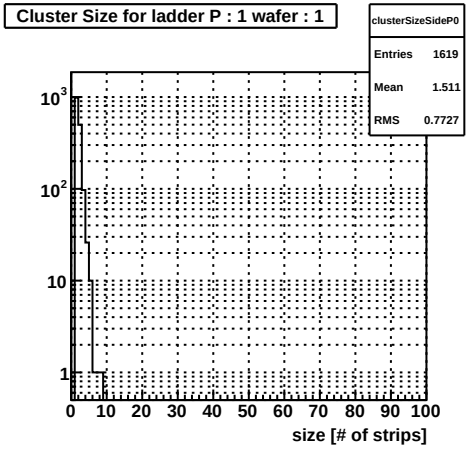
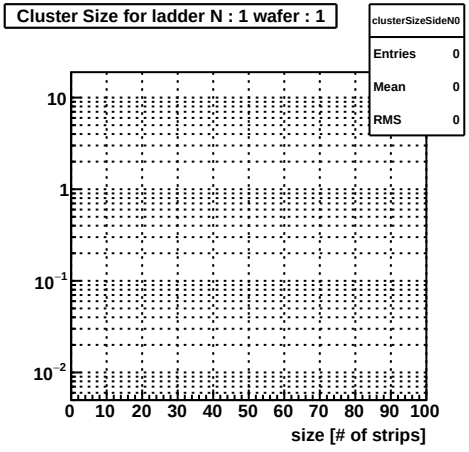
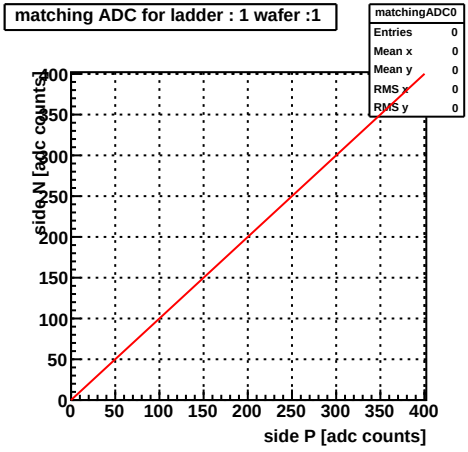
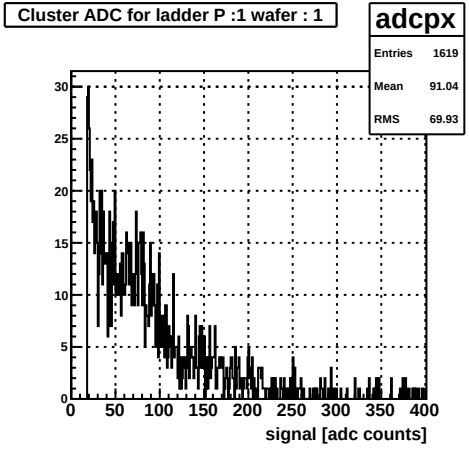
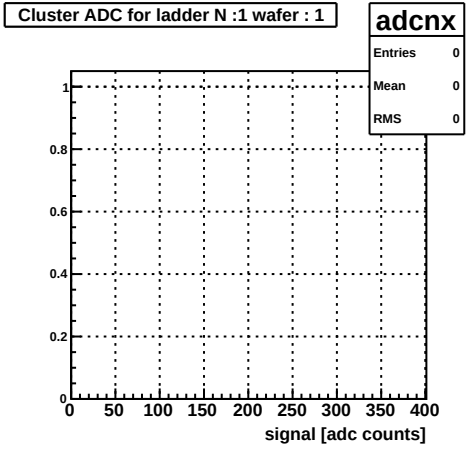
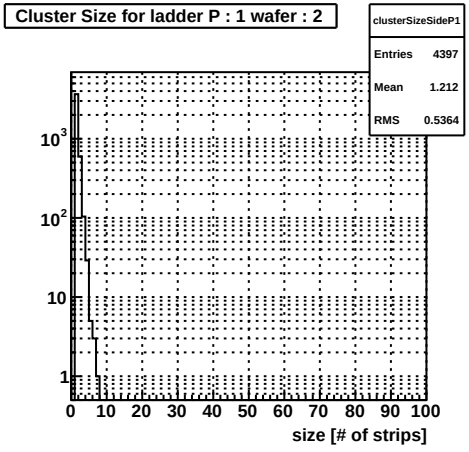

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1619
Mean 1.511
RMS 0.7727
size [# of strips]

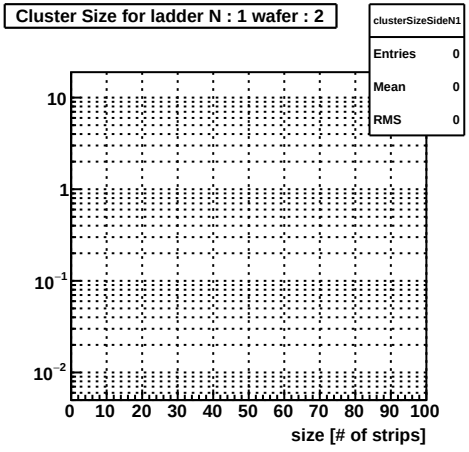

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

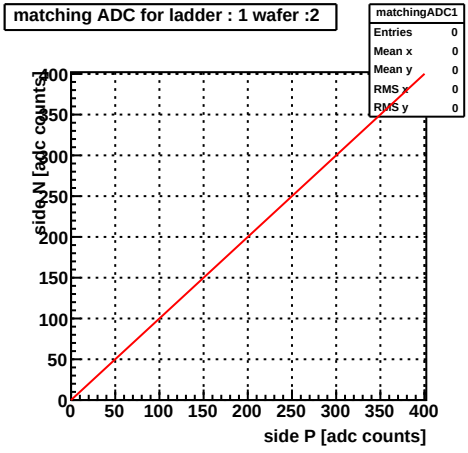

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

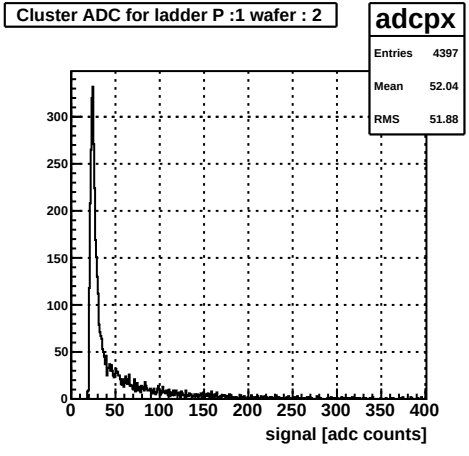

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1619
Mean 91.04
RMS 69.93
signal [adc counts]

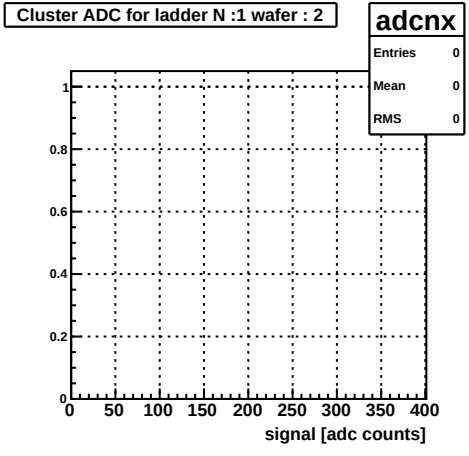

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

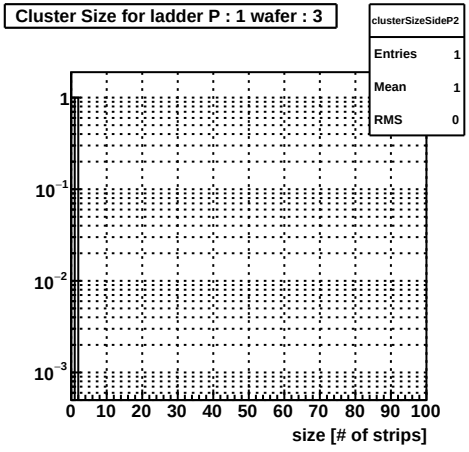

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4397
Mean 1.212
RMS 0.5364
size [# of strips]

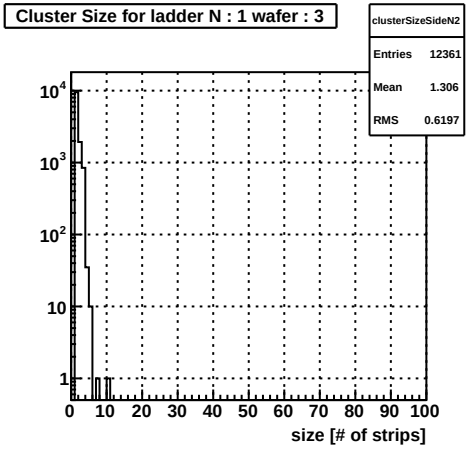

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

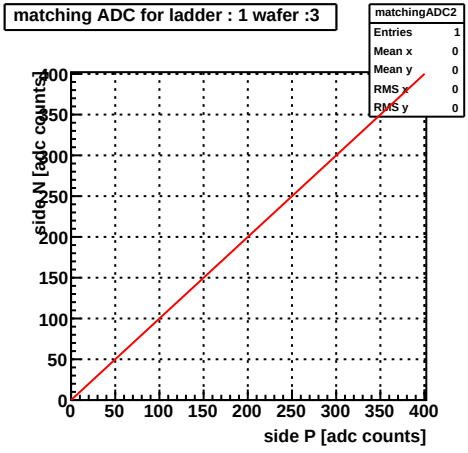

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

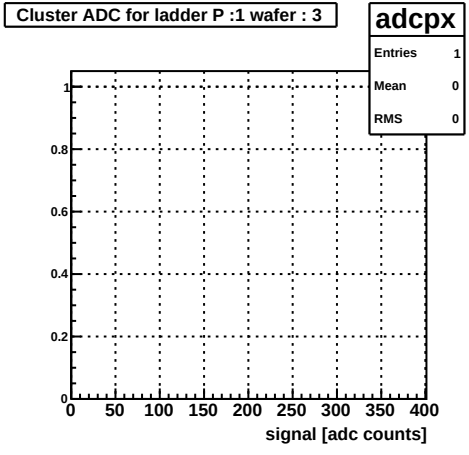

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4397
Mean 52.04
RMS 51.88
signal [adc counts]

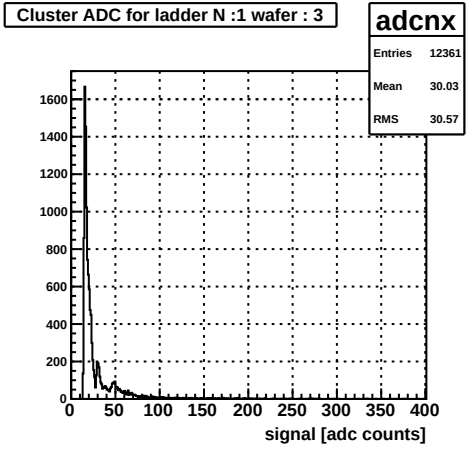

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

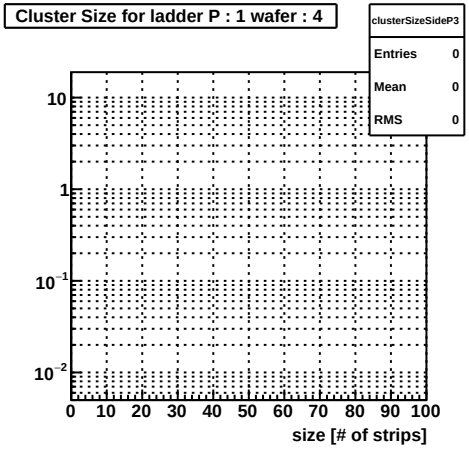

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

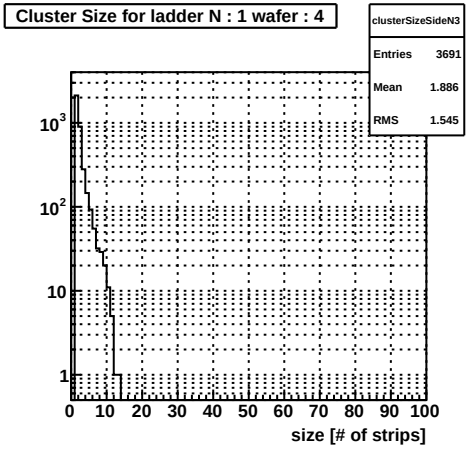

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 12361
Mean 1.306
RMS 0.6197
size [# of strips]

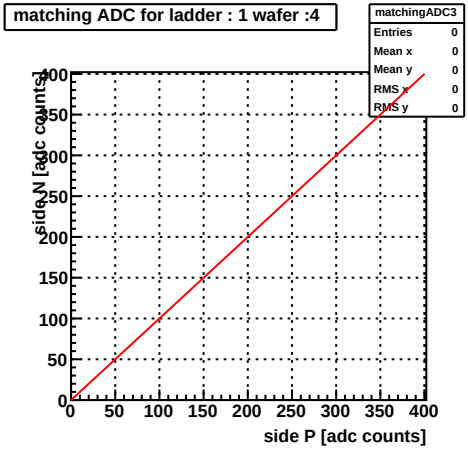

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

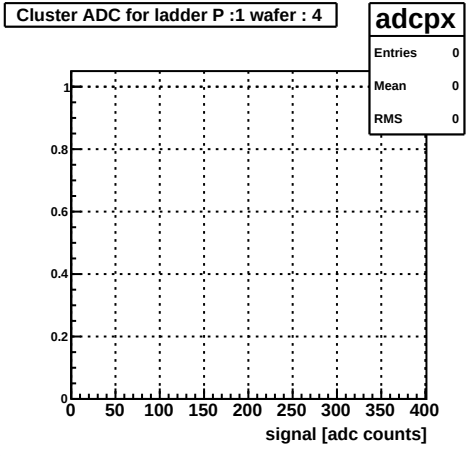

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

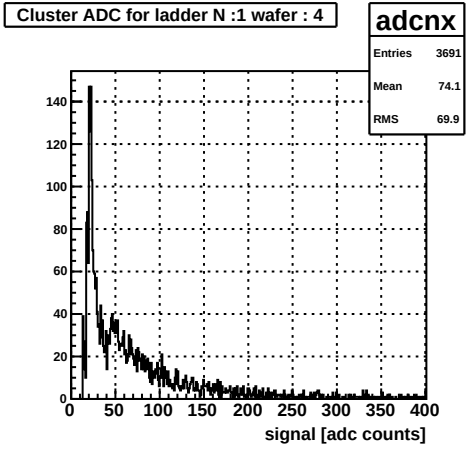

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 12361
Mean 30.03
RMS 30.57
signal [adc counts]

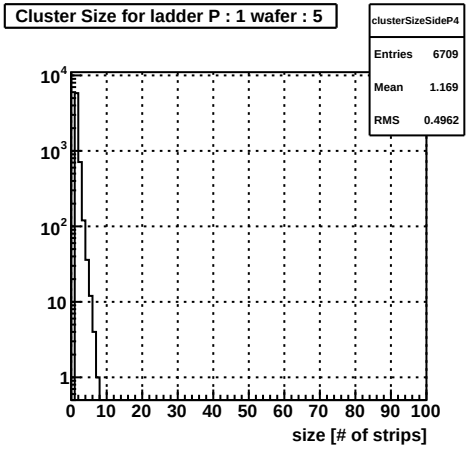

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

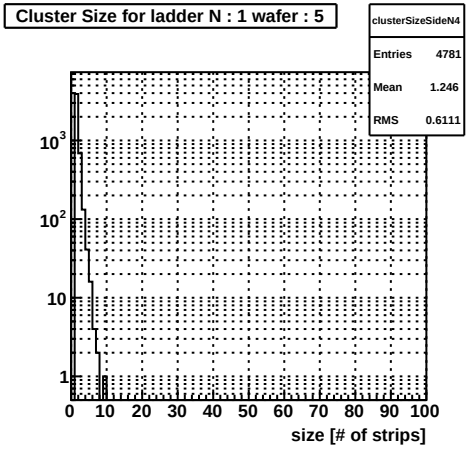

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3691
Mean 1.886
RMS 1.545
size [# of strips]

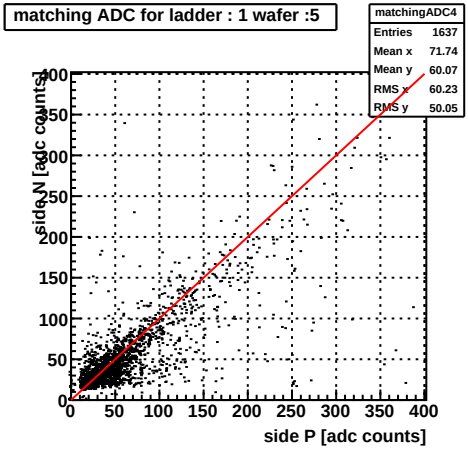

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

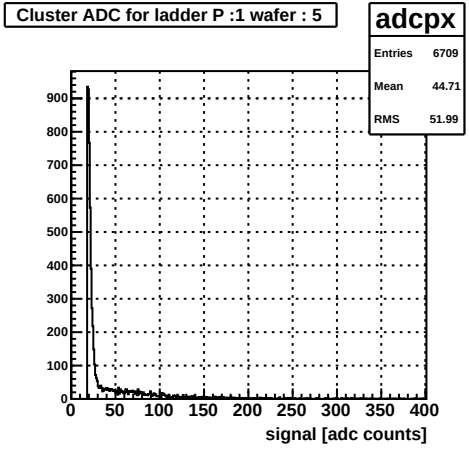

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

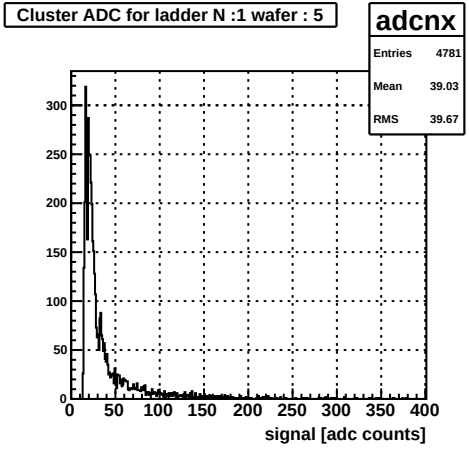

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3691
Mean 74.1
RMS 69.9
signal [adc counts]

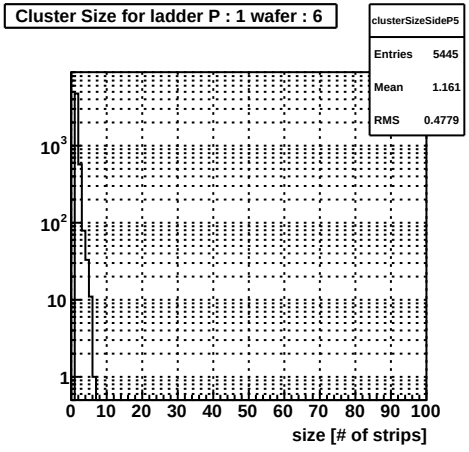

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 6709
Mean 1.169
RMS 0.4962
size [# of strips]

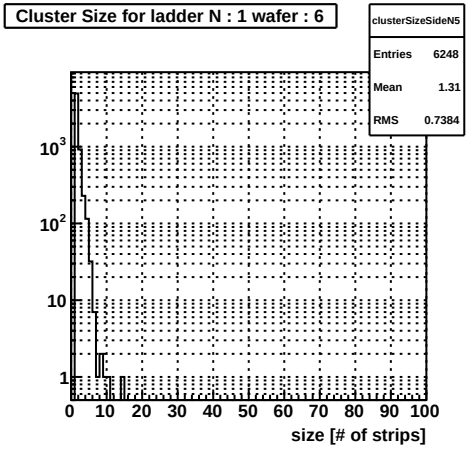

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4781
Mean 1.246
RMS 0.6111
size [# of strips]

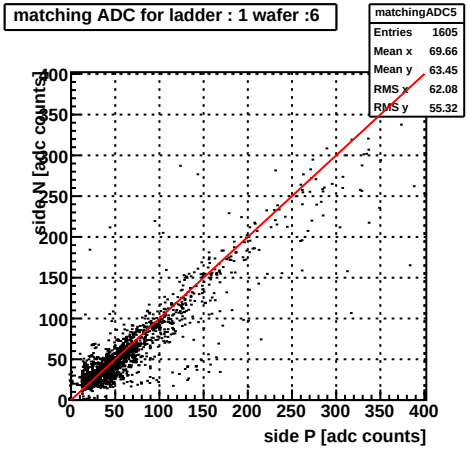

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1637
Mean x 71.74
Mean y 60.07
RMS x 60.23
RMS y 50.05
side N [adc counts]
side P [adc counts]

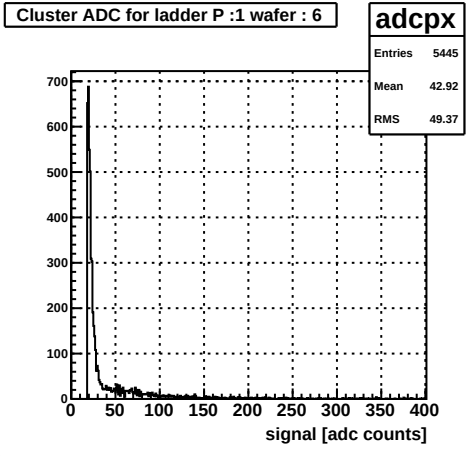

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 6709
Mean 44.71
RMS 51.99
signal [adc counts]

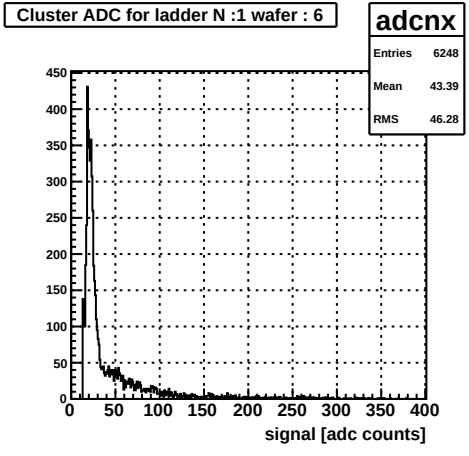

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4781
Mean 39.03
RMS 39.67
signal [adc counts]

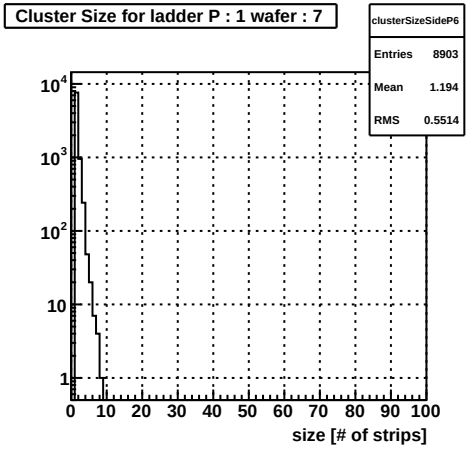

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5445
Mean 1.161
RMS 0.4779
size [# of strips]

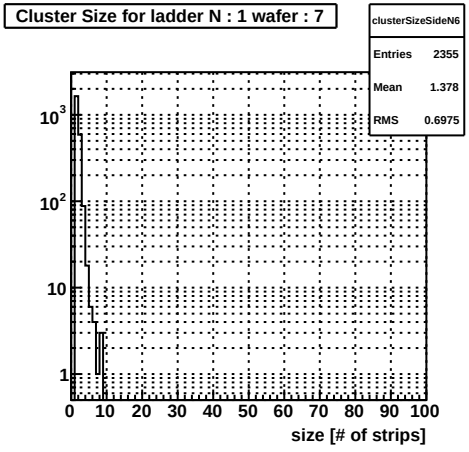

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6248
Mean 1.31
RMS 0.7384
size [# of strips]

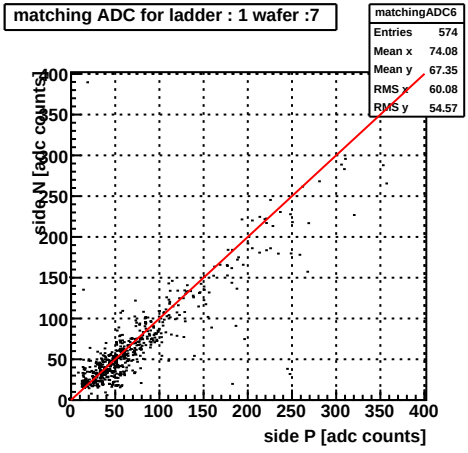

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1605
Mean x 69.66
Mean y 63.45
RMS x 62.08
RMS y 55.32
side N [adc counts]
side P [adc counts]

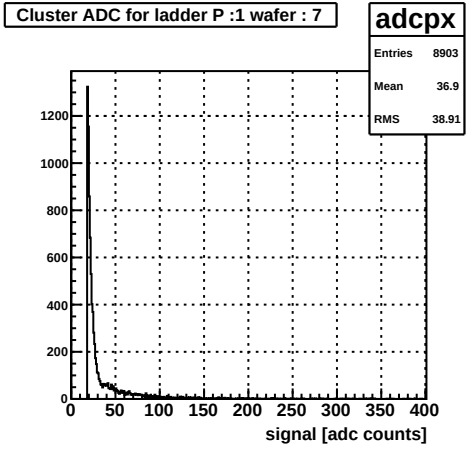

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5445
Mean 42.92
RMS 49.37
signal [adc counts]

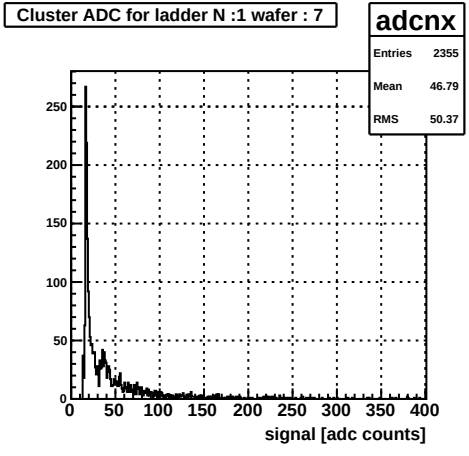

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6248
Mean 43.39
RMS 46.28
signal [adc counts]

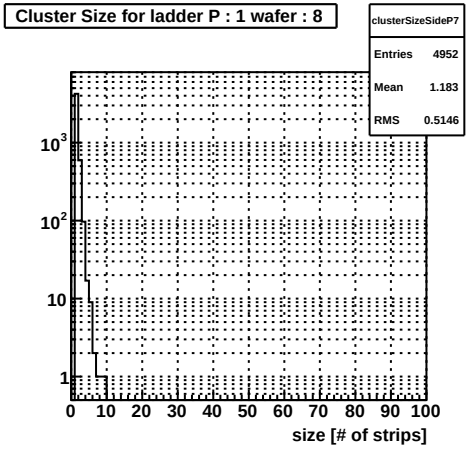

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8903
Mean 1.194
RMS 0.5514
size [# of strips]

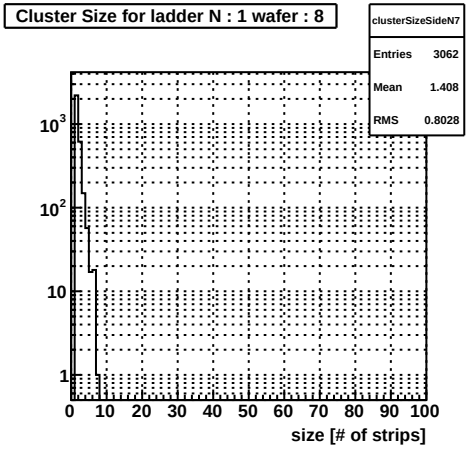

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2355
Mean 1.378
RMS 0.6975
size [# of strips]

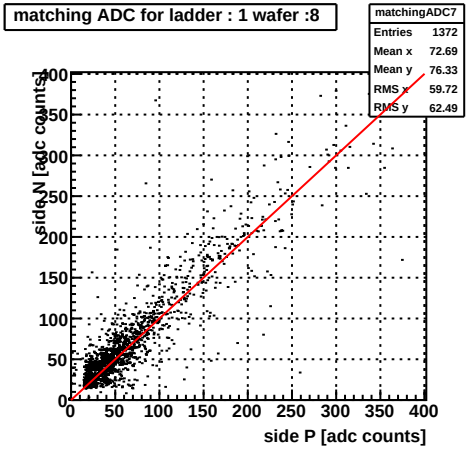

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 574
Mean x 74.08
Mean y 67.35
RMS x 60.08
RMS y 54.57
side N [adc counts]
side P [adc counts]

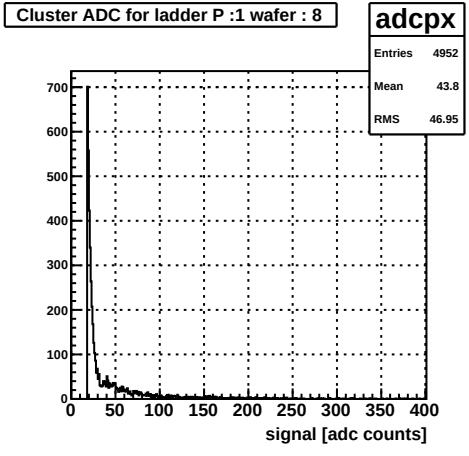

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8903
Mean 36.9
RMS 38.91
signal [adc counts]

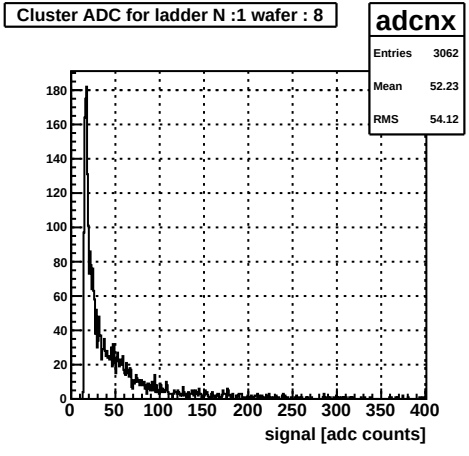

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2355
Mean 46.79
RMS 50.37
signal [adc counts]

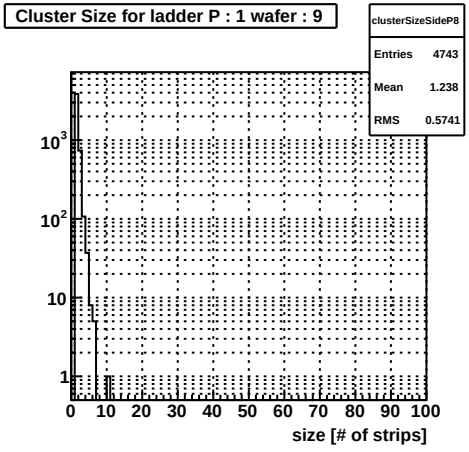

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4952
Mean 1.183
RMS 0.5146
size [# of strips]

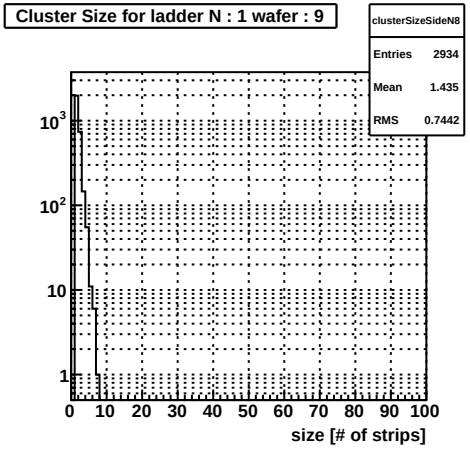

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3062
Mean 1.408
RMS 0.8028
size [# of strips]

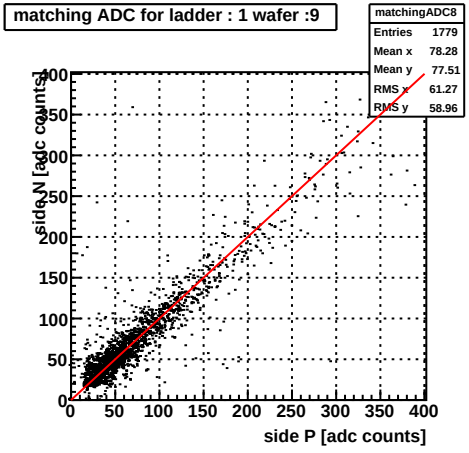

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 1372
Mean x 72.69
Mean y 76.33
RMS x 59.72
RMS y 62.49
side N [adc counts]
side P [adc counts]

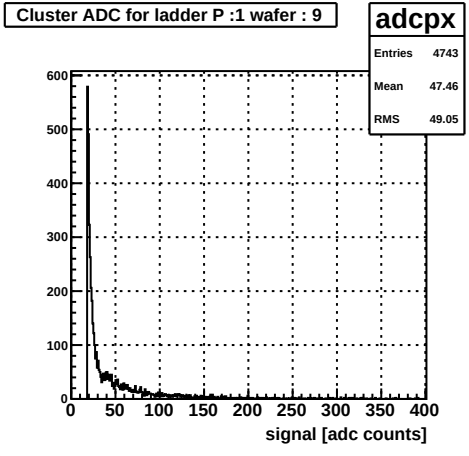

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4952
Mean 43.8
RMS 46.95
signal [adc counts]

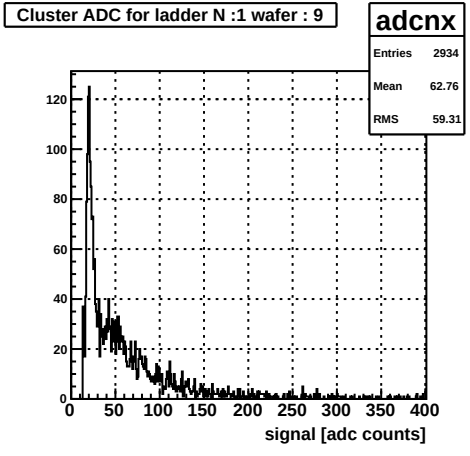

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3062
Mean 52.23
RMS 54.12
signal [adc counts]

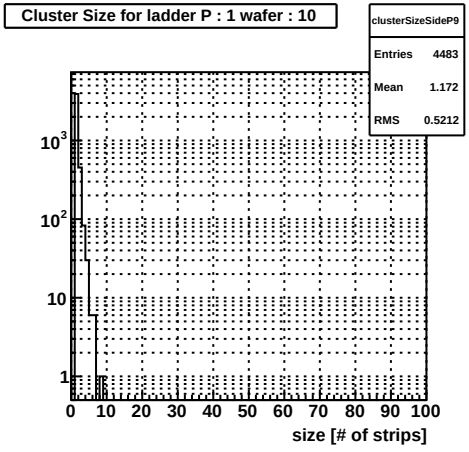

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4743
Mean 1.238
RMS 0.5741
size [# of strips]

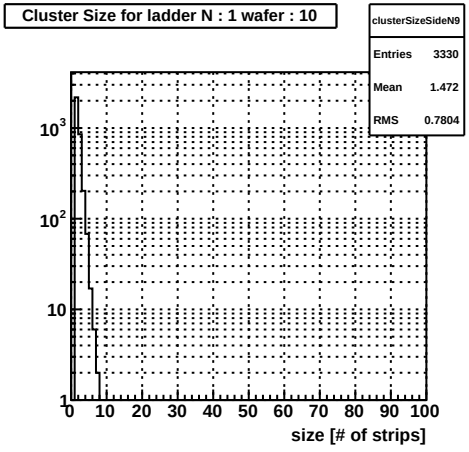

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2934
Mean 1.435
RMS 0.7442
size [# of strips]

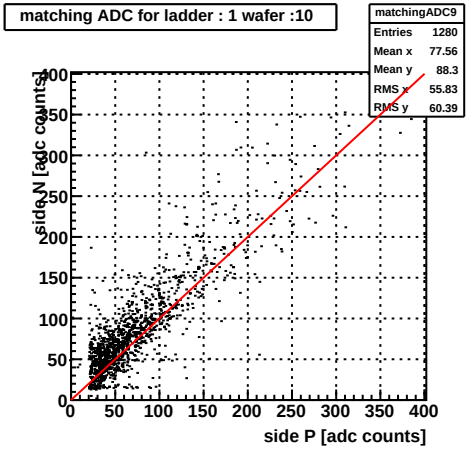

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1779
Mean x 78.28
Mean y 77.51
RMS x 61.27
RMS y 58.96
side N [adc counts]
side P [adc counts]

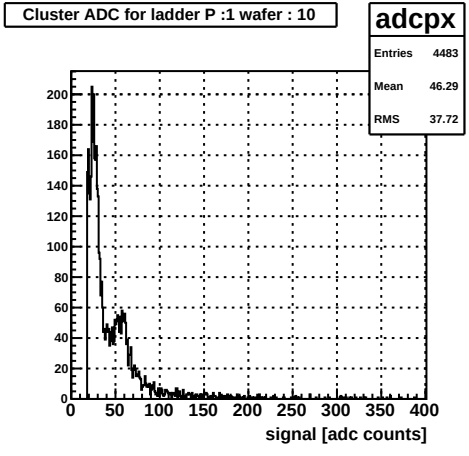

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4743
Mean 47.46
RMS 49.05
signal [adc counts]

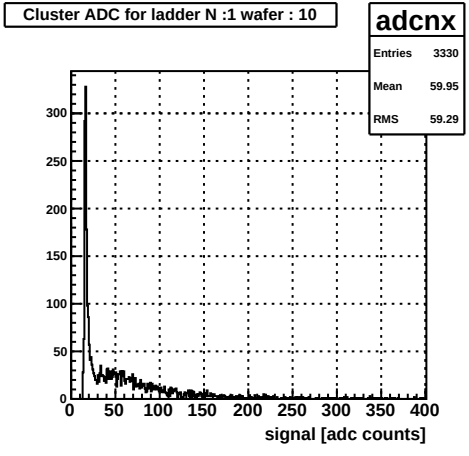

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2934
Mean 62.76
RMS 59.31
signal [adc counts]

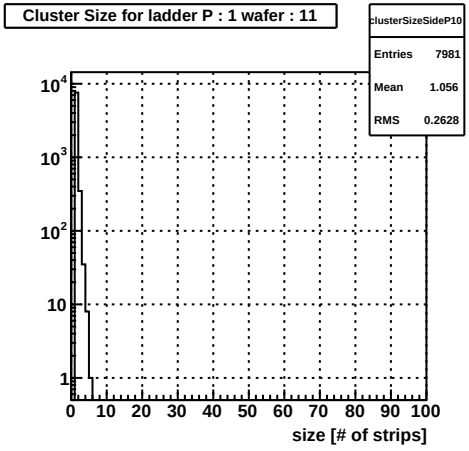

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4483
Mean 1.172
RMS 0.5212
size [# of strips]

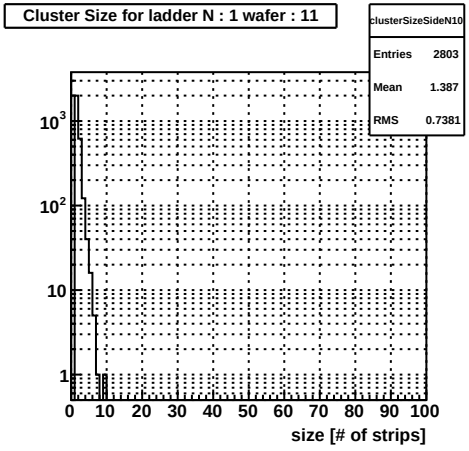

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3330
Mean 1.472
RMS 0.7804
size [# of strips]

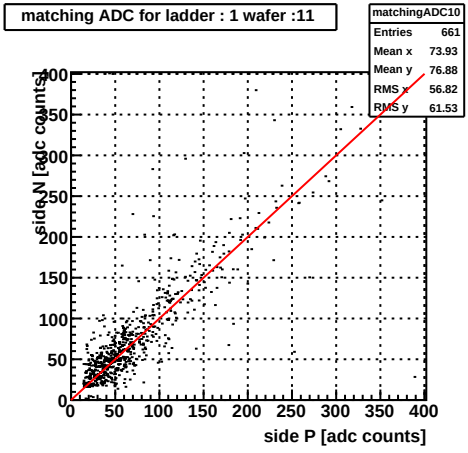

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1280
Mean x 77.56
Mean y 88.3
RMS x 55.83
RMS y 60.39
side N [adc counts]
side P [adc counts]

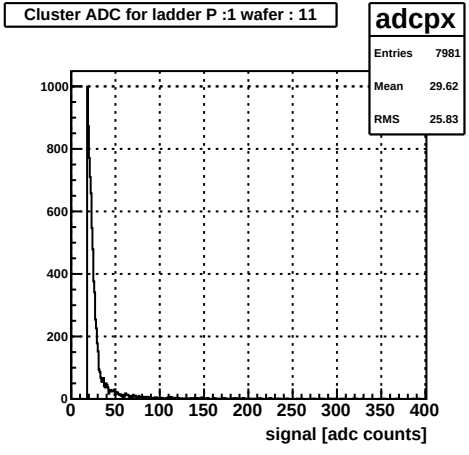

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4483
Mean 46.29
RMS 37.72
signal [adc counts]

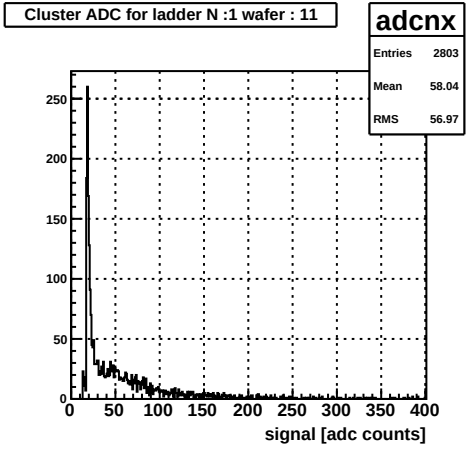

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3330
Mean 59.95
RMS 59.29
signal [adc counts]

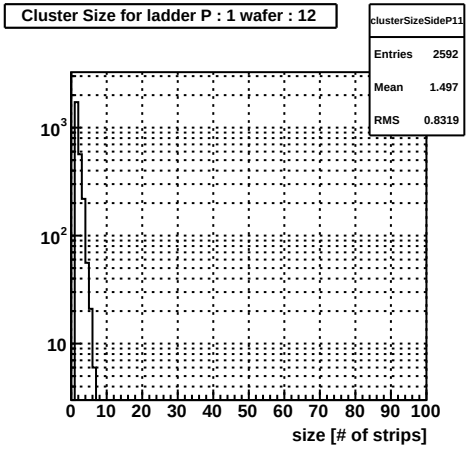

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7981
Mean 1.056
RMS 0.2628
size [# of strips]

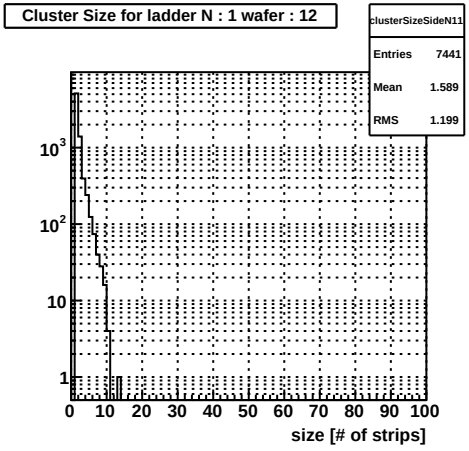

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2803
Mean 1.387
RMS 0.7381
size [# of strips]

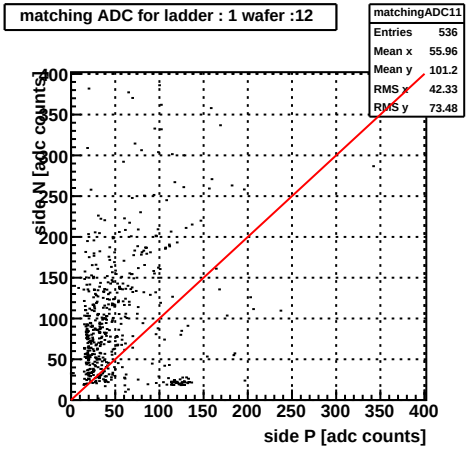

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 661
Mean x 73.93
Mean y 76.88
RMS x 56.82
RMS y 61.53
side N [adc counts]
side P [adc counts]

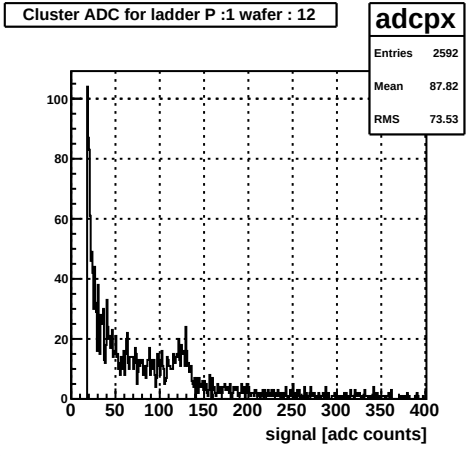

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7981
Mean 29.62
RMS 25.83
signal [adc counts]

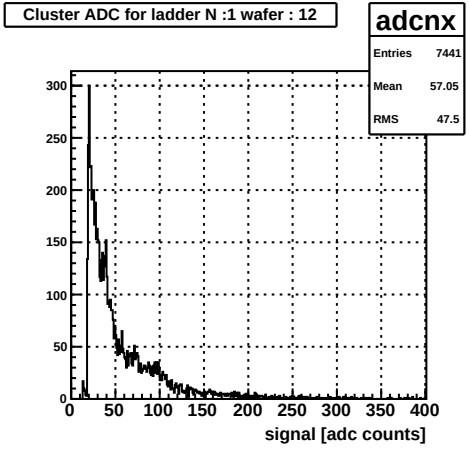

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2803
Mean 58.04
RMS 56.97
signal [adc counts]

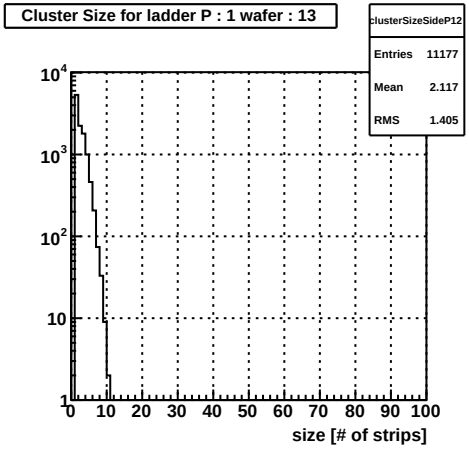

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2592
Mean 1.497
RMS 0.8319
size [# of strips]

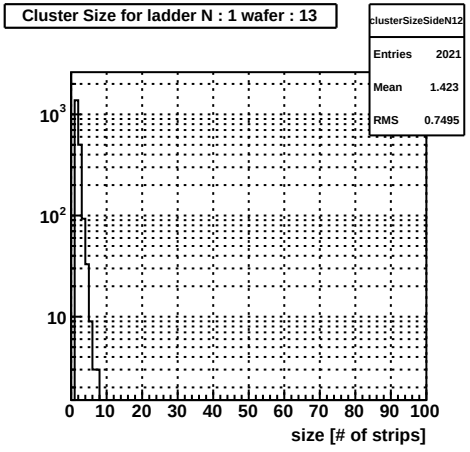

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7441
Mean 1.589
RMS 1.199
size [# of strips]

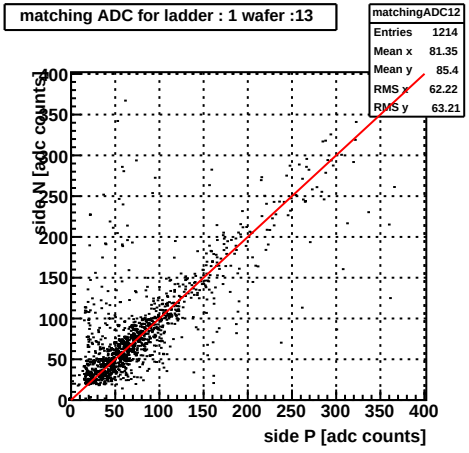

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 536
Mean x 55.96
Mean y 101.2
RMS x 42.33
RMS y 73.48
side N [adc counts]
side P [adc counts]

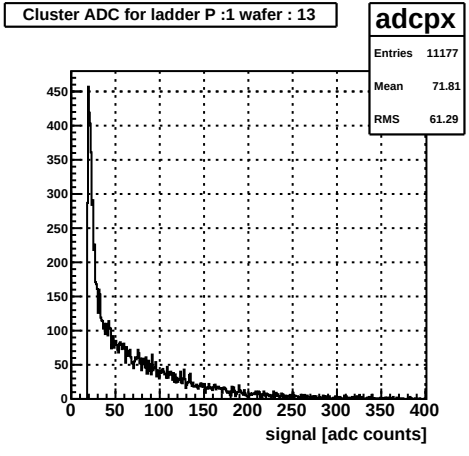

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2592
Mean 87.82
RMS 73.53
signal [adc counts]

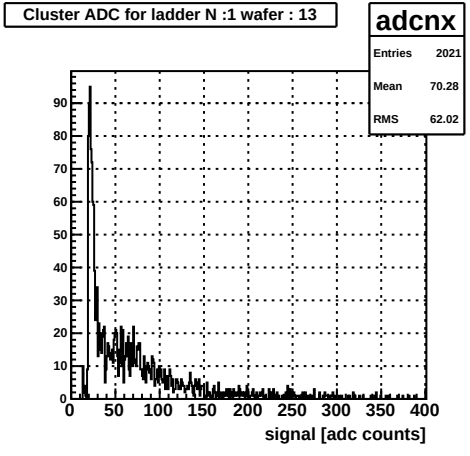

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7441
Mean 57.05
RMS 47.5
signal [adc counts]

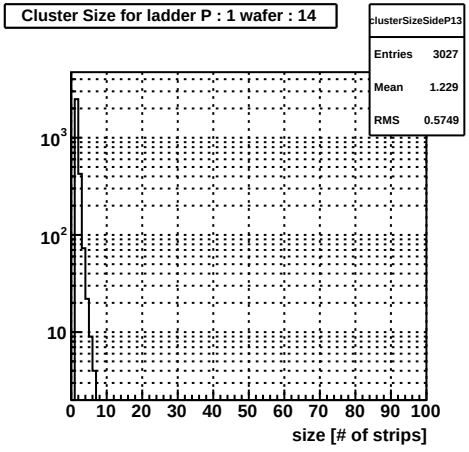

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11177
Mean 2.117
RMS 1.405
size [# of strips]

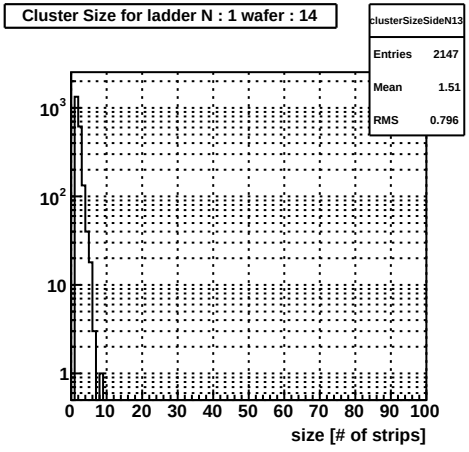

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2021
Mean 1.423
RMS 0.7495
size [# of strips]

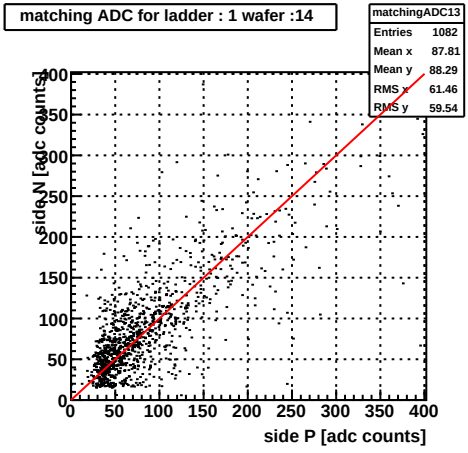

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1214
Mean x 81.35
Mean y 85.4
RMS x 62.22
RMS y 63.21
side N [adc counts]
side P [adc counts]

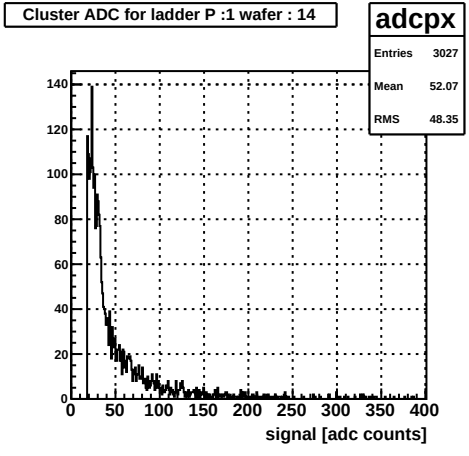

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11177
Mean 71.81
RMS 61.29
signal [adc counts]

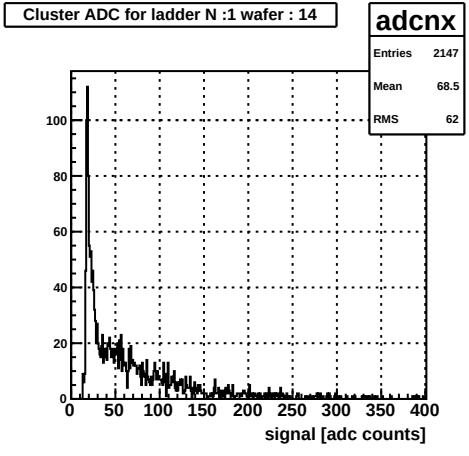

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2021
Mean 70.28
RMS 62.02
signal [adc counts]

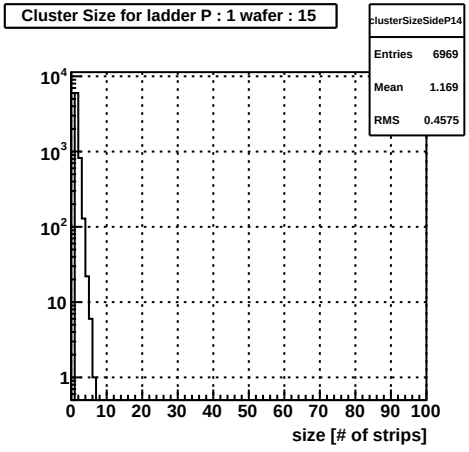

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3027
Mean 1.229
RMS 0.5749
size [# of strips]

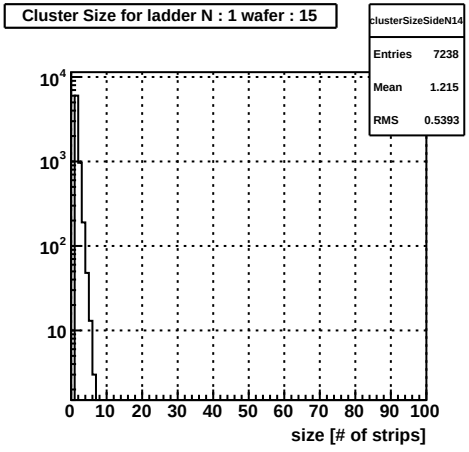

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2147
Mean 1.51
RMS 0.796
size [# of strips]

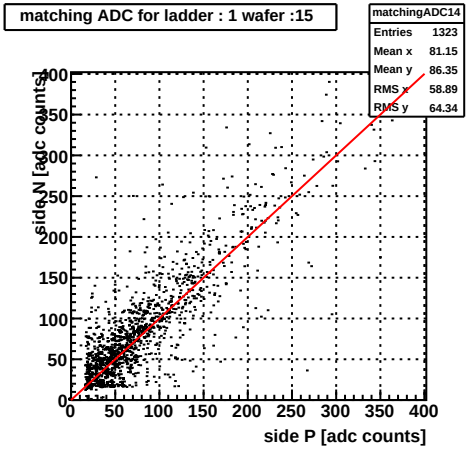

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1082
Mean x 87.81
Mean y 88.29
RMS x 61.46
RMS y 59.54
side N [adc counts]
side P [adc counts]

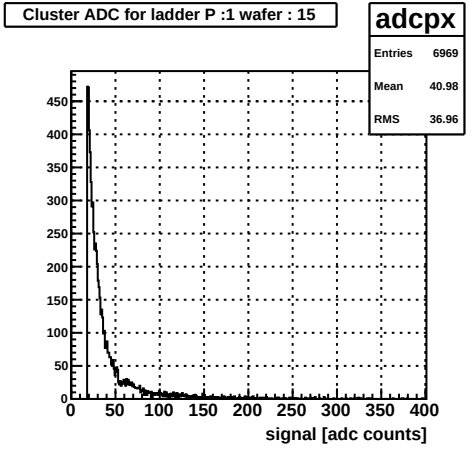

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3027
Mean 52.07
RMS 48.35
signal [adc counts]

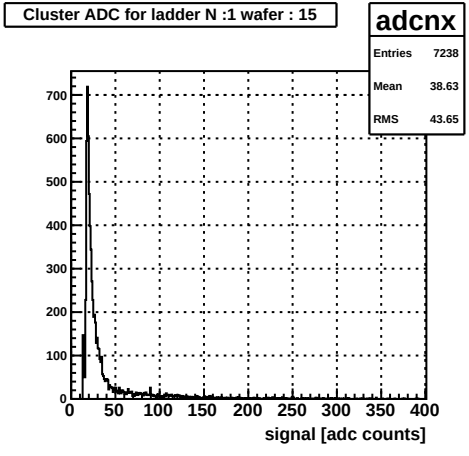

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2147
Mean 68.5
RMS 62
signal [adc counts]

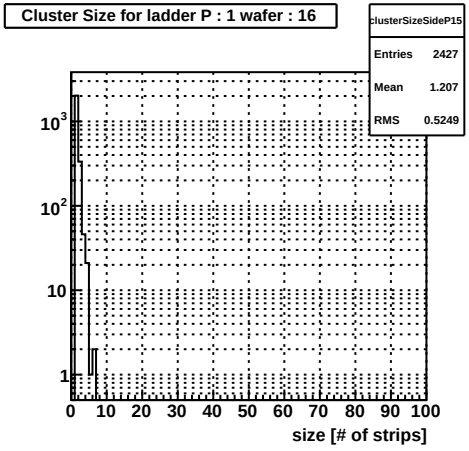

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 6969
Mean 1.169
RMS 0.4575
size [# of strips]

