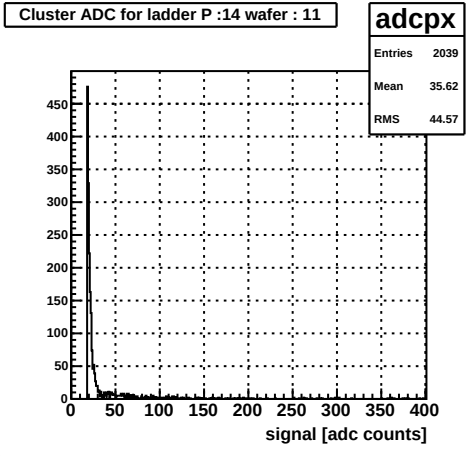

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9288
Mean 26.17
RMS 21.01
signal [adc counts]

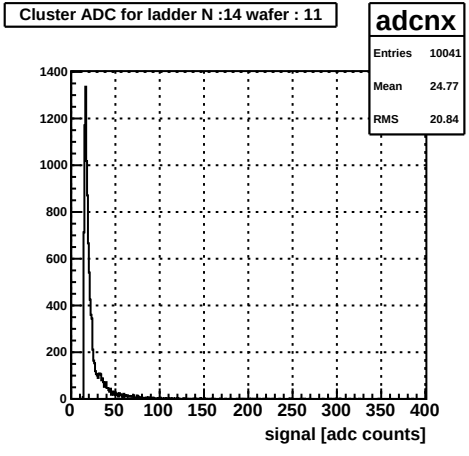

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5174
Mean 40.33
RMS 40.72
signal [adc counts]

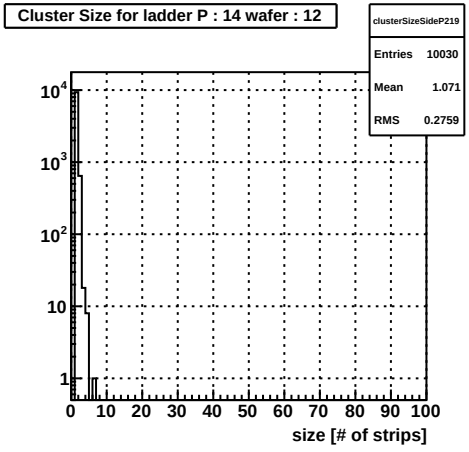

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2039
Mean 1.116
RMS 0.414
size [# of strips]

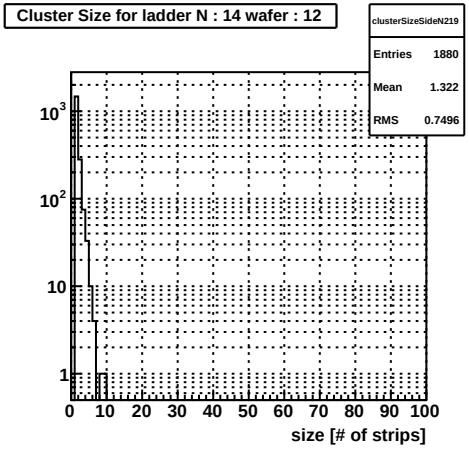

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10041
Mean 1.206
RMS 0.554
size [# of strips]

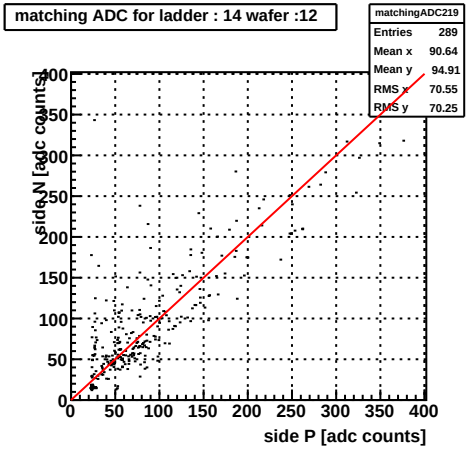

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 263
Mean x 86.31
Mean y 74.74
RMS x 74.24
RMS y 63.96
side N [adc counts]
side P [adc counts]

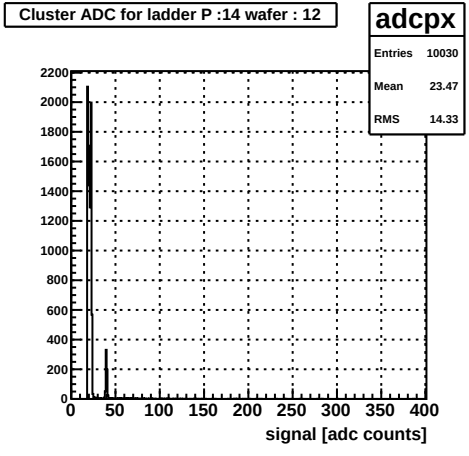

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2039
Mean 35.62
RMS 44.57
signal [adc counts]

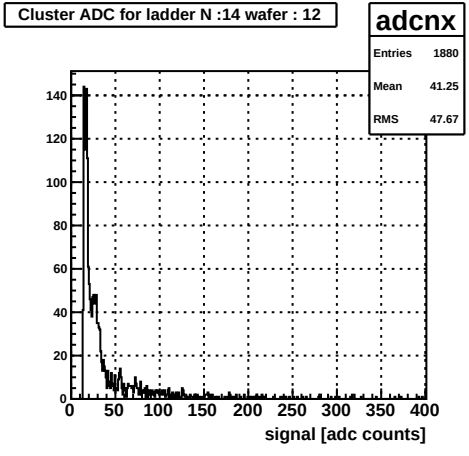

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10041
Mean 24.77
RMS 20.84
signal [adc counts]

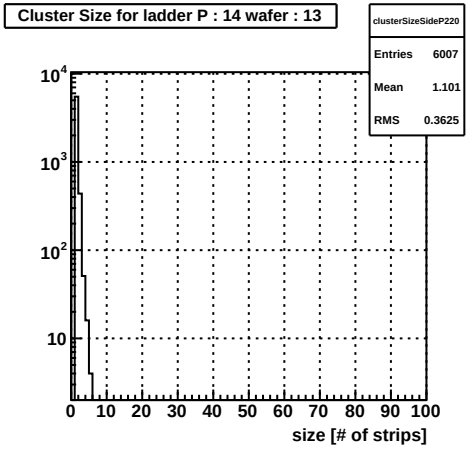

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 10030
Mean 1.071
RMS 0.2759
size [# of strips]

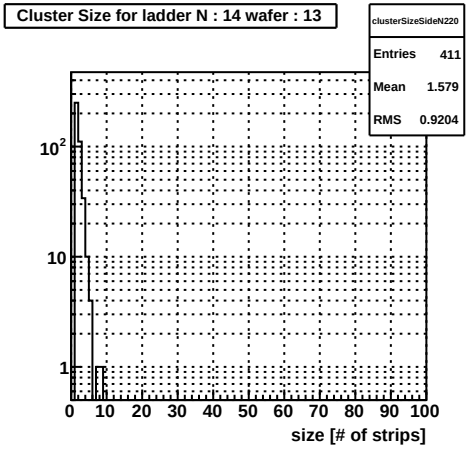

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1880
Mean 1.322
RMS 0.7496
size [# of strips]

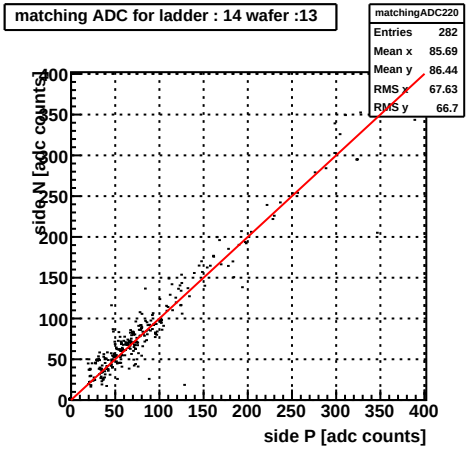

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 289
Mean x 90.64
Mean y 94.91
RMS x 70.55
RMS y 70.25
side N [adc counts]
side P [adc counts]

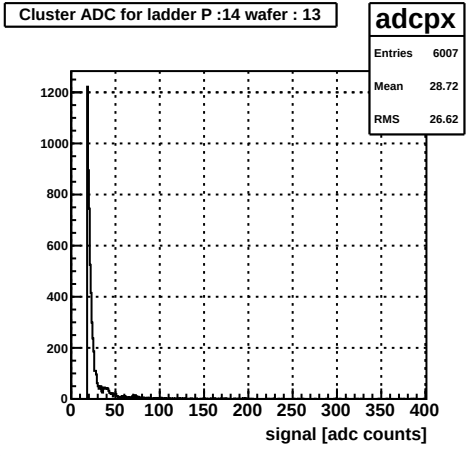

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 10030
Mean 23.47
RMS 14.33
signal [adc counts]

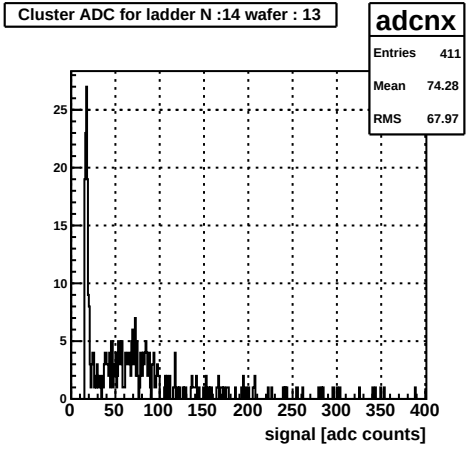

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1880
Mean 41.25
RMS 47.67
signal [adc counts]

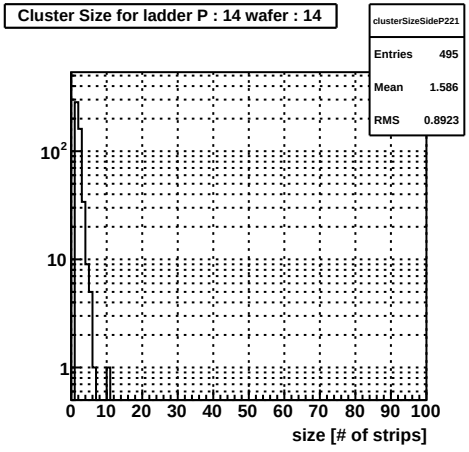

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6007
Mean 1.101
RMS 0.3625
size [# of strips]

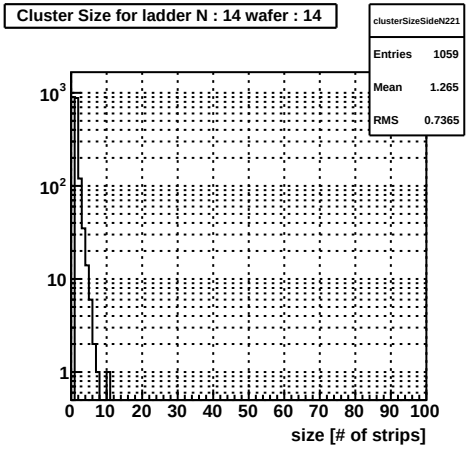

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 411
Mean 1.579
RMS 0.9204
size [# of strips]

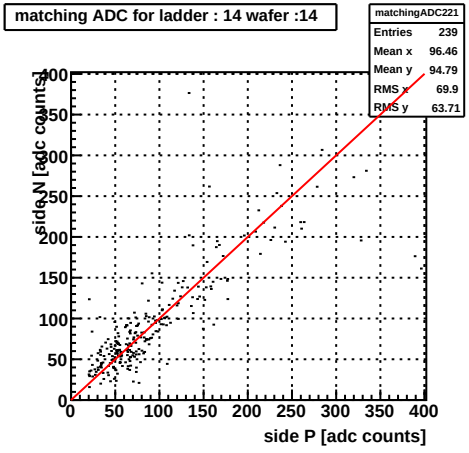

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 282
Mean x 85.69
Mean y 86.44
RMS x 67.63
RMS y 66.7
side N [adc counts]
side P [adc counts]

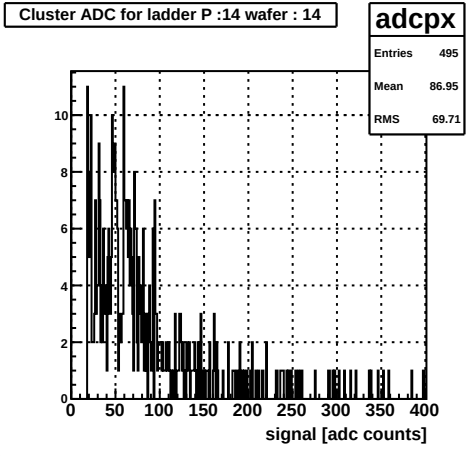

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6007
Mean 28.72
RMS 26.62
signal [adc counts]

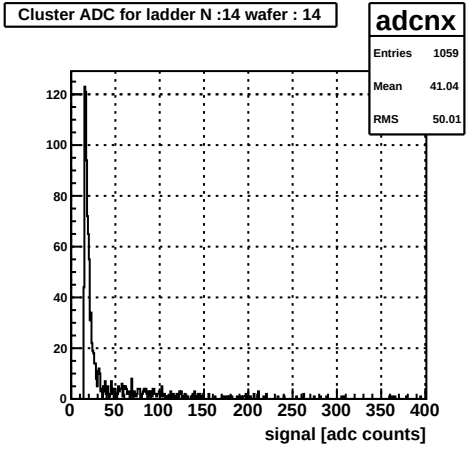

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 411
Mean 74.28
RMS 67.97
signal [adc counts]

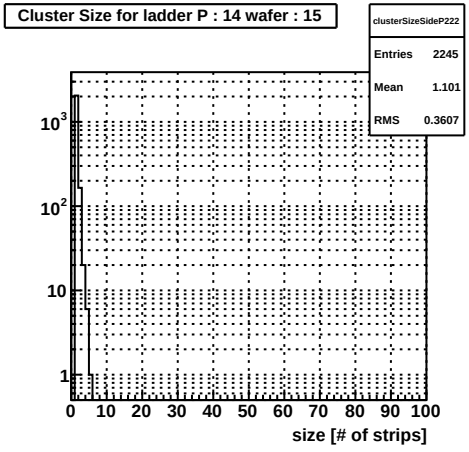

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 495
Mean 1.586
RMS 0.8923
size [# of strips]

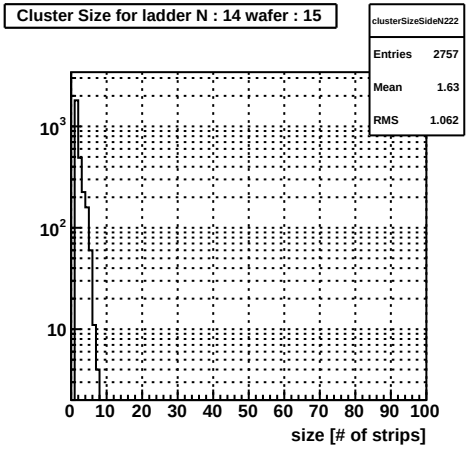

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1059
Mean 1.265
RMS 0.7365
size [# of strips]

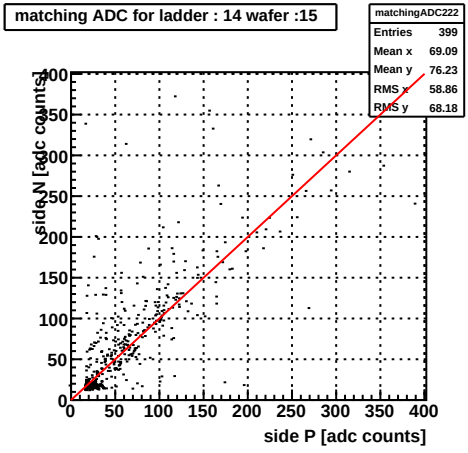

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 239
Mean x 96.46
Mean y 94.79
RMS x 69.9
RMS y 63.71
side N [adc counts]
side P [adc counts]

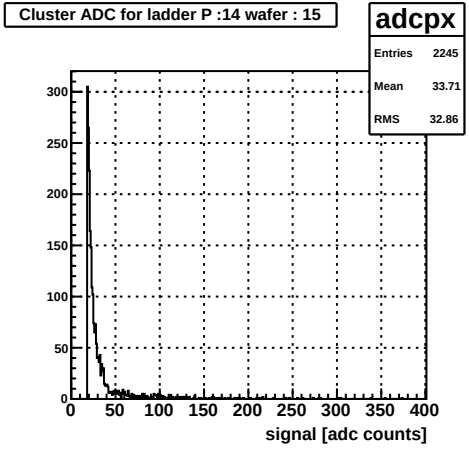

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 495
Mean 86.95
RMS 69.71
signal [adc counts]

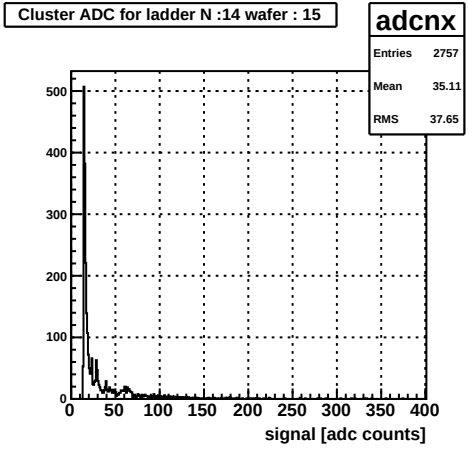

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1059
Mean 41.04
RMS 50.01
signal [adc counts]

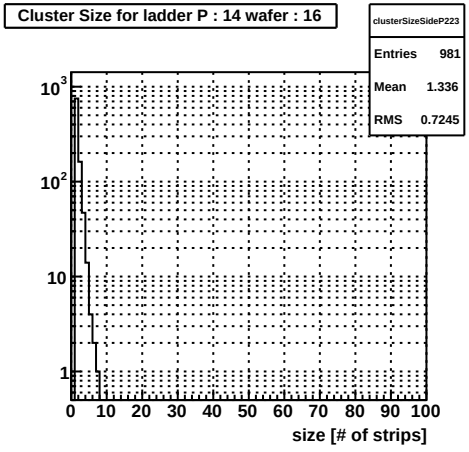

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2245
Mean 1.101
RMS 0.3607
size [# of strips]

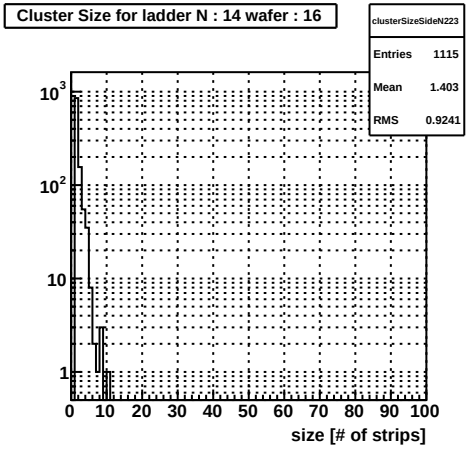

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2757
Mean 1.63
RMS 1.062
size [# of strips]

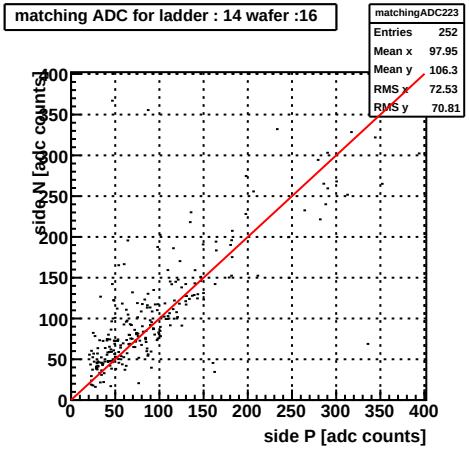

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 399
Mean x 69.09
Mean y 76.23
RMS x 58.86
RMS y 68.18
side N [adc counts]
side P [adc counts]

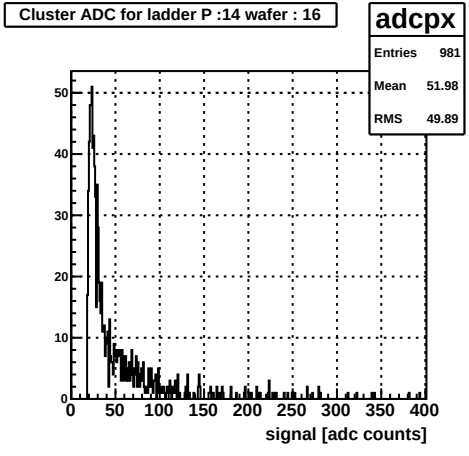

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2245
Mean 33.71
RMS 32.86
signal [adc counts]

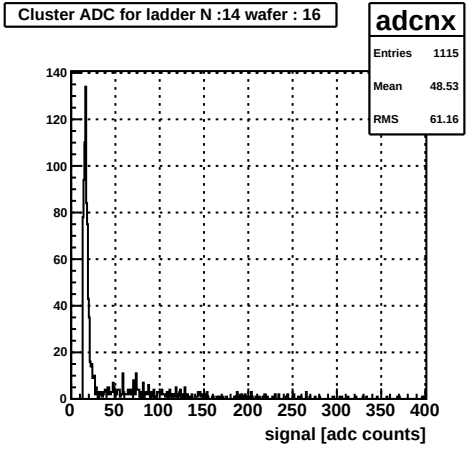

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2757
Mean 35.11
RMS 37.65
signal [adc counts]

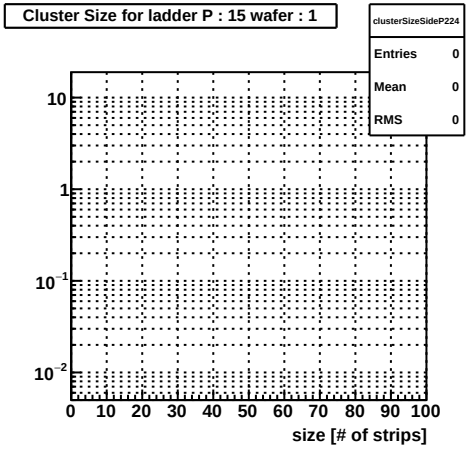

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 981
Mean 1.336
RMS 0.7245
size [# of strips]

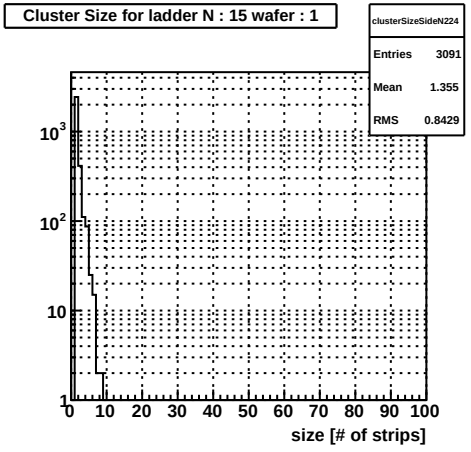

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1115
Mean 1.403
RMS 0.9241
size [# of strips]

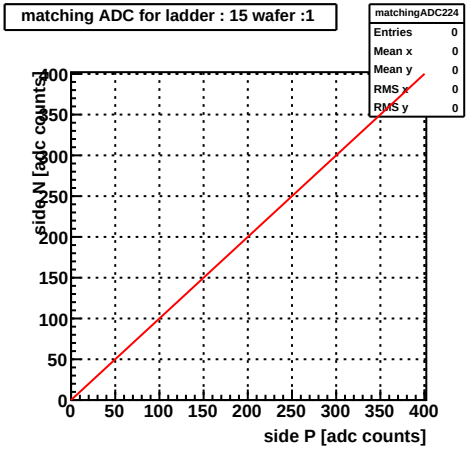

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 252
Mean x 97.95
Mean y 106.3
RMS x 72.53
RMS y 70.81
side N [adc counts]
side P [adc counts]

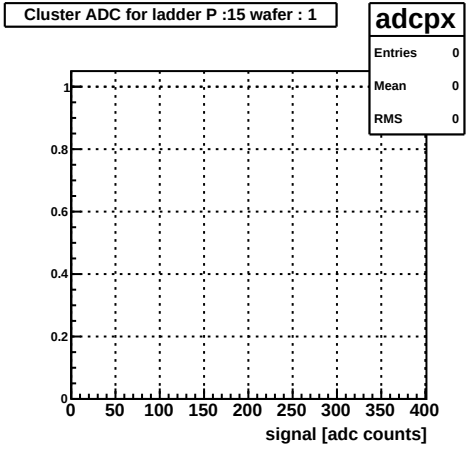

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 981
Mean 51.98
RMS 49.89
signal [adc counts]

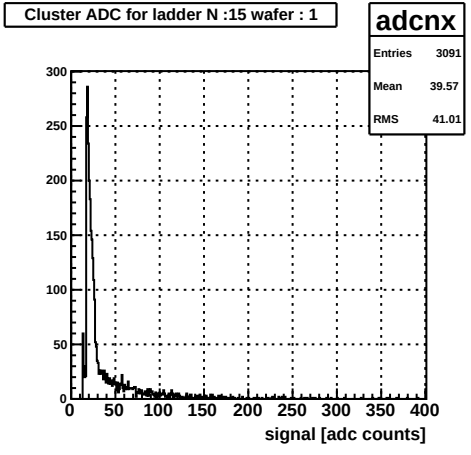

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1115
Mean 48.53
RMS 61.16
signal [adc counts]

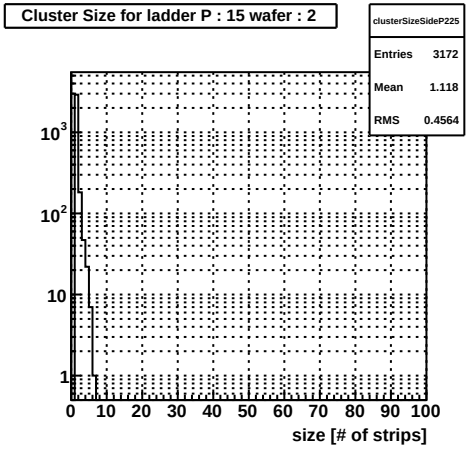

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

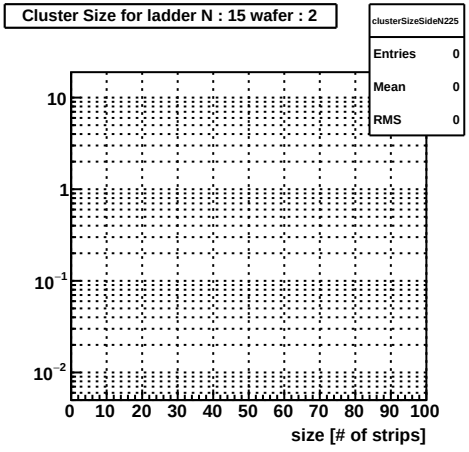

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3091
Mean 1.355
RMS 0.8429
size [# of strips]

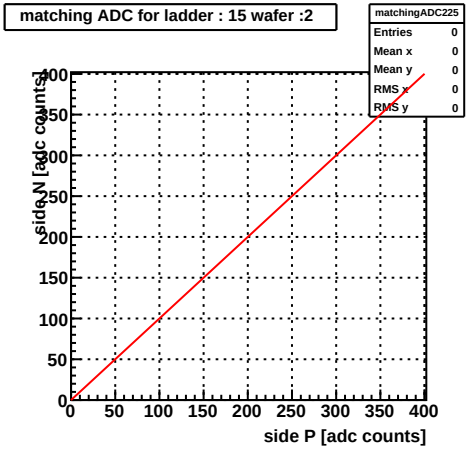

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

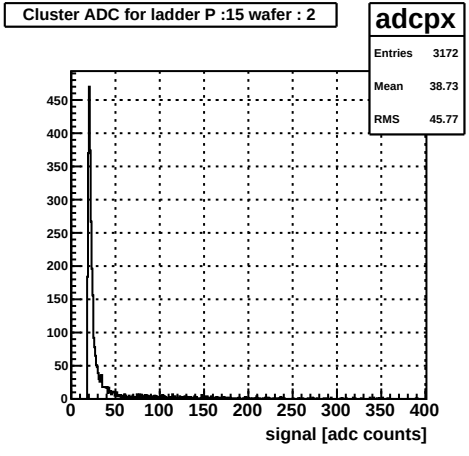

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

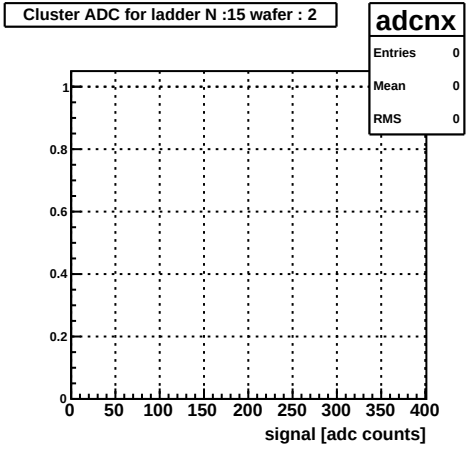

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3091
Mean 39.57
RMS 41.01
signal [adc counts]

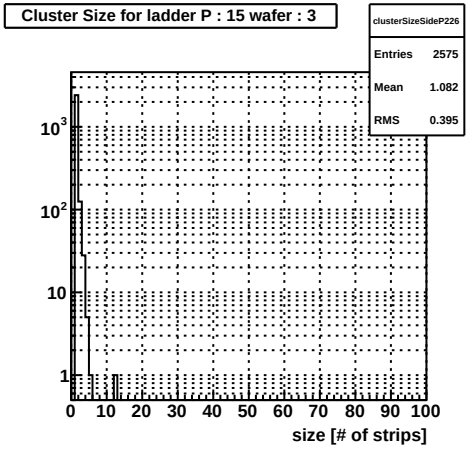

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3172
Mean 1.118
RMS 0.4564
size [# of strips]

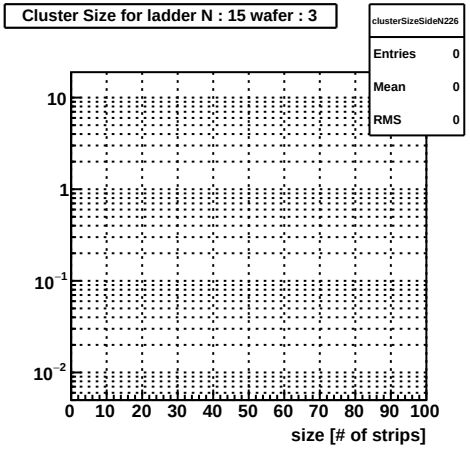

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

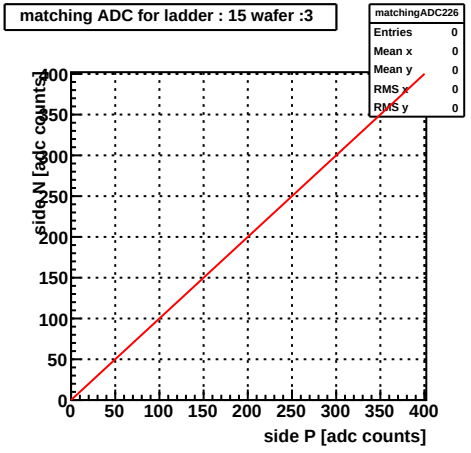

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

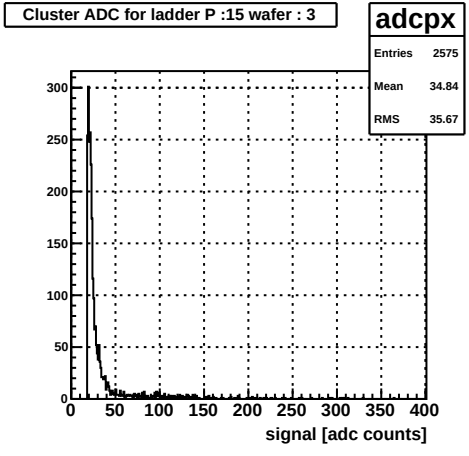

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3172
Mean 38.73
RMS 45.77
signal [adc counts]

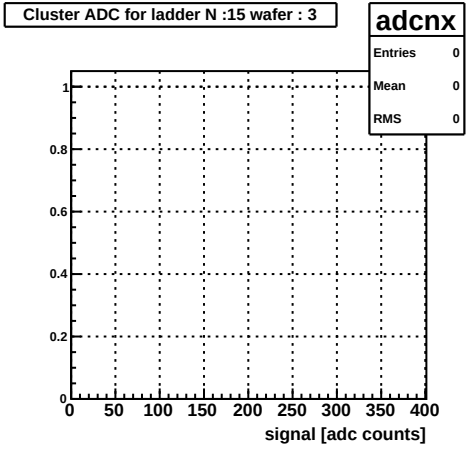

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

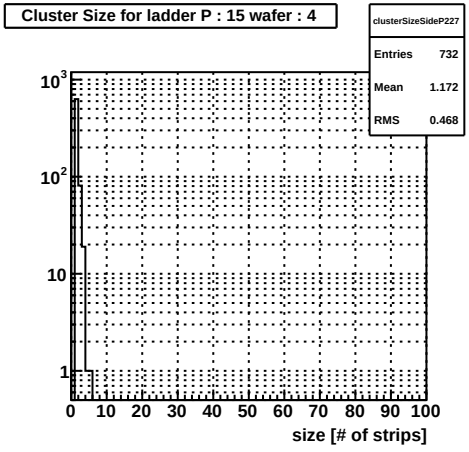

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2575
Mean 1.082
RMS 0.395
size [# of strips]

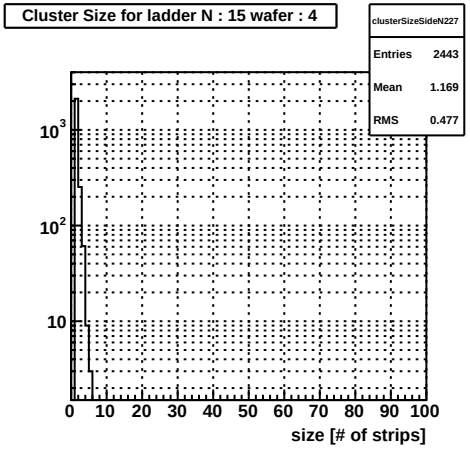

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

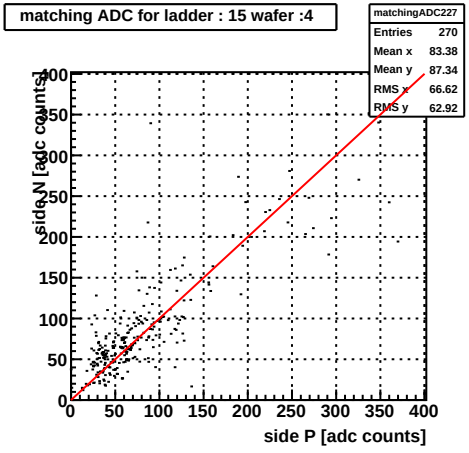

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

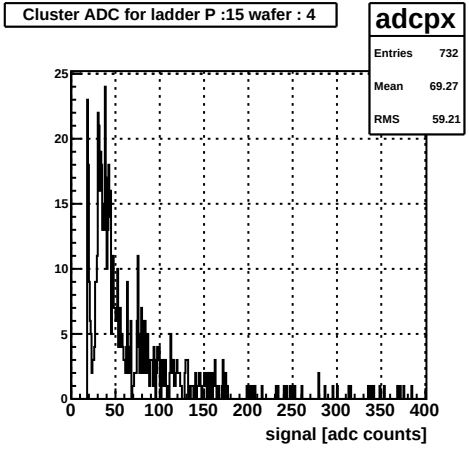

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2575
Mean 34.84
RMS 35.67
signal [adc counts]

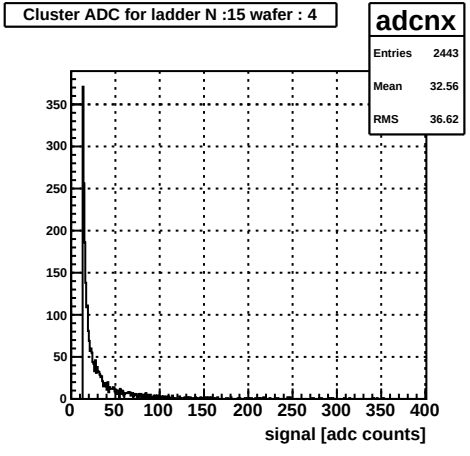

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

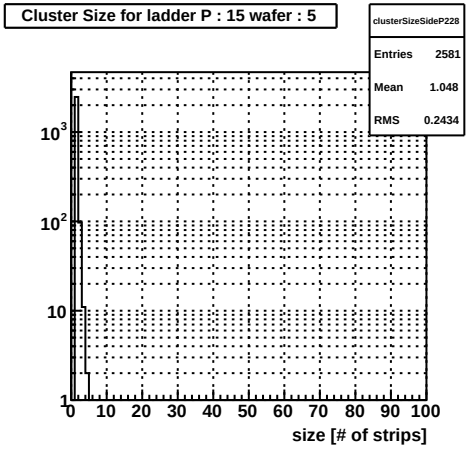

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 732
Mean 1.172
RMS 0.468
size [# of strips]

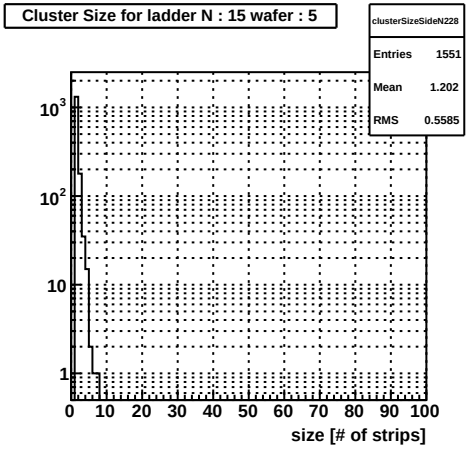

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2443
Mean 1.169
RMS 0.477
size [# of strips]

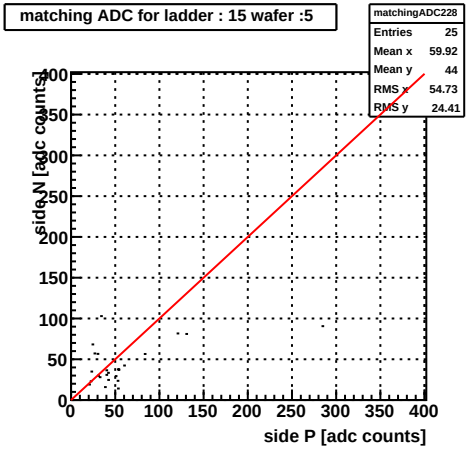

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 270
Mean x 83.38
Mean y 87.34
RMS x 66.62
RMS y 62.92
side N [adc counts]
side P [adc counts]

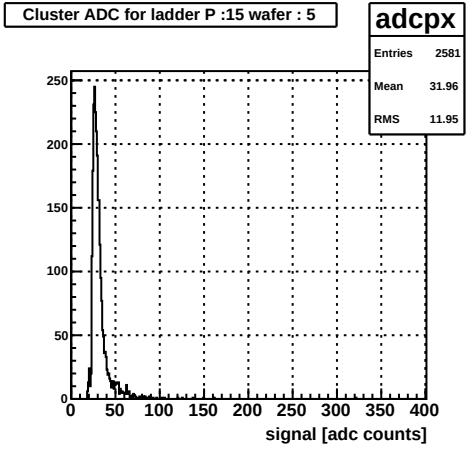

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 732
Mean 69.27
RMS 59.21
signal [adc counts]

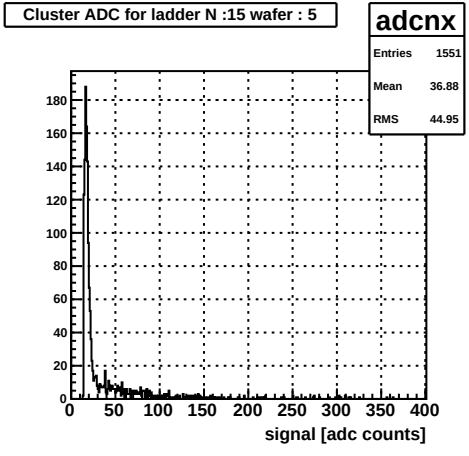

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2443
Mean 32.56
RMS 36.62
signal [adc counts]

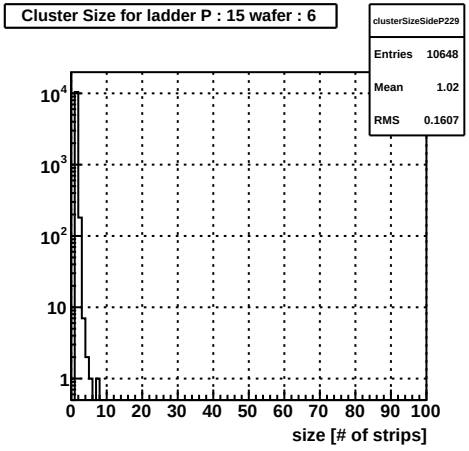

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2581
Mean 1.048
RMS 0.2434
size [# of strips]

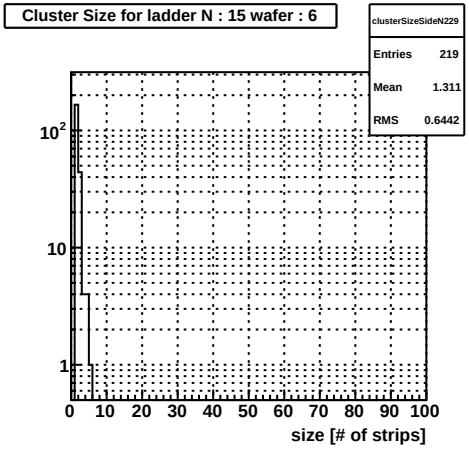

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1551
Mean 1.202
RMS 0.5585
size [# of strips]

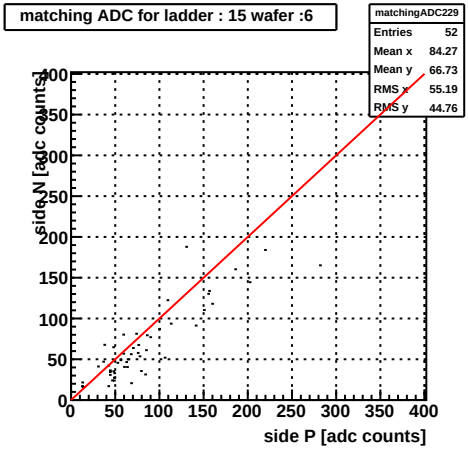

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 25
Mean x 59.92
Mean y 44
RMS x 54.73
RMS y 24.41
side N [adc counts]
side P [adc counts]

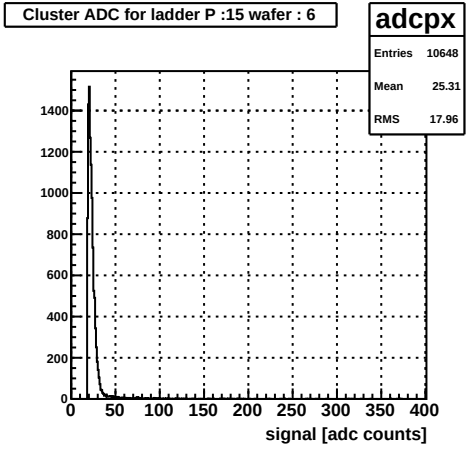

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2581
Mean 31.96
RMS 11.95
signal [adc counts]

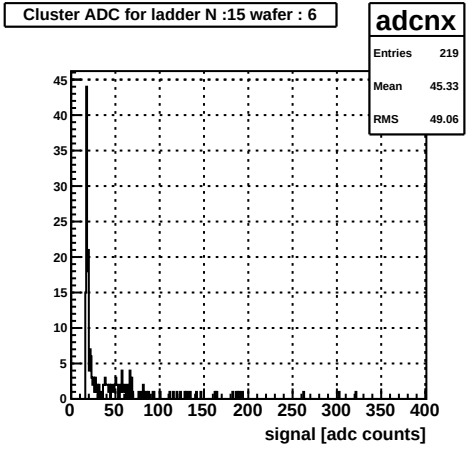

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1551
Mean 36.88
RMS 44.95
signal [adc counts]

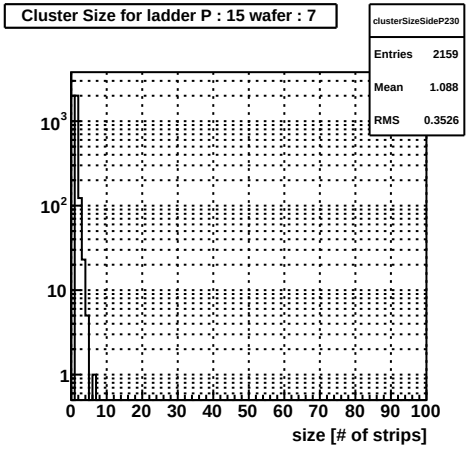

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10648
Mean 1.02
RMS 0.1607
size [# of strips]

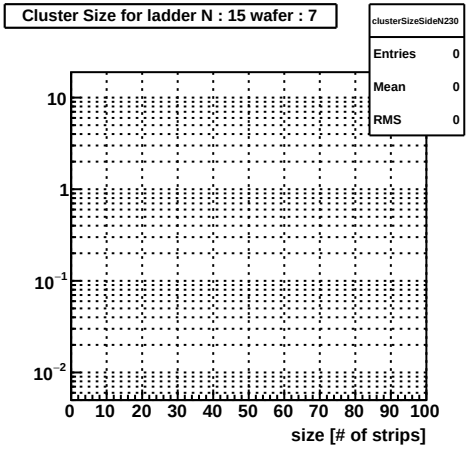

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 219
Mean 1.311
RMS 0.6442
size [# of strips]

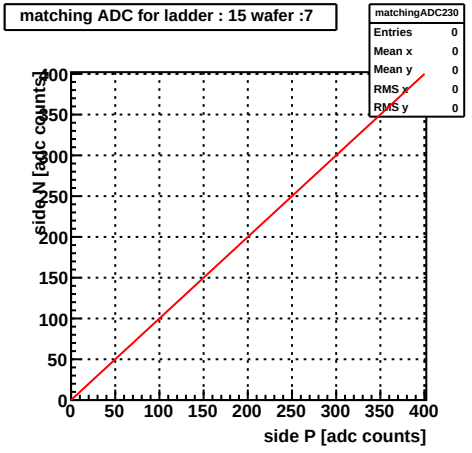

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 52
Mean x 84.27
Mean y 66.73
RMS x 55.19
RMS y 44.76
side N [adc counts]
side P [adc counts]

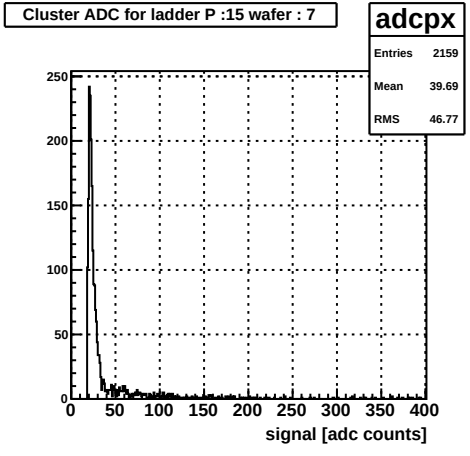

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10648
Mean 25.31
RMS 17.96
signal [adc counts]

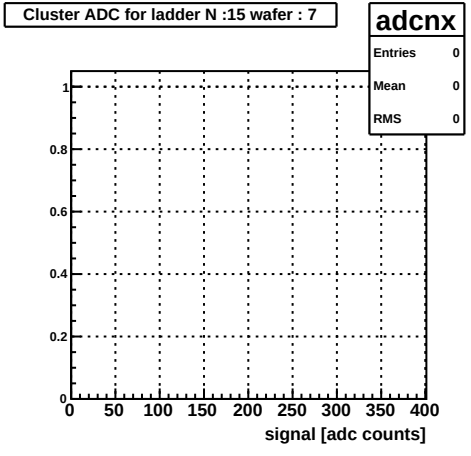

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 219
Mean 45.33
RMS 49.06
signal [adc counts]

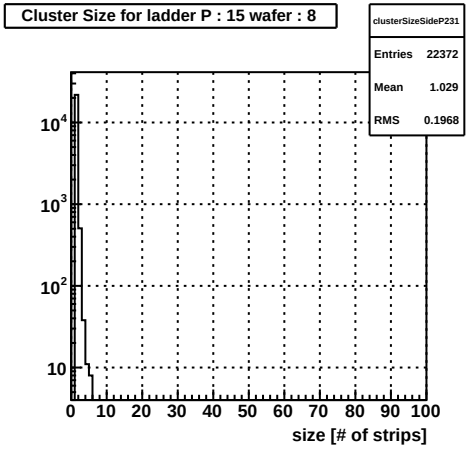

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2159
Mean 1.088
RMS 0.3526
size [# of strips]