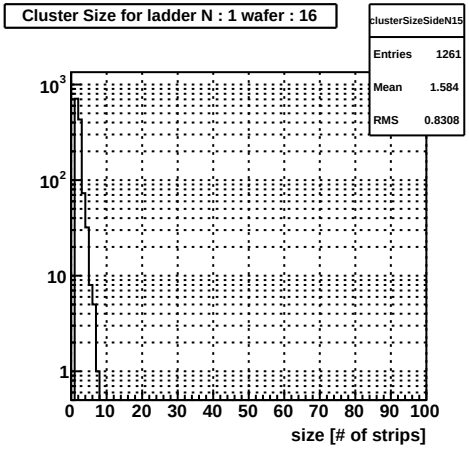

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 7238
Mean 1.215
RMS 0.5393
size [# of strips]

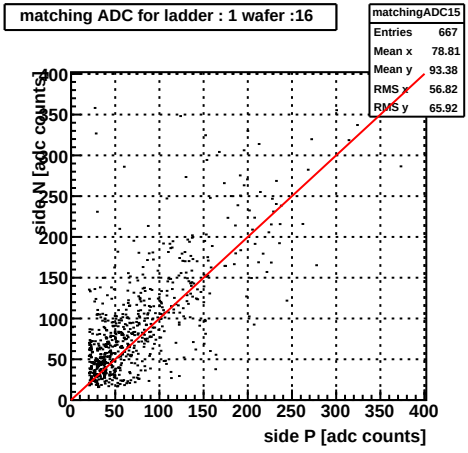

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1323
Mean x 81.15
Mean y 86.35
RMS x 58.89
RMS y 64.34
side N [adc counts]
side P [adc counts]

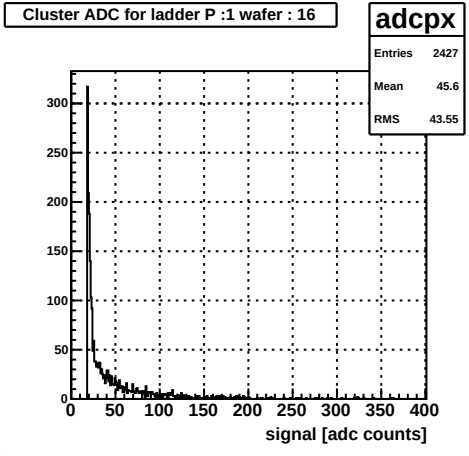

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 6969
Mean 40.98
RMS 36.96
signal [adc counts]

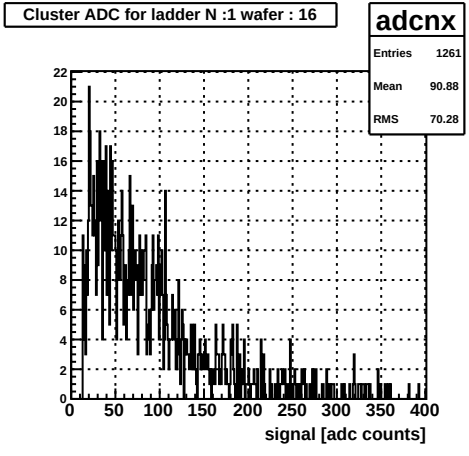

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 7238
Mean 38.63
RMS 43.65
signal [adc counts]

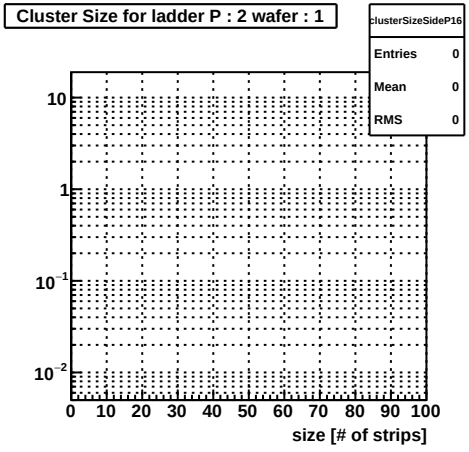

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2427
Mean 1.207
RMS 0.5249
size [# of strips]

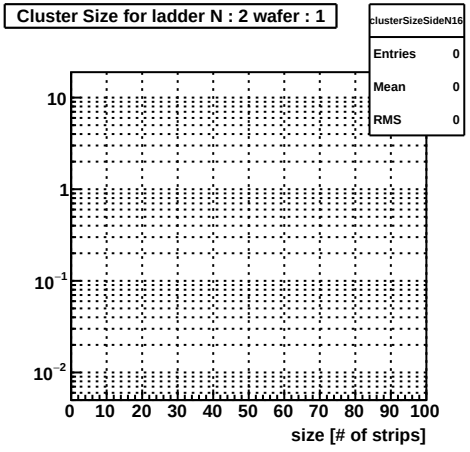

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1261
Mean 1.584
RMS 0.8308
size [# of strips]

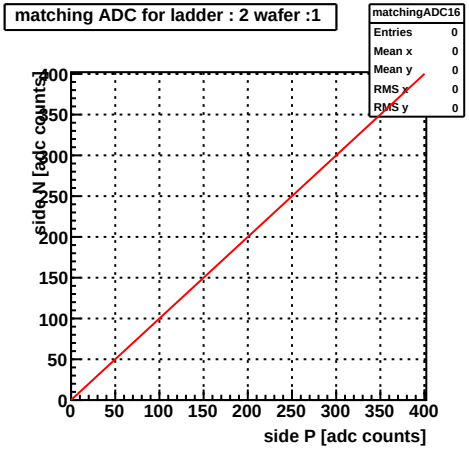

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 667
Mean x 78.81
Mean y 93.38
RMS x 56.82
RMS y 65.92
side N [adc counts]
side P [adc counts]

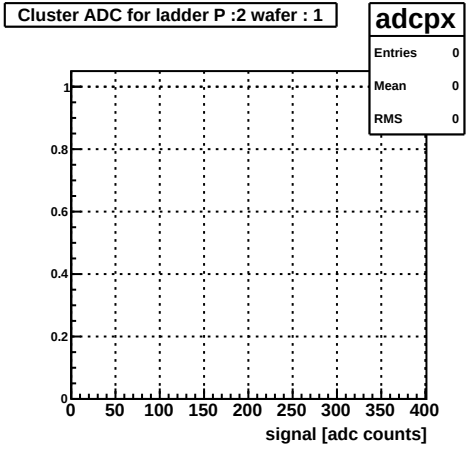

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2427
Mean 45.6
RMS 43.55
signal [adc counts]

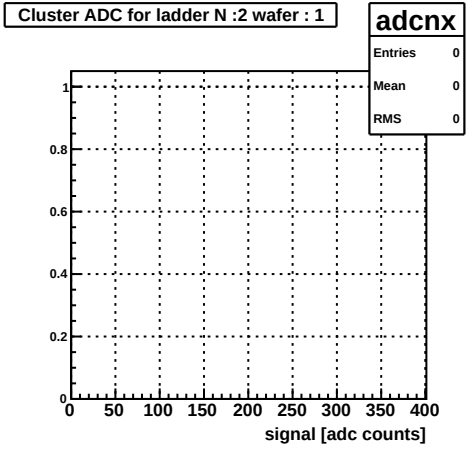

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1261
Mean 90.88
RMS 70.28
signal [adc counts]

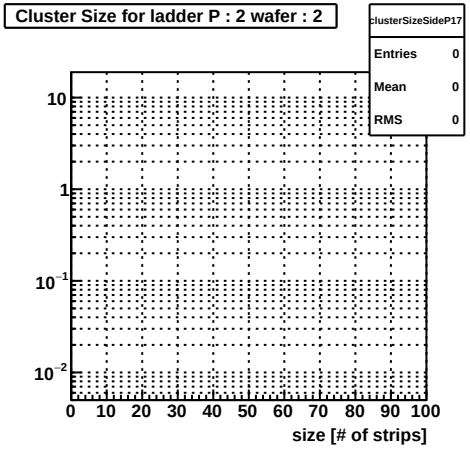

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

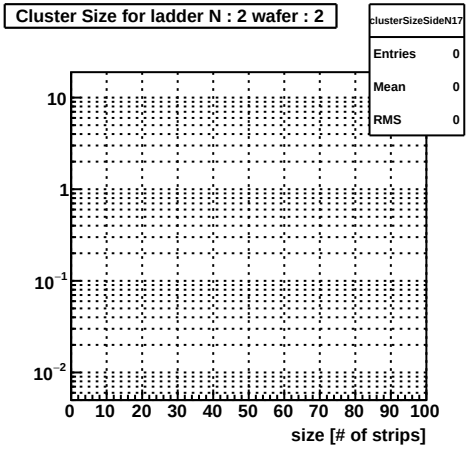

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

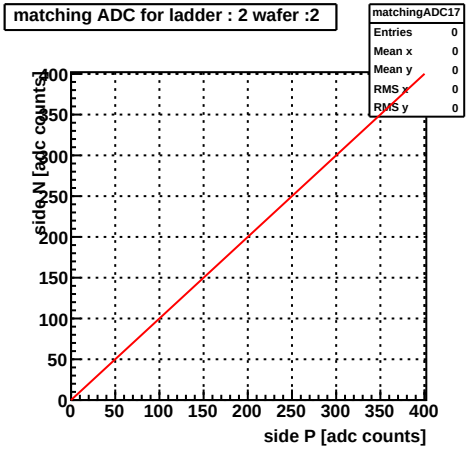

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

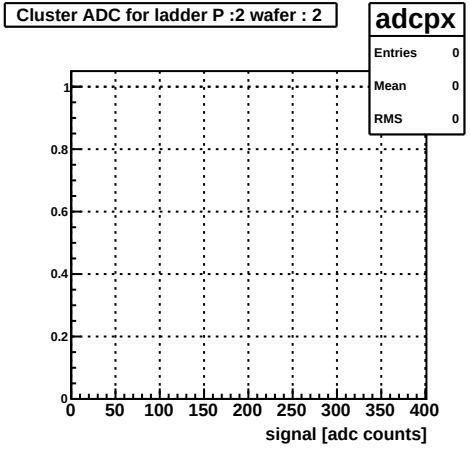

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

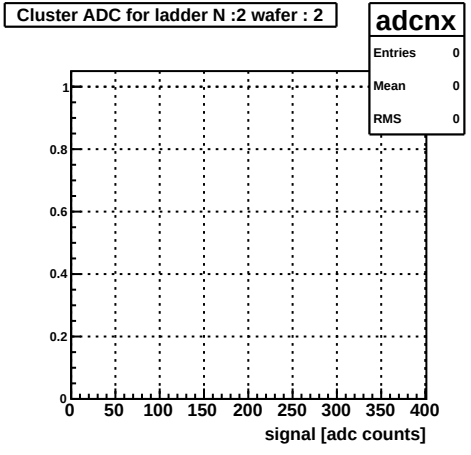

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

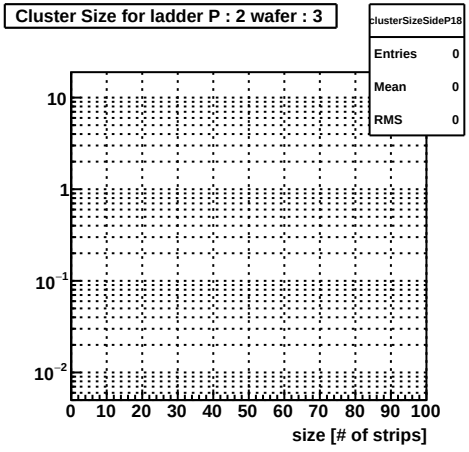

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

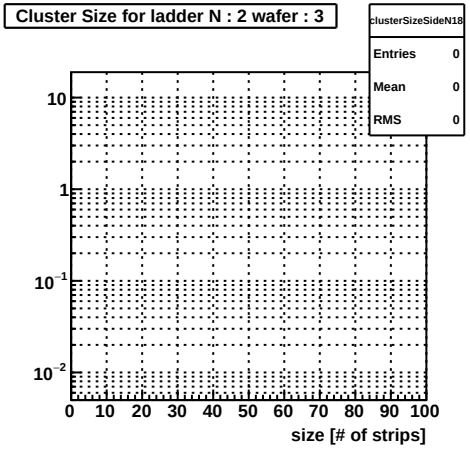

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

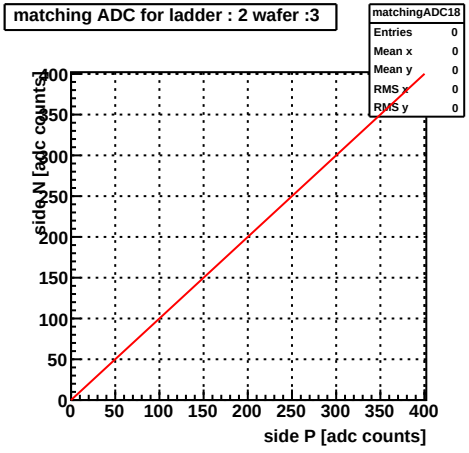

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

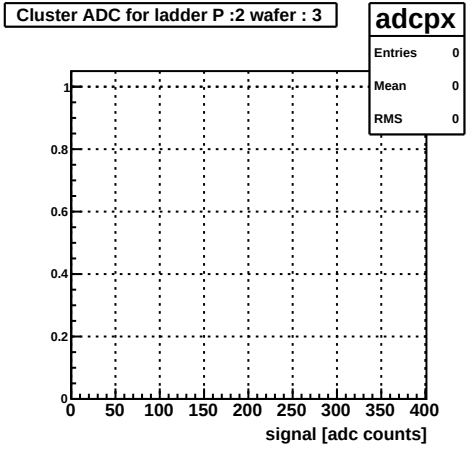

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

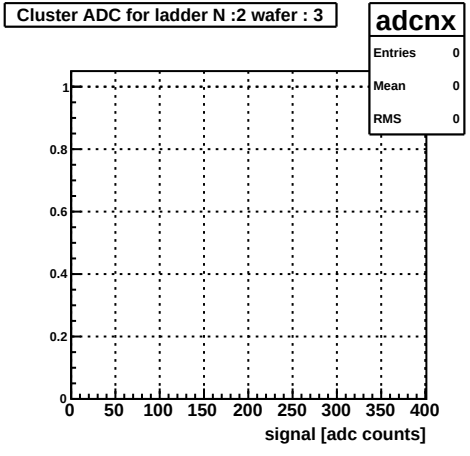

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

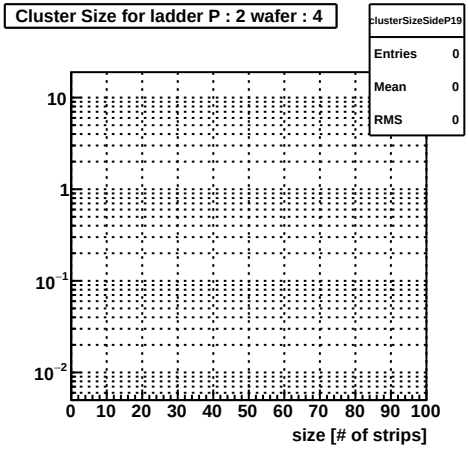

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

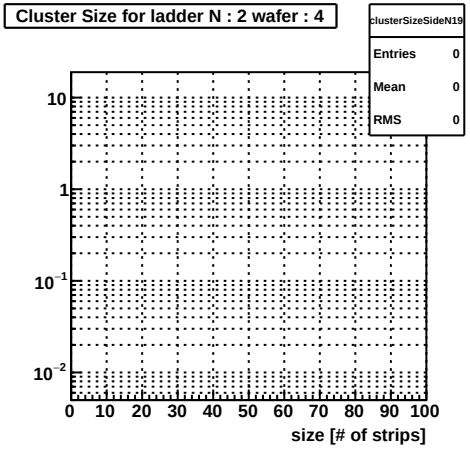

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

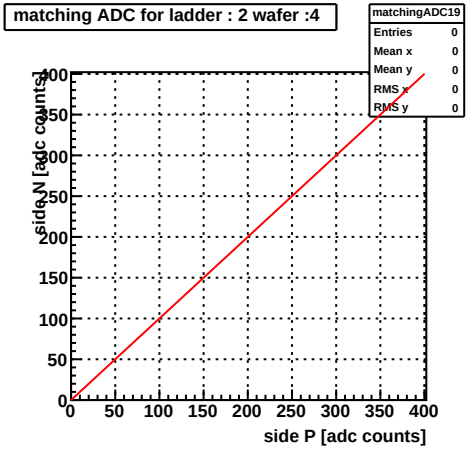

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

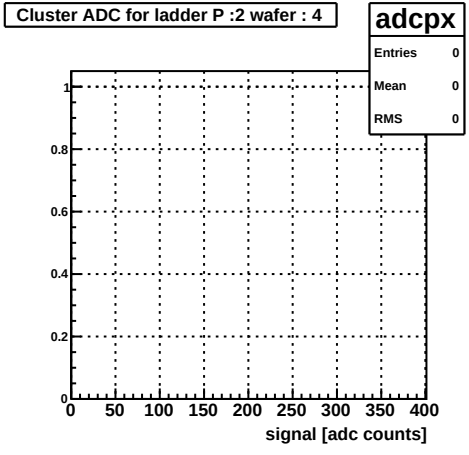

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

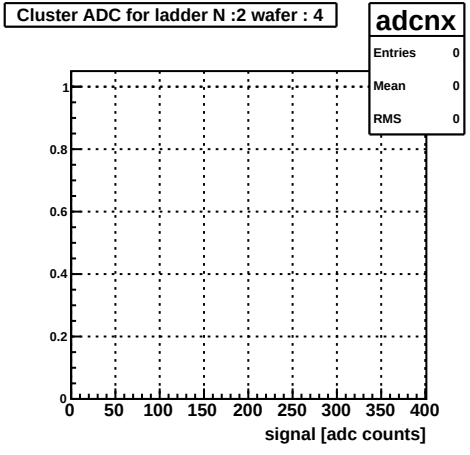

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

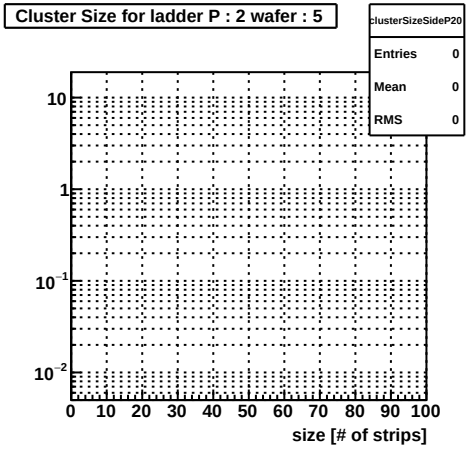

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

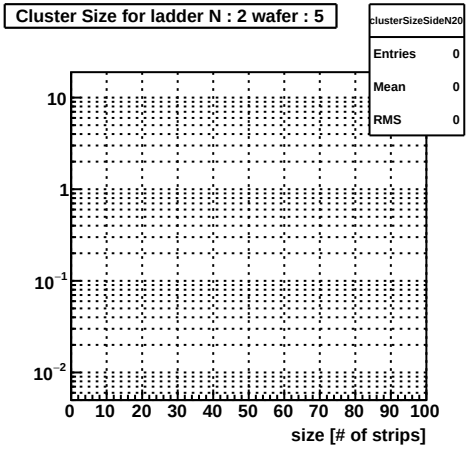

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

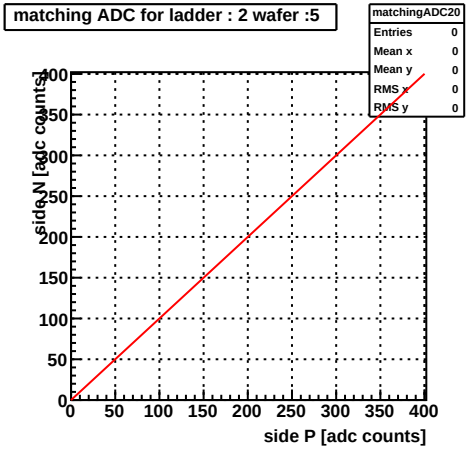

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

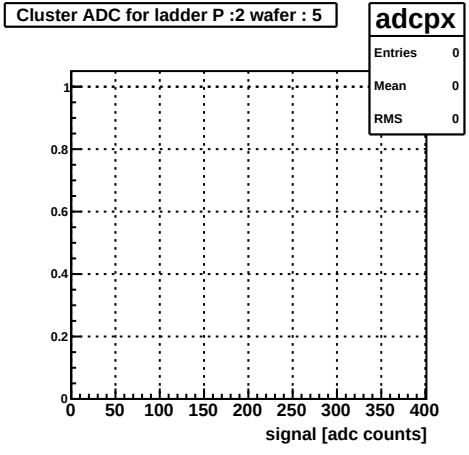

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

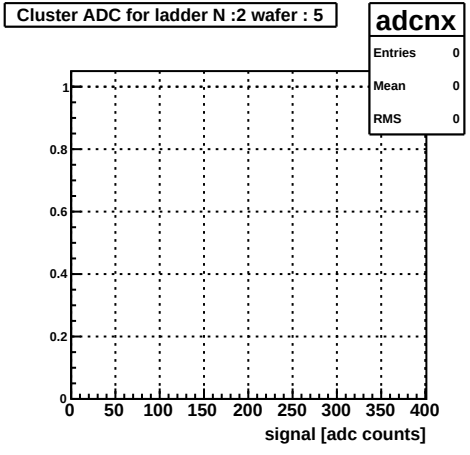

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

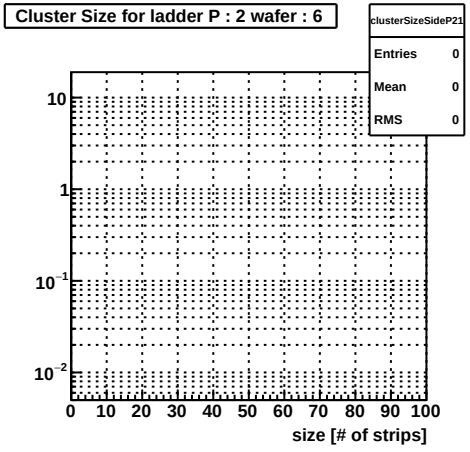

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

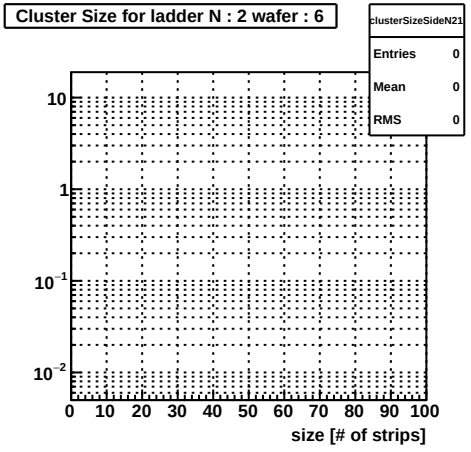

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

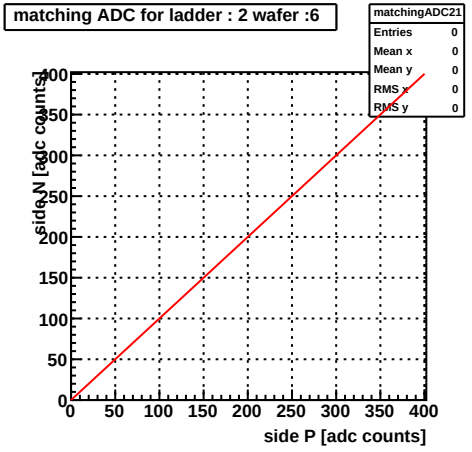

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

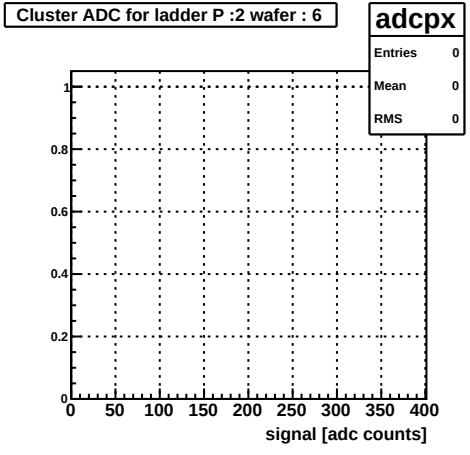

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

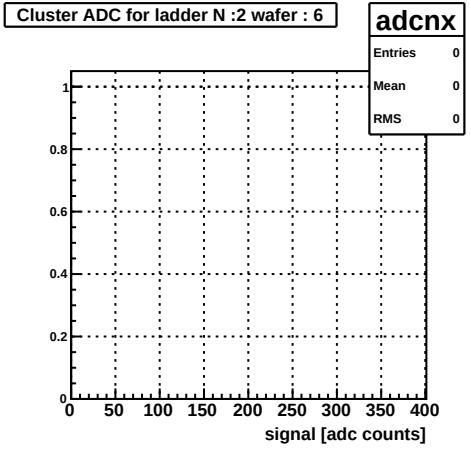

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

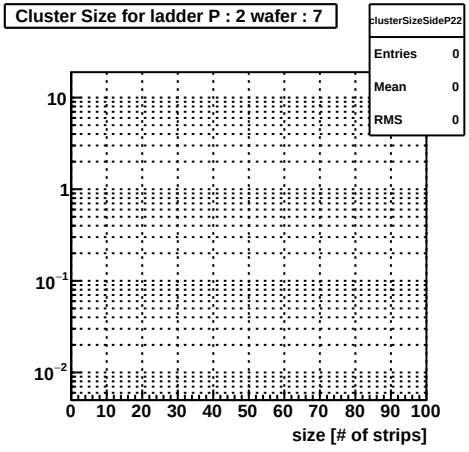

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

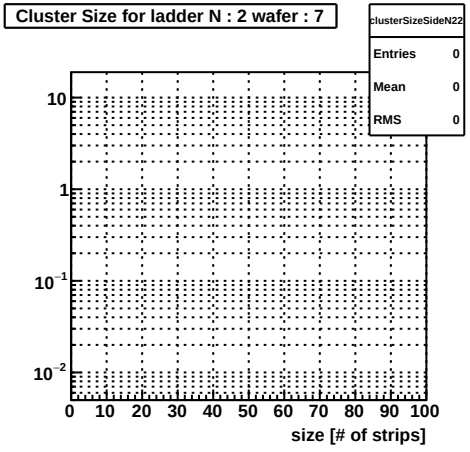

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

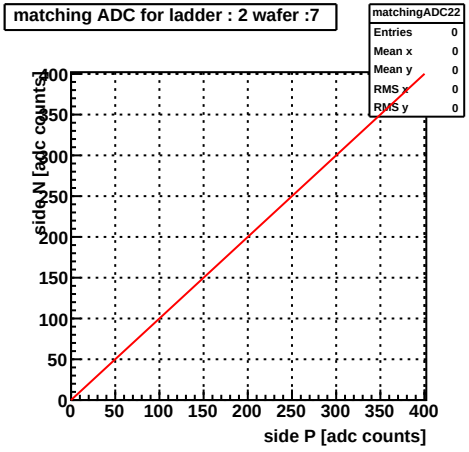

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

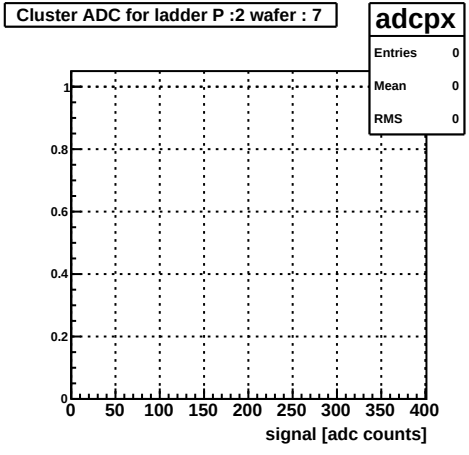

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

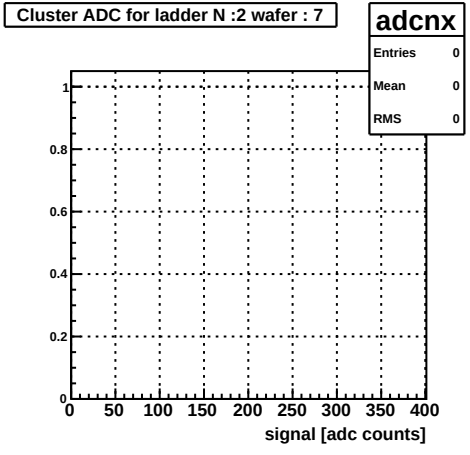

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

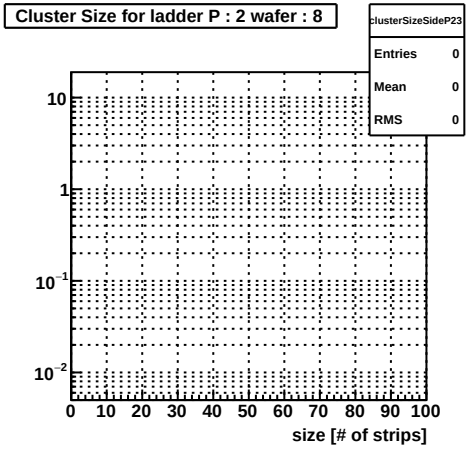

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

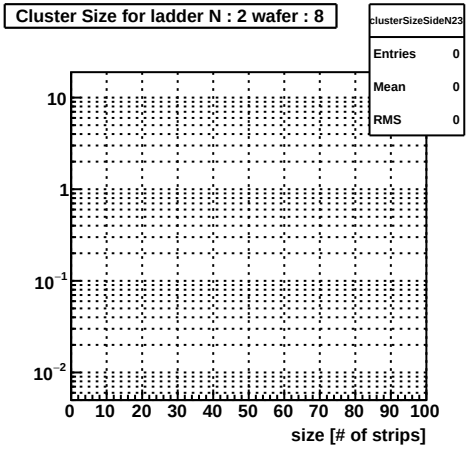

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

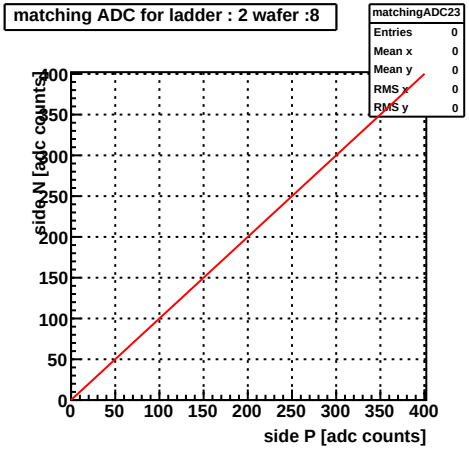

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

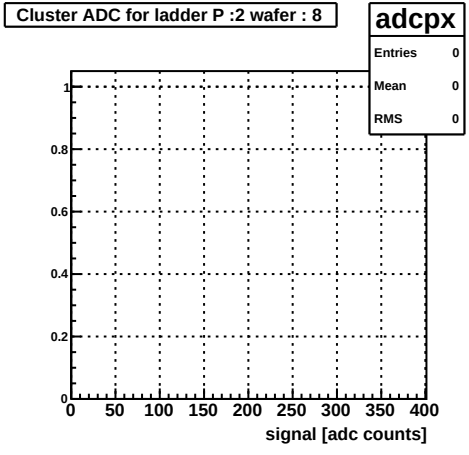

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

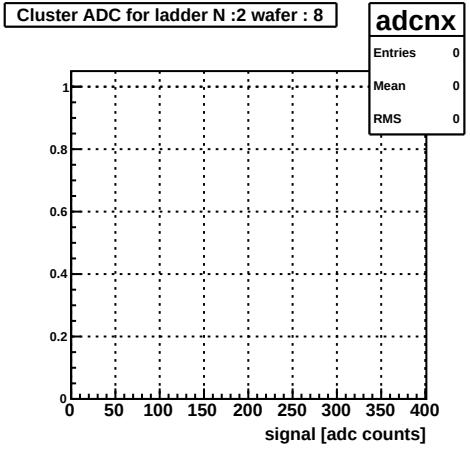

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

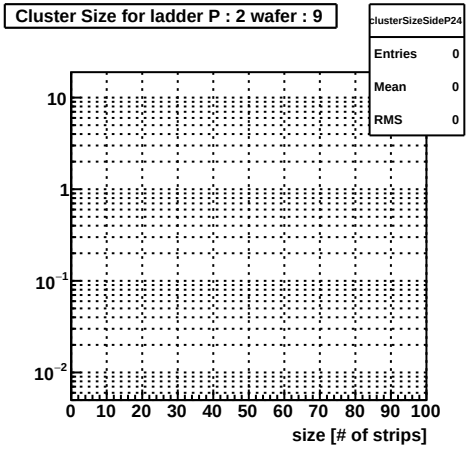

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

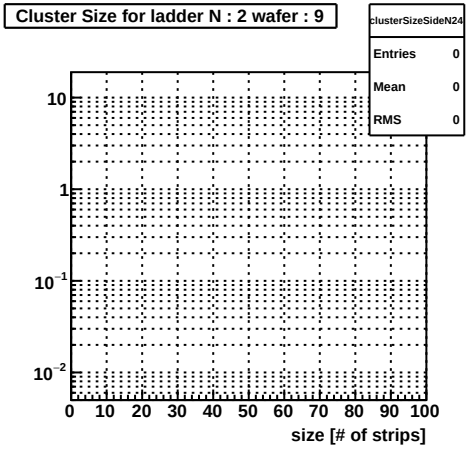

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

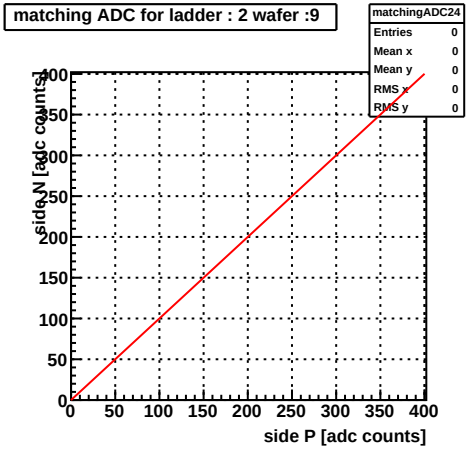

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

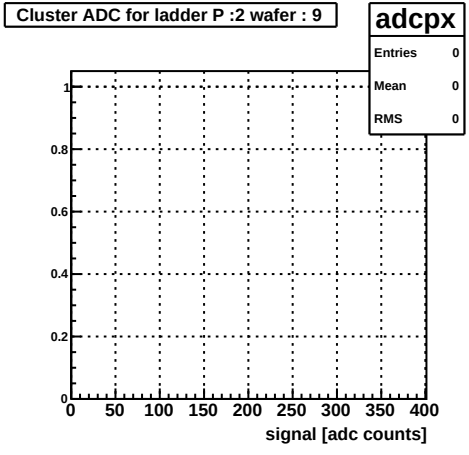

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

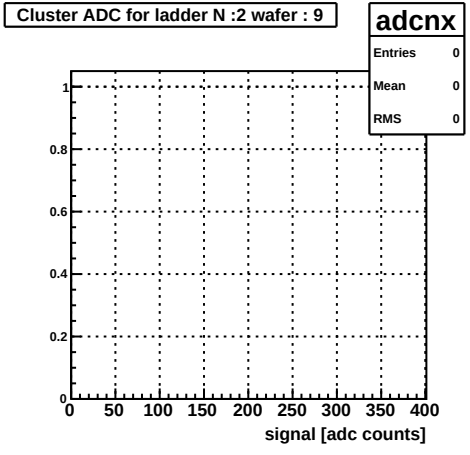

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

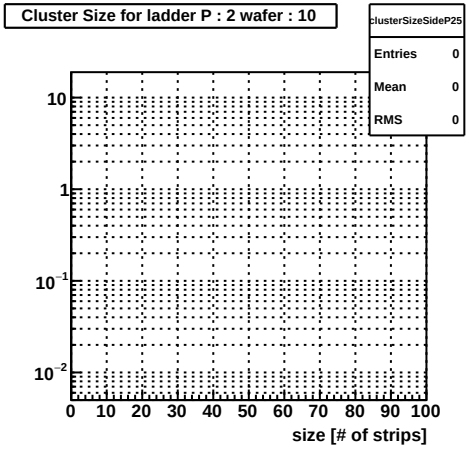

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

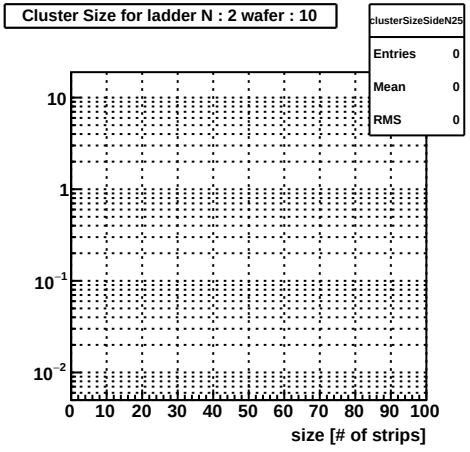

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

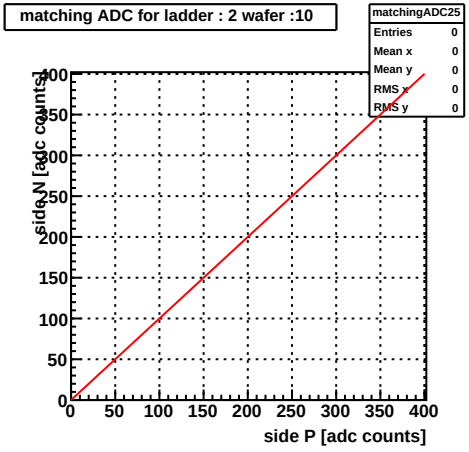

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

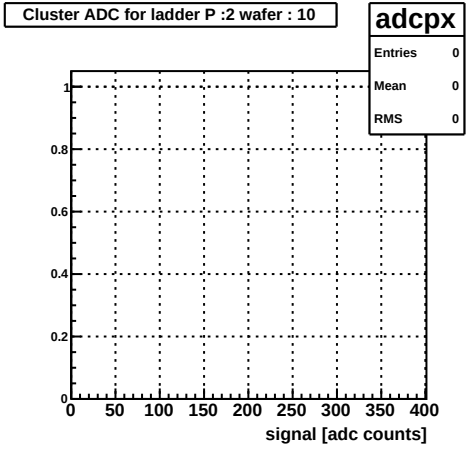

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

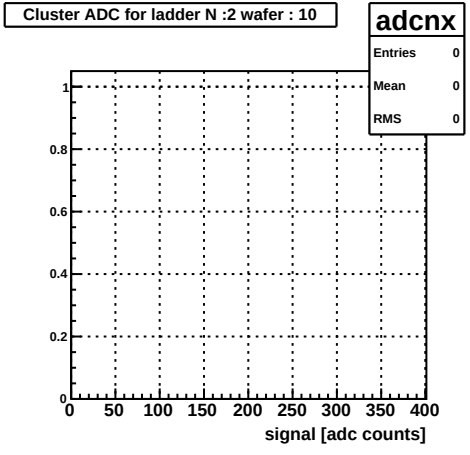

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

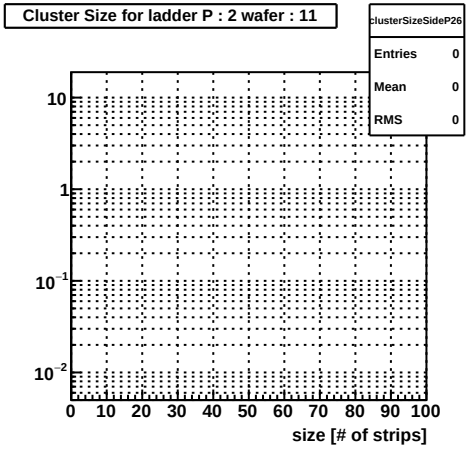

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

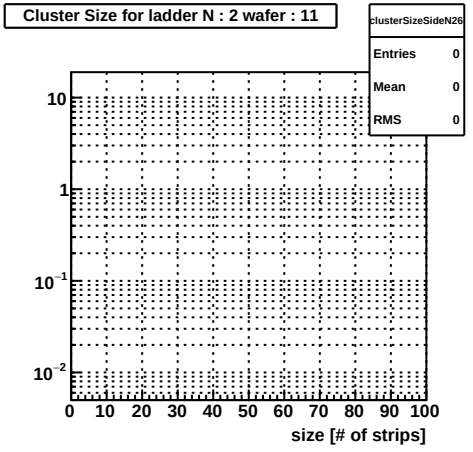

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

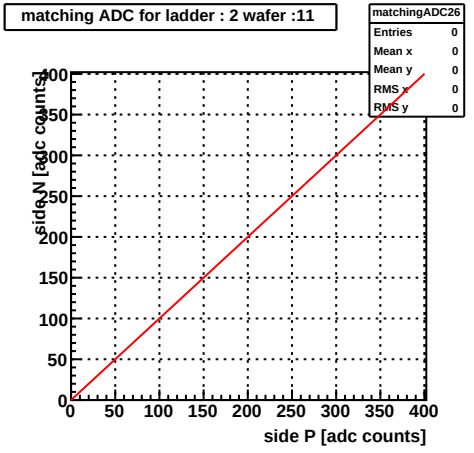

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

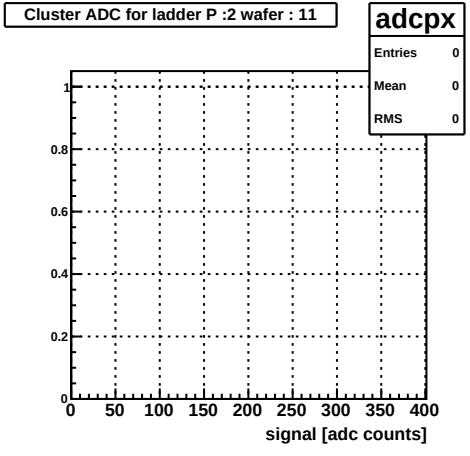

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

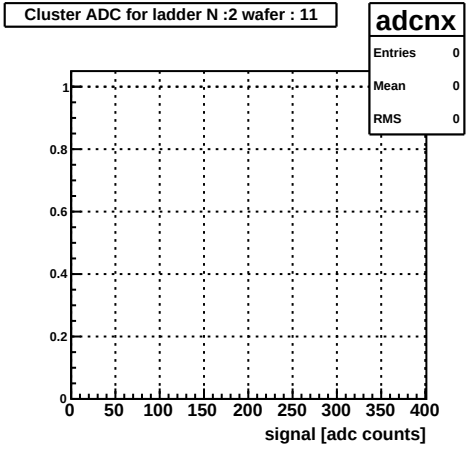

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

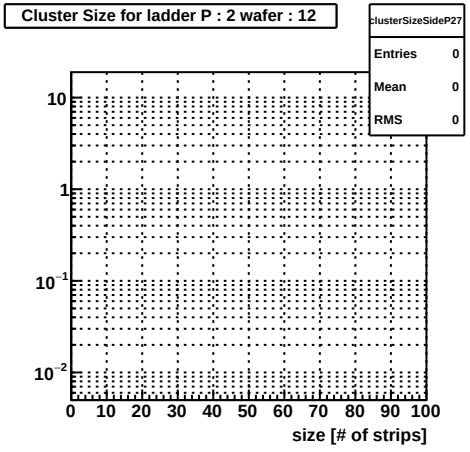

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

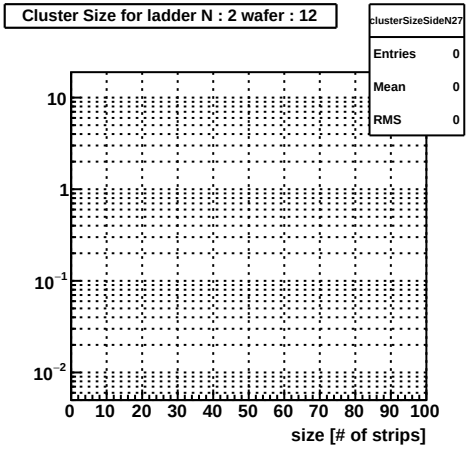

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

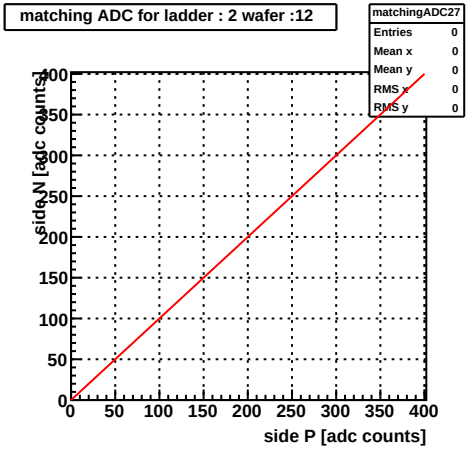

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

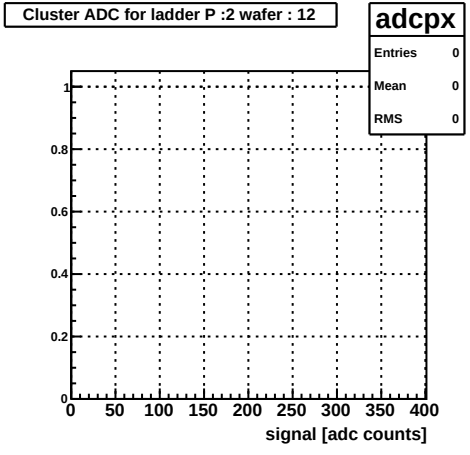

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

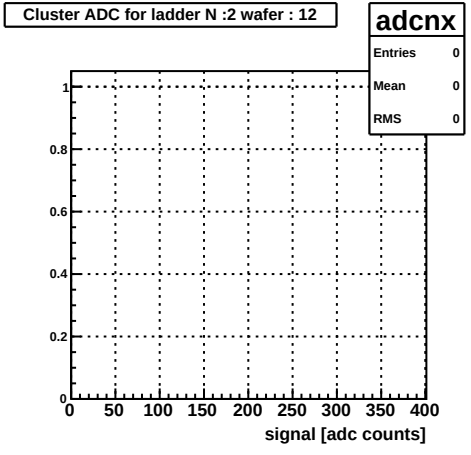

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

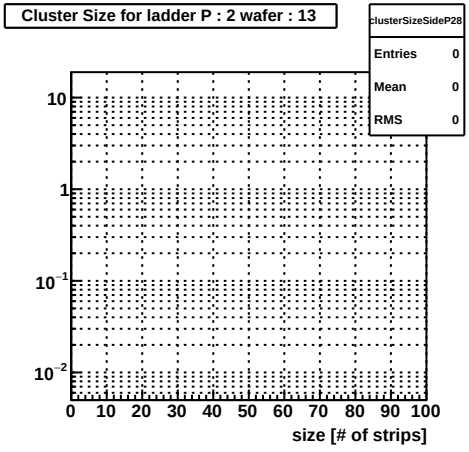

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

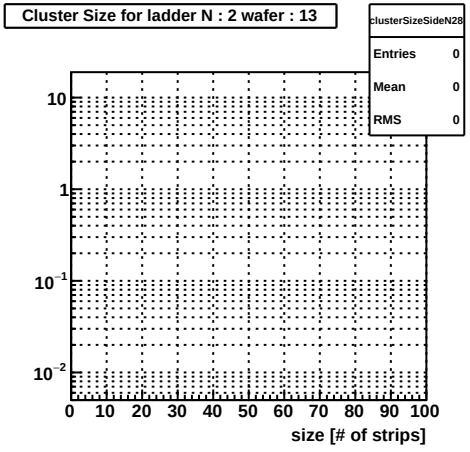

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

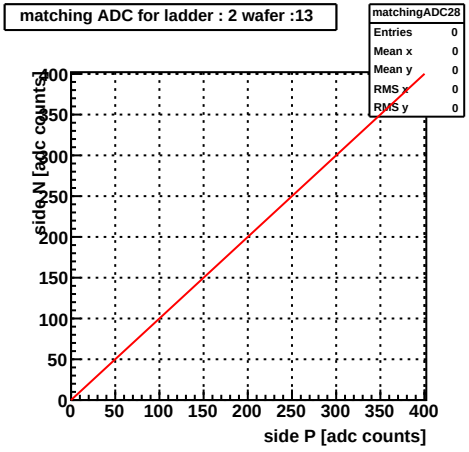

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

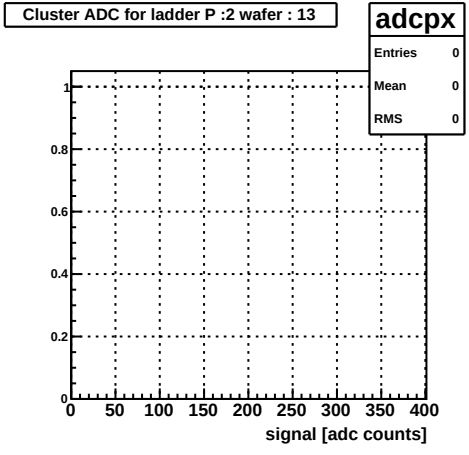

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

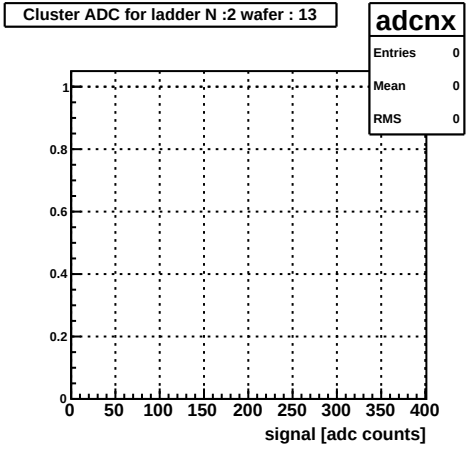

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

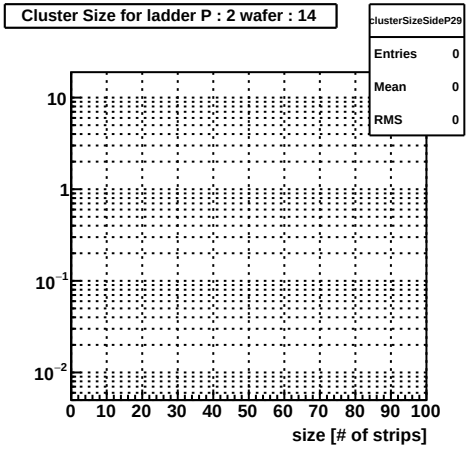

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

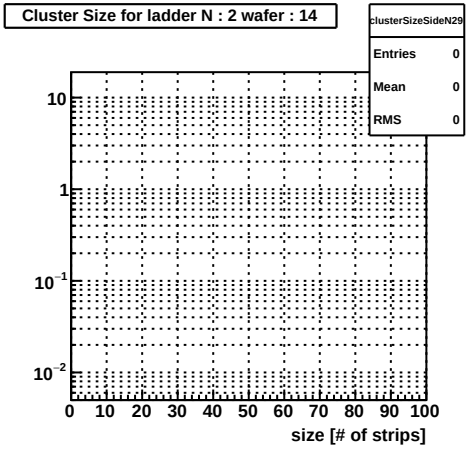

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

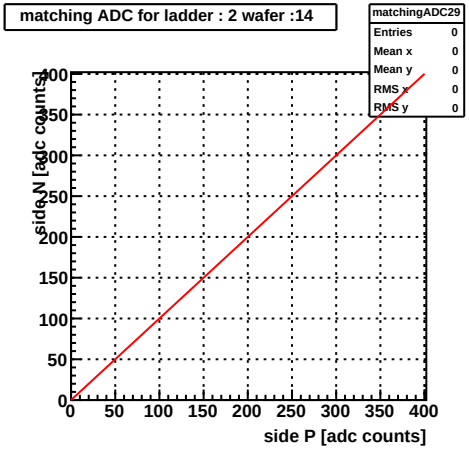

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

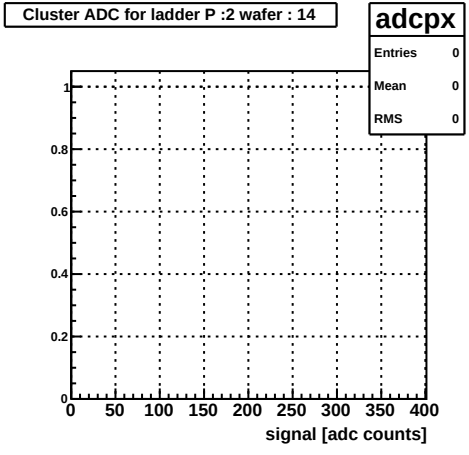

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

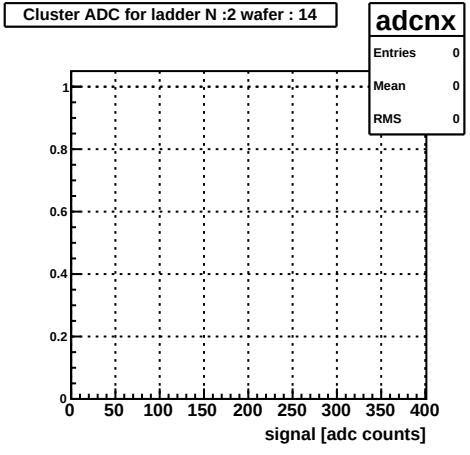

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

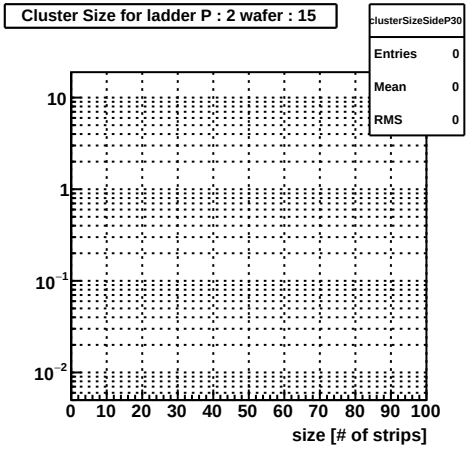

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

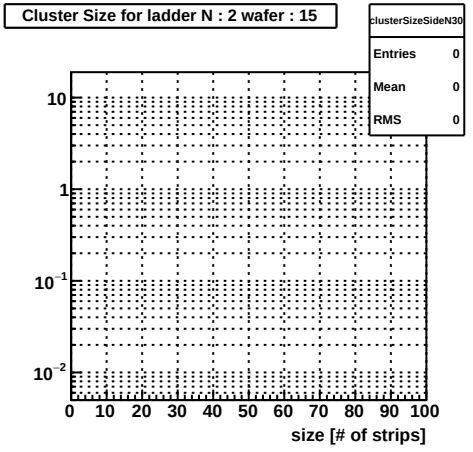

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

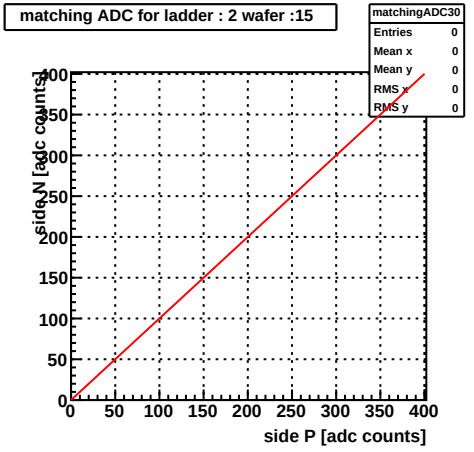

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

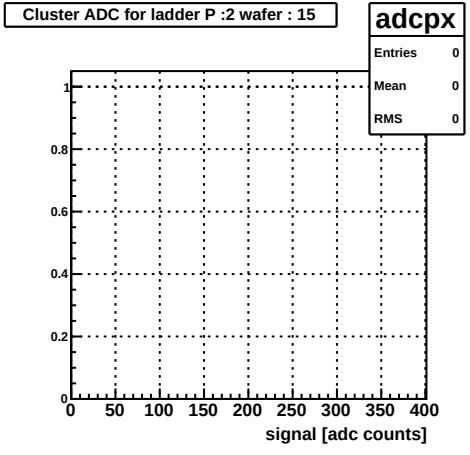

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

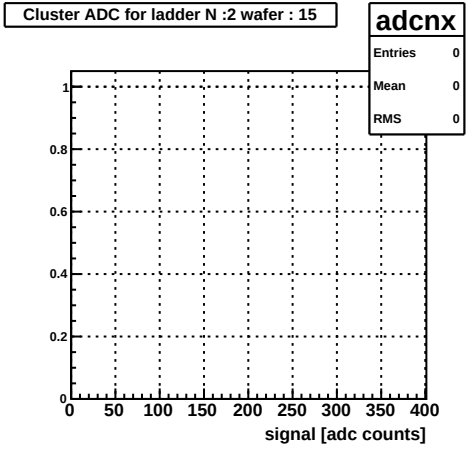

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

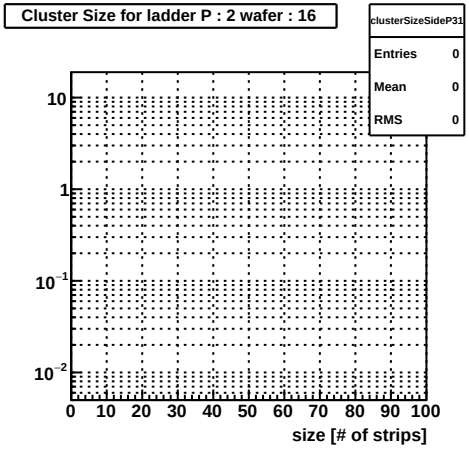

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

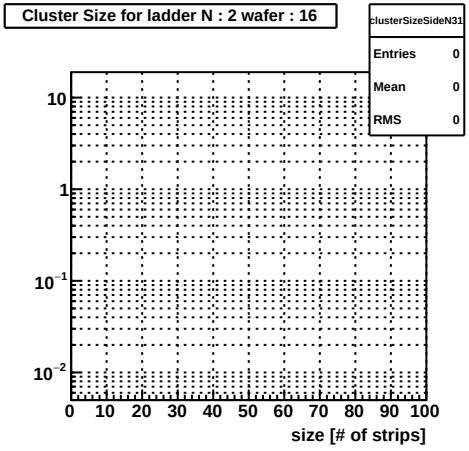

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

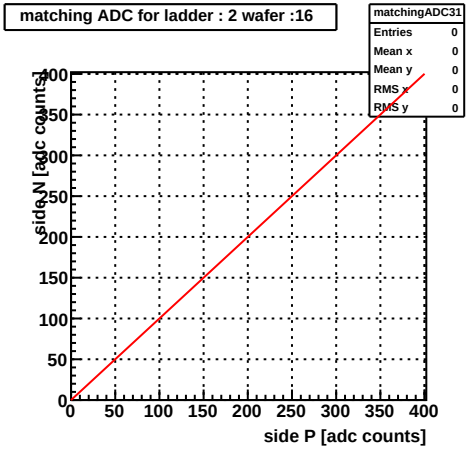

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

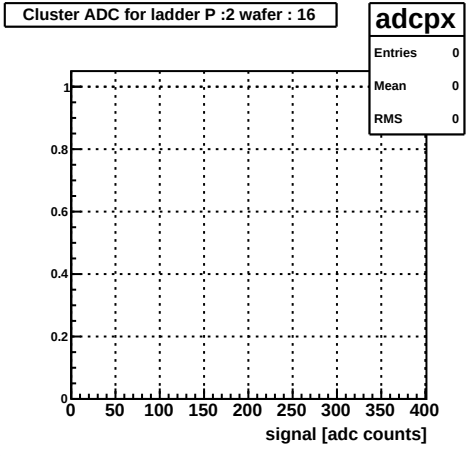

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

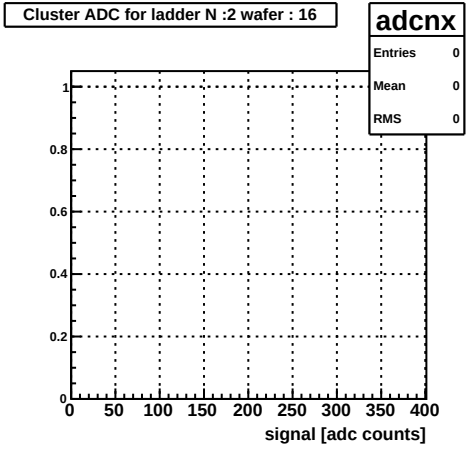

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

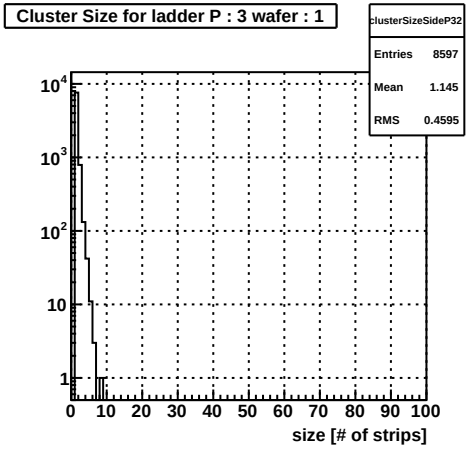

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

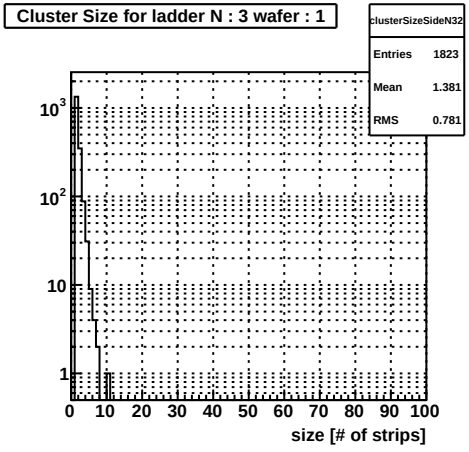

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

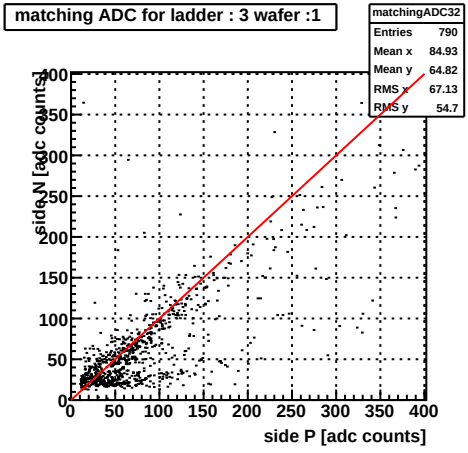

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

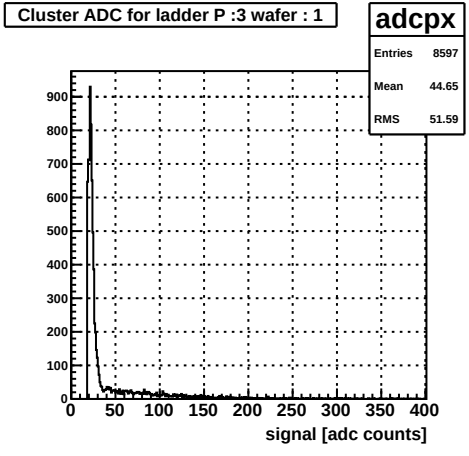

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

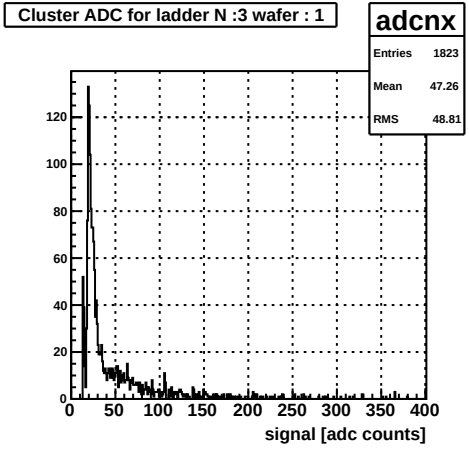

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

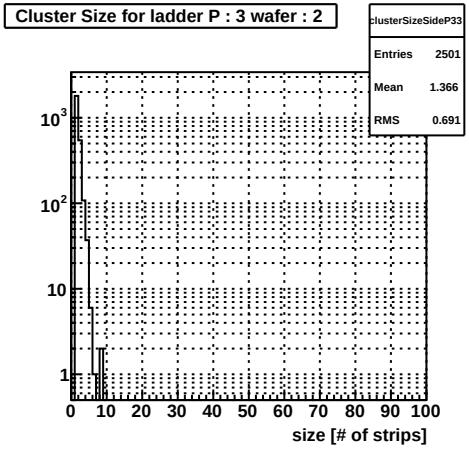

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 8597
Mean 1.145
RMS 0.4595
size [# of strips]

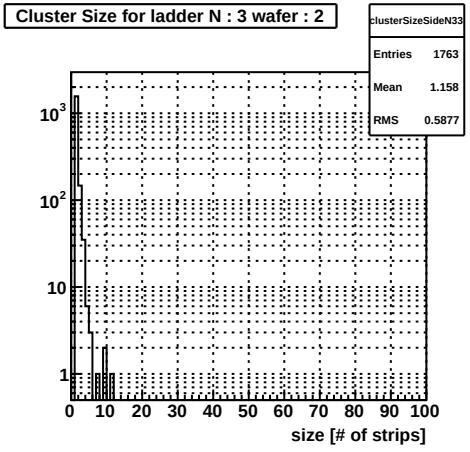

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1823
Mean 1.381
RMS 0.781
size [# of strips]

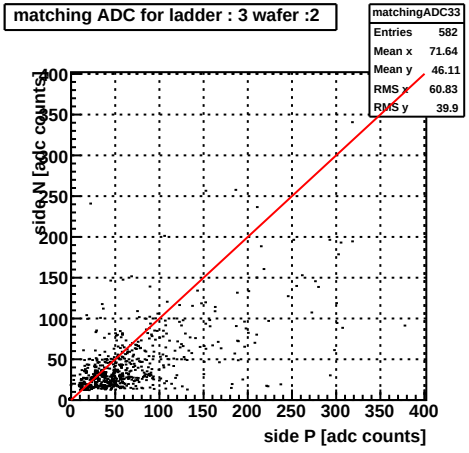

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 790
Mean x 84.93
Mean y 64.82
RMS x 67.13
RMS y 54.7
side N [adc counts]
side P [adc counts]

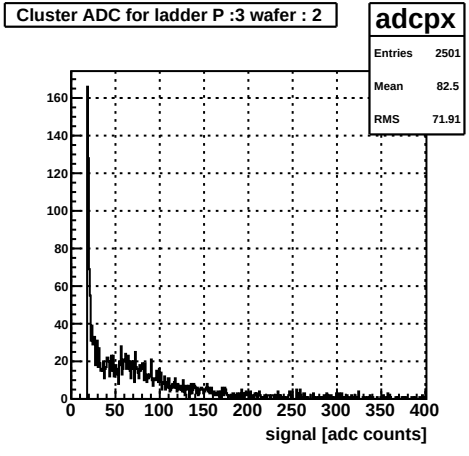

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 8597
Mean 44.65
RMS 51.59
signal [adc counts]

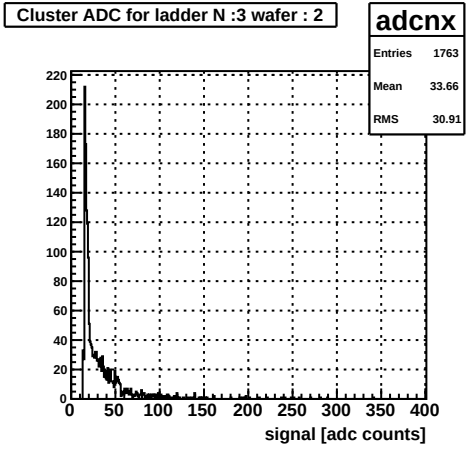

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1823
Mean 47.26
RMS 48.81
signal [adc counts]

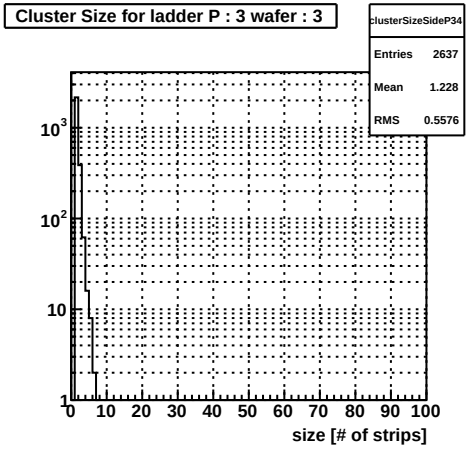

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2501
Mean 1.366
RMS 0.691
size [# of strips]

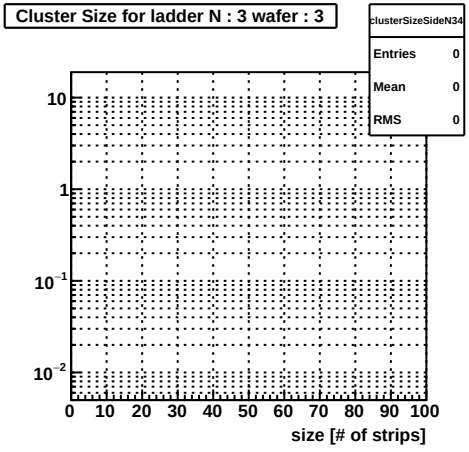

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1763
Mean 1.158
RMS 0.5877
size [# of strips]

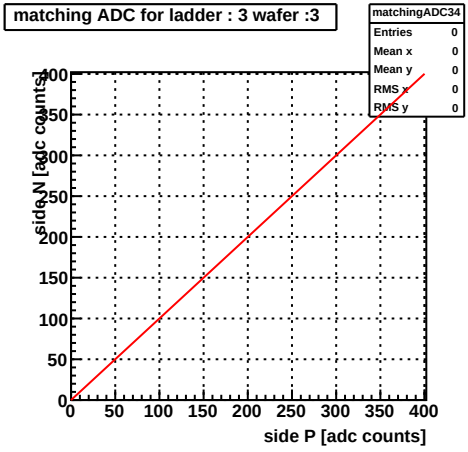

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 582
Mean x 71.64
Mean y 46.11
RMS x 60.83
RMS y 39.9
side N [adc counts]
side P [adc counts]

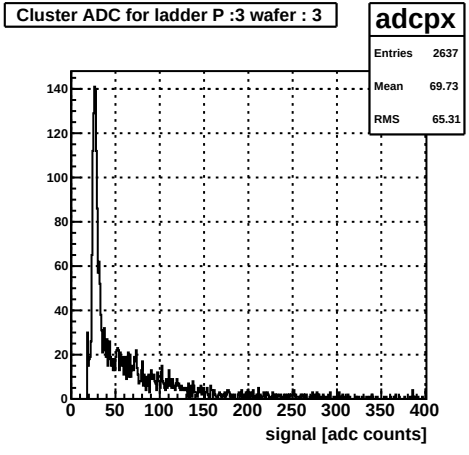

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2501
Mean 82.5
RMS 71.91
signal [adc counts]

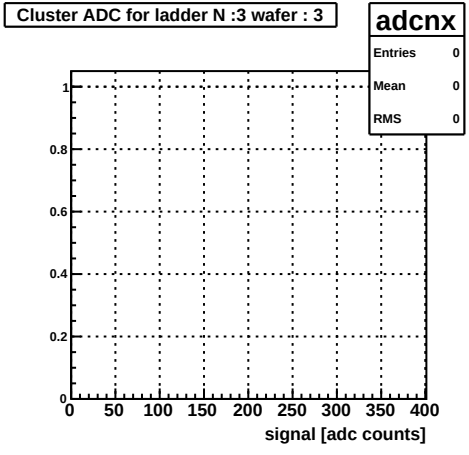

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1763
Mean 33.66
RMS 30.91
signal [adc counts]

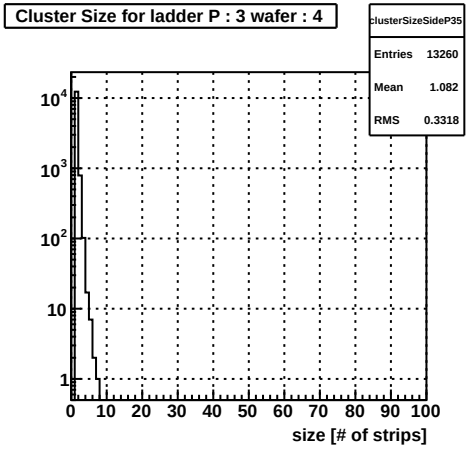

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2637
Mean 1.228
RMS 0.5576
size [# of strips]

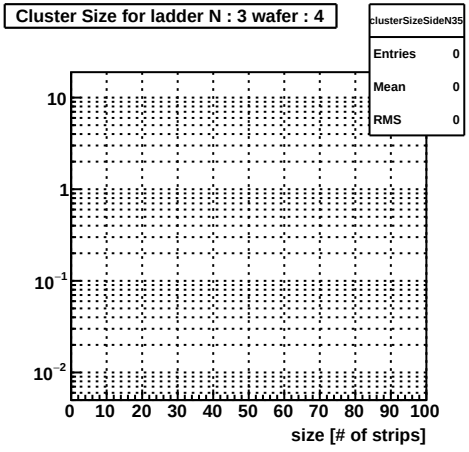

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

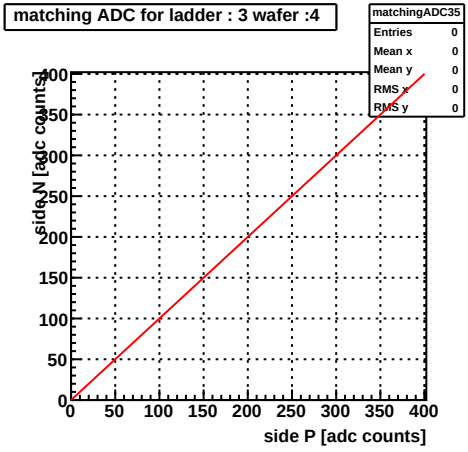

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

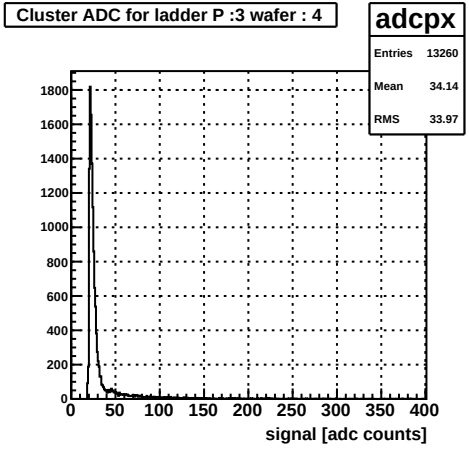

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2637
Mean 69.73
RMS 65.31
signal [adc counts]

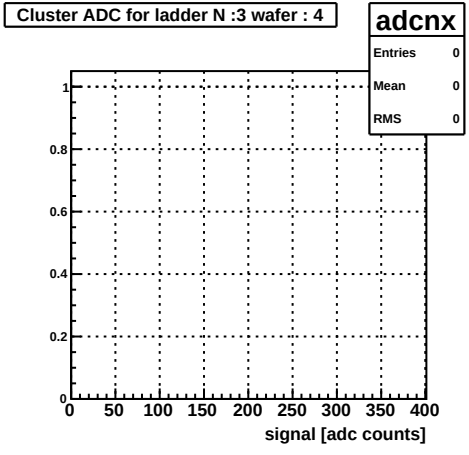

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

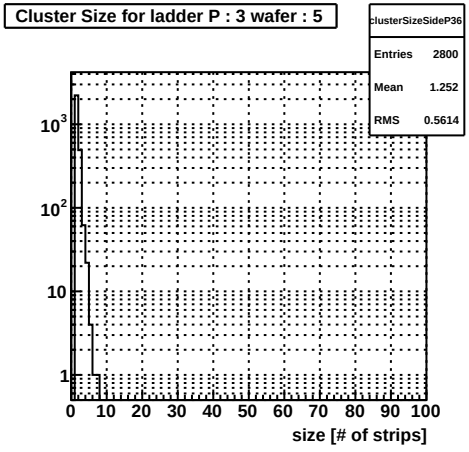

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 13260
Mean 1.082
RMS 0.3318
size [# of strips]

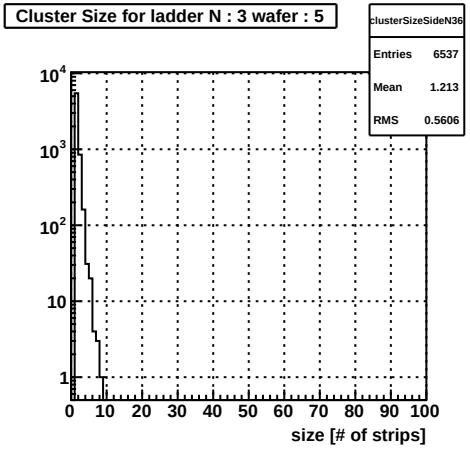

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

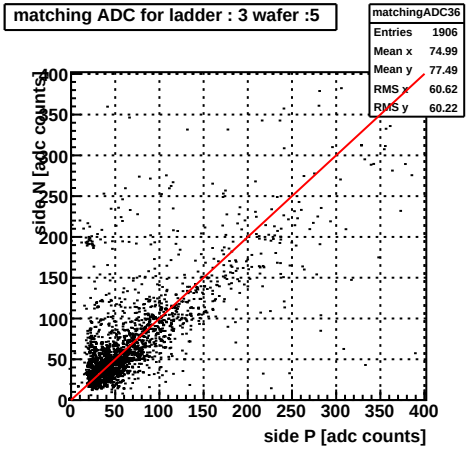

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

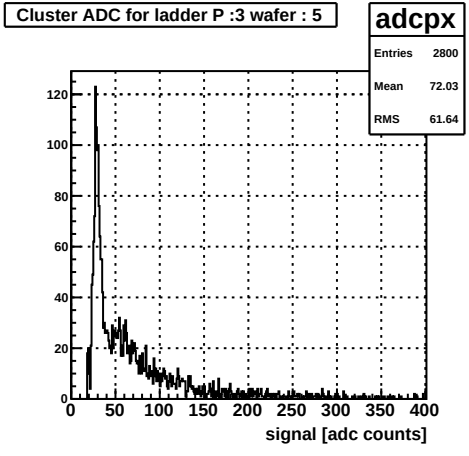

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 13260
Mean 34.14
RMS 33.97
signal [adc counts]

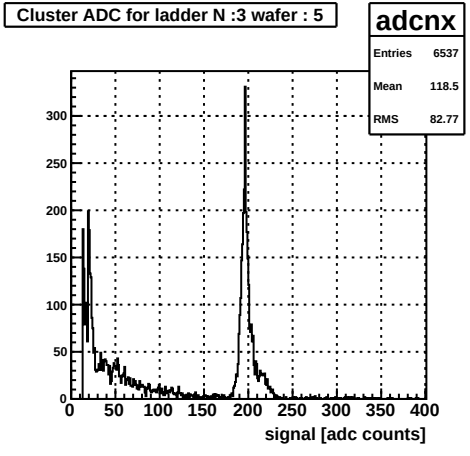

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

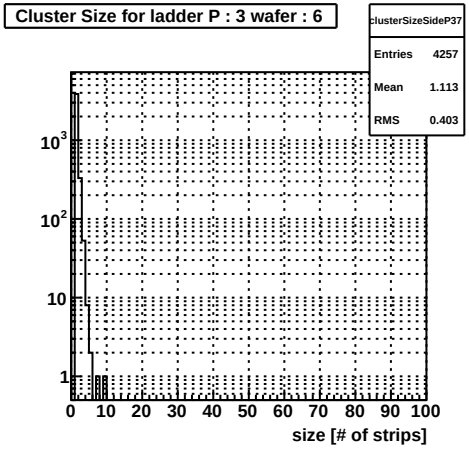

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2800
Mean 1.252
RMS 0.5614
size [# of strips]

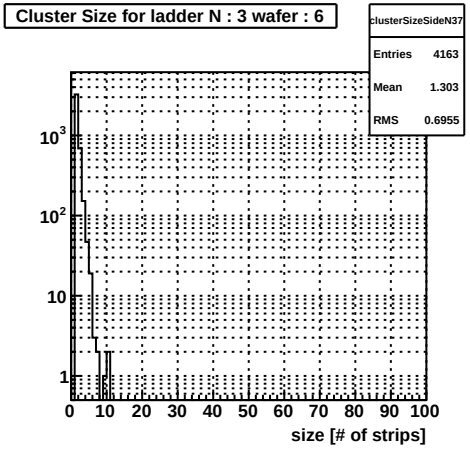

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6537
Mean 1.213
RMS 0.5606
size [# of strips]

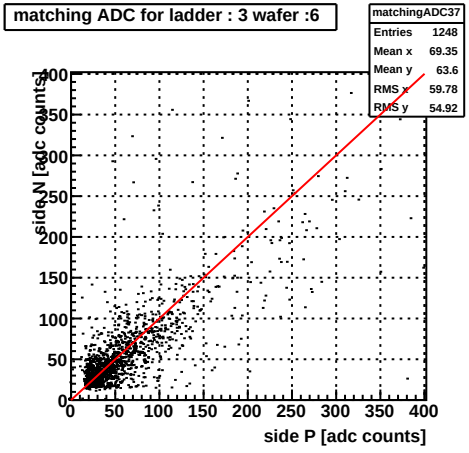

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1906
Mean x 74.99
Mean y 77.49
RMS x 60.62
RMS y 60.22
side N [adc counts]
side P [adc counts]

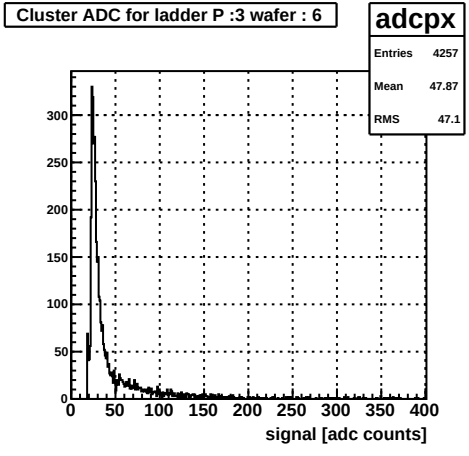

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2800
Mean 72.03
RMS 61.64
signal [adc counts]

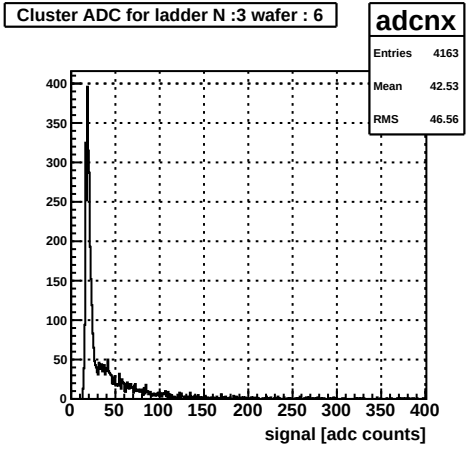

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6537
Mean 118.5
RMS 82.77
signal [adc counts]

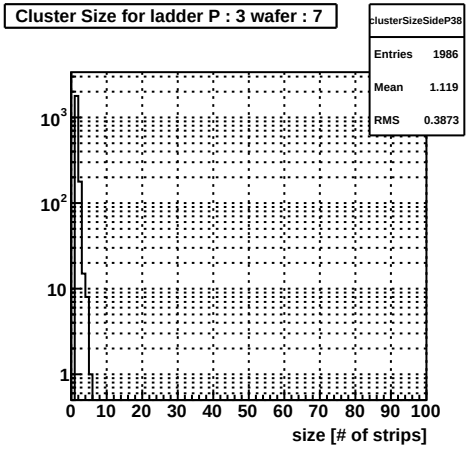

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4257
Mean 1.113
RMS 0.403
size [# of strips]

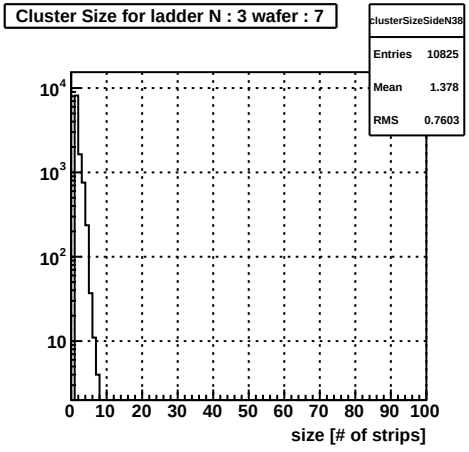

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4163
Mean 1.303
RMS 0.6955
size [# of strips]

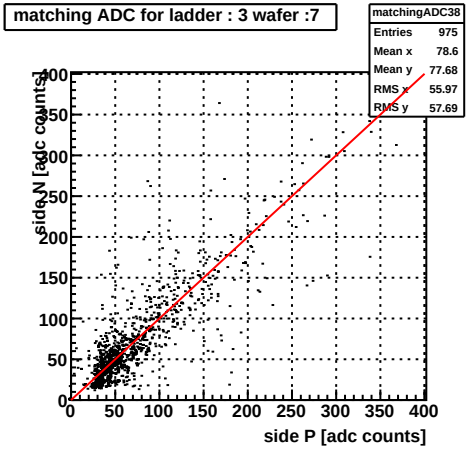

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1248
Mean x 69.35
Mean y 63.6
RMS x 59.78
RMS y 54.92
side N [adc counts]
side P [adc counts]

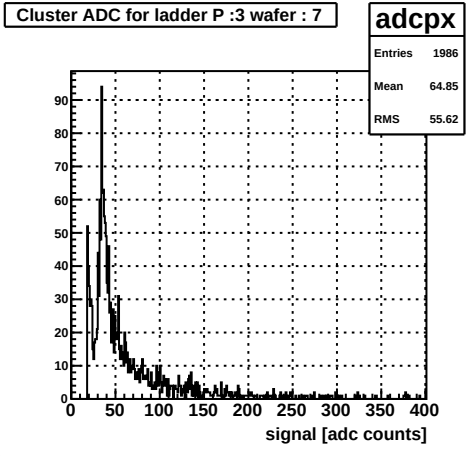

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4257
Mean 47.87
RMS 47.1
signal [adc counts]

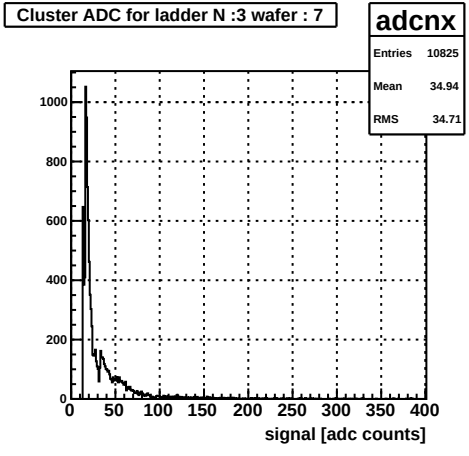

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4163
Mean 42.53
RMS 46.56
signal [adc counts]

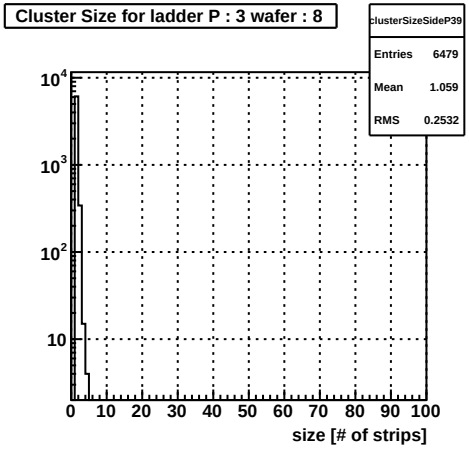

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1986
Mean 1.119
RMS 0.3873
size [# of strips]

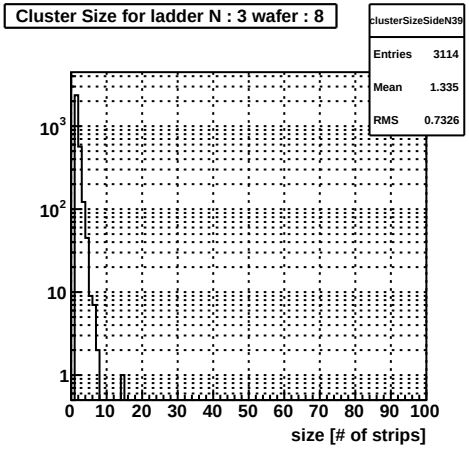

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 10825
Mean 1.378
RMS 0.7603
size [# of strips]

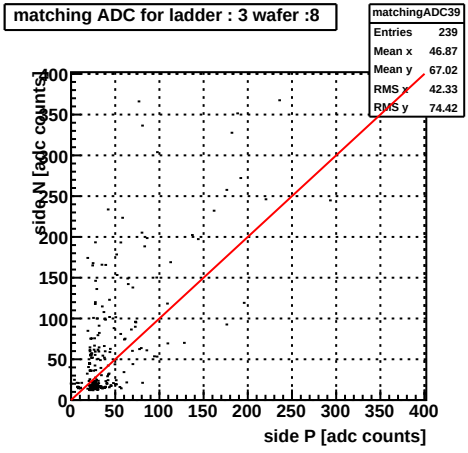

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 975
Mean x 78.6
Mean y 77.68
RMS x 55.97
RMS y 57.69
side N [adc counts]
side P [adc counts]

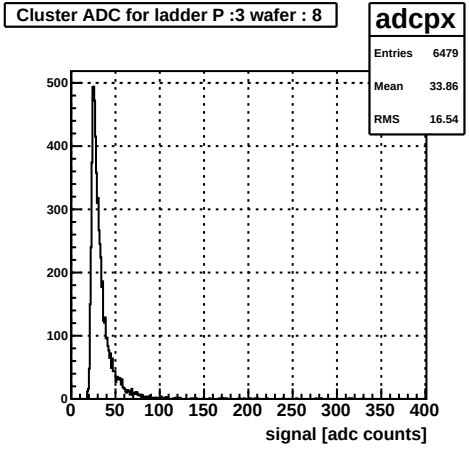

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1986
Mean 64.85
RMS 55.62
signal [adc counts]

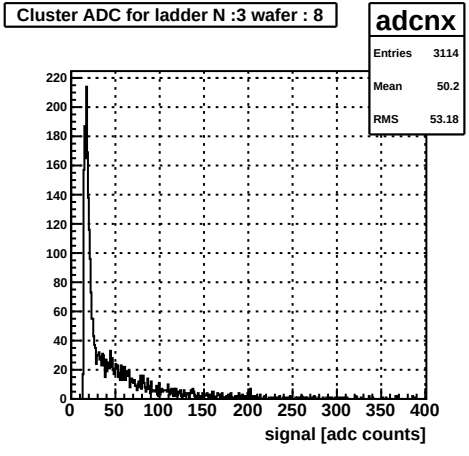

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 10825
Mean 34.94
RMS 34.71
signal [adc counts]

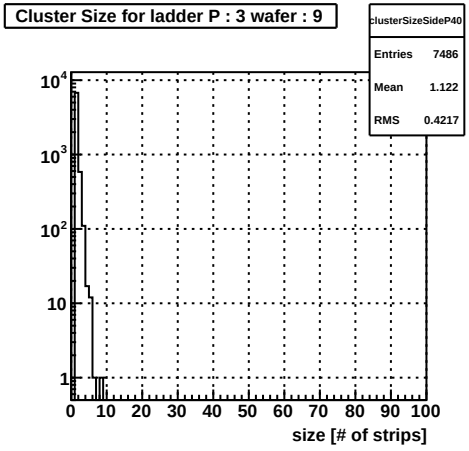

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 6479
Mean 1.059
RMS 0.2532
size [# of strips]

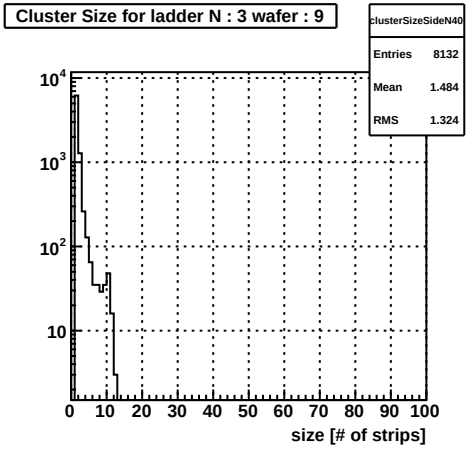

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3114
Mean 1.335
RMS 0.7326
size [# of strips]

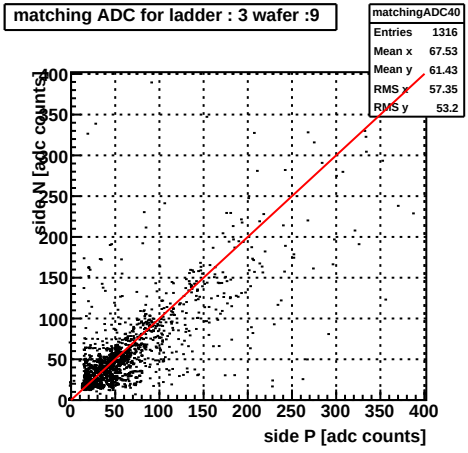

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 239
Mean x 46.87
Mean y 67.02
RMS x 42.33
RMS y 74.42
side N [adc counts]
side P [adc counts]

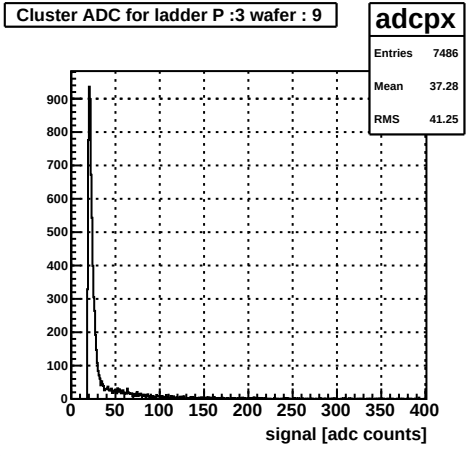

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 6479
Mean 33.86
RMS 16.54
signal [adc counts]

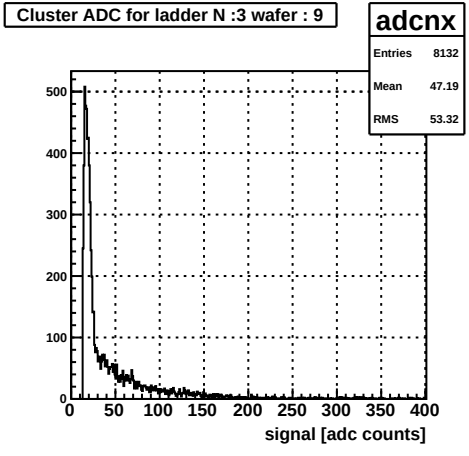

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3114
Mean 50.2
RMS 53.18
signal [adc counts]

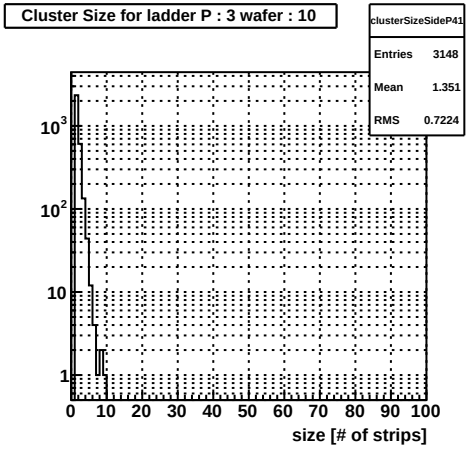

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7486
Mean 1.122
RMS 0.4217
size [# of strips]

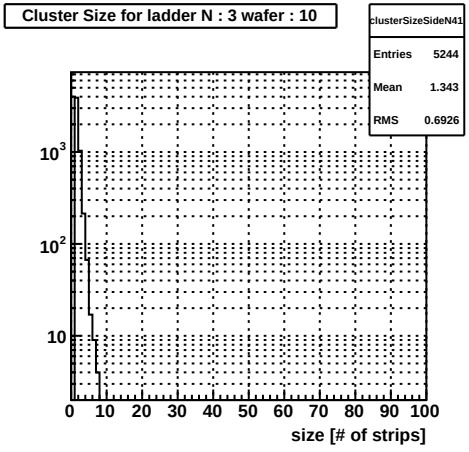

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8132
Mean 1.484
RMS 1.324
size [# of strips]

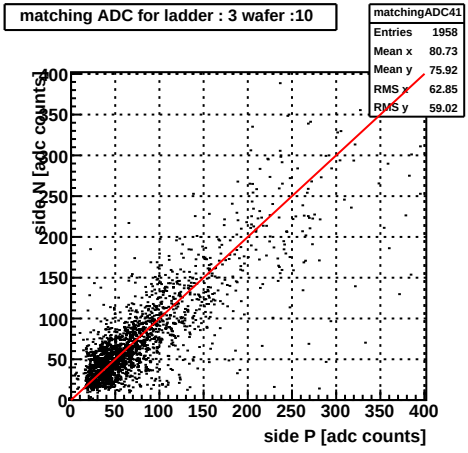

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1316
Mean x 67.53
Mean y 61.43
RMS x 57.35
RMS y 53.2
side N [adc counts]
side P [adc counts]

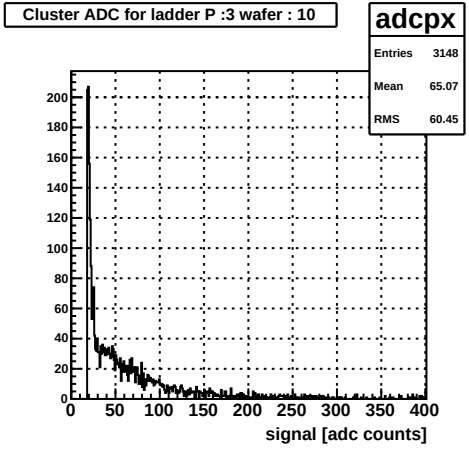

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7486
Mean 37.28
RMS 41.25
signal [adc counts]

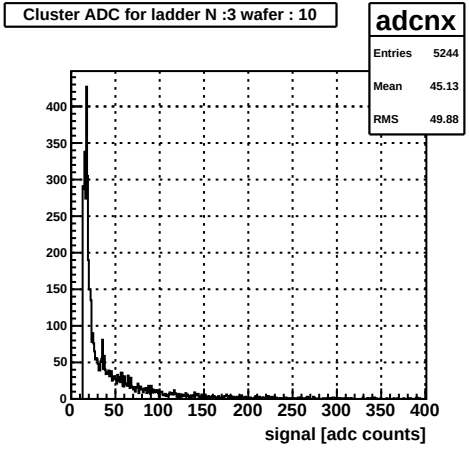

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8132
Mean 47.19
RMS 53.32
signal [adc counts]

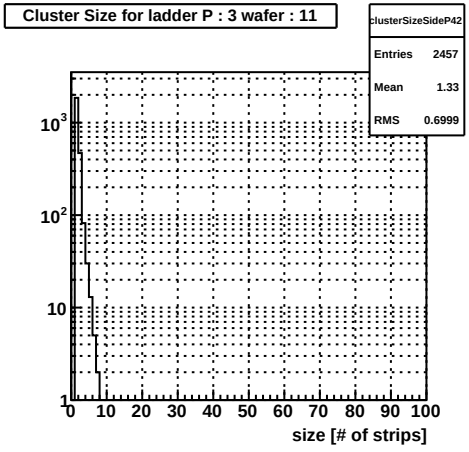

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3148
Mean 1.351
RMS 0.7224
size [# of strips]

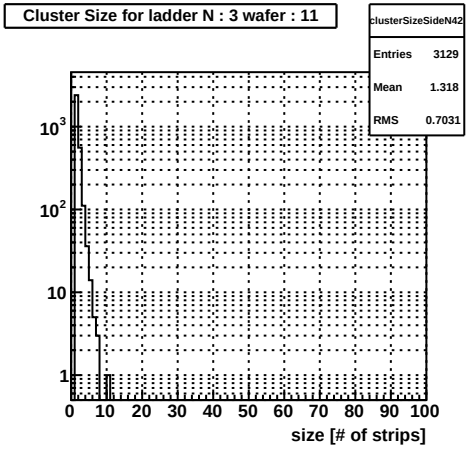

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5244
Mean 1.343
RMS 0.6926
size [# of strips]

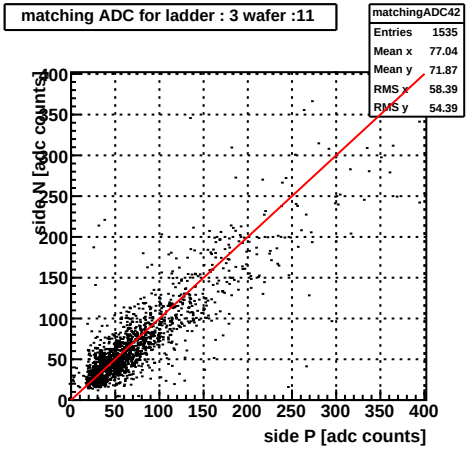

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1958
Mean x 80.73
Mean y 75.92
RMS x 62.85
RMS y 59.02
side N [adc counts]
side P [adc counts]

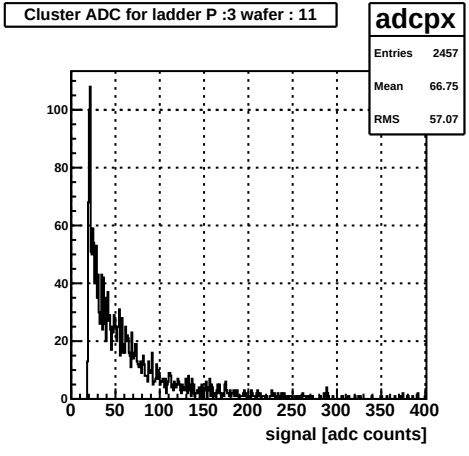

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3148
Mean 65.07
RMS 60.45
signal [adc counts]

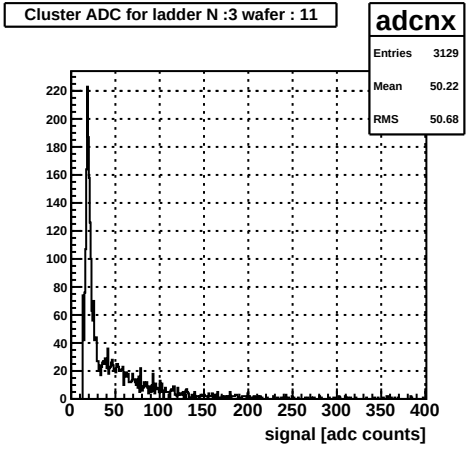

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5244
Mean 45.13
RMS 49.88
signal [adc counts]

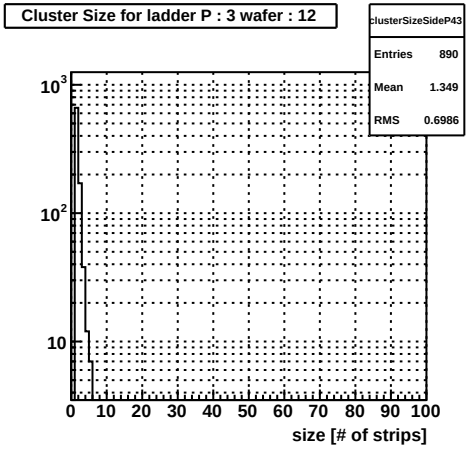

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2457
Mean 1.33
RMS 0.6999
size [# of strips]

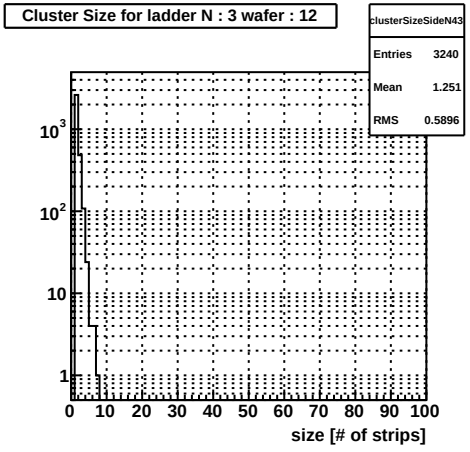

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3129
Mean 1.318
RMS 0.7031
size [# of strips]

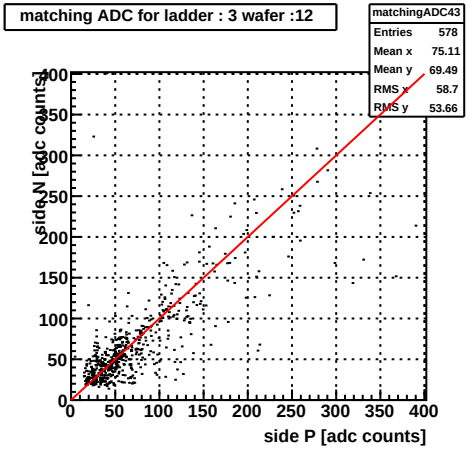

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1535
Mean x 77.04
Mean y 71.87
RMS x 58.39
RMS y 54.39
side N [adc counts]
side P [adc counts]

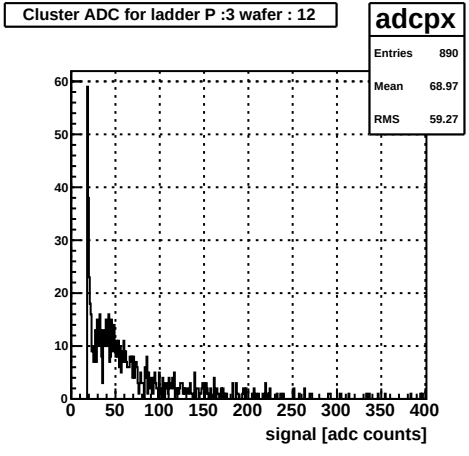

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2457
Mean 66.75
RMS 57.07
signal [adc counts]

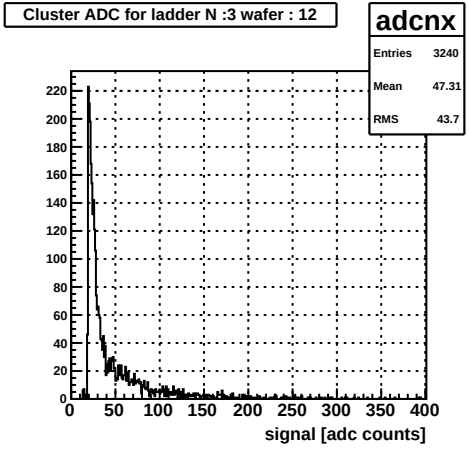

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3129
Mean 50.22
RMS 50.68
signal [adc counts]

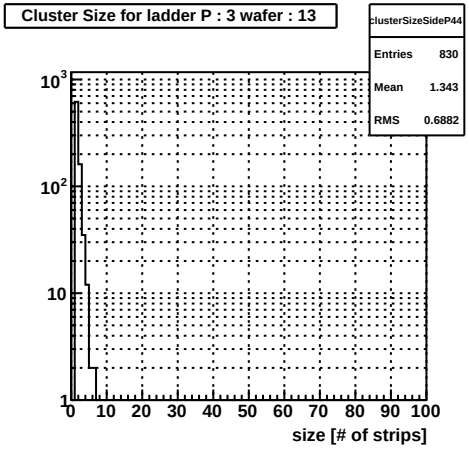

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 890
Mean 1.349
RMS 0.6986
size [# of strips]

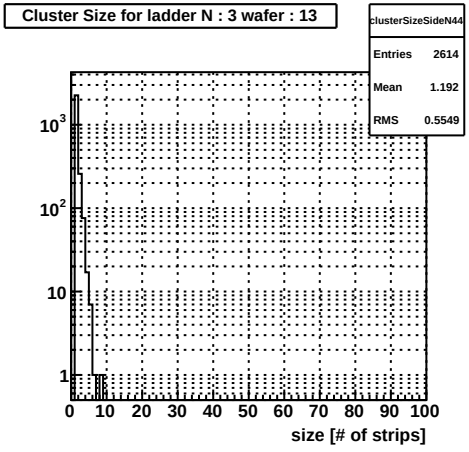

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3240
Mean 1.251
RMS 0.5896
size [# of strips]

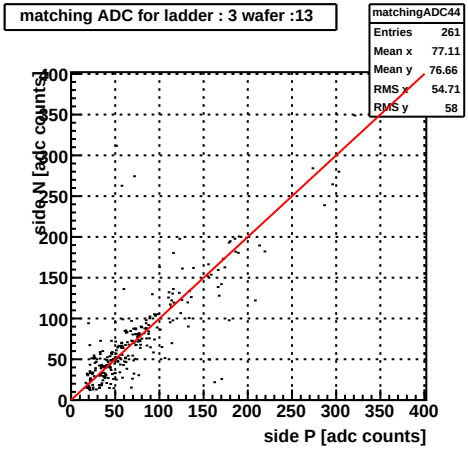

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 578
Mean x 75.11
Mean y 69.49
RMS x 58.7
RMS y 53.66
side N [adc counts]
side P [adc counts]

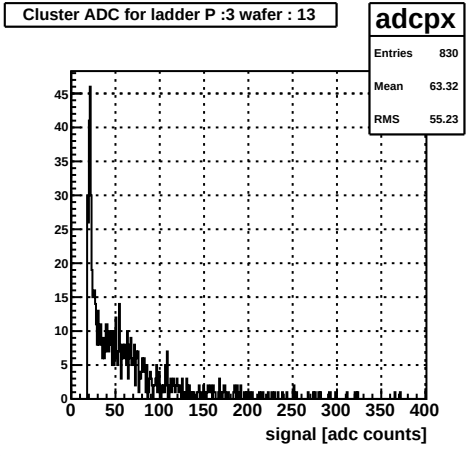

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 890
Mean 68.97
RMS 59.27
signal [adc counts]

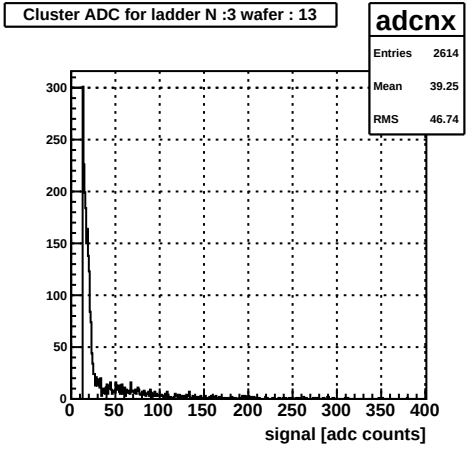

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3240
Mean 47.31
RMS 43.7
signal [adc counts]

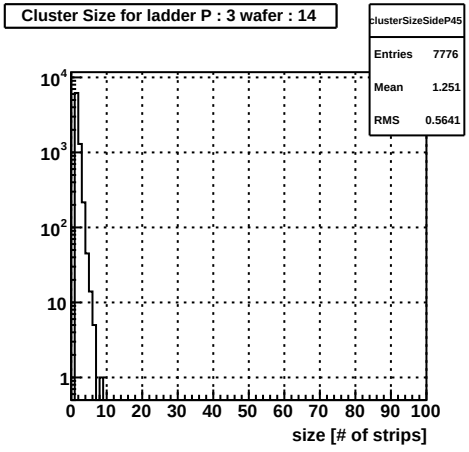

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 830
Mean 1.343
RMS 0.6882
size [# of strips]

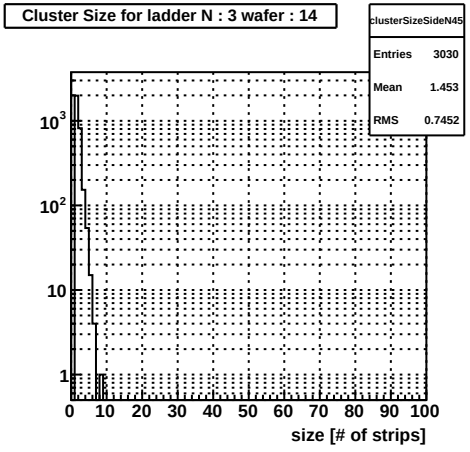

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2614
Mean 1.192
RMS 0.5549
size [# of strips]

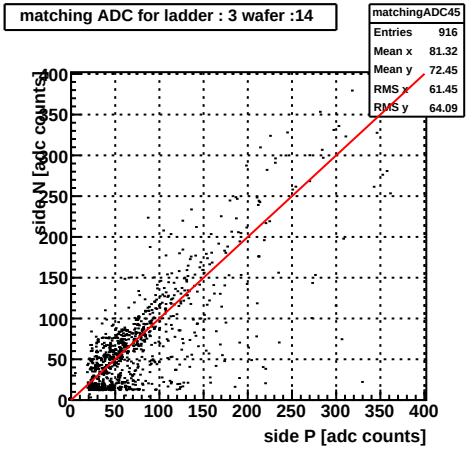

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 261
Mean x 77.11
Mean y 76.66
RMS x 54.71
RMS y 58
side N [adc counts]
side P [adc counts]

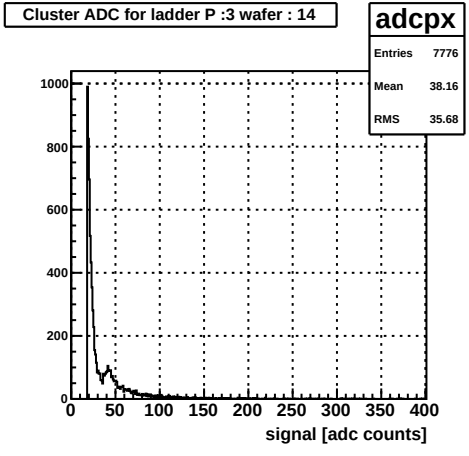

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 830
Mean 63.32
RMS 55.23
signal [adc counts]

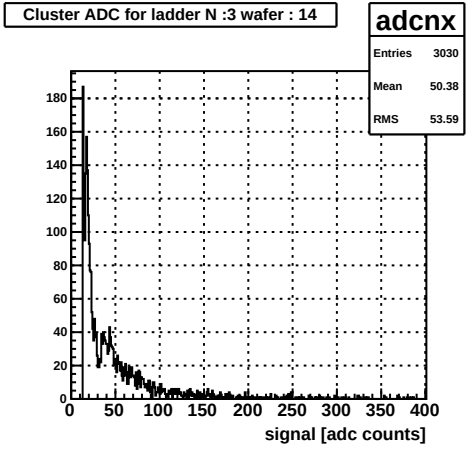

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2614
Mean 39.25
RMS 46.74
signal [adc counts]

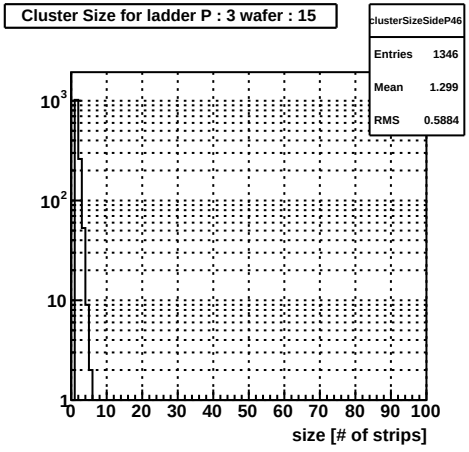

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7776
Mean 1.251
RMS 0.5641
size [# of strips]

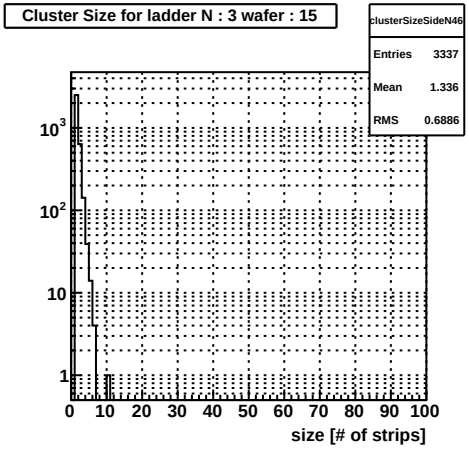

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3030
Mean 1.453
RMS 0.7452
size [# of strips]

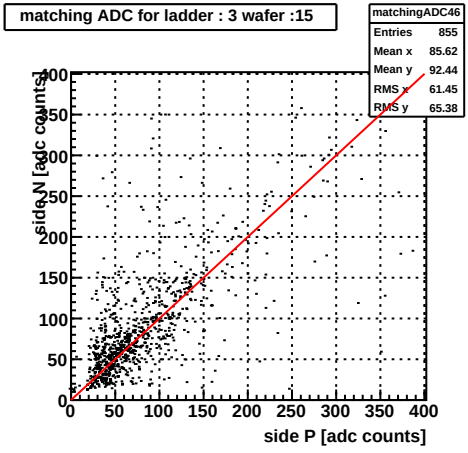

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 916
Mean x 81.32
Mean y 72.45
RMS x 61.45
RMS y 64.09
side N [adc counts]
side P [adc counts]