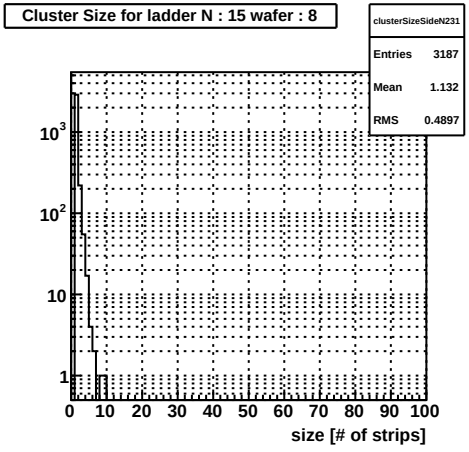

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

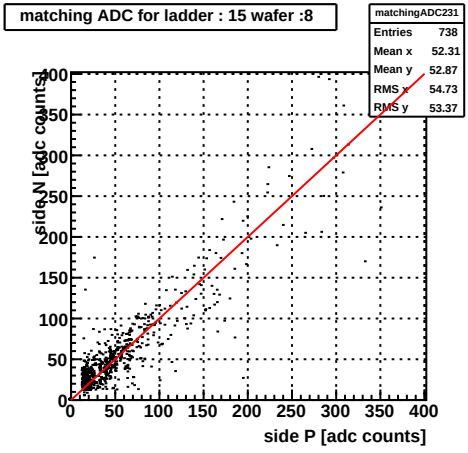

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

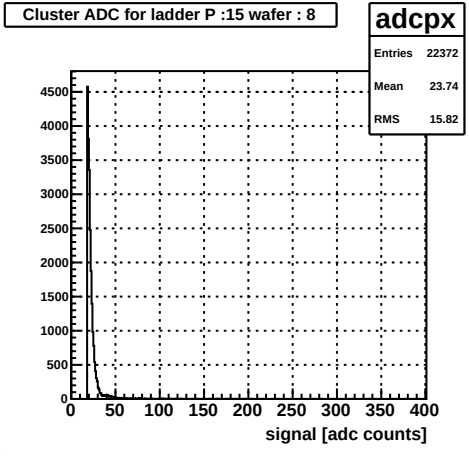

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2159
Mean 39.69
RMS 46.77
signal [adc counts]

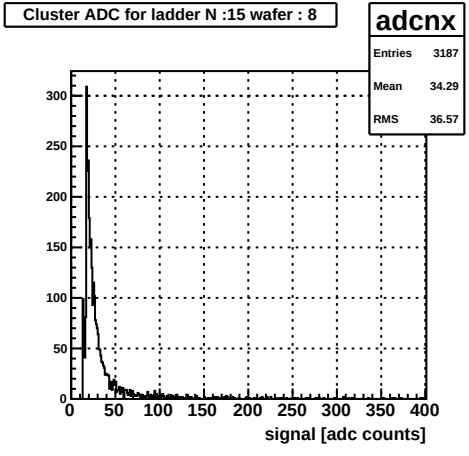

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

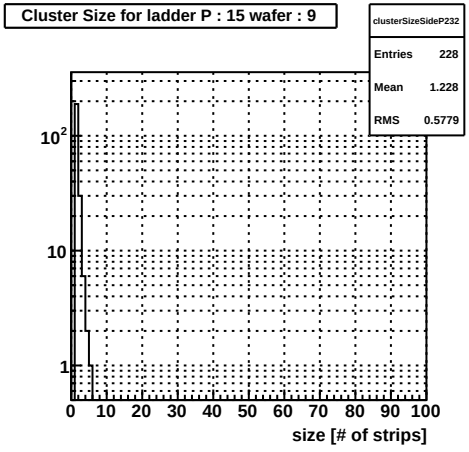

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22372
Mean 1.029
RMS 0.1968
size [# of strips]

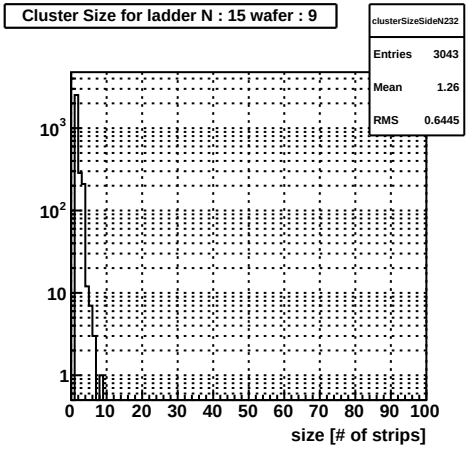

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3187
Mean 1.132
RMS 0.4897
size [# of strips]

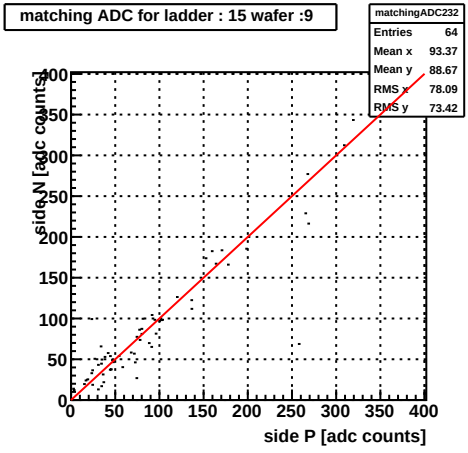

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 738
Mean x 52.31
Mean y 52.87
RMS x 54.73
RMS y 53.37
side N [adc counts]
side P [adc counts]

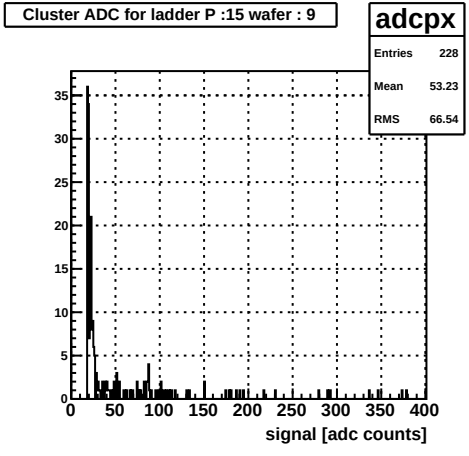

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22372
Mean 23.74
RMS 15.82
signal [adc counts]

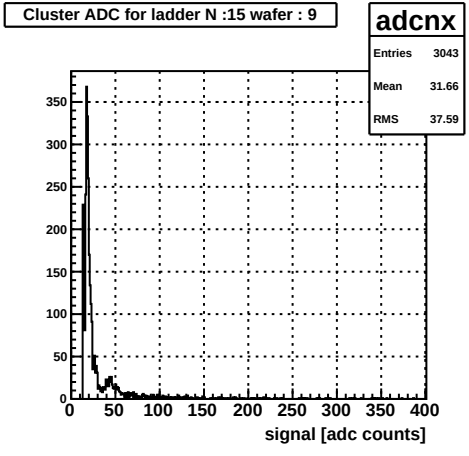

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3187
Mean 34.29
RMS 36.57
signal [adc counts]

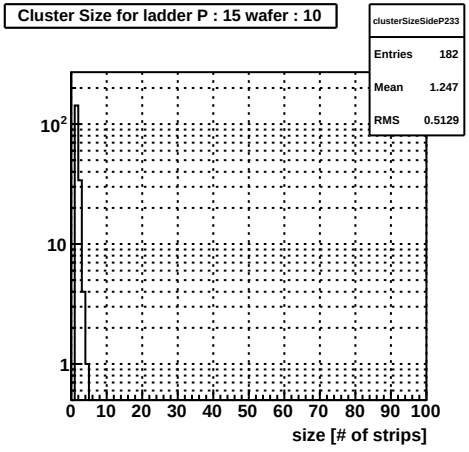

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 228
Mean 1.228
RMS 0.5779
size [# of strips]

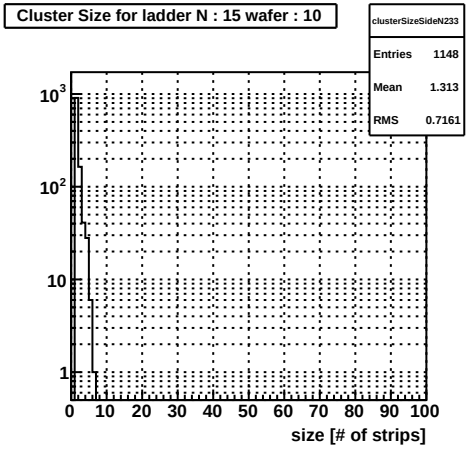

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3043
Mean 1.26
RMS 0.6445
size [# of strips]

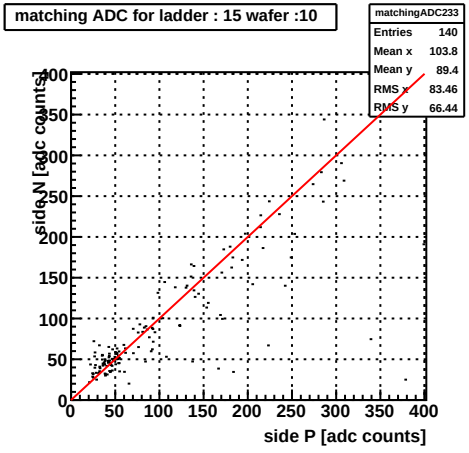

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 64
Mean x 93.37
Mean y 88.67
RMS x 78.09
RMS y 73.42
side N [adc counts]
side P [adc counts]

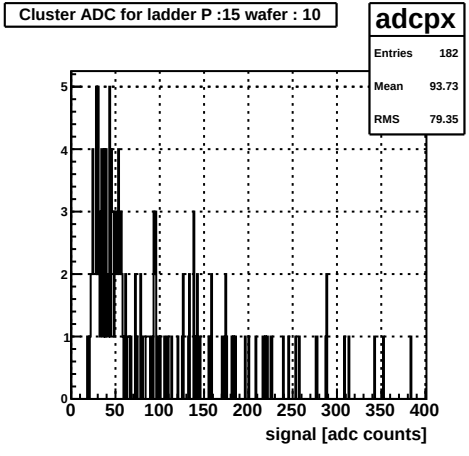

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 228
Mean 53.23
RMS 66.54
signal [adc counts]

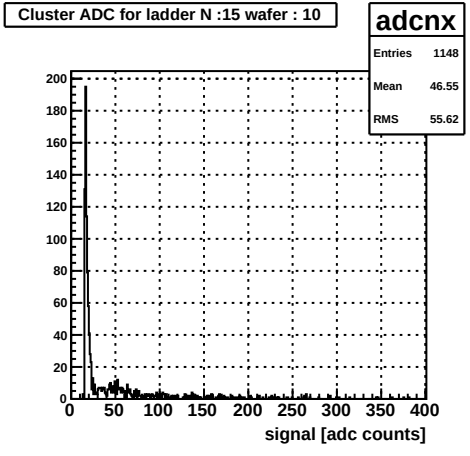

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3043
Mean 31.66
RMS 37.59
signal [adc counts]

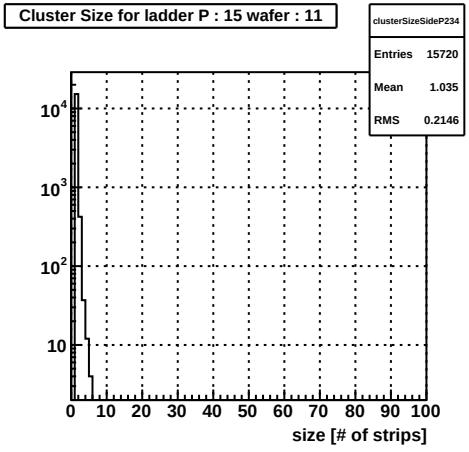

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 182
Mean 1.247
RMS 0.5129
size [# of strips]

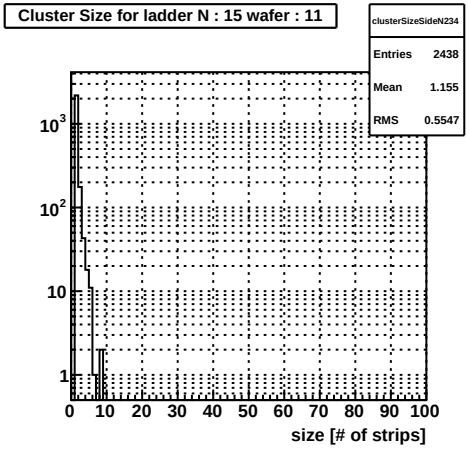

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1148
Mean 1.313
RMS 0.7161
size [# of strips]

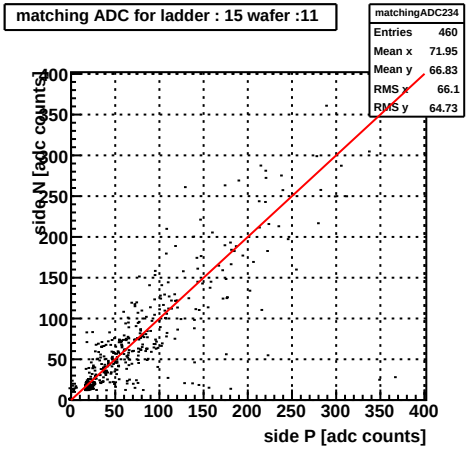

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 140
Mean x 103.8
Mean y 89.4
RMS x 83.46
RMS y 66.44
side N [adc counts]
side P [adc counts]

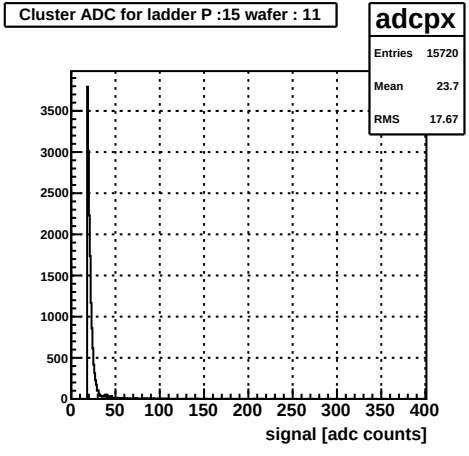

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 182
Mean 93.73
RMS 79.35
signal [adc counts]

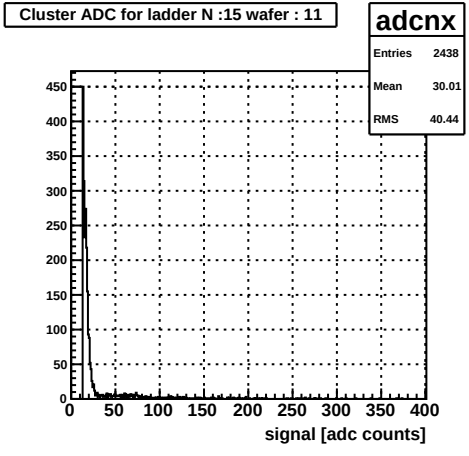

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1148
Mean 46.55
RMS 55.62
signal [adc counts]

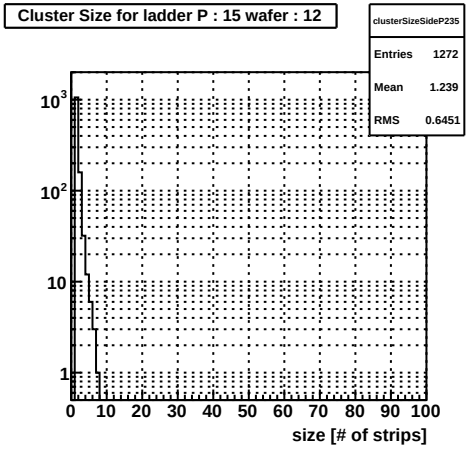

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 15720
Mean 1.035
RMS 0.2146
size [# of strips]

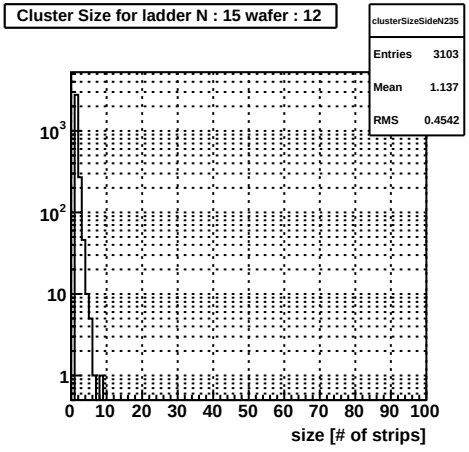

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2438
Mean 1.155
RMS 0.5547
size [# of strips]

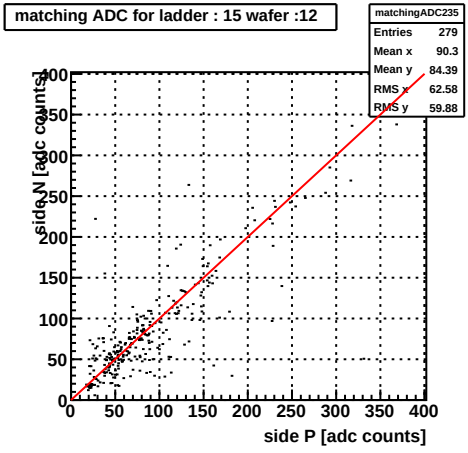

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 460
Mean x 71.95
Mean y 66.83
RMS x 66.1
RMS y 64.73
side N [adc counts]
side P [adc counts]

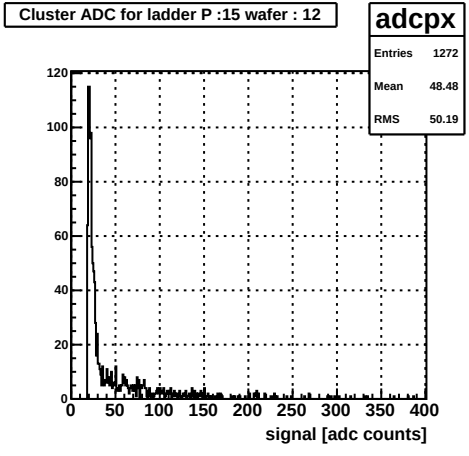

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 15720
Mean 23.7
RMS 17.67
signal [adc counts]

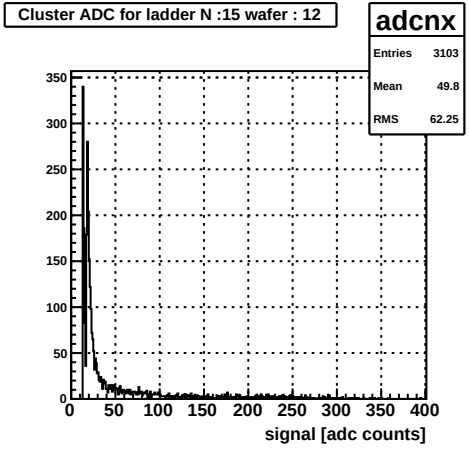

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2438
Mean 30.01
RMS 40.44
signal [adc counts]

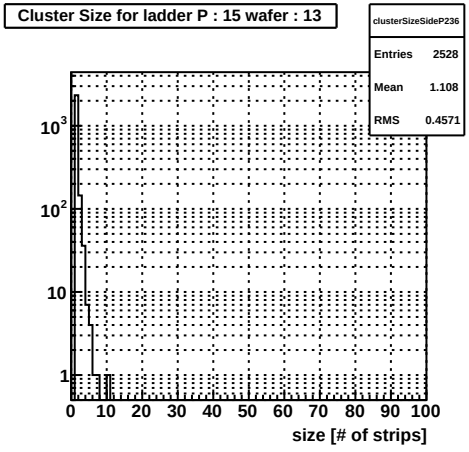

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1272
Mean 1.239
RMS 0.6451
size [# of strips]

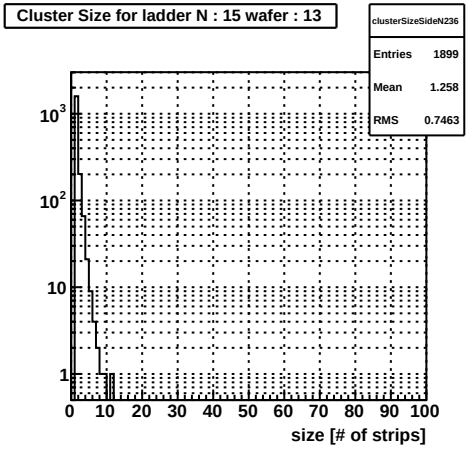

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3103
Mean 1.137
RMS 0.4542
size [# of strips]

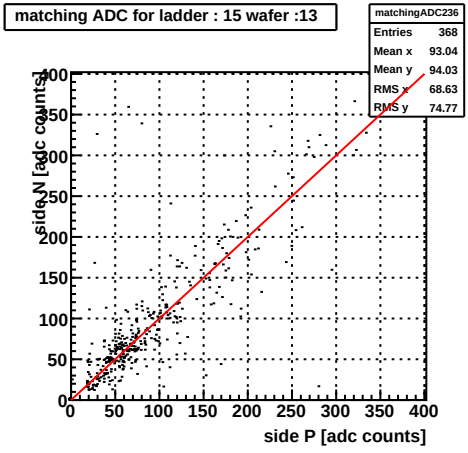

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 279
Mean x 90.3
Mean y 84.39
RMS x 62.58
RMS y 59.88
side N [adc counts]
side P [adc counts]

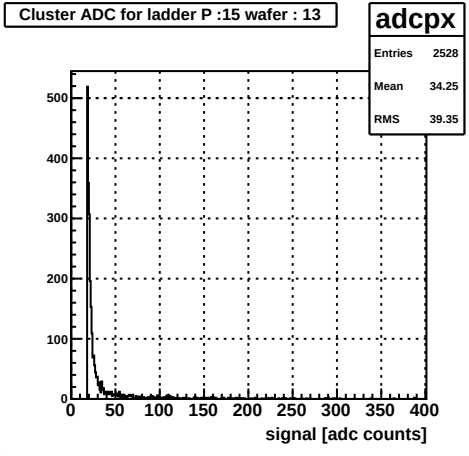

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1272
Mean 48.48
RMS 50.19
signal [adc counts]

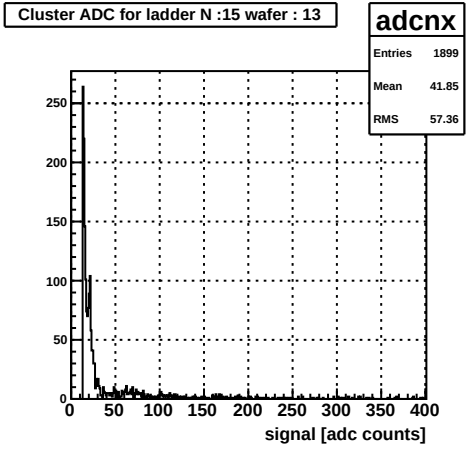

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3103
Mean 49.8
RMS 62.25
signal [adc counts]

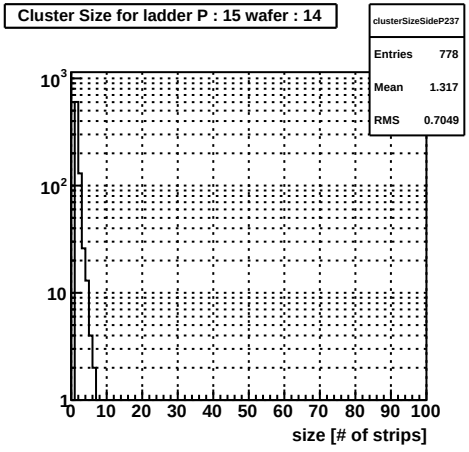

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2528
Mean 1.108
RMS 0.4571
size [# of strips]

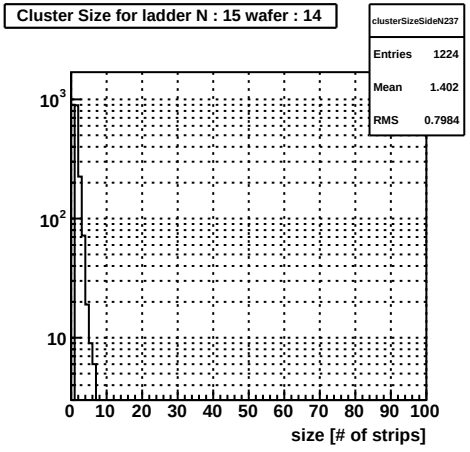

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1899
Mean 1.258
RMS 0.7463
size [# of strips]

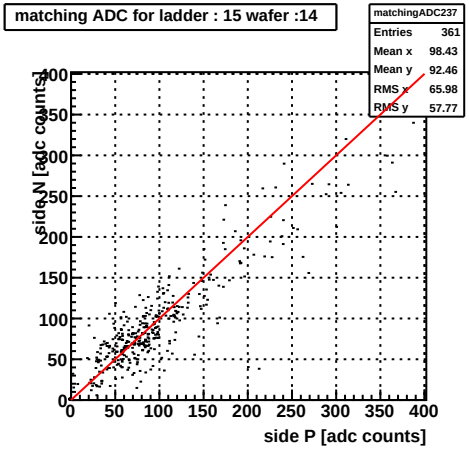

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 368
Mean x 93.04
Mean y 94.03
RMS x 68.63
RMS y 74.77
side N [adc counts]
side P [adc counts]

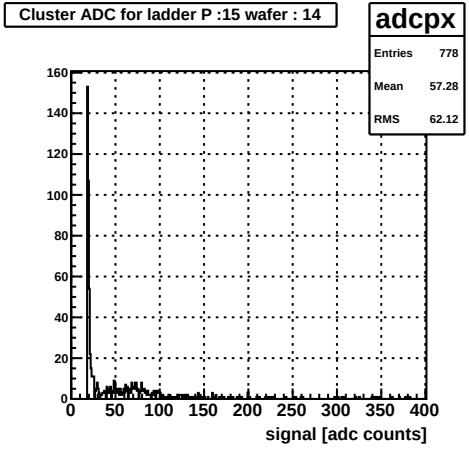

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2528
Mean 34.25
RMS 39.35
signal [adc counts]

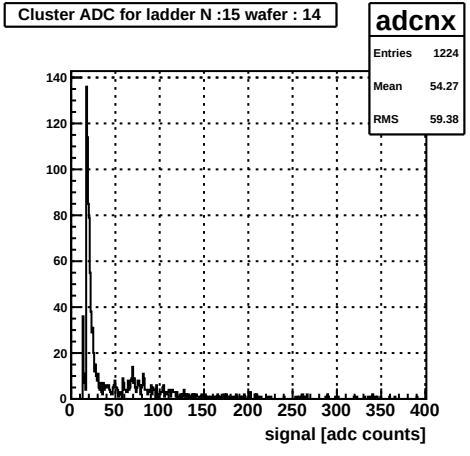

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1899
Mean 41.85
RMS 57.36
signal [adc counts]

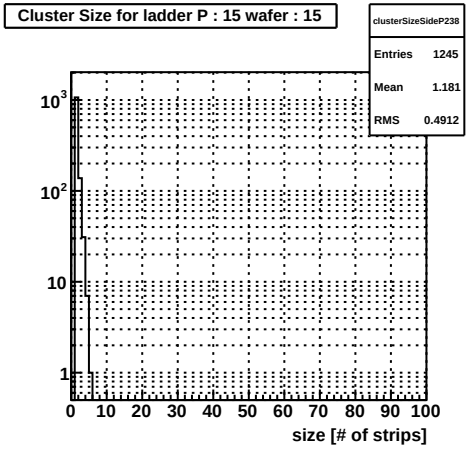

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 778
Mean 1.317
RMS 0.7049
size [# of strips]

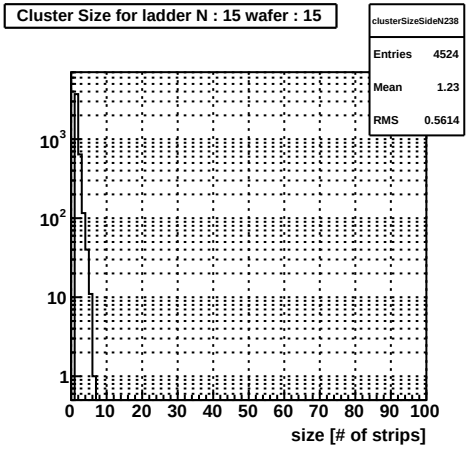

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1224
Mean 1.402
RMS 0.7984
size [# of strips]

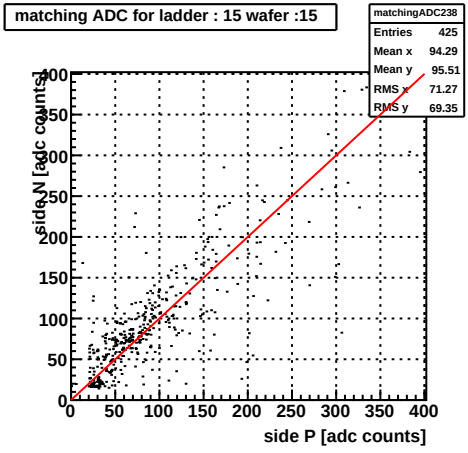

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 361
Mean x 98.43
Mean y 92.46
RMS x 65.98
RMS y 57.77
side N [adc counts]
side P [adc counts]

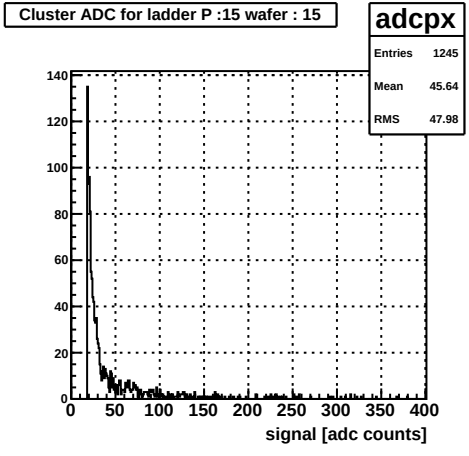

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 778
Mean 57.28
RMS 62.12
signal [adc counts]

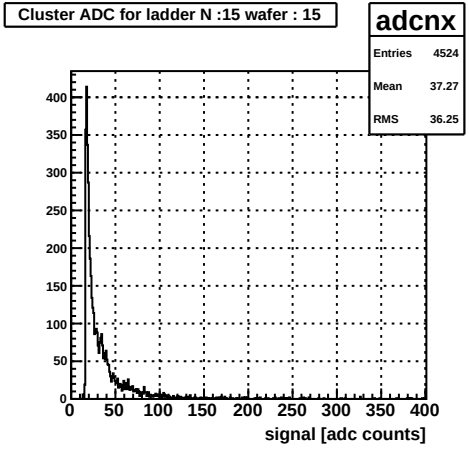

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1224
Mean 54.27
RMS 59.38
signal [adc counts]

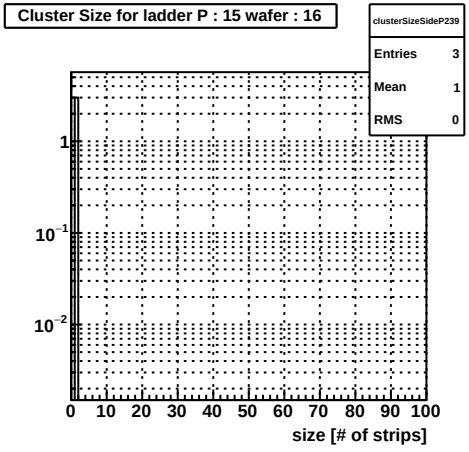

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1245
Mean 1.181
RMS 0.4912
size [# of strips]

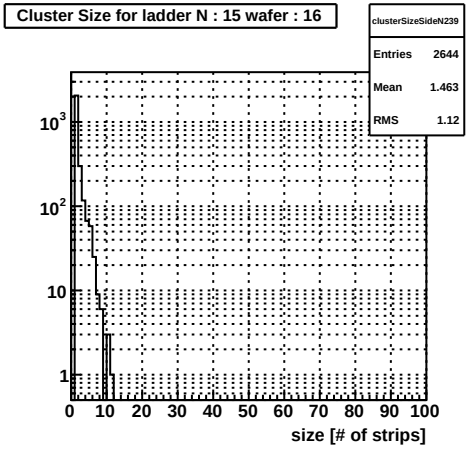

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4524
Mean 1.23
RMS 0.5614
size [# of strips]

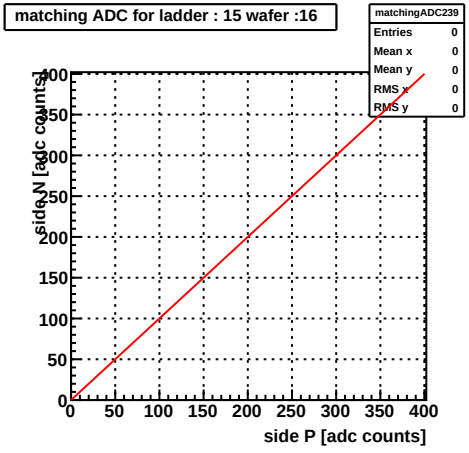

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 425
Mean x 94.29
Mean y 95.51
RMS x 71.27
RMS y 69.35
side N [adc counts]
side P [adc counts]

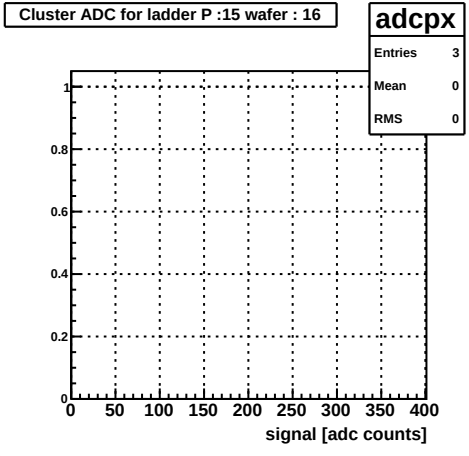

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1245
Mean 45.64
RMS 47.98
signal [adc counts]

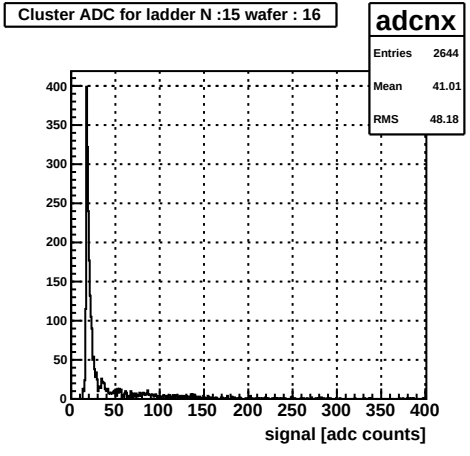

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4524
Mean 37.27
RMS 36.25
signal [adc counts]

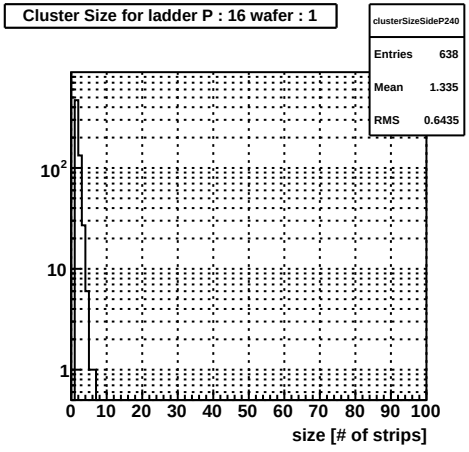

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

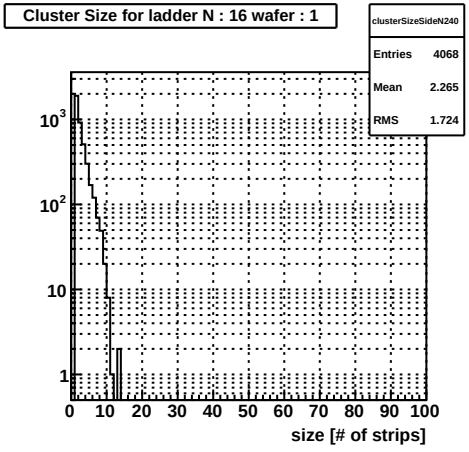

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2644
Mean 1.463
RMS 1.12
size [# of strips]

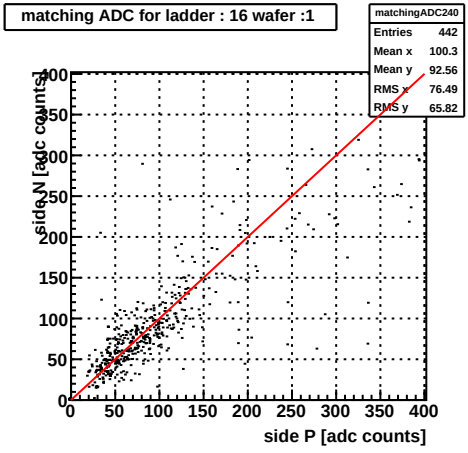

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

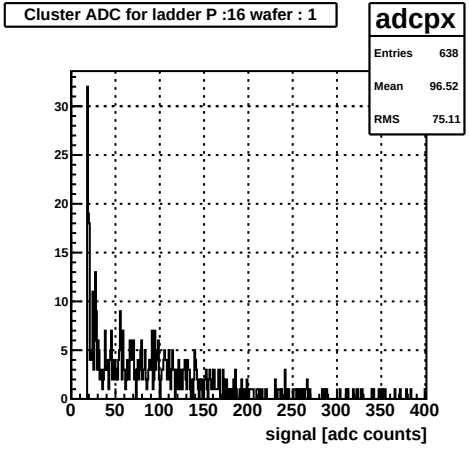

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

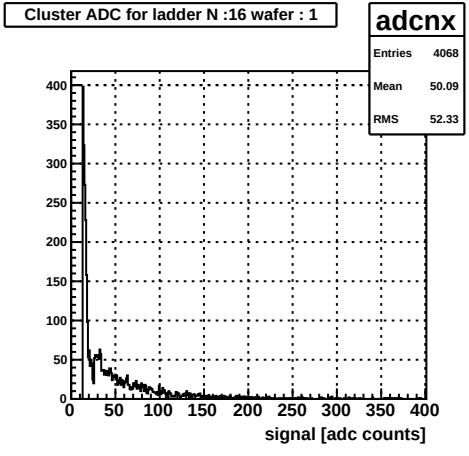

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2644
Mean 41.01
RMS 48.18
signal [adc counts]

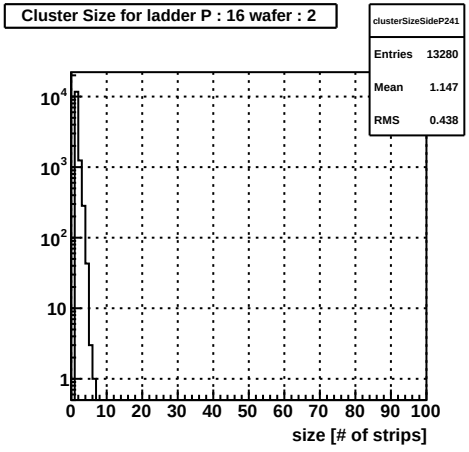

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 638
Mean 1.335
RMS 0.6435
size [# of strips]

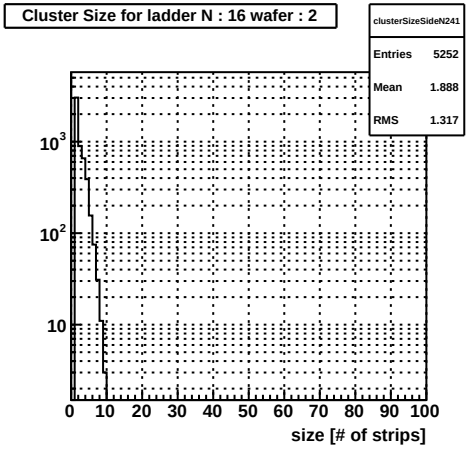

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4068
Mean 2.265
RMS 1.724
size [# of strips]

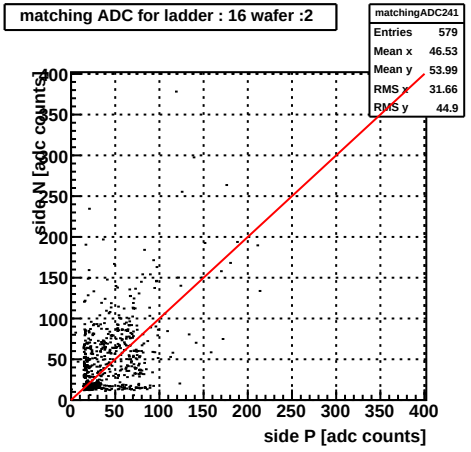

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 442
Mean x 100.3
Mean y 92.56
RMS x 76.49
RMS y 65.82
side N [adc counts]
side P [adc counts]

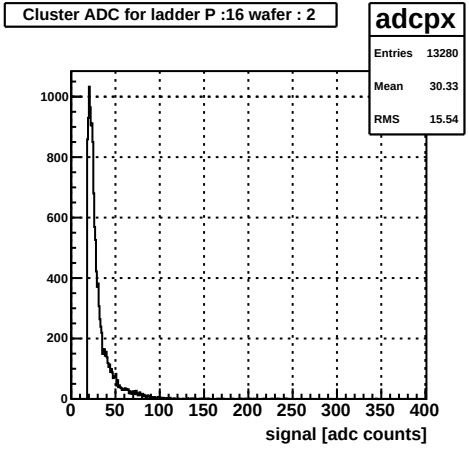

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 638
Mean 96.52
RMS 75.11
signal [adc counts]

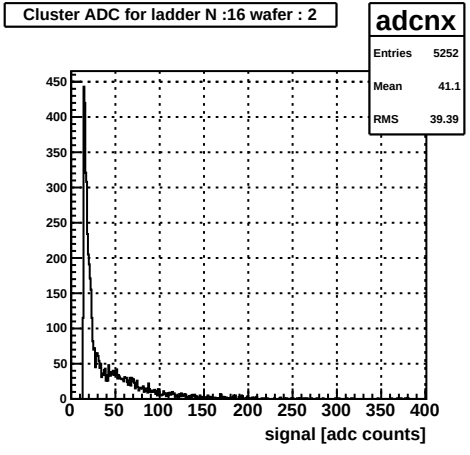

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4068
Mean 50.09
RMS 52.33
signal [adc counts]

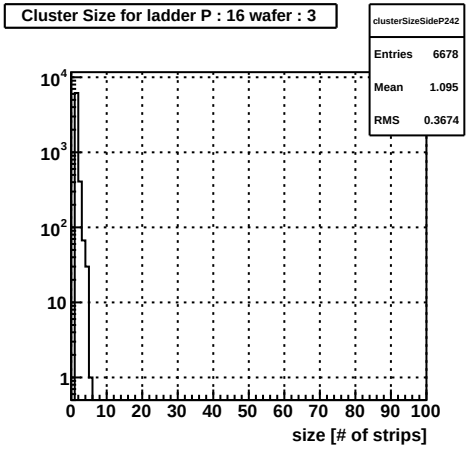

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 13280
Mean 1.147
RMS 0.438
size [# of strips]

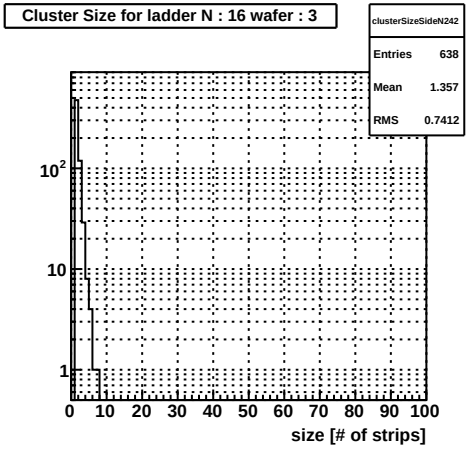

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5252
Mean 1.888
RMS 1.317
size [# of strips]

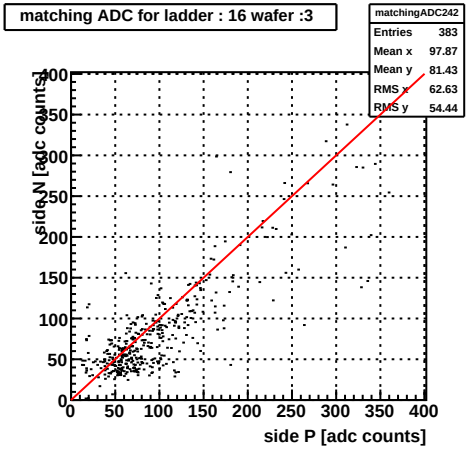

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 579
Mean x 46.53
Mean y 53.99
RMS x 31.66
RMS y 44.9
side N [adc counts]
side P [adc counts]

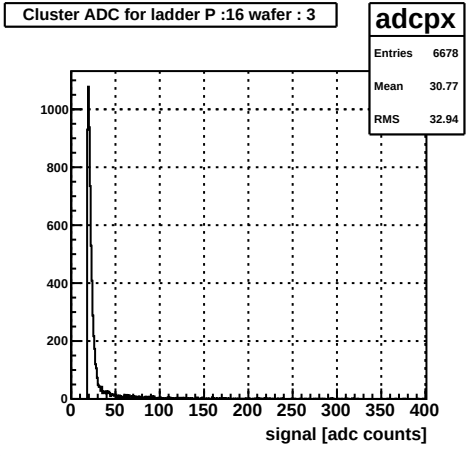

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 13280
Mean 30.33
RMS 15.54
signal [adc counts]

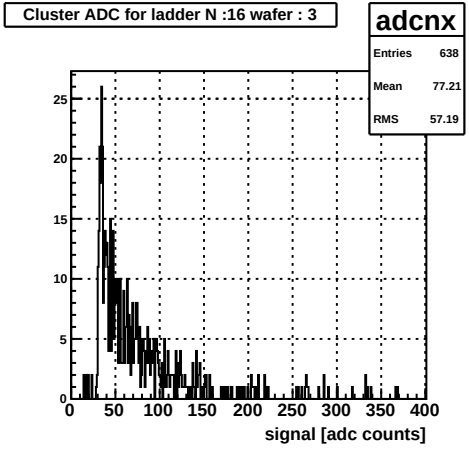

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5252
Mean 41.1
RMS 39.39
signal [adc counts]

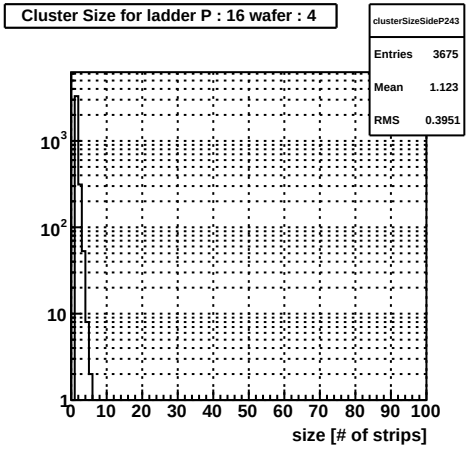

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6678
Mean 1.095
RMS 0.3674
size [# of strips]

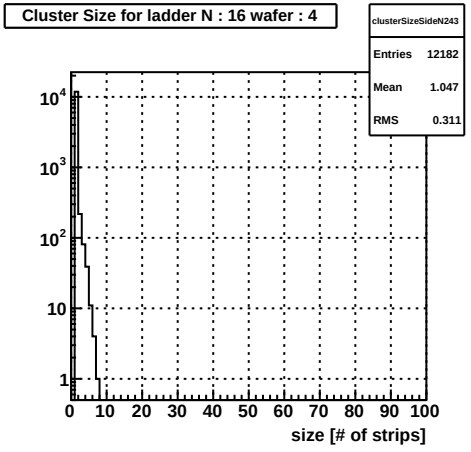

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 638
Mean 1.357
RMS 0.7412
size [# of strips]

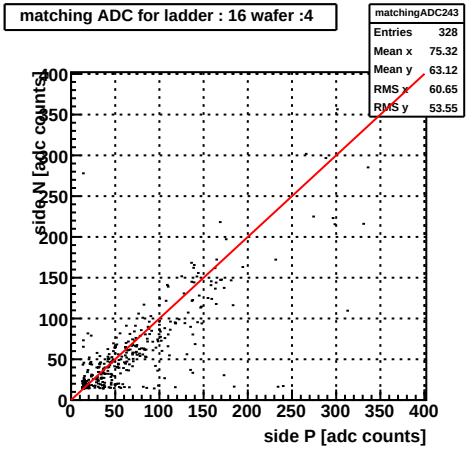

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 383
Mean x 97.87
Mean y 81.43
RMS x 62.63
RMS y 54.44
side N [adc counts]
side P [adc counts]

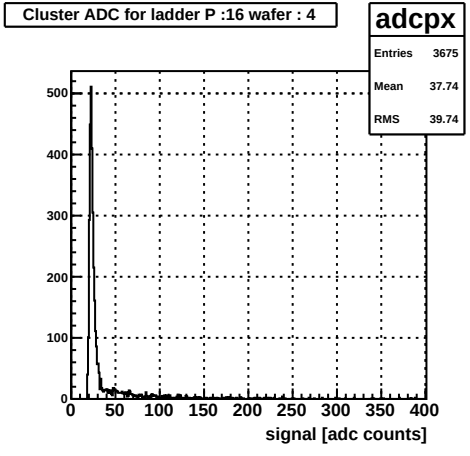

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6678
Mean 30.77
RMS 32.94
signal [adc counts]

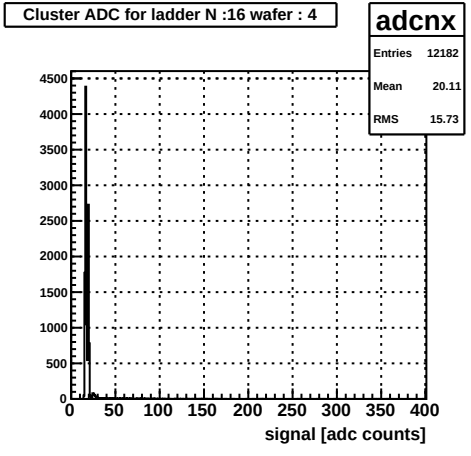

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 638
Mean 77.21
RMS 57.19
signal [adc counts]

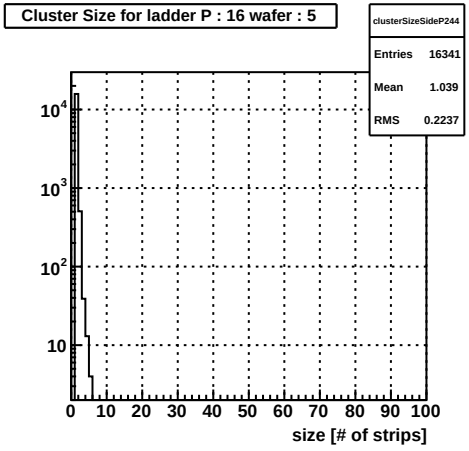

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3675
Mean 1.123
RMS 0.3951
size [# of strips]