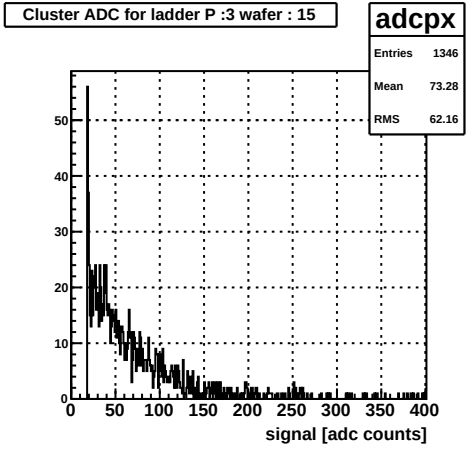

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7776
Mean 38.16
RMS 35.68
signal [adc counts]

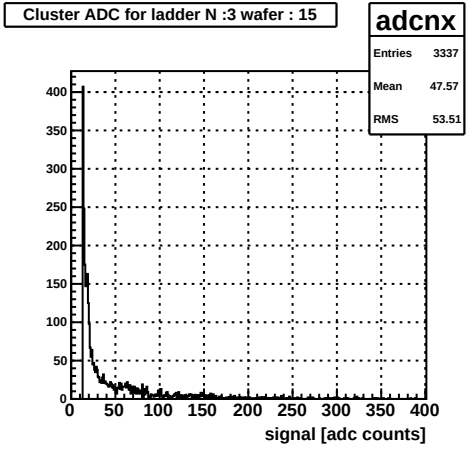

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3030
Mean 50.38
RMS 53.59
signal [adc counts]

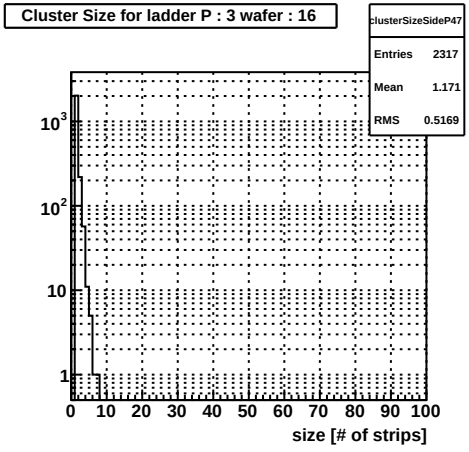

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1346
Mean 1.299
RMS 0.5884
size [# of strips]

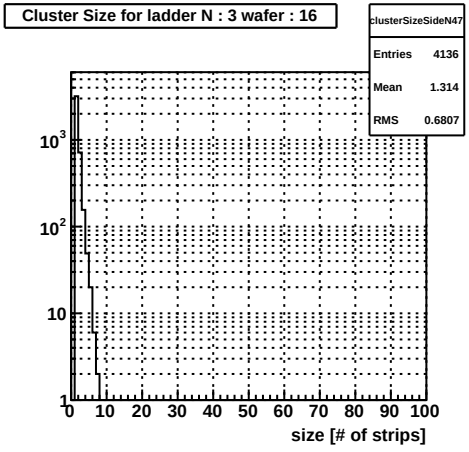

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3337
Mean 1.336
RMS 0.6886
size [# of strips]

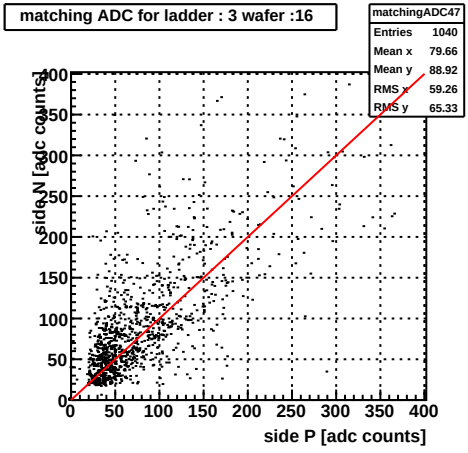

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 855
Mean x 85.62
Mean y 92.44
RMS x 61.45
RMS y 65.38
side N [adc counts]
side P [adc counts]

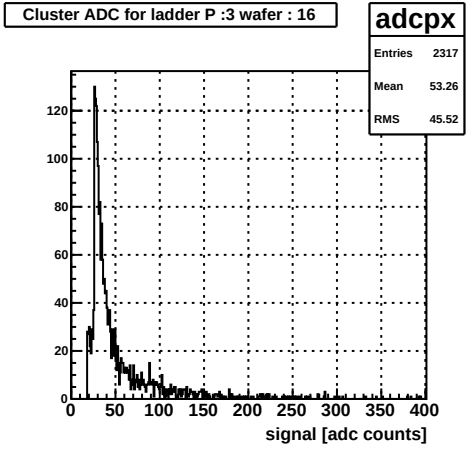

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1346
Mean 73.28
RMS 62.16
signal [adc counts]

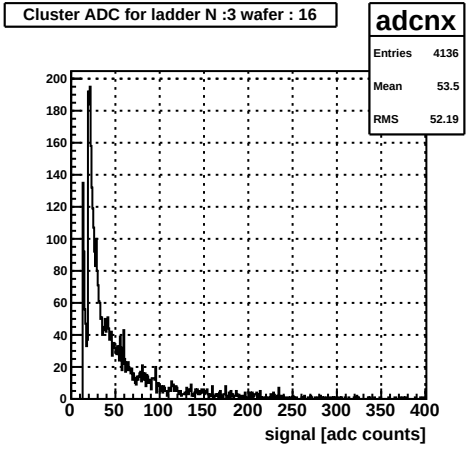

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3337
Mean 47.57
RMS 53.51
signal [adc counts]

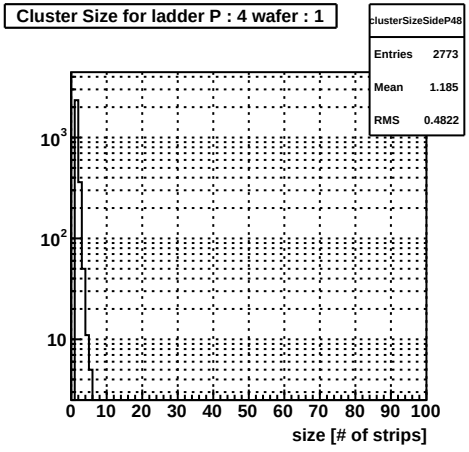

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2317
Mean 1.171
RMS 0.5169
size [# of strips]

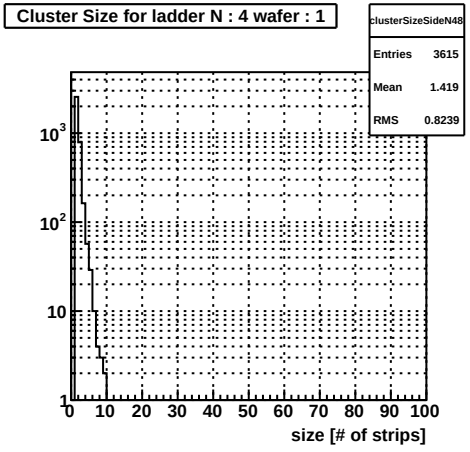

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 4136
Mean 1.314
RMS 0.6807
size [# of strips]

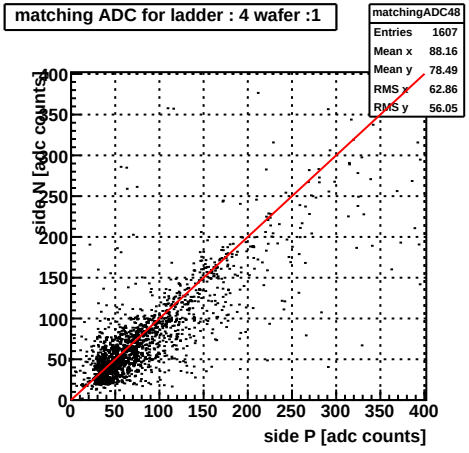

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1040
Mean x 79.66
Mean y 88.92
RMS x 59.26
RMS y 65.33
side N [adc counts]
side P [adc counts]

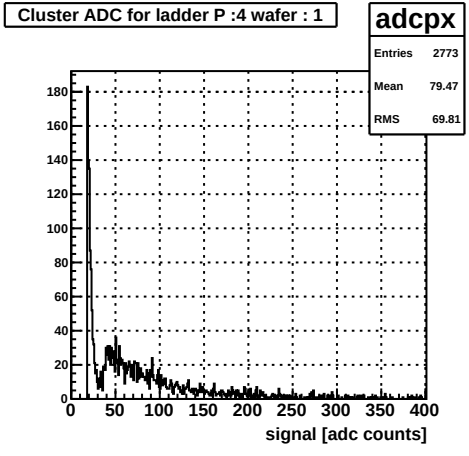

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2317
Mean 53.26
RMS 45.52
signal [adc counts]

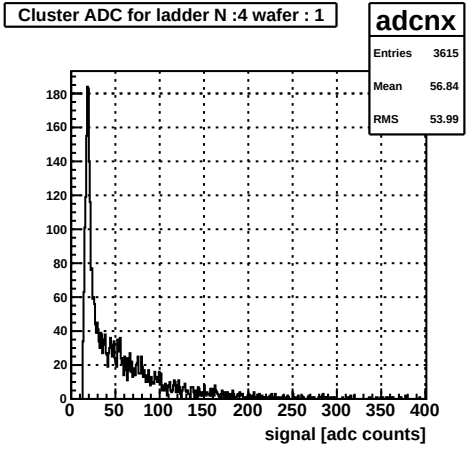

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 4136
Mean 53.5
RMS 52.19
signal [adc counts]

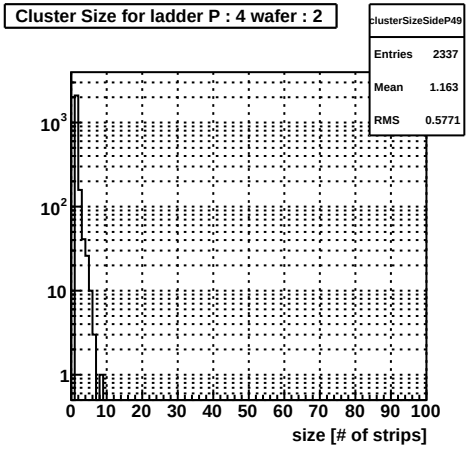

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2773
Mean 1.185
RMS 0.4822
size [# of strips]

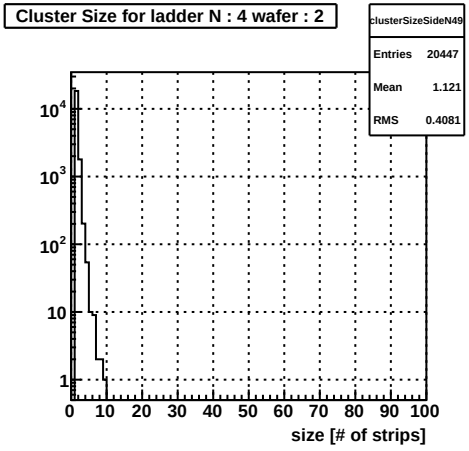

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3615
Mean 1.419
RMS 0.8239
size [# of strips]

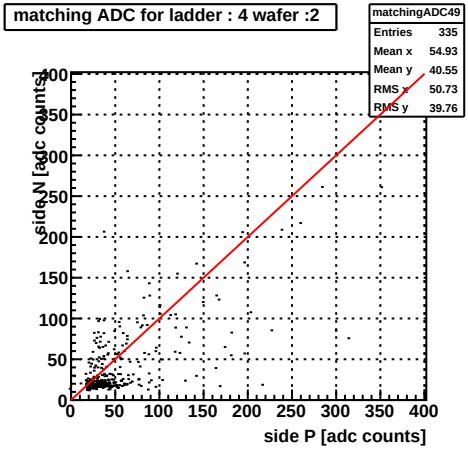

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1607
Mean x 88.16
Mean y 78.49
RMS x 62.86
RMS y 56.05
side N [adc counts]
side P [adc counts]

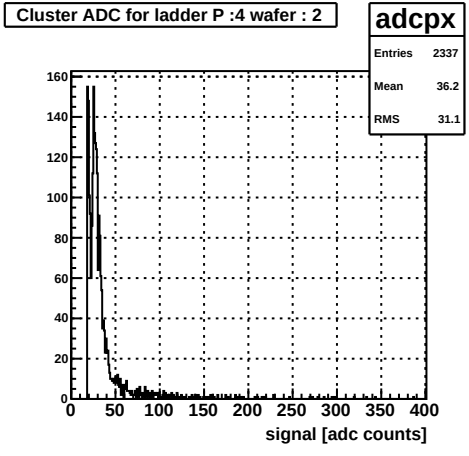

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2773
Mean 79.47
RMS 69.81
signal [adc counts]

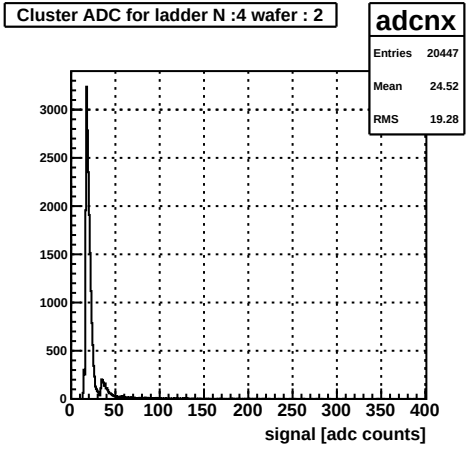

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3615
Mean 56.84
RMS 53.99
signal [adc counts]

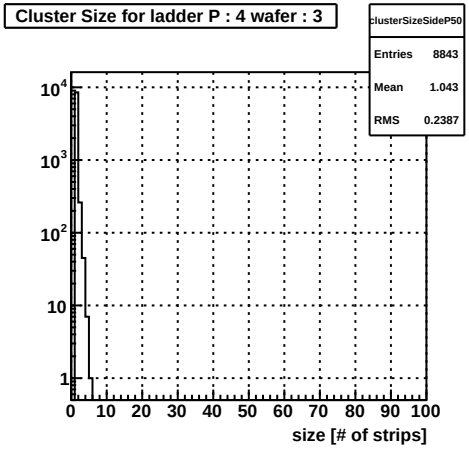

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2337
Mean 1.163
RMS 0.5771
size [# of strips]

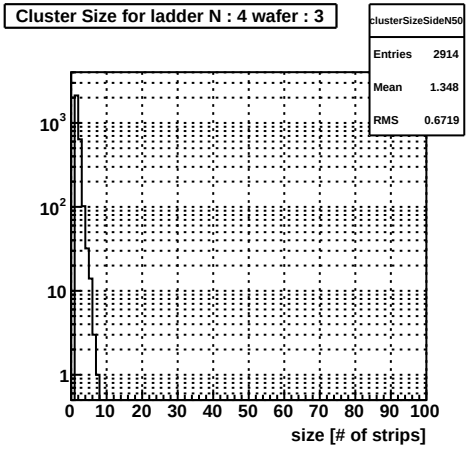

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 20447
Mean 1.121
RMS 0.4081
size [# of strips]

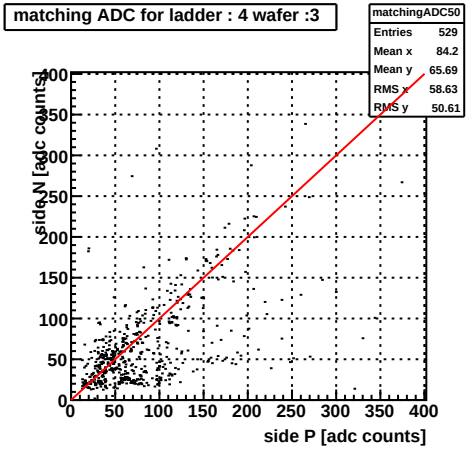

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 335
Mean x 54.93
Mean y 40.55
RMS x 50.73
RMS y 39.76
side N [adc counts]
side P [adc counts]

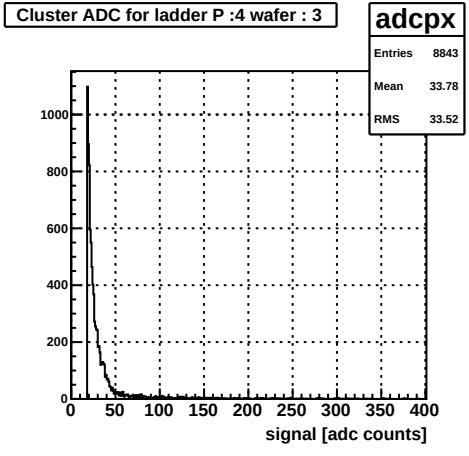

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2337
Mean 36.2
RMS 31.1
signal [adc counts]

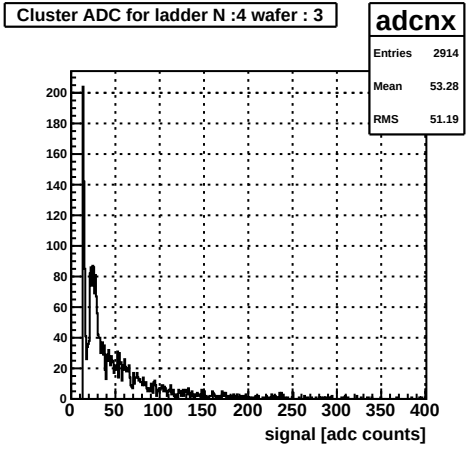

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 20447
Mean 24.52
RMS 19.28
signal [adc counts]

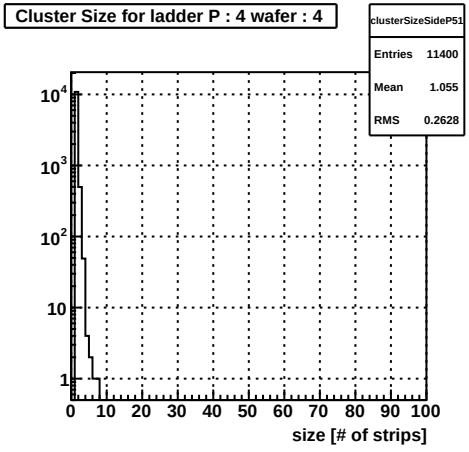

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8843
Mean 1.043
RMS 0.2387
size [# of strips]

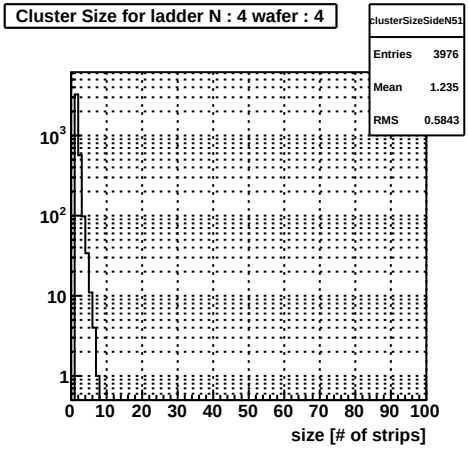

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2914
Mean 1.348
RMS 0.6719
size [# of strips]

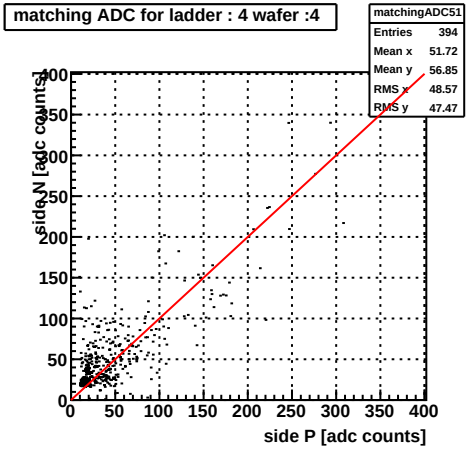

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 529
Mean x 84.2
Mean y 65.69
RMS x 58.63
RMS y 50.61
side N [adc counts]
side P [adc counts]

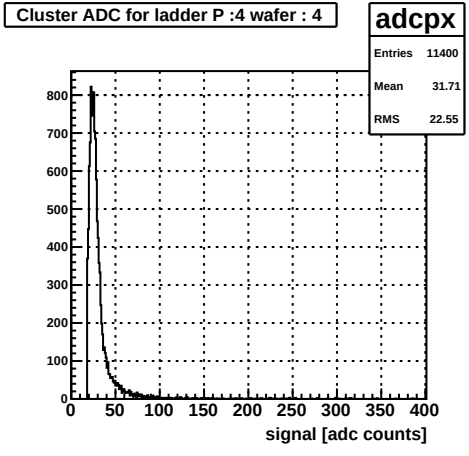

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8843
Mean 33.78
RMS 33.52
signal [adc counts]

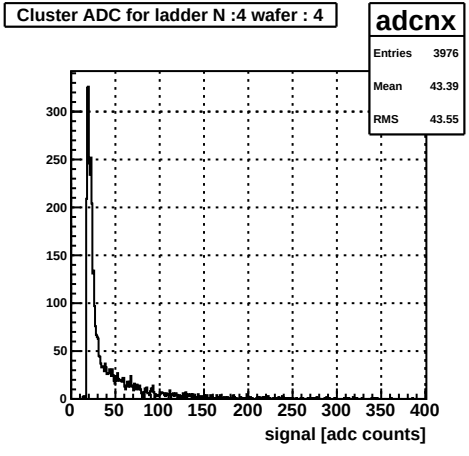

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2914
Mean 53.28
RMS 51.19
signal [adc counts]

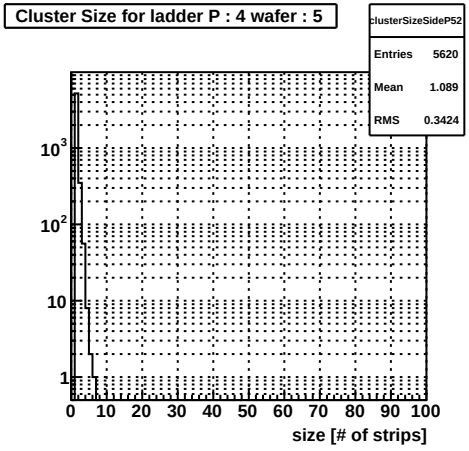

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11400
Mean 1.055
RMS 0.2628
size [# of strips]

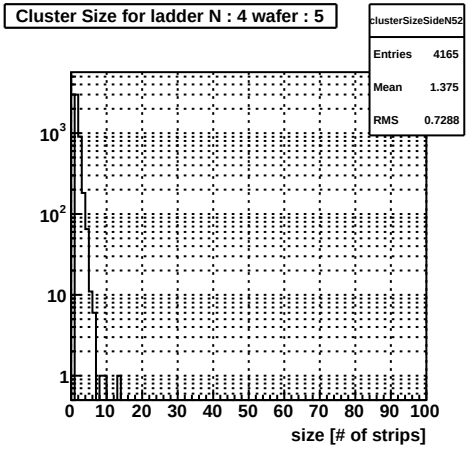

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3976
Mean 1.235
RMS 0.5843
size [# of strips]

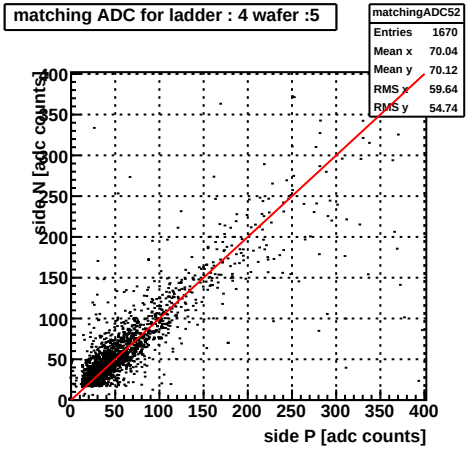

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 394
Mean x 51.72
Mean y 56.85
RMS x 48.57
RMS y 47.47
side N [adc counts]
side P [adc counts]

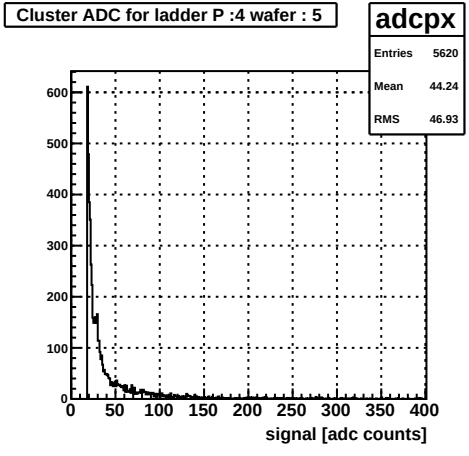

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11400
Mean 31.71
RMS 22.55
signal [adc counts]

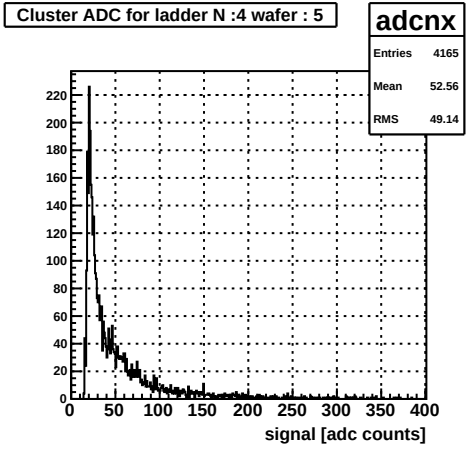

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3976
Mean 43.39
RMS 43.55
signal [adc counts]

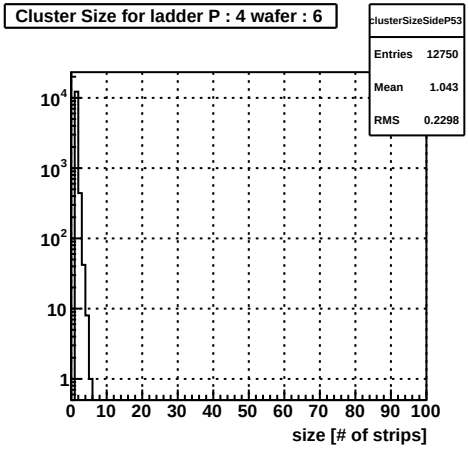

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5620
Mean 1.089
RMS 0.3424
size [# of strips]

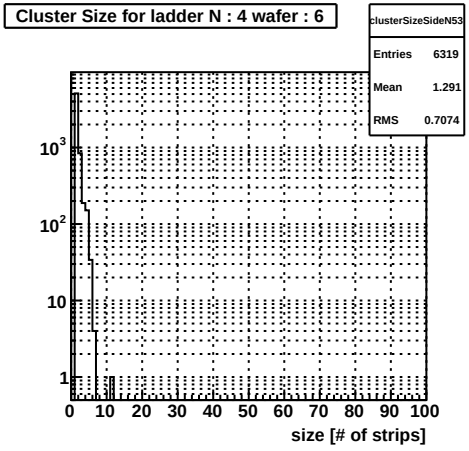

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4165
Mean 1.375
RMS 0.7288
size [# of strips]

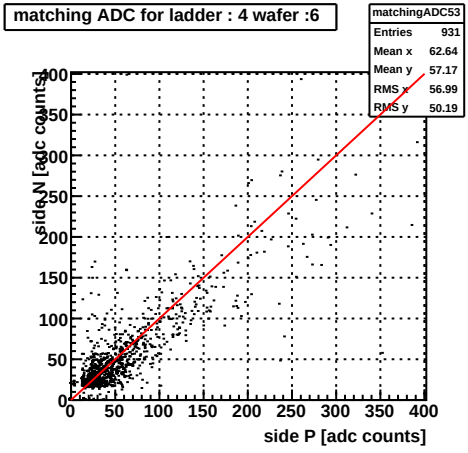

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1670
Mean x 70.04
Mean y 70.12
RMS x 59.64
RMS y 54.74
side N [adc counts]
side P [adc counts]

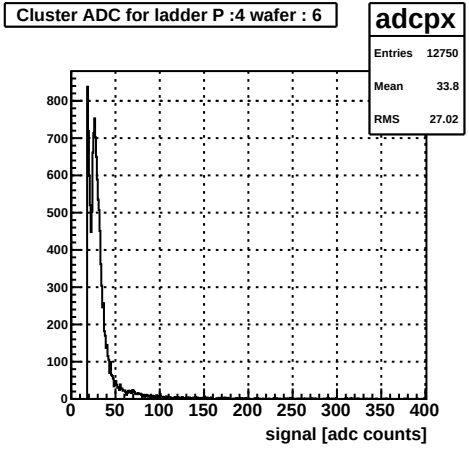

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5620
Mean 44.24
RMS 46.93
signal [adc counts]

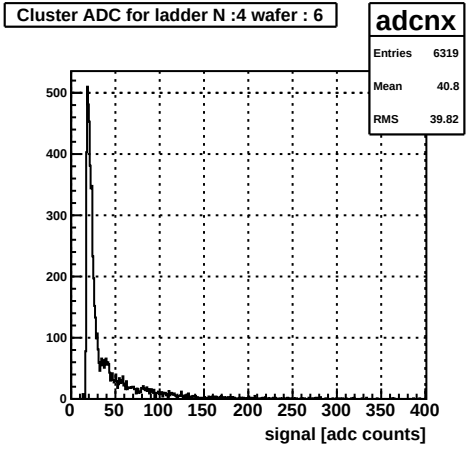

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4165
Mean 52.56
RMS 49.14
signal [adc counts]

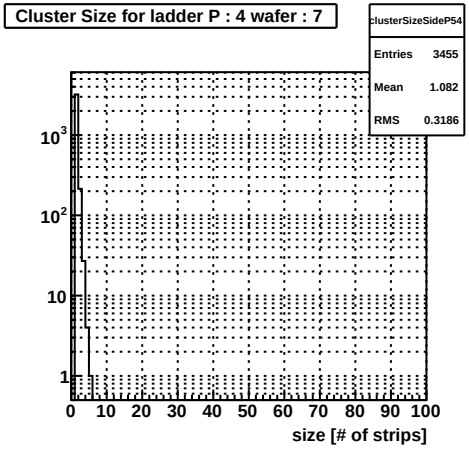

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 12750
Mean 1.043
RMS 0.2298
size [# of strips]

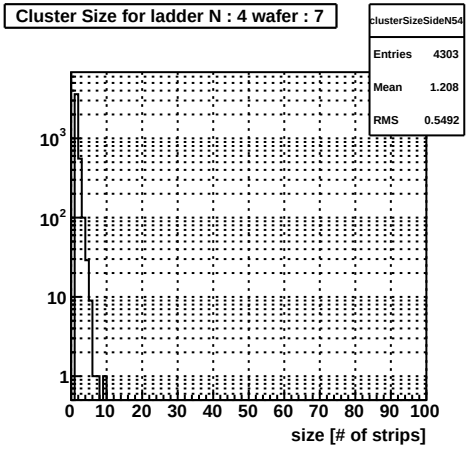

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6319
Mean 1.291
RMS 0.7074
size [# of strips]

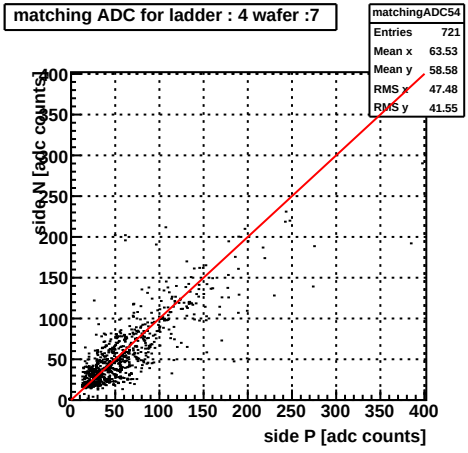

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 931
Mean x 62.64
Mean y 57.17
RMS x 56.99
RMS y 50.19
side N [adc counts]
side P [adc counts]

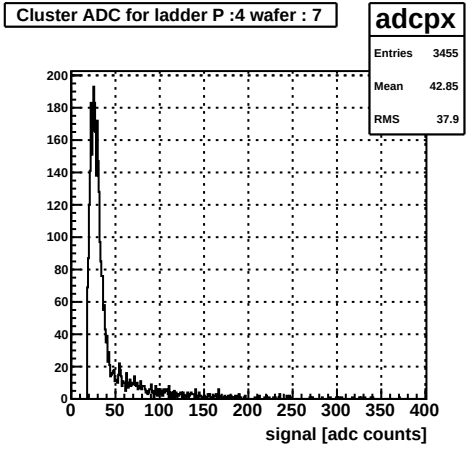

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 12750
Mean 33.8
RMS 27.02
signal [adc counts]

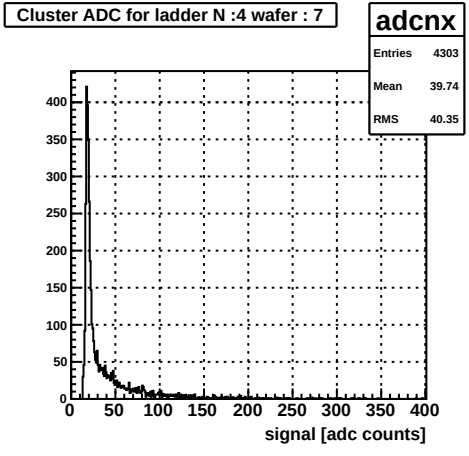

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6319
Mean 40.8
RMS 39.82
signal [adc counts]

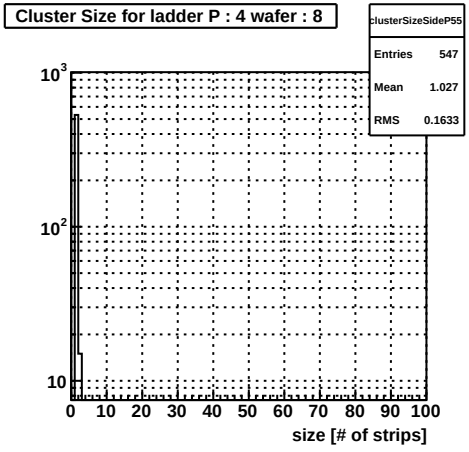

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3455
Mean 1.082
RMS 0.3186
size [# of strips]

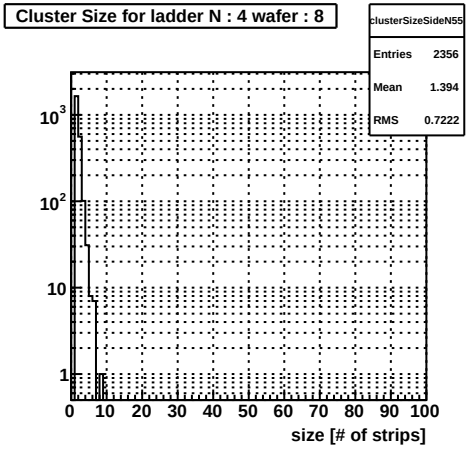

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4303
Mean 1.208
RMS 0.5492
size [# of strips]

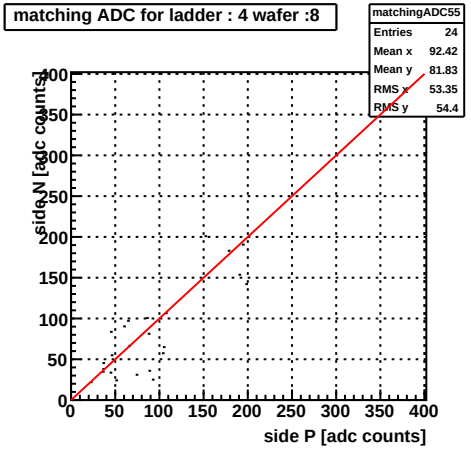

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 721
Mean x 63.53
Mean y 58.58
RMS x 47.48
RMS y 41.55
side N [adc counts]
side P [adc counts]

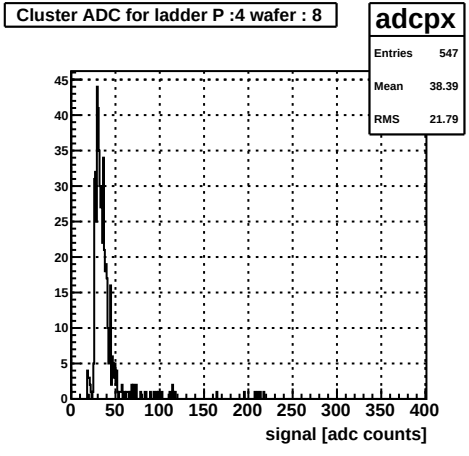

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3455
Mean 42.85
RMS 37.9
signal [adc counts]

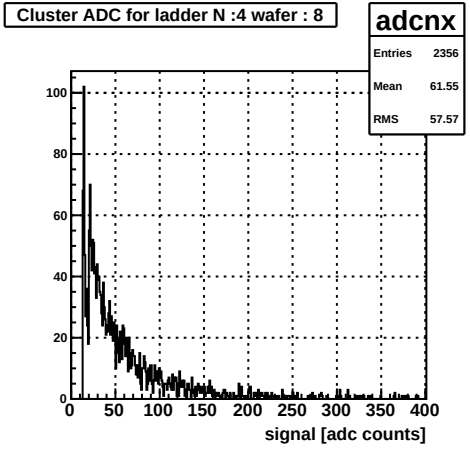

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4303
Mean 39.74
RMS 40.35
signal [adc counts]

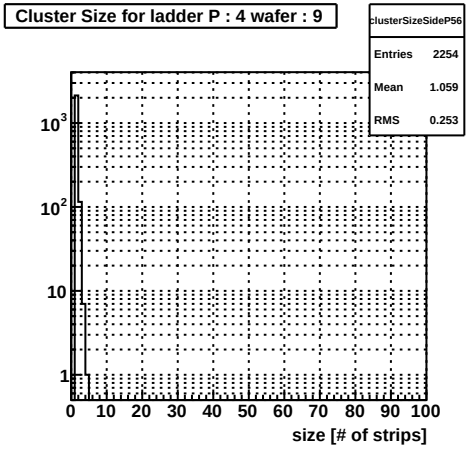

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 547
Mean 1.027
RMS 0.1633
size [# of strips]

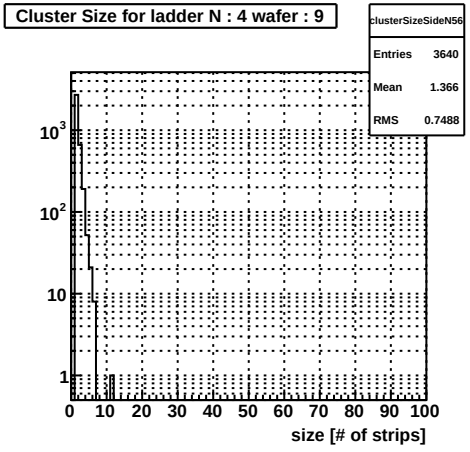

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2356
Mean 1.394
RMS 0.7222
size [# of strips]

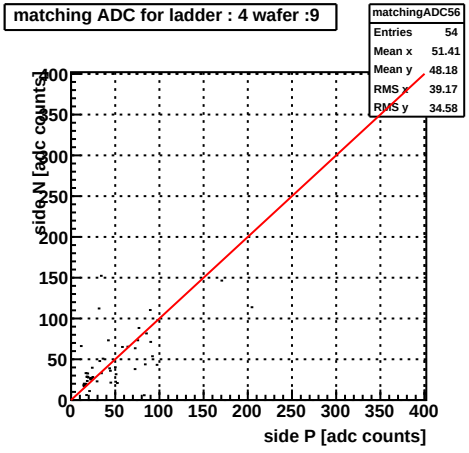

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 24
Mean x 92.42
Mean y 81.83
RMS x 53.35
RMS y 54.4
side N [adc counts]
side P [adc counts]

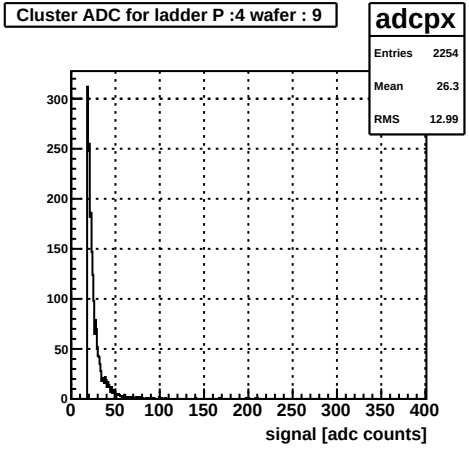

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 547
Mean 38.39
RMS 21.79
signal [adc counts]

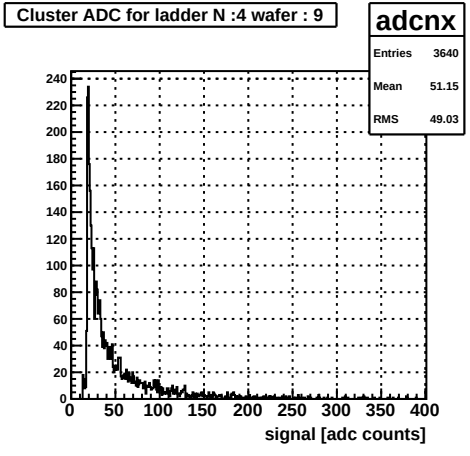

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2356
Mean 61.55
RMS 57.57
signal [adc counts]

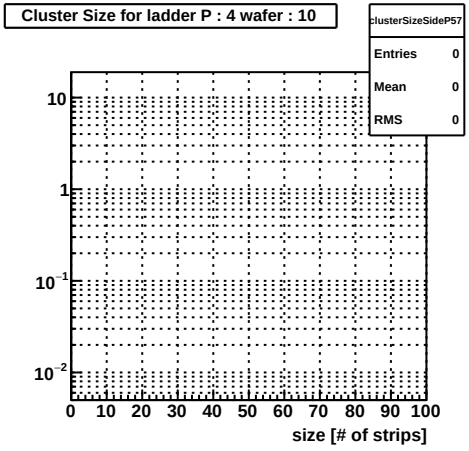

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2254
Mean 1.059
RMS 0.253
size [# of strips]

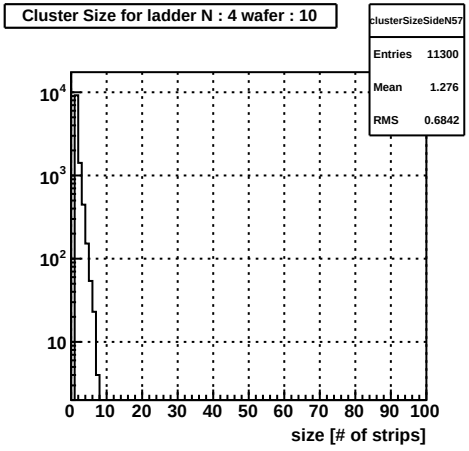

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3640
Mean 1.366
RMS 0.7488
size [# of strips]

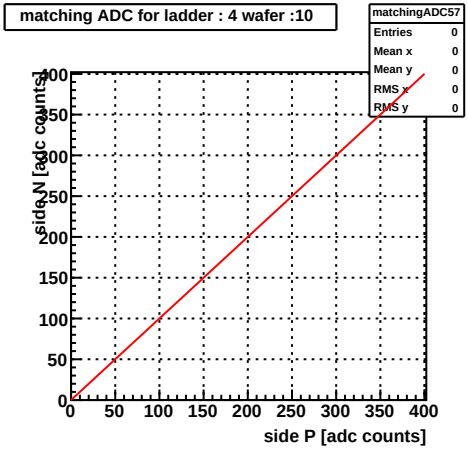

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 54
Mean x 51.41
Mean y 48.18
RMS x 39.17
RMS y 34.58
side N [adc counts]
side P [adc counts]

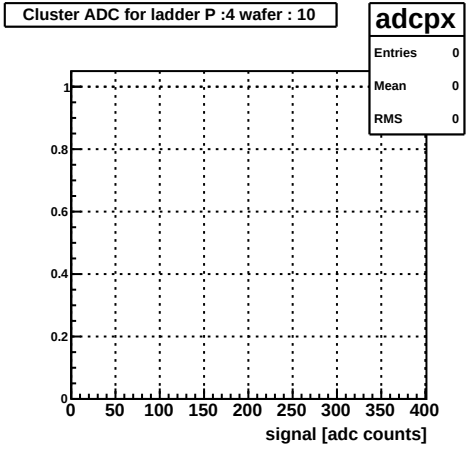

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2254
Mean 26.3
RMS 12.99
signal [adc counts]

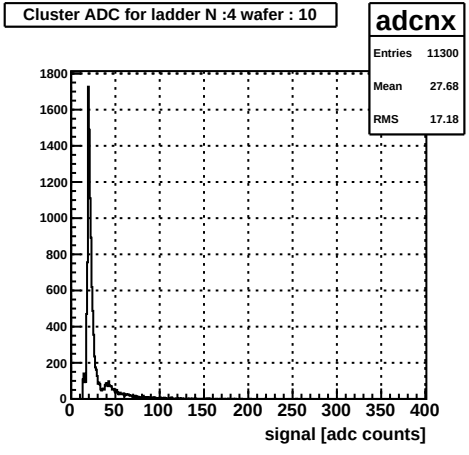

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3640
Mean 51.15
RMS 49.03
signal [adc counts]

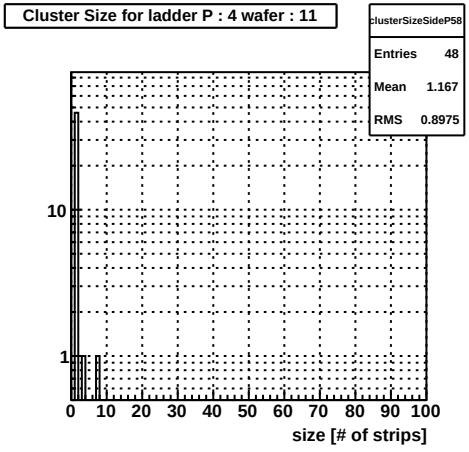

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

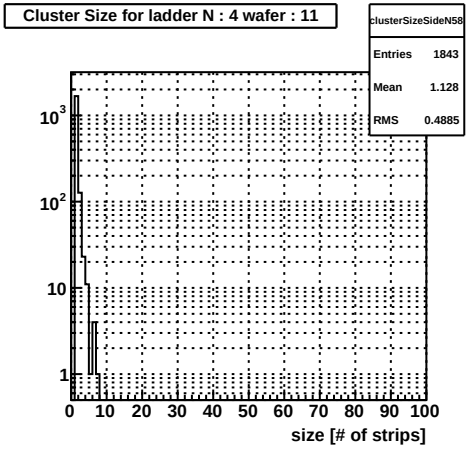

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 11300
Mean 1.276
RMS 0.6842
size [# of strips]

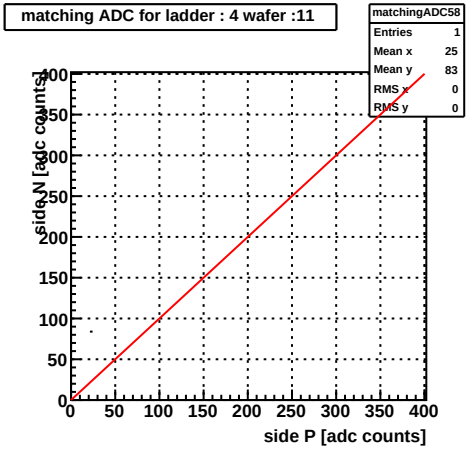

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

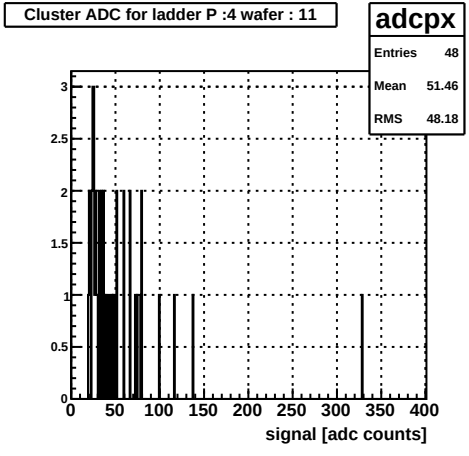

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

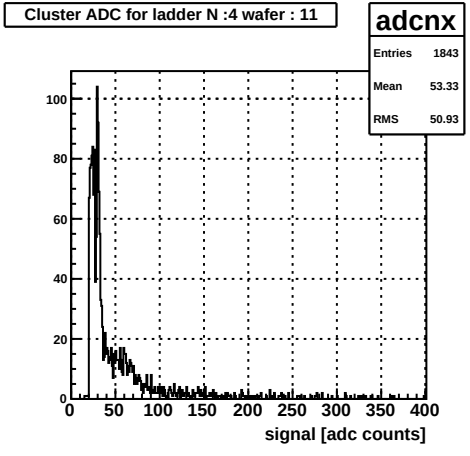

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 11300
Mean 27.68
RMS 17.18
signal [adc counts]

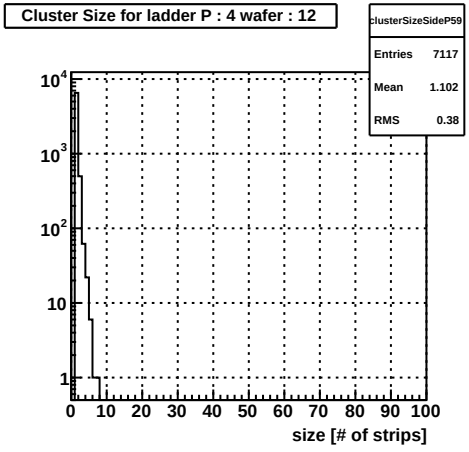

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 48
Mean 1.167
RMS 0.8975
size [# of strips]

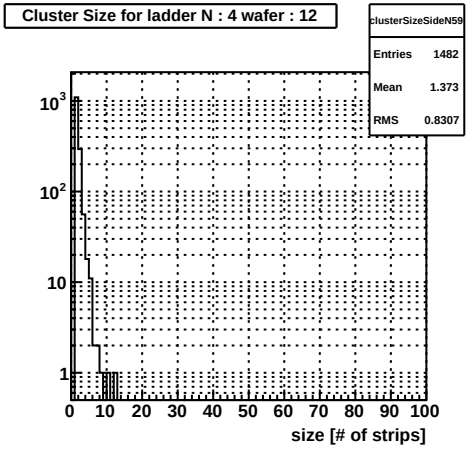

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 1843
Mean 1.128
RMS 0.4885
size [# of strips]

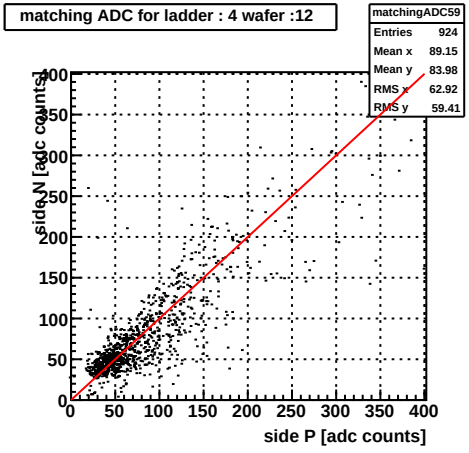

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 25
Mean y 83
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

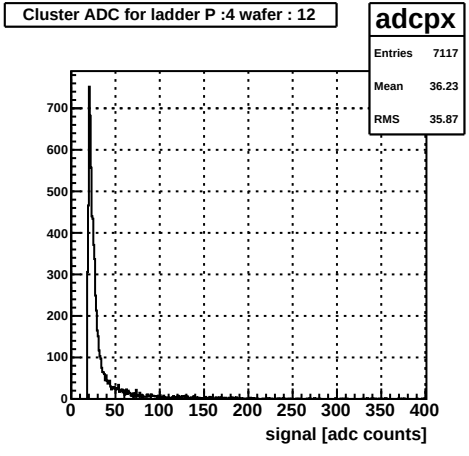

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 48
Mean 51.46
RMS 48.18
signal [adc counts]

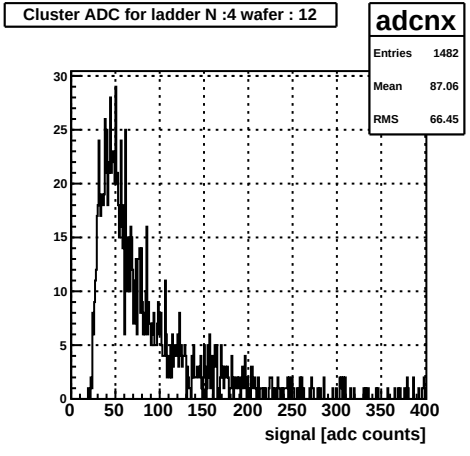

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 1843
Mean 53.33
RMS 50.93
signal [adc counts]

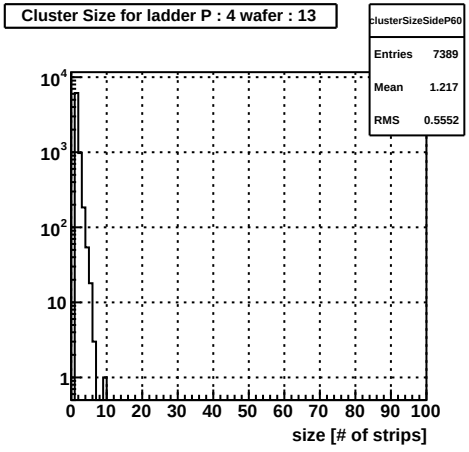

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7117
Mean 1.102
RMS 0.38
size [# of strips]

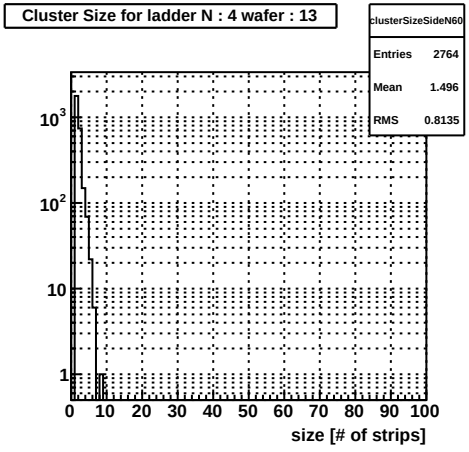

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1482
Mean 1.373
RMS 0.8307
size [# of strips]

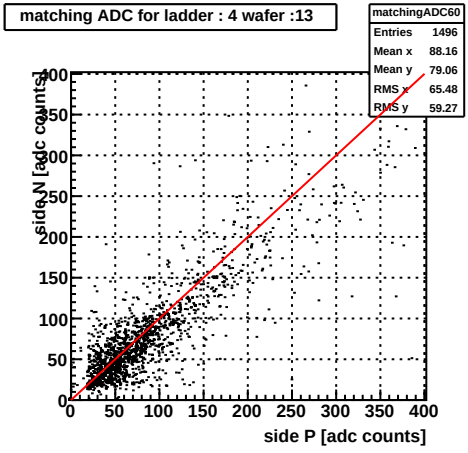

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 924
Mean x 89.15
Mean y 83.98
RMS x 62.92
RMS y 59.41
side N [adc counts]
side P [adc counts]

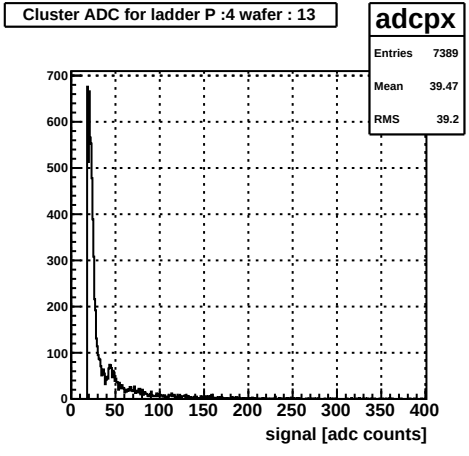

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7117
Mean 36.23
RMS 35.87
signal [adc counts]

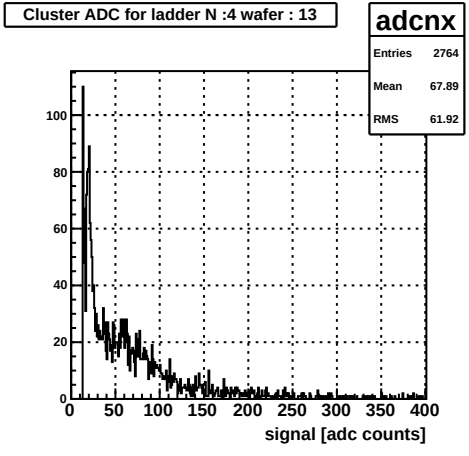

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1482
Mean 87.06
RMS 66.45
signal [adc counts]

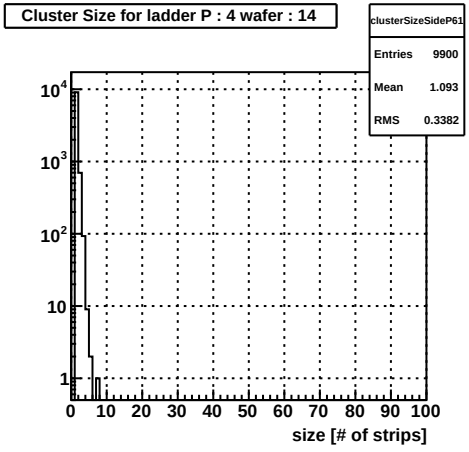

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7389
Mean 1.217
RMS 0.5552
size [# of strips]

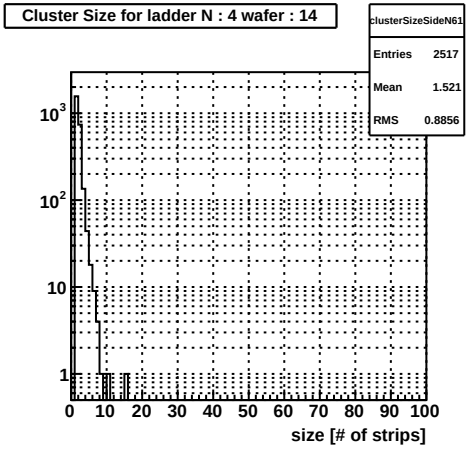

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2764
Mean 1.496
RMS 0.8135
size [# of strips]

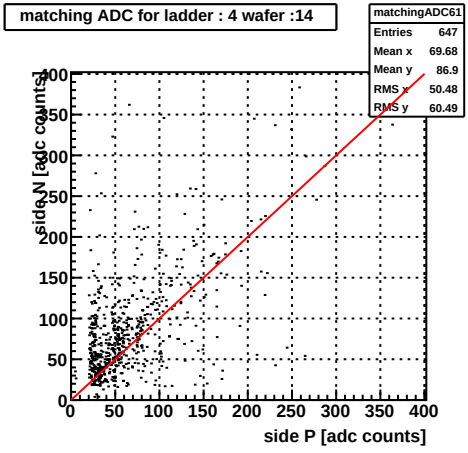

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1496
Mean x 88.16
Mean y 79.06
RMS x 65.48
RMS y 59.27
side N [adc counts]
side P [adc counts]

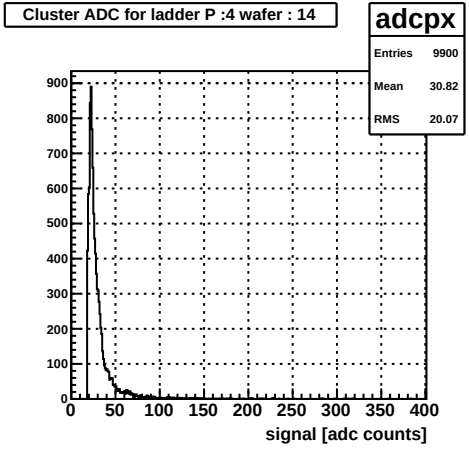

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7389
Mean 39.47
RMS 39.2
signal [adc counts]

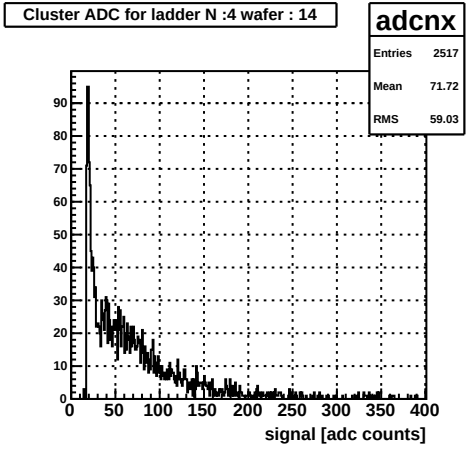

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2764
Mean 67.89
RMS 61.92
signal [adc counts]

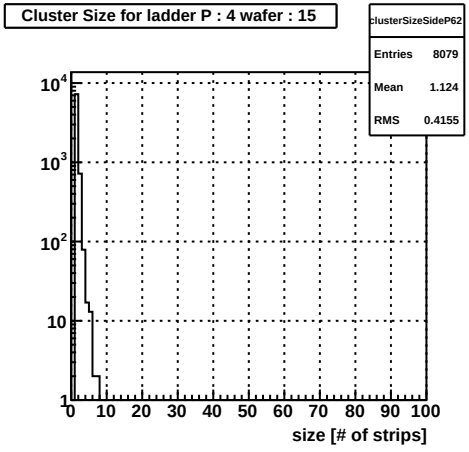

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9900
Mean 1.093
RMS 0.3382
size [# of strips]

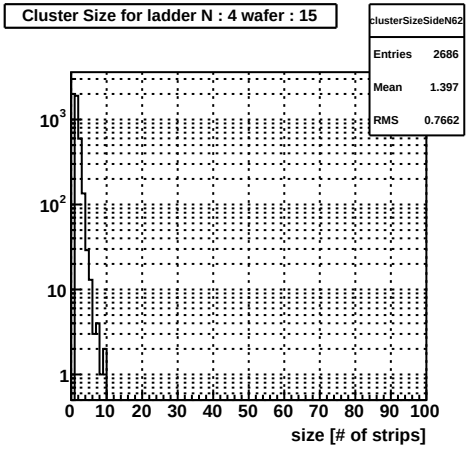

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2517
Mean 1.521
RMS 0.8856
size [# of strips]

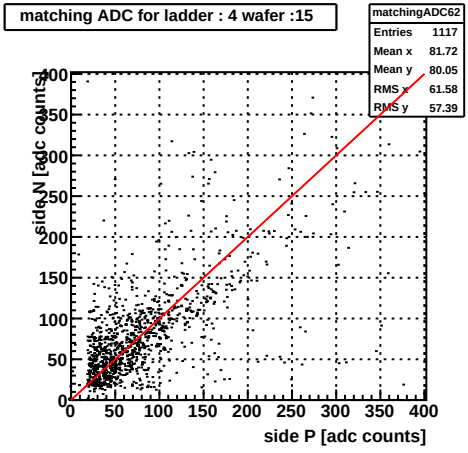

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 647
Mean x 69.68
Mean y 86.9
RMS x 50.48
RMS y 60.49
side N [adc counts]
side P [adc counts]

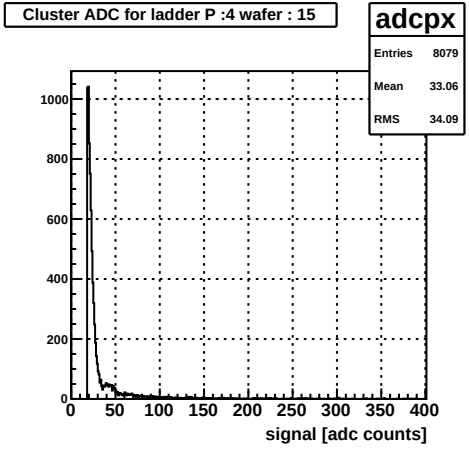

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9900
Mean 30.82
RMS 20.07
signal [adc counts]

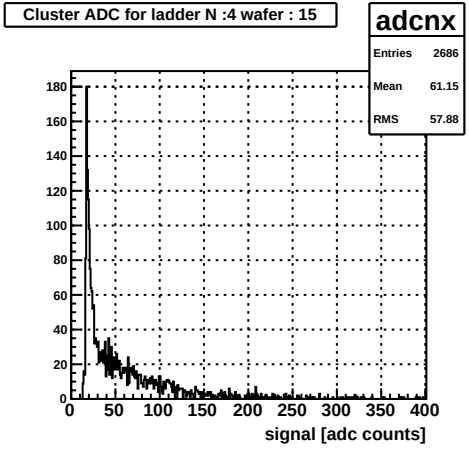

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2517
Mean 71.72
RMS 59.03
signal [adc counts]

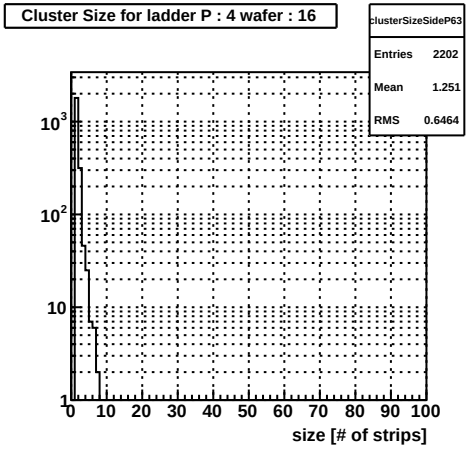

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8079
Mean 1.124
RMS 0.4155
size [# of strips]

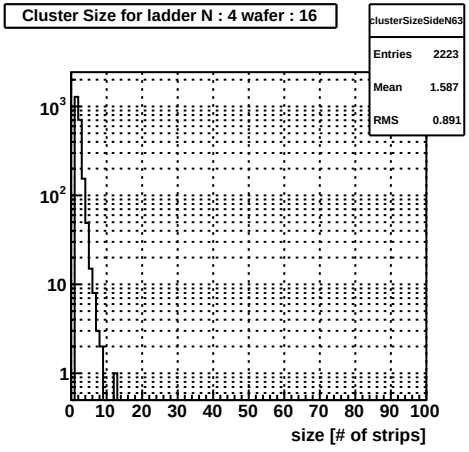

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2686
Mean 1.397
RMS 0.7662
size [# of strips]

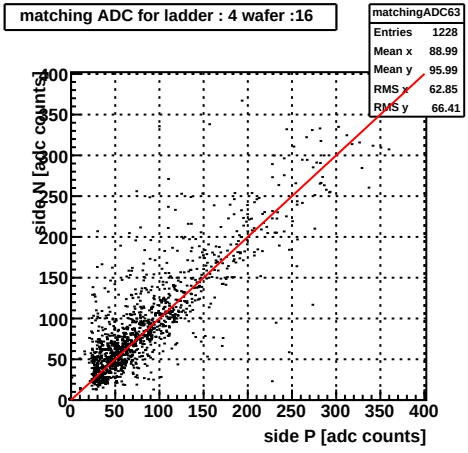

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1117
Mean x 81.72
Mean y 80.05
RMS x 61.58
RMS y 57.39
side N [adc counts]
side P [adc counts]

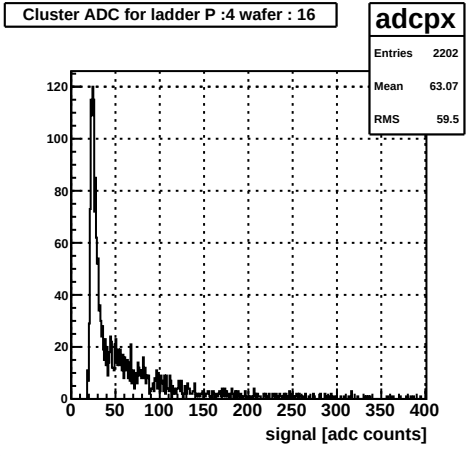

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8079
Mean 33.06
RMS 34.09
signal [adc counts]

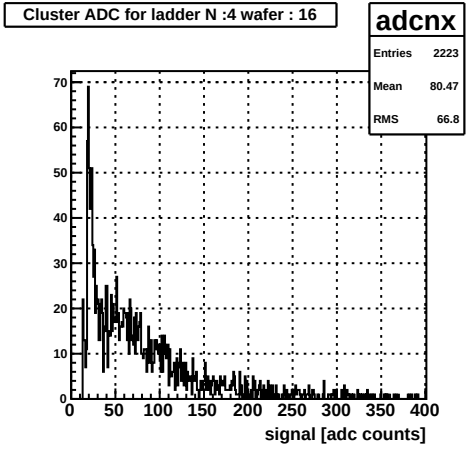

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2686
Mean 61.15
RMS 57.88
signal [adc counts]

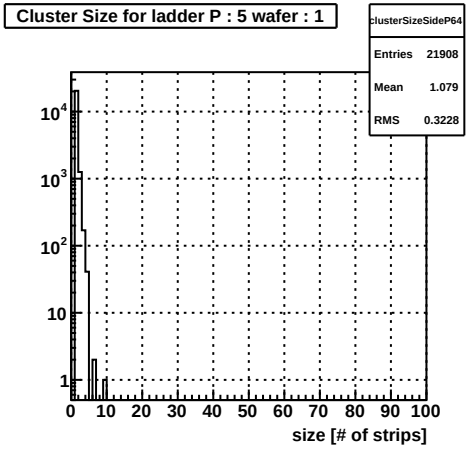

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2202
Mean 1.251
RMS 0.6464
size [# of strips]

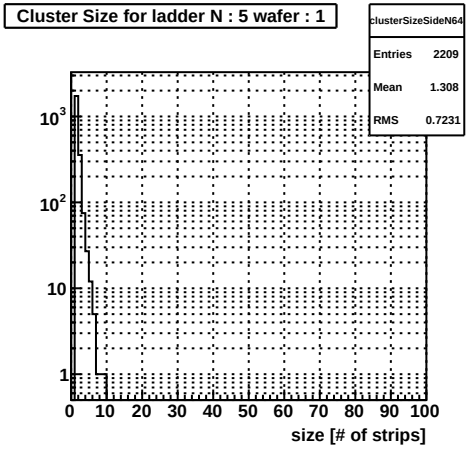

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2223
Mean 1.587
RMS 0.891
size [# of strips]

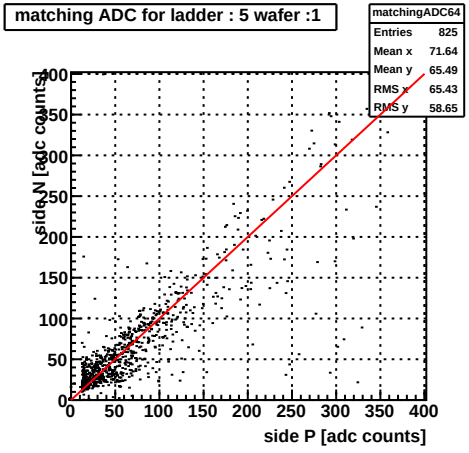

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1228
Mean x 88.99
Mean y 95.99
RMS x 62.85
RMS y 66.41
side N [adc counts]
side P [adc counts]

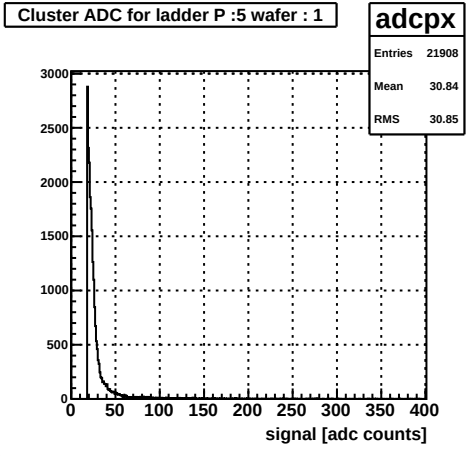

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2202
Mean 63.07
RMS 59.5
signal [adc counts]

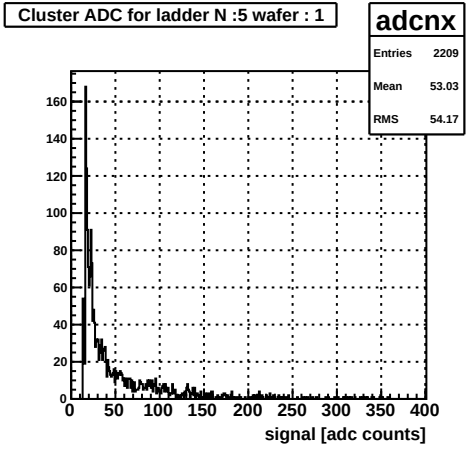

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2223
Mean 80.47
RMS 66.8
signal [adc counts]

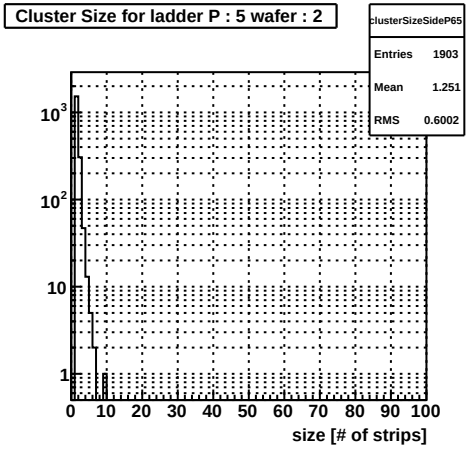

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21908
Mean 1.079
RMS 0.3228
size [# of strips]

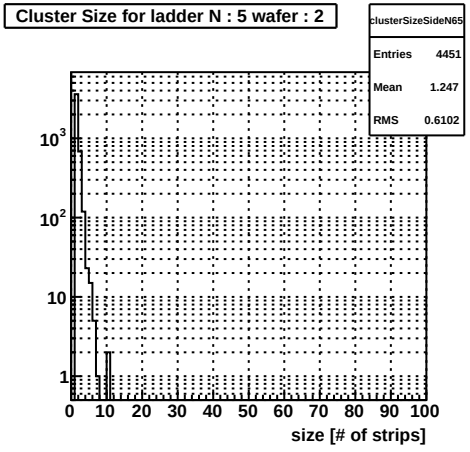

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2209
Mean 1.308
RMS 0.7231
size [# of strips]

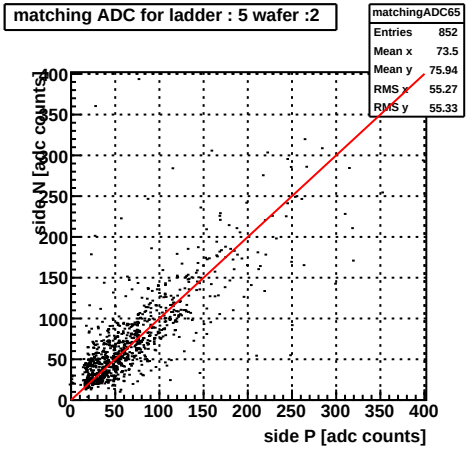

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 825
Mean x 71.64
Mean y 65.49
RMS x 65.43
RMS y 58.65
side N [adc counts]
side P [adc counts]

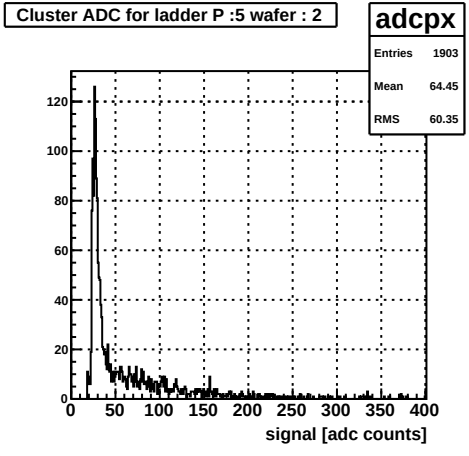

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21908
Mean 30.84
RMS 30.85
signal [adc counts]

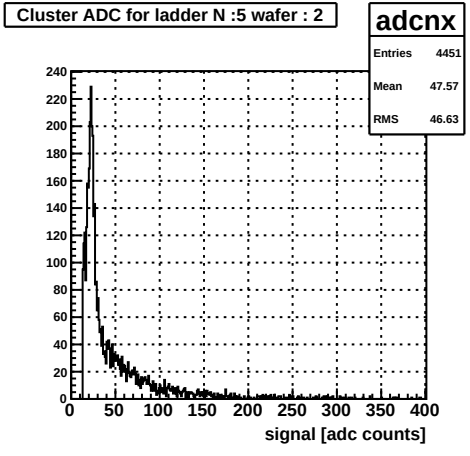

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2209
Mean 53.03
RMS 54.17
signal [adc counts]

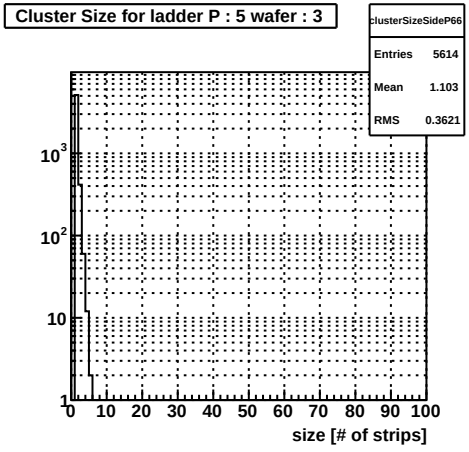

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1903
Mean 1.251
RMS 0.6002
size [# of strips]

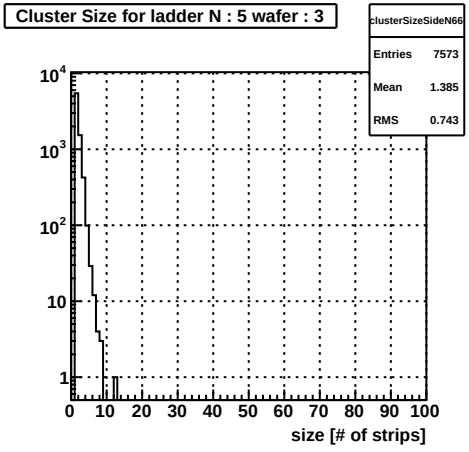

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4451
Mean 1.247
RMS 0.6102
size [# of strips]

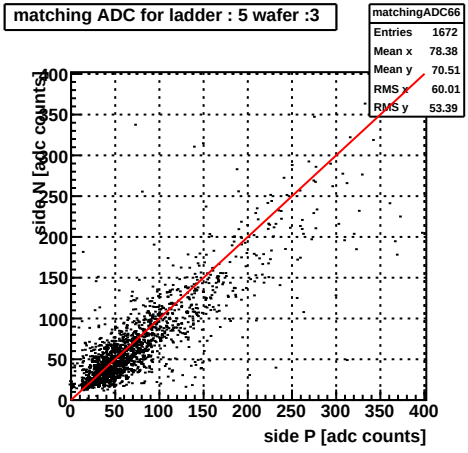

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 852
Mean x 73.5
Mean y 75.94
RMS x 55.27
RMS y 55.33
side N [adc counts]
side P [adc counts]

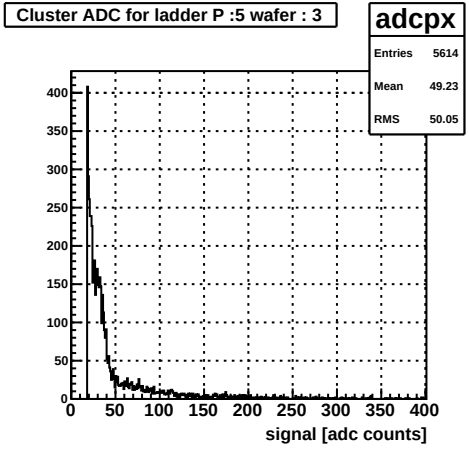

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1903
Mean 64.45
RMS 60.35
signal [adc counts]

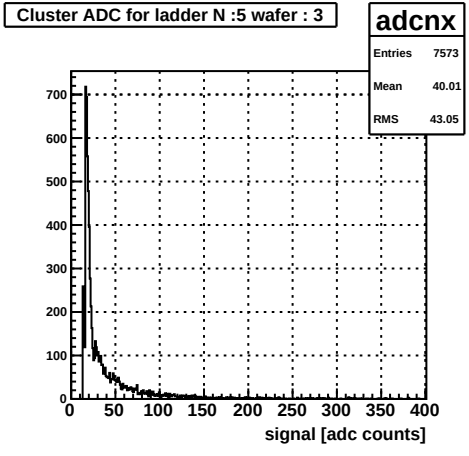

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4451
Mean 47.57
RMS 46.63
signal [adc counts]

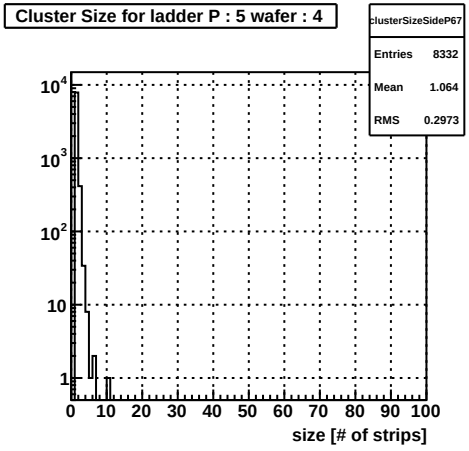

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5614
Mean 1.103
RMS 0.3621
size [# of strips]

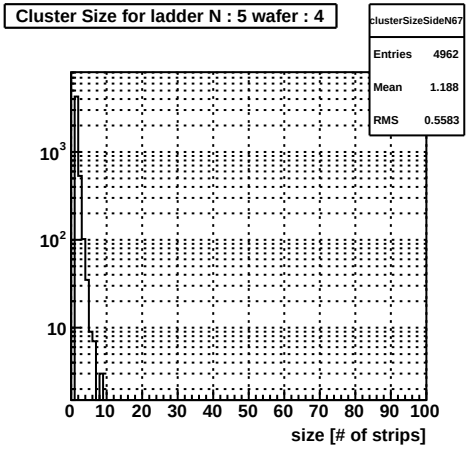

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7573
Mean 1.385
RMS 0.743
size [# of strips]

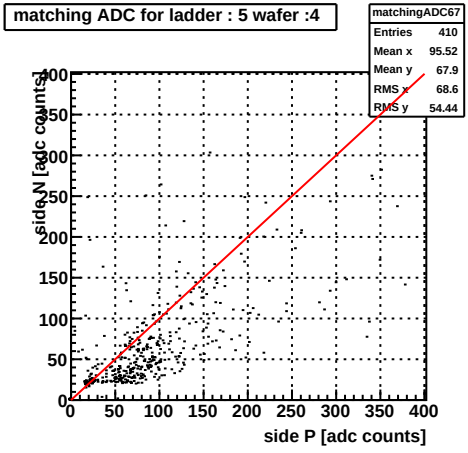

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1672
Mean x 78.38
Mean y 70.51
RMS x 60.01
RMS y 53.39
side N [adc counts]
side P [adc counts]

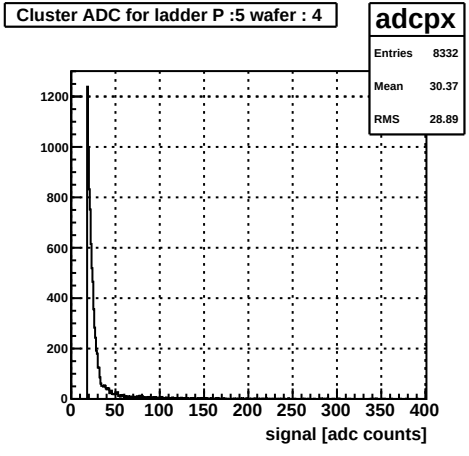

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5614
Mean 49.23
RMS 50.05
signal [adc counts]

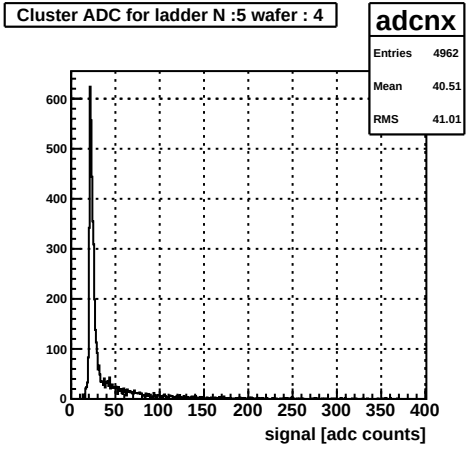

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7573
Mean 40.01
RMS 43.05
signal [adc counts]

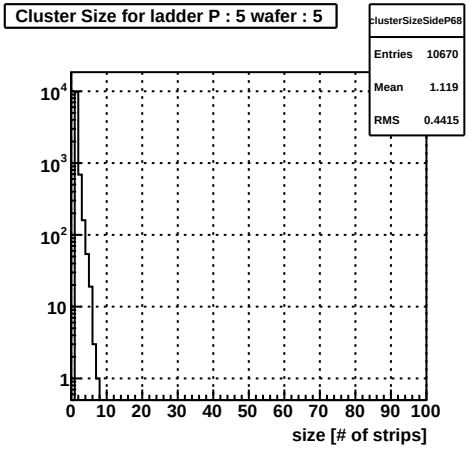

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8332
Mean 1.064
RMS 0.2973
size [# of strips]

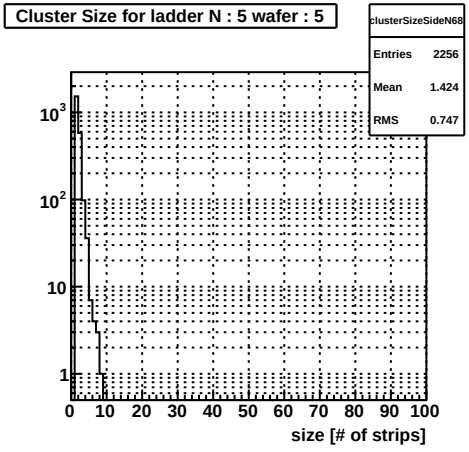

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4962
Mean 1.188
RMS 0.5583
size [# of strips]

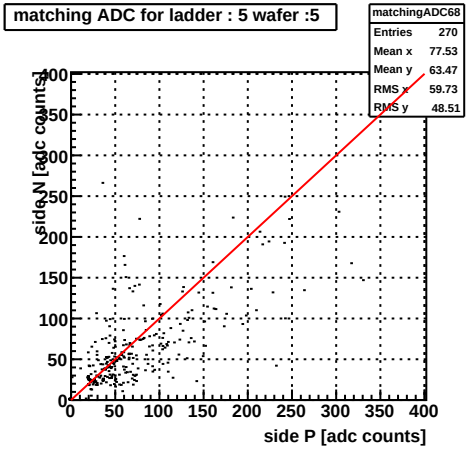

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 410
Mean x 95.52
Mean y 67.9
RMS x 68.6
RMS y 54.44
side N [adc counts]
side P [adc counts]

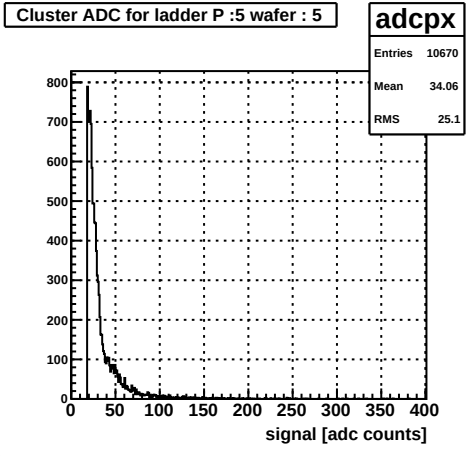

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8332
Mean 30.37
RMS 28.89
signal [adc counts]

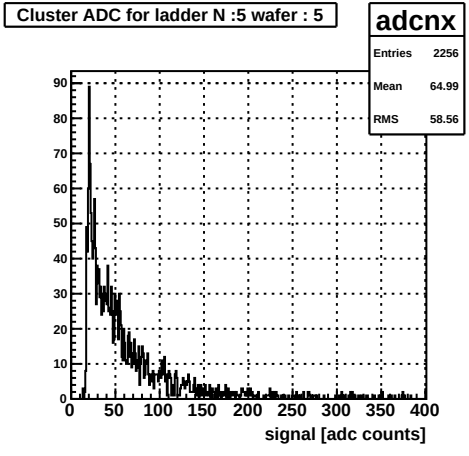

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4962
Mean 40.51
RMS 41.01
signal [adc counts]

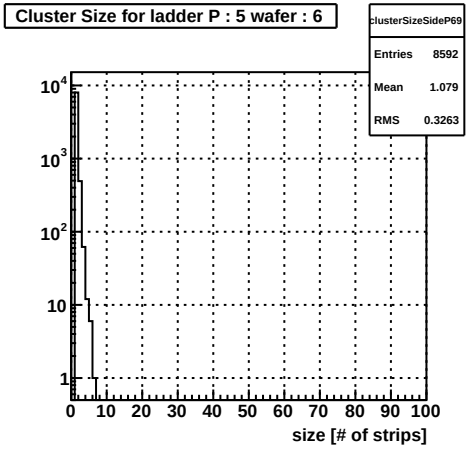

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 10670
Mean 1.119
RMS 0.4415
size [# of strips]

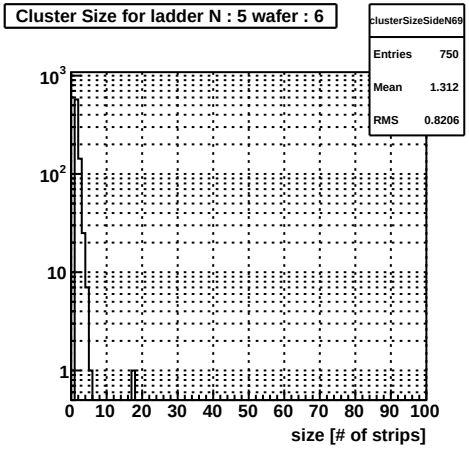

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2256
Mean 1.424
RMS 0.747
size [# of strips]

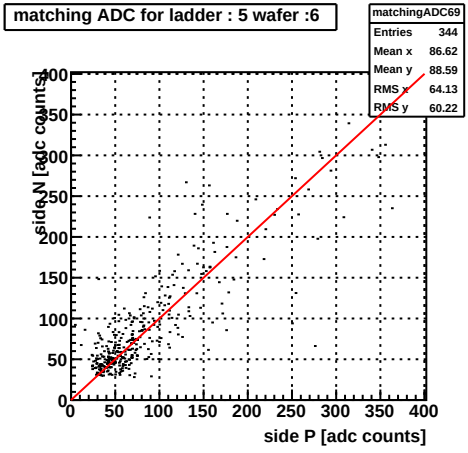

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 270
Mean x 77.53
Mean y 63.47
RMS x 59.73
RMS y 48.51
side N [adc counts]
side P [adc counts]

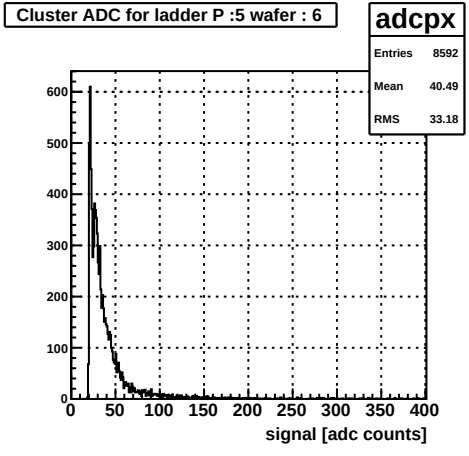

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 10670
Mean 34.06
RMS 25.1
signal [adc counts]

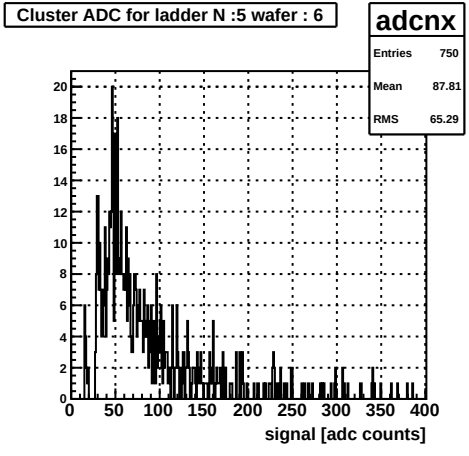

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2256
Mean 64.99
RMS 58.56
signal [adc counts]

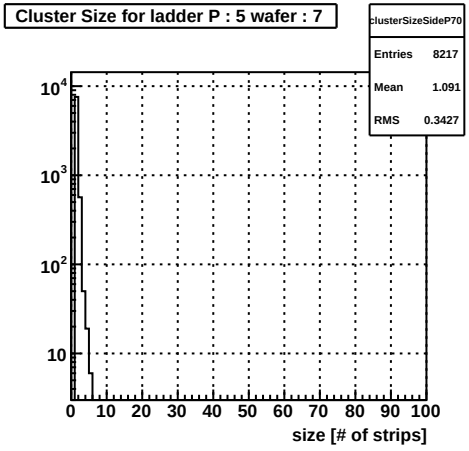

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8592
Mean 1.079
RMS 0.3263
size [# of strips]

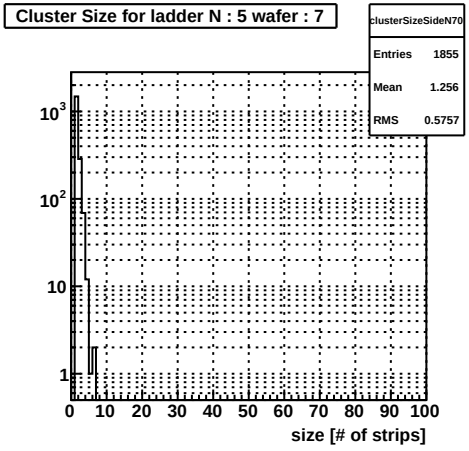

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 750
Mean 1.312
RMS 0.8206
size [# of strips]

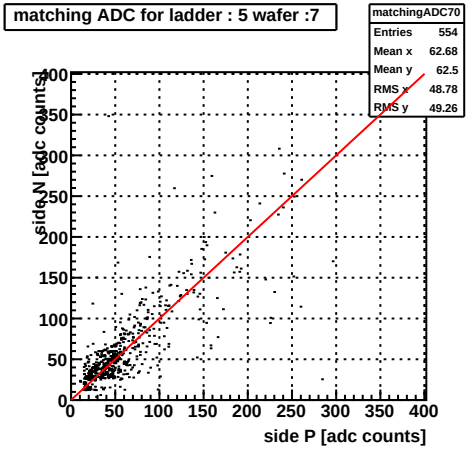

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 344
Mean x 86.62
Mean y 88.59
RMS x 64.13
RMS y 60.22
side N [adc counts]
side P [adc counts]

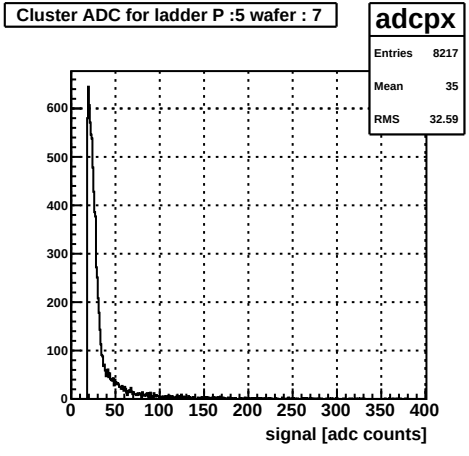

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8592
Mean 40.49
RMS 33.18
signal [adc counts]

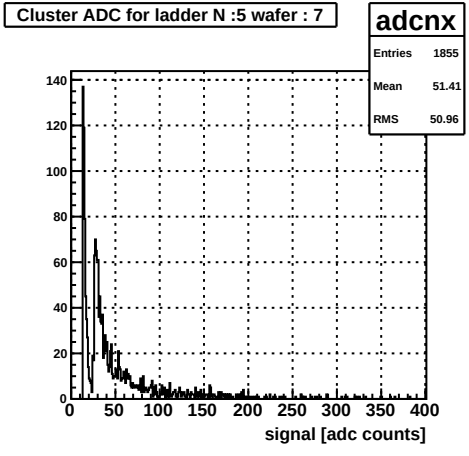

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 750
Mean 87.81
RMS 65.29
signal [adc counts]

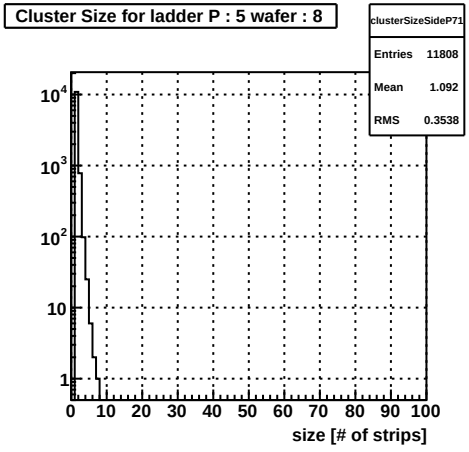

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8217
Mean 1.091
RMS 0.3427
size [# of strips]

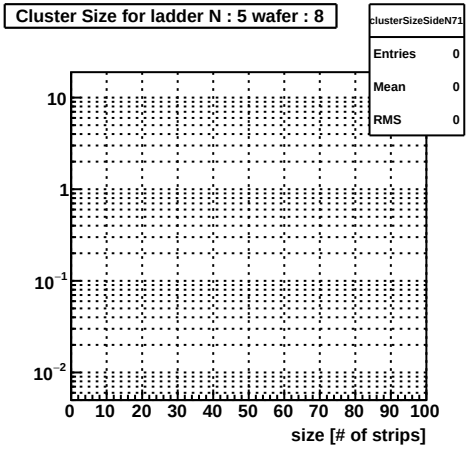

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1855
Mean 1.256
RMS 0.5757
size [# of strips]

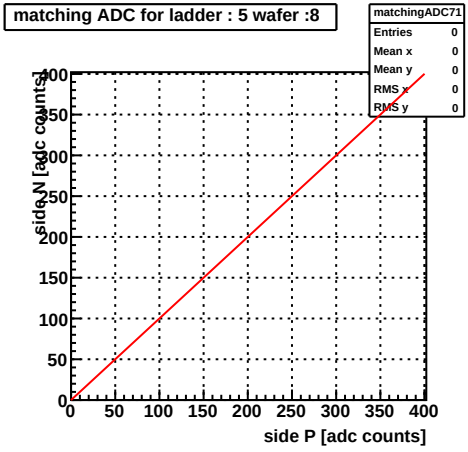

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 554
Mean x 62.68
Mean y 62.5
RMS x 48.78
RMS y 49.26
side N [adc counts]
side P [adc counts]

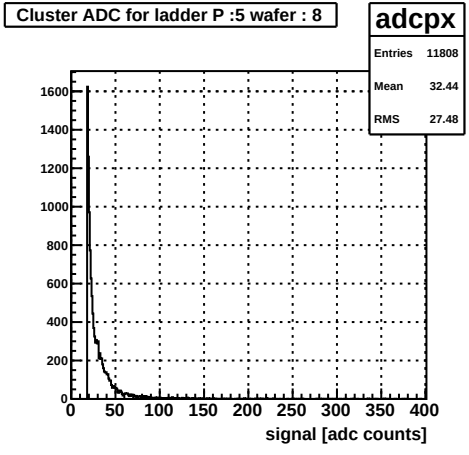

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8217
Mean 35
RMS 32.59
signal [adc counts]

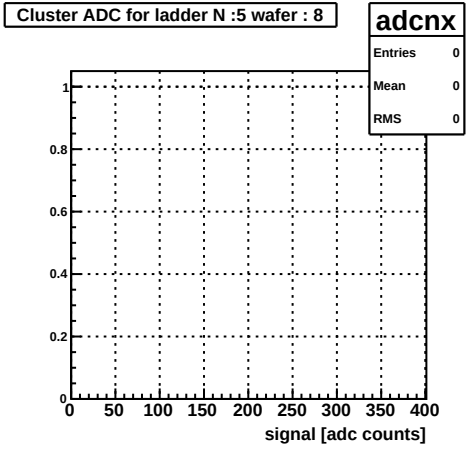

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1855
Mean 51.41
RMS 50.96
signal [adc counts]

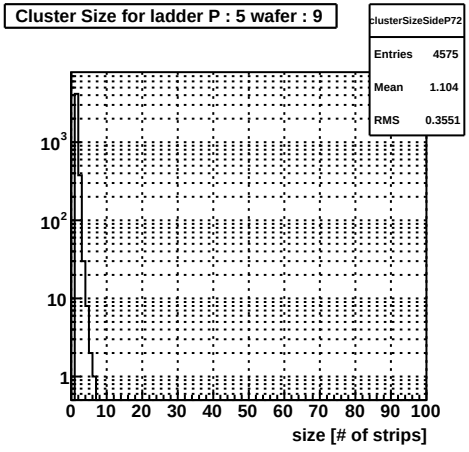

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 11808
Mean 1.092
RMS 0.3538
size [# of strips]

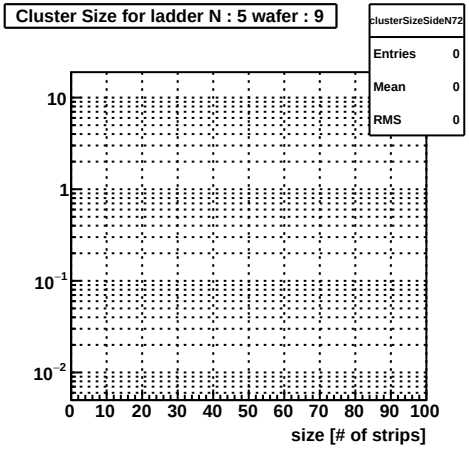

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

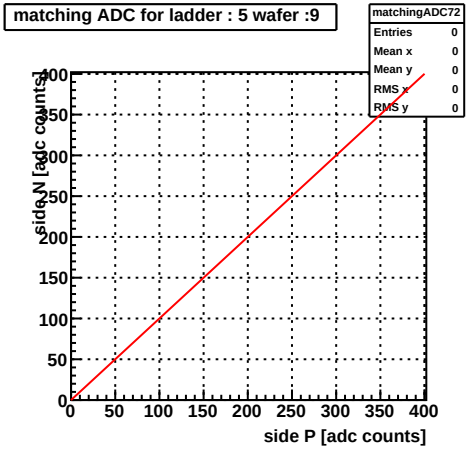

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

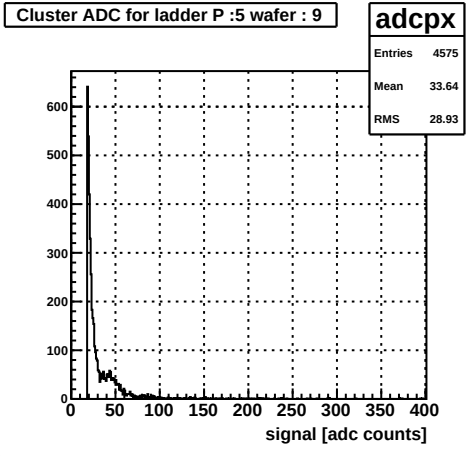

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 11808
Mean 32.44
RMS 27.48
signal [adc counts]

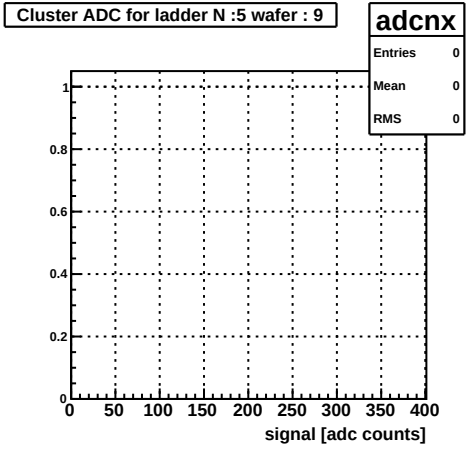

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

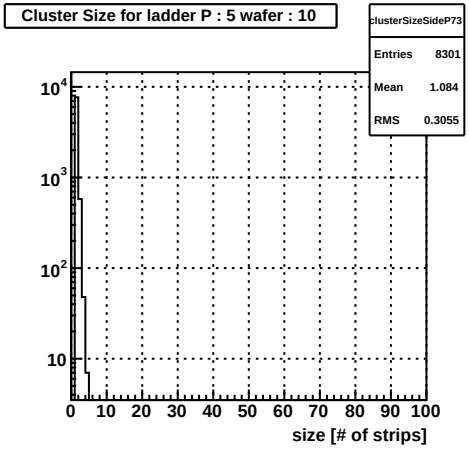

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4575
Mean 1.104
RMS 0.3551
size [# of strips]

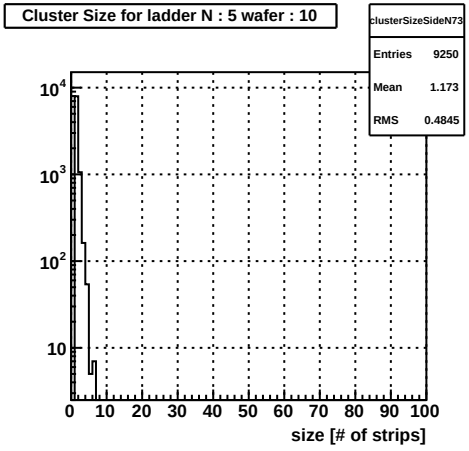

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

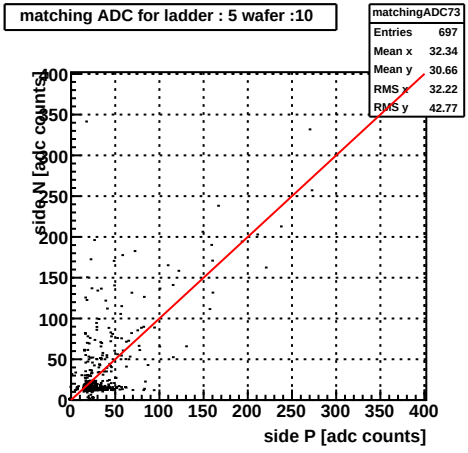

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

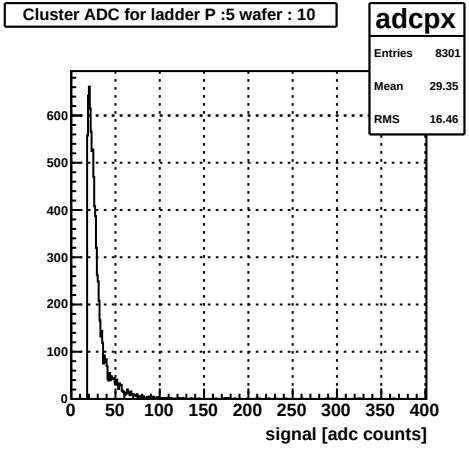

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4575
Mean 33.64
RMS 28.93
signal [adc counts]

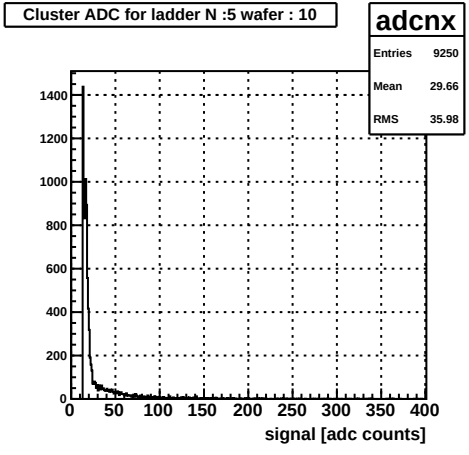

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

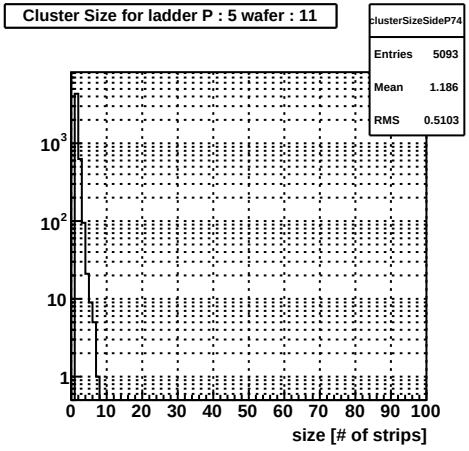

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 8301
Mean 1.084
RMS 0.3055
size [# of strips]

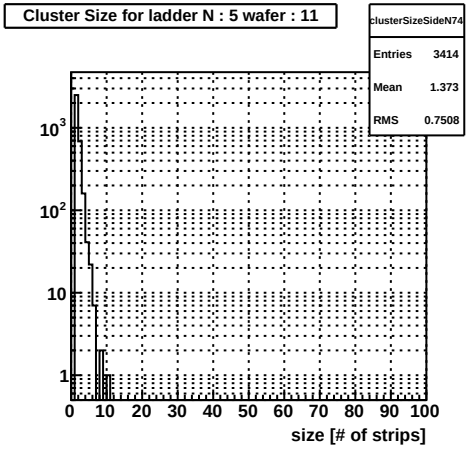

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9250
Mean 1.173
RMS 0.4845
size [# of strips]

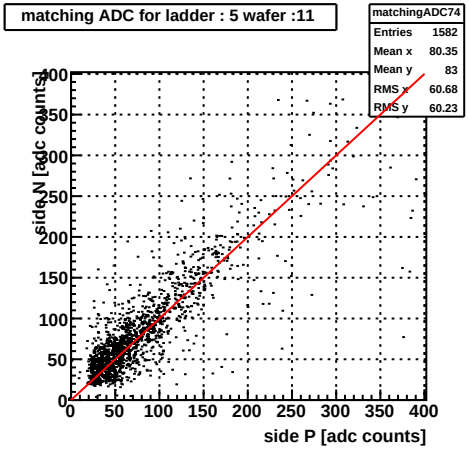

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 697
Mean x 32.34
Mean y 30.66
RMS x 32.22
RMS y 42.77
side N [adc counts]
side P [adc counts]

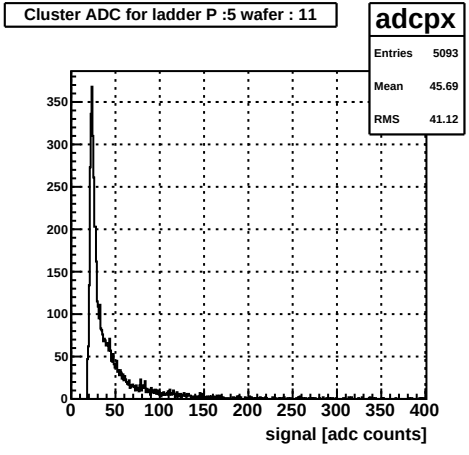

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 8301
Mean 29.35
RMS 16.46
signal [adc counts]

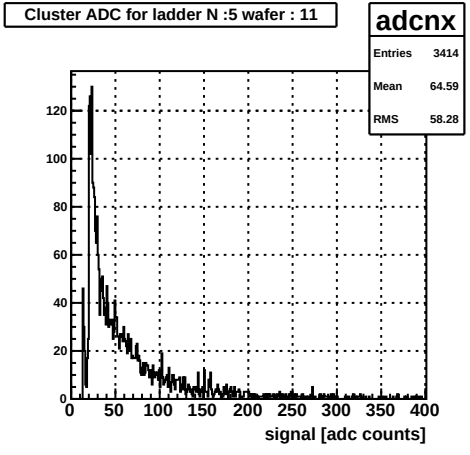

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9250
Mean 29.66
RMS 35.98
signal [adc counts]

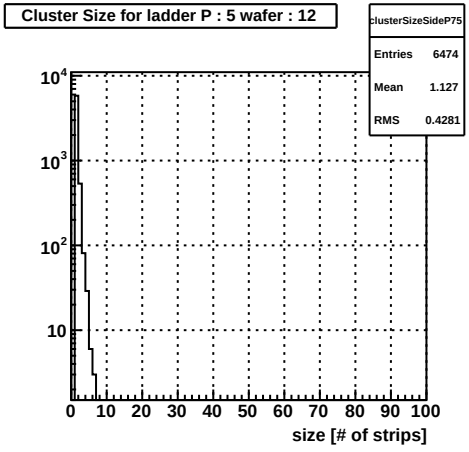

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5093
Mean 1.186
RMS 0.5103
size [# of strips]

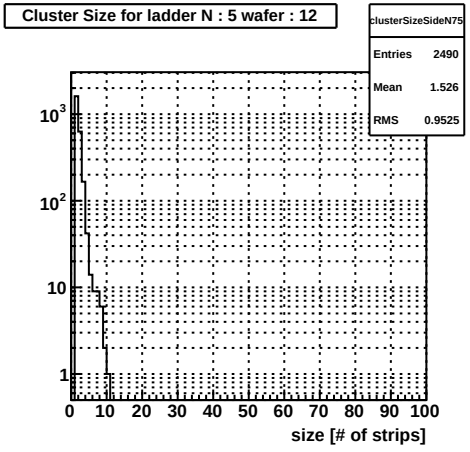

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3414
Mean 1.373
RMS 0.7508
size [# of strips]

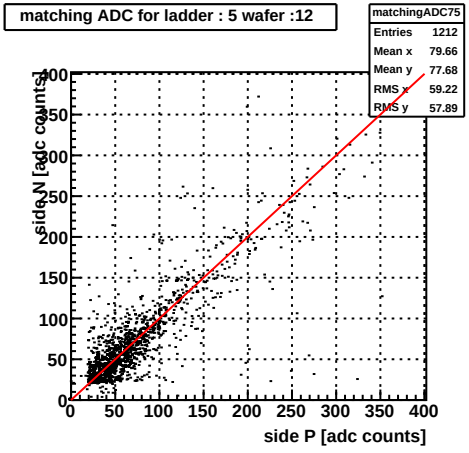

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1582
Mean x 80.35
Mean y 83
RMS x 60.68
RMS y 60.23
side N [adc counts]
side P [adc counts]

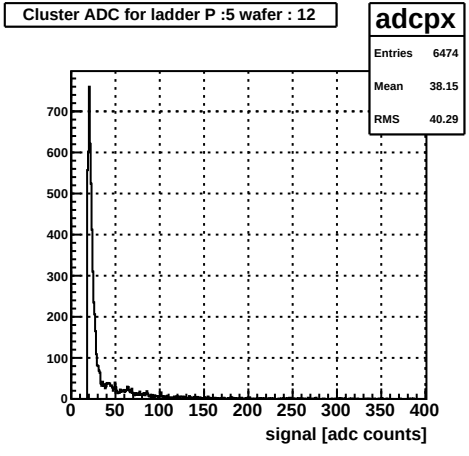

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5093
Mean 45.69
RMS 41.12
signal [adc counts]

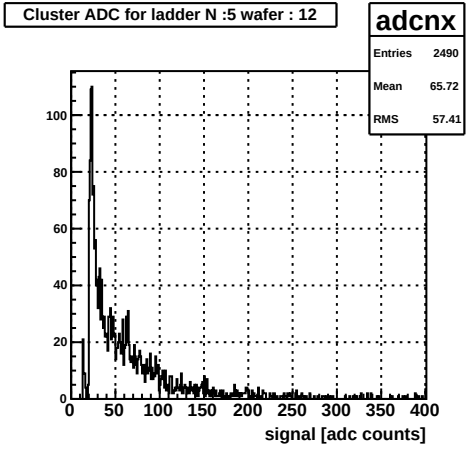

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3414
Mean 64.59
RMS 58.28
signal [adc counts]

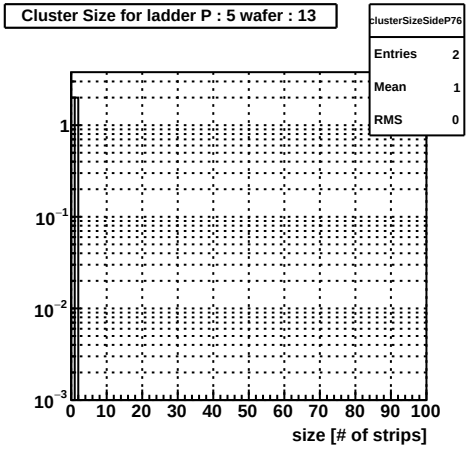

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 6474
Mean 1.127
RMS 0.4281
size [# of strips]

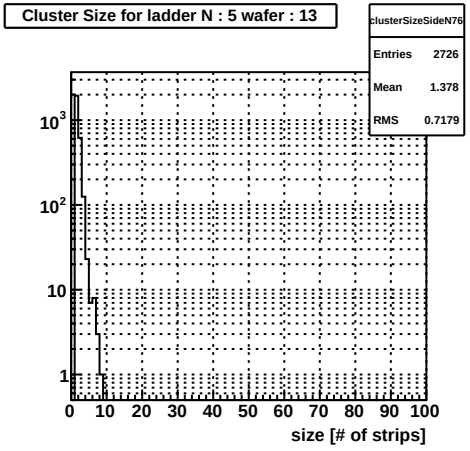

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2490
Mean 1.526
RMS 0.9525
size [# of strips]