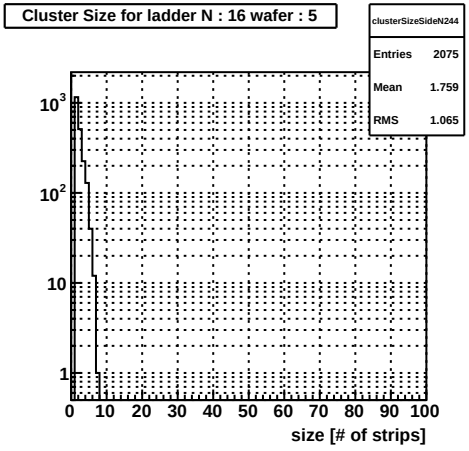

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 12182
Mean 1.047
RMS 0.311
size [# of strips]

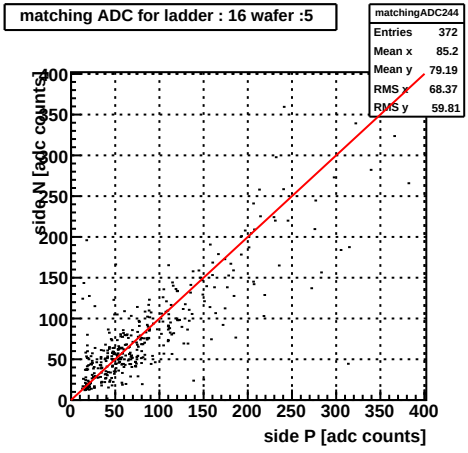

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 328
Mean x 75.32
Mean y 63.12
RMS x 60.65
RMS y 53.55
side N [adc counts]
side P [adc counts]

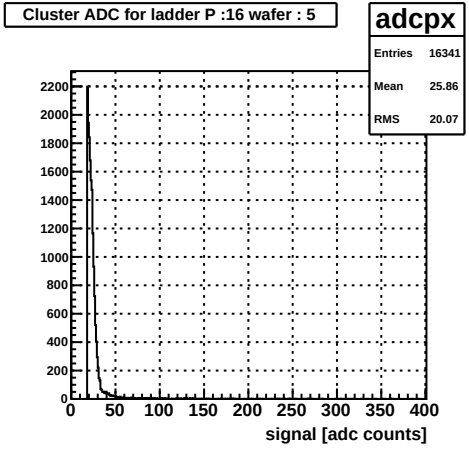

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3675
Mean 37.74
RMS 39.74
signal [adc counts]

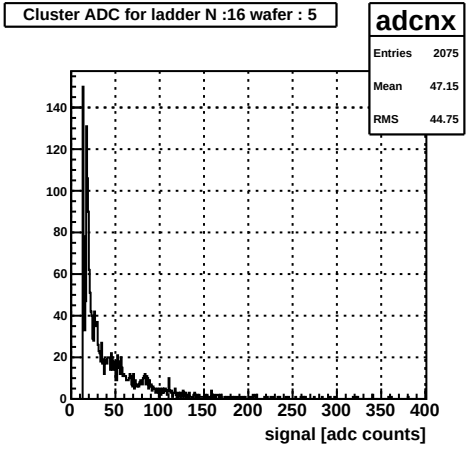

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 12182
Mean 20.11
RMS 15.73
signal [adc counts]

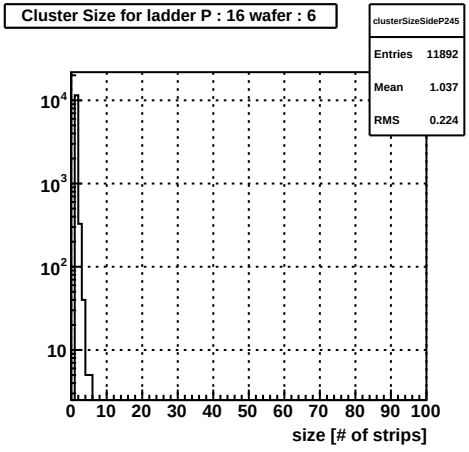

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 16341
Mean 1.039
RMS 0.2237
size [# of strips]

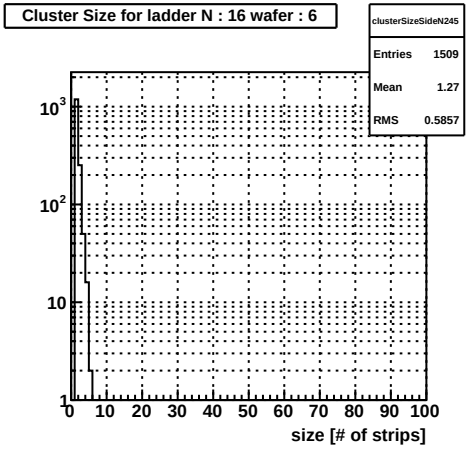

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2075
Mean 1.759
RMS 1.065
size [# of strips]

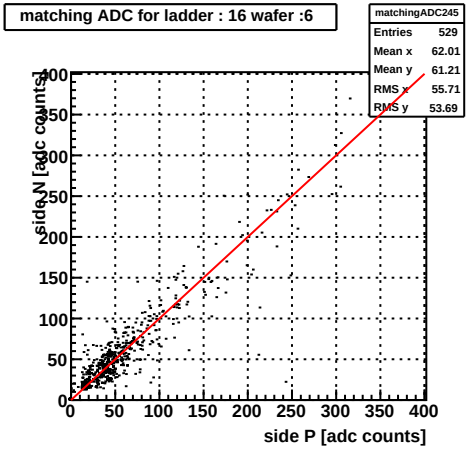

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 372
Mean x 85.2
Mean y 79.19
RMS x 68.37
RMS y 59.81
side N [adc counts]
side P [adc counts]

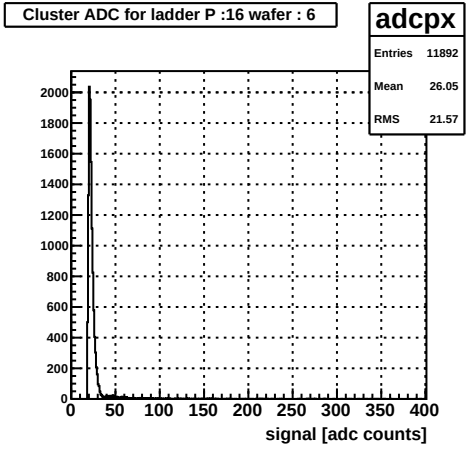

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 16341
Mean 25.86
RMS 20.07
signal [adc counts]

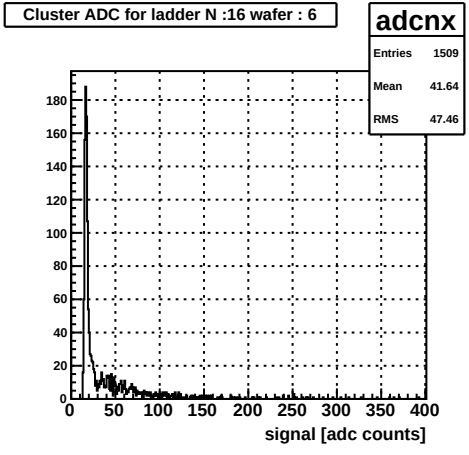

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2075
Mean 47.15
RMS 44.75
signal [adc counts]

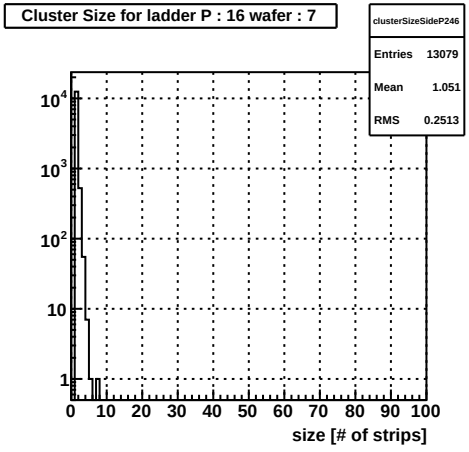

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 11892
Mean 1.037
RMS 0.224
size [# of strips]

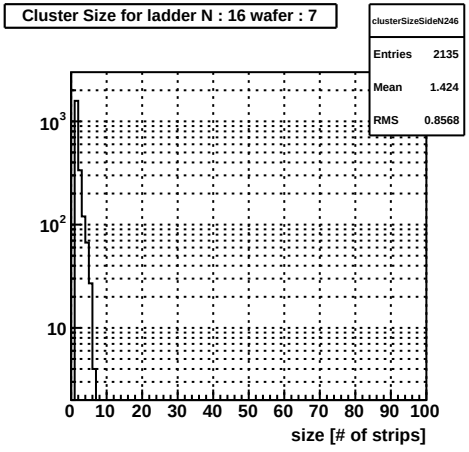

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1509
Mean 1.27
RMS 0.5857
size [# of strips]

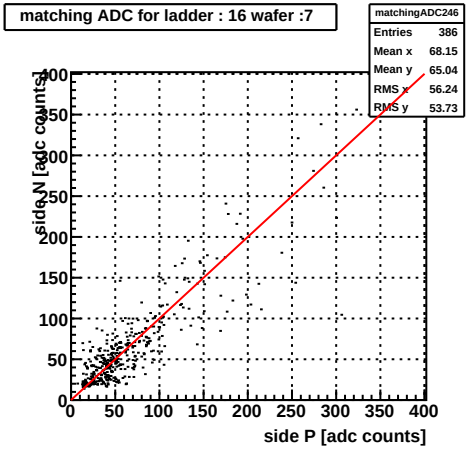

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 529
Mean x 62.01
Mean y 61.21
RMS x 55.71
RMS y 53.69
side N [adc counts]
side P [adc counts]

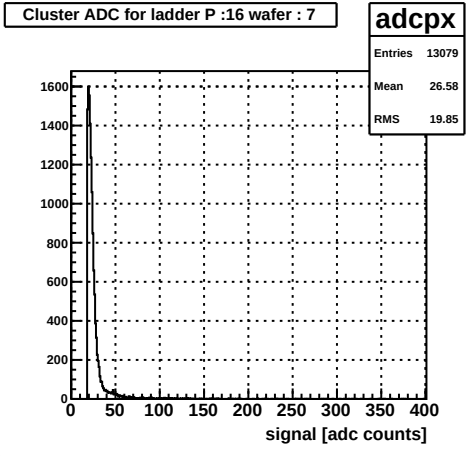

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 11892
Mean 26.05
RMS 21.57
signal [adc counts]

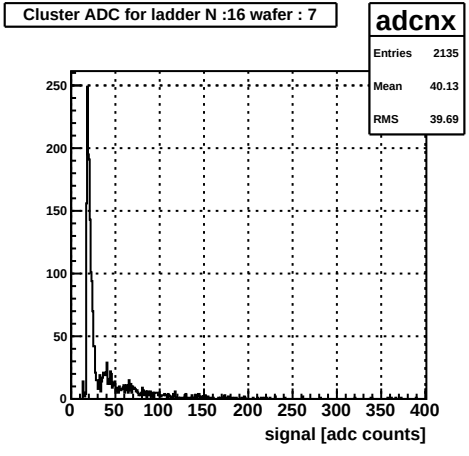

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1509
Mean 41.64
RMS 47.46
signal [adc counts]

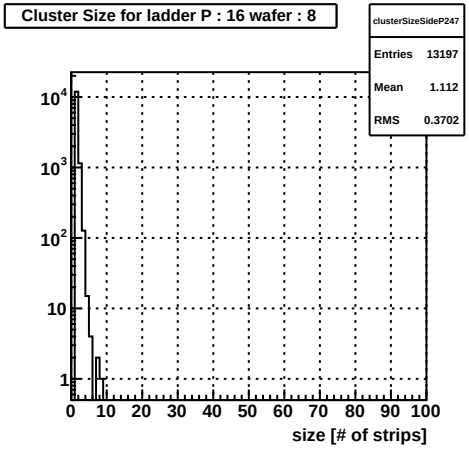

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 13079
Mean 1.051
RMS 0.2513
size [# of strips]

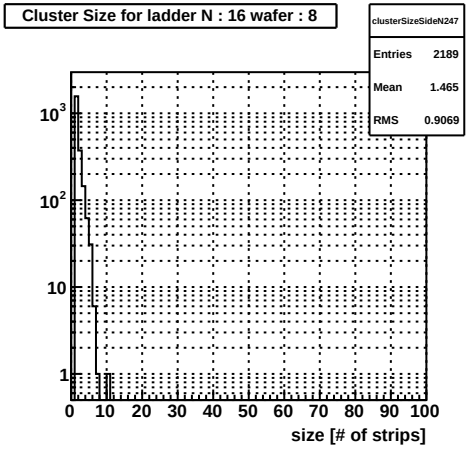

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2135
Mean 1.424
RMS 0.8568
size [# of strips]

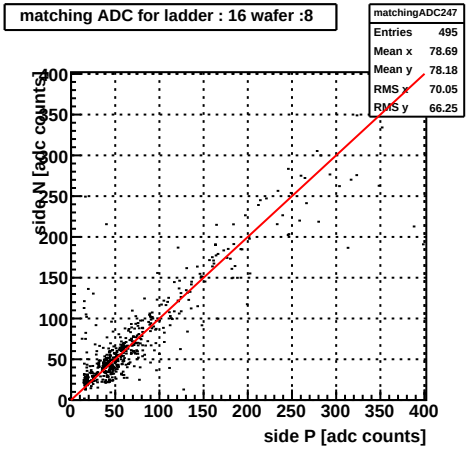

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 386
Mean x 68.15
Mean y 65.04
RMS x 56.24
RMS y 53.73
side N [adc counts]
side P [adc counts]

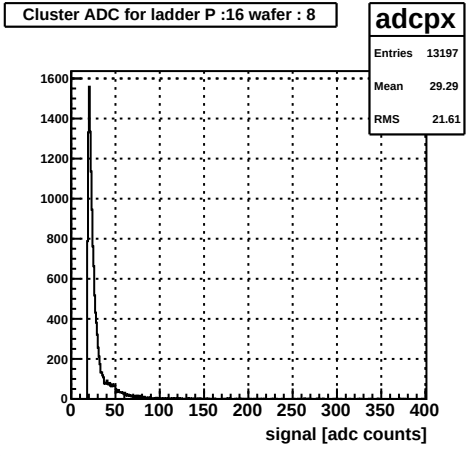

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 13079
Mean 26.58
RMS 19.85
signal [adc counts]

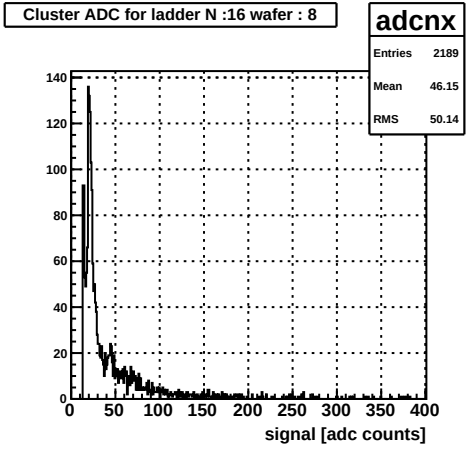

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2135
Mean 40.13
RMS 39.69
signal [adc counts]

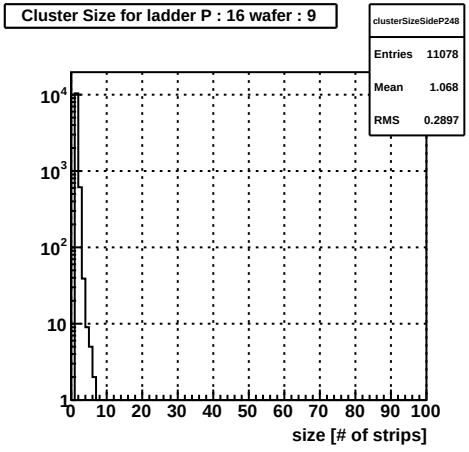

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13197
Mean 1.112
RMS 0.3702
size [# of strips]

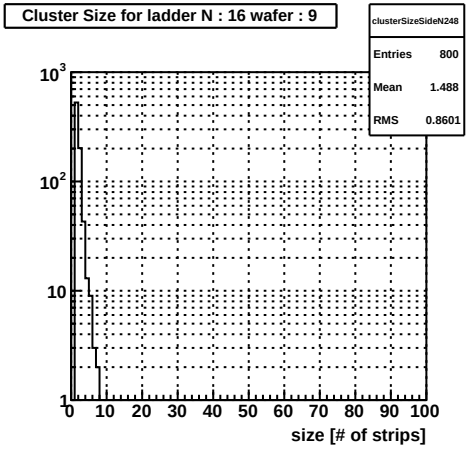

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2189
Mean 1.465
RMS 0.9069
size [# of strips]

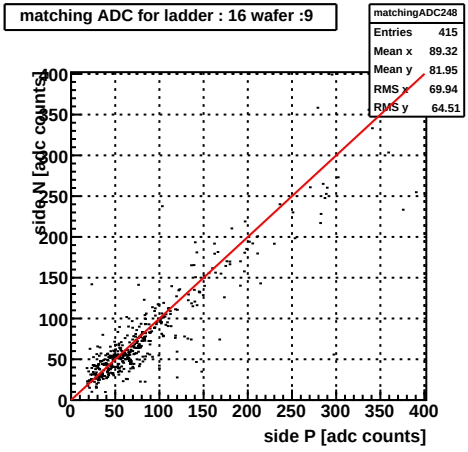

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 495
Mean x 78.69
Mean y 78.18
RMS x 70.05
RMS y 66.25
side N [adc counts]
side P [adc counts]

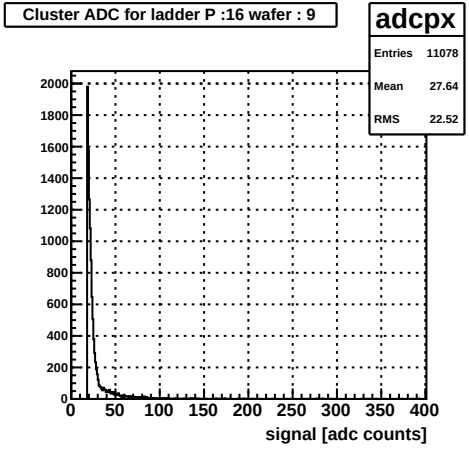

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13197
Mean 29.29
RMS 21.61
signal [adc counts]

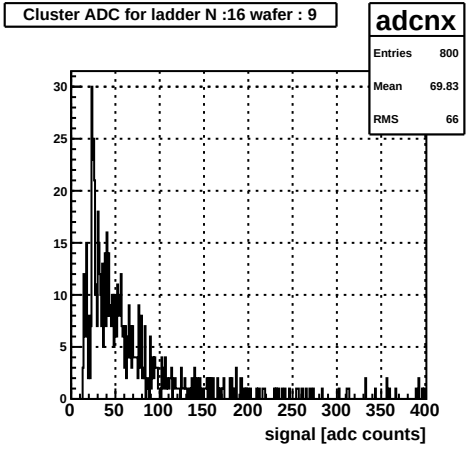

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2189
Mean 46.15
RMS 50.14
signal [adc counts]

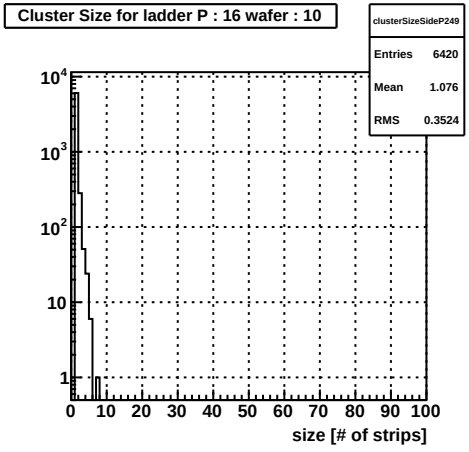

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11078
Mean 1.068
RMS 0.2897
size [# of strips]

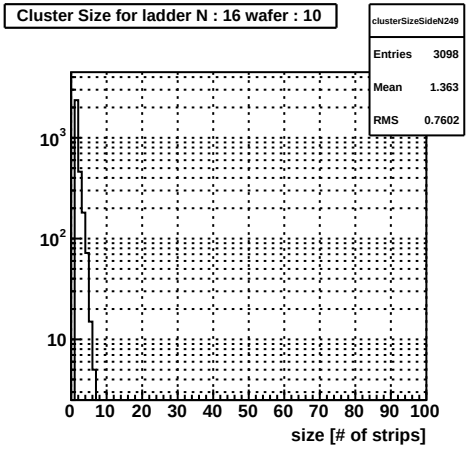

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 800
Mean 1.488
RMS 0.8601
size [# of strips]

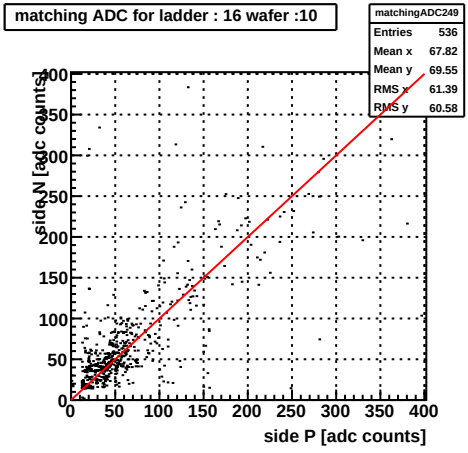

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 415
Mean x 89.32
Mean y 81.95
RMS x 69.94
RMS y 64.51
side N [adc counts]
side P [adc counts]

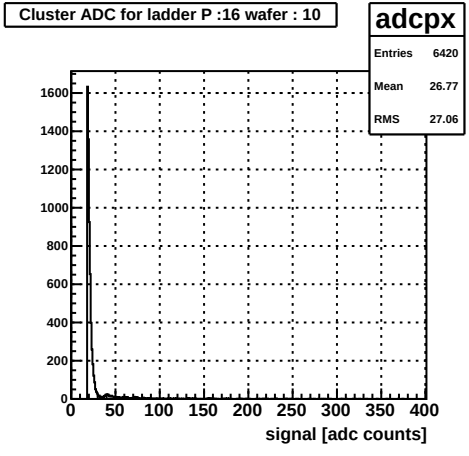

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11078
Mean 27.64
RMS 22.52
signal [adc counts]

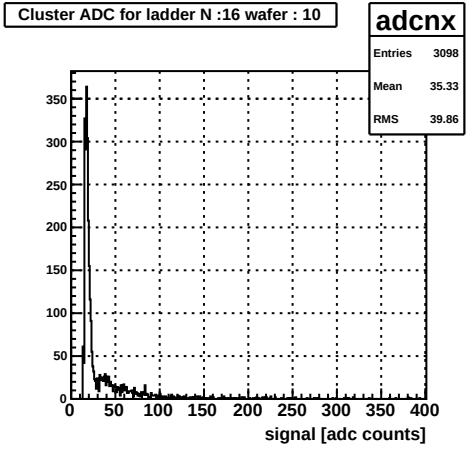

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 800
Mean 69.83
RMS 66
signal [adc counts]

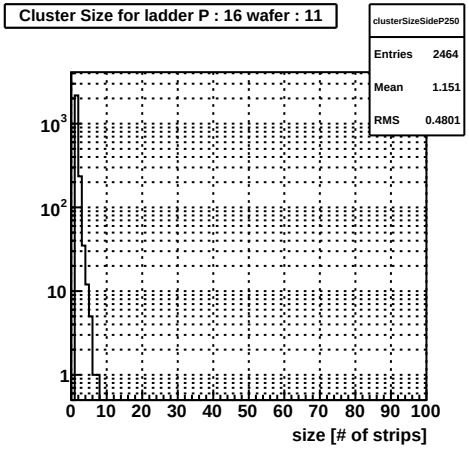

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6420
Mean 1.076
RMS 0.3524
size [# of strips]

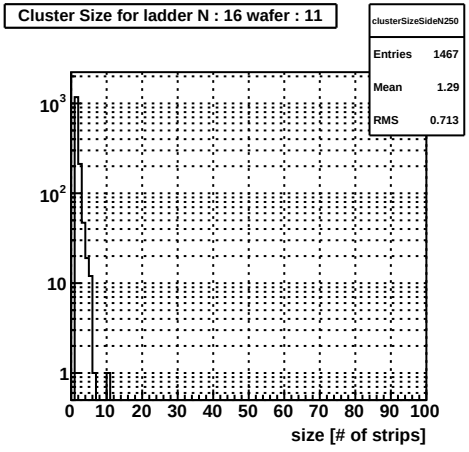

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3098
Mean 1.363
RMS 0.7602
size [# of strips]

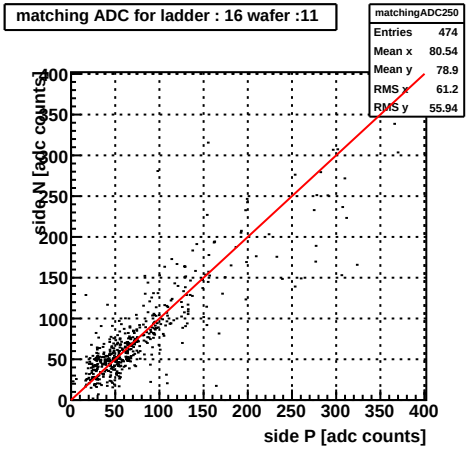

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 536
Mean x 67.82
Mean y 69.55
RMS x 61.39
RMS y 60.58
side N [adc counts]
side P [adc counts]

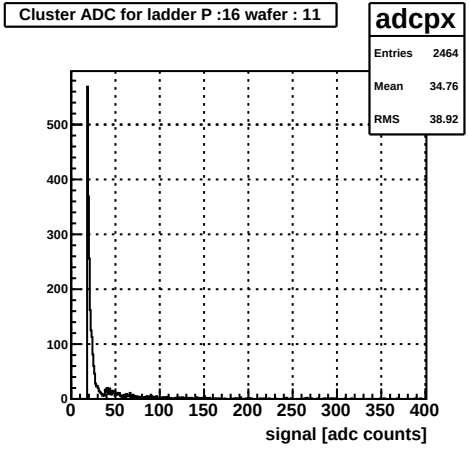

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6420
Mean 26.77
RMS 27.06
signal [adc counts]

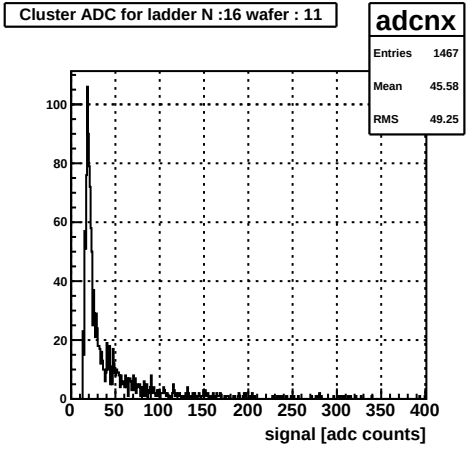

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3098
Mean 35.33
RMS 39.86
signal [adc counts]

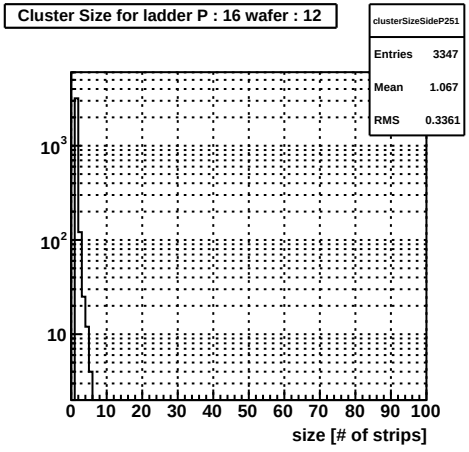

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2464
Mean 1.151
RMS 0.4801
size [# of strips]

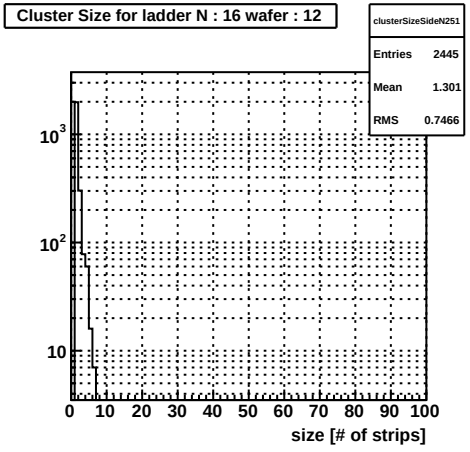

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1467
Mean 1.29
RMS 0.713
size [# of strips]

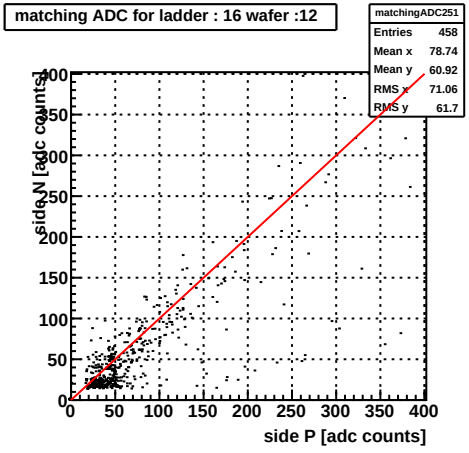

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 474
Mean x 80.54
Mean y 78.9
RMS x 61.2
RMS y 55.94
side N [adc counts]
side P [adc counts]

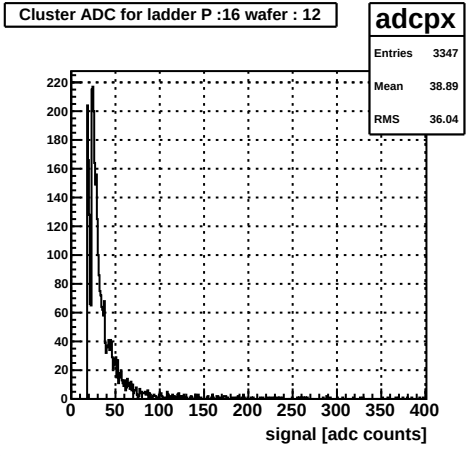

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2464
Mean 34.76
RMS 38.92
signal [adc counts]

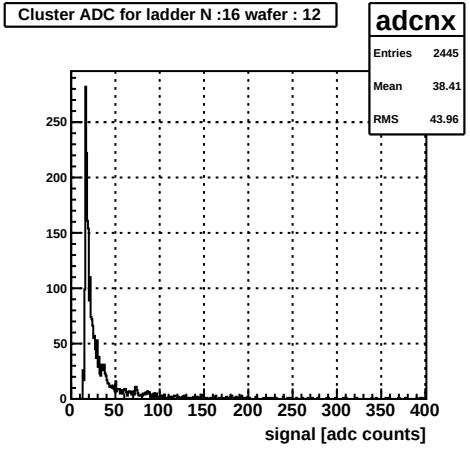

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1467
Mean 45.58
RMS 49.25
signal [adc counts]

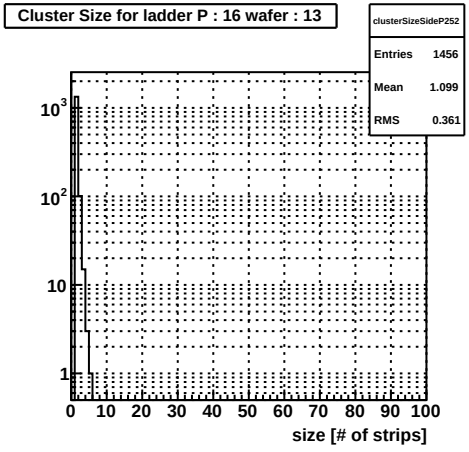

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3347
Mean 1.067
RMS 0.3361
size [# of strips]

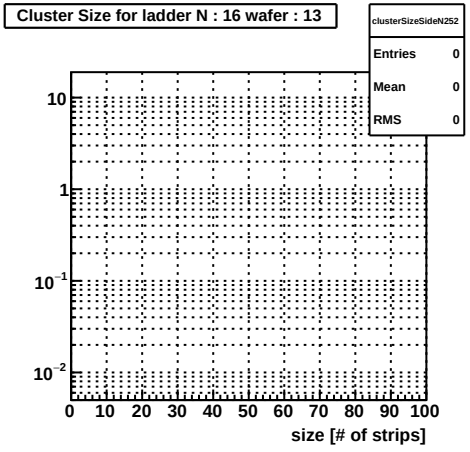

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2445
Mean 1.301
RMS 0.7466
size [# of strips]

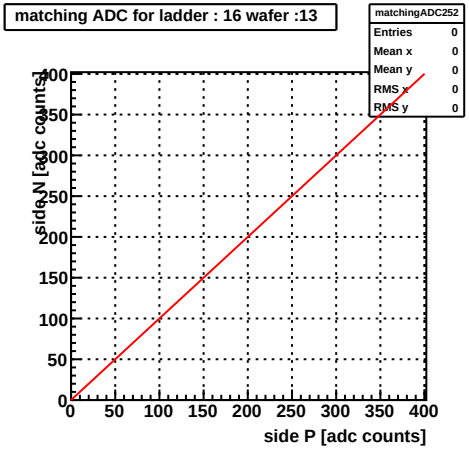

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 458
Mean x 78.74
Mean y 60.92
RMS x 71.06
RMS y 61.7
side N [adc counts]
side P [adc counts]

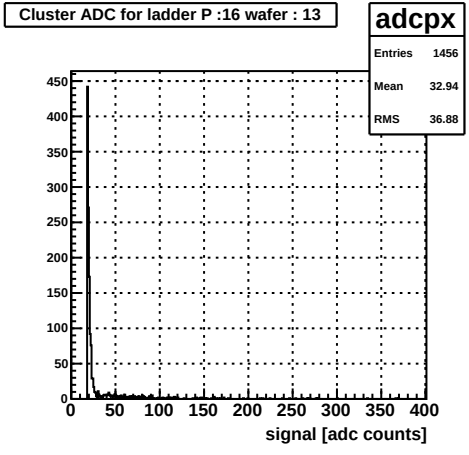

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3347
Mean 38.89
RMS 36.04
signal [adc counts]

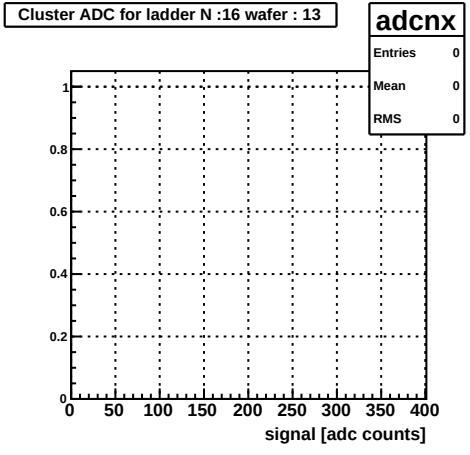

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2445
Mean 38.41
RMS 43.96
signal [adc counts]

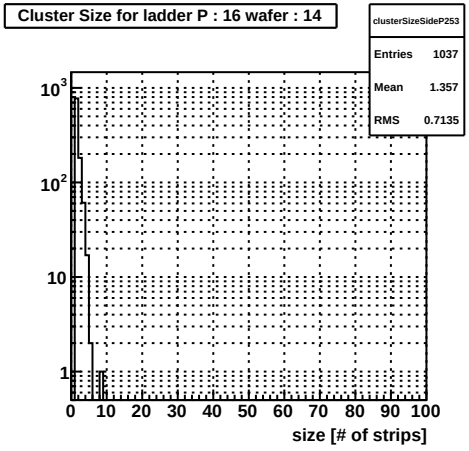

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1456
Mean 1.099
RMS 0.361
size [# of strips]

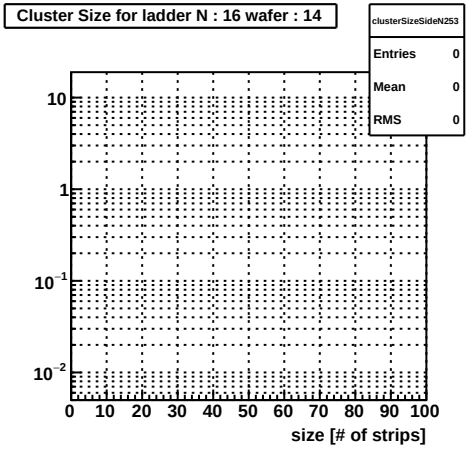

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

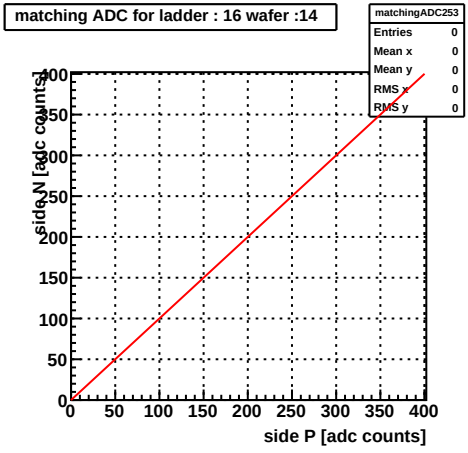

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

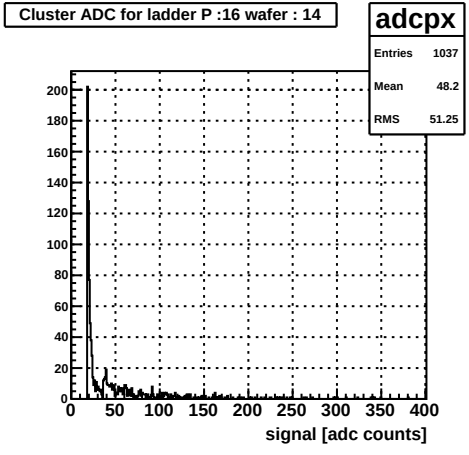

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1456
Mean 32.94
RMS 36.88
signal [adc counts]

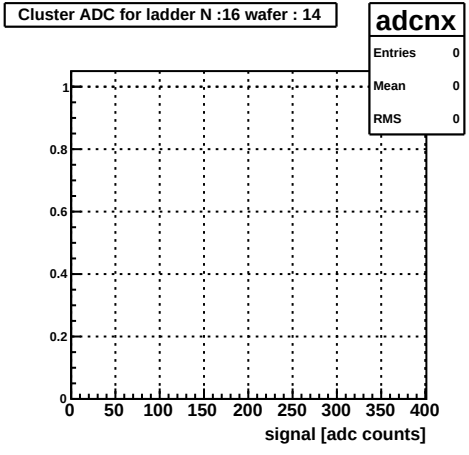

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

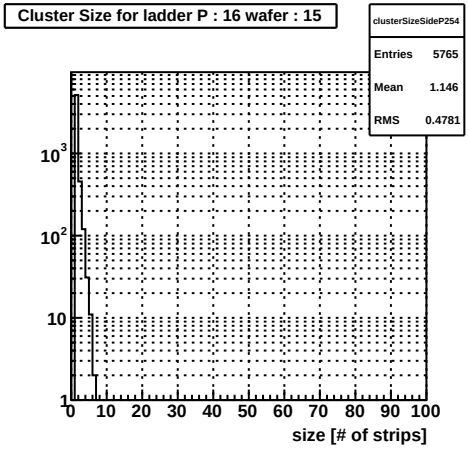

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1037
Mean 1.357
RMS 0.7135
size [# of strips]

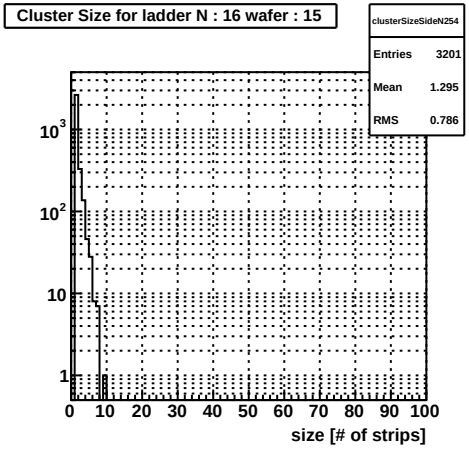

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

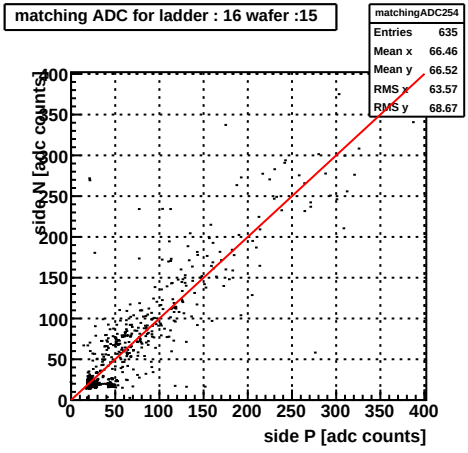

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

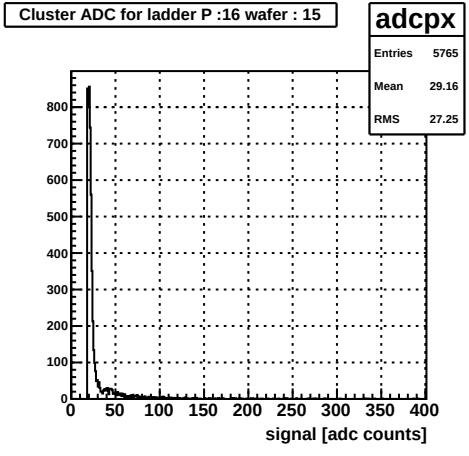

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1037
Mean 48.2
RMS 51.25
signal [adc counts]

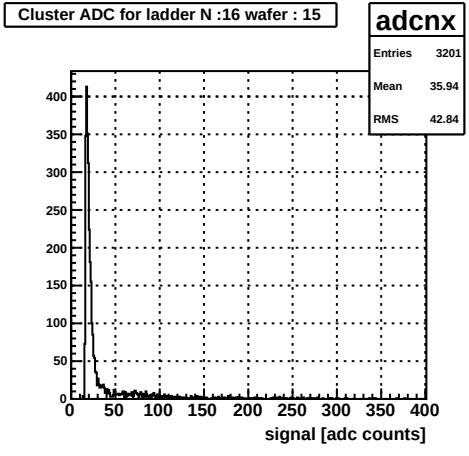

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

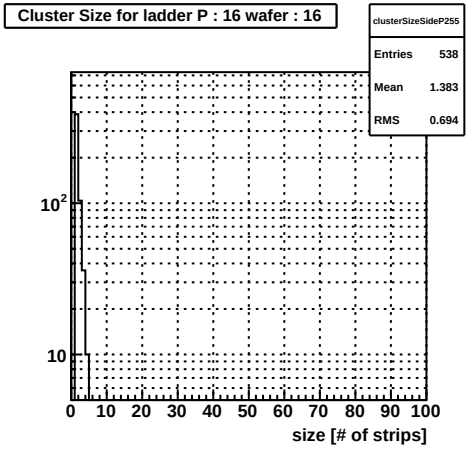

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5765
Mean 1.146
RMS 0.4781
size [# of strips]

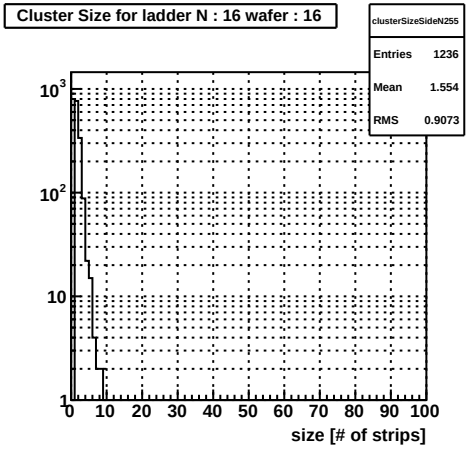

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3201
Mean 1.295
RMS 0.786
size [# of strips]

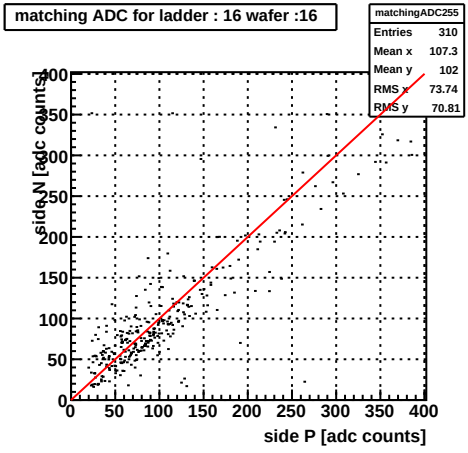

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 635
Mean x 66.46
Mean y 66.52
RMS x 63.57
RMS y 68.67
side N [adc counts]
side P [adc counts]

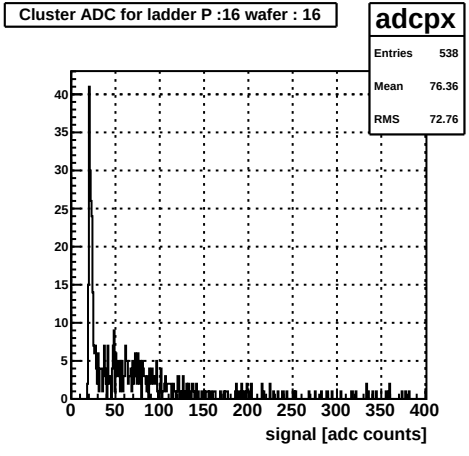

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5765
Mean 29.16
RMS 27.25
signal [adc counts]

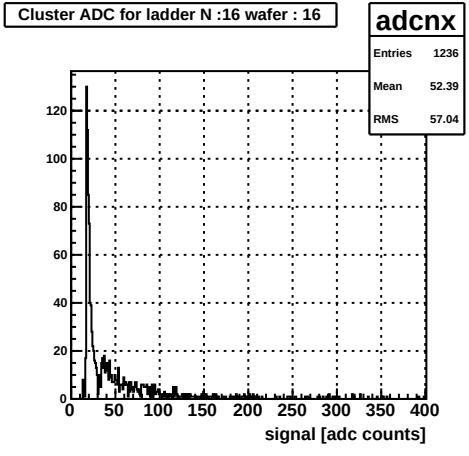

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3201
Mean 35.94
RMS 42.84
signal [adc counts]

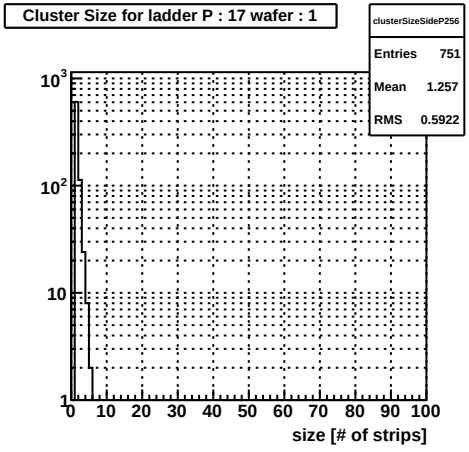

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 538
Mean 1.383
RMS 0.694
size [# of strips]

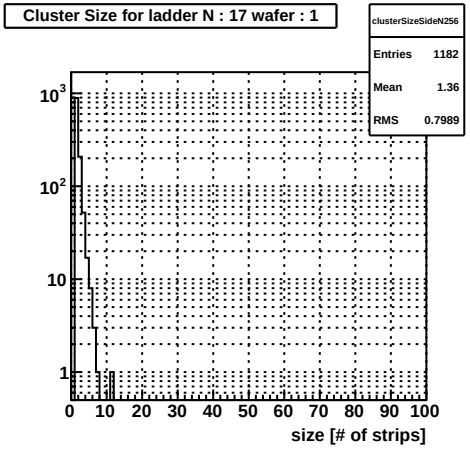

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1236
Mean 1.554
RMS 0.9073
size [# of strips]

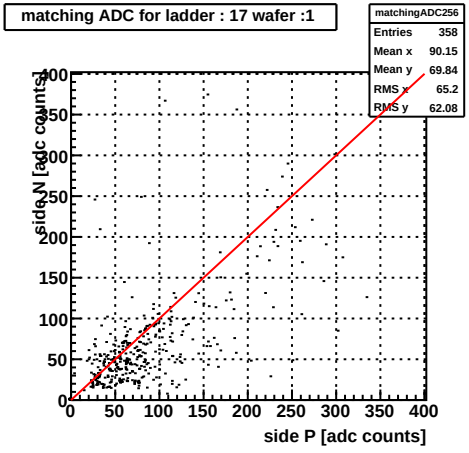

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 310
Mean x 107.3
Mean y 102
RMS x 73.74
RMS y 70.81
side N [adc counts]
side P [adc counts]

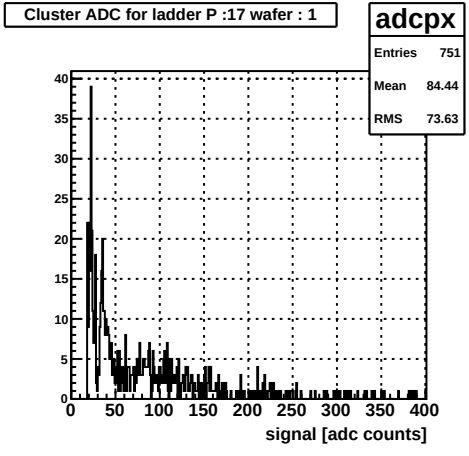

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 538
Mean 76.36
RMS 72.76
signal [adc counts]

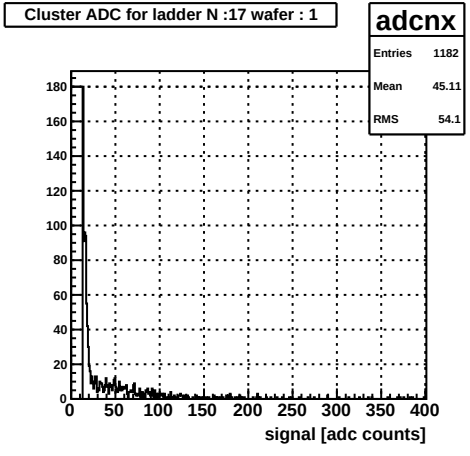

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1236
Mean 52.39
RMS 57.04
signal [adc counts]