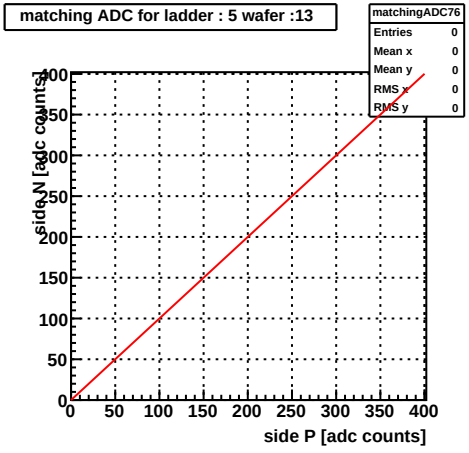

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1212
Mean x 79.66
Mean y 77.68
RMS x 59.22
RMS y 57.89
side N [adc counts]
side P [adc counts]

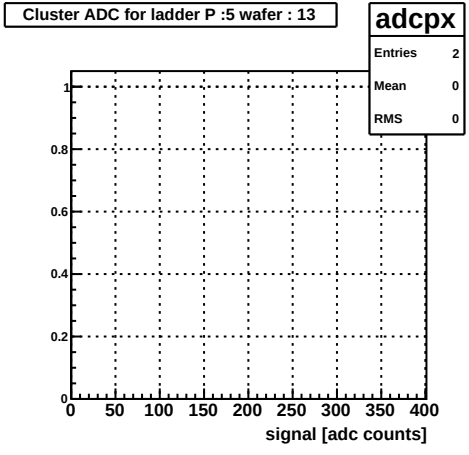

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 6474
Mean 38.15
RMS 40.29
signal [adc counts]

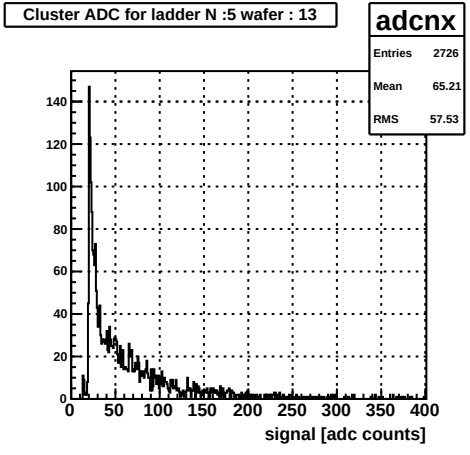

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2490
Mean 65.72
RMS 57.41
signal [adc counts]

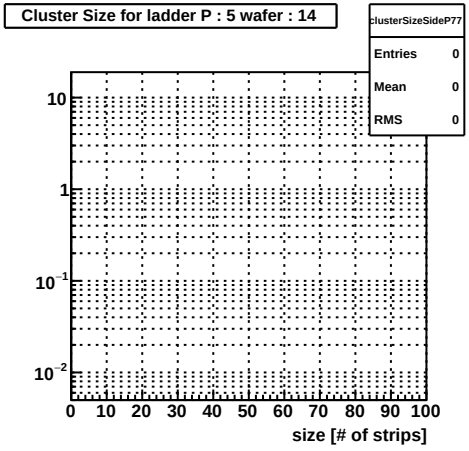

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

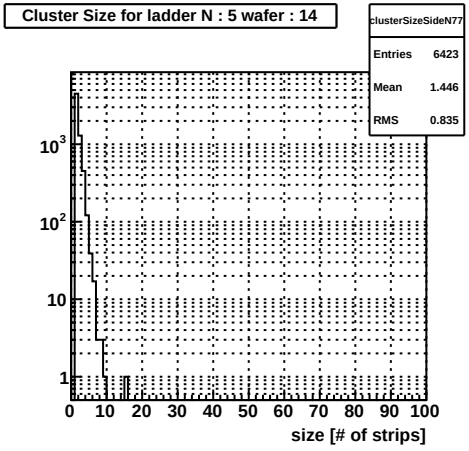

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2726
Mean 1.378
RMS 0.7179
size [# of strips]

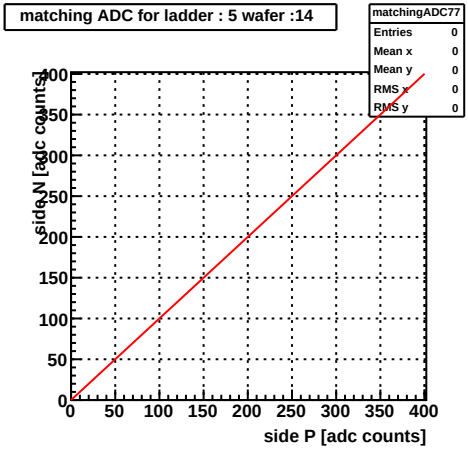

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

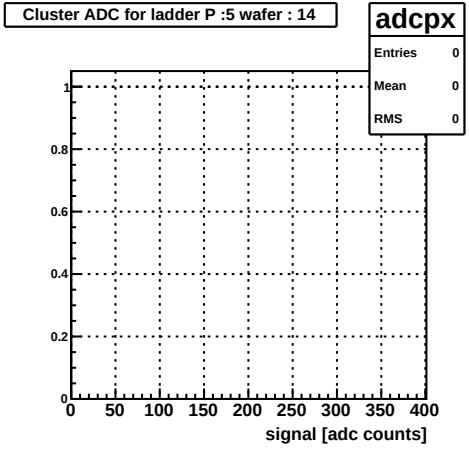

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

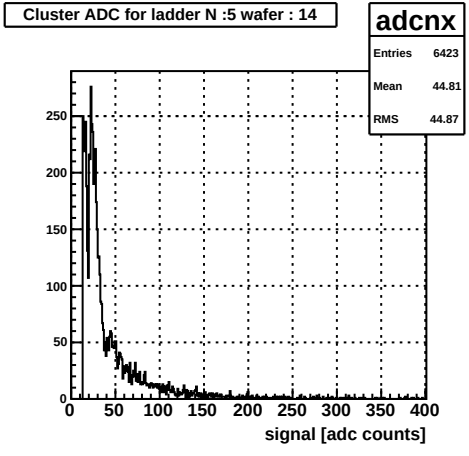

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2726
Mean 65.21
RMS 57.53
signal [adc counts]

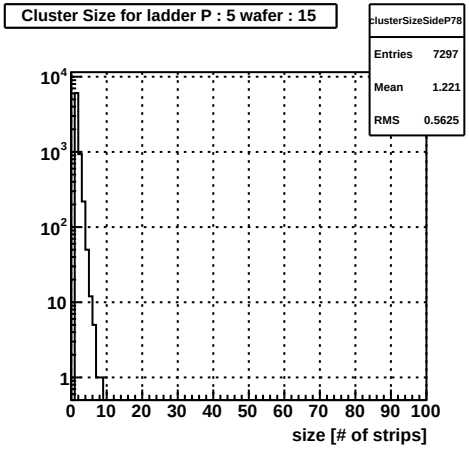

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

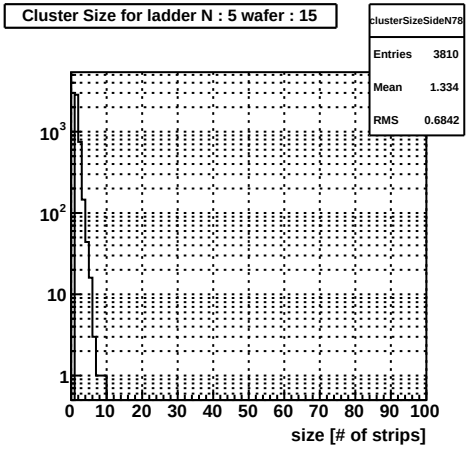

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6423
Mean 1.446
RMS 0.835
size [# of strips]

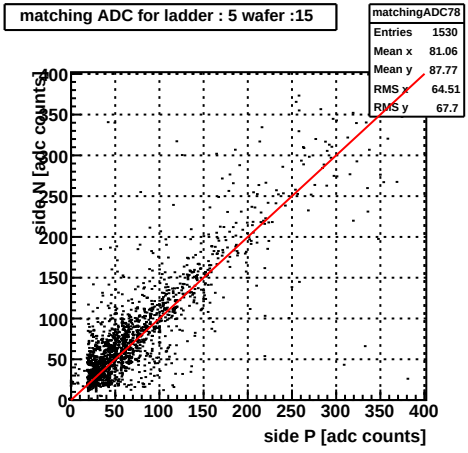

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

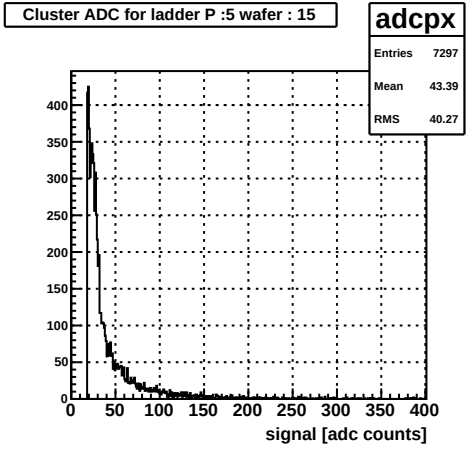

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

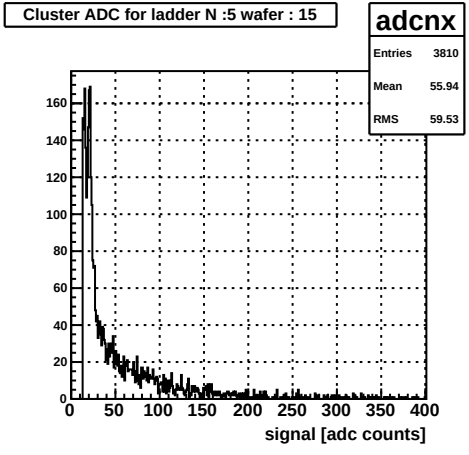

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6423
Mean 44.81
RMS 44.87
signal [adc counts]

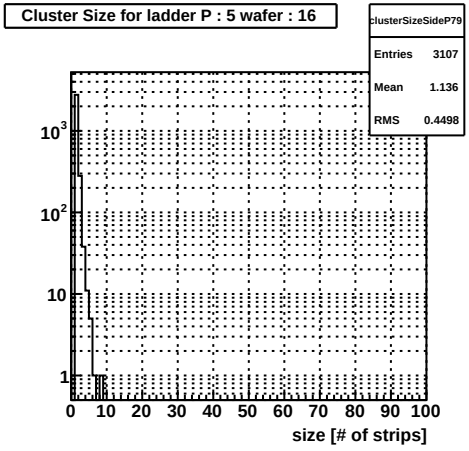

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7297
Mean 1.221
RMS 0.5625
size [# of strips]

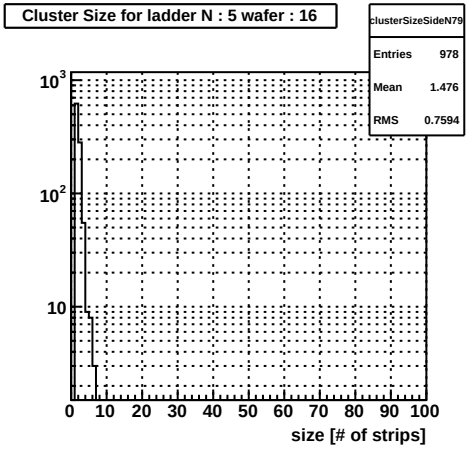

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3810
Mean 1.334
RMS 0.6842
size [# of strips]

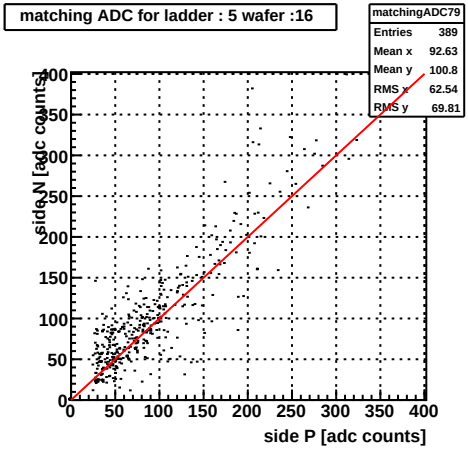

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1530
Mean x 81.06
Mean y 87.77
RMS x 64.51
RMS y 67.7
side N [adc counts]
side P [adc counts]

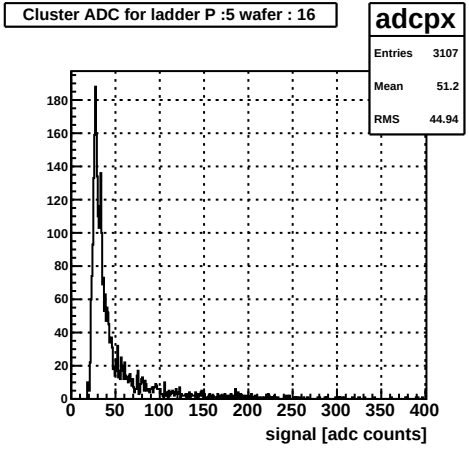

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7297
Mean 43.39
RMS 40.27
signal [adc counts]

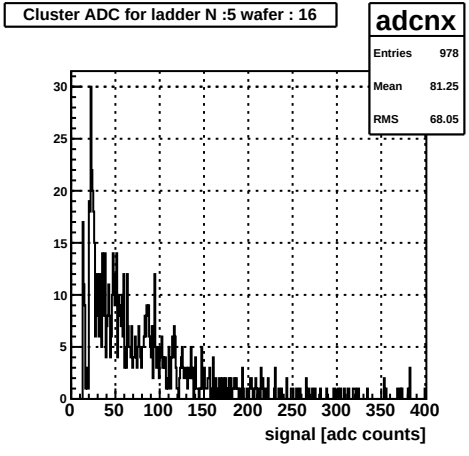

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3810
Mean 55.94
RMS 59.53
signal [adc counts]

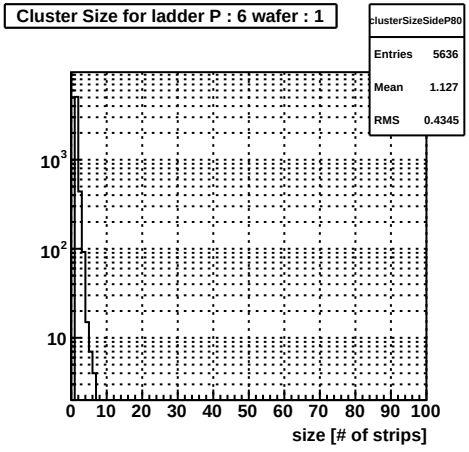

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3107
Mean 1.136
RMS 0.4498
size [# of strips]

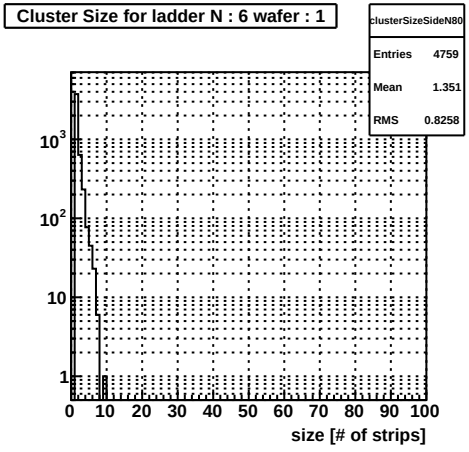

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 978
Mean 1.476
RMS 0.7594
size [# of strips]

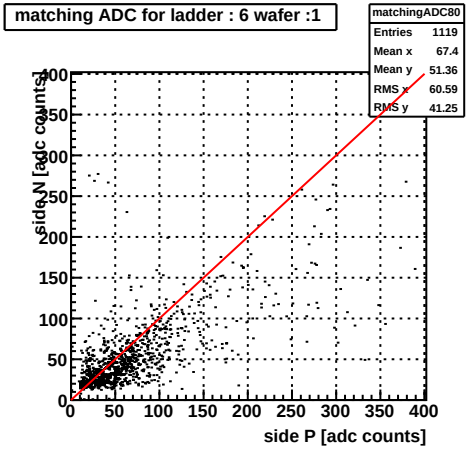

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 389
Mean x 92.63
Mean y 100.8
RMS x 62.54
RMS y 69.81
side N [adc counts]
side P [adc counts]

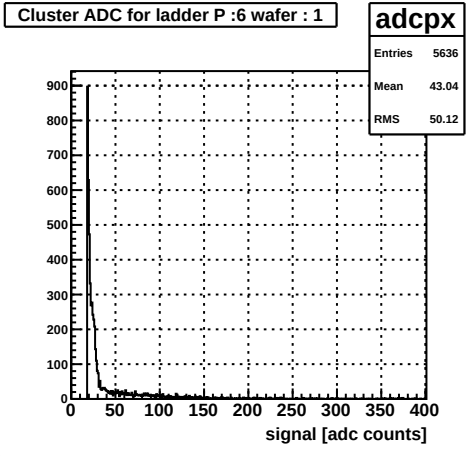

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3107
Mean 51.2
RMS 44.94
signal [adc counts]

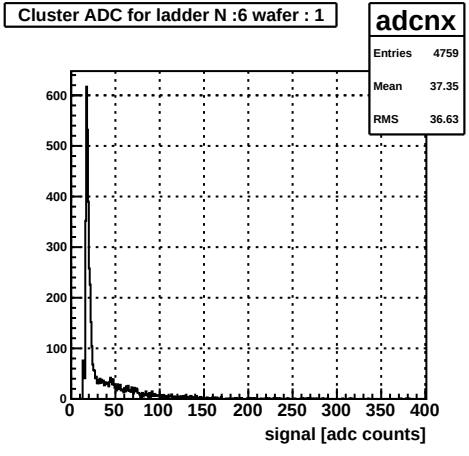

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 978
Mean 81.25
RMS 68.05
signal [adc counts]

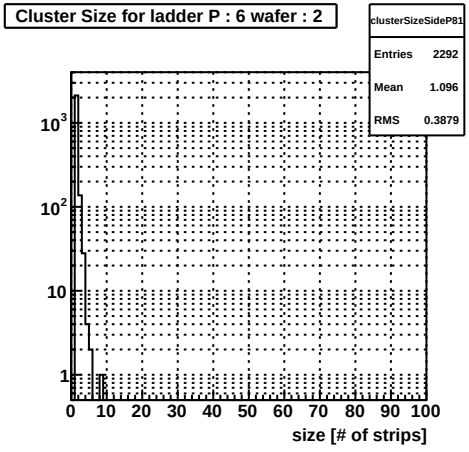

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 5636
Mean 1.127
RMS 0.4345
size [# of strips]

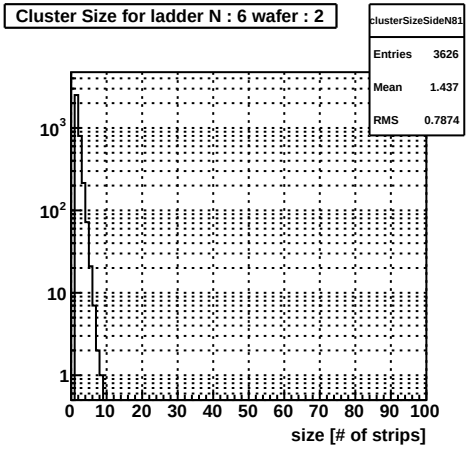

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4759
Mean 1.351
RMS 0.8258
size [# of strips]

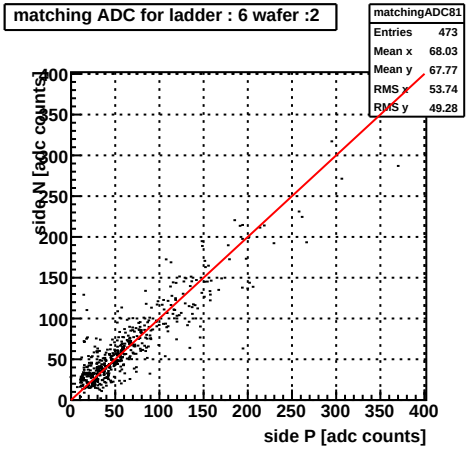

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1119
Mean x 67.4
Mean y 51.36
RMS x 60.59
RMS y 41.25
side N [adc counts]
side P [adc counts]

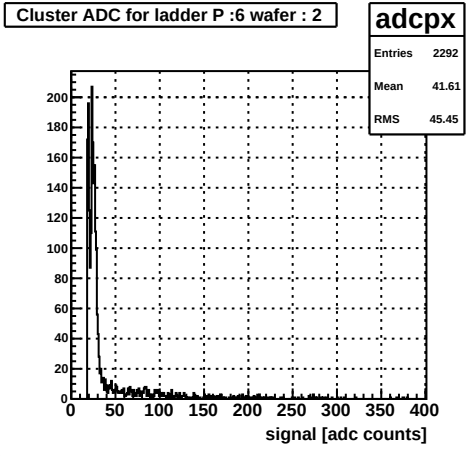

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 5636
Mean 43.04
RMS 50.12
signal [adc counts]

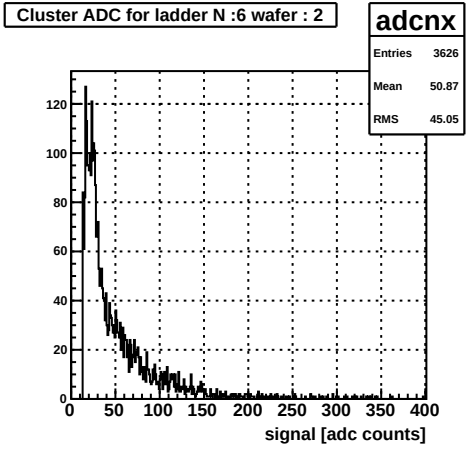

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4759
Mean 37.35
RMS 36.63
signal [adc counts]

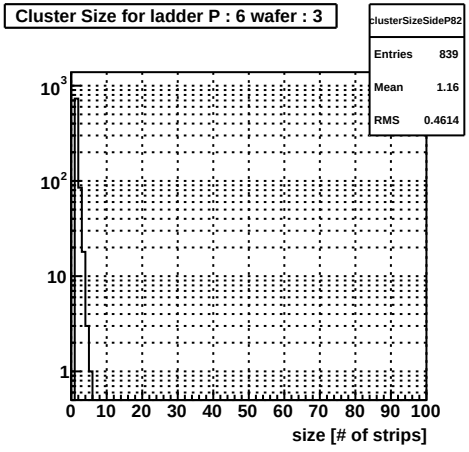

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2292
Mean 1.096
RMS 0.3879
size [# of strips]

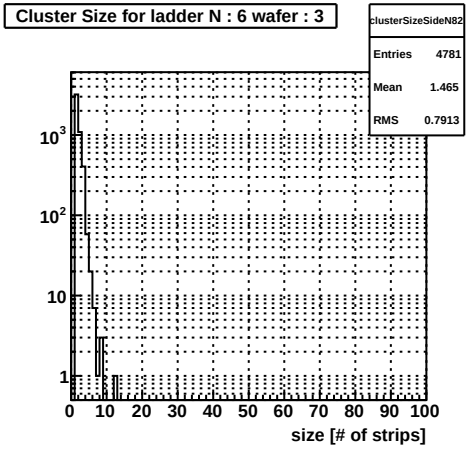

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3626
Mean 1.437
RMS 0.7874
size [# of strips]

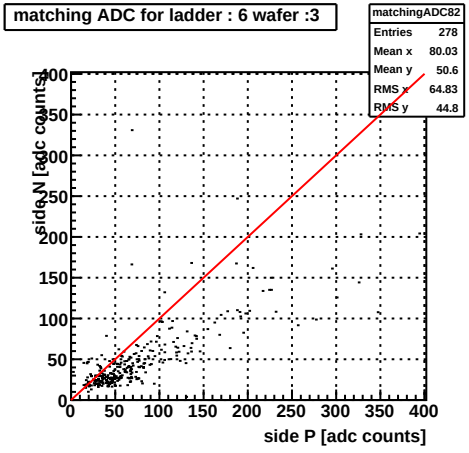

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 473
Mean x 68.03
Mean y 67.77
RMS x 53.74
RMS y 49.28
side N [adc counts]
side P [adc counts]

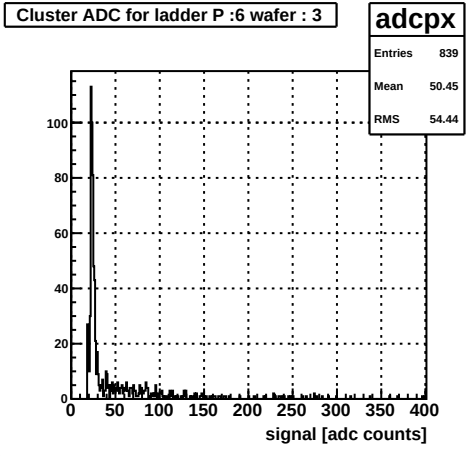

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2292
Mean 41.61
RMS 45.45
signal [adc counts]

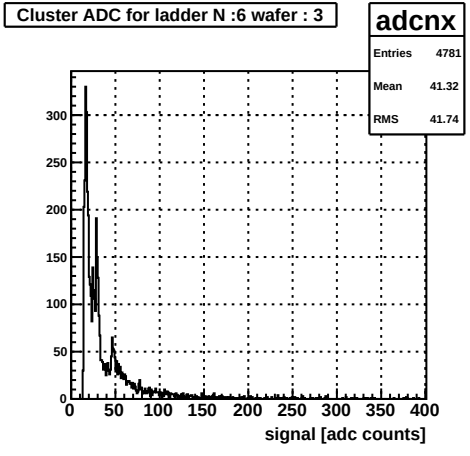

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3626
Mean 50.87
RMS 45.05
signal [adc counts]

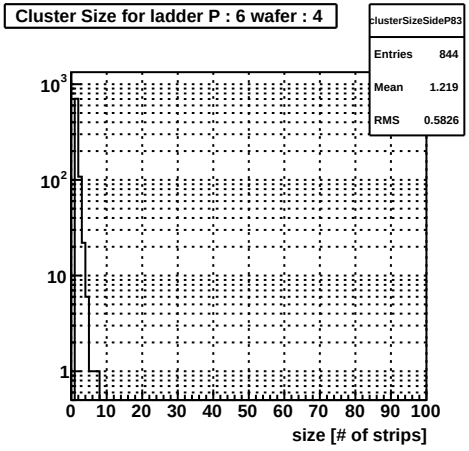

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 839
Mean 1.16
RMS 0.4614
size [# of strips]

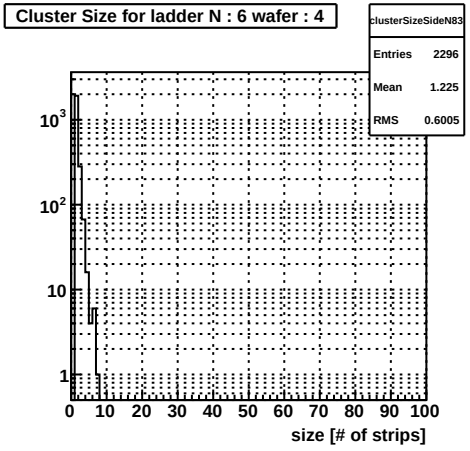

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4781
Mean 1.465
RMS 0.7913
size [# of strips]

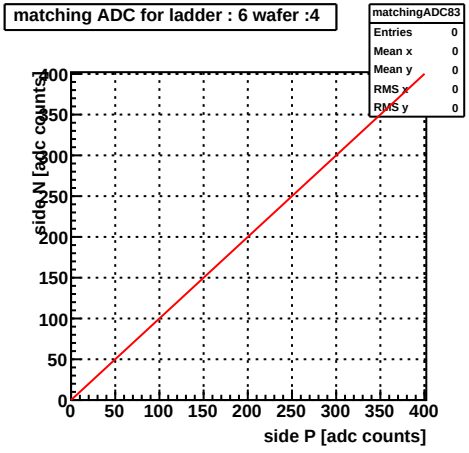

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 278
Mean x 80.03
Mean y 50.6
RMS x 64.83
RMS y 44.8
side N [adc counts]
side P [adc counts]

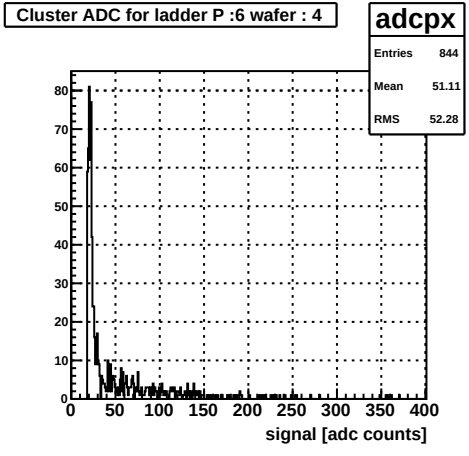

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 839
Mean 50.45
RMS 54.44
signal [adc counts]

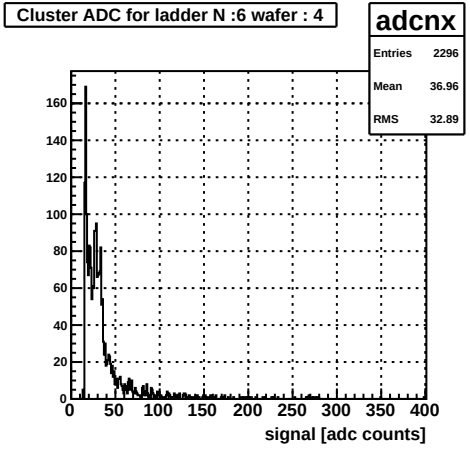

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4781
Mean 41.32
RMS 41.74
signal [adc counts]

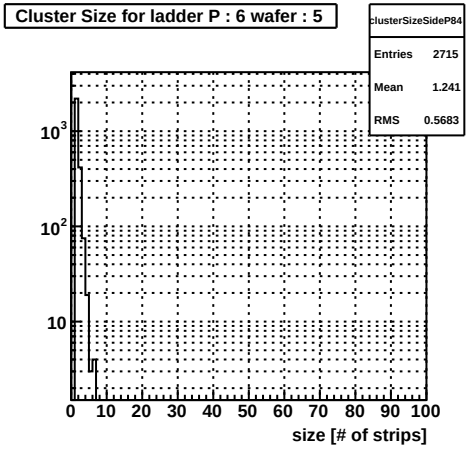

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 844
Mean 1.219
RMS 0.5826
size [# of strips]

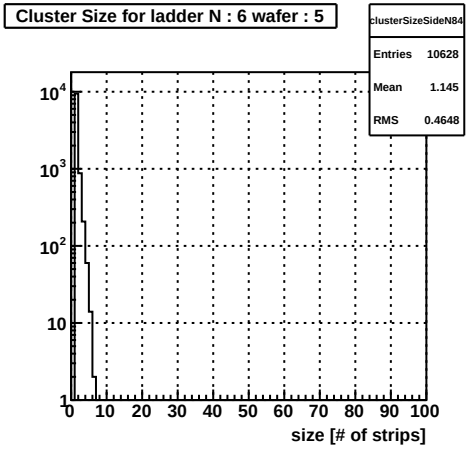

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2296
Mean 1.225
RMS 0.6005
size [# of strips]

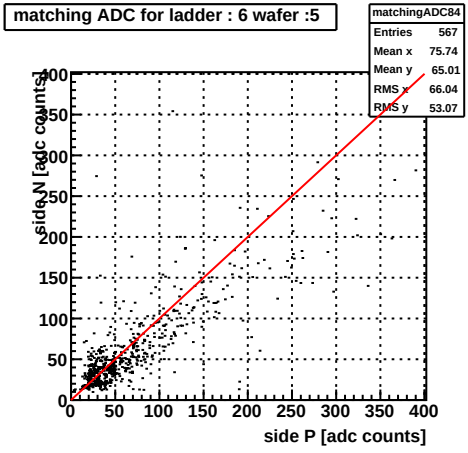

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

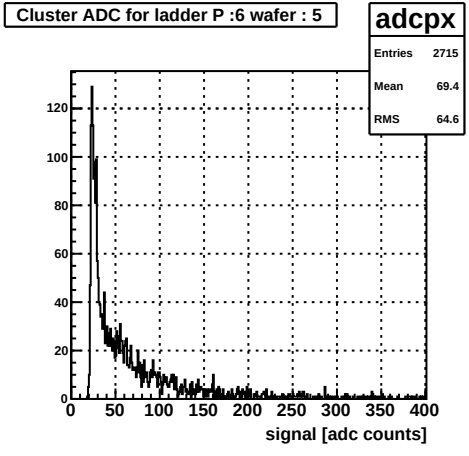

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 844
Mean 51.11
RMS 52.28
signal [adc counts]

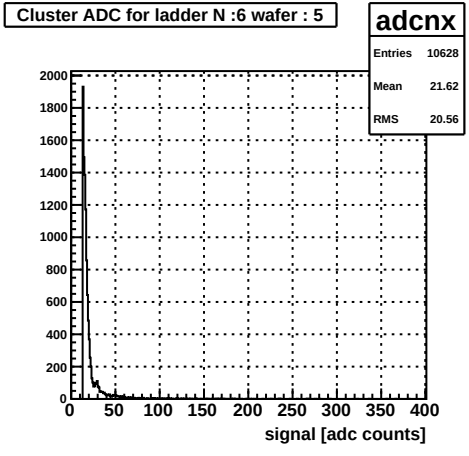

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2296
Mean 36.96
RMS 32.89
signal [adc counts]

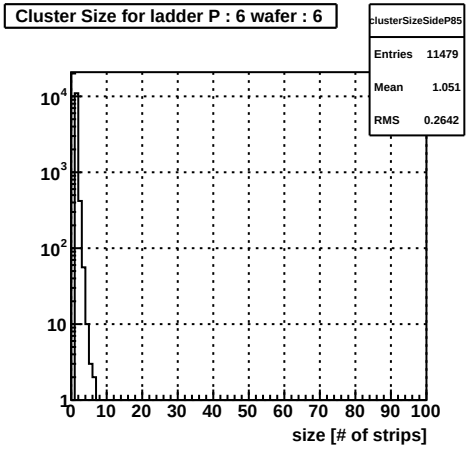

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2715
Mean 1.241
RMS 0.5683
size [# of strips]

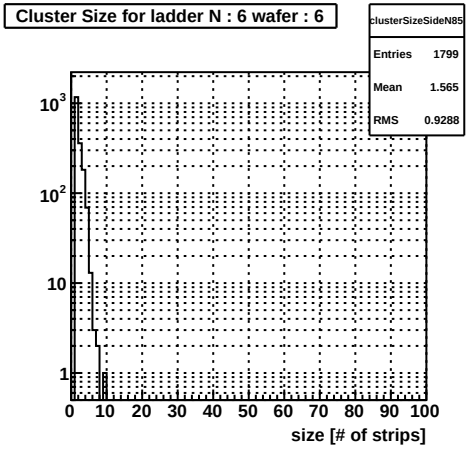

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 10628
Mean 1.145
RMS 0.4648
size [# of strips]

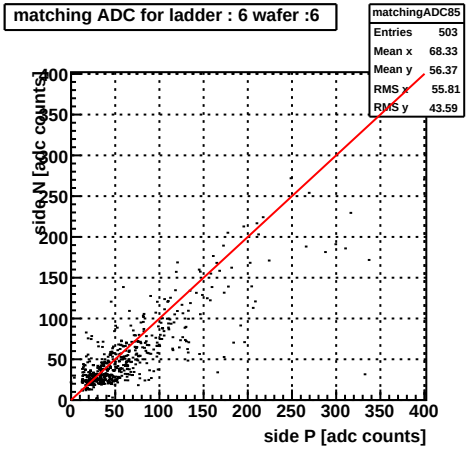

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 567
Mean x 75.74
Mean y 65.01
RMS x 66.04
RMS y 53.07
side N [adc counts]
side P [adc counts]

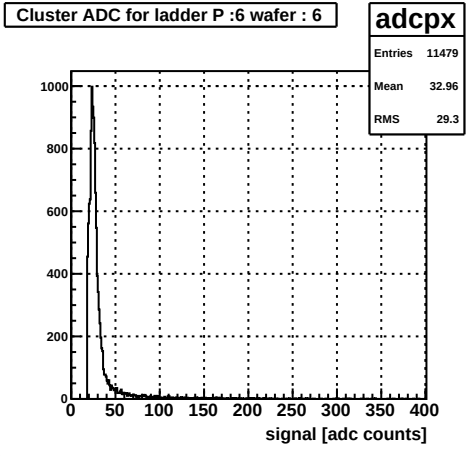

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2715
Mean 69.4
RMS 64.6
signal [adc counts]

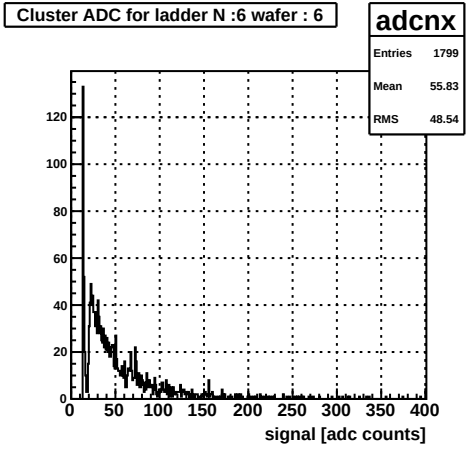

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 10628
Mean 21.62
RMS 20.56
signal [adc counts]

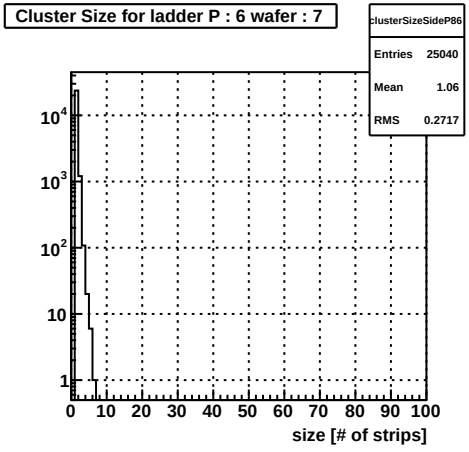

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 11479
Mean 1.051
RMS 0.2642
size [# of strips]

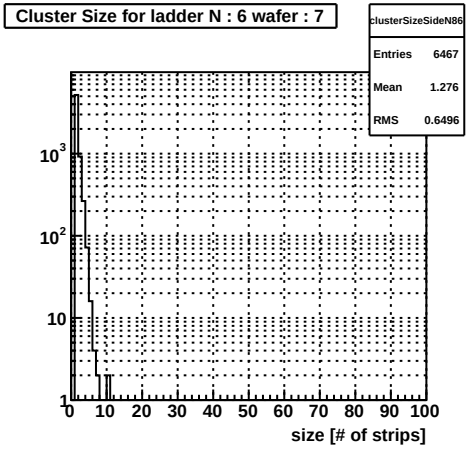

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1799
Mean 1.565
RMS 0.9288
size [# of strips]

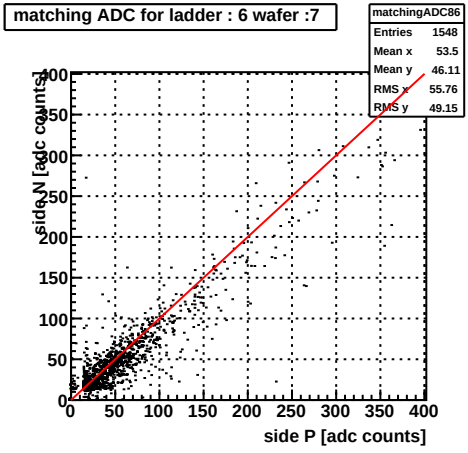

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 503
Mean x 68.33
Mean y 56.37
RMS x 55.81
RMS y 43.59
side N [adc counts]
side P [adc counts]

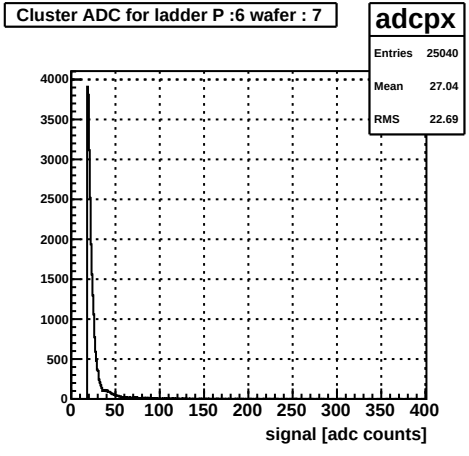

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 11479
Mean 32.96
RMS 29.3
signal [adc counts]

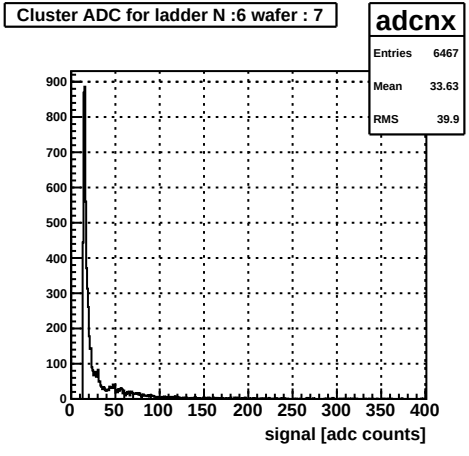

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1799
Mean 55.83
RMS 48.54
signal [adc counts]

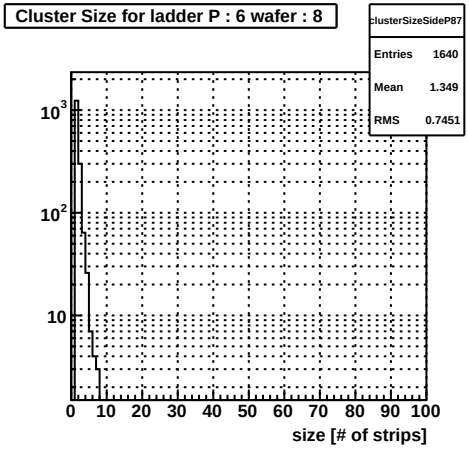

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25040
Mean 1.06
RMS 0.2717
size [# of strips]

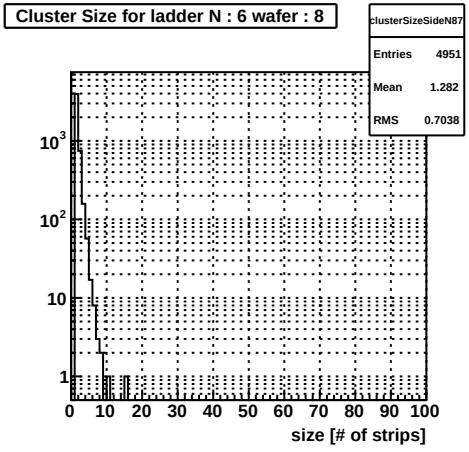

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6467
Mean 1.276
RMS 0.6496
size [# of strips]

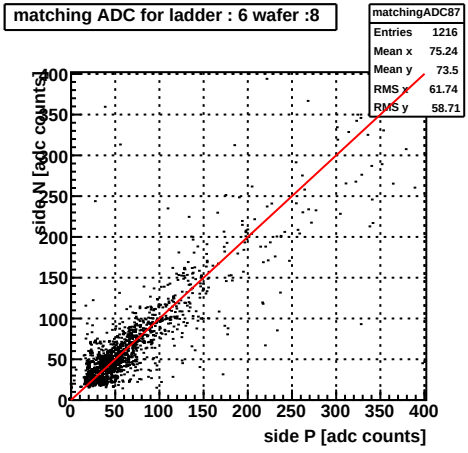

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1548
Mean x 53.5
Mean y 46.11
RMS x 55.76
RMS y 49.15
side N [adc counts]
side P [adc counts]

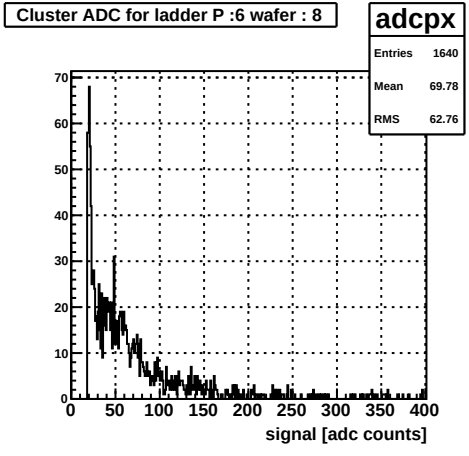

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25040
Mean 27.04
RMS 22.69
signal [adc counts]

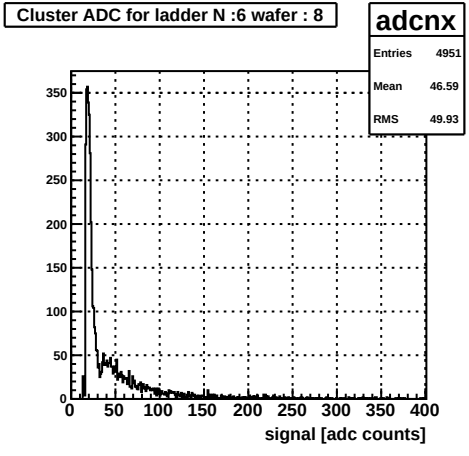

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6467
Mean 33.63
RMS 39.9
signal [adc counts]

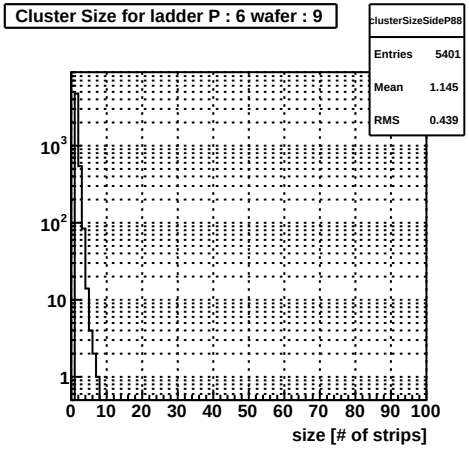

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1640
Mean 1.349
RMS 0.7451
size [# of strips]

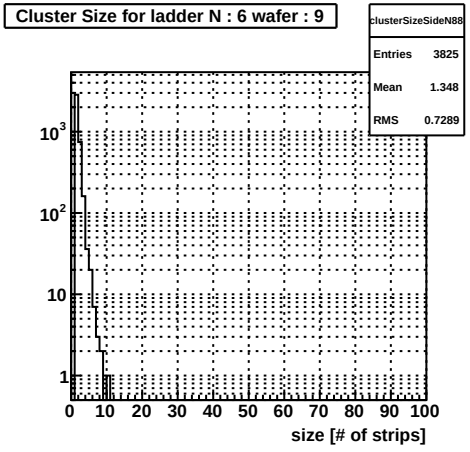

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4951
Mean 1.282
RMS 0.7038
size [# of strips]

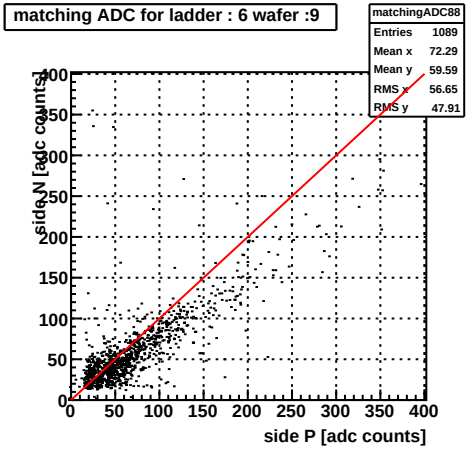

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1216
Mean x 75.24
Mean y 73.5
RMS x 61.74
RMS y 58.71
side N [adc counts]
side P [adc counts]

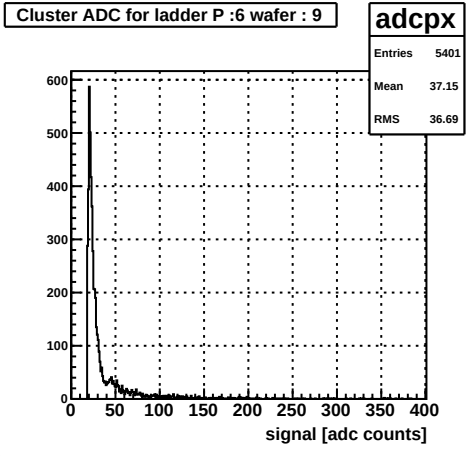

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1640
Mean 69.78
RMS 62.76
signal [adc counts]

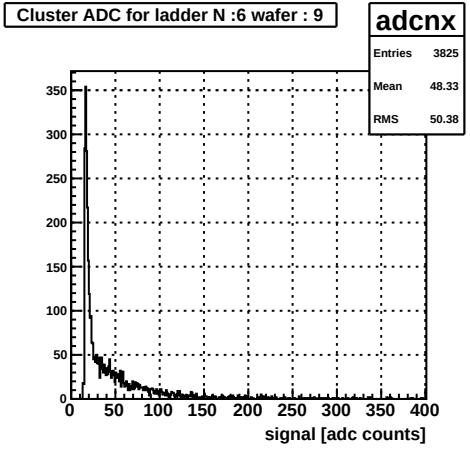

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4951
Mean 46.59
RMS 49.93
signal [adc counts]

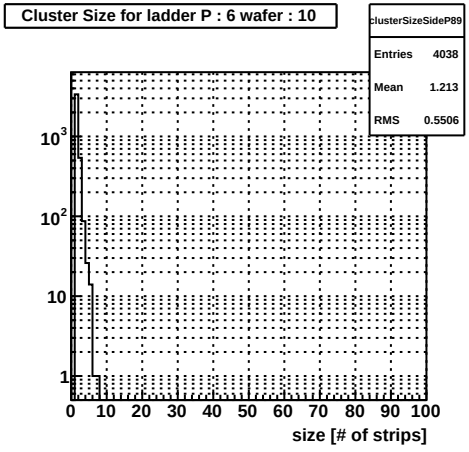

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5401
Mean 1.145
RMS 0.439
size [# of strips]

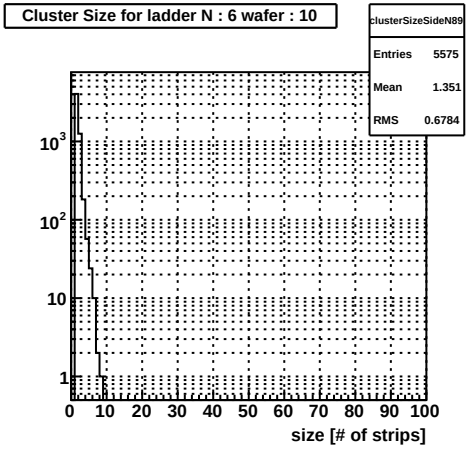

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3825
Mean 1.348
RMS 0.7289
size [# of strips]

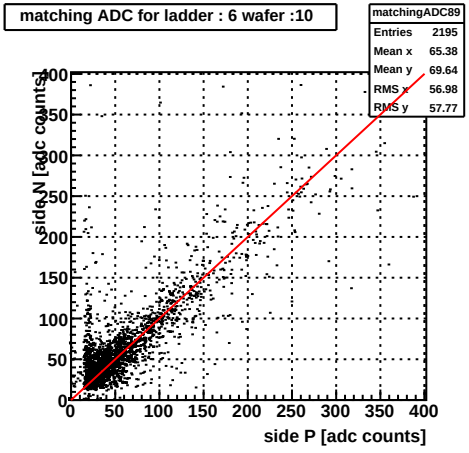

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1089
Mean x 72.29
Mean y 59.59
RMS x 56.65
RMS y 47.91
side N [adc counts]
side P [adc counts]

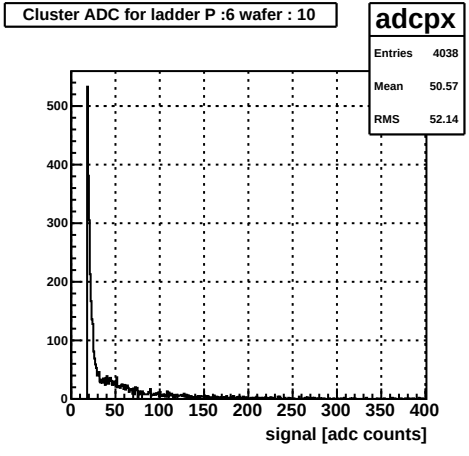

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5401
Mean 37.15
RMS 36.69
signal [adc counts]

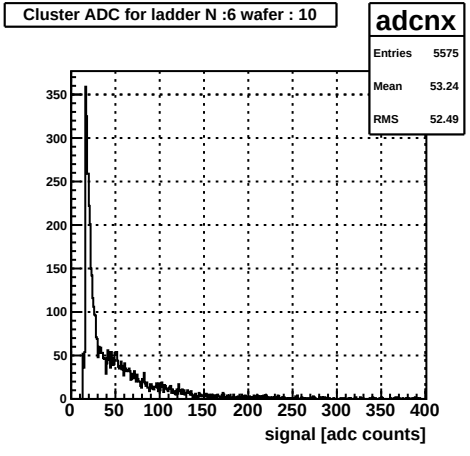

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3825
Mean 48.33
RMS 50.38
signal [adc counts]

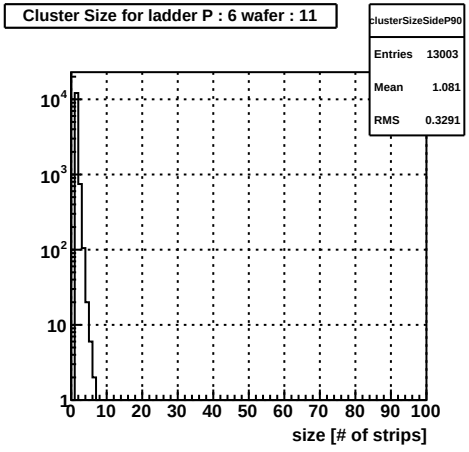

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4038
Mean 1.213
RMS 0.5506
size [# of strips]

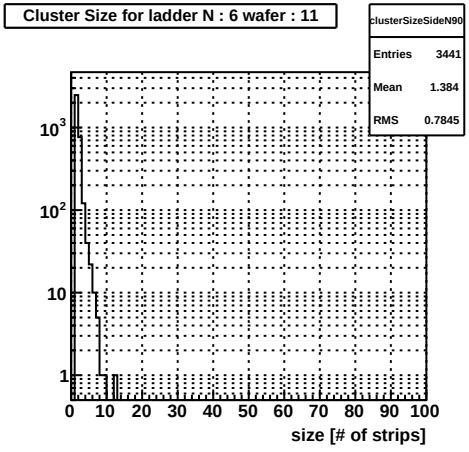

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5575
Mean 1.351
RMS 0.6784
size [# of strips]

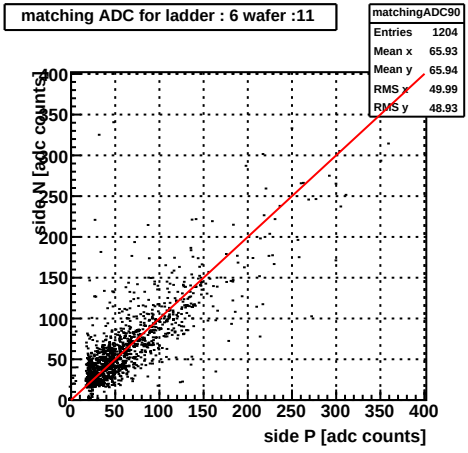

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2195
Mean x 65.38
Mean y 69.64
RMS x 56.98
RMS y 57.77
side N [adc counts]
side P [adc counts]

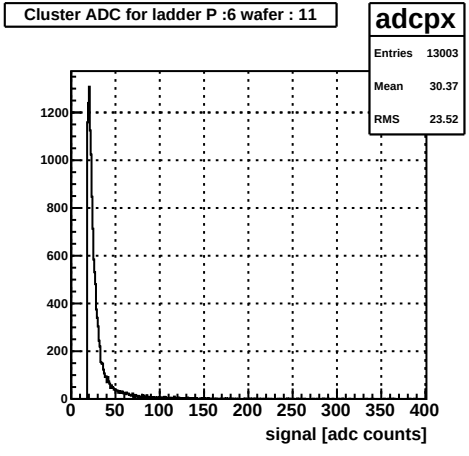

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4038
Mean 50.57
RMS 52.14
signal [adc counts]

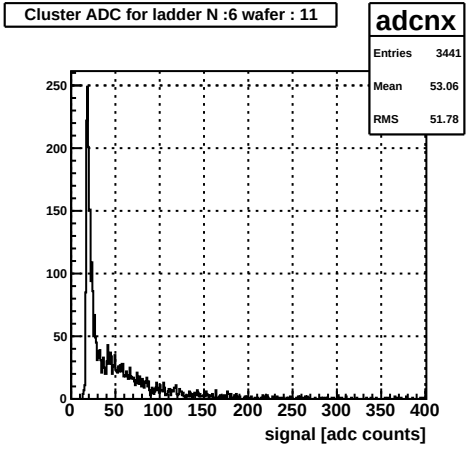

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5575
Mean 53.24
RMS 52.49
signal [adc counts]

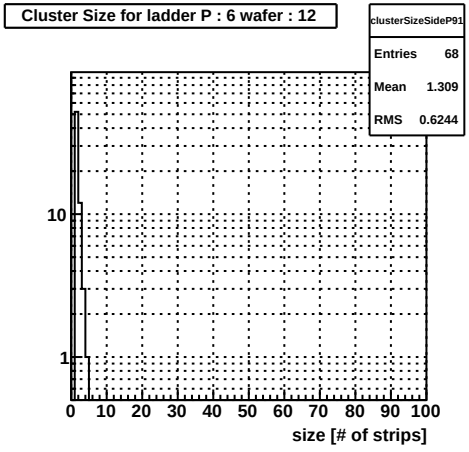

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13003
Mean 1.081
RMS 0.3291
size [# of strips]

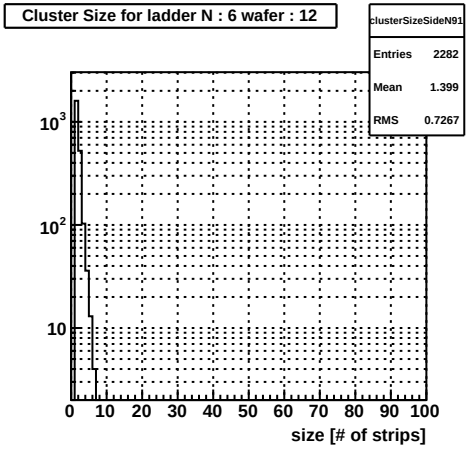

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3441
Mean 1.384
RMS 0.7845
size [# of strips]

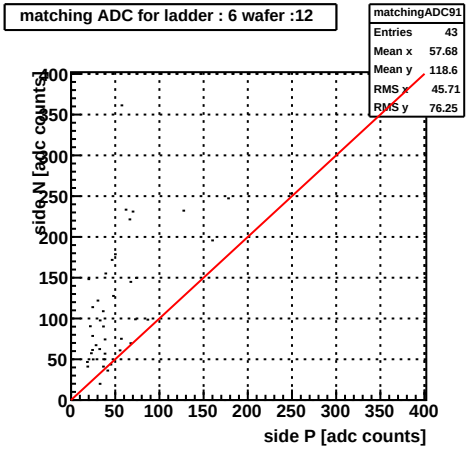

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1204
Mean x 65.93
Mean y 65.94
RMS x 49.99
RMS y 48.93
side N [adc counts]
side P [adc counts]

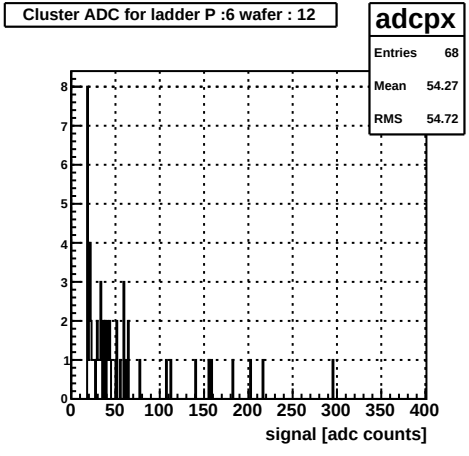

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13003
Mean 30.37
RMS 23.52
signal [adc counts]

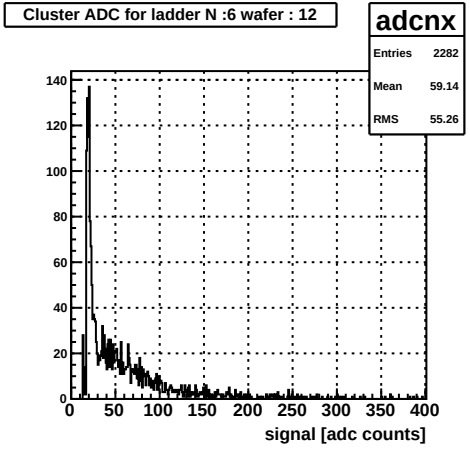

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3441
Mean 53.06
RMS 51.78
signal [adc counts]

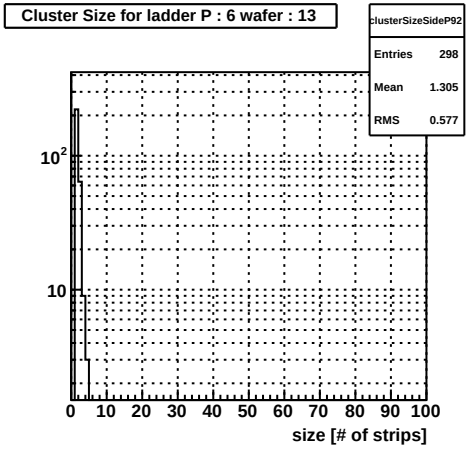

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 68
Mean 1.309
RMS 0.6244
size [# of strips]

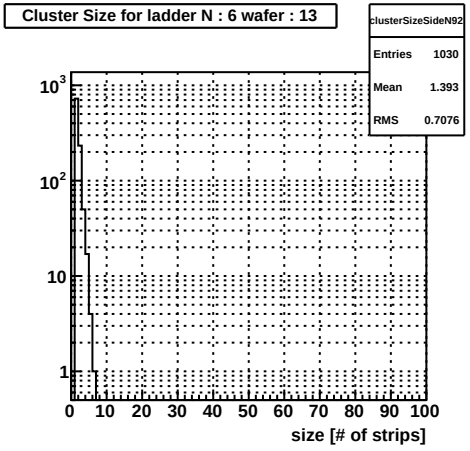

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2282
Mean 1.399
RMS 0.7267
size [# of strips]

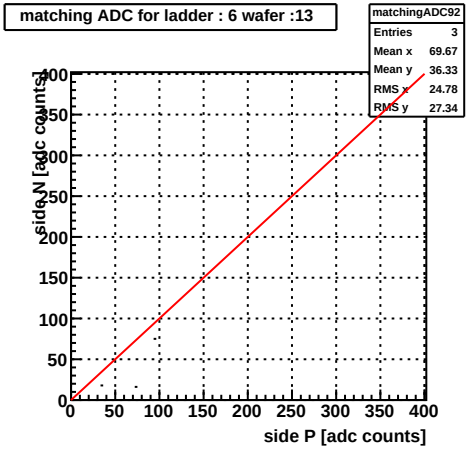

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 43
Mean x 57.68
Mean y 118.6
RMS x 45.71
RMS y 76.25
side N [adc counts]
side P [adc counts]

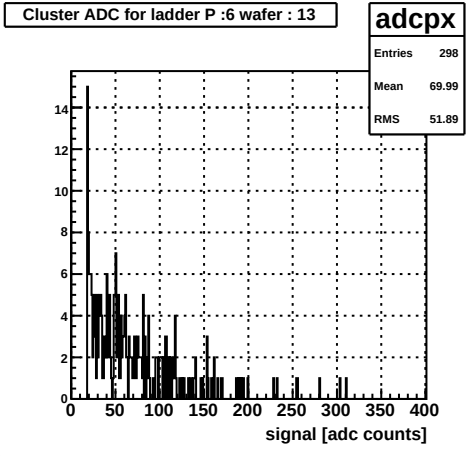

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 68
Mean 54.27
RMS 54.72
signal [adc counts]

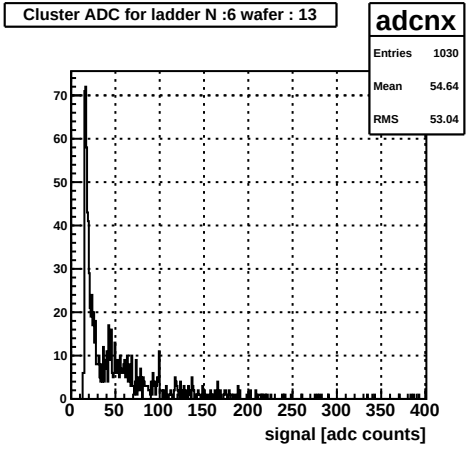

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2282
Mean 59.14
RMS 55.26
signal [adc counts]

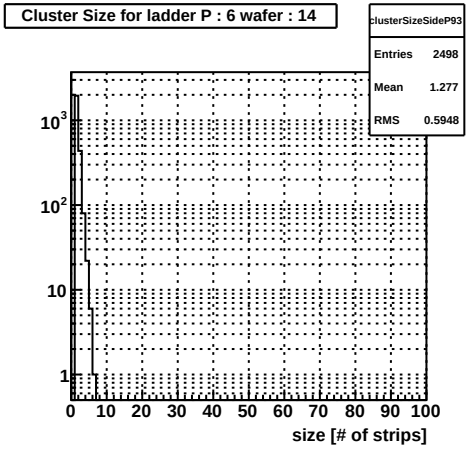

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 298
Mean 1.305
RMS 0.577
size [# of strips]

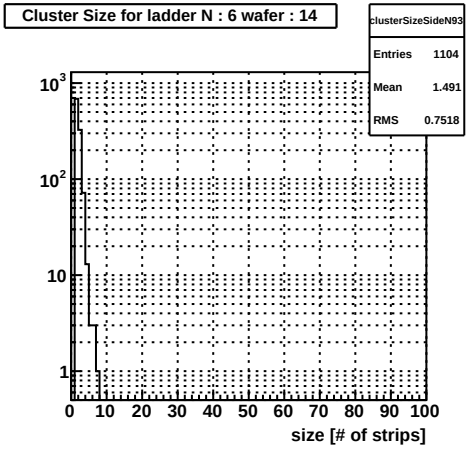

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1030
Mean 1.393
RMS 0.7076
size [# of strips]

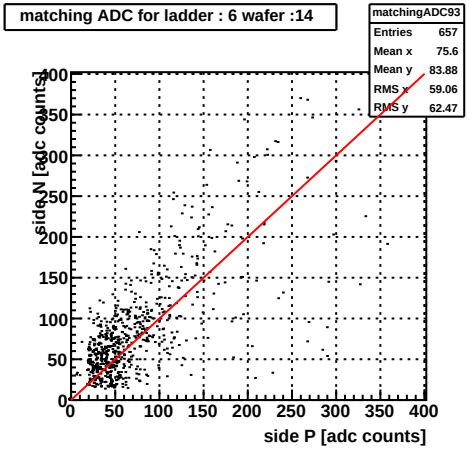

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 3
Mean x 69.67
Mean y 36.33
RMS x 24.78
RMS y 27.34
side N [adc counts]
side P [adc counts]

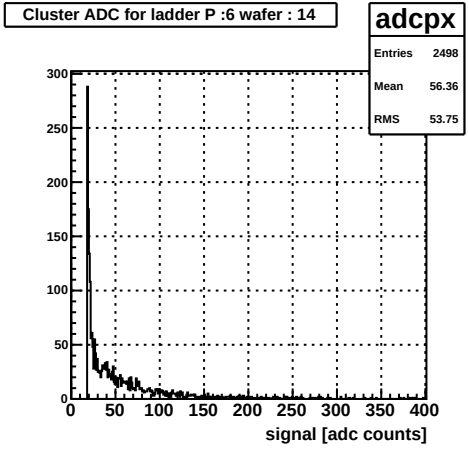

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 298
Mean 69.99
RMS 51.89
signal [adc counts]

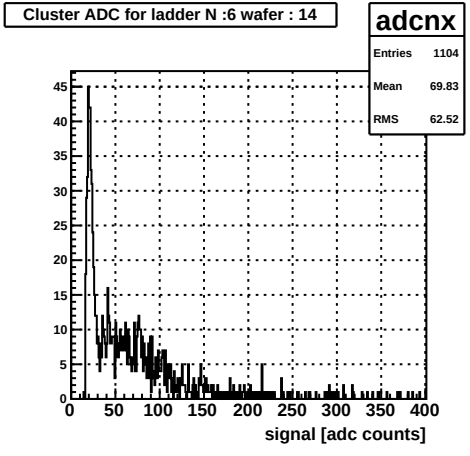

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1030
Mean 54.64
RMS 53.04
signal [adc counts]

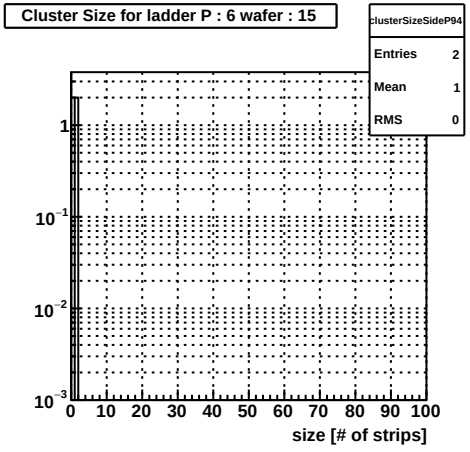

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2498
Mean 1.277
RMS 0.5948
size [# of strips]

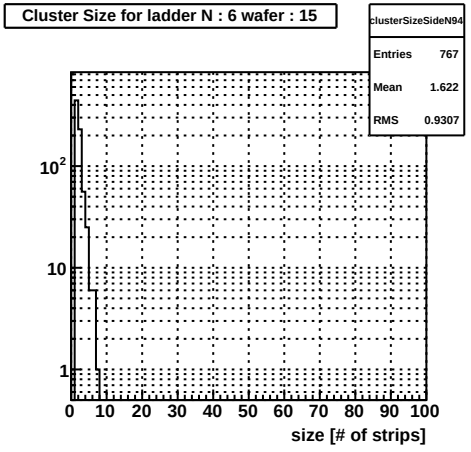

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1104
Mean 1.491
RMS 0.7518
size [# of strips]

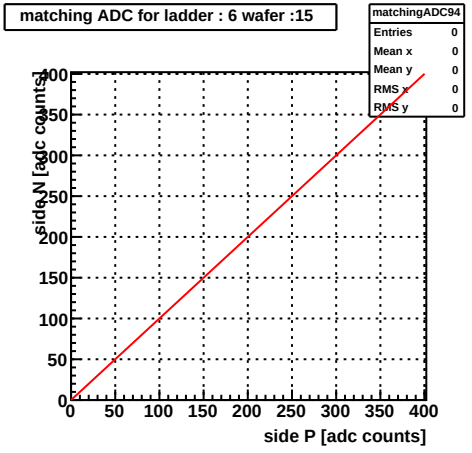

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 657
Mean x 75.6
Mean y 83.88
RMS x 59.06
RMS y 62.47
side N [adc counts]
side P [adc counts]

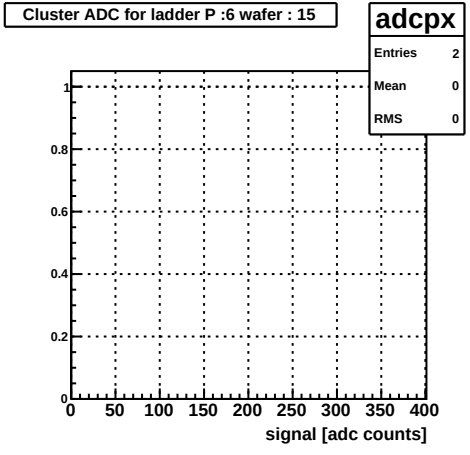

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2498
Mean 56.36
RMS 53.75
signal [adc counts]

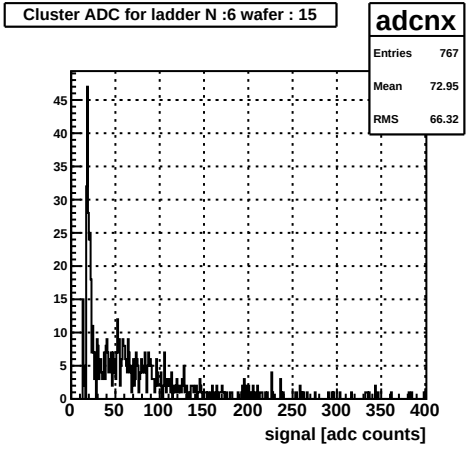

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1104
Mean 69.83
RMS 62.52
signal [adc counts]

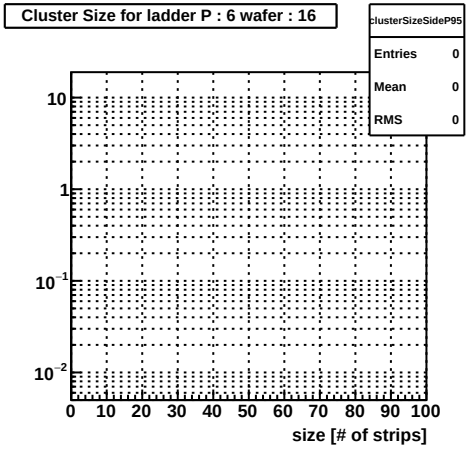

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

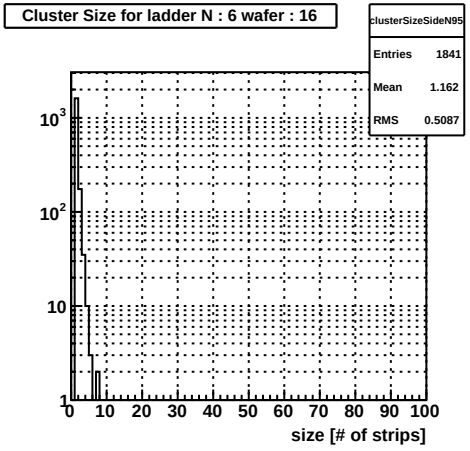

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 767
Mean 1.622
RMS 0.9307
size [# of strips]

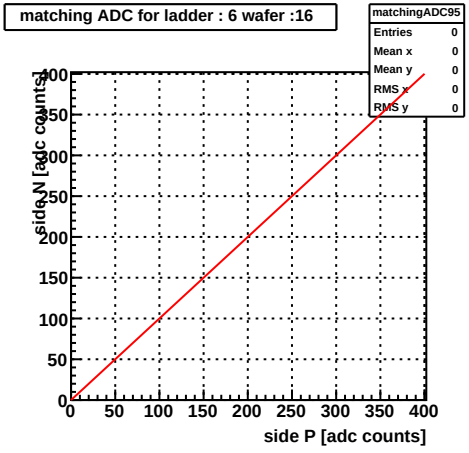

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

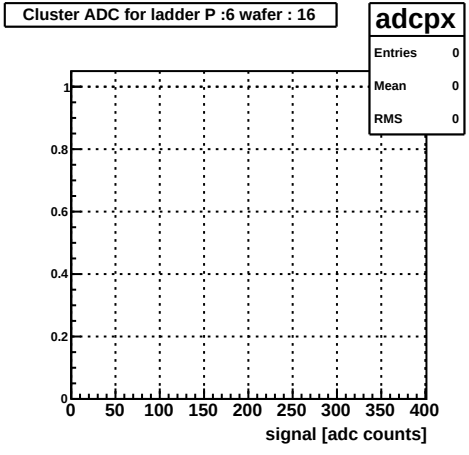

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

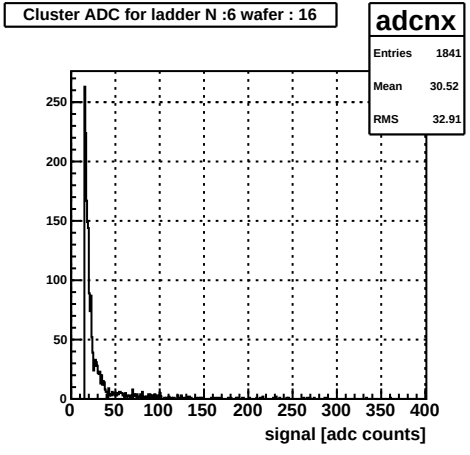

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 767
Mean 72.95
RMS 66.32
signal [adc counts]

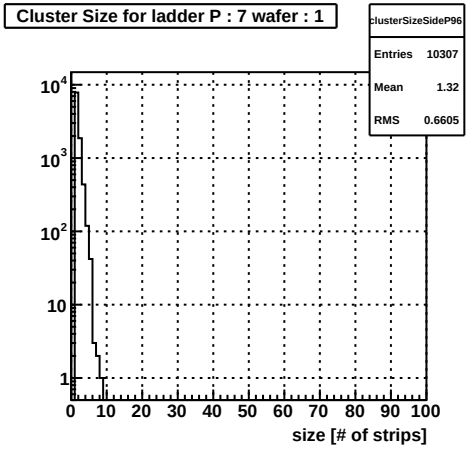

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

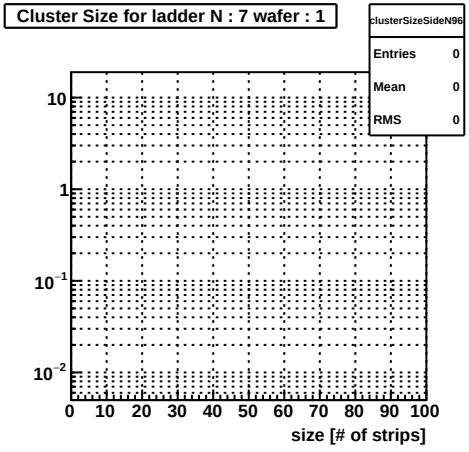

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1841
Mean 1.162
RMS 0.5087
size [# of strips]

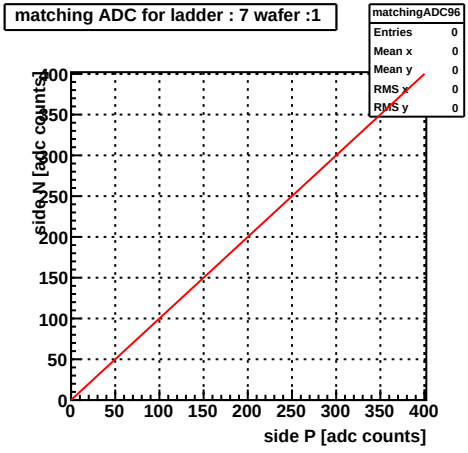

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

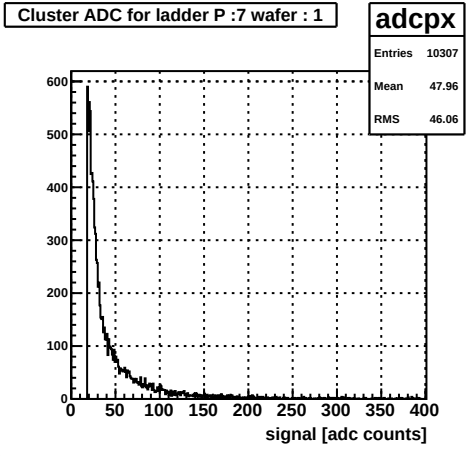

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

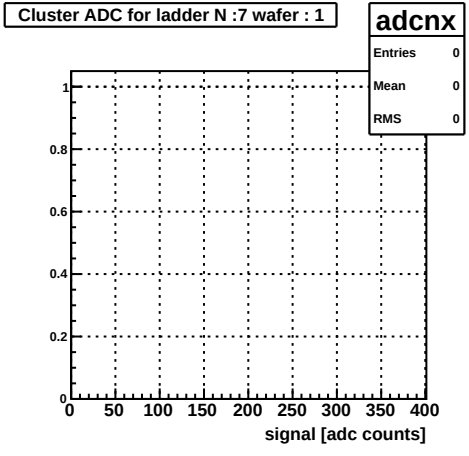

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1841
Mean 30.52
RMS 32.91
signal [adc counts]

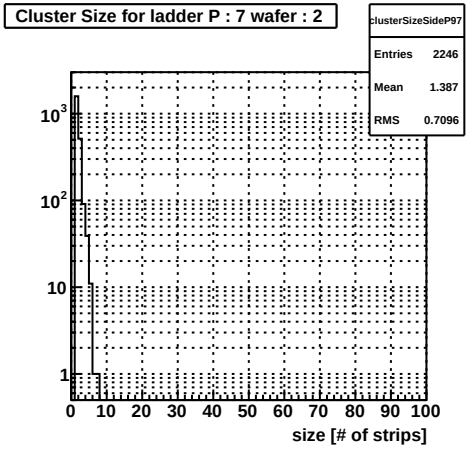

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 10307
Mean 1.32
RMS 0.6605
size [# of strips]

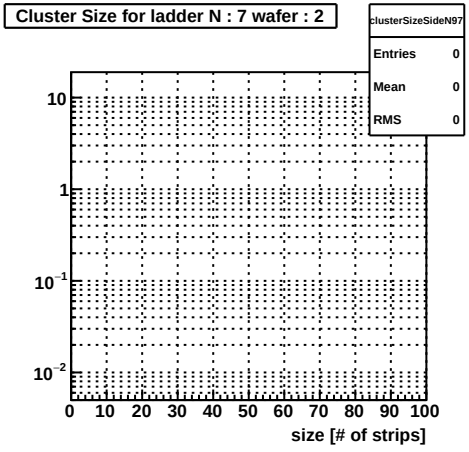

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

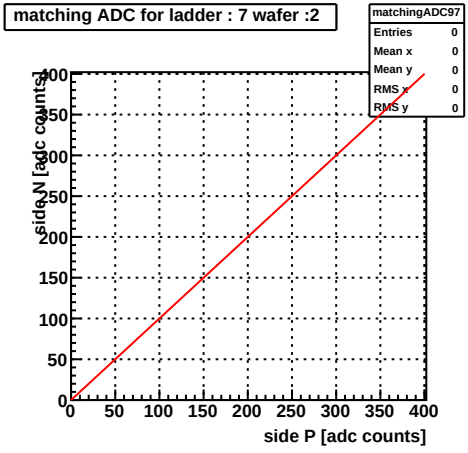

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

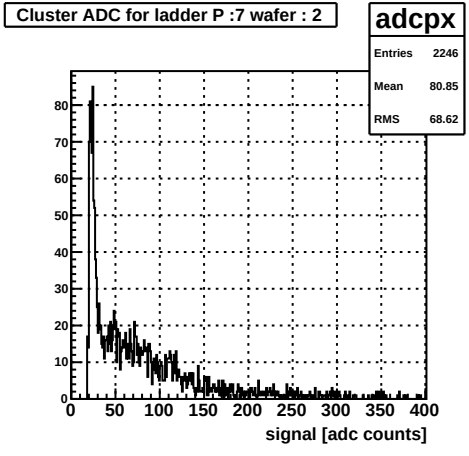

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 10307
Mean 47.96
RMS 46.06
signal [adc counts]

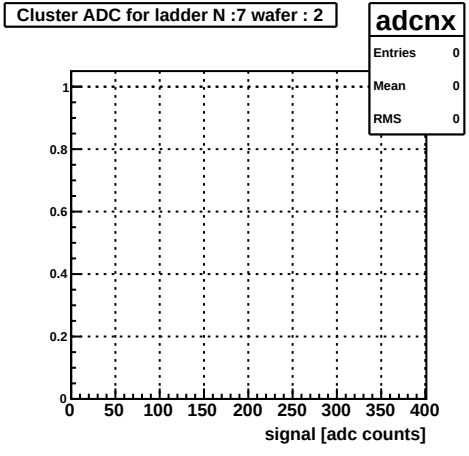

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

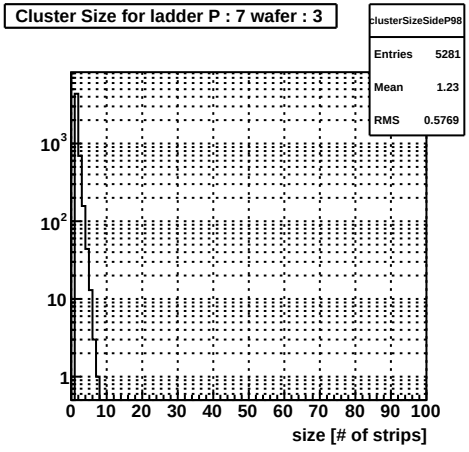

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2246
Mean 1.387
RMS 0.7096
size [# of strips]

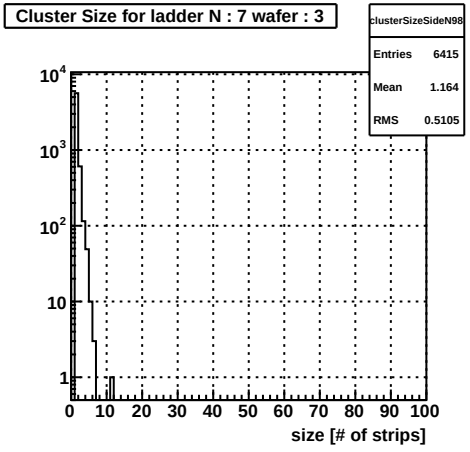

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

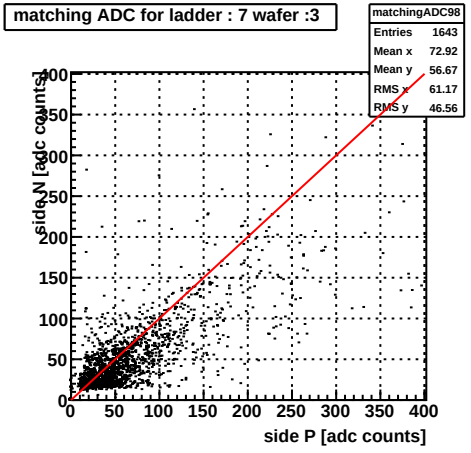

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

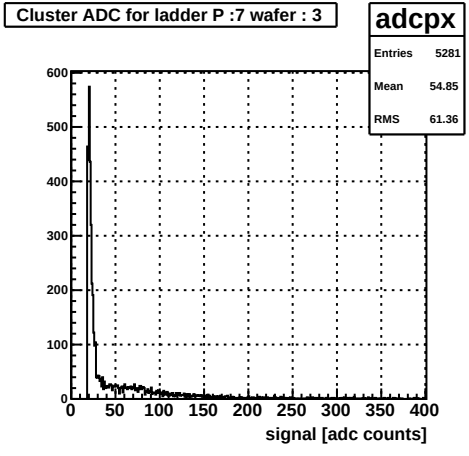

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2246
Mean 80.85
RMS 68.62
signal [adc counts]

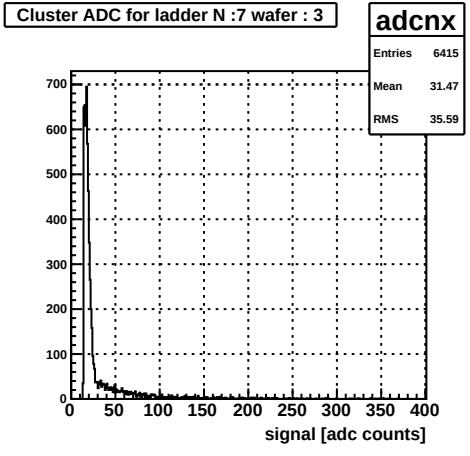

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

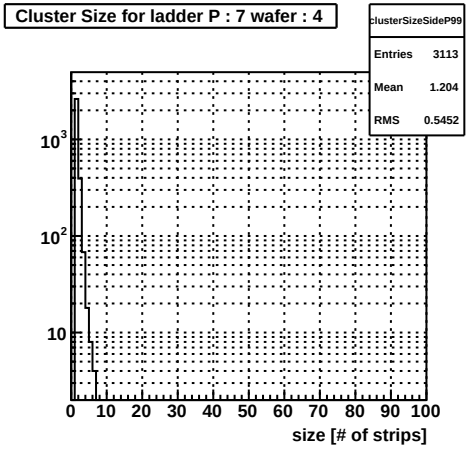

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5281
Mean 1.23
RMS 0.5769
size [# of strips]

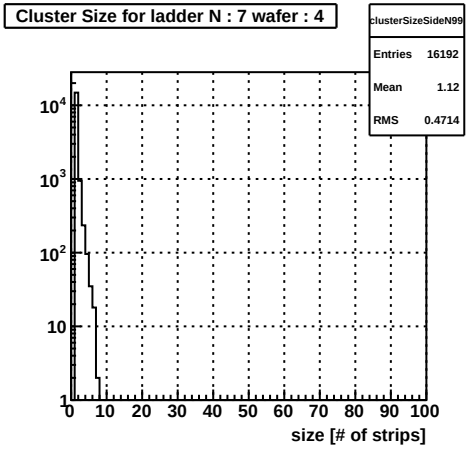

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 6415
Mean 1.164
RMS 0.5105
size [# of strips]

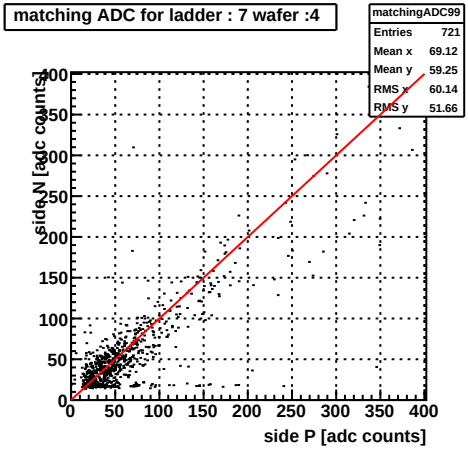

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1643
Mean x 72.92
Mean y 56.67
RMS x 61.17
RMS y 46.56
side N [adc counts]
side P [adc counts]

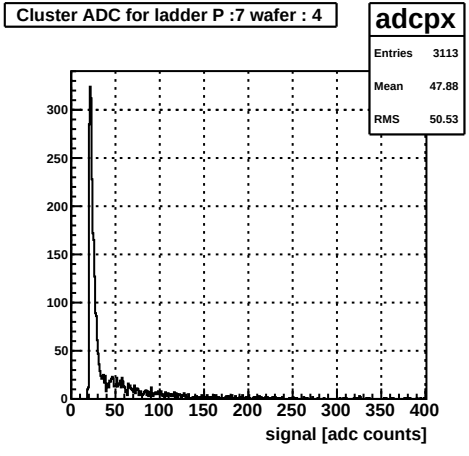

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5281
Mean 54.85
RMS 61.36
signal [adc counts]

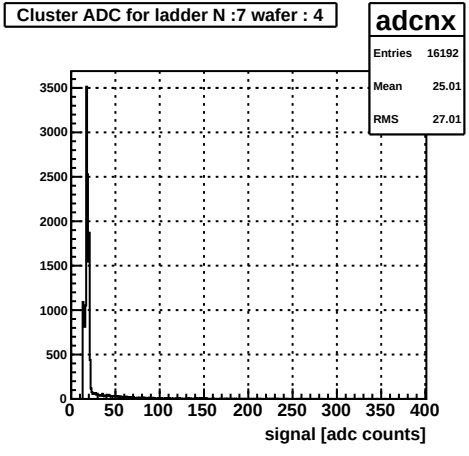

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 6415
Mean 31.47
RMS 35.59
signal [adc counts]

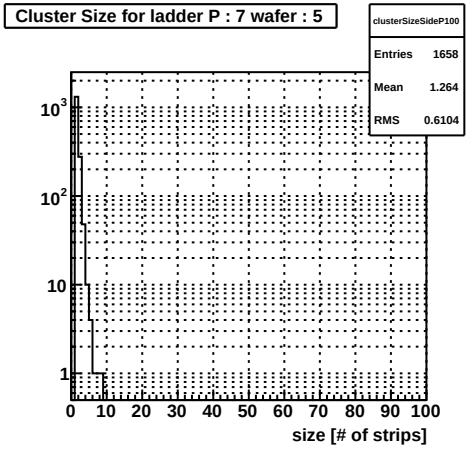

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3113
Mean 1.204
RMS 0.5452
size [# of strips]

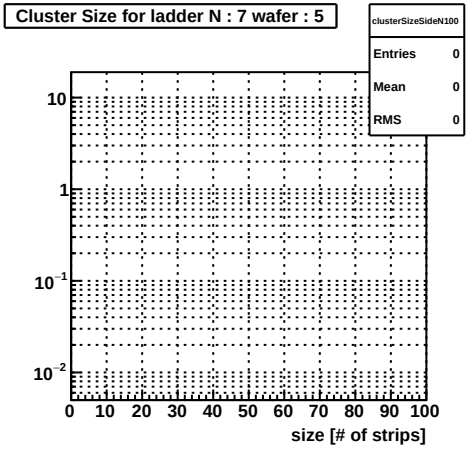

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 16192
Mean 1.12
RMS 0.4714
size [# of strips]

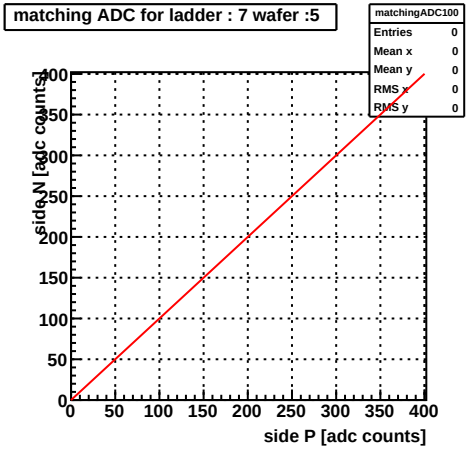

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 721
Mean x 69.12
Mean y 59.25
RMS x 60.14
RMS y 51.66
side N [adc counts]
side P [adc counts]

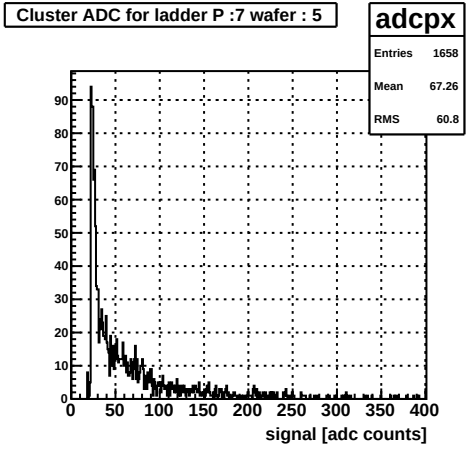

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3113
Mean 47.88
RMS 50.53
signal [adc counts]

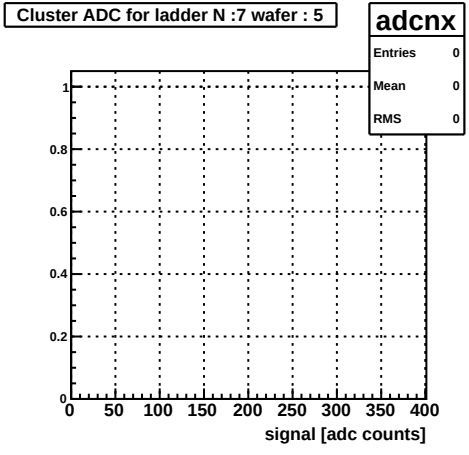

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 16192
Mean 25.01
RMS 27.01
signal [adc counts]

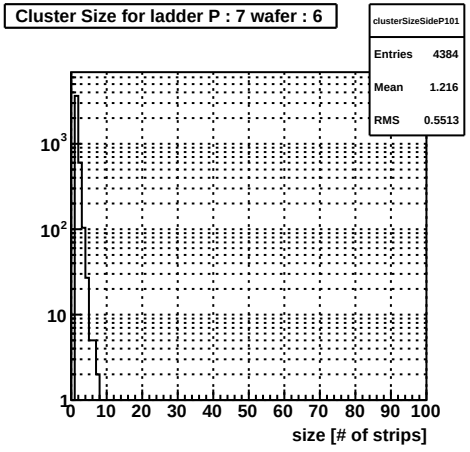

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1658
Mean 1.264
RMS 0.6104
size [# of strips]

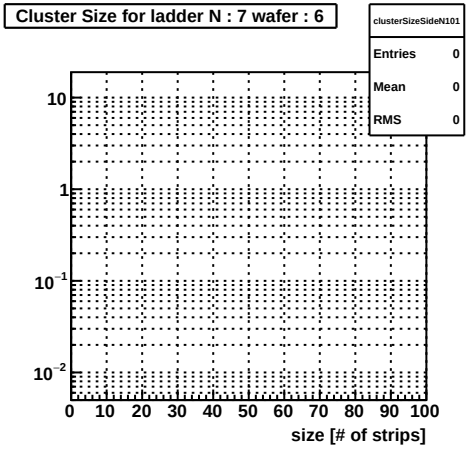

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

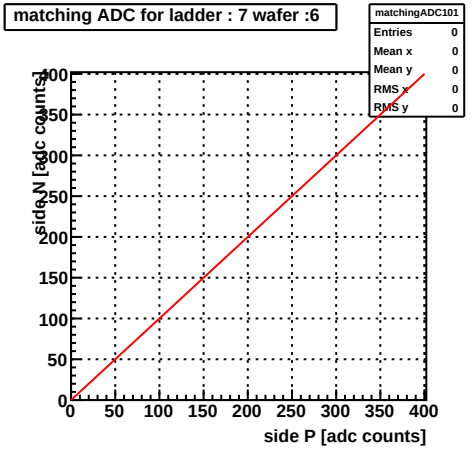

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

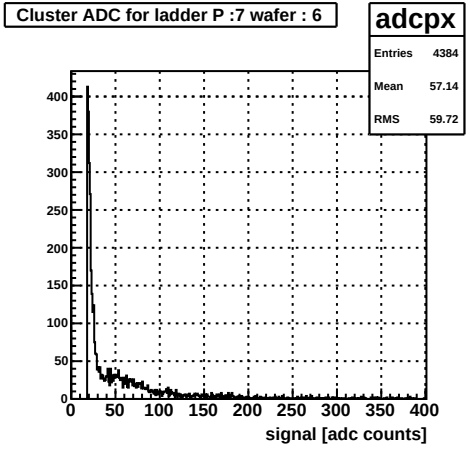

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1658
Mean 67.26
RMS 60.8
signal [adc counts]

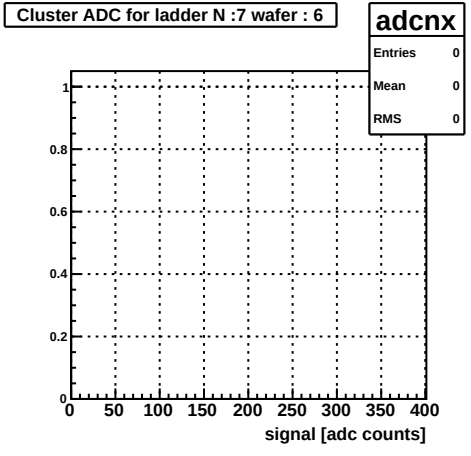

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

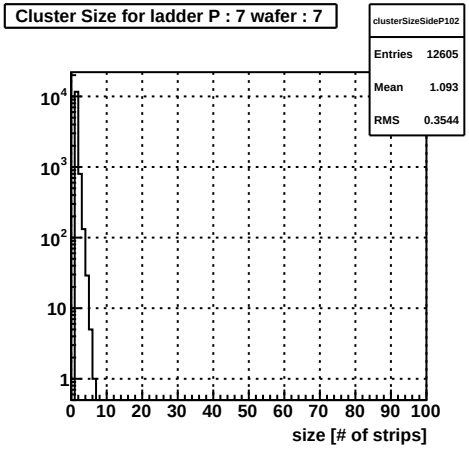

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4384
Mean 1.216
RMS 0.5513
size [# of strips]

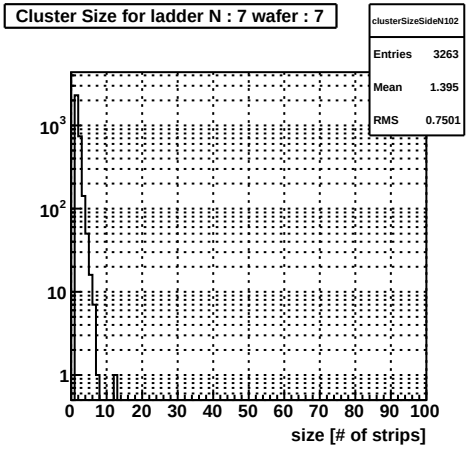

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

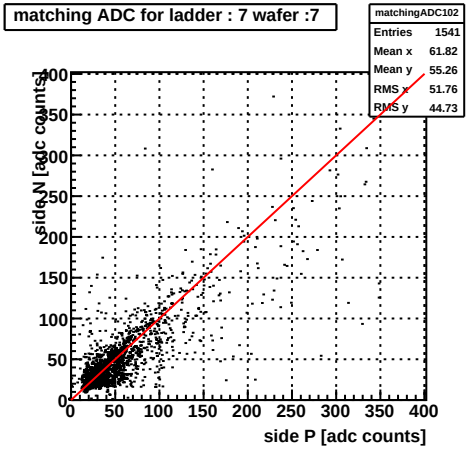

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

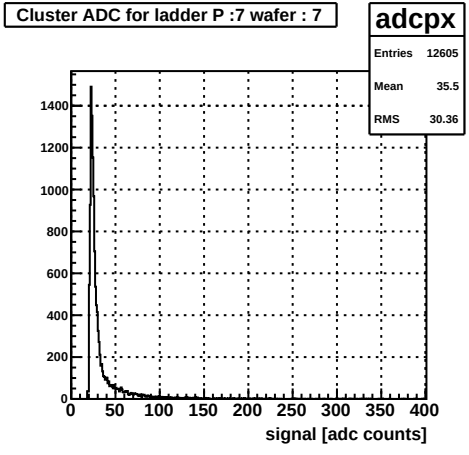

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4384
Mean 57.14
RMS 59.72
signal [adc counts]

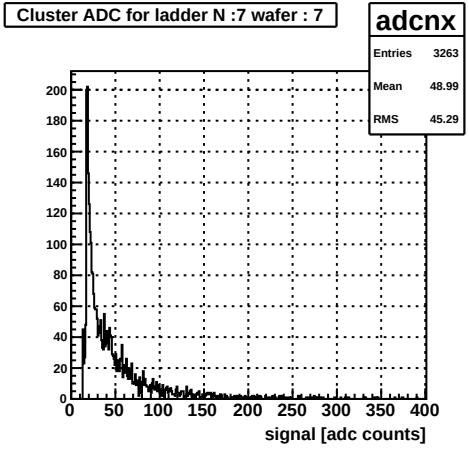

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

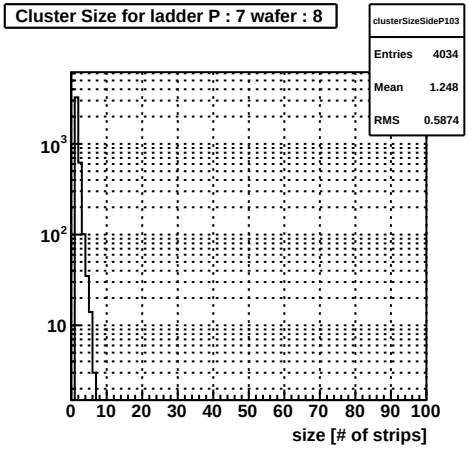

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12605
Mean 1.093
RMS 0.3544
size [# of strips]

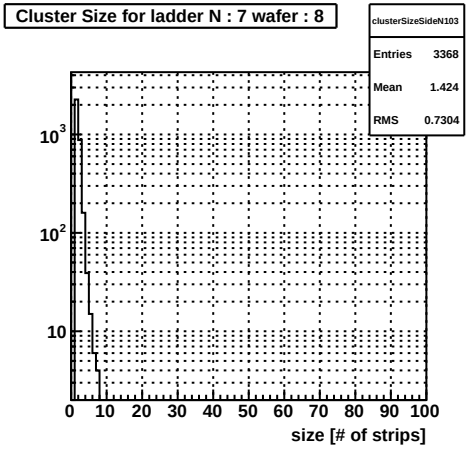

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3263
Mean 1.395
RMS 0.7501
size [# of strips]

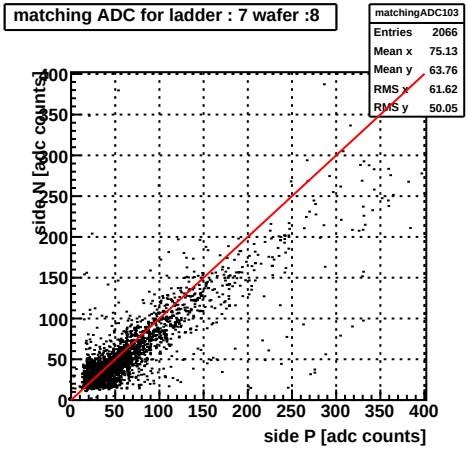

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1541
Mean x 61.82
Mean y 55.26
RMS x 51.76
RMS y 44.73
side N [adc counts]
side P [adc counts]

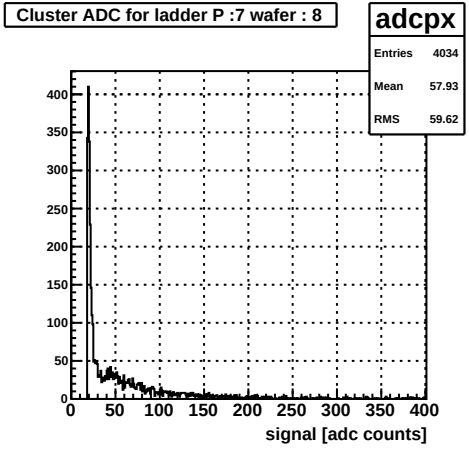

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12605
Mean 35.5
RMS 30.36
signal [adc counts]

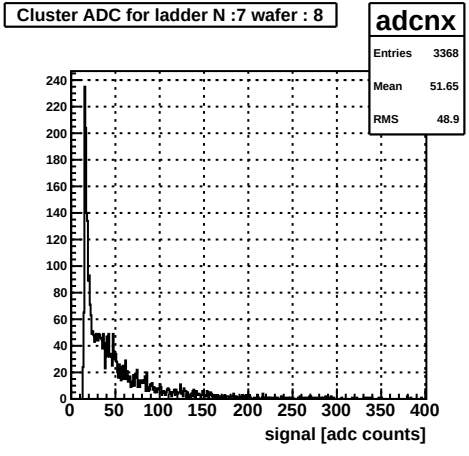

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3263
Mean 48.99
RMS 45.29
signal [adc counts]

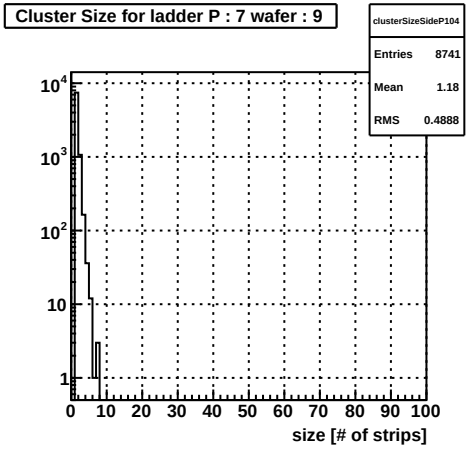

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4034
Mean 1.248
RMS 0.5874
size [# of strips]

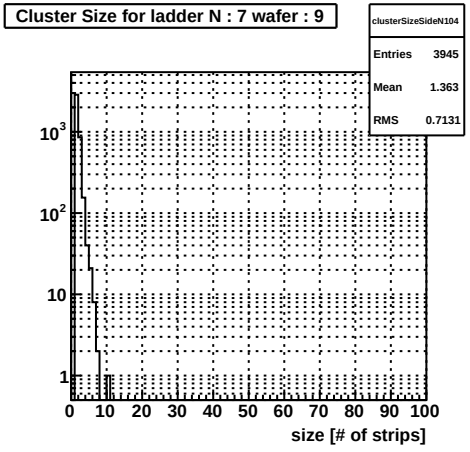

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3368
Mean 1.424
RMS 0.7304
size [# of strips]

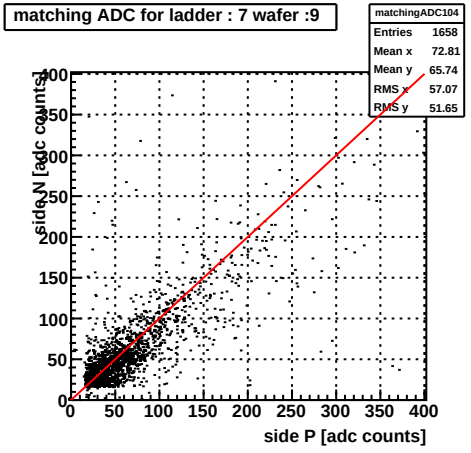

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2066
Mean x 75.13
Mean y 63.76
RMS x 61.62
RMS y 50.05
side N [adc counts]
side P [adc counts]

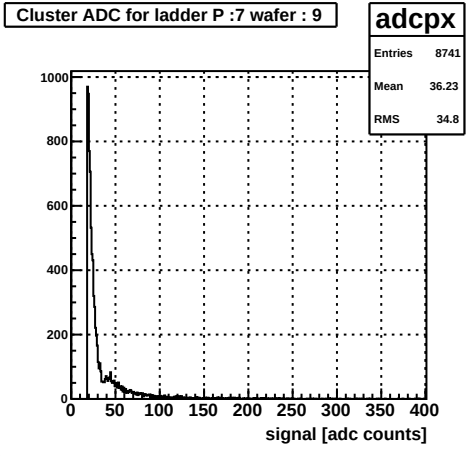

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4034
Mean 57.93
RMS 59.62
signal [adc counts]

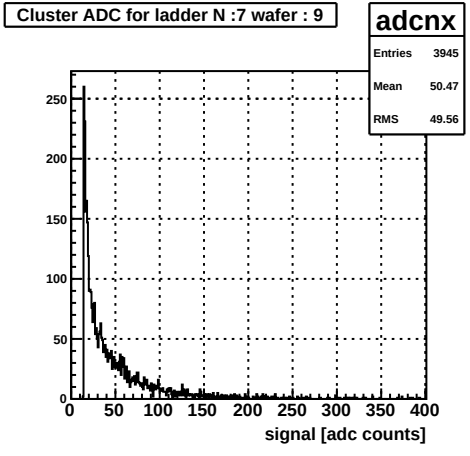

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3368
Mean 51.65
RMS 48.9
signal [adc counts]

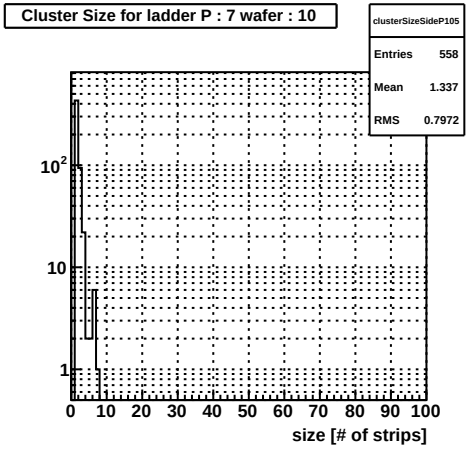

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8741
Mean 1.18
RMS 0.4888
size [# of strips]

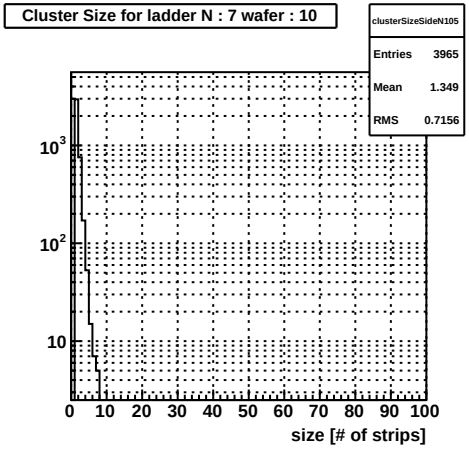

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3945
Mean 1.363
RMS 0.7131
size [# of strips]

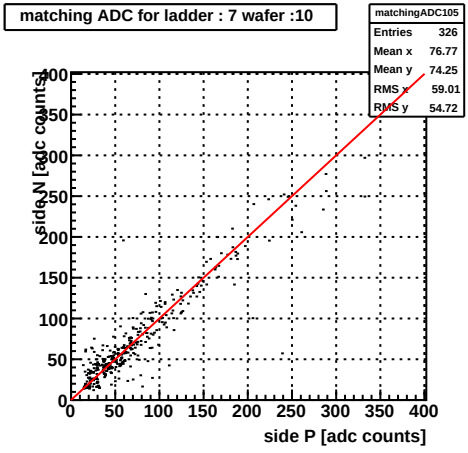

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1658
Mean x 72.81
Mean y 65.74
RMS x 57.07
RMS y 51.65
side N [adc counts]
side P [adc counts]

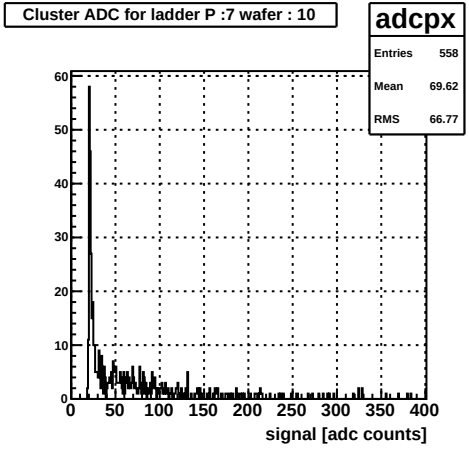

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8741
Mean 36.23
RMS 34.8
signal [adc counts]

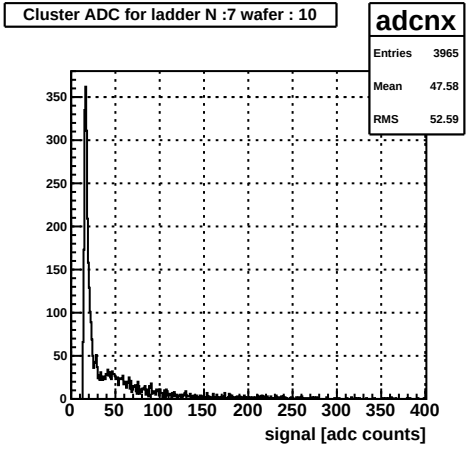

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3945
Mean 50.47
RMS 49.56
signal [adc counts]

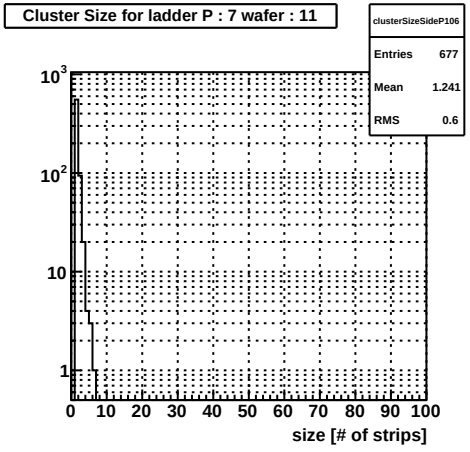

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 558
Mean 1.337
RMS 0.7972
size [# of strips]

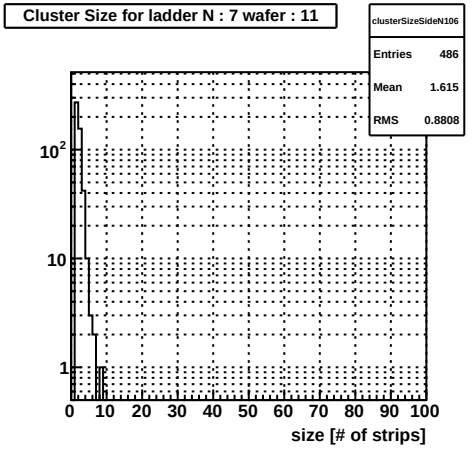

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3965
Mean 1.349
RMS 0.7156
size [# of strips]