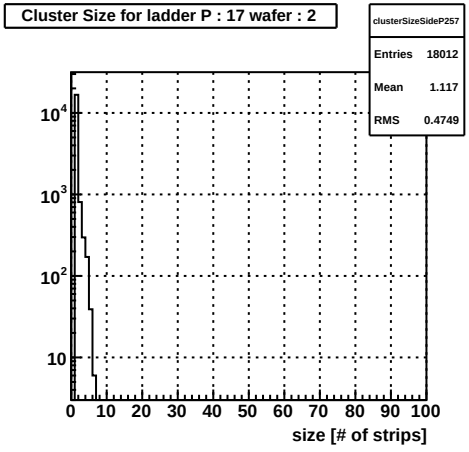

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 751
Mean 1.257
RMS 0.5922
size [# of strips]

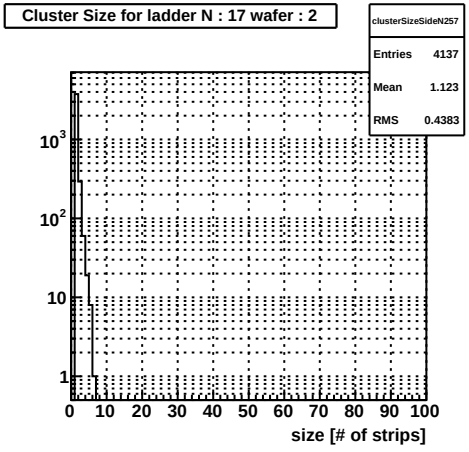

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1182
Mean 1.36
RMS 0.7989
size [# of strips]

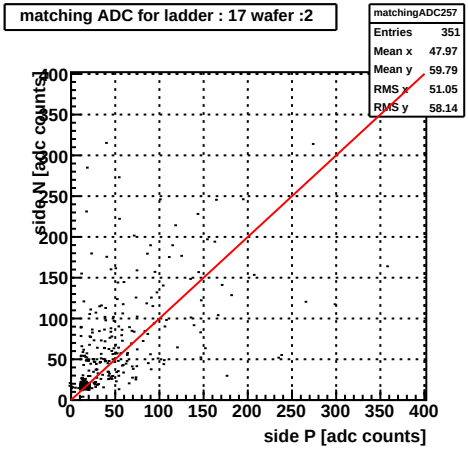

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 358
Mean x 90.15
Mean y 69.84
RMS x 65.2
RMS y 62.08
side N [adc counts]
side P [adc counts]

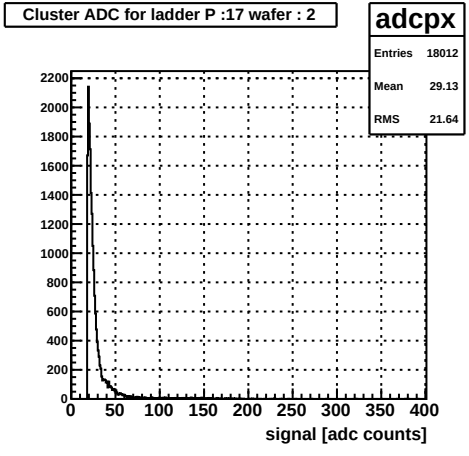

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 751
Mean 84.44
RMS 73.63
signal [adc counts]

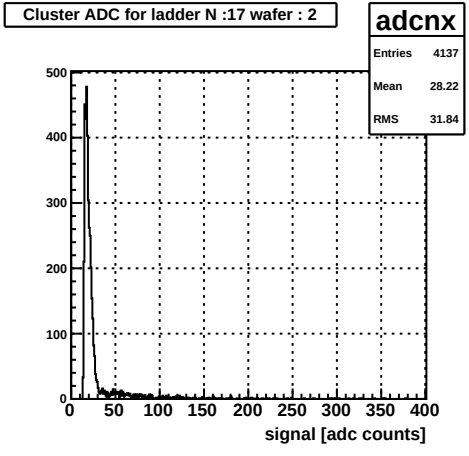

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1182
Mean 45.11
RMS 54.1
signal [adc counts]

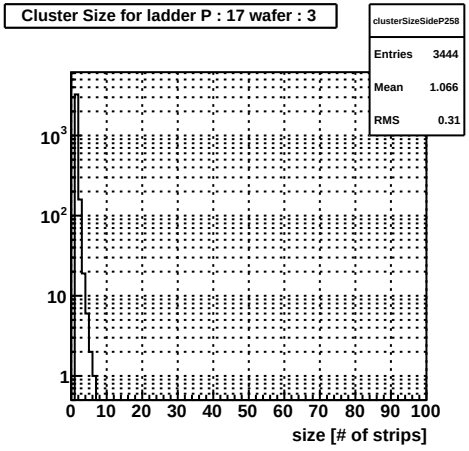

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 18012
Mean 1.117
RMS 0.4749
size [# of strips]

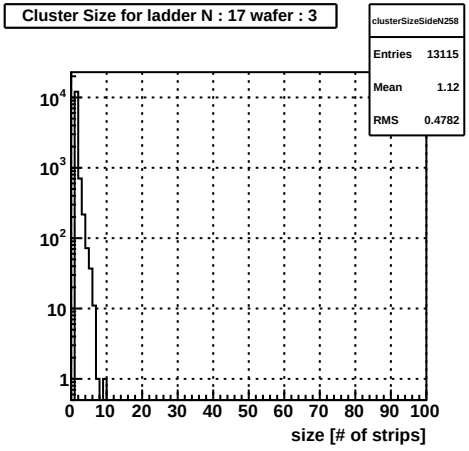

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4137
Mean 1.123
RMS 0.4383
size [# of strips]

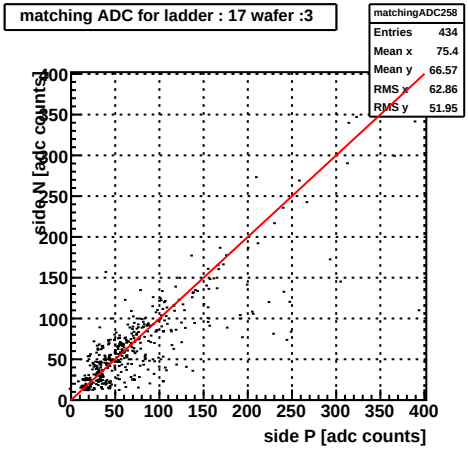

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 351
Mean x 47.97
Mean y 59.79
RMS x 51.05
RMS y 58.14
side N [adc counts]
side P [adc counts]

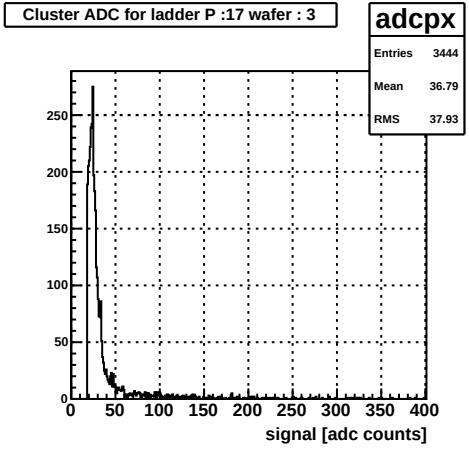

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 18012
Mean 29.13
RMS 21.64
signal [adc counts]

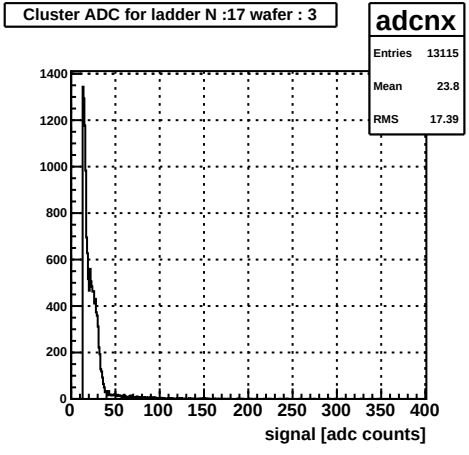

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4137
Mean 28.22
RMS 31.84
signal [adc counts]

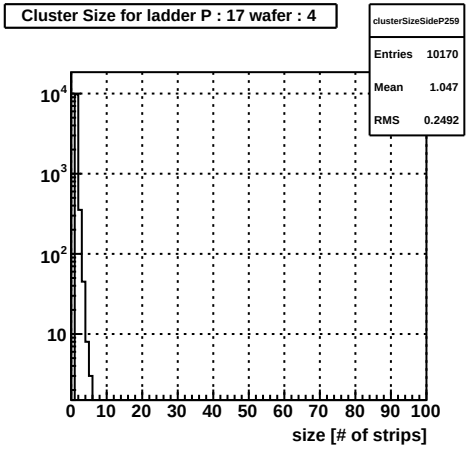

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3444
Mean 1.066
RMS 0.31
size [# of strips]

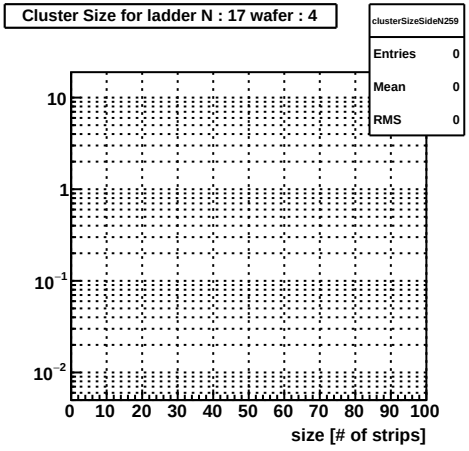

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 13115
Mean 1.12
RMS 0.4782
size [# of strips]

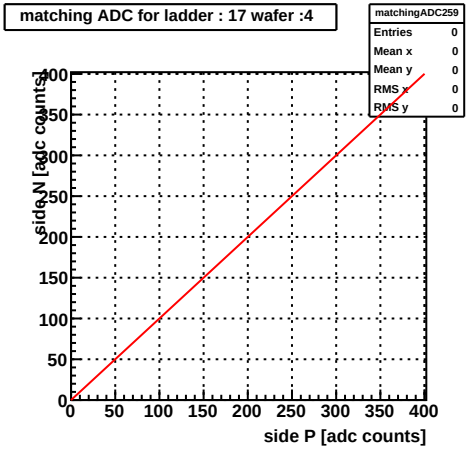

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 434
Mean x 75.4
Mean y 66.57
RMS x 62.86
RMS y 51.95
side N [adc counts]
side P [adc counts]

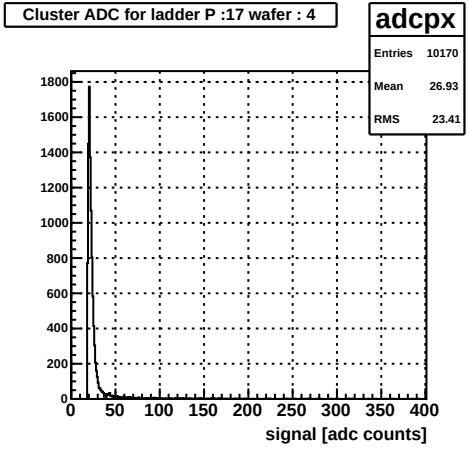

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3444
Mean 36.79
RMS 37.93
signal [adc counts]

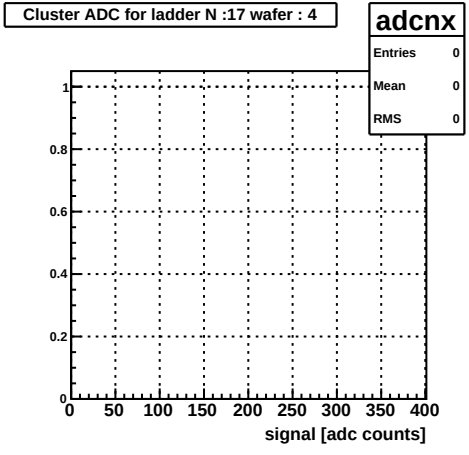

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 13115
Mean 23.8
RMS 17.39
signal [adc counts]

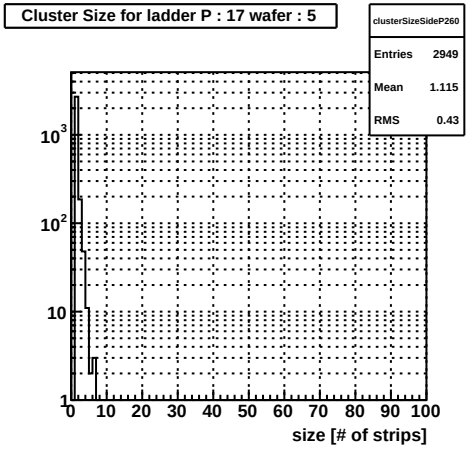

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10170
Mean 1.047
RMS 0.2492
size [# of strips]

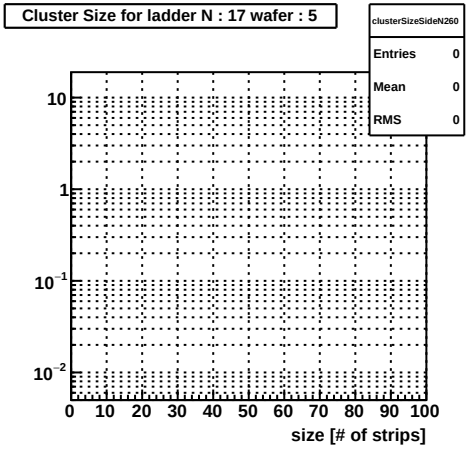

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

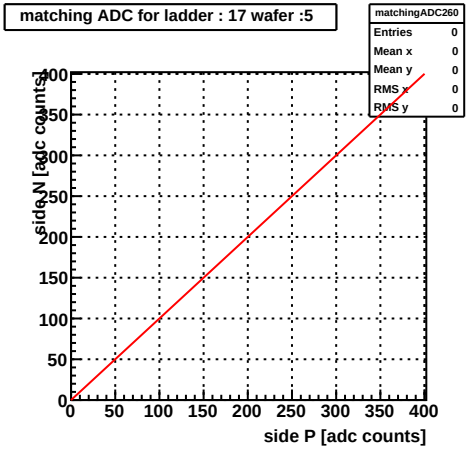

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

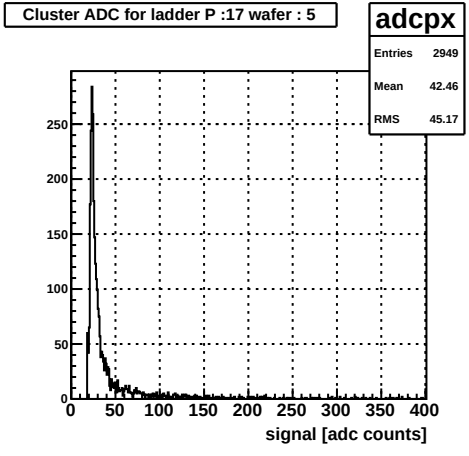

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10170
Mean 26.93
RMS 23.41
signal [adc counts]

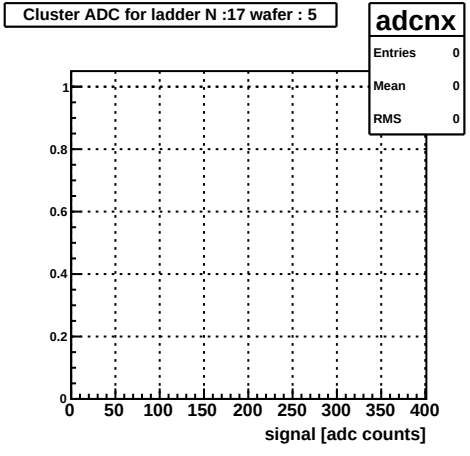

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

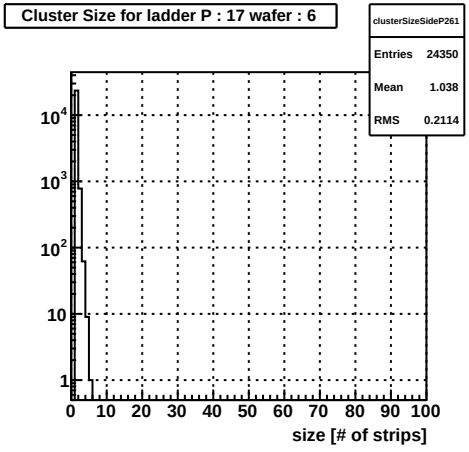

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2949
Mean 1.115
RMS 0.43
size [# of strips]

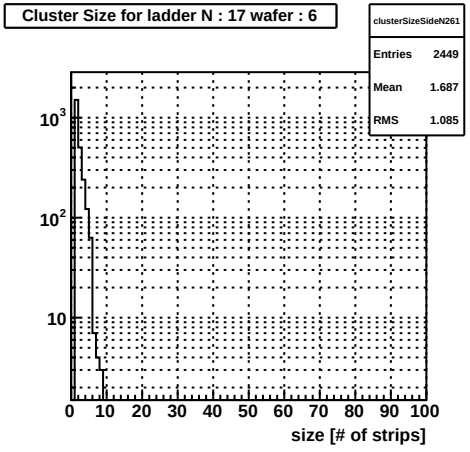

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

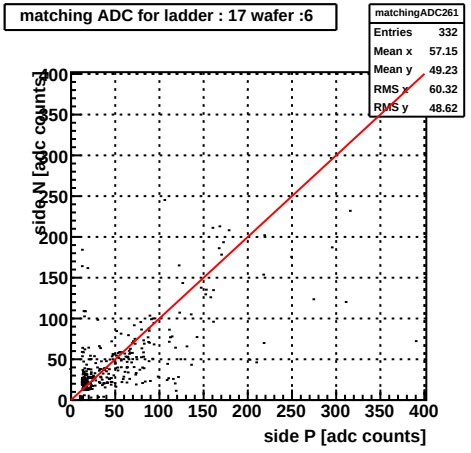

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

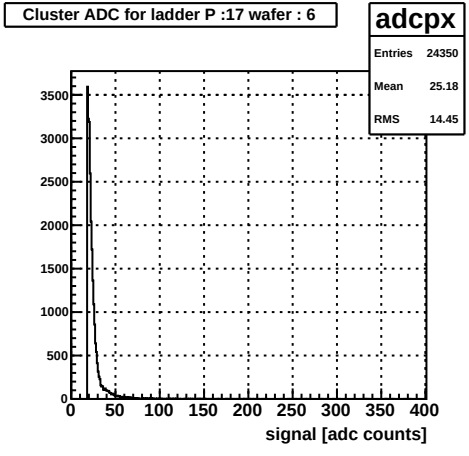

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2949
Mean 42.46
RMS 45.17
signal [adc counts]

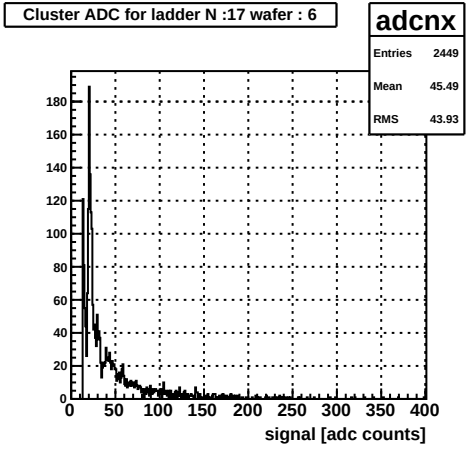

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

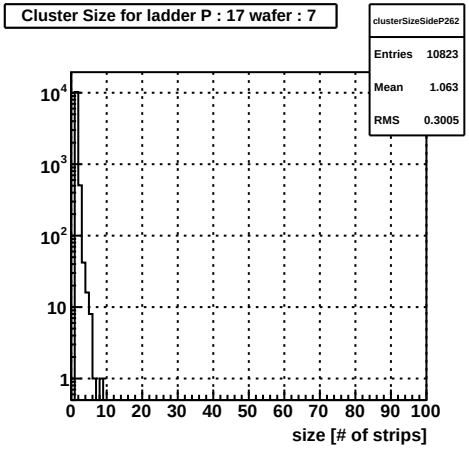

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 24350
Mean 1.038
RMS 0.2114
size [# of strips]

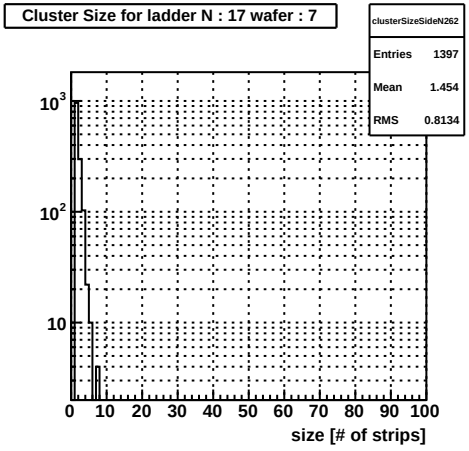

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2449
Mean 1.687
RMS 1.085
size [# of strips]

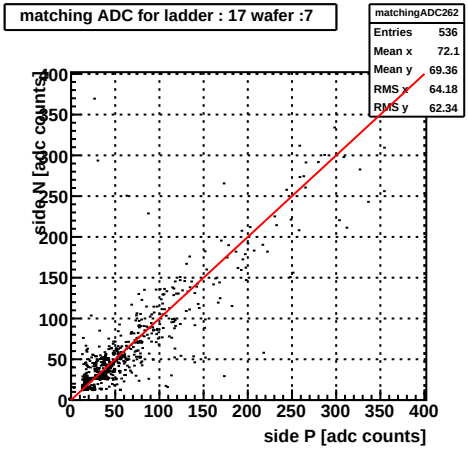

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 332
Mean x 57.15
Mean y 49.23
RMS x 60.32
RMS y 48.62
side N [adc counts]
side P [adc counts]

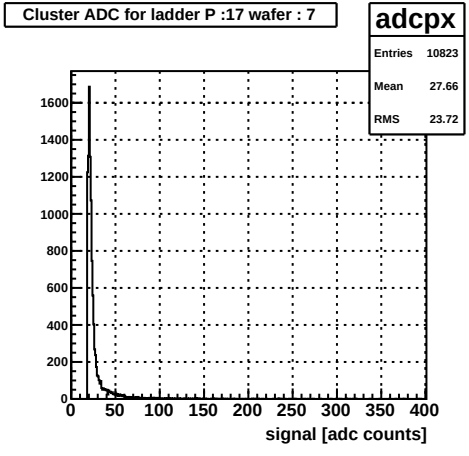

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 24350
Mean 25.18
RMS 14.45
signal [adc counts]

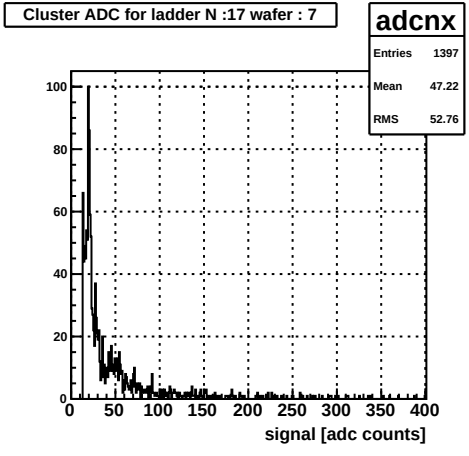

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2449
Mean 45.49
RMS 43.93
signal [adc counts]

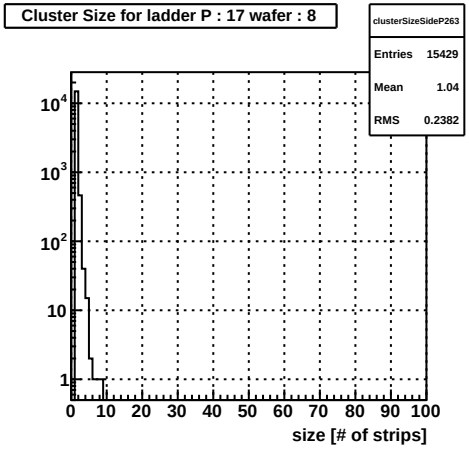

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10823
Mean 1.063
RMS 0.3005
size [# of strips]

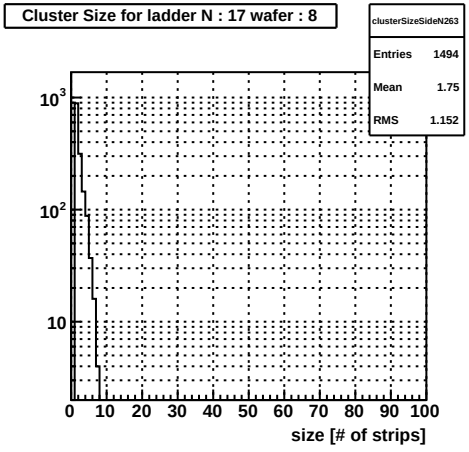

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1397
Mean 1.454
RMS 0.8134
size [# of strips]

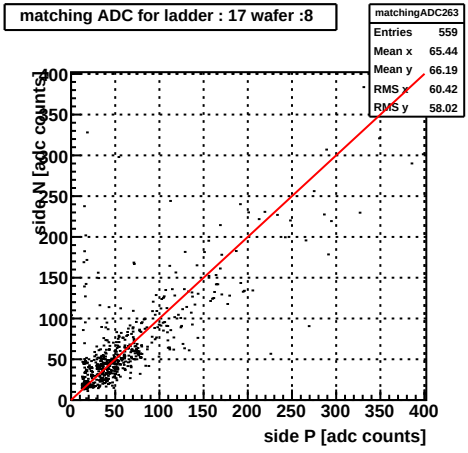

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 536
Mean x 72.1
Mean y 69.36
RMS x 64.18
RMS y 62.34
side N [adc counts]
side P [adc counts]

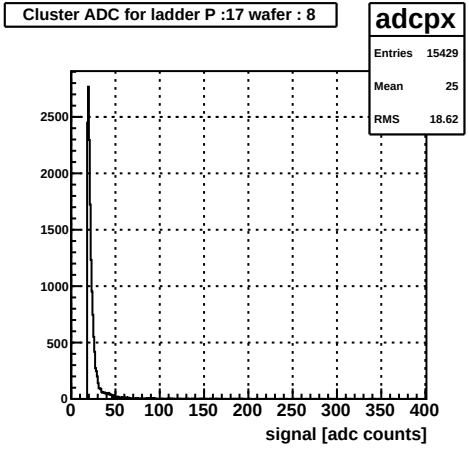

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10823
Mean 27.66
RMS 23.72
signal [adc counts]

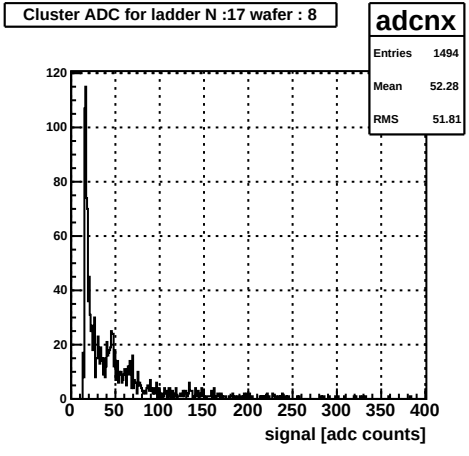

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1397
Mean 47.22
RMS 52.76
signal [adc counts]

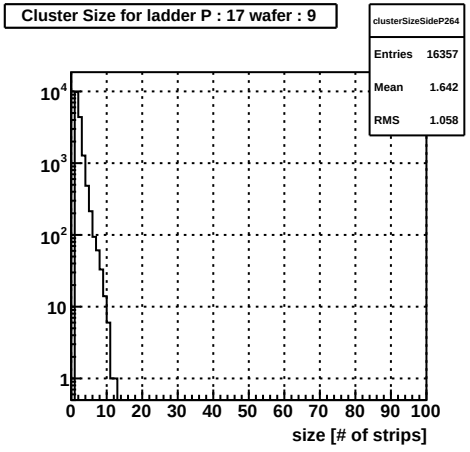

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15429
Mean 1.04
RMS 0.2382
size [# of strips]

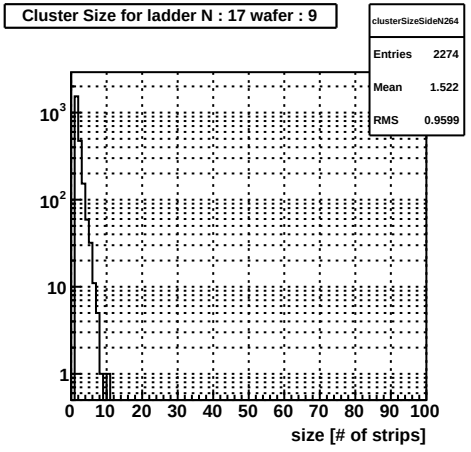

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1494
Mean 1.75
RMS 1.152
size [# of strips]

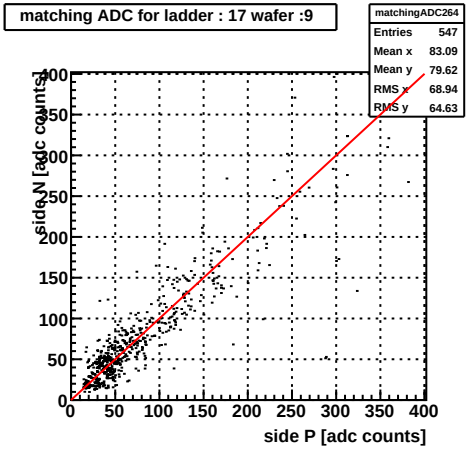

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 559
Mean x 65.44
Mean y 66.19
RMS x 60.42
RMS y 58.02
side N [adc counts]
side P [adc counts]

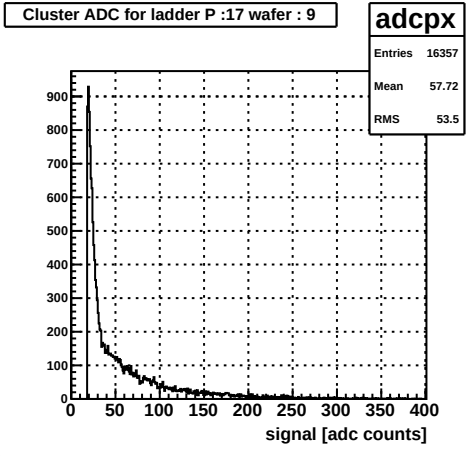

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15429
Mean 25
RMS 18.62
signal [adc counts]

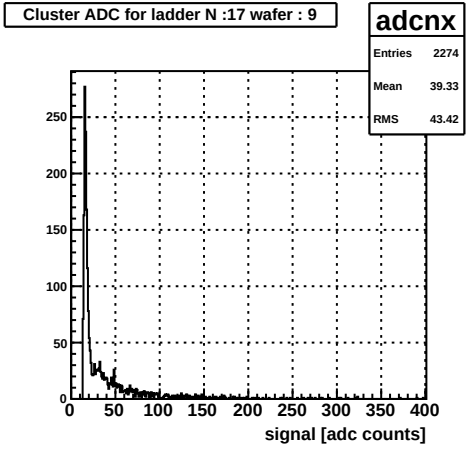

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1494
Mean 52.28
RMS 51.81
signal [adc counts]

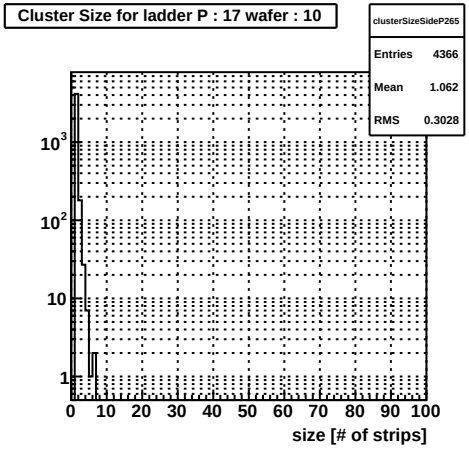

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 16357
Mean 1.642
RMS 1.058
size [# of strips]

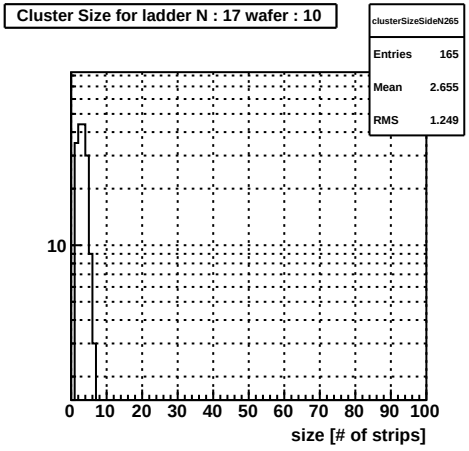

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2274
Mean 1.522
RMS 0.9599
size [# of strips]

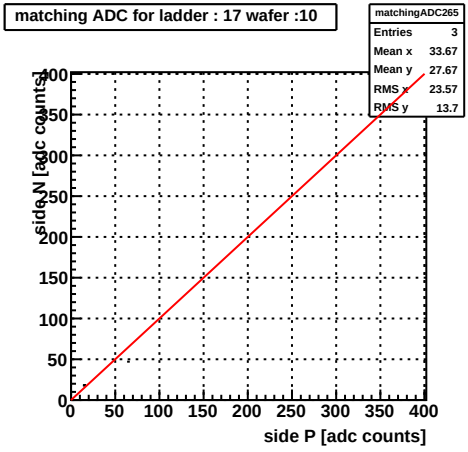

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 547
Mean x 83.09
Mean y 79.62
RMS x 68.94
RMS y 64.63
side N [adc counts]
side P [adc counts]

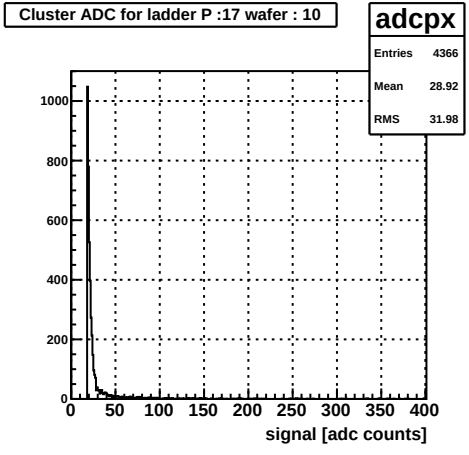

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 16357
Mean 57.72
RMS 53.5
signal [adc counts]

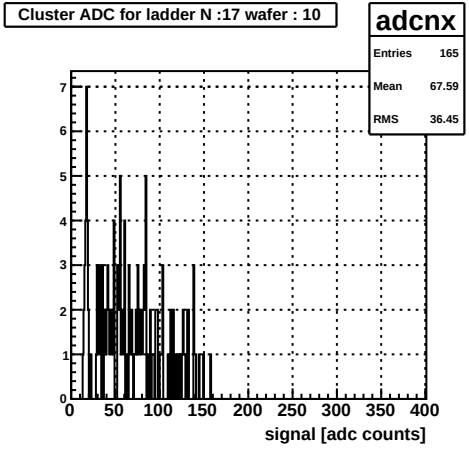

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2274
Mean 39.33
RMS 43.42
signal [adc counts]

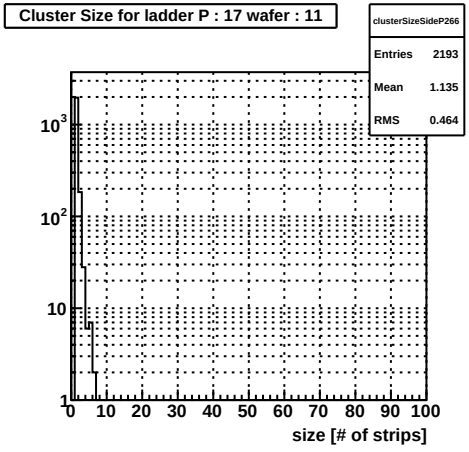

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4366
Mean 1.062
RMS 0.3028
size [# of strips]

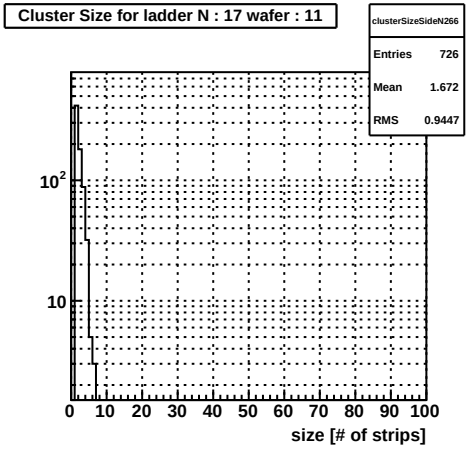

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 165
Mean 2.655
RMS 1.249
size [# of strips]

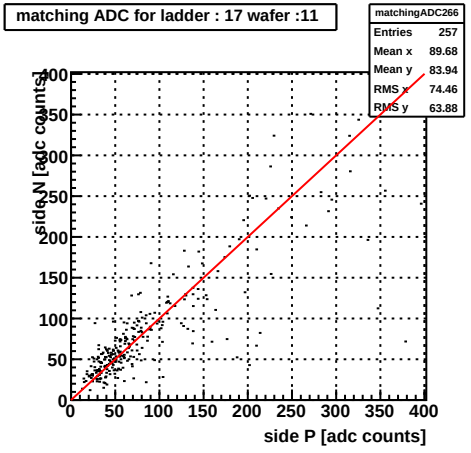

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 33.67
Mean y 27.67
RMS x 23.57
RMS y 13.7
side N [adc counts]
side P [adc counts]

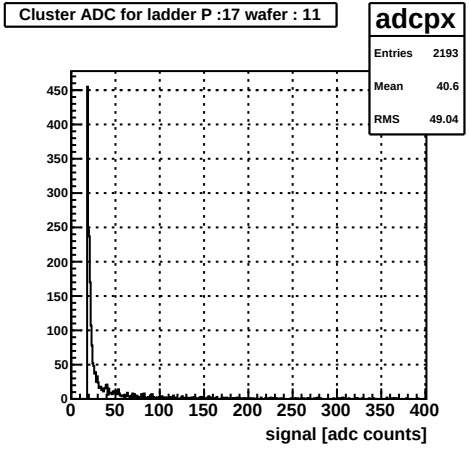

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4366
Mean 28.92
RMS 31.98
signal [adc counts]

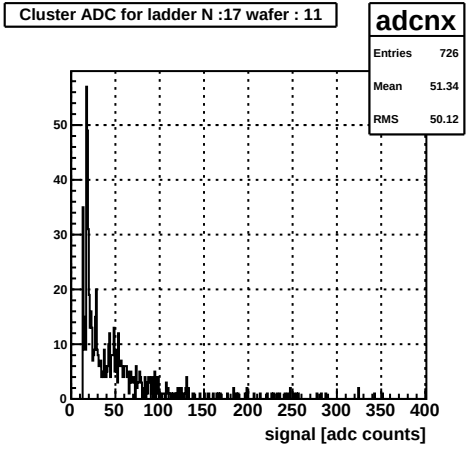

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 165
Mean 67.59
RMS 36.45
signal [adc counts]

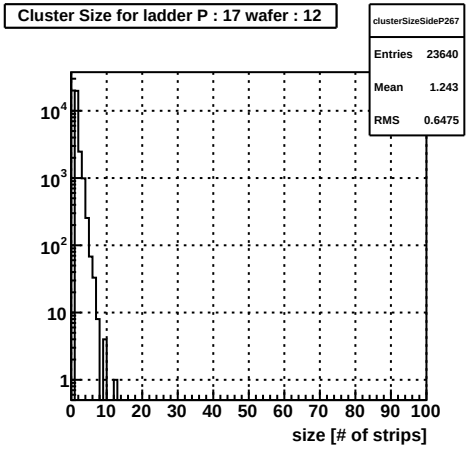

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2193
Mean 1.135
RMS 0.464
size [# of strips]

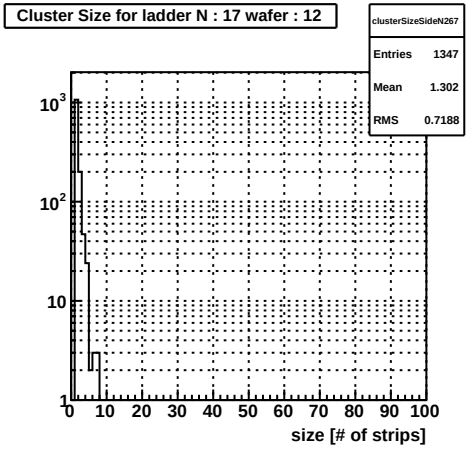

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 726
Mean 1.672
RMS 0.9447
size [# of strips]

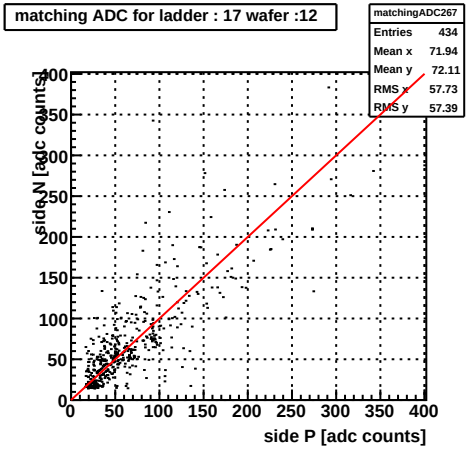

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 257
Mean x 89.68
Mean y 83.94
RMS x 74.46
RMS y 63.88
side N [adc counts]
side P [adc counts]

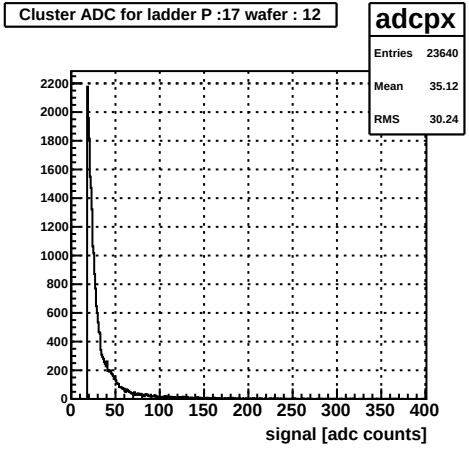

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2193
Mean 40.6
RMS 49.04
signal [adc counts]

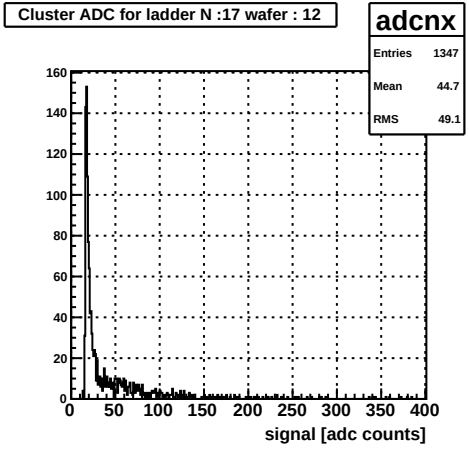

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 726
Mean 51.34
RMS 50.12
signal [adc counts]

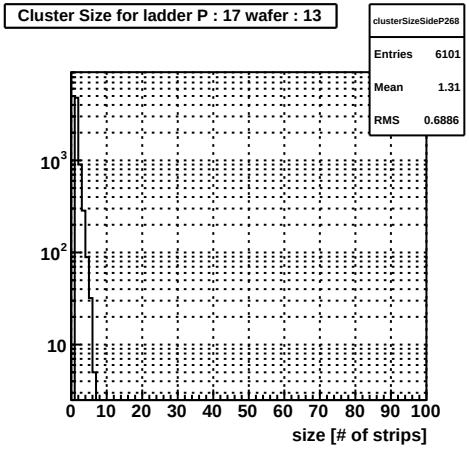

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 23640
Mean 1.243
RMS 0.6475
size [# of strips]

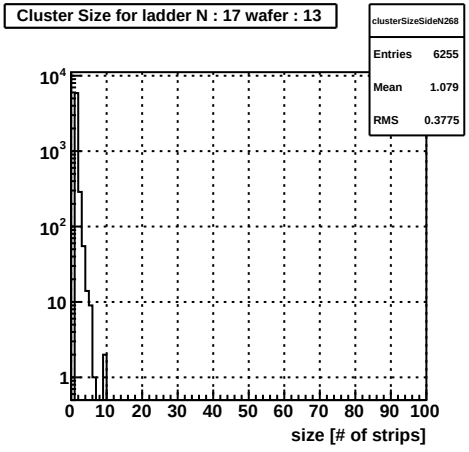

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1347
Mean 1.302
RMS 0.7188
size [# of strips]

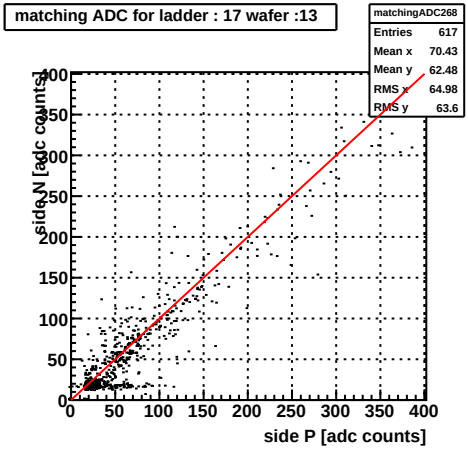

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 434
Mean x 71.94
Mean y 72.11
RMS x 57.73
RMS y 57.39
side N [adc counts]
side P [adc counts]

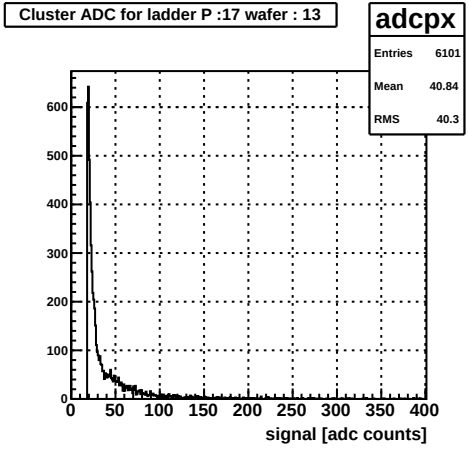

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 23640
Mean 35.12
RMS 30.24
signal [adc counts]

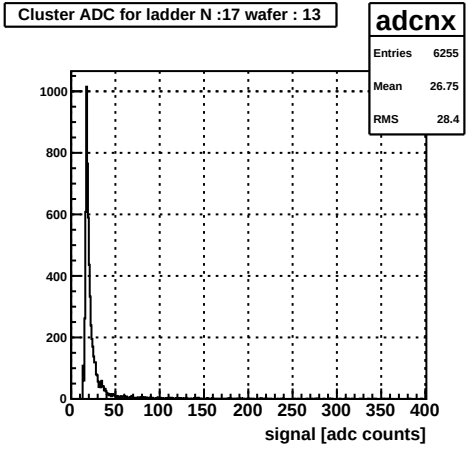

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1347
Mean 44.7
RMS 49.1
signal [adc counts]

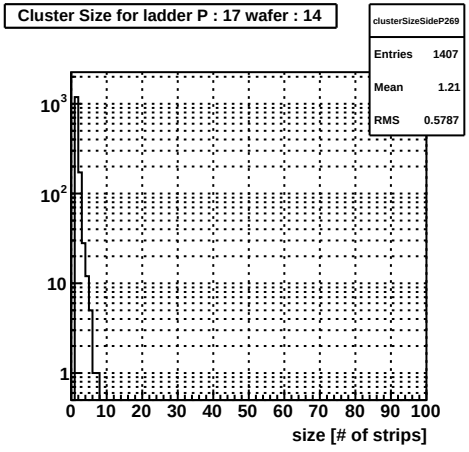

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6101
Mean 1.31
RMS 0.6886
size [# of strips]

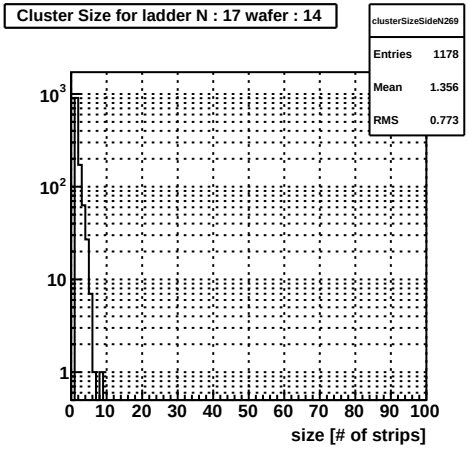

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6255
Mean 1.079
RMS 0.3775
size [# of strips]

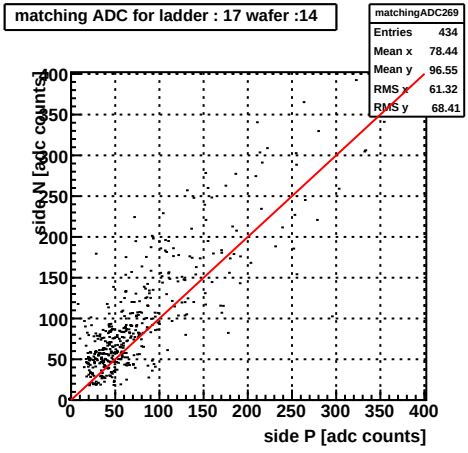

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 617
Mean x 70.43
Mean y 62.48
RMS x 64.98
RMS y 63.6
side N [adc counts]
side P [adc counts]

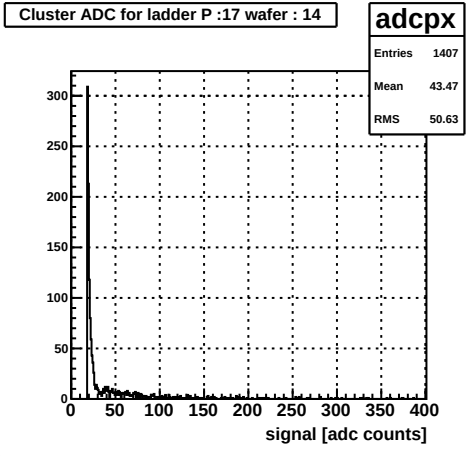

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6101
Mean 40.84
RMS 40.3
signal [adc counts]

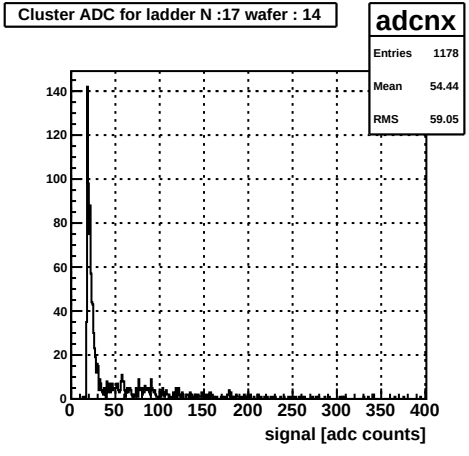

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6255
Mean 26.75
RMS 28.4
signal [adc counts]

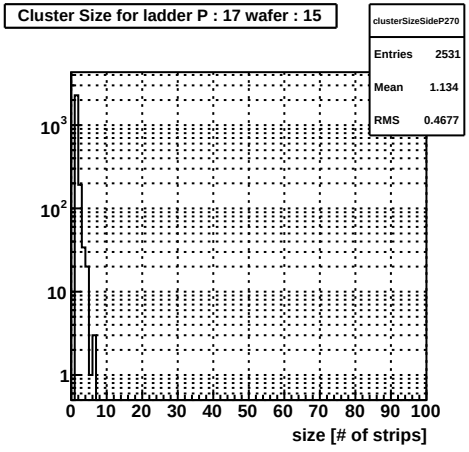

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1407
Mean 1.21
RMS 0.5787
size [# of strips]

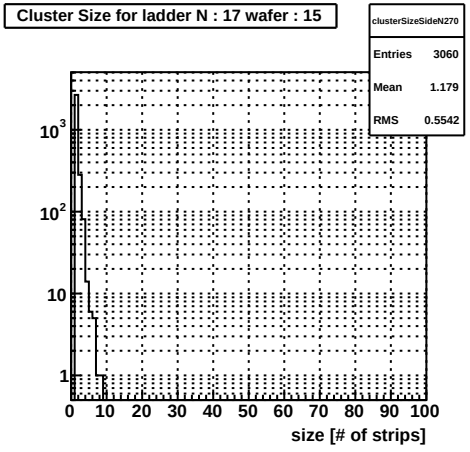

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1178
Mean 1.356
RMS 0.773
size [# of strips]

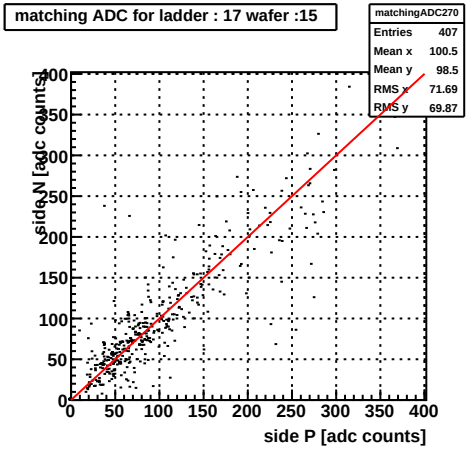

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 434
Mean x 78.44
Mean y 96.55
RMS x 61.32
RMS y 68.41
side N [adc counts]
side P [adc counts]

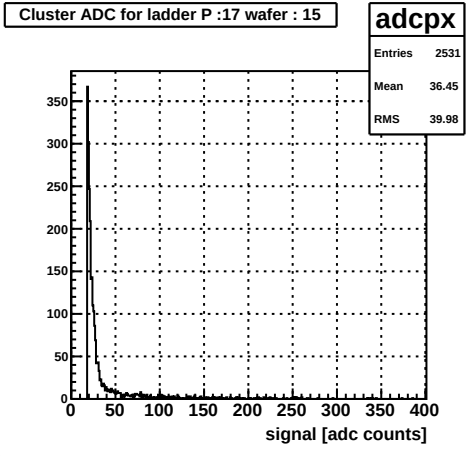

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1407
Mean 43.47
RMS 50.63
signal [adc counts]

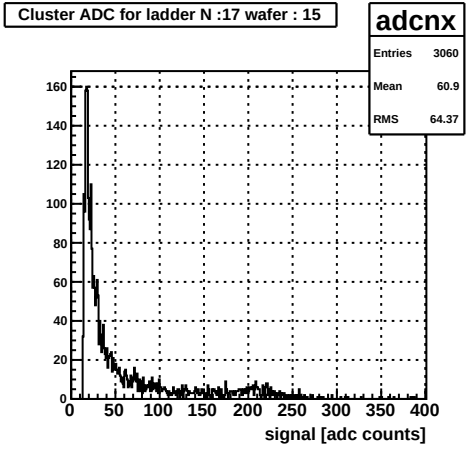

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1178
Mean 54.44
RMS 59.05
signal [adc counts]

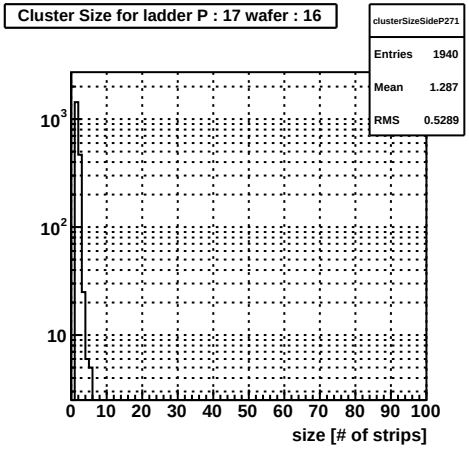

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2531
Mean 1.134
RMS 0.4677
size [# of strips]

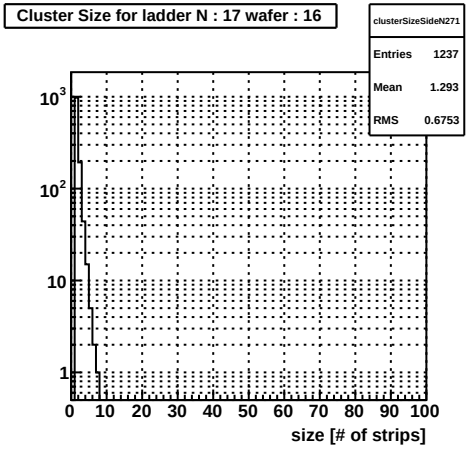

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3060
Mean 1.179
RMS 0.5542
size [# of strips]

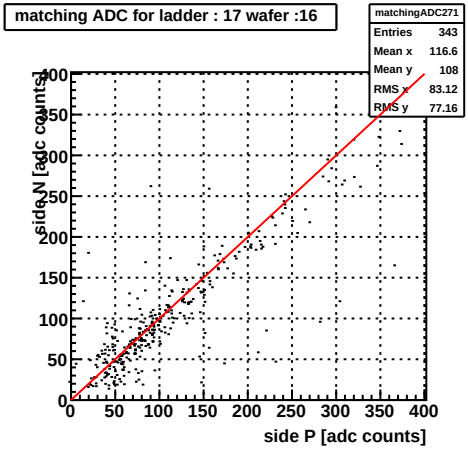

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 407
Mean x 100.5
Mean y 98.5
RMS x 71.69
RMS y 69.87
side N [adc counts]
side P [adc counts]

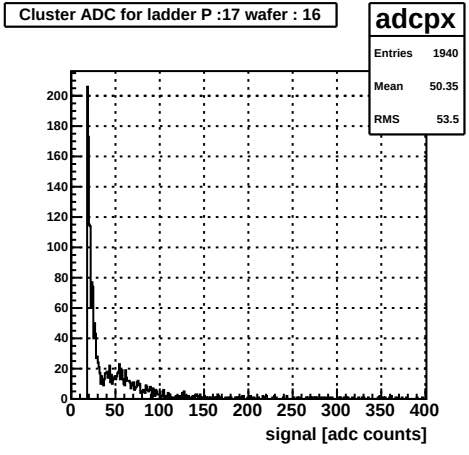

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2531
Mean 36.45
RMS 39.98
signal [adc counts]

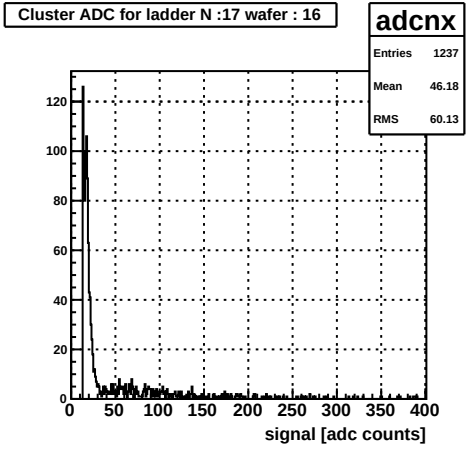

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3060
Mean 60.9
RMS 64.37
signal [adc counts]

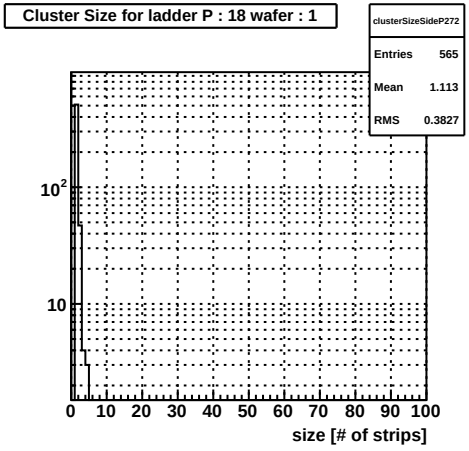

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1940
Mean 1.287
RMS 0.5289
size [# of strips]

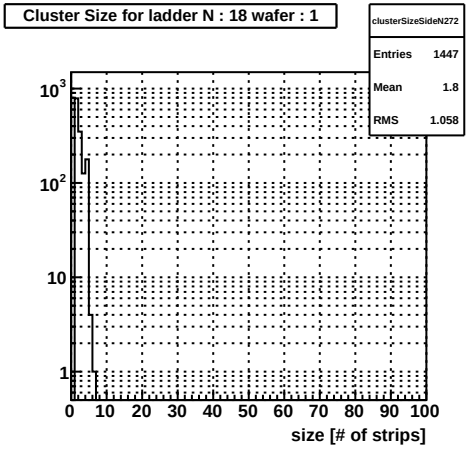

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1237
Mean 1.293
RMS 0.6753
size [# of strips]

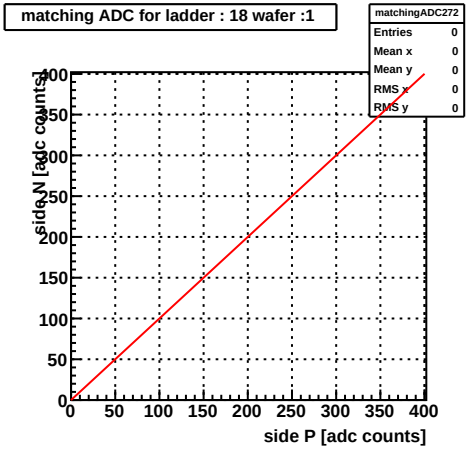

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 343
Mean x 116.6
Mean y 108
RMS x 83.12
RMS y 77.16
side N [adc counts]
side P [adc counts]

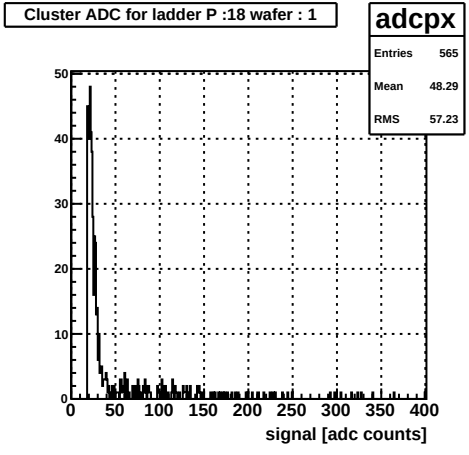

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1940
Mean 50.35
RMS 53.5
signal [adc counts]

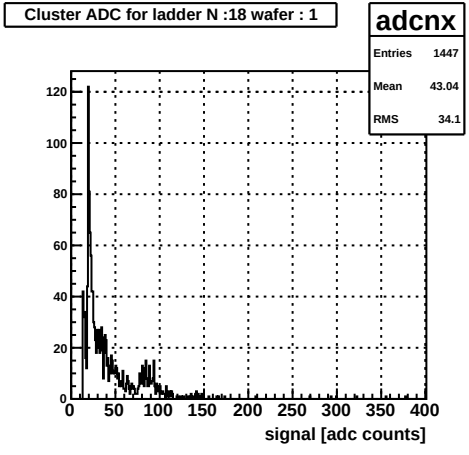

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1237
Mean 46.18
RMS 60.13
signal [adc counts]

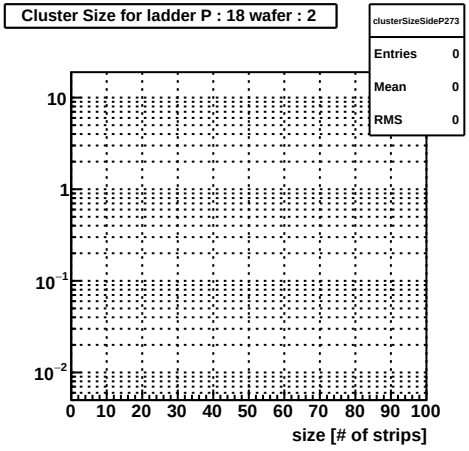

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 565
Mean 1.113
RMS 0.3827
size [# of strips]

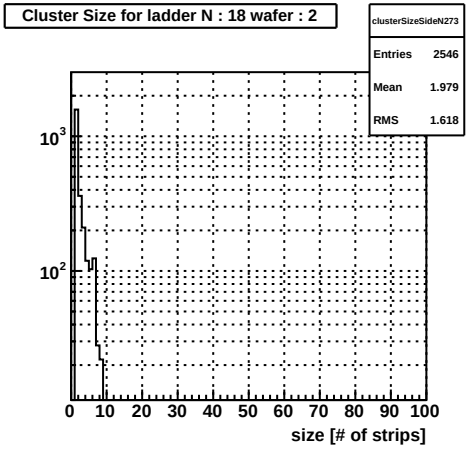

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1447
Mean 1.8
RMS 1.058
size [# of strips]

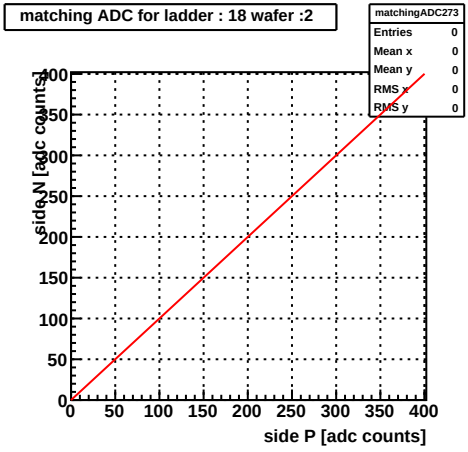

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

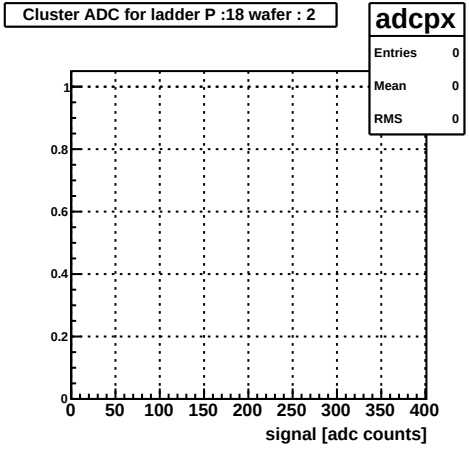

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 565
Mean 48.29
RMS 57.23
signal [adc counts]

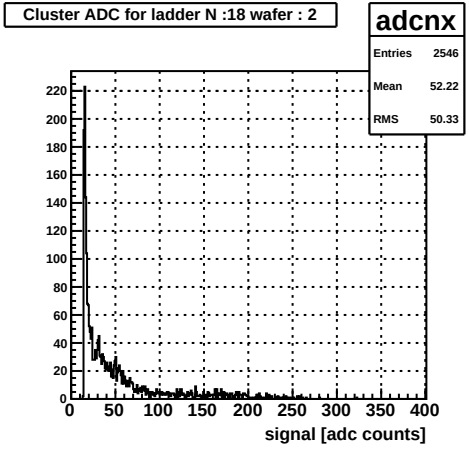

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1447
Mean 43.04
RMS 34.1
signal [adc counts]

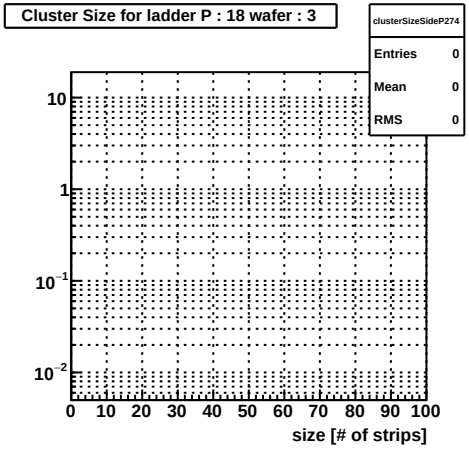

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

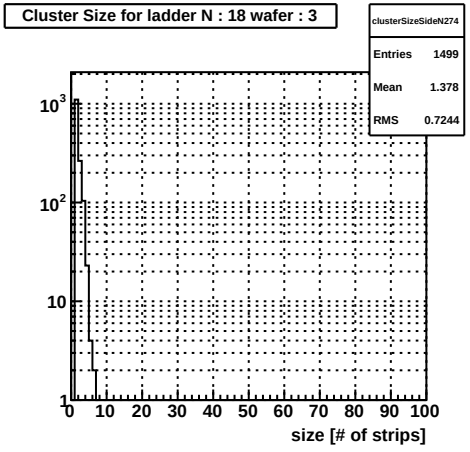

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2546
Mean 1.979
RMS 1.618
size [# of strips]

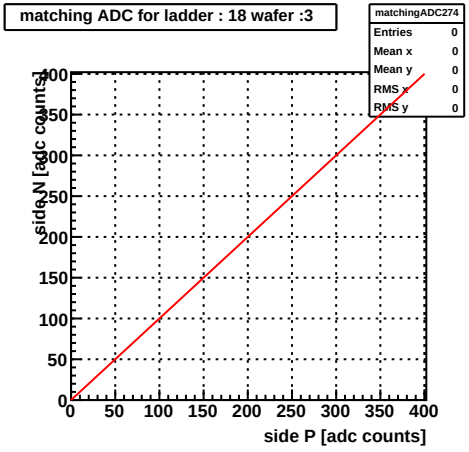

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

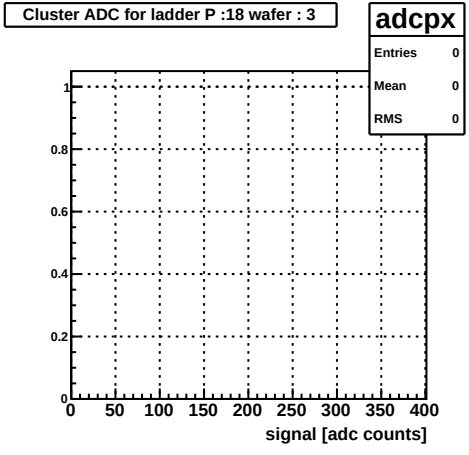

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

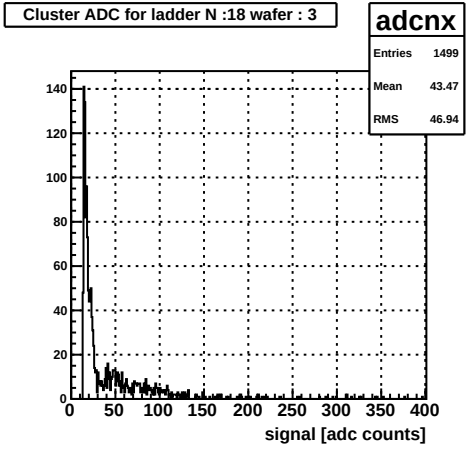

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2546
Mean 52.22
RMS 50.33
signal [adc counts]

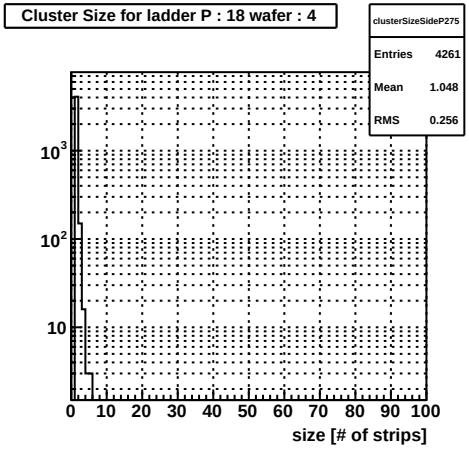

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

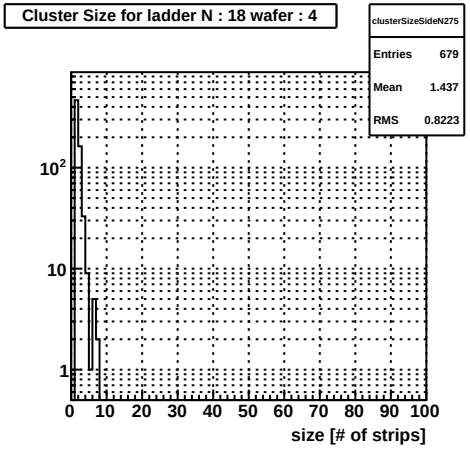

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1499
Mean 1.378
RMS 0.7244
size [# of strips]

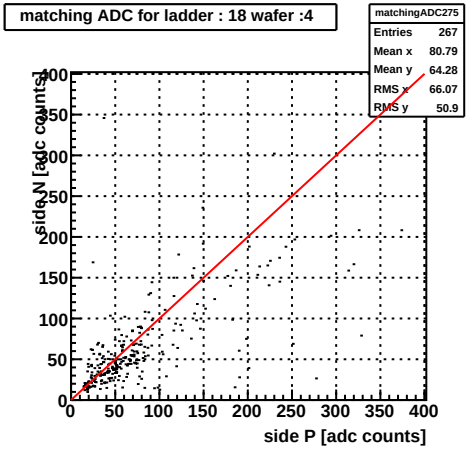

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

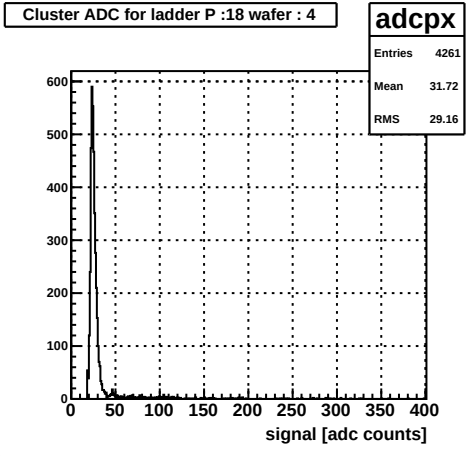

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

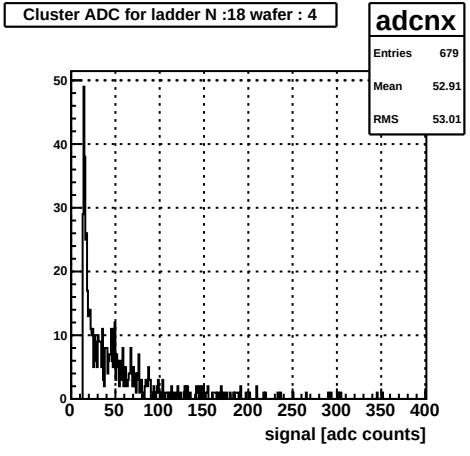

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1499
Mean 43.47
RMS 46.94
signal [adc counts]

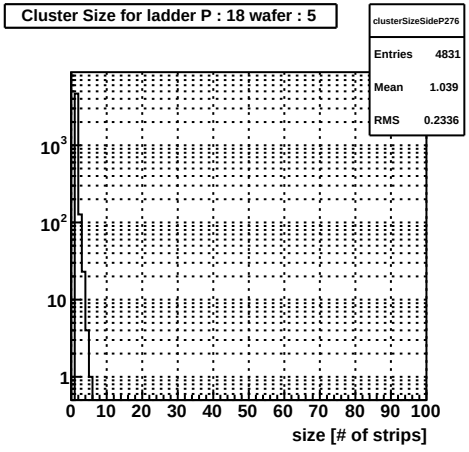

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4261
Mean 1.048
RMS 0.256
size [# of strips]

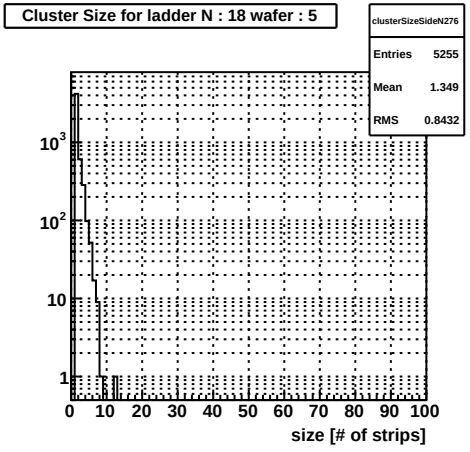

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 679
Mean 1.437
RMS 0.8223
size [# of strips]

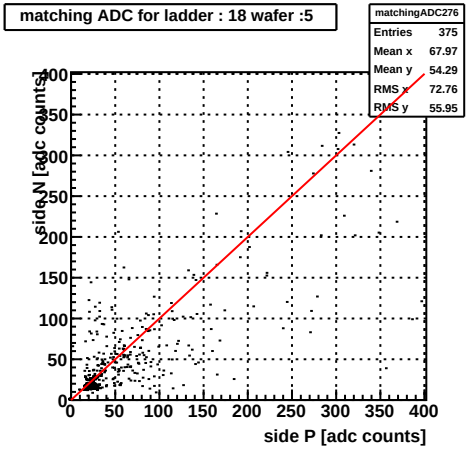

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 267
Mean x 80.79
Mean y 64.28
RMS x 66.07
RMS y 50.9
side N [adc counts]
side P [adc counts]

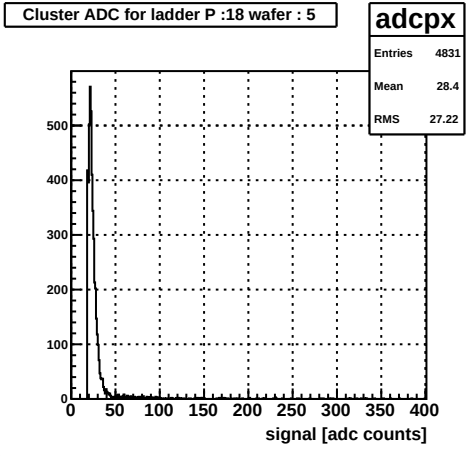

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4261
Mean 31.72
RMS 29.16
signal [adc counts]

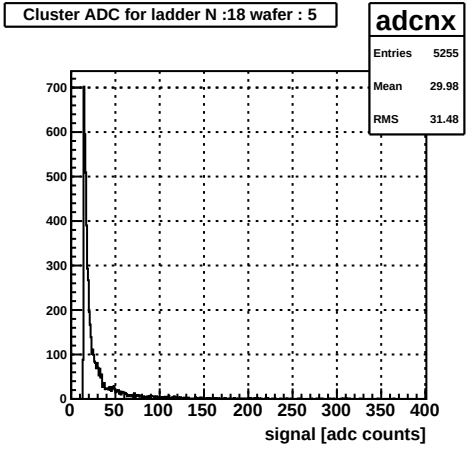

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 679
Mean 52.91
RMS 53.01
signal [adc counts]

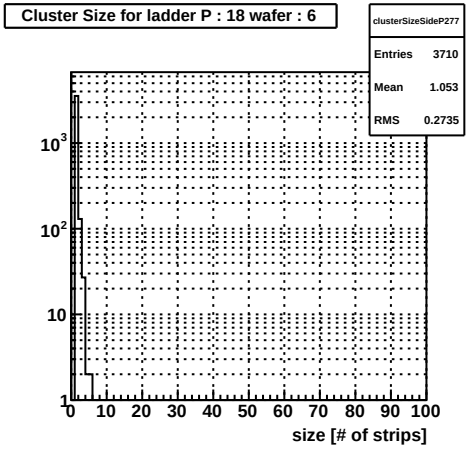

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4831
Mean 1.039
RMS 0.2336
size [# of strips]

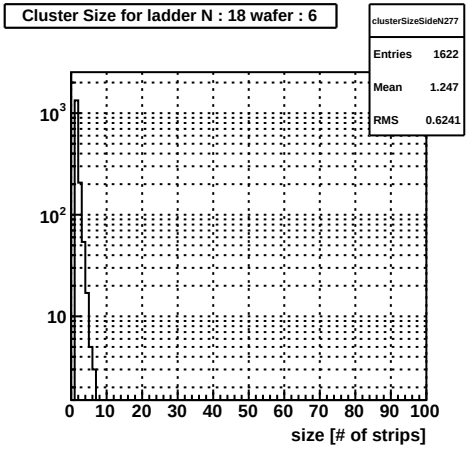

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5255
Mean 1.349
RMS 0.8432
size [# of strips]

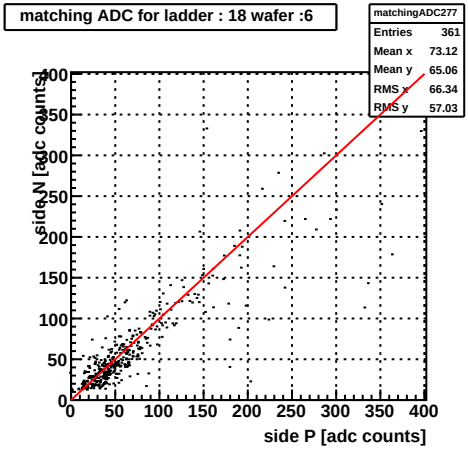

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 375
Mean x 67.97
Mean y 54.29
RMS x 72.76
RMS y 55.95
side N [adc counts]
side P [adc counts]

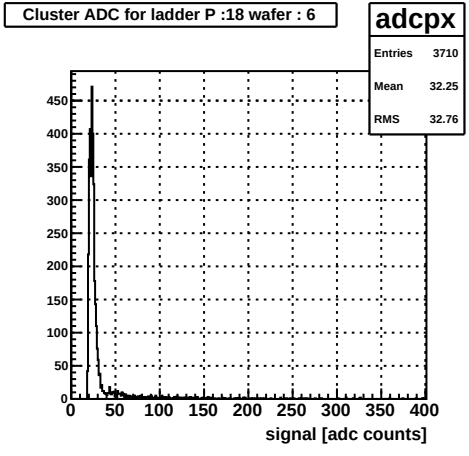

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4831
Mean 28.4
RMS 27.22
signal [adc counts]

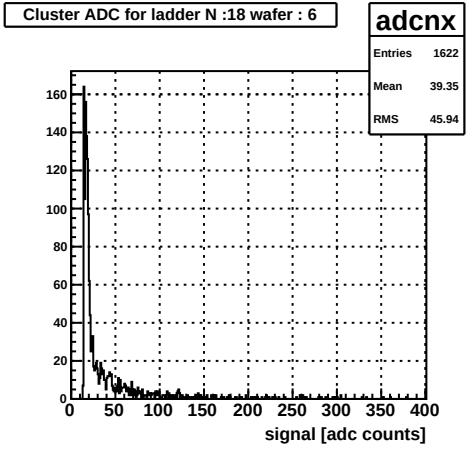

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5255
Mean 29.98
RMS 31.48
signal [adc counts]

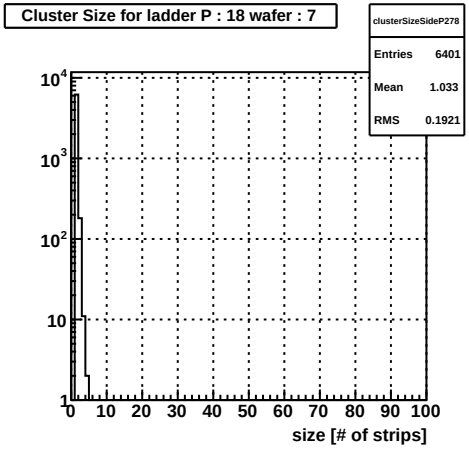

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3710
Mean 1.053
RMS 0.2735
size [# of strips]

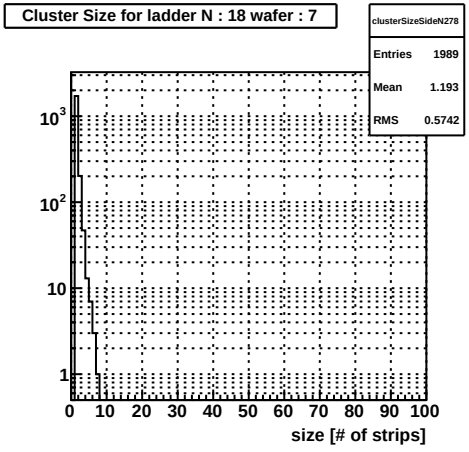

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1622
Mean 1.247
RMS 0.6241
size [# of strips]

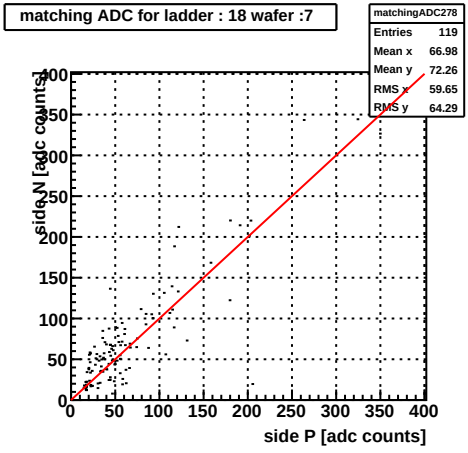

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 361
Mean x 73.12
Mean y 65.06
RMS x 66.34
RMS y 57.03
side N [adc counts]
side P [adc counts]

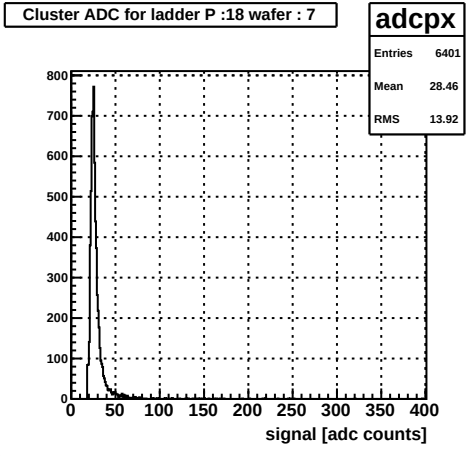

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3710
Mean 32.25
RMS 32.76
signal [adc counts]

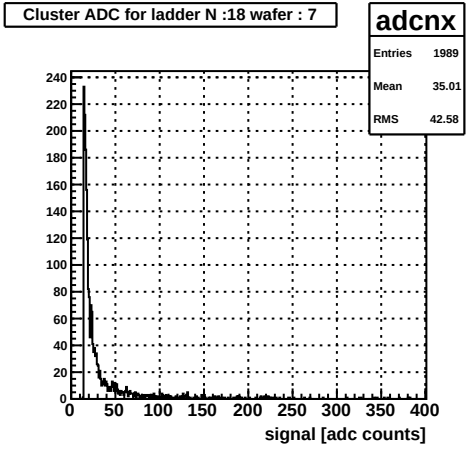

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1622
Mean 39.35
RMS 45.94
signal [adc counts]

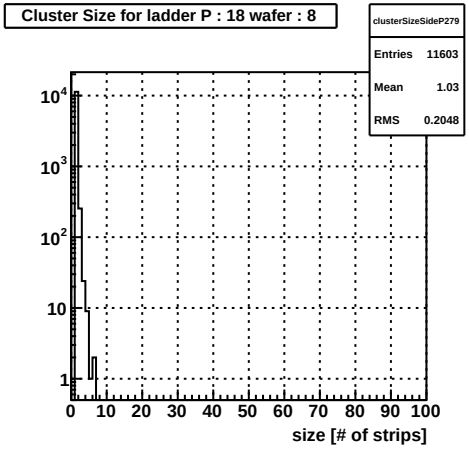

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6401
Mean 1.033
RMS 0.1921
size [# of strips]

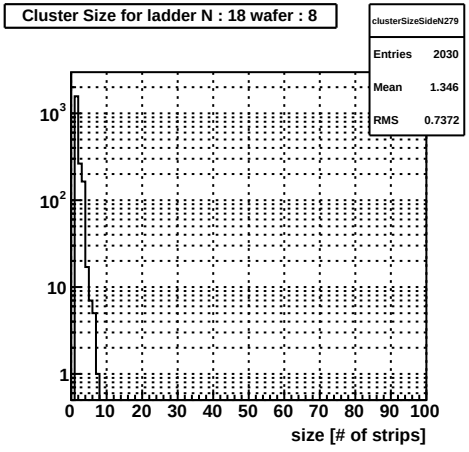

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1989
Mean 1.193
RMS 0.5742
size [# of strips]

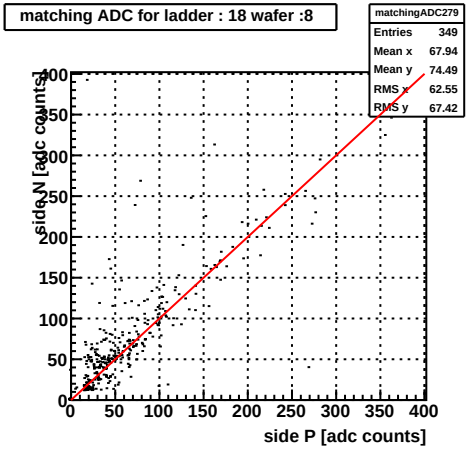

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 119
Mean x 66.98
Mean y 72.26
RMS x 59.65
RMS y 64.29
side N [adc counts]
side P [adc counts]

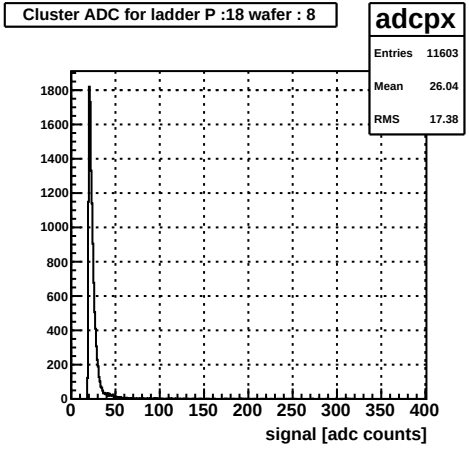

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6401
Mean 28.46
RMS 13.92
signal [adc counts]

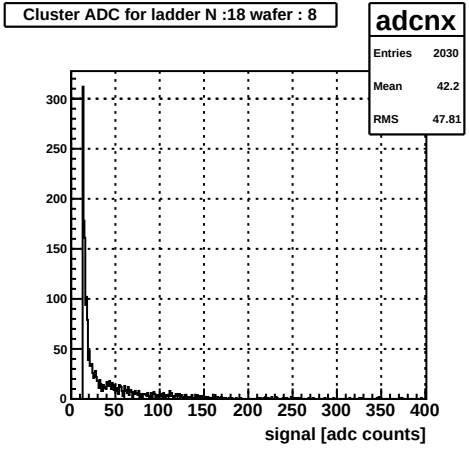

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1989
Mean 35.01
RMS 42.58
signal [adc counts]

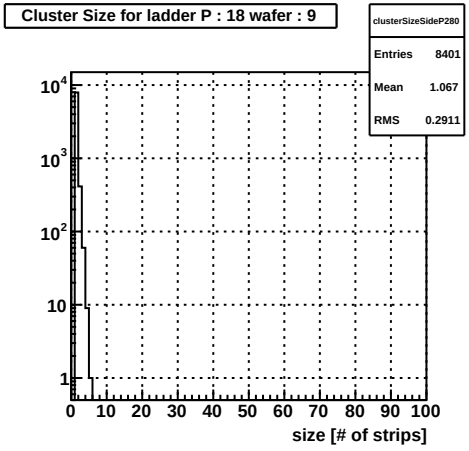

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11603
Mean 1.03
RMS 0.2048
size [# of strips]

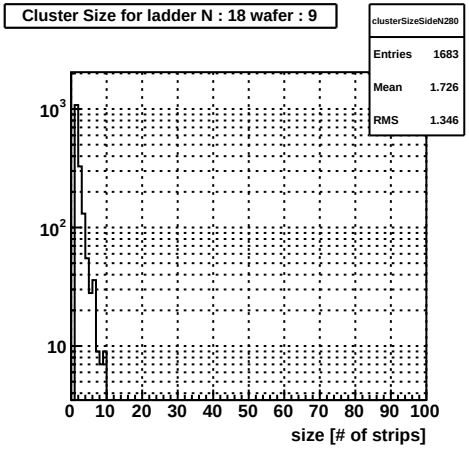

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2030
Mean 1.346
RMS 0.7372
size [# of strips]

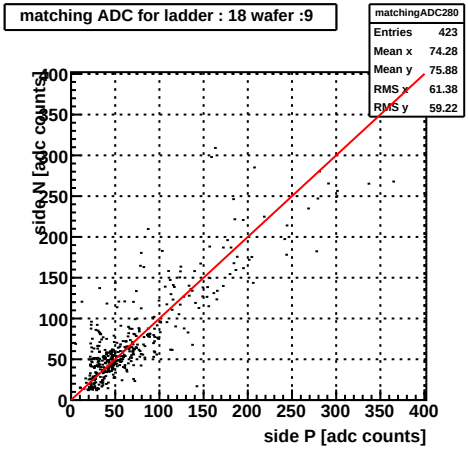

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 349
Mean x 67.94
Mean y 74.49
RMS x 62.55
RMS y 67.42
side N [adc counts]
side P [adc counts]

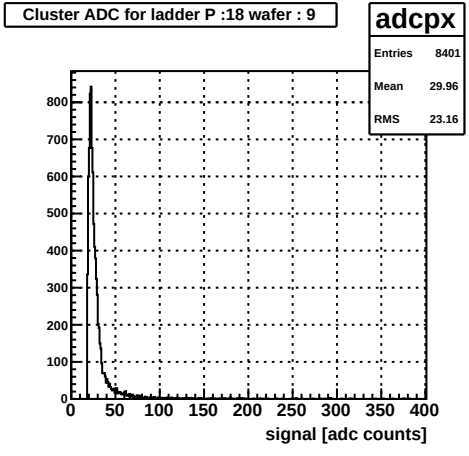

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11603
Mean 26.04
RMS 17.38
signal [adc counts]

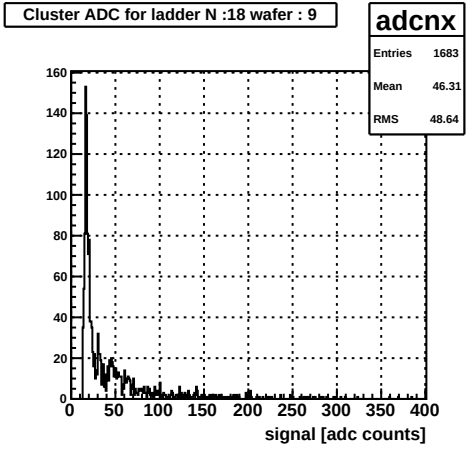

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2030
Mean 42.2
RMS 47.81
signal [adc counts]

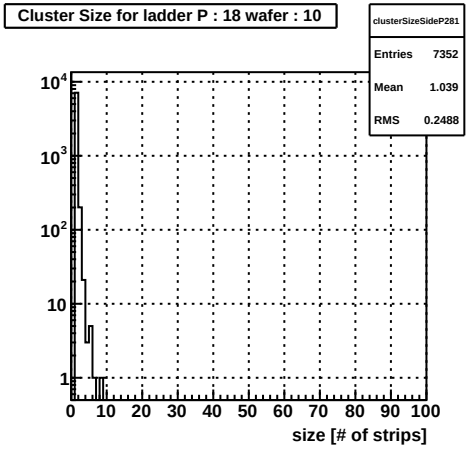

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 8401
Mean 1.067
RMS 0.2911
size [# of strips]

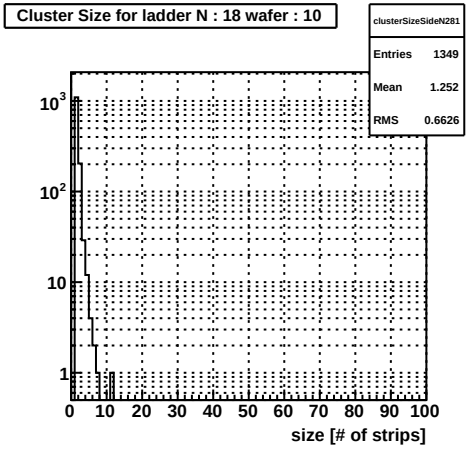

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1683
Mean 1.726
RMS 1.346
size [# of strips]

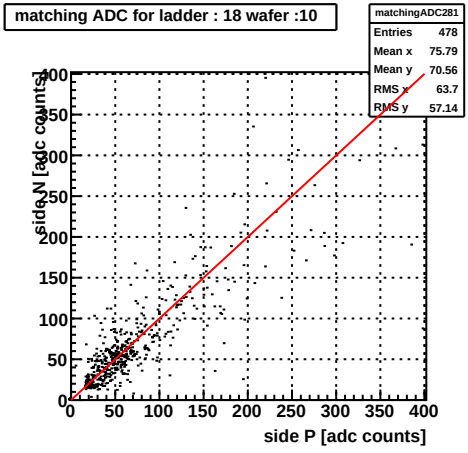

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 423
Mean x 74.28
Mean y 75.88
RMS x 61.38
RMS y 59.22
side N [adc counts]
side P [adc counts]

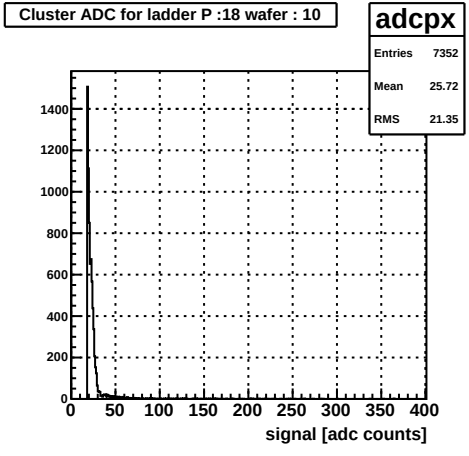

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 8401
Mean 29.96
RMS 23.16
signal [adc counts]

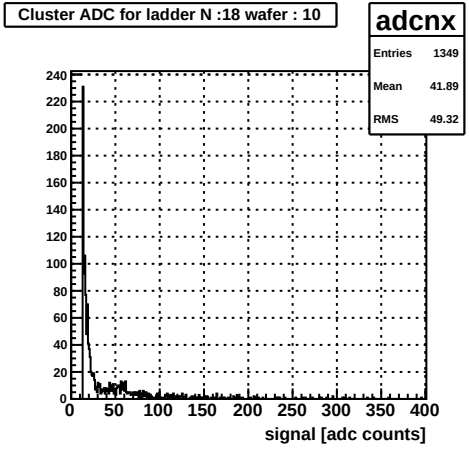

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1683
Mean 46.31
RMS 48.64
signal [adc counts]

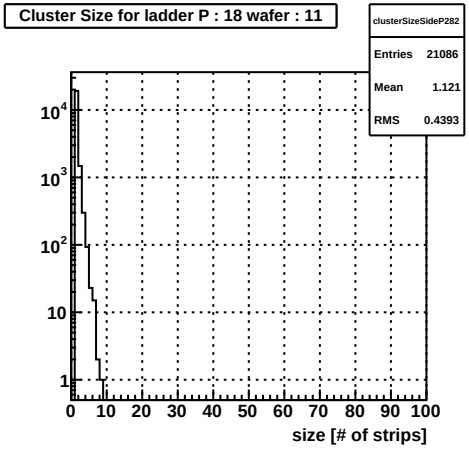

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7352
Mean 1.039
RMS 0.2488
size [# of strips]

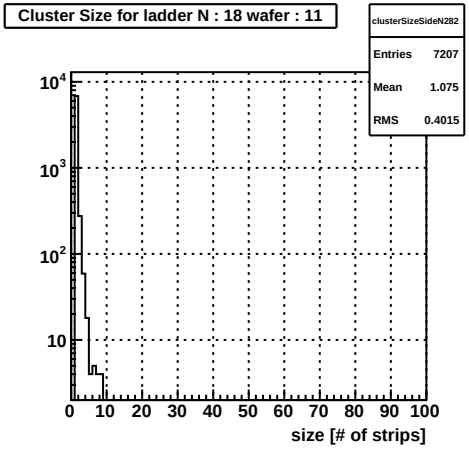

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1349
Mean 1.252
RMS 0.6626
size [# of strips]

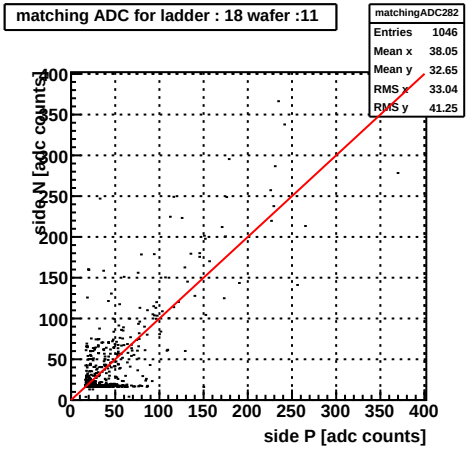

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 478
Mean x 75.79
Mean y 70.56
RMS x 63.7
RMS y 57.14
side N [adc counts]
side P [adc counts]

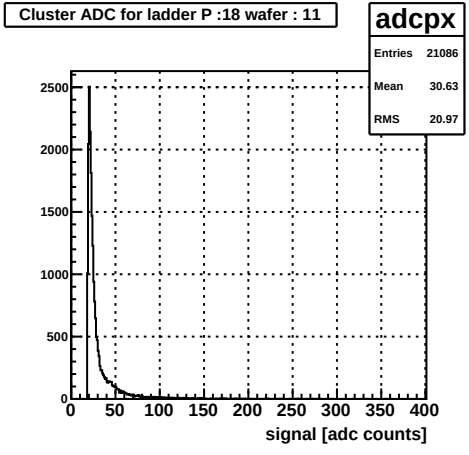

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7352
Mean 25.72
RMS 21.35
signal [adc counts]

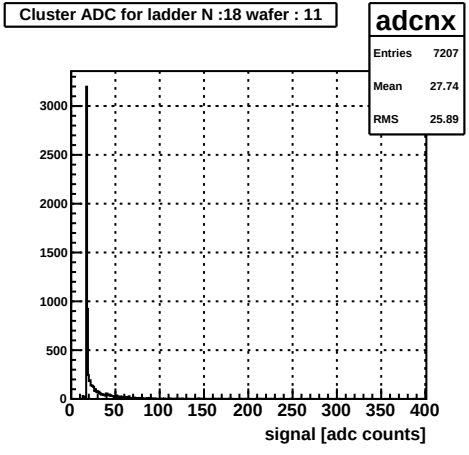

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1349
Mean 41.89
RMS 49.32
signal [adc counts]

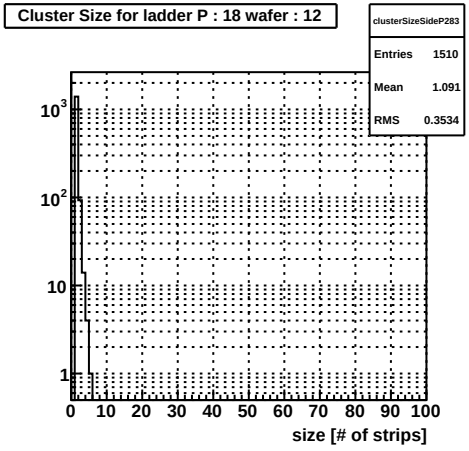

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 21086
Mean 1.121
RMS 0.4393
size [# of strips]

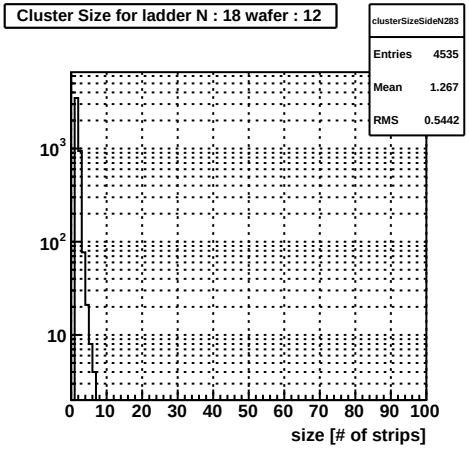

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7207
Mean 1.075
RMS 0.4015
size [# of strips]

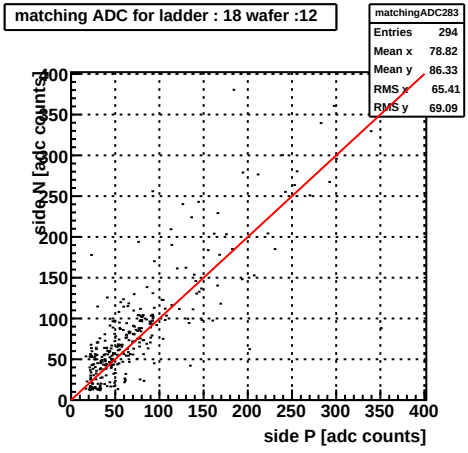

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1046
Mean x 38.05
Mean y 32.65
RMS x 33.04
RMS y 41.25
side N [adc counts]
side P [adc counts]

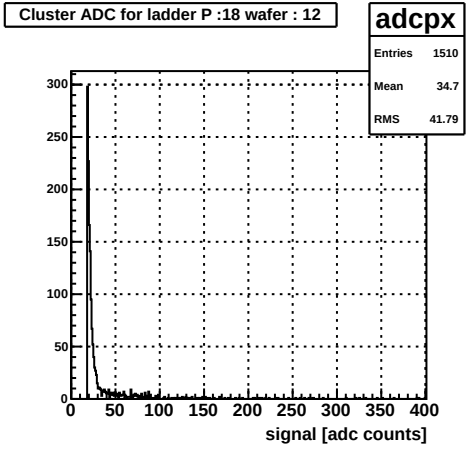

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 21086
Mean 30.63
RMS 20.97
signal [adc counts]

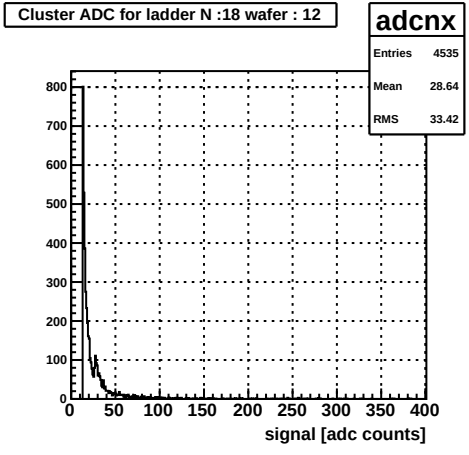

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7207
Mean 27.74
RMS 25.89
signal [adc counts]

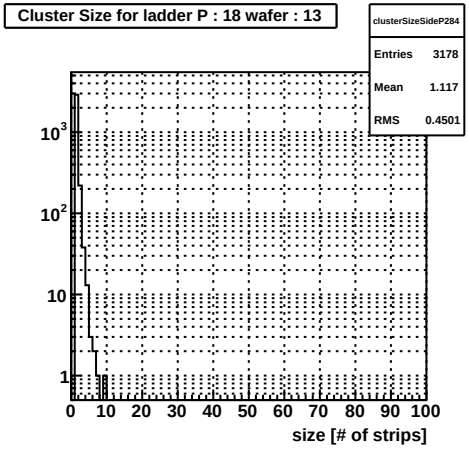

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1510
Mean 1.091
RMS 0.3534
size [# of strips]

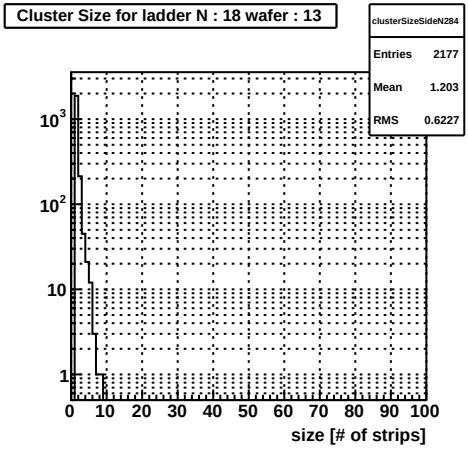

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4535
Mean 1.267
RMS 0.5442
size [# of strips]

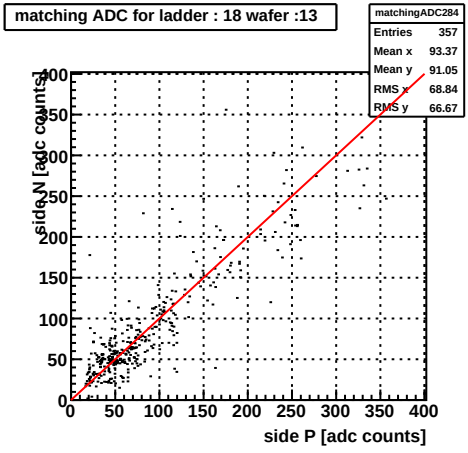

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 294
Mean x 78.82
Mean y 86.33
RMS x 65.41
RMS y 69.09
side N [adc counts]
side P [adc counts]

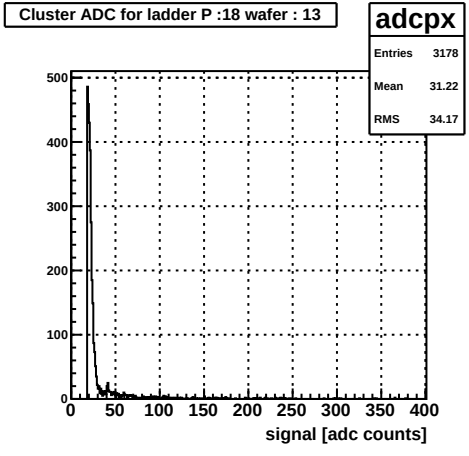

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1510
Mean 34.7
RMS 41.79
signal [adc counts]

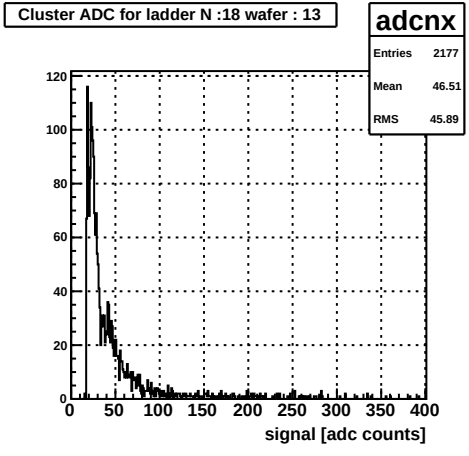

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4535
Mean 28.64
RMS 33.42
signal [adc counts]

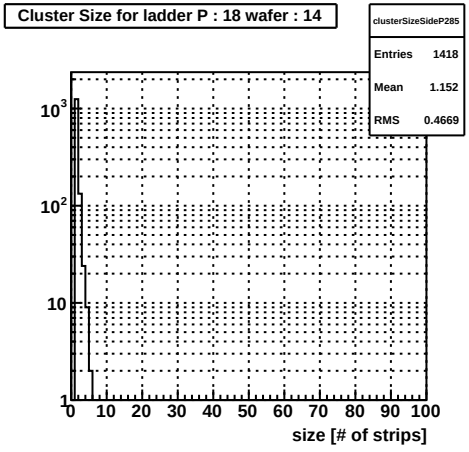

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3178
Mean 1.117
RMS 0.4501
size [# of strips]

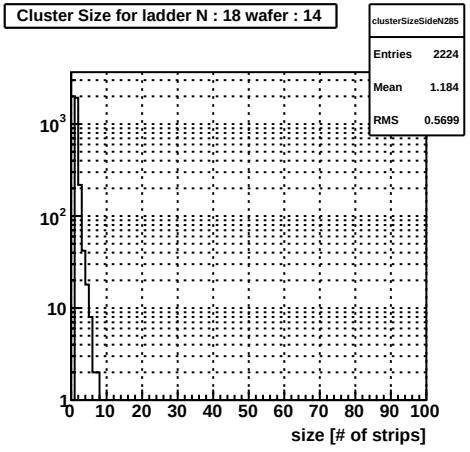

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2177
Mean 1.203
RMS 0.6227
size [# of strips]

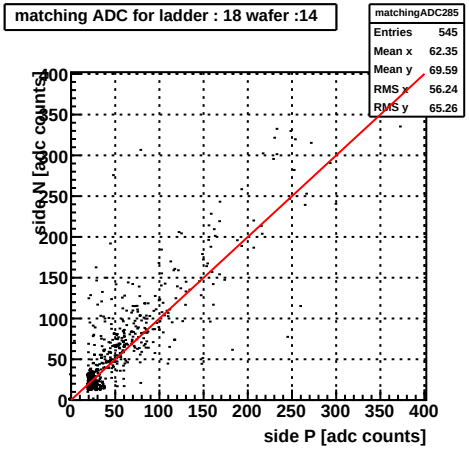

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 357
Mean x 93.37
Mean y 91.05
RMS x 68.84
RMS y 66.67
side N [adc counts]
side P [adc counts]

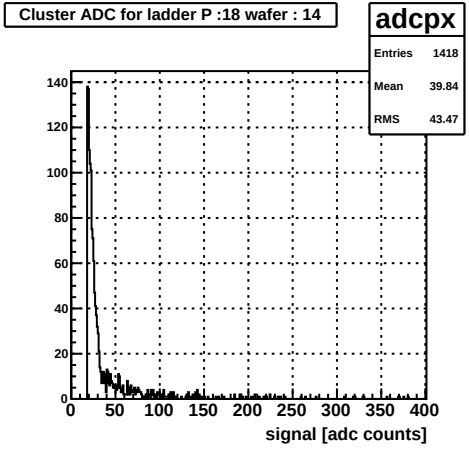

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3178
Mean 31.22
RMS 34.17
signal [adc counts]

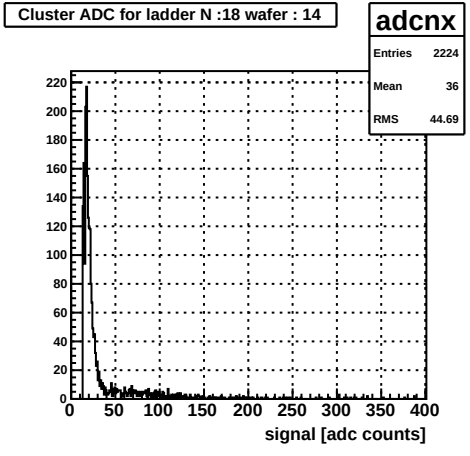

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2177
Mean 46.51
RMS 45.89
signal [adc counts]

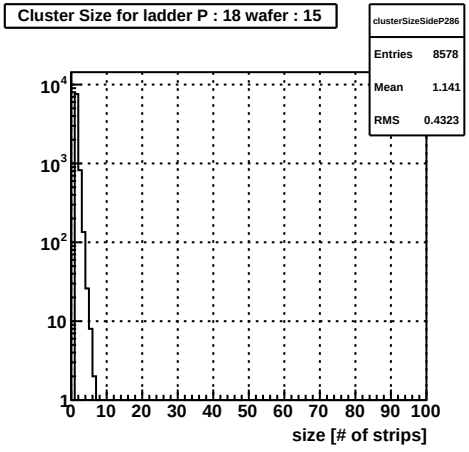

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1418
Mean 1.152
RMS 0.4669
size [# of strips]

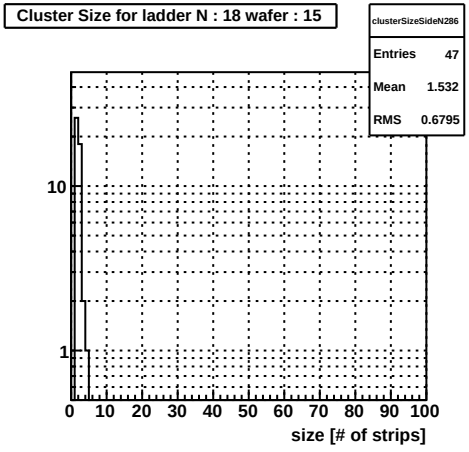

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2224
Mean 1.184
RMS 0.5699
size [# of strips]

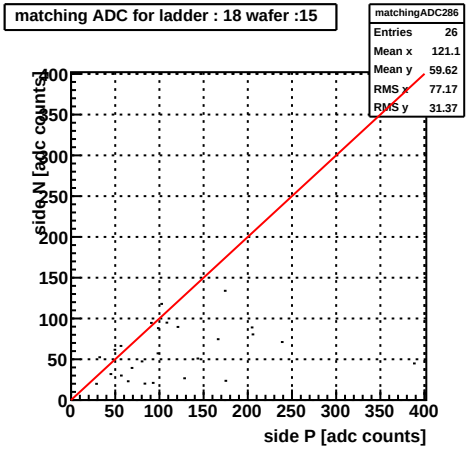

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 545
Mean x 62.35
Mean y 69.59
RMS x 56.24
RMS y 65.26
side N [adc counts]
side P [adc counts]

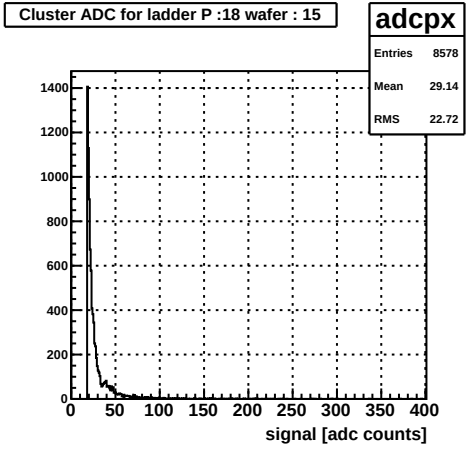

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1418
Mean 39.84
RMS 43.47
signal [adc counts]

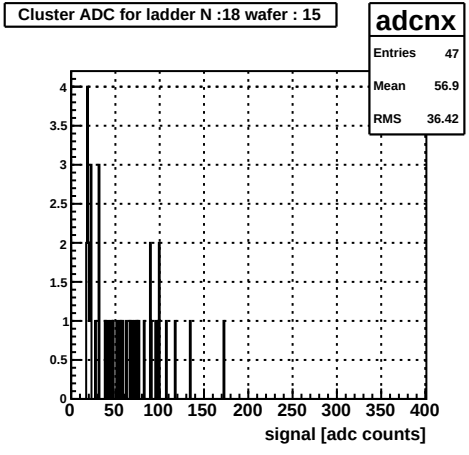

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2224
Mean 36
RMS 44.69
signal [adc counts]

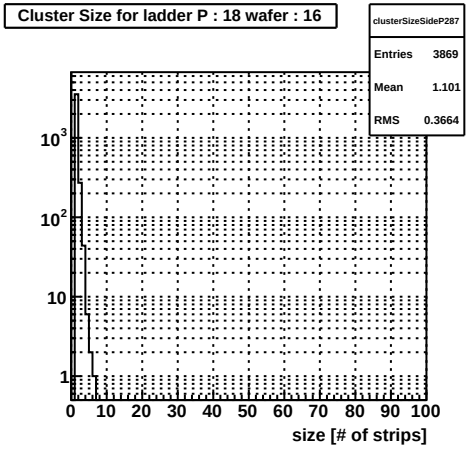

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8578
Mean 1.141
RMS 0.4323
size [# of strips]

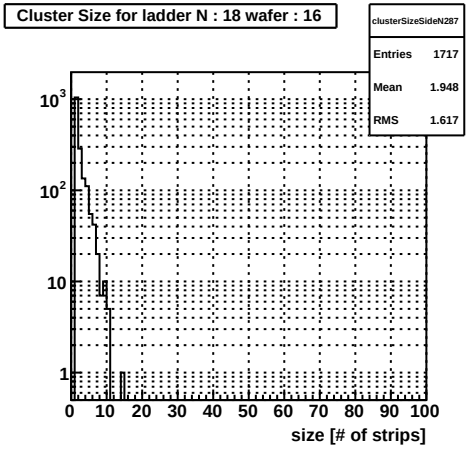

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 47
Mean 1.532
RMS 0.6795
size [# of strips]

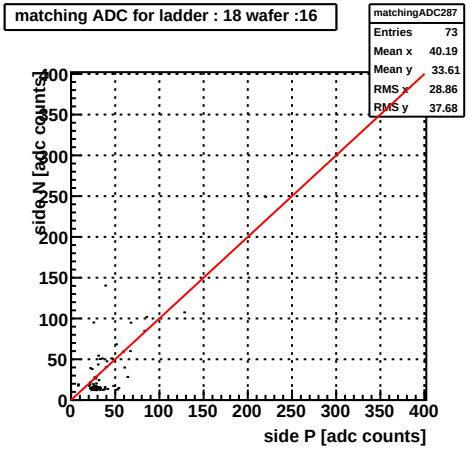

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 26
Mean x 121.1
Mean y 59.62
RMS x 77.17
RMS y 31.37
side N [adc counts]
side P [adc counts]

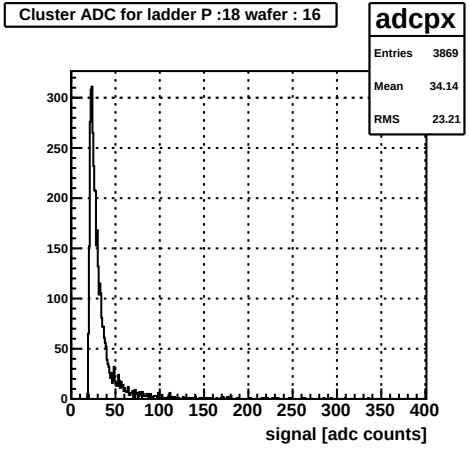

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8578
Mean 29.14
RMS 22.72
signal [adc counts]

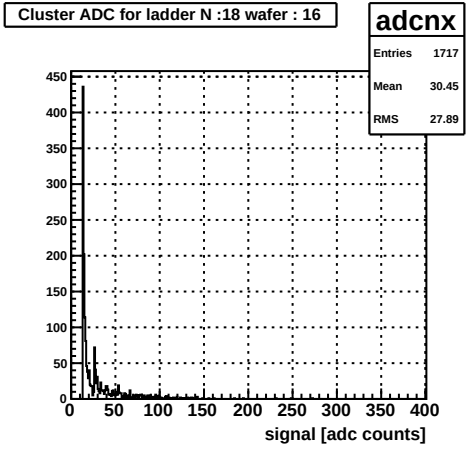

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 47
Mean 56.9
RMS 36.42
signal [adc counts]

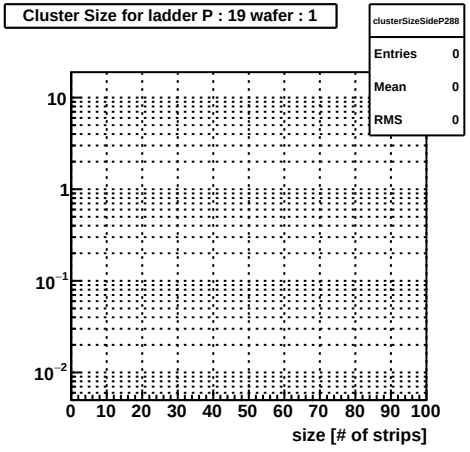

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3869
Mean 1.101
RMS 0.3664
size [# of strips]

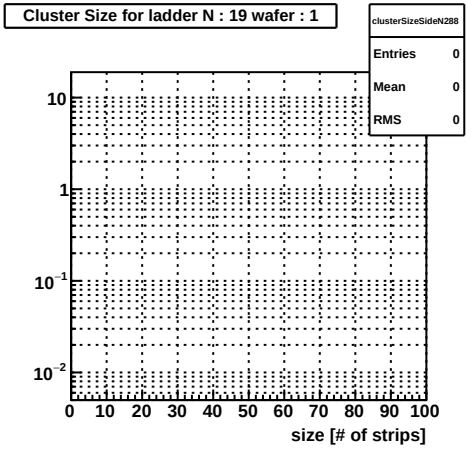

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1717
Mean 1.948
RMS 1.617
size [# of strips]

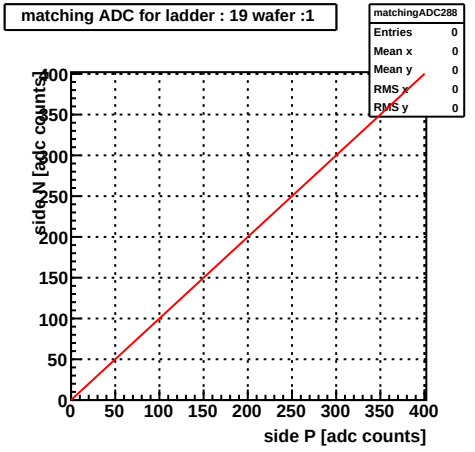

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 73
Mean x 40.19
Mean y 33.61
RMS x 28.86
RMS y 37.68
side N [adc counts]
side P [adc counts]

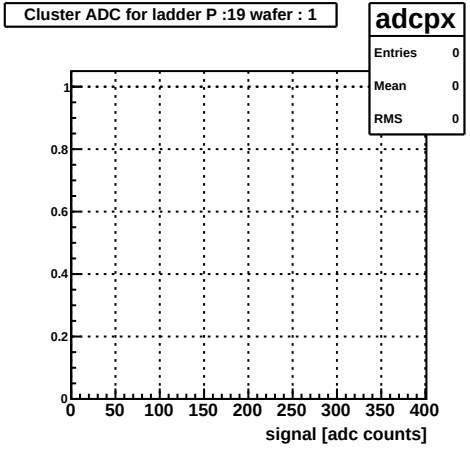

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3869
Mean 34.14
RMS 23.21
signal [adc counts]

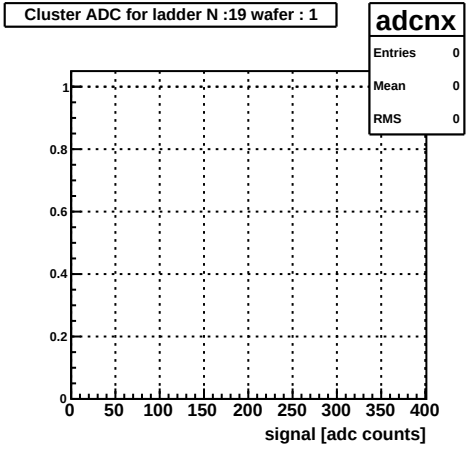

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1717
Mean 30.45
RMS 27.89
signal [adc counts]

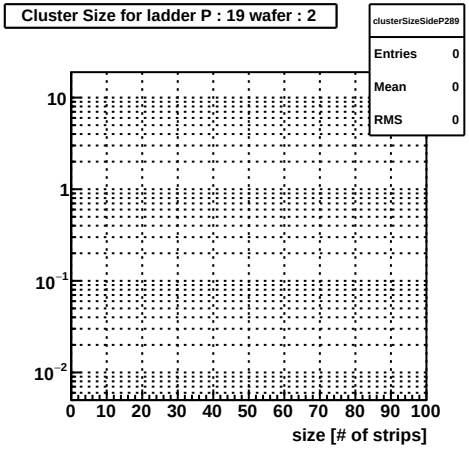

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

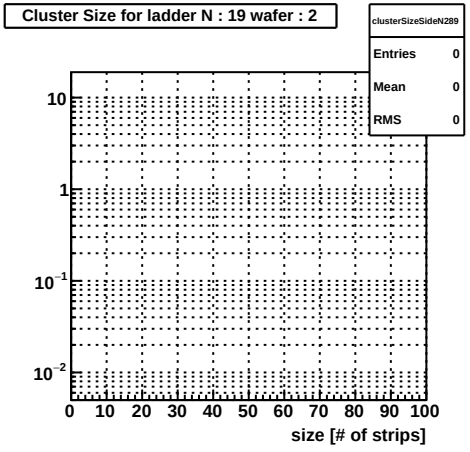

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

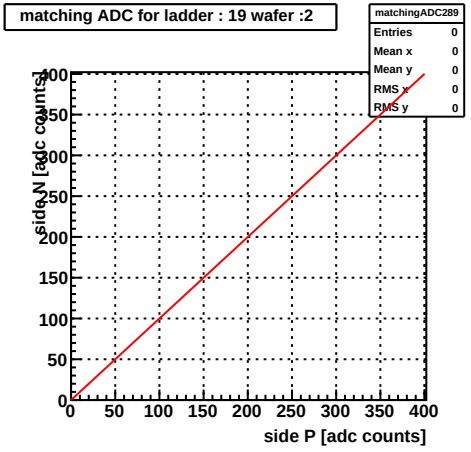

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

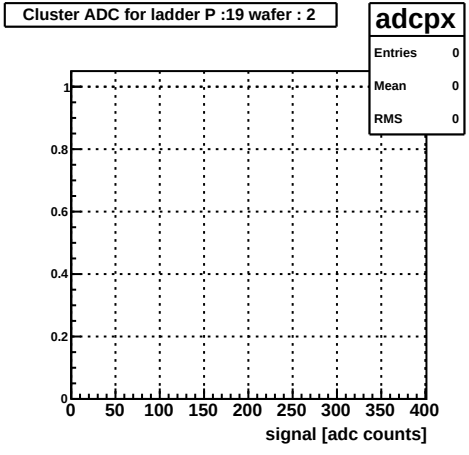

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

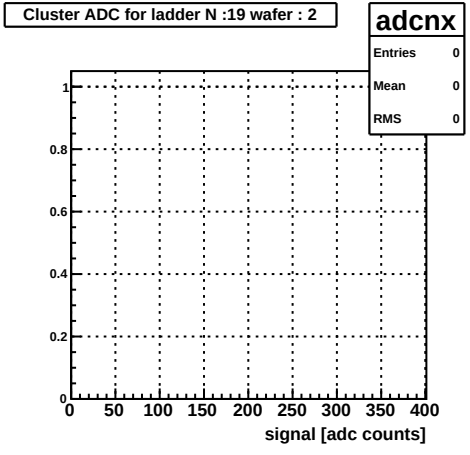

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

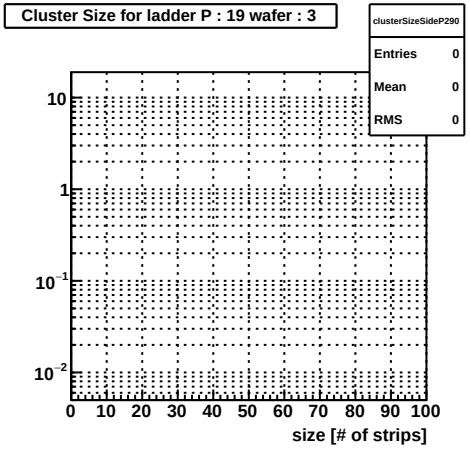

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

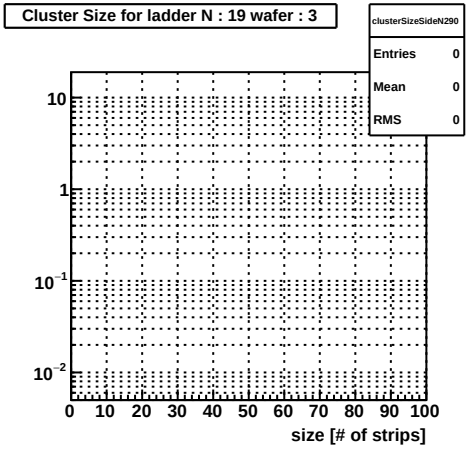

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

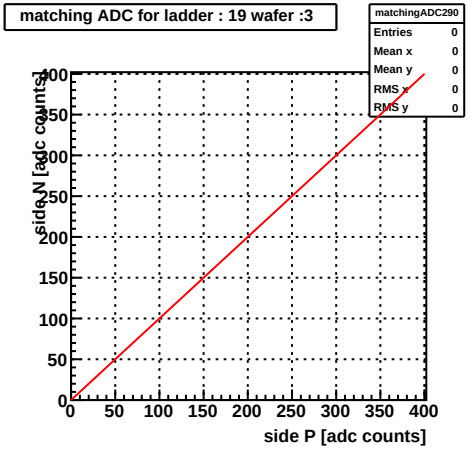

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

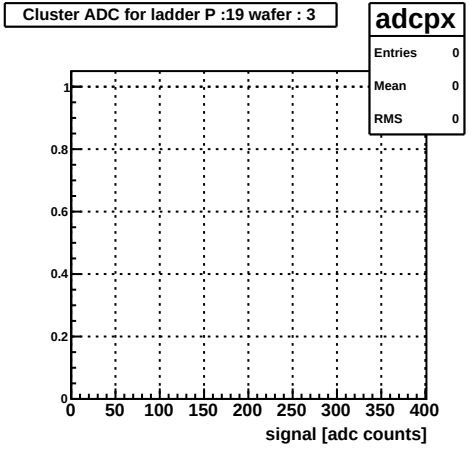

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

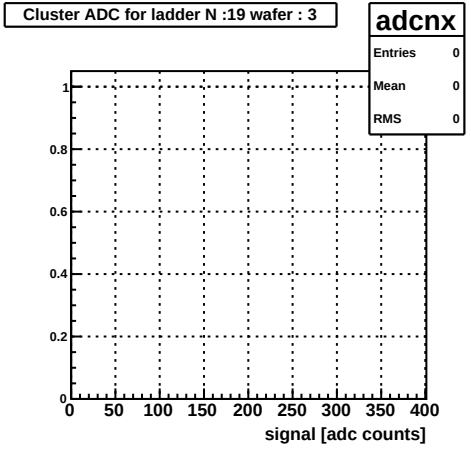

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

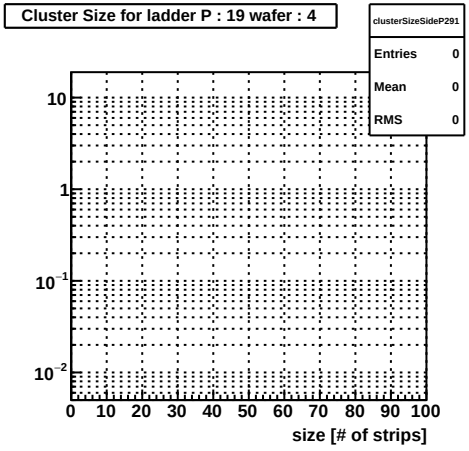

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

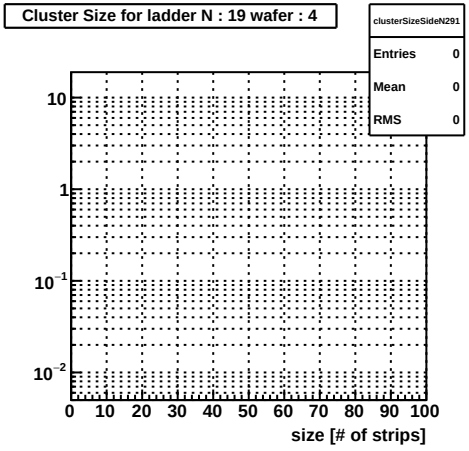

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

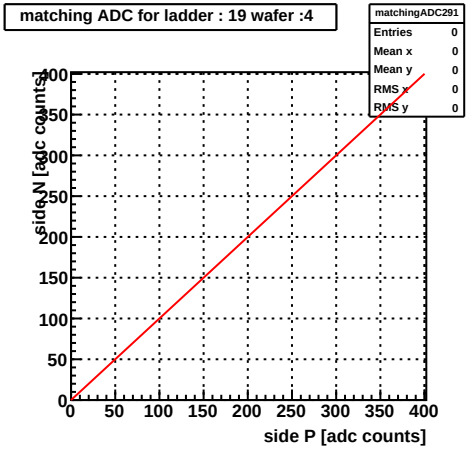

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

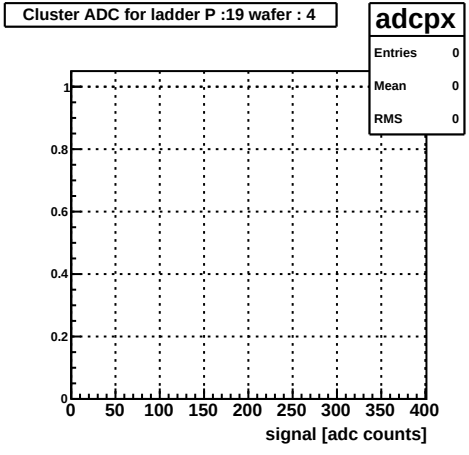

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

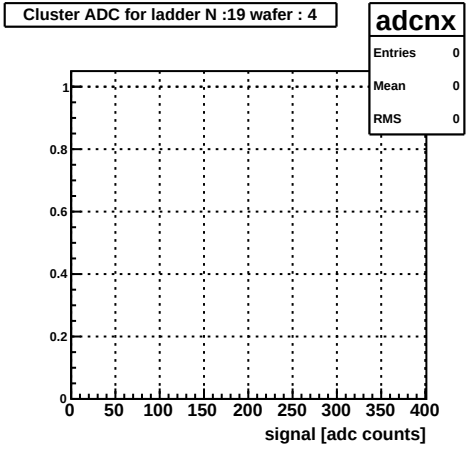

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

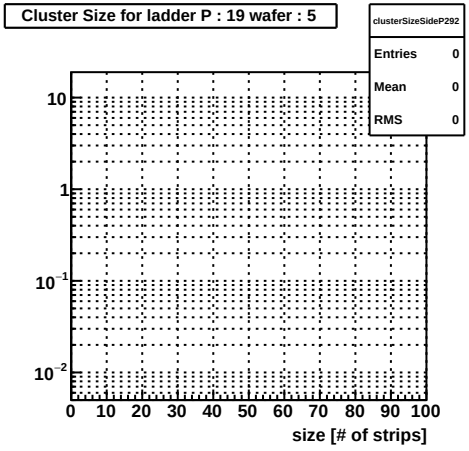

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

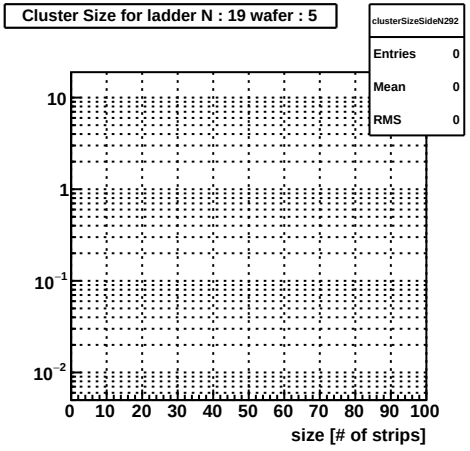

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

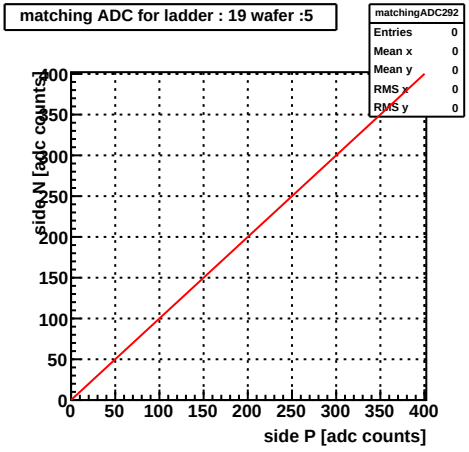

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

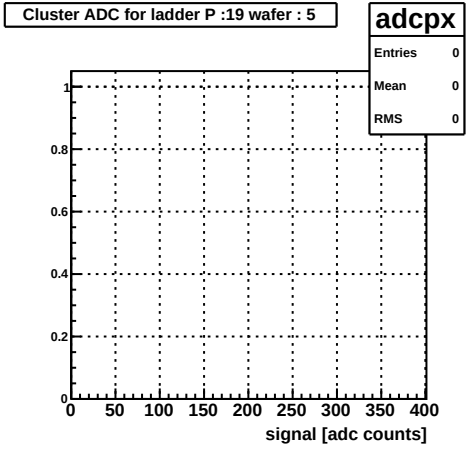

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

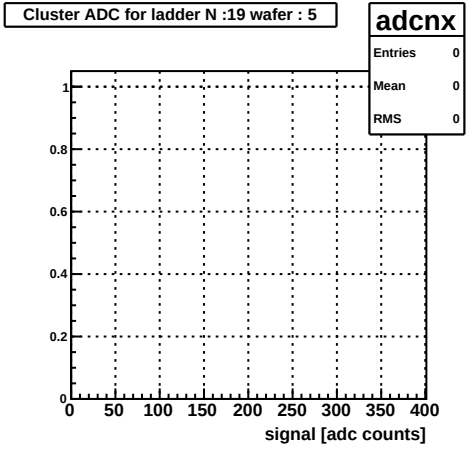

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

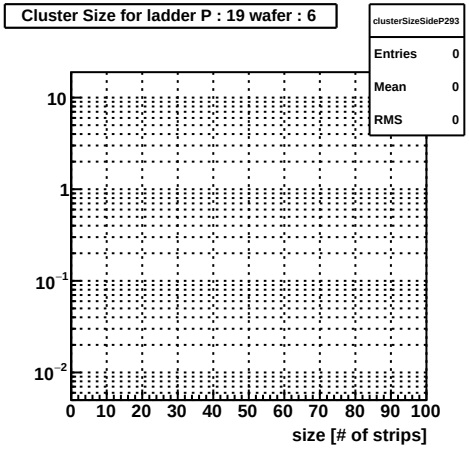

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

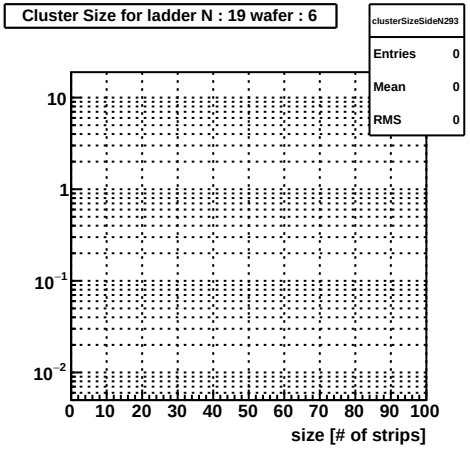

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

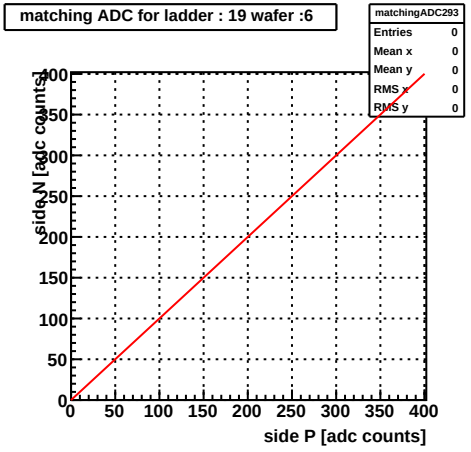

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

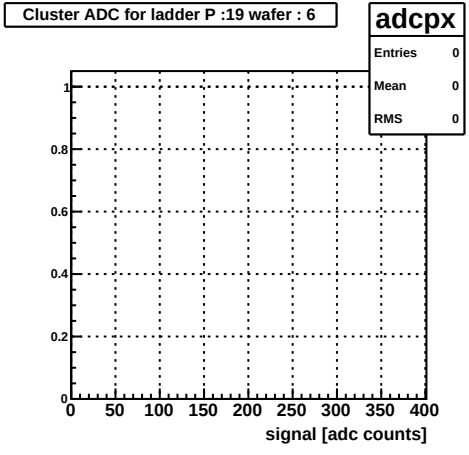

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

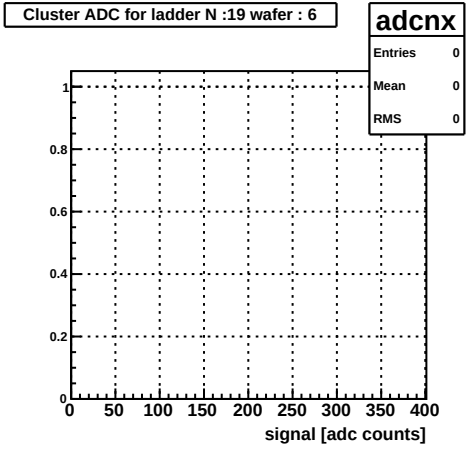

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

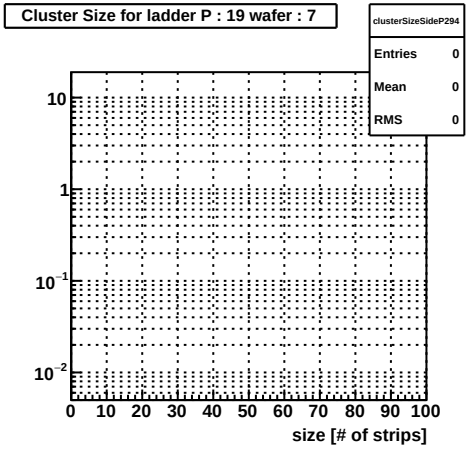

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

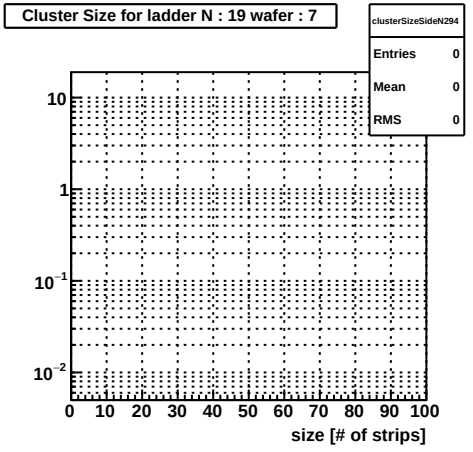

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

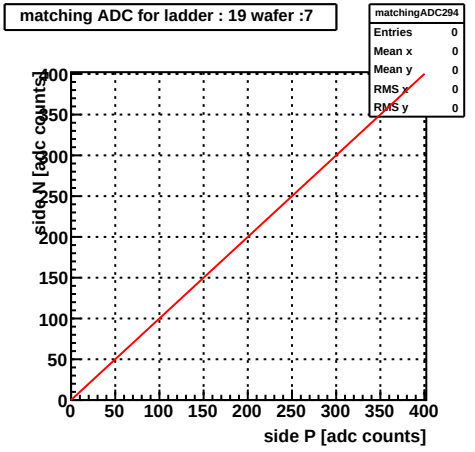

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

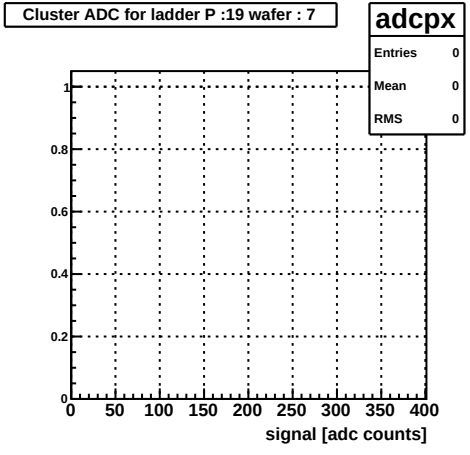

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

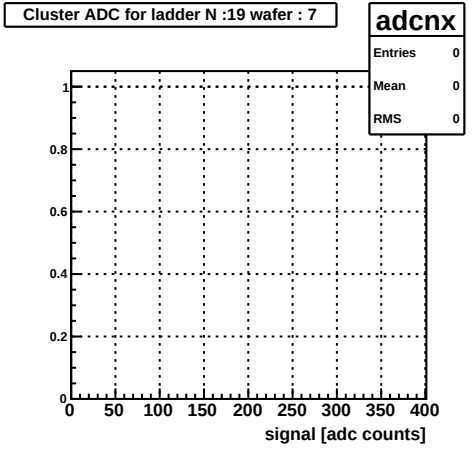

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

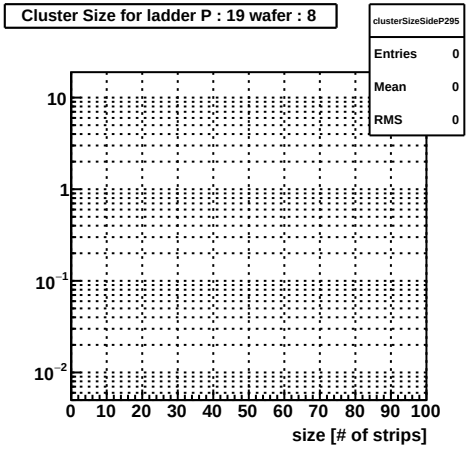

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

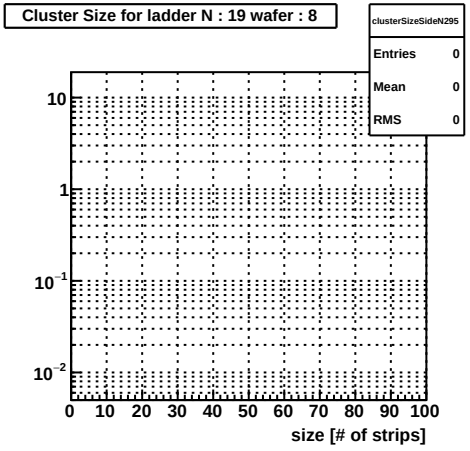

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

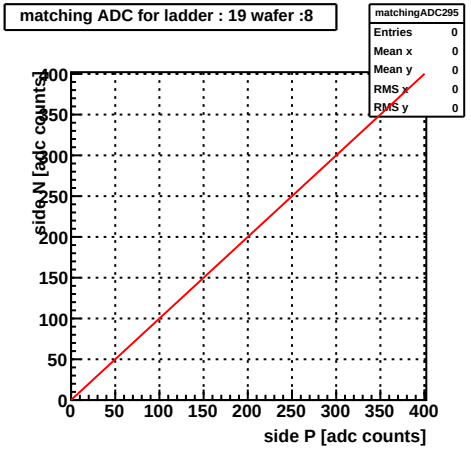

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

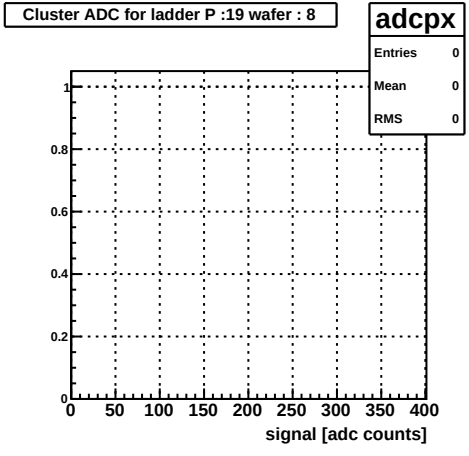

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

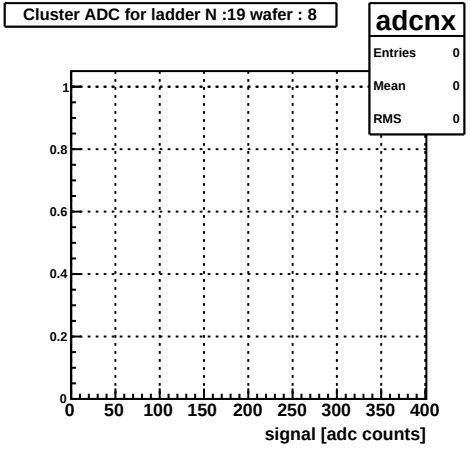

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

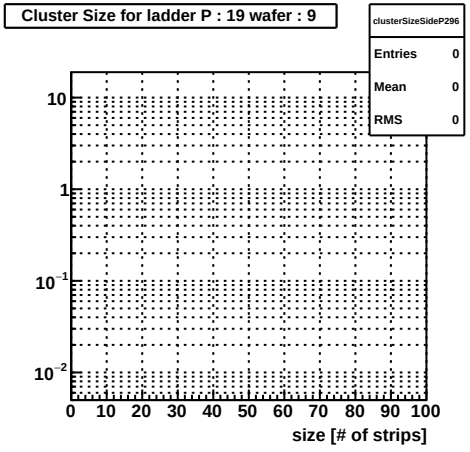

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

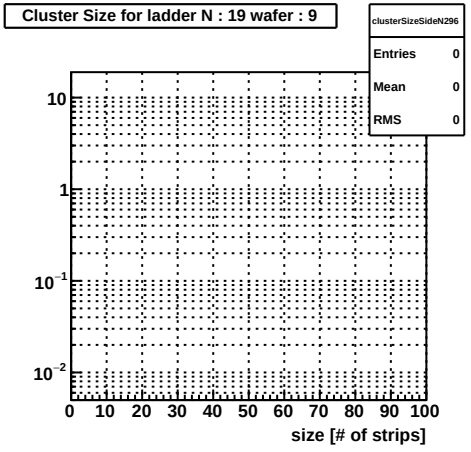

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

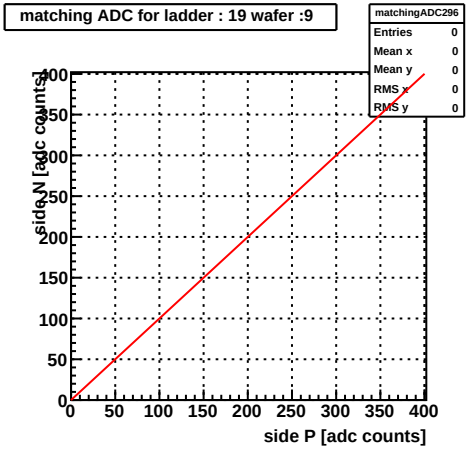

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

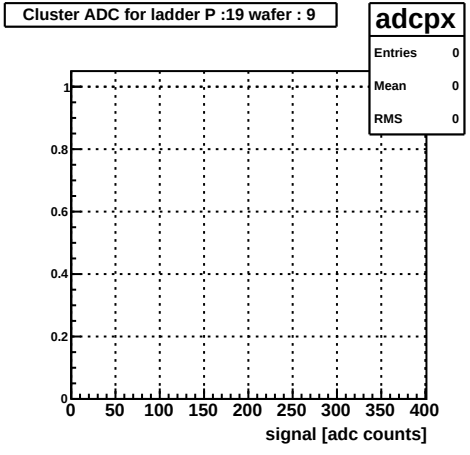

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

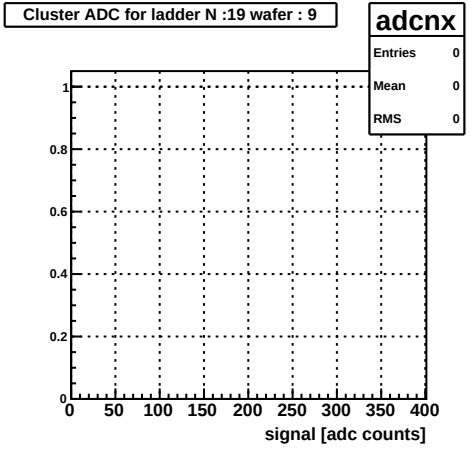

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

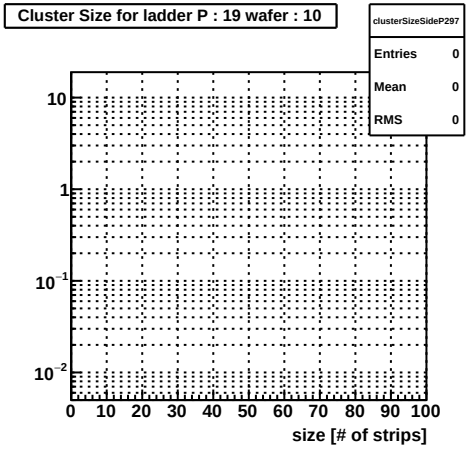

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

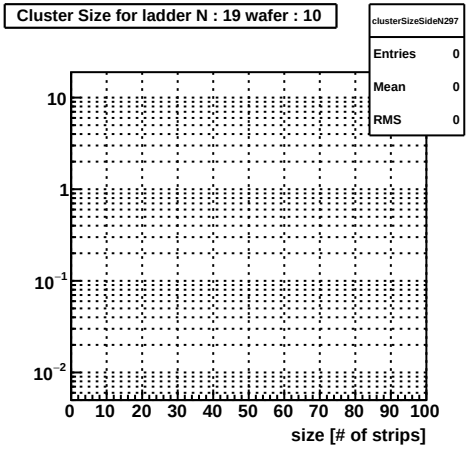

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

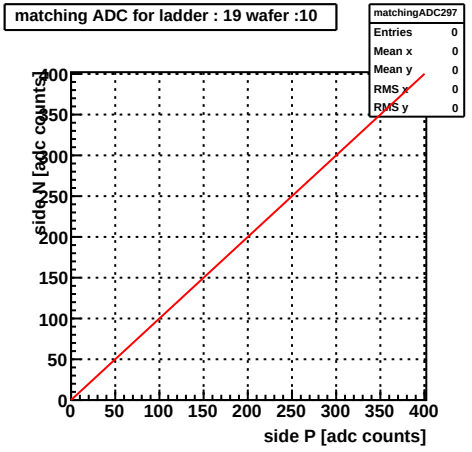

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

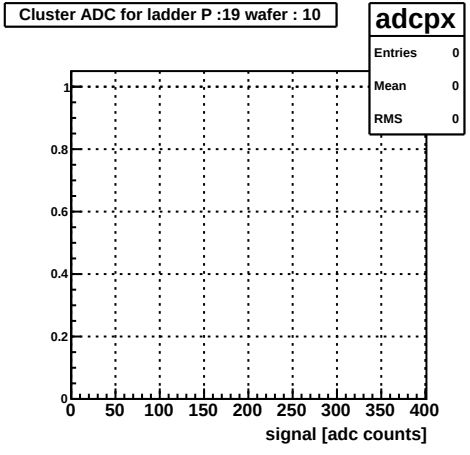

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

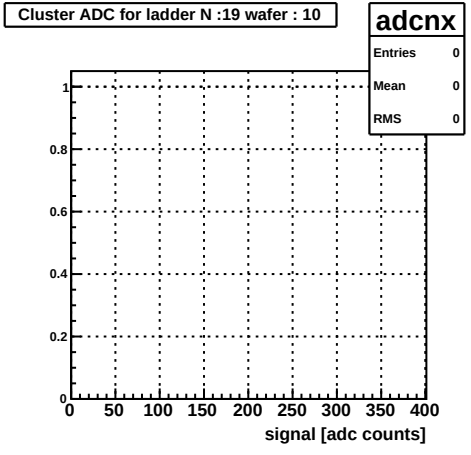

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

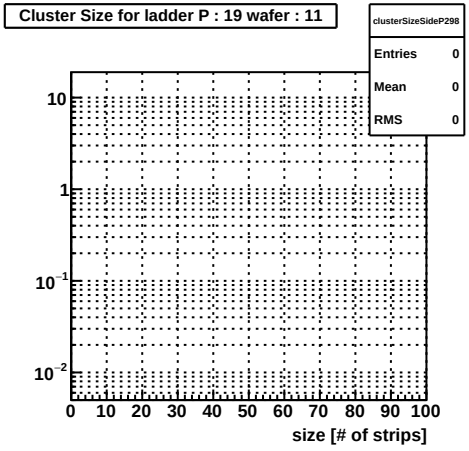

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

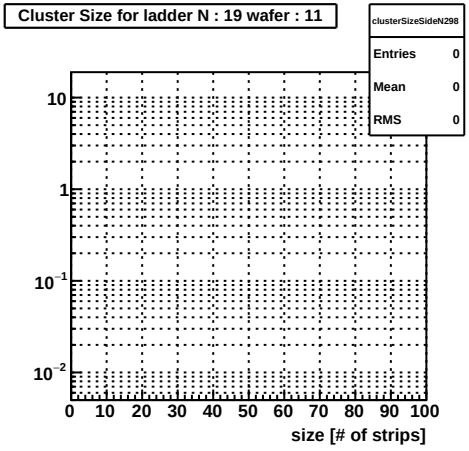

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

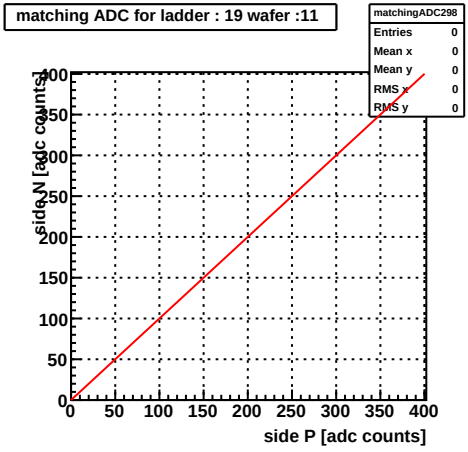

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

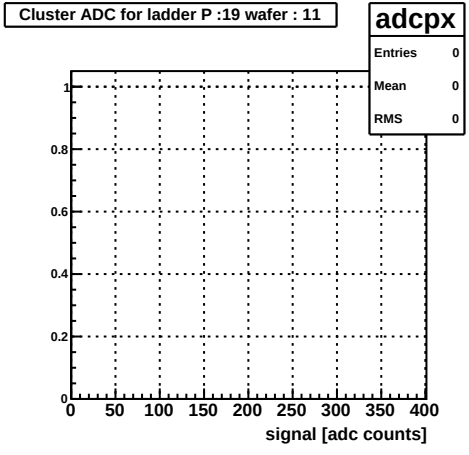

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

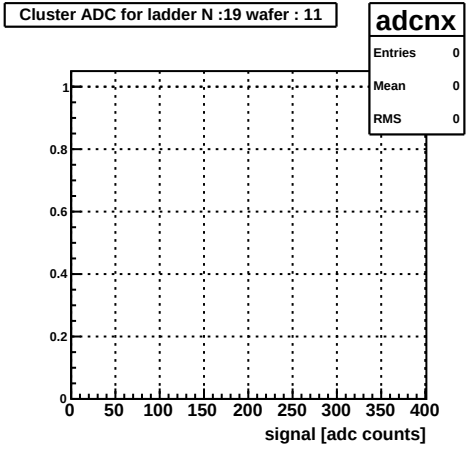

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

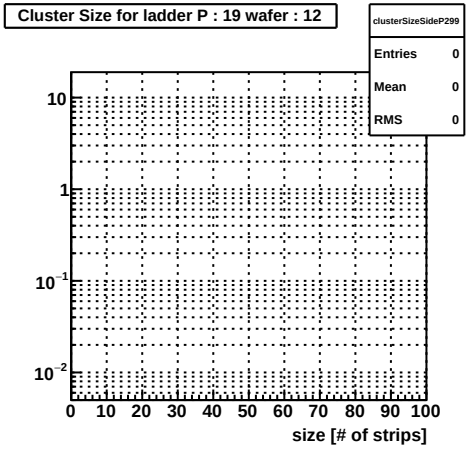

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

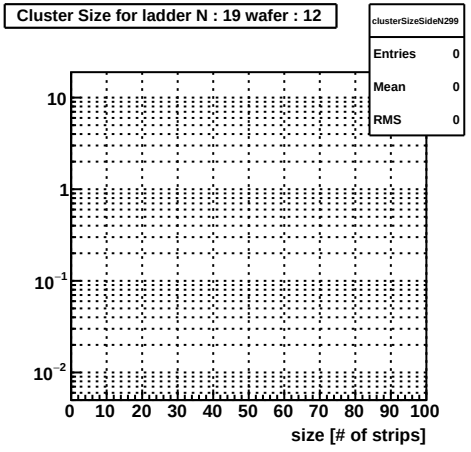

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

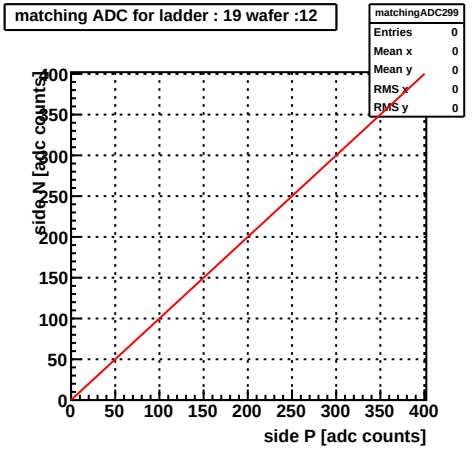

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

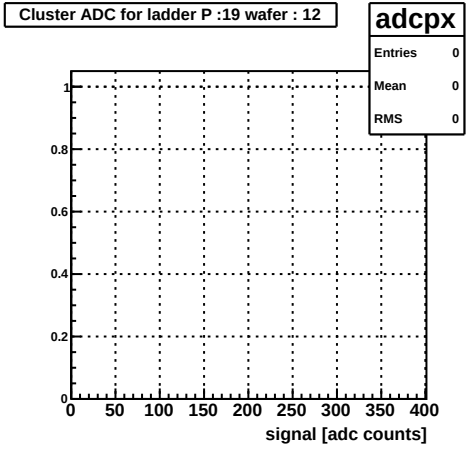

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

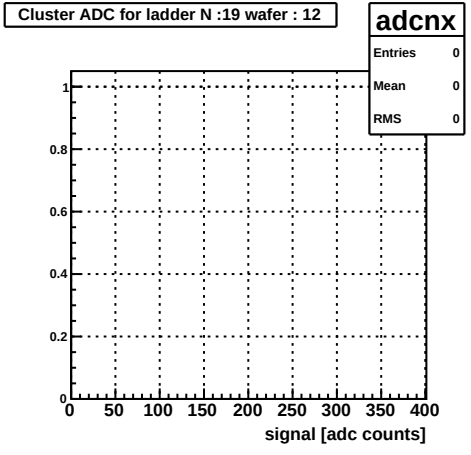

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

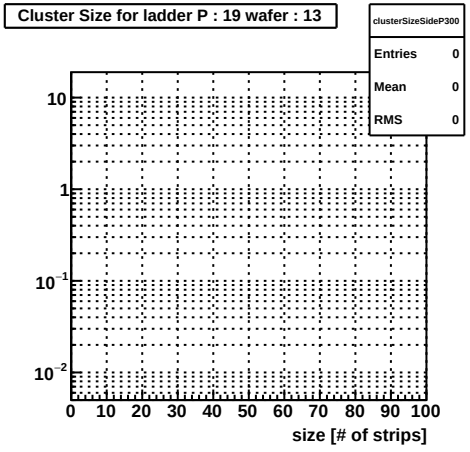

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

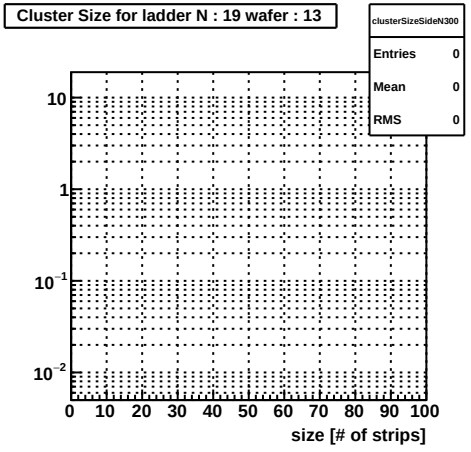

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

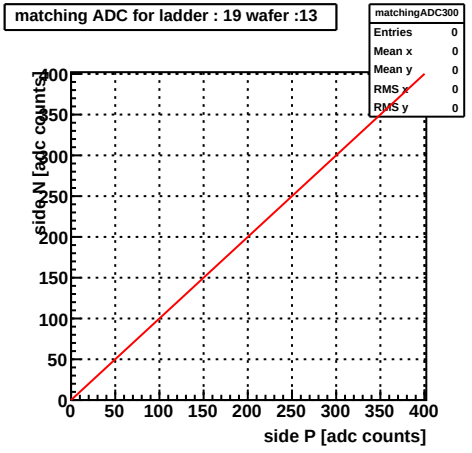

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

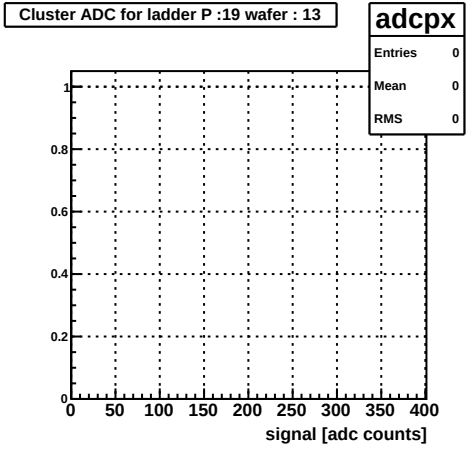

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

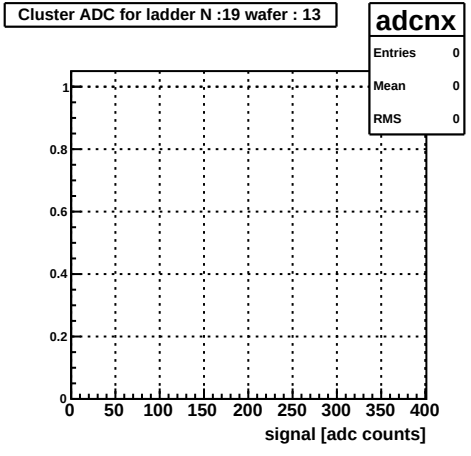

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

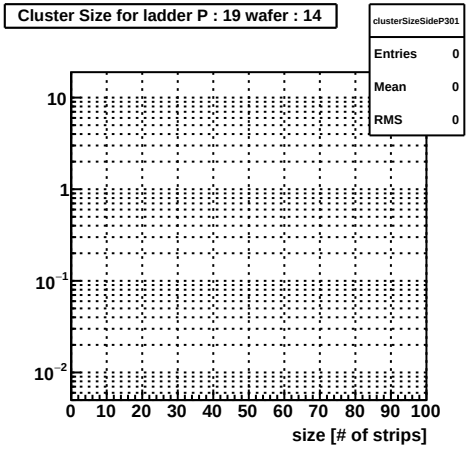

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

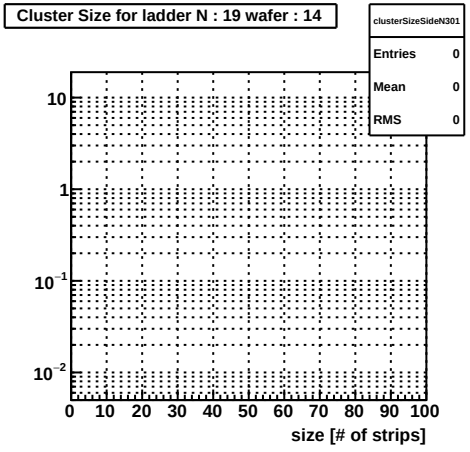

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

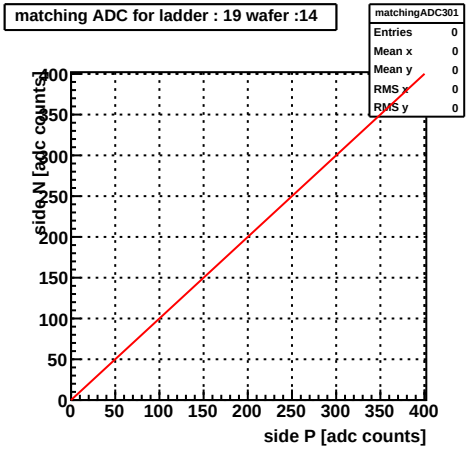

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

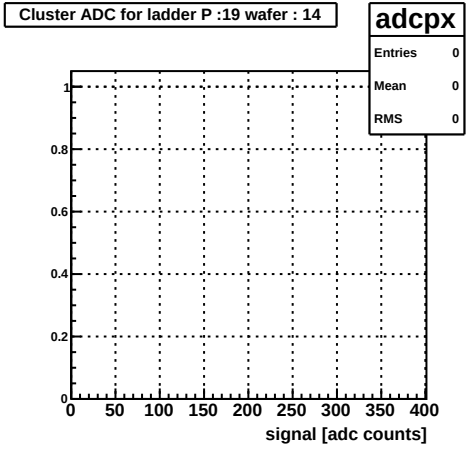

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

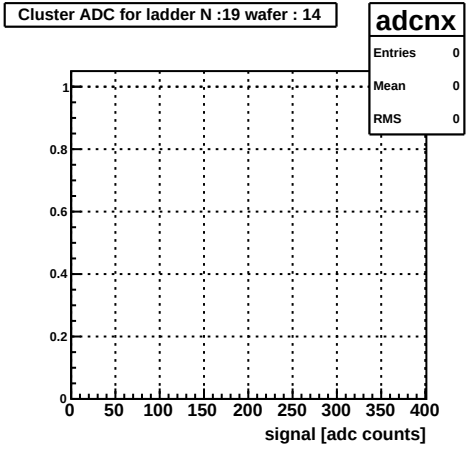

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

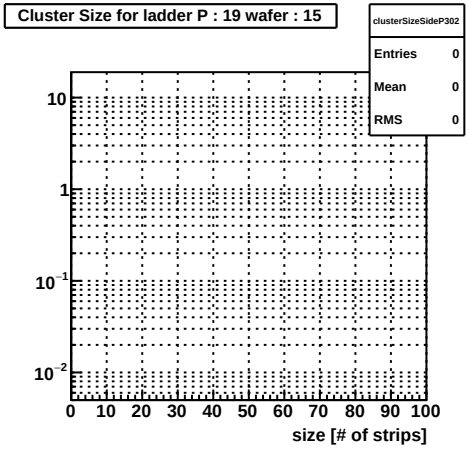

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

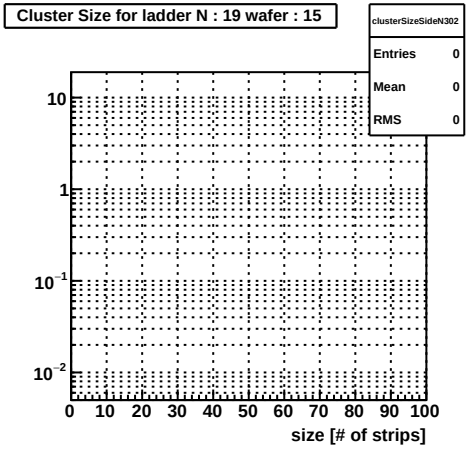

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

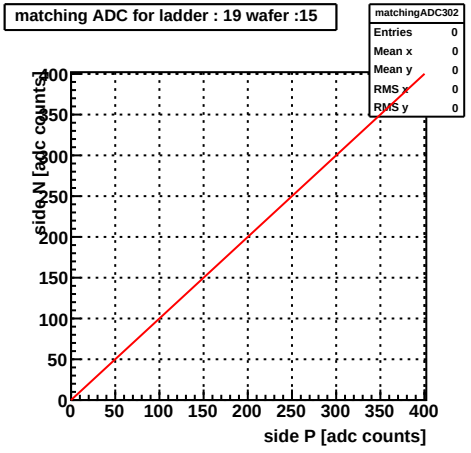

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

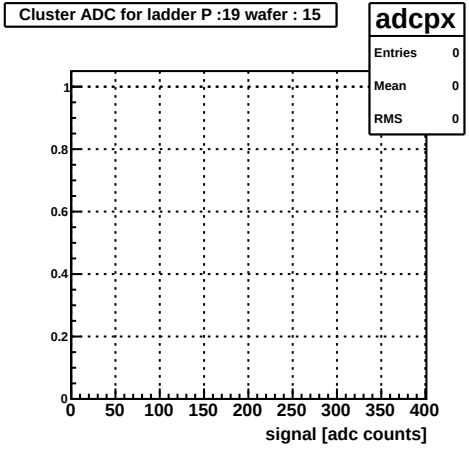

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

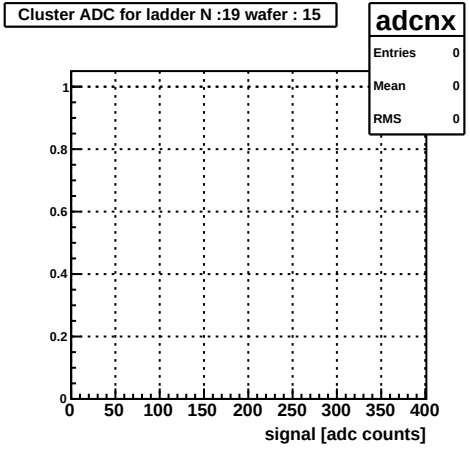

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

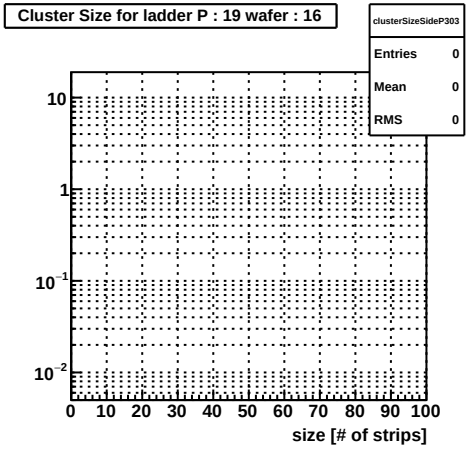

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

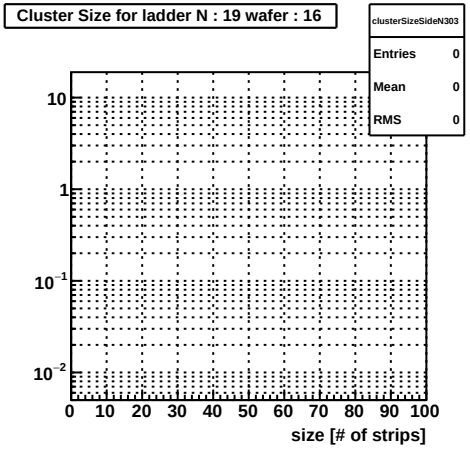

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

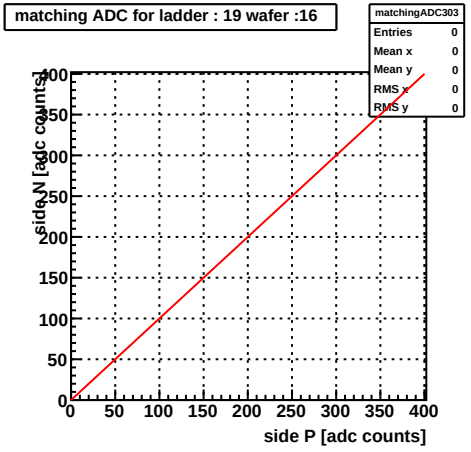

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

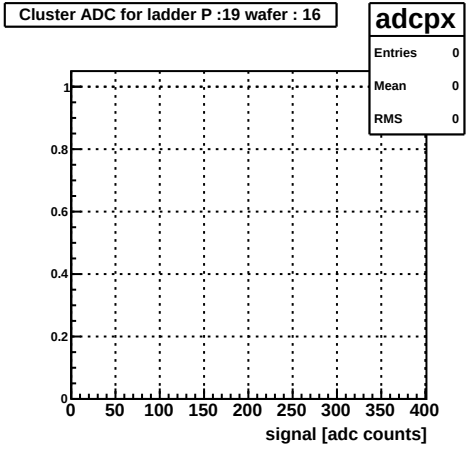

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

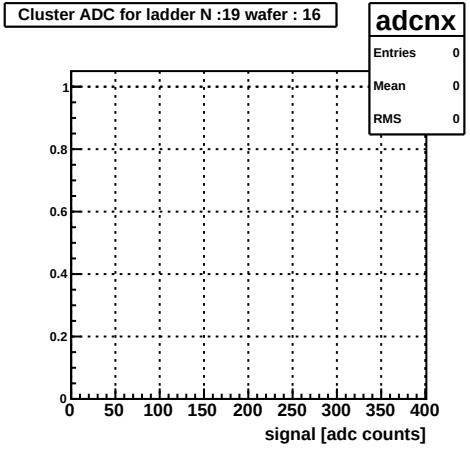

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

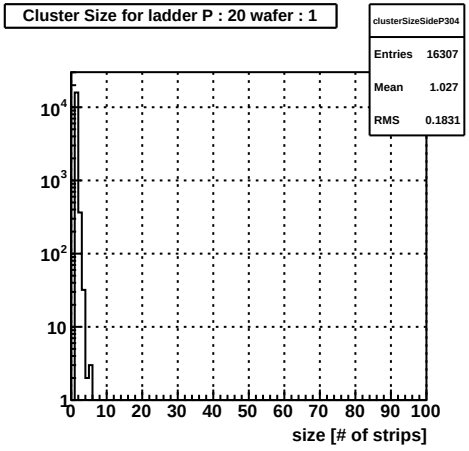

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

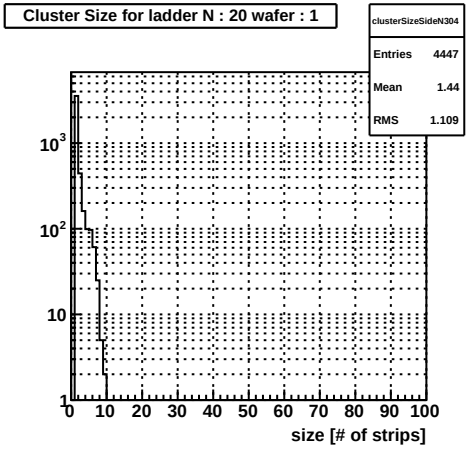

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

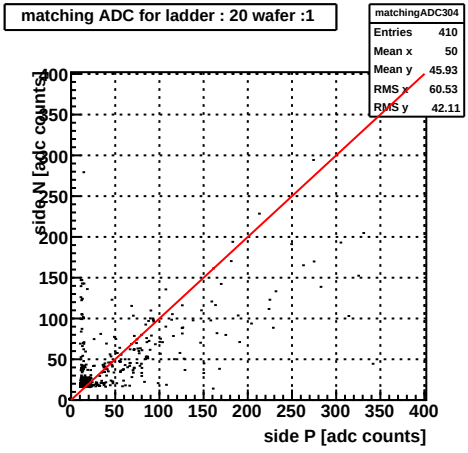

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

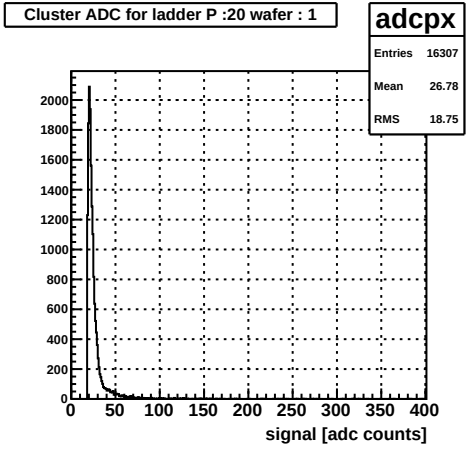

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

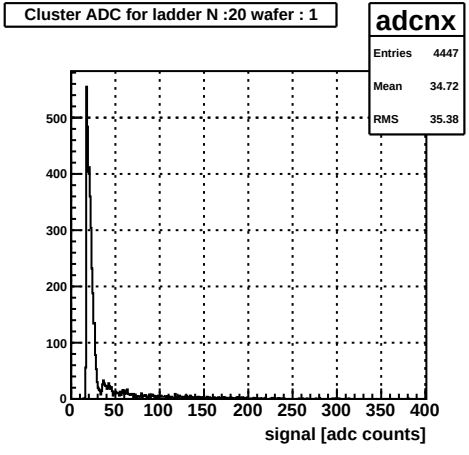

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

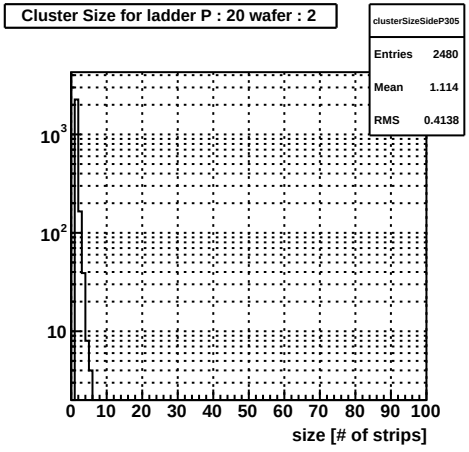

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 16307
Mean 1.027
RMS 0.1831
size [# of strips]

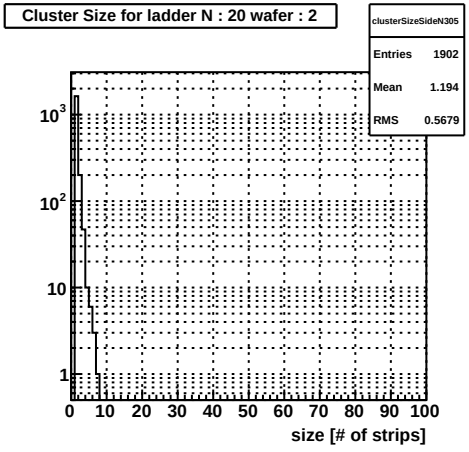

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4447
Mean 1.44
RMS 1.109
size [# of strips]

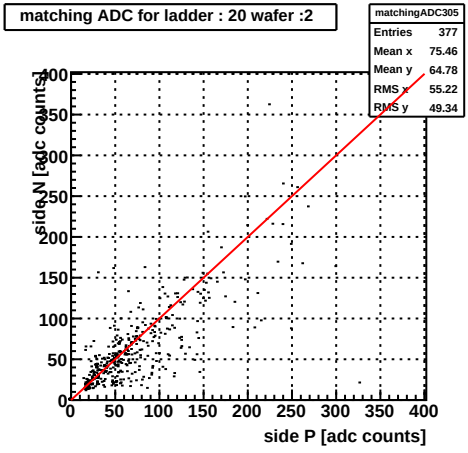

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 410
Mean x 50
Mean y 45.93
RMS x 60.53
RMS y 42.11
side N [adc counts]
side P [adc counts]

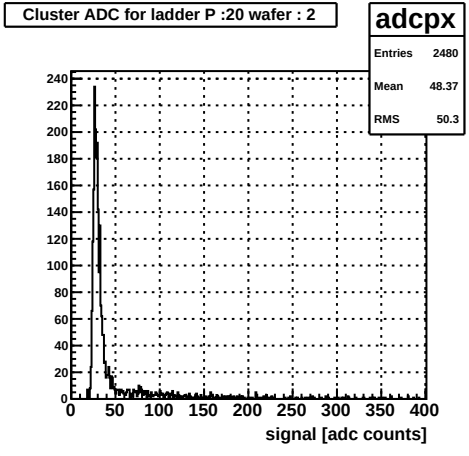

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 16307
Mean 26.78
RMS 18.75
signal [adc counts]

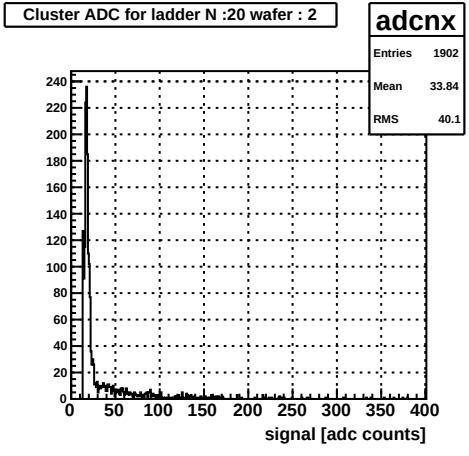

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4447
Mean 34.72
RMS 35.38
signal [adc counts]

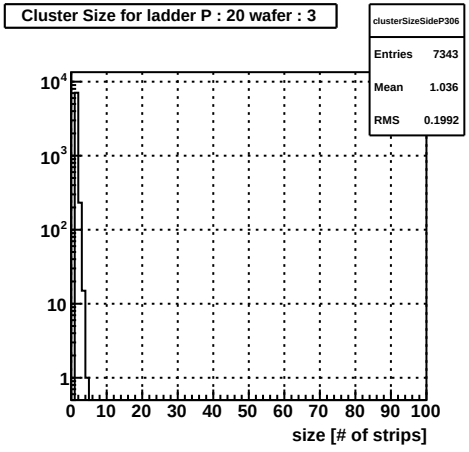

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2480
Mean 1.114
RMS 0.4138
size [# of strips]

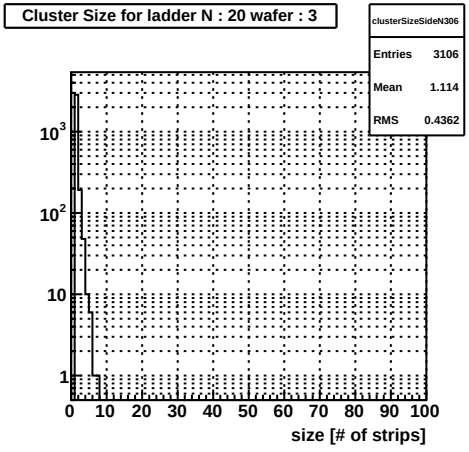

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1902
Mean 1.194
RMS 0.5679
size [# of strips]

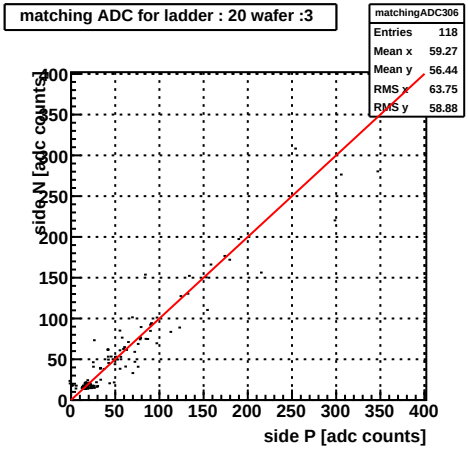

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 377
Mean x 75.46
Mean y 64.78
RMS x 55.22
RMS y 49.34
side N [adc counts]
side P [adc counts]

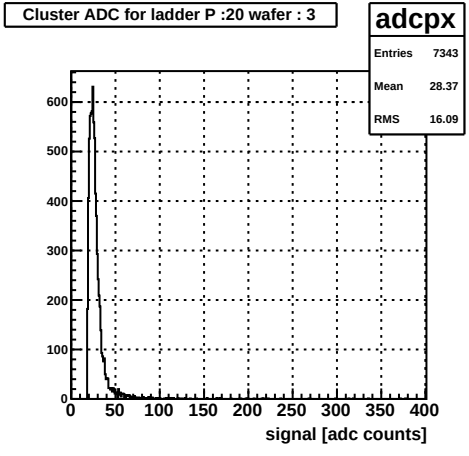

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2480
Mean 48.37
RMS 50.3
signal [adc counts]

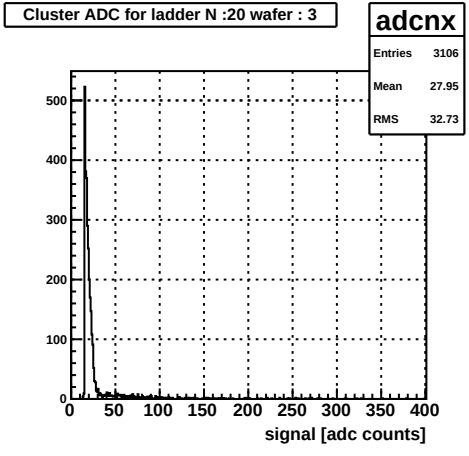

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1902
Mean 33.84
RMS 40.1
signal [adc counts]

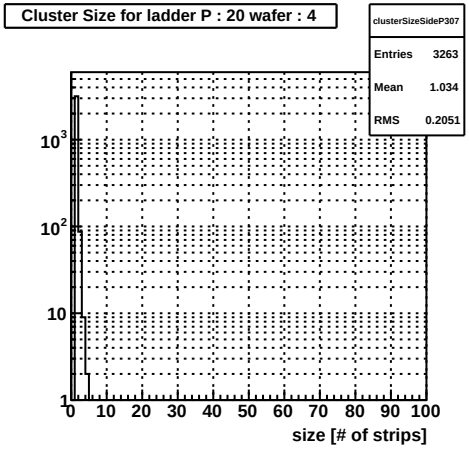

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7343
Mean 1.036
RMS 0.1992
size [# of strips]

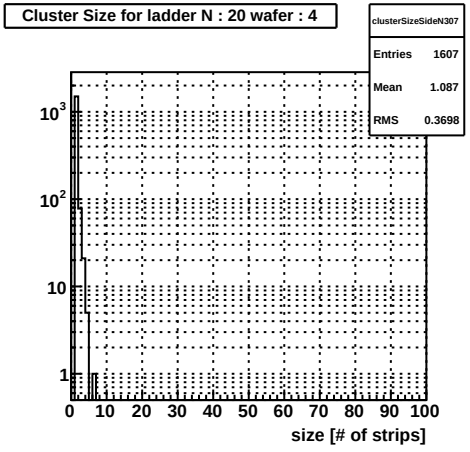

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3106
Mean 1.114
RMS 0.4362
size [# of strips]

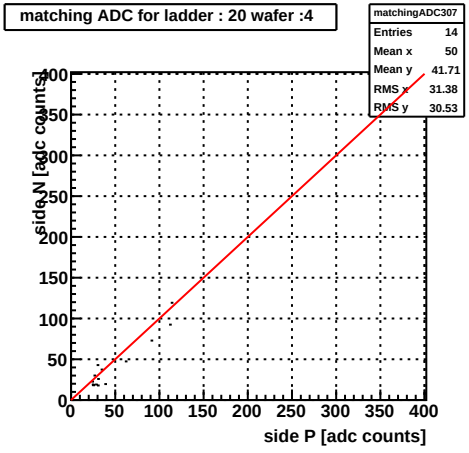

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 118
Mean x 59.27
Mean y 56.44
RMS x 63.75
RMS y 58.88
side N [adc counts]
side P [adc counts]

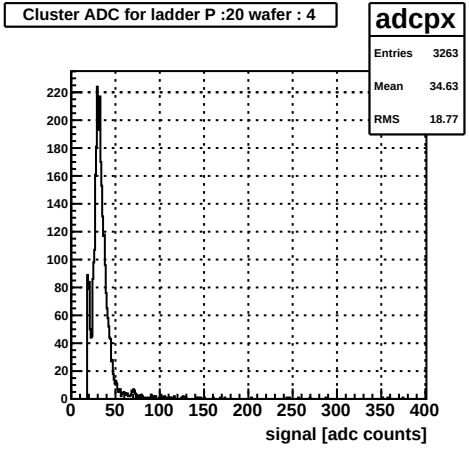

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7343
Mean 28.37
RMS 16.09
signal [adc counts]

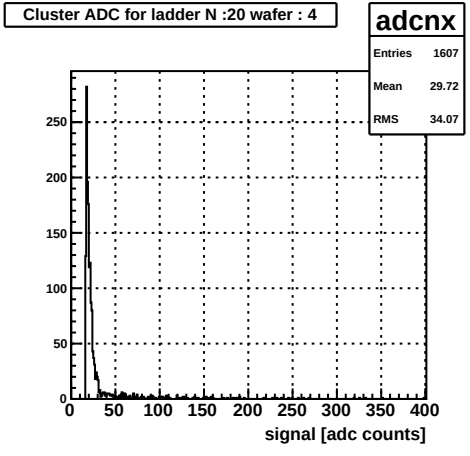

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3106
Mean 27.95
RMS 32.73
signal [adc counts]

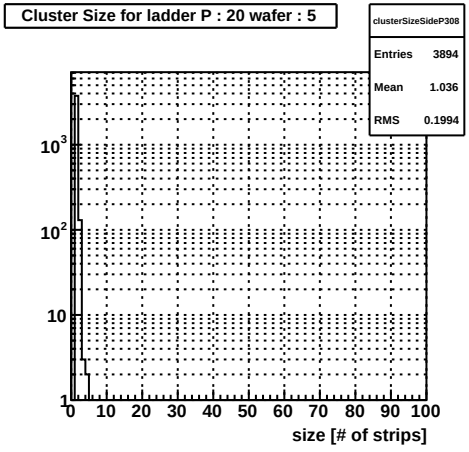

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3263
Mean 1.034
RMS 0.2051
size [# of strips]

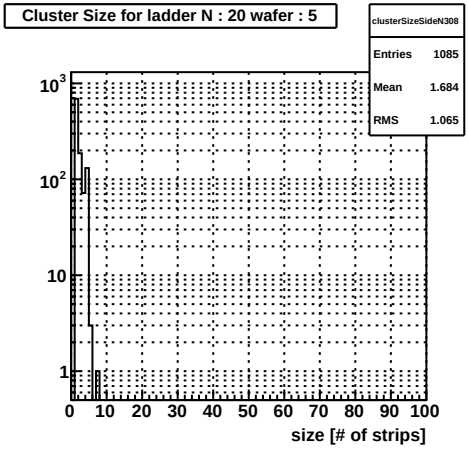

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1607
Mean 1.087
RMS 0.3698
size [# of strips]

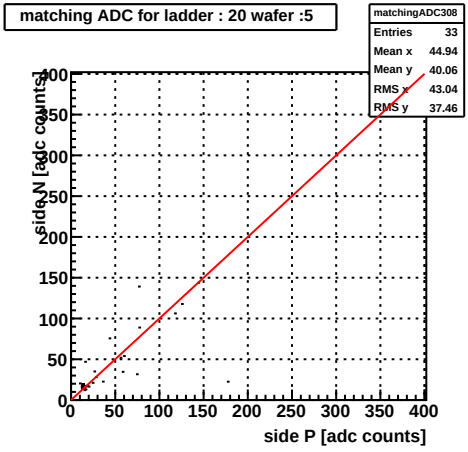

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 14
Mean x 50
Mean y 41.71
RMS x 31.38
RMS y 30.53
side N [adc counts]
side P [adc counts]

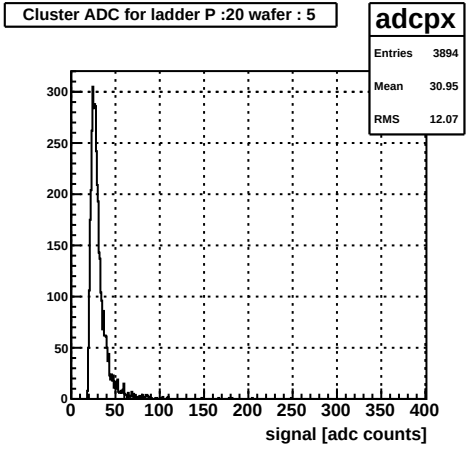

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3263
Mean 34.63
RMS 18.77
signal [adc counts]

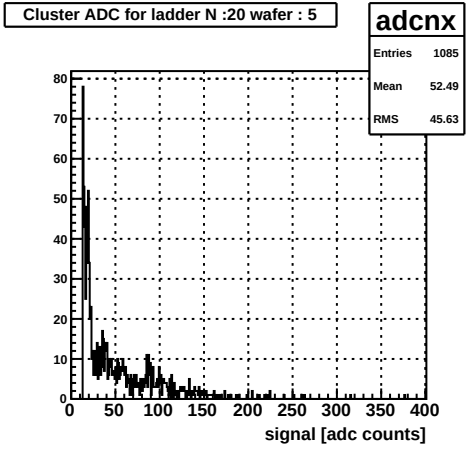

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1607
Mean 29.72
RMS 34.07
signal [adc counts]

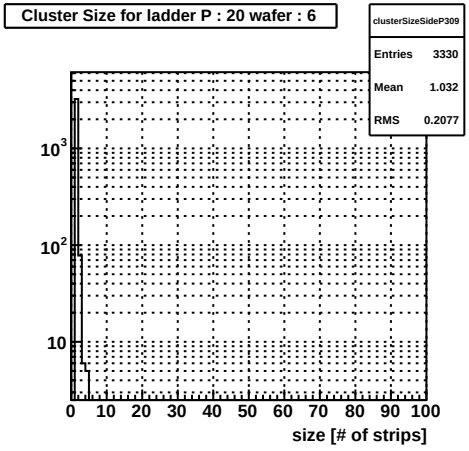

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3894
Mean 1.036
RMS 0.1994
size [# of strips]

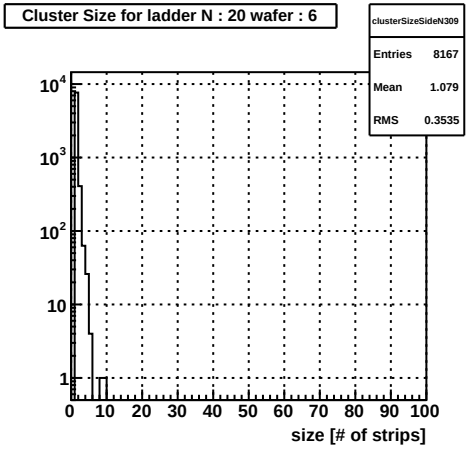

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1085
Mean 1.684
RMS 1.065
size [# of strips]

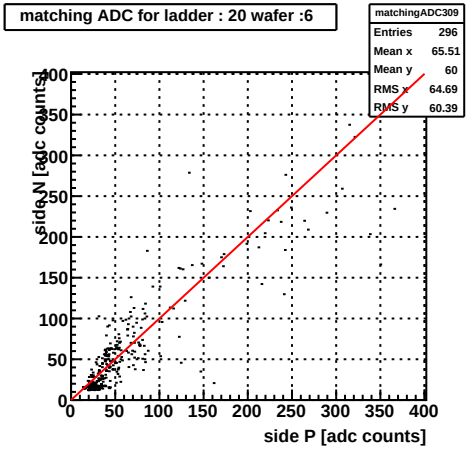

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 33
Mean x 44.94
Mean y 40.06
RMS x 43.04
RMS y 37.46
side N [adc counts]
side P [adc counts]

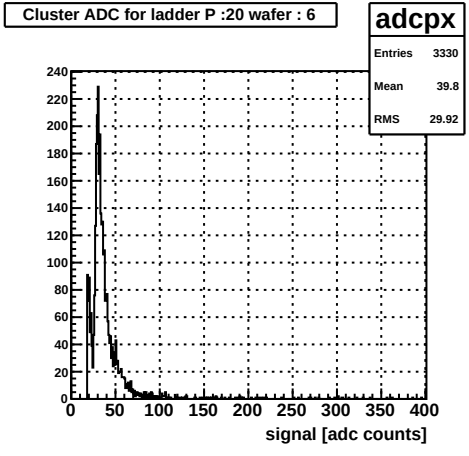

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3894
Mean 30.95
RMS 12.07
signal [adc counts]

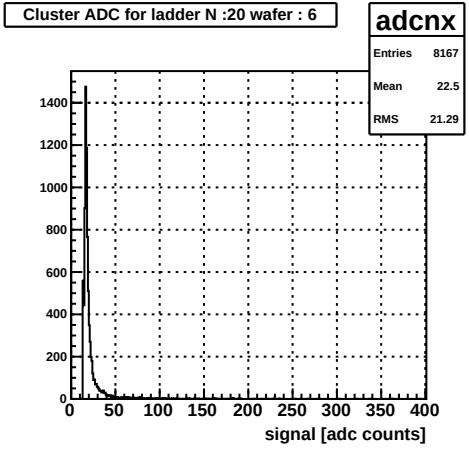

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1085
Mean 52.49
RMS 45.63
signal [adc counts]

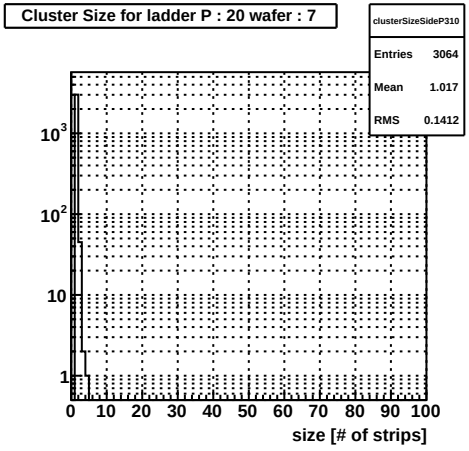

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3330
Mean 1.032
RMS 0.2077
size [# of strips]

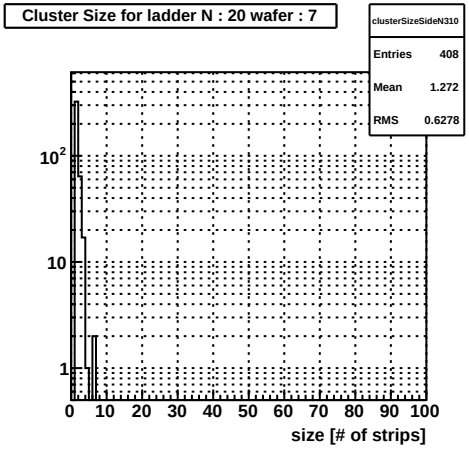

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 8167
Mean 1.079
RMS 0.3535
size [# of strips]

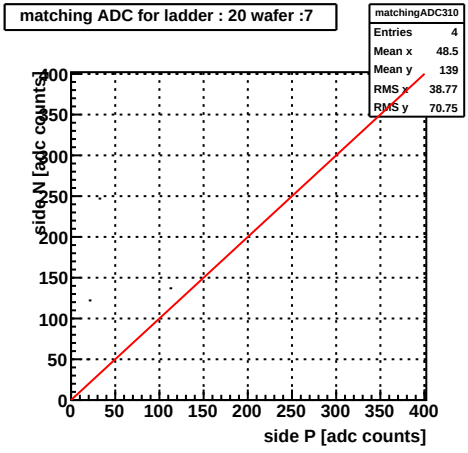

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 296
Mean x 65.51
Mean y 60
RMS x 64.69
RMS y 60.39
side N [adc counts]
side P [adc counts]

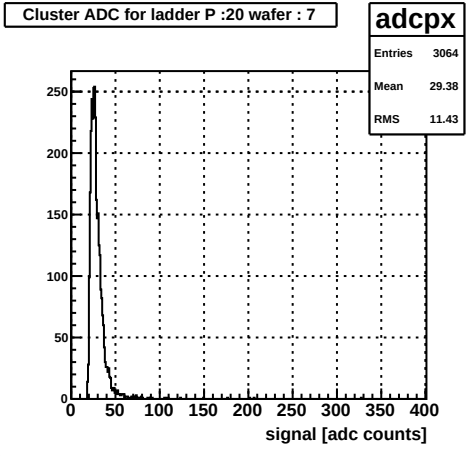

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3330
Mean 39.8
RMS 29.92
signal [adc counts]

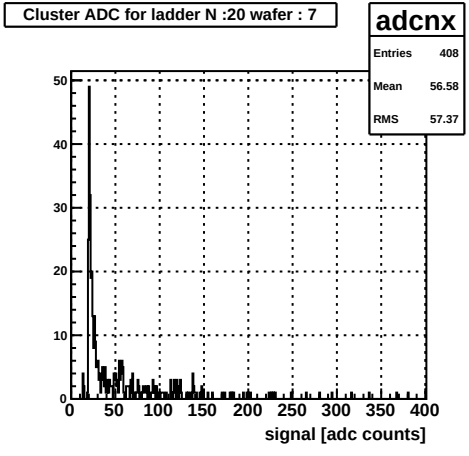

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 8167
Mean 22.5
RMS 21.29
signal [adc counts]

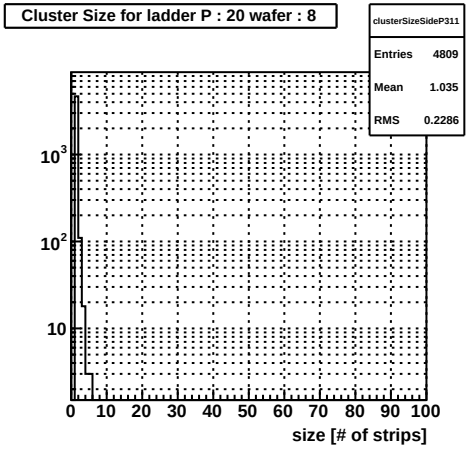

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 3064
Mean 1.017
RMS 0.1412
size [# of strips]

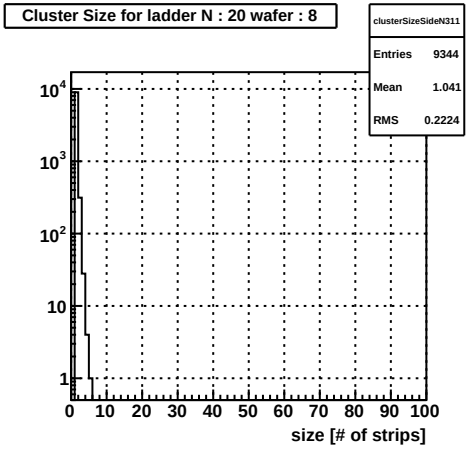

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 408
Mean 1.272
RMS 0.6278
size [# of strips]

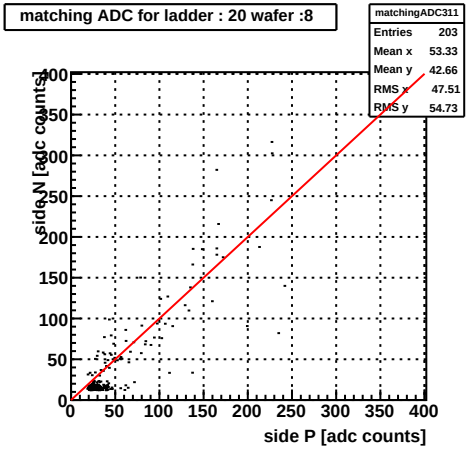

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 48.5
Mean y 139
RMS x 38.77
RMS y 70.75
side N [adc counts]
side P [adc counts]

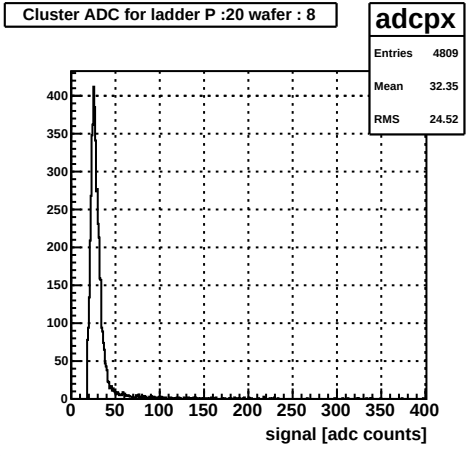

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 3064
Mean 29.38
RMS 11.43
signal [adc counts]

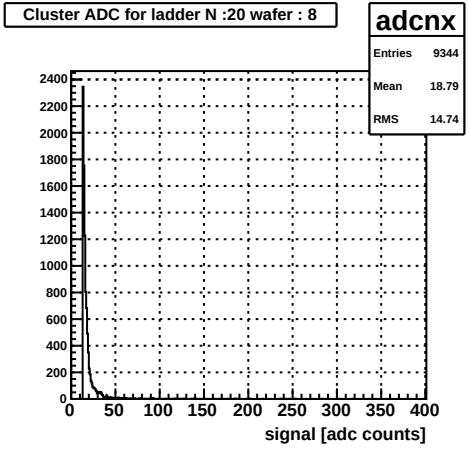

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 408
Mean 56.58
RMS 57.37
signal [adc counts]

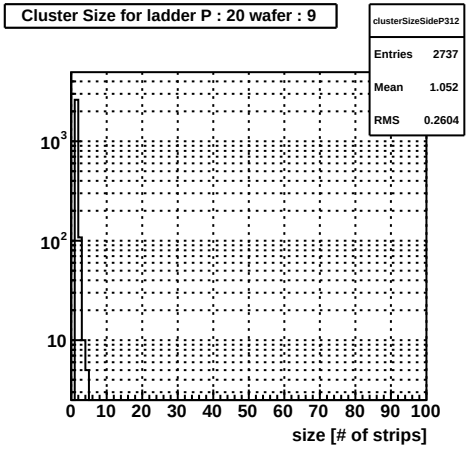

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4809
Mean 1.035
RMS 0.2286
size [# of strips]

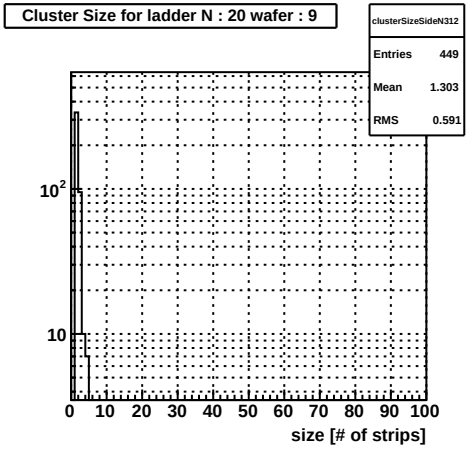

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9344
Mean 1.041
RMS 0.2224
size [# of strips]

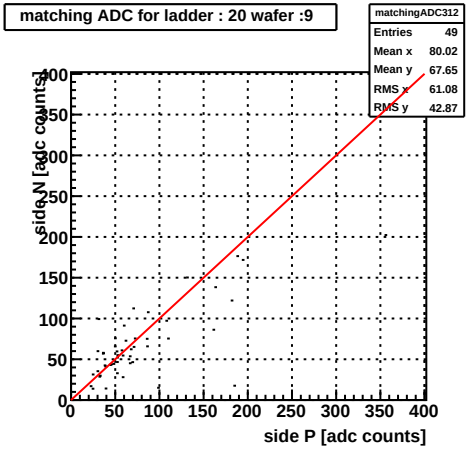

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 203
Mean x 53.33
Mean y 42.66
RMS x 47.51
RMS y 54.73
side N [adc counts]
side P [adc counts]

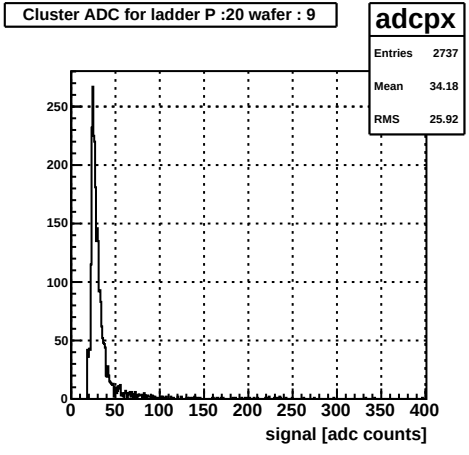

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4809
Mean 32.35
RMS 24.52
signal [adc counts]

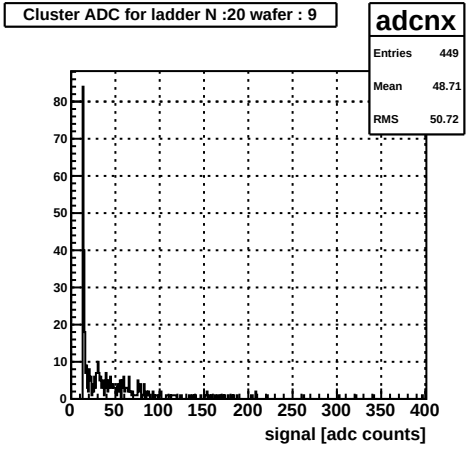

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9344
Mean 18.79
RMS 14.74
signal [adc counts]

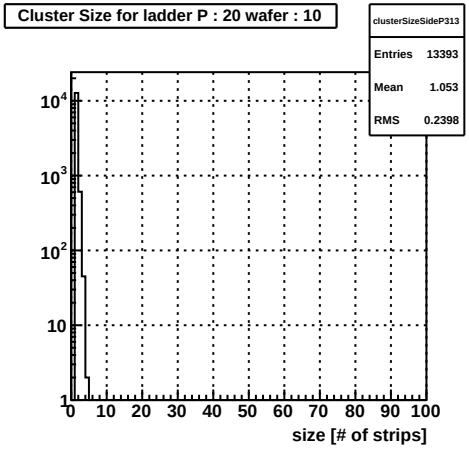

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2737
Mean 1.052
RMS 0.2604
size [# of strips]

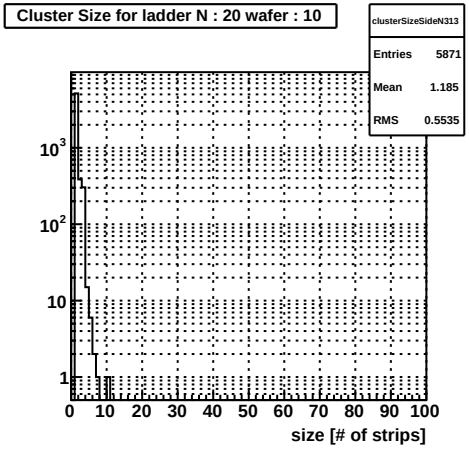

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 449
Mean 1.303
RMS 0.591
size [# of strips]

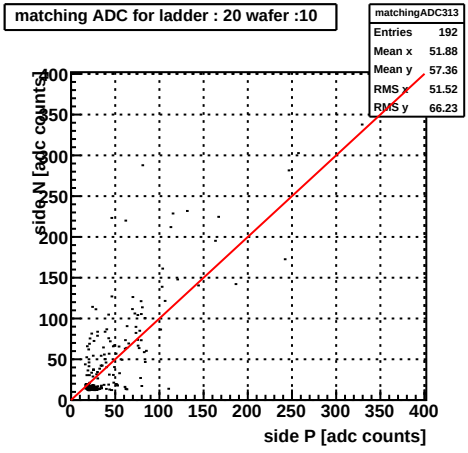

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 49
Mean x 80.02
Mean y 67.65
RMS x 61.08
RMS y 42.87
side N [adc counts]
side P [adc counts]

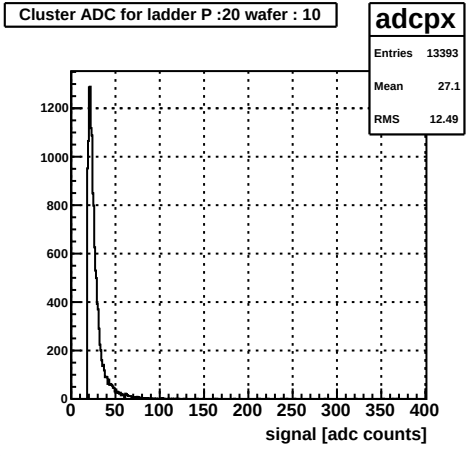

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2737
Mean 34.18
RMS 25.92
signal [adc counts]

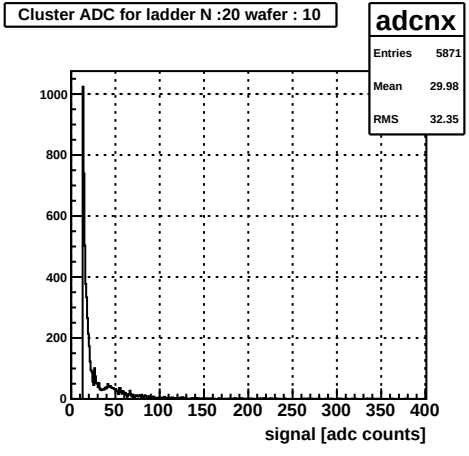

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 449
Mean 48.71
RMS 50.72
signal [adc counts]

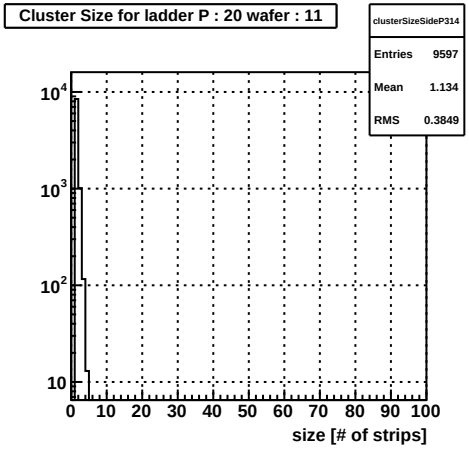

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13393
Mean 1.053
RMS 0.2398
size [# of strips]

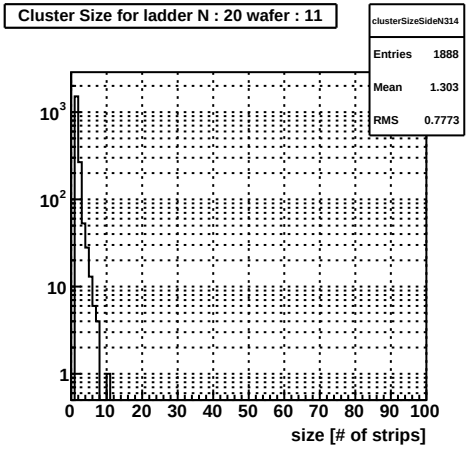

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5871
Mean 1.185
RMS 0.5535
size [# of strips]

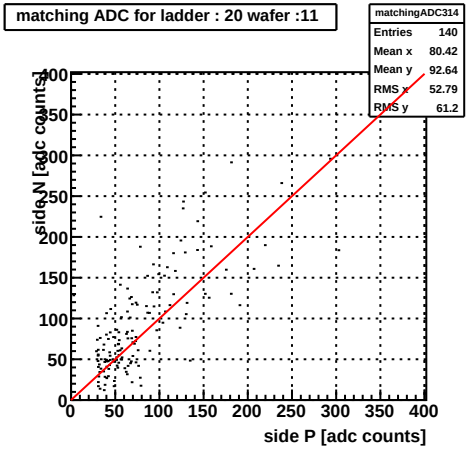

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 192
Mean x 51.88
Mean y 57.36
RMS x 51.52
RMS y 66.23
side N [adc counts]
side P [adc counts]

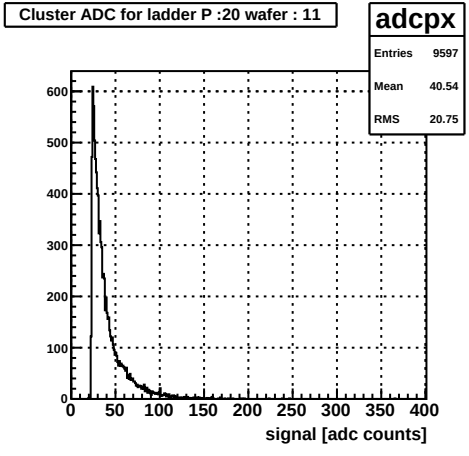

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13393
Mean 27.1
RMS 12.49
signal [adc counts]

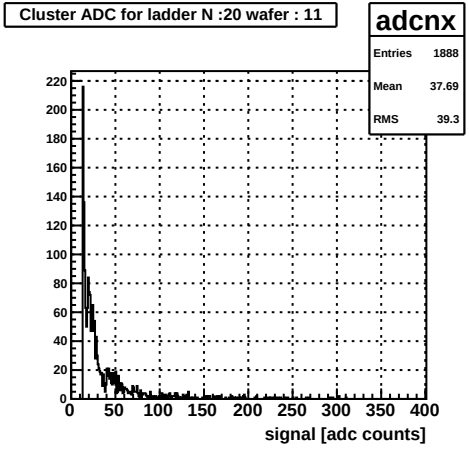

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5871
Mean 29.98
RMS 32.35
signal [adc counts]

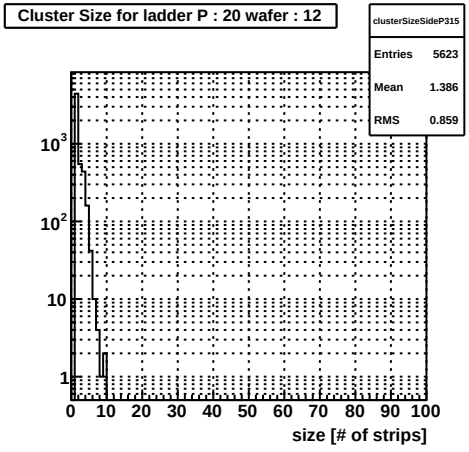

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9597
Mean 1.134
RMS 0.3849
size [# of strips]

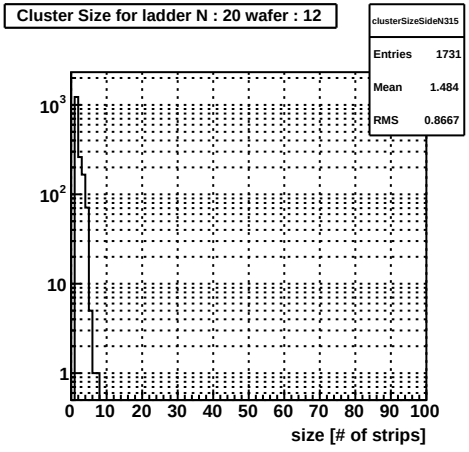

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1888
Mean 1.303
RMS 0.7773
size [# of strips]

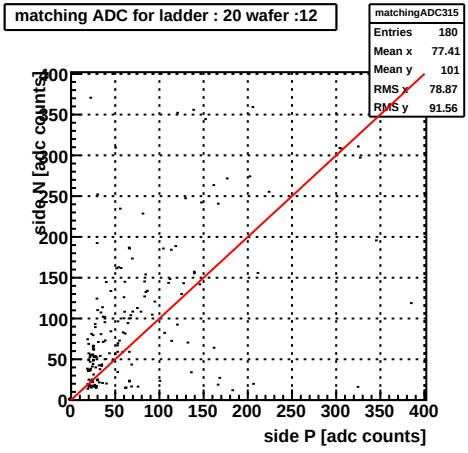

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 140
Mean x 80.42
Mean y 92.64
RMS x 52.79
RMS y 61.2
side N [adc counts]
side P [adc counts]

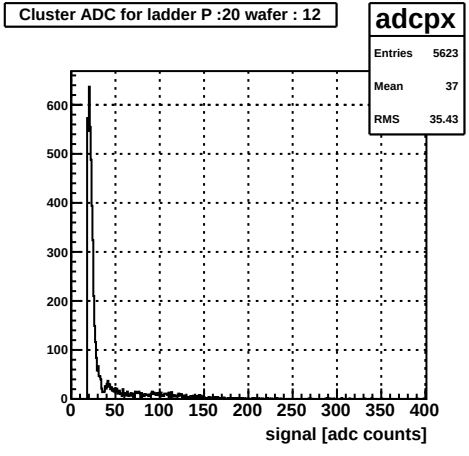

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9597
Mean 40.54
RMS 20.75
signal [adc counts]

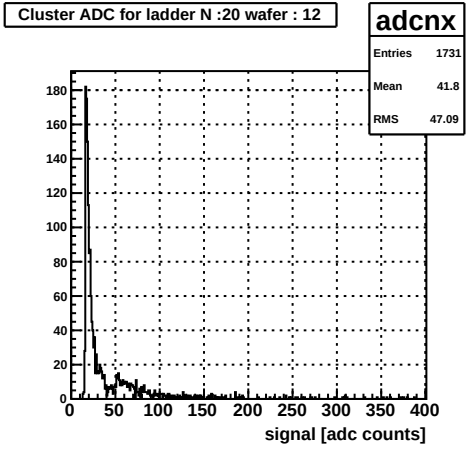

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1888
Mean 37.69
RMS 39.3
signal [adc counts]

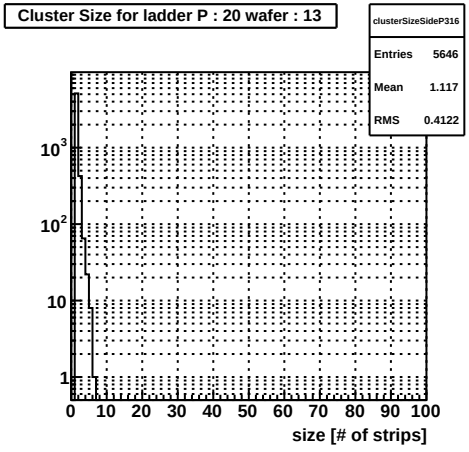

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5623
Mean 1.386
RMS 0.859
size [# of strips]

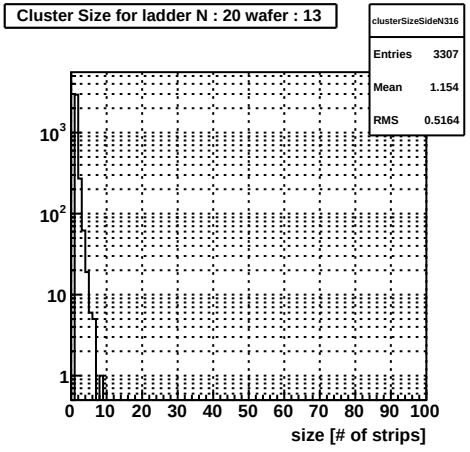

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1731
Mean 1.484
RMS 0.8667
size [# of strips]

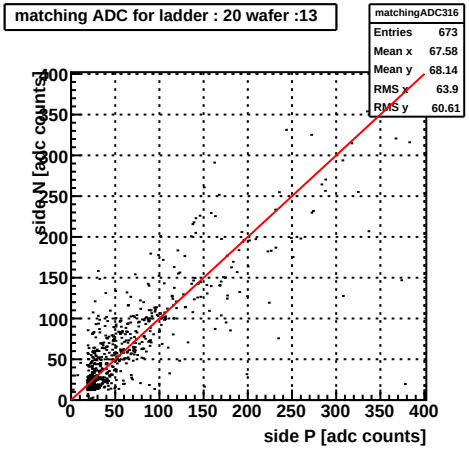

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 180
Mean x 77.41
Mean y 101
RMS x 78.87
RMS y 91.56
side N [adc counts]
side P [adc counts]

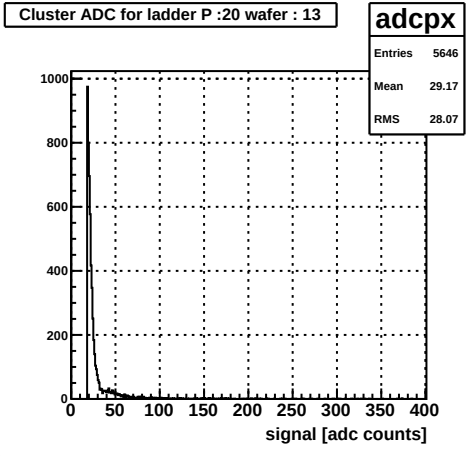

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5623
Mean 37
RMS 35.43
signal [adc counts]

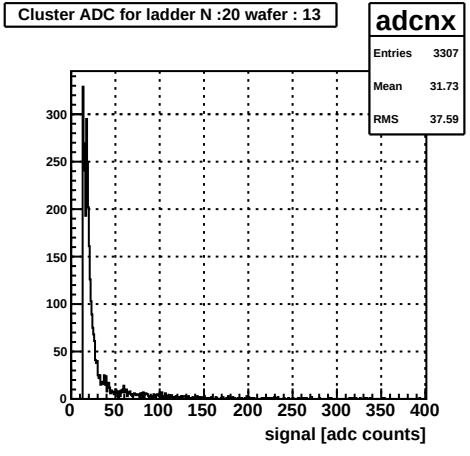

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1731
Mean 41.8
RMS 47.09
signal [adc counts]

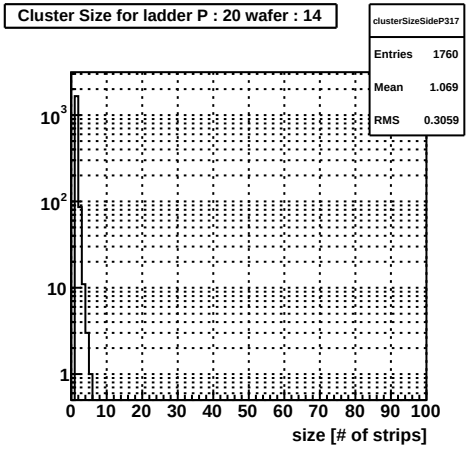

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5646
Mean 1.117
RMS 0.4122
size [# of strips]

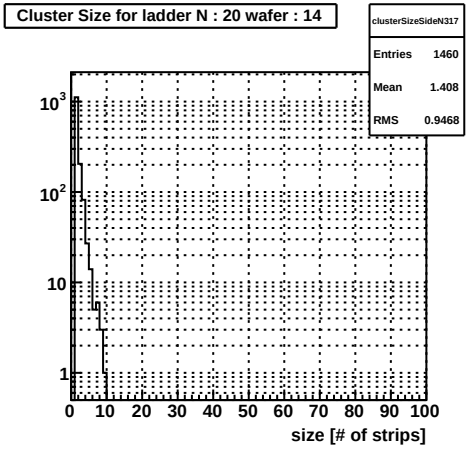

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3307
Mean 1.154
RMS 0.5164
size [# of strips]

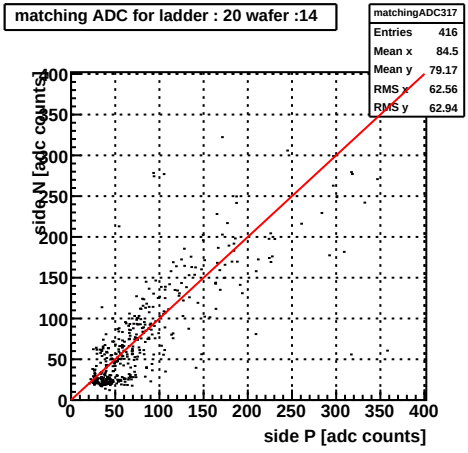

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 673
Mean x 67.58
Mean y 68.14
RMS x 63.9
RMS y 60.61
side N [adc counts]
side P [adc counts]

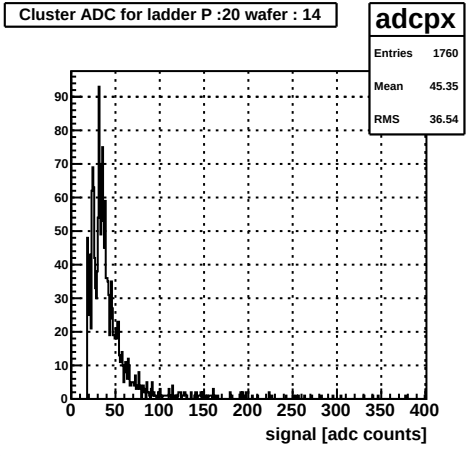

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5646
Mean 29.17
RMS 28.07
signal [adc counts]

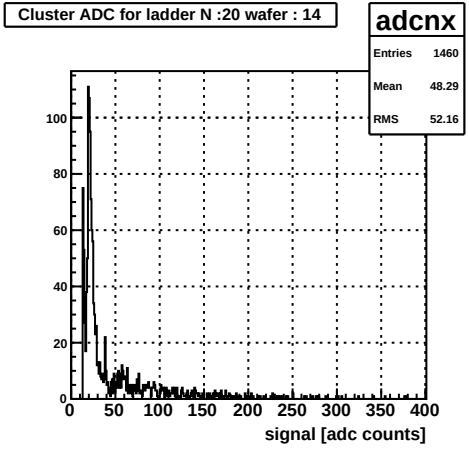

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3307
Mean 31.73
RMS 37.59
signal [adc counts]

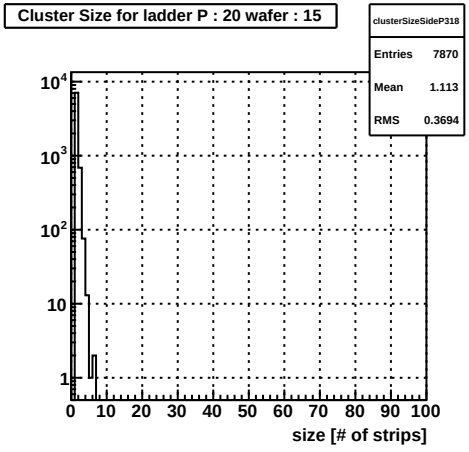

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1760
Mean 1.069
RMS 0.3059
size [# of strips]

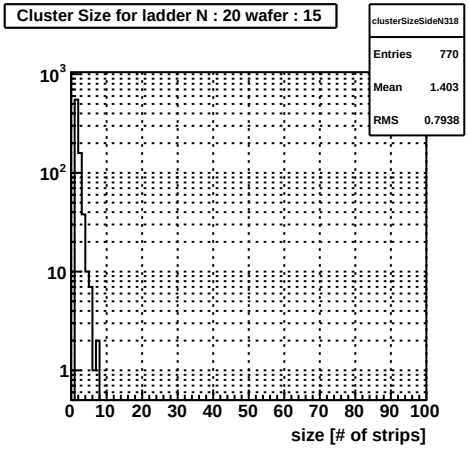

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1460
Mean 1.408
RMS 0.9468
size [# of strips]

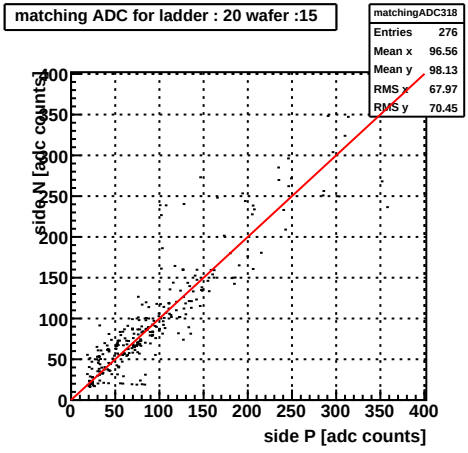

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 416
Mean x 84.5
Mean y 79.17
RMS x 62.56
RMS y 62.94
side N [adc counts]
side P [adc counts]

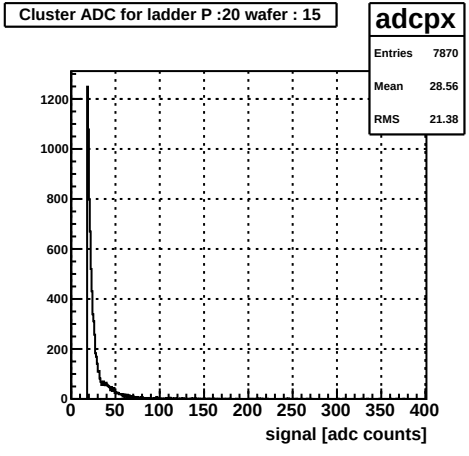

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1760
Mean 45.35
RMS 36.54
signal [adc counts]

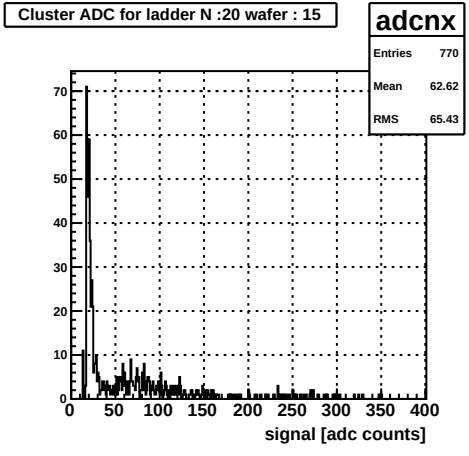

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1460
Mean 48.29
RMS 52.16
signal [adc counts]

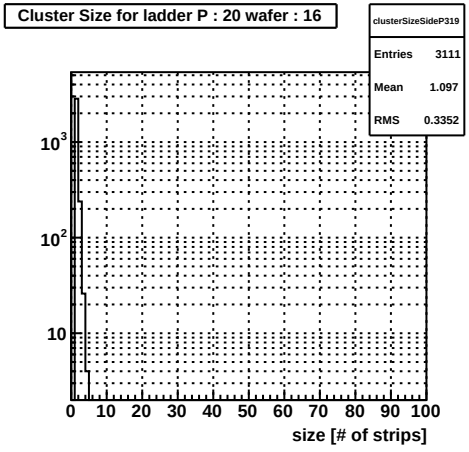

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7870
Mean 1.113
RMS 0.3694
size [# of strips]

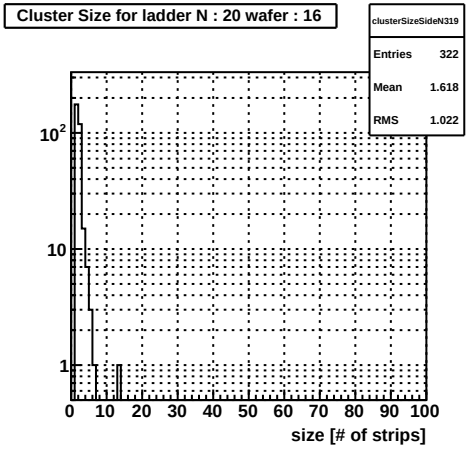

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 770
Mean 1.403
RMS 0.7938
size [# of strips]

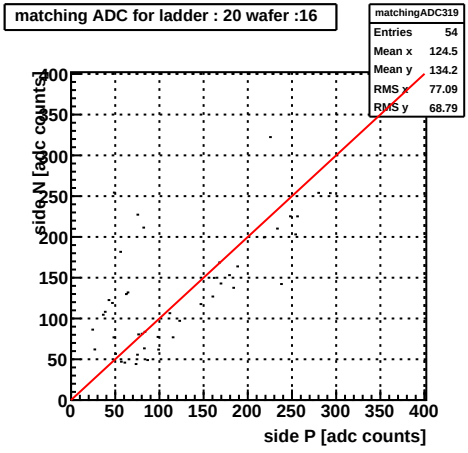

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 276
Mean x 96.56
Mean y 98.13
RMS x 67.97
RMS y 70.45
side N [adc counts]
side P [adc counts]

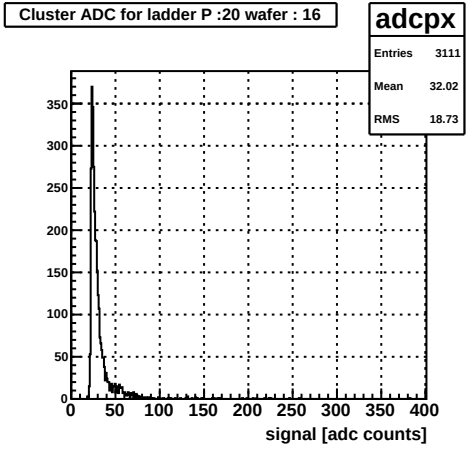

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7870
Mean 28.56
RMS 21.38
signal [adc counts]

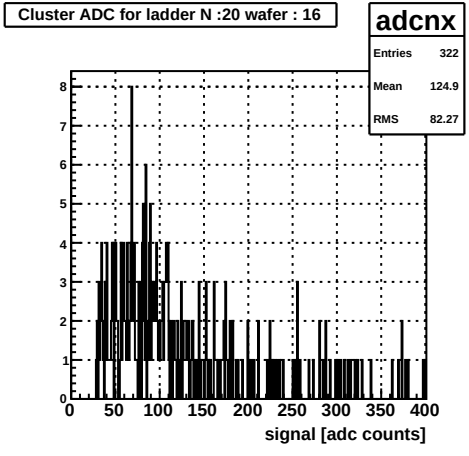

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 770
Mean 62.62
RMS 65.43
signal [adc counts]

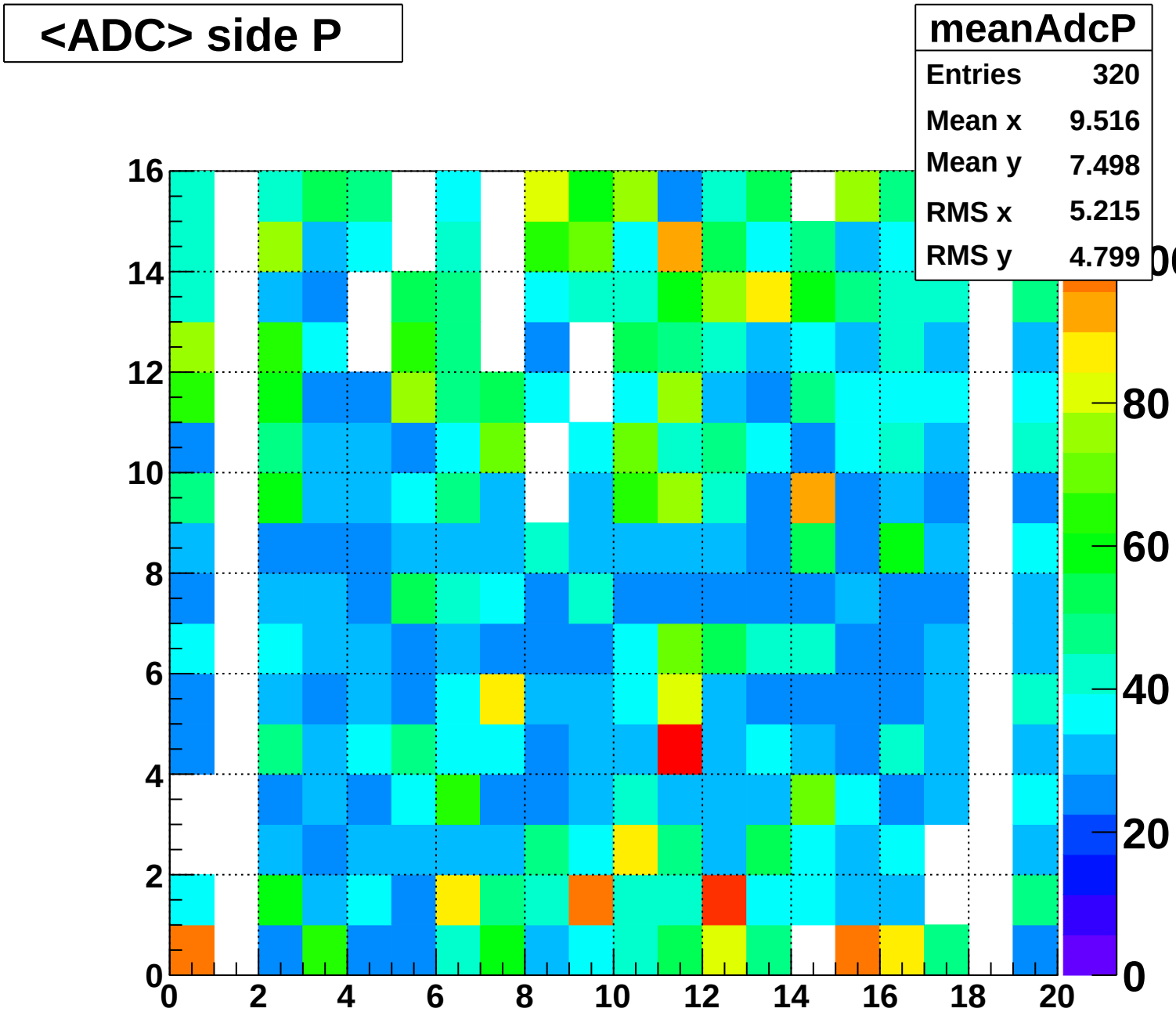

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3111
Mean 1.097
RMS 0.3352
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 322
Mean 1.618
RMS 1.022
size [# of strips]

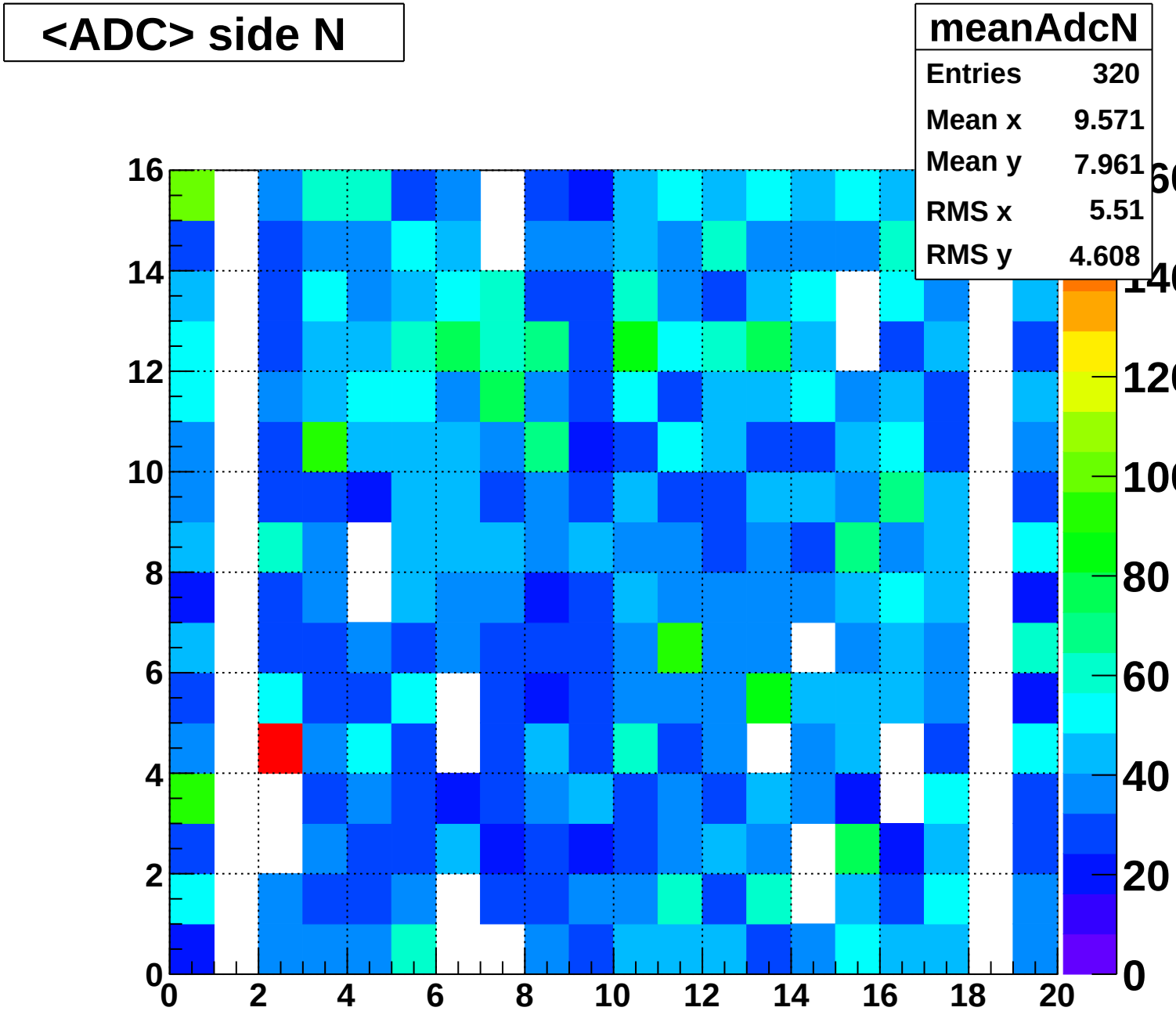

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 54
Mean x 124.5
Mean y 134.2
RMS x 77.09
RMS y 68.79
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3111
Mean 32.02
RMS 18.73
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 322
Mean 124.9
RMS 82.27
signal [adc counts]



2016-05-24 03:07:57



2016-05-24 03:07:57