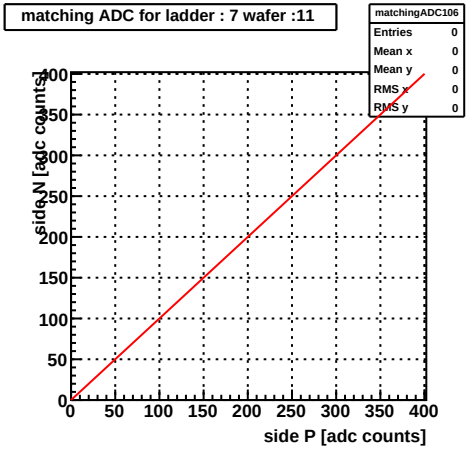

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 326
Mean x 76.77
Mean y 74.25
RMS x 59.01
RMS y 54.72
side N [adc counts]
side P [adc counts]

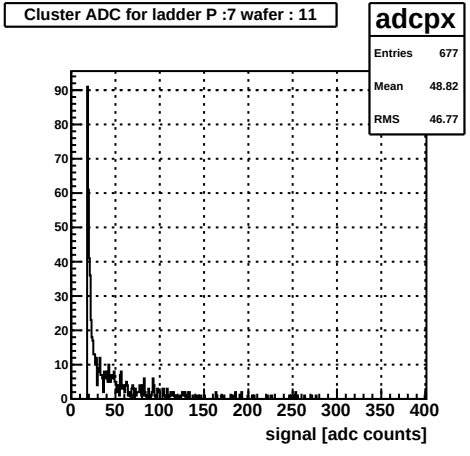

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 558
Mean 69.62
RMS 66.77
signal [adc counts]

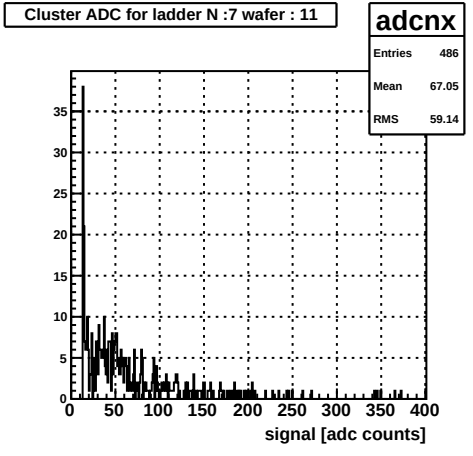

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3965
Mean 47.58
RMS 52.59
signal [adc counts]

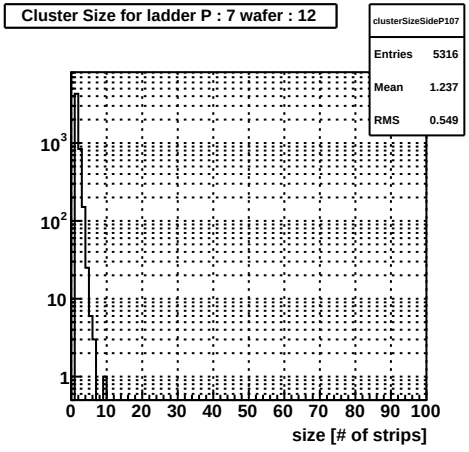

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 677
Mean 1.241
RMS 0.6
size [# of strips]

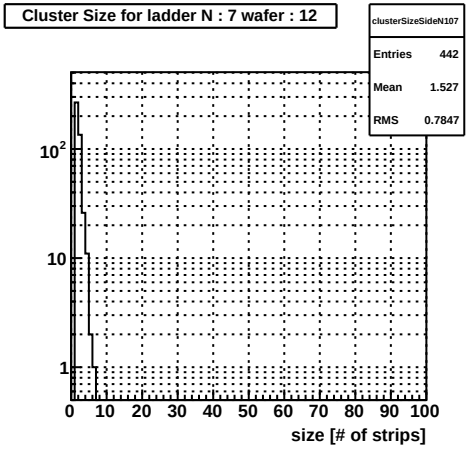

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 486
Mean 1.615
RMS 0.8808
size [# of strips]

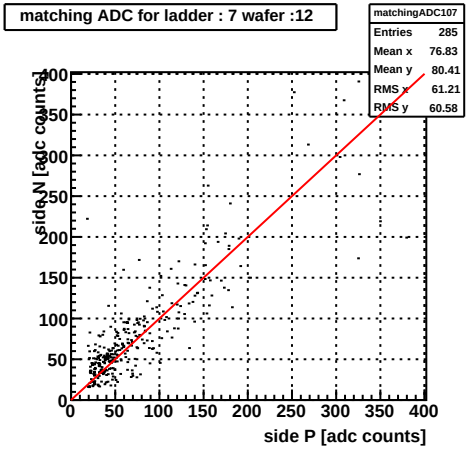

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

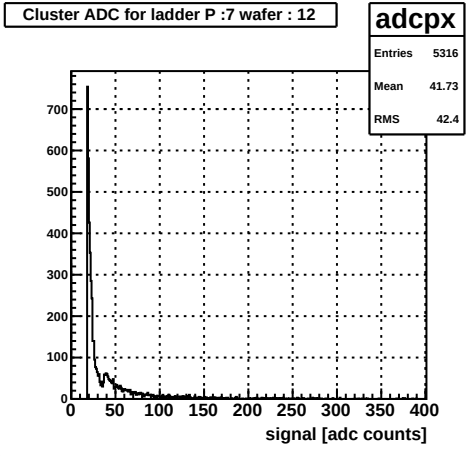

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 677
Mean 48.82
RMS 46.77
signal [adc counts]

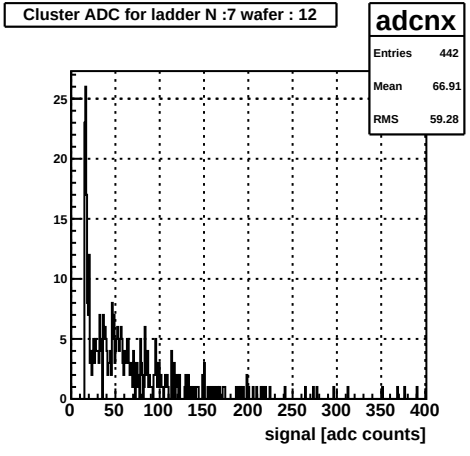

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 486
Mean 67.05
RMS 59.14
signal [adc counts]

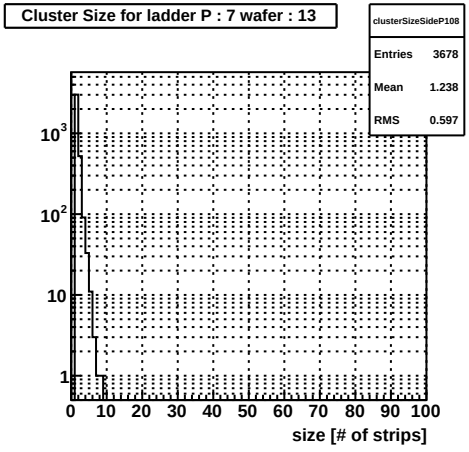

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5316
Mean 1.237
RMS 0.549
size [# of strips]

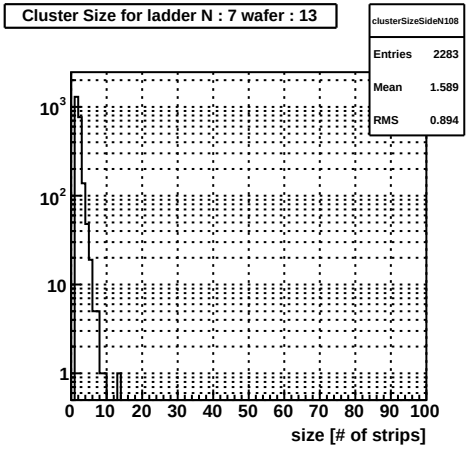

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 442
Mean 1.527
RMS 0.7847
size [# of strips]

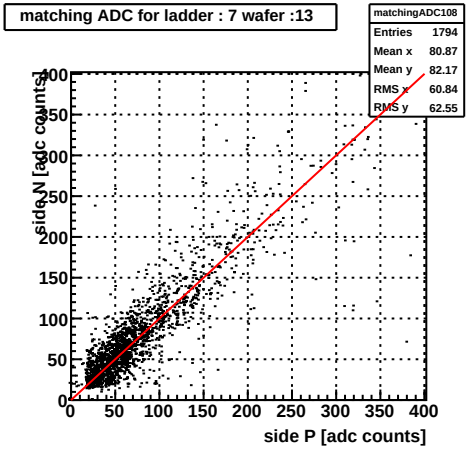

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 285
Mean x 76.83
Mean y 80.41
RMS x 61.21
RMS y 60.58
side N [adc counts]
side P [adc counts]

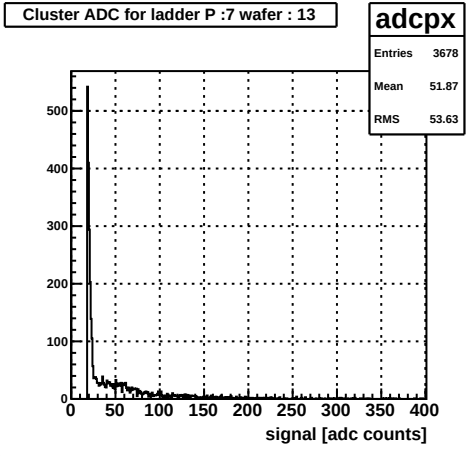

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5316
Mean 41.73
RMS 42.4
signal [adc counts]

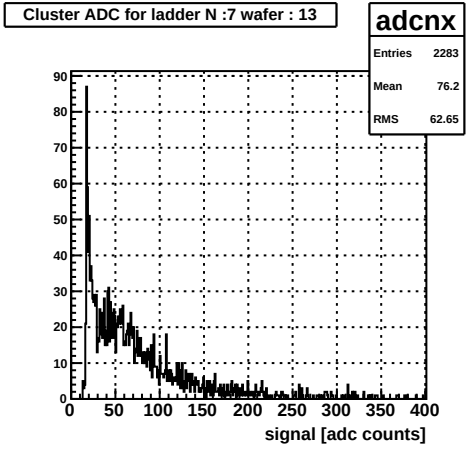

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 442
Mean 66.91
RMS 59.28
signal [adc counts]

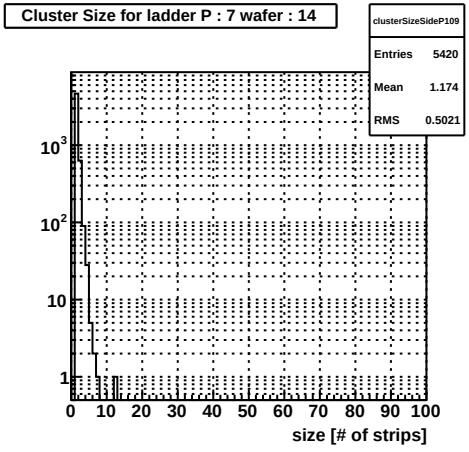

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3678
Mean 1.238
RMS 0.597
size [# of strips]

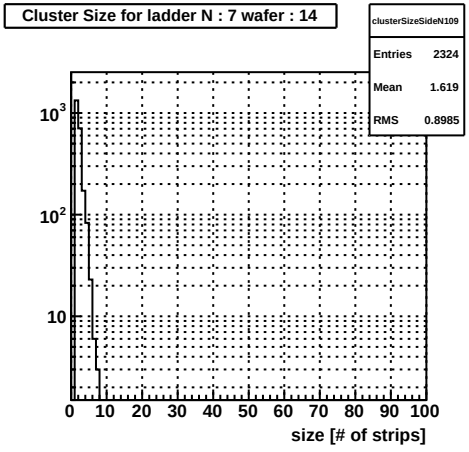

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2283
Mean 1.589
RMS 0.894
size [# of strips]

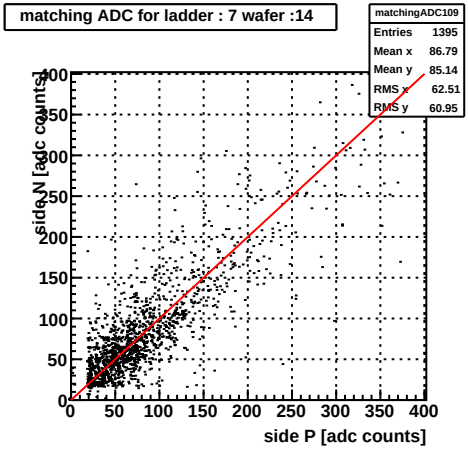

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1794
Mean x 80.87
Mean y 82.17
RMS x 60.84
RMS y 62.55
side N [adc counts]
side P [adc counts]

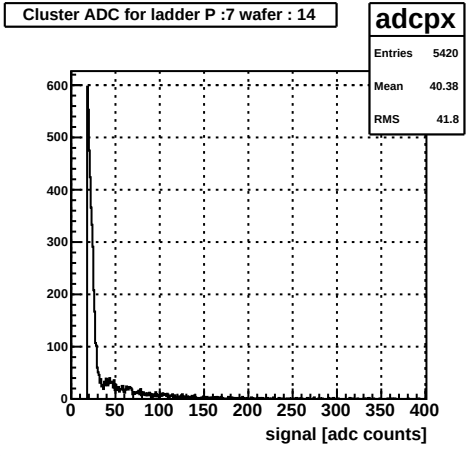

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3678
Mean 51.87
RMS 53.63
signal [adc counts]

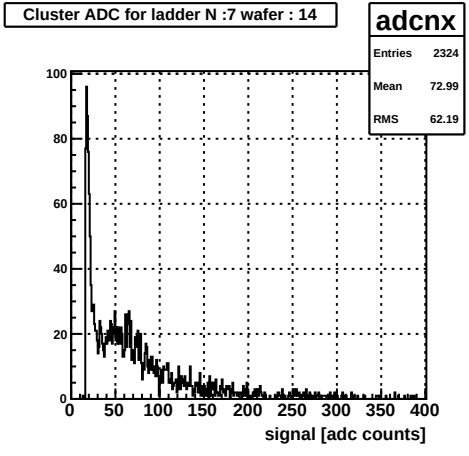

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2283
Mean 76.2
RMS 62.65
signal [adc counts]

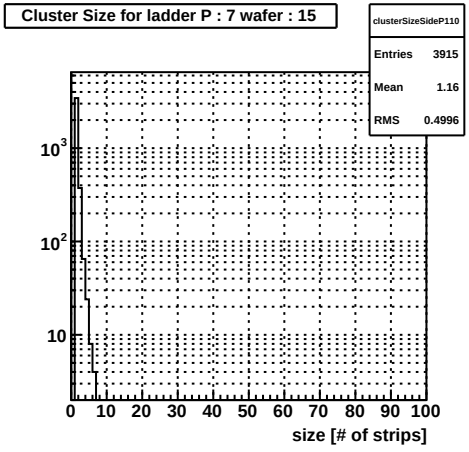

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5420
Mean 1.174
RMS 0.5021
size [# of strips]

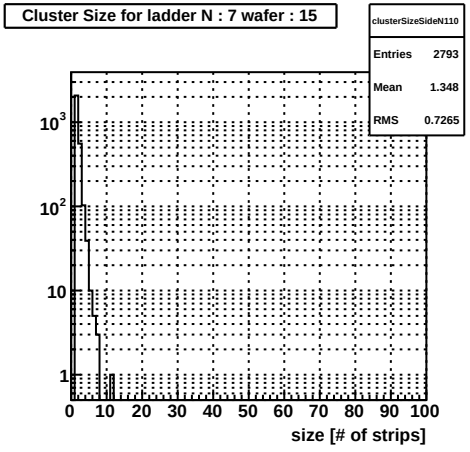

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2324
Mean 1.619
RMS 0.8985
size [# of strips]

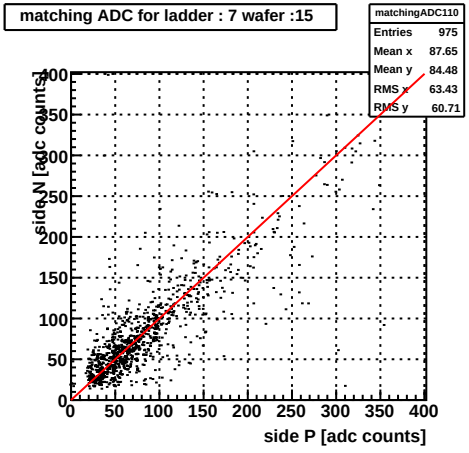

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1395
Mean x 86.79
Mean y 85.14
RMS x 62.51
RMS y 60.95
side N [adc counts]
side P [adc counts]

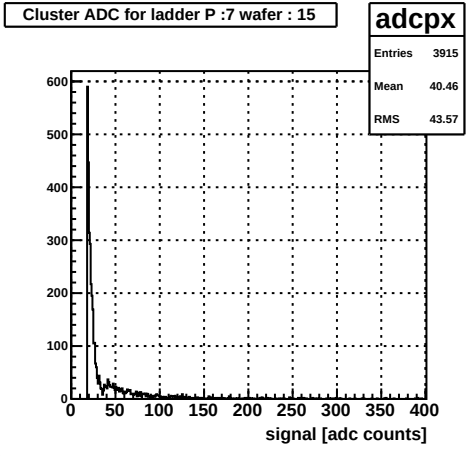

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5420
Mean 40.38
RMS 41.8
signal [adc counts]

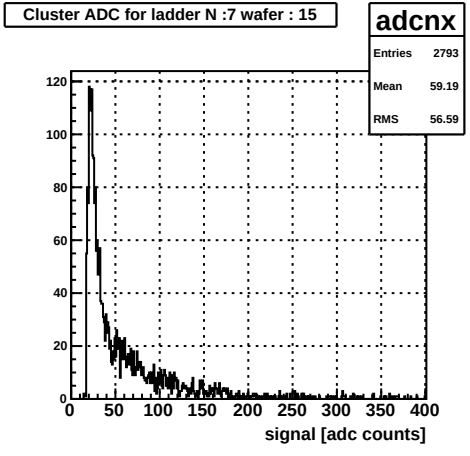

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2324
Mean 72.99
RMS 62.19
signal [adc counts]

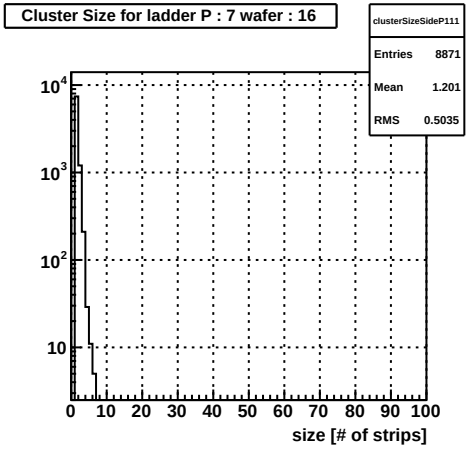

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3915
Mean 1.16
RMS 0.4996
size [# of strips]

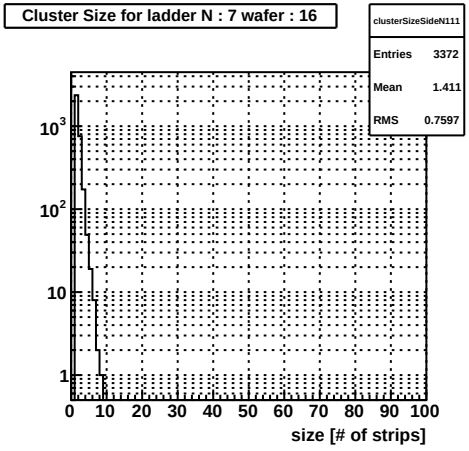

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2793
Mean 1.348
RMS 0.7265
size [# of strips]

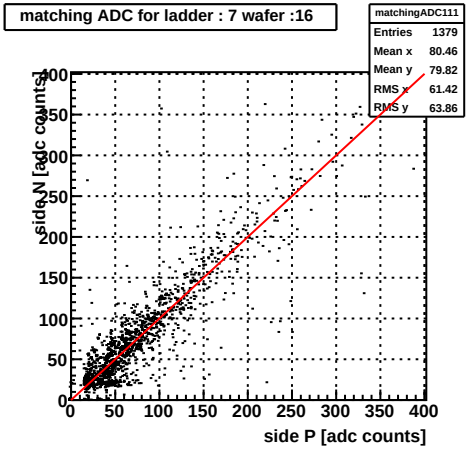

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 975
Mean x 87.65
Mean y 84.48
RMS x 63.43
RMS y 60.71
side N [adc counts]
side P [adc counts]

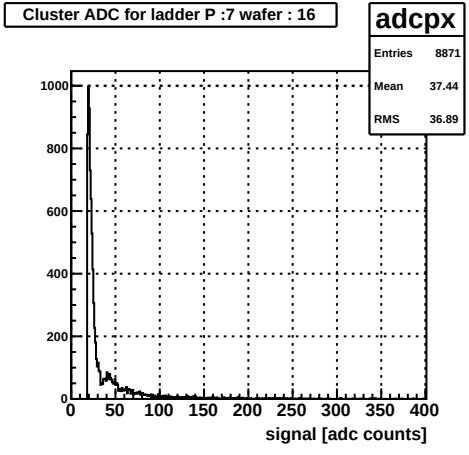

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3915
Mean 40.46
RMS 43.57
signal [adc counts]

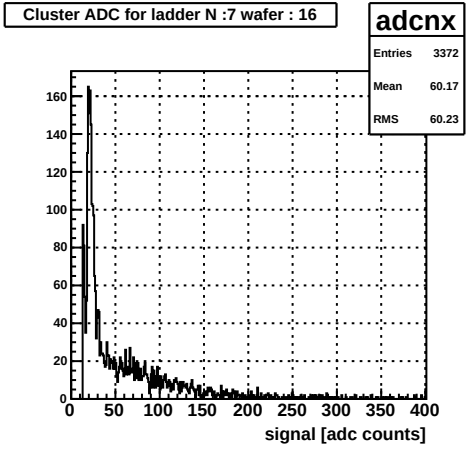

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2793
Mean 59.19
RMS 56.59
signal [adc counts]

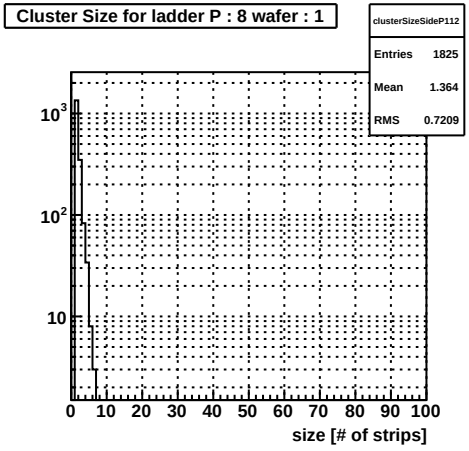

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8871
Mean 1.201
RMS 0.5035
size [# of strips]

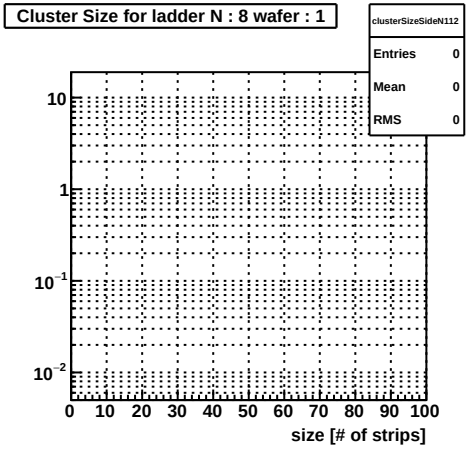

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3372
Mean 1.411
RMS 0.7597
size [# of strips]

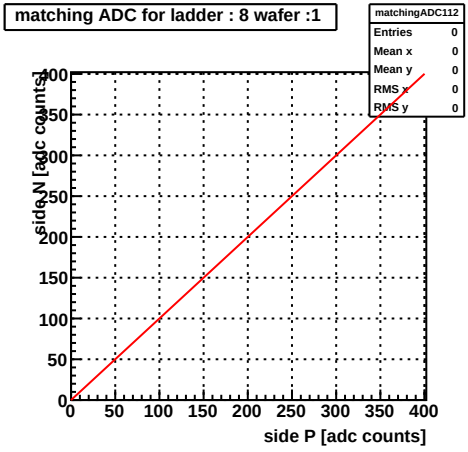

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1379
Mean x 80.46
Mean y 79.82
RMS x 61.42
RMS y 63.86
side N [adc counts]
side P [adc counts]

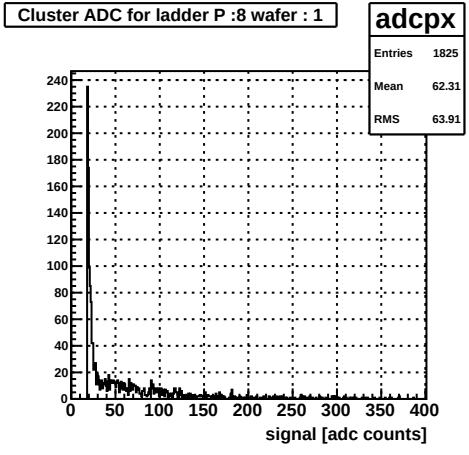

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8871
Mean 37.44
RMS 36.89
signal [adc counts]

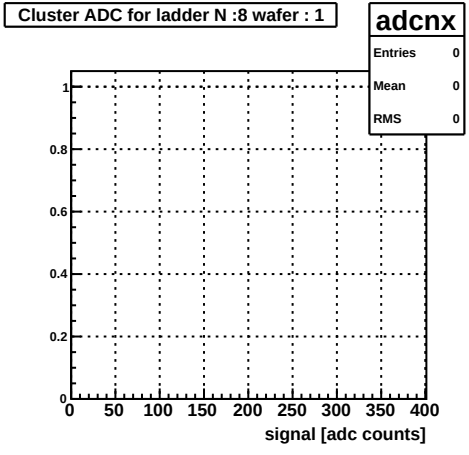

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3372
Mean 60.17
RMS 60.23
signal [adc counts]

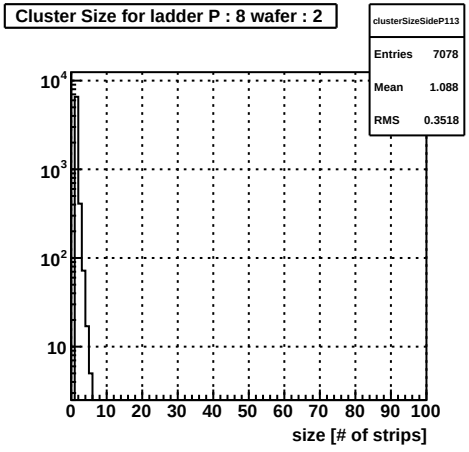

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1825
Mean 1.364
RMS 0.7209
size [# of strips]

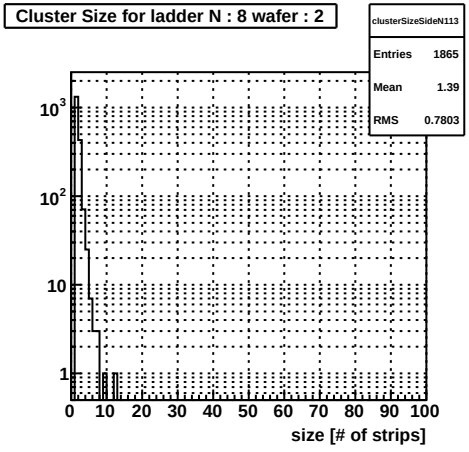

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

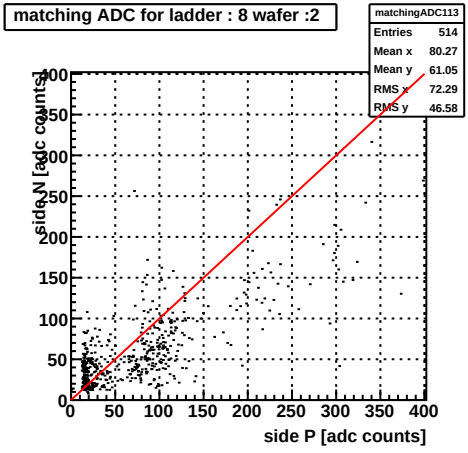

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

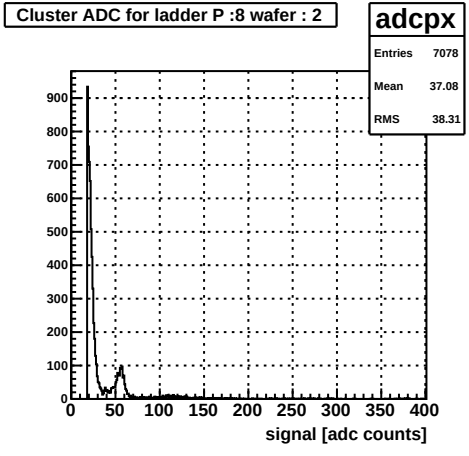

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1825
Mean 62.31
RMS 63.91
signal [adc counts]

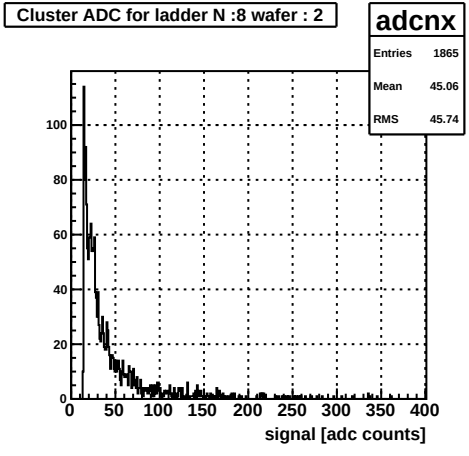

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

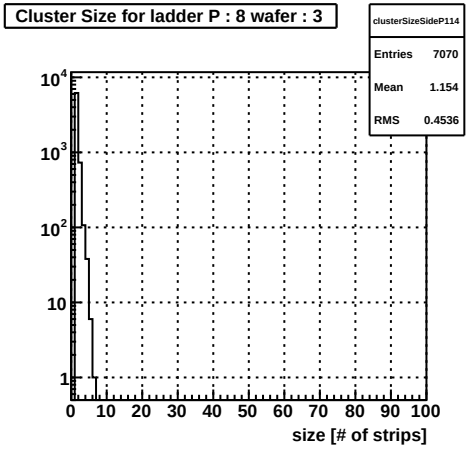

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7078
Mean 1.088
RMS 0.3518
size [# of strips]

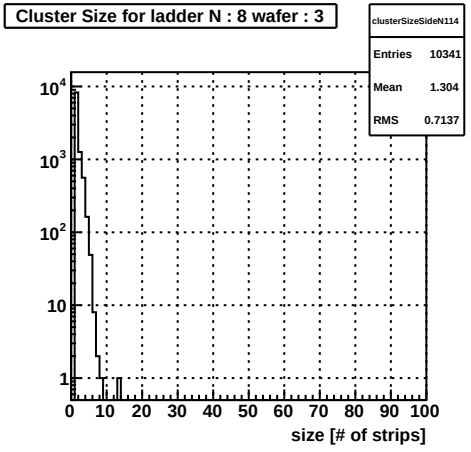

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1865
Mean 1.39
RMS 0.7803
size [# of strips]

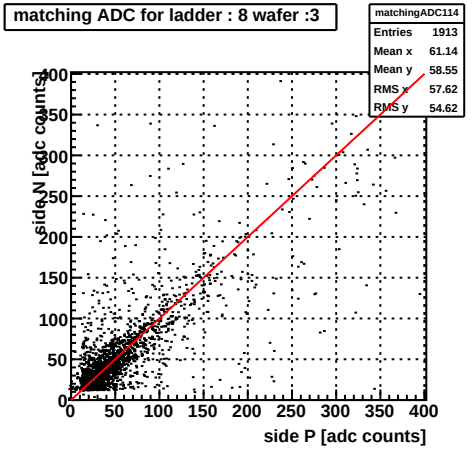

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 514
Mean x 80.27
Mean y 61.05
RMS x 72.29
RMS y 46.58
side N [adc counts]
side P [adc counts]

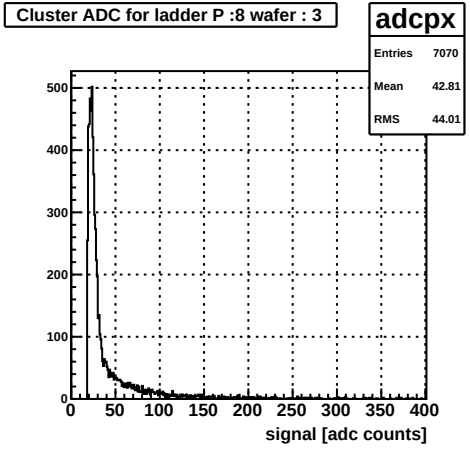

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7078
Mean 37.08
RMS 38.31
signal [adc counts]

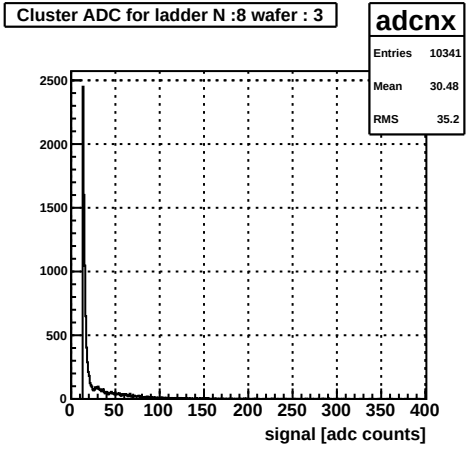

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1865
Mean 45.06
RMS 45.74
signal [adc counts]

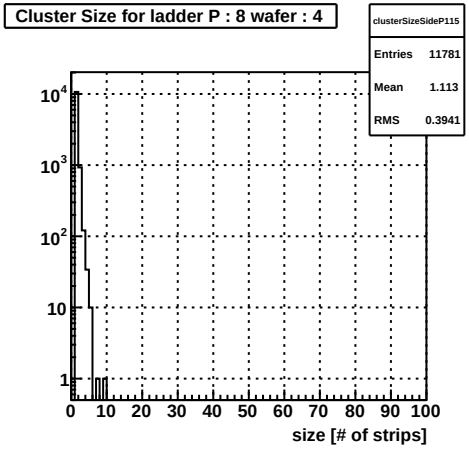

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7070
Mean 1.154
RMS 0.4536
size [# of strips]

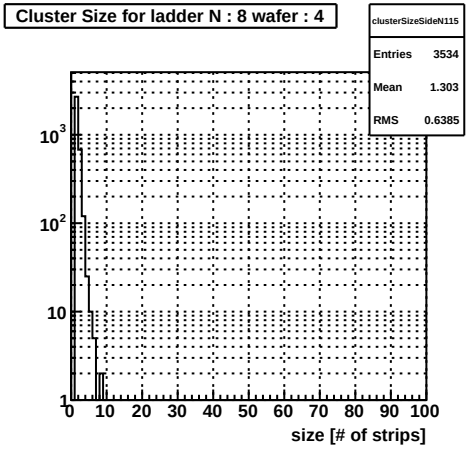

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10341
Mean 1.304
RMS 0.7137
size [# of strips]

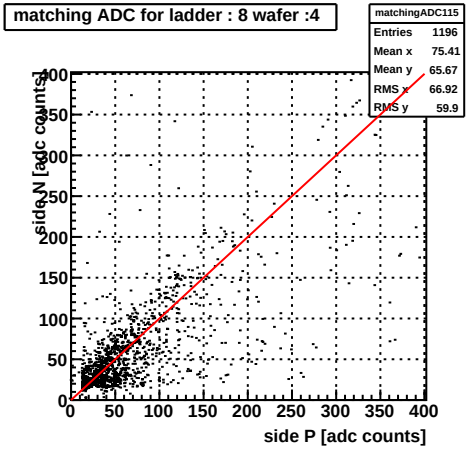

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1913
Mean x 61.14
Mean y 58.55
RMS x 57.62
RMS y 54.62
side N [adc counts]
side P [adc counts]

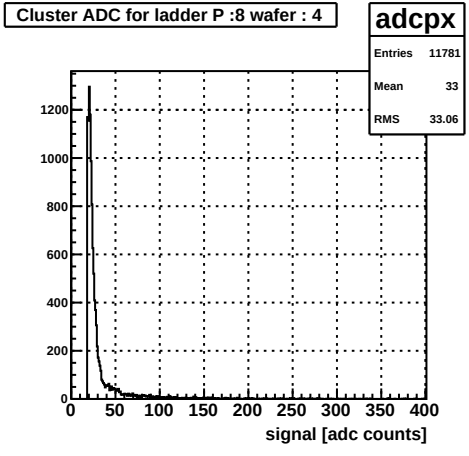

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7070
Mean 42.81
RMS 44.01
signal [adc counts]

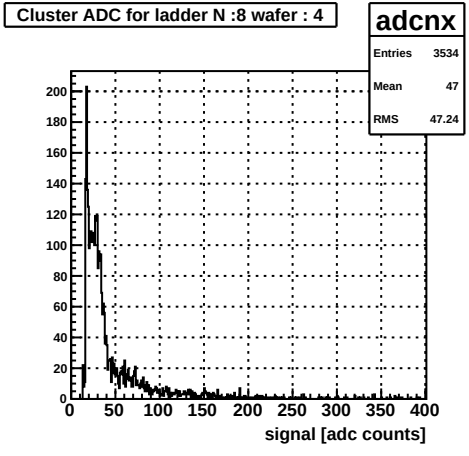

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10341
Mean 30.48
RMS 35.2
signal [adc counts]

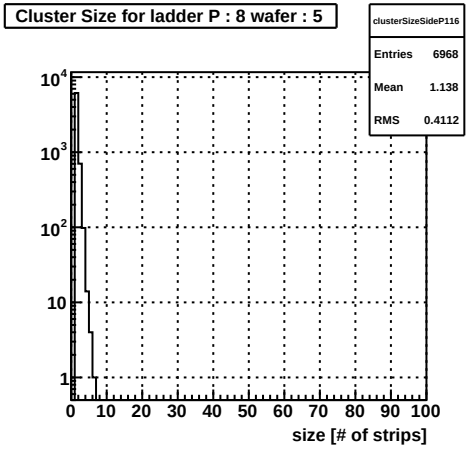

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 11781
Mean 1.113
RMS 0.3941
size [# of strips]

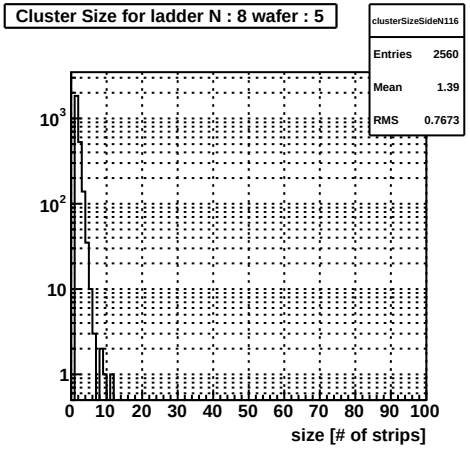

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3534
Mean 1.303
RMS 0.6385
size [# of strips]

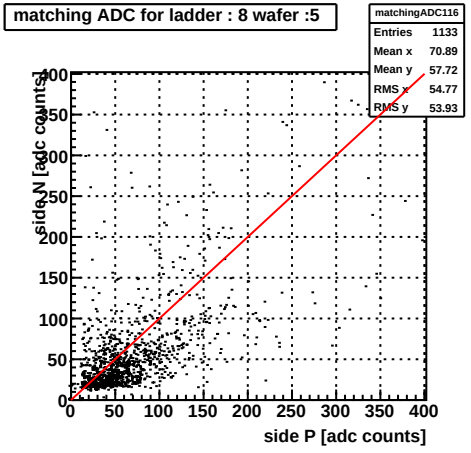

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1196
Mean x 75.41
Mean y 65.67
RMS x 66.92
RMS y 59.9
side N [adc counts]
side P [adc counts]

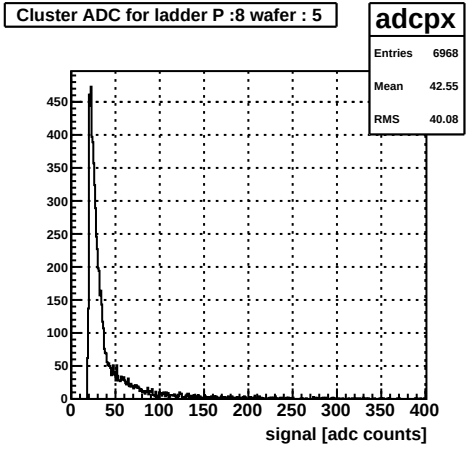

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 11781
Mean 33
RMS 33.06
signal [adc counts]

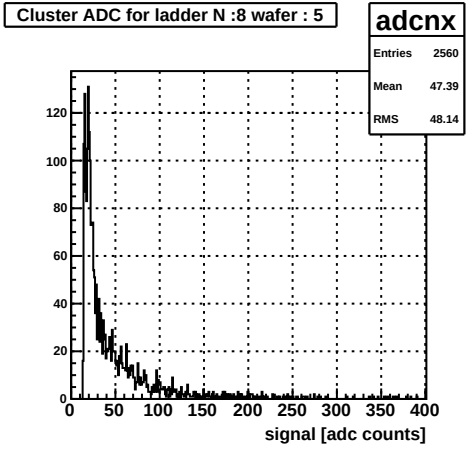

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3534
Mean 47
RMS 47.24
signal [adc counts]

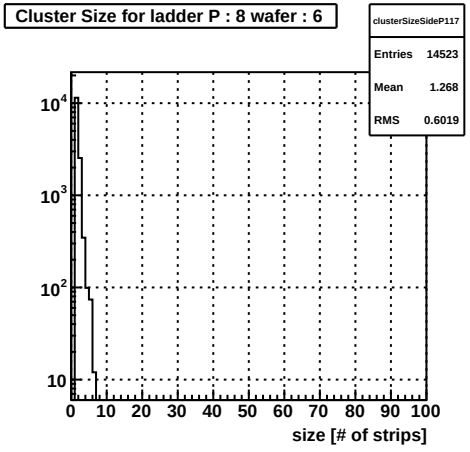

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6968
Mean 1.138
RMS 0.4112
size [# of strips]

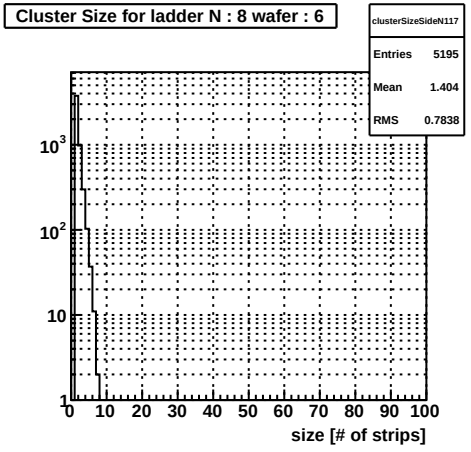

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2560
Mean 1.39
RMS 0.7673
size [# of strips]

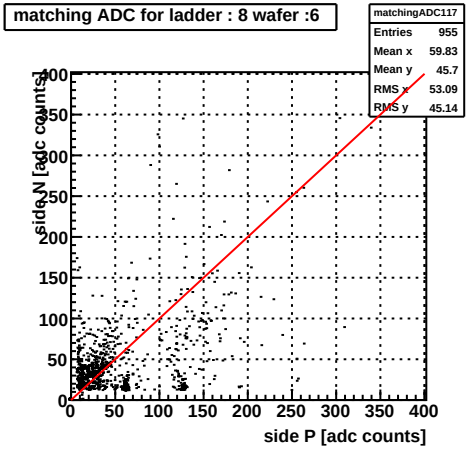

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1133
Mean x 70.89
Mean y 57.72
RMS x 54.77
RMS y 53.93
side N [adc counts]
side P [adc counts]

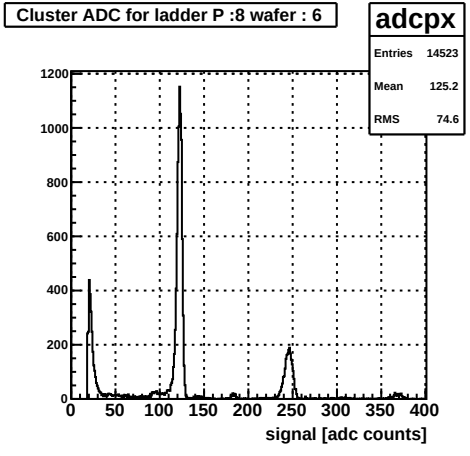

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6968
Mean 42.55
RMS 40.08
signal [adc counts]

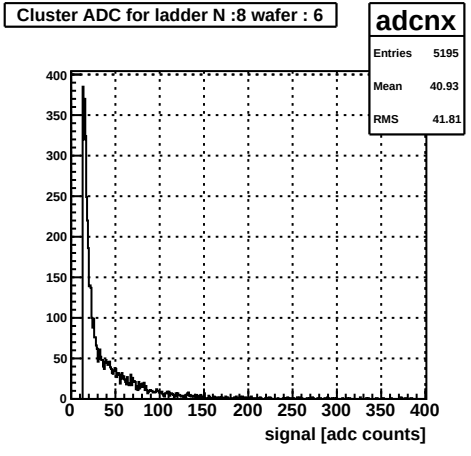

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2560
Mean 47.39
RMS 48.14
signal [adc counts]

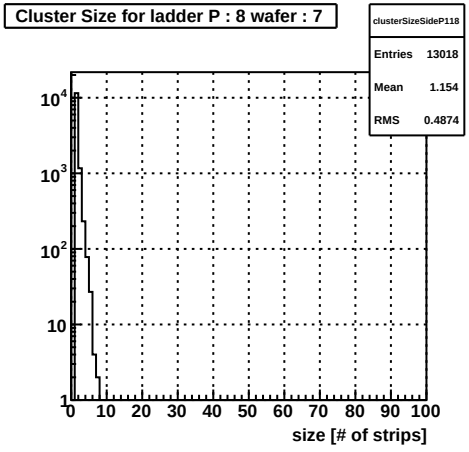

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14523
Mean 1.268
RMS 0.6019
size [# of strips]

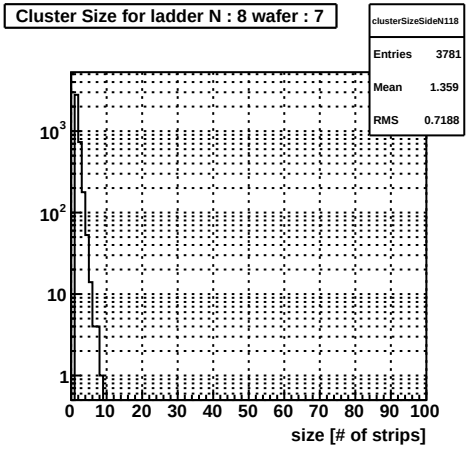

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5195
Mean 1.404
RMS 0.7838
size [# of strips]

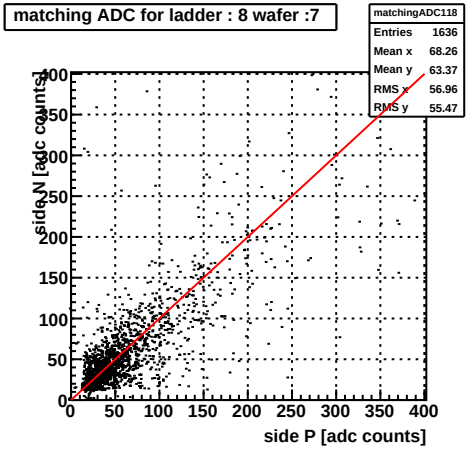

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 955
Mean x 59.83
Mean y 45.7
RMS x 53.09
RMS y 45.14
side N [adc counts]
side P [adc counts]

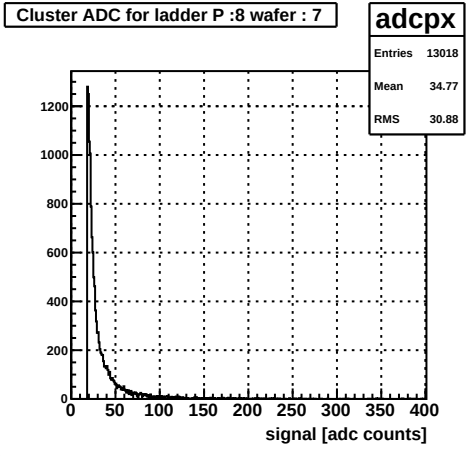

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14523
Mean 125.2
RMS 74.6
signal [adc counts]

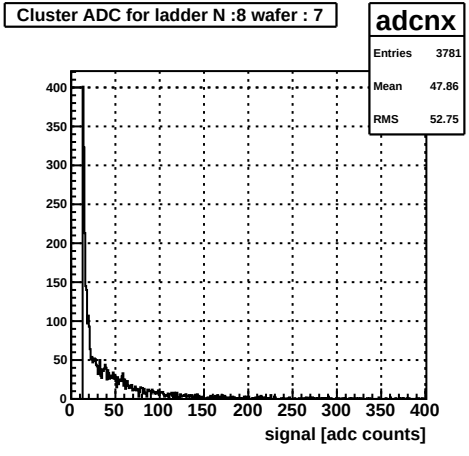

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5195
Mean 40.93
RMS 41.81
signal [adc counts]

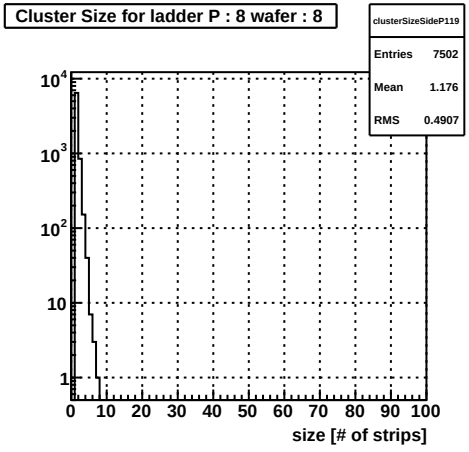

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13018
Mean 1.154
RMS 0.4874
size [# of strips]

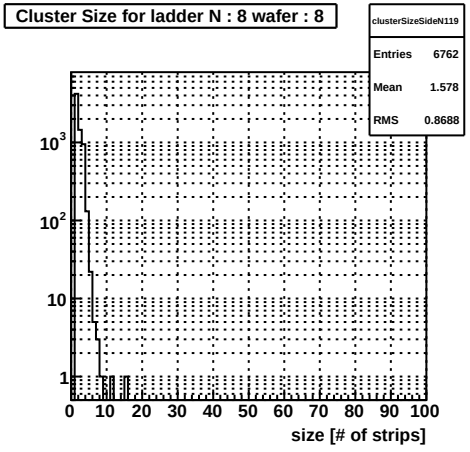

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3781
Mean 1.359
RMS 0.7188
size [# of strips]

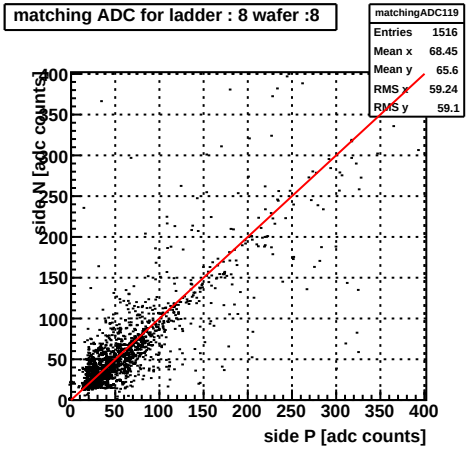

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1636
Mean x 68.26
Mean y 63.37
RMS x 56.96
RMS y 55.47
side N [adc counts]
side P [adc counts]

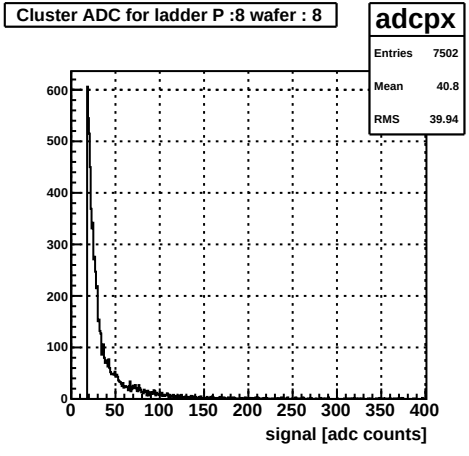

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13018
Mean 34.77
RMS 30.88
signal [adc counts]

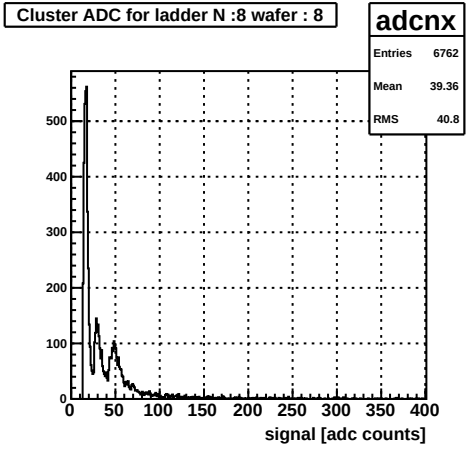

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3781
Mean 47.86
RMS 52.75
signal [adc counts]

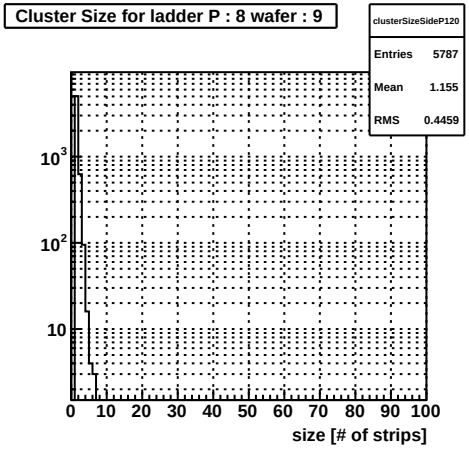

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7502
Mean 1.176
RMS 0.4907
size [# of strips]

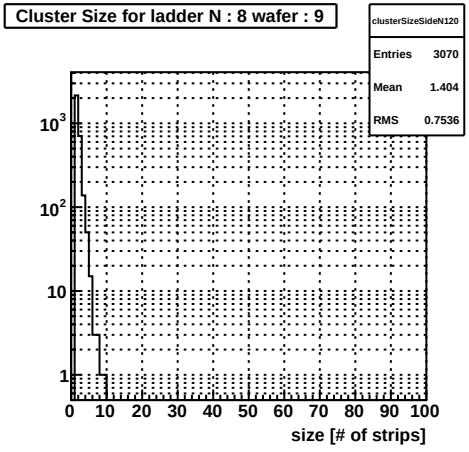

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6762
Mean 1.578
RMS 0.8688
size [# of strips]

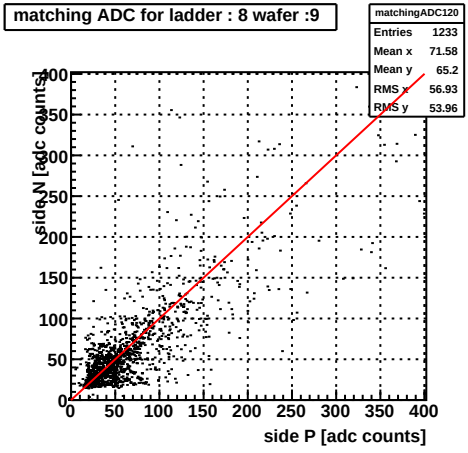

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1516
Mean x 68.45
Mean y 65.6
RMS x 59.24
RMS y 59.1
side N [adc counts]
side P [adc counts]

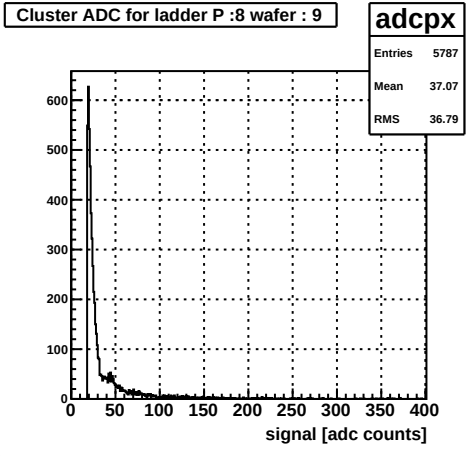

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7502
Mean 40.8
RMS 39.94
signal [adc counts]

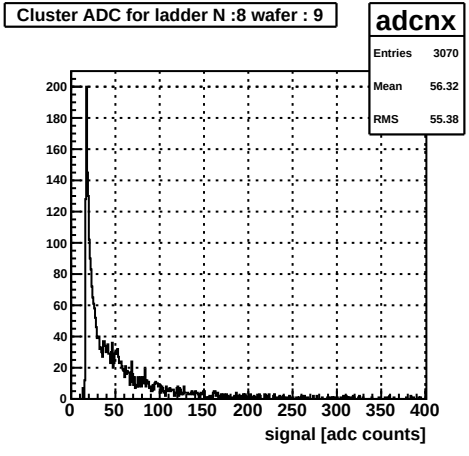

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6762
Mean 39.36
RMS 40.8
signal [adc counts]

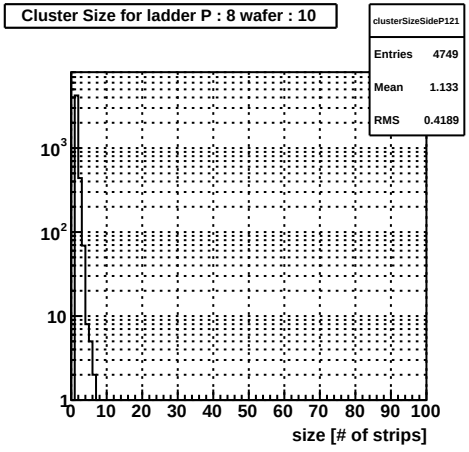

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5787
Mean 1.155
RMS 0.4459
size [# of strips]

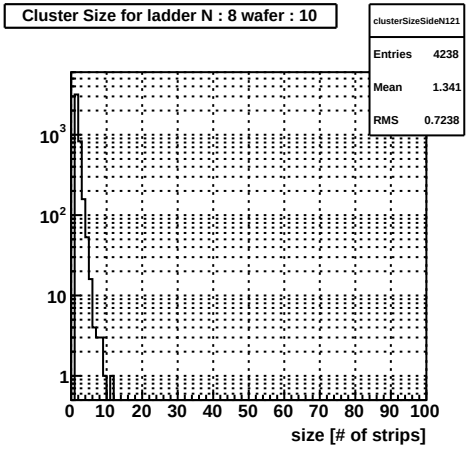

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3070
Mean 1.404
RMS 0.7536
size [# of strips]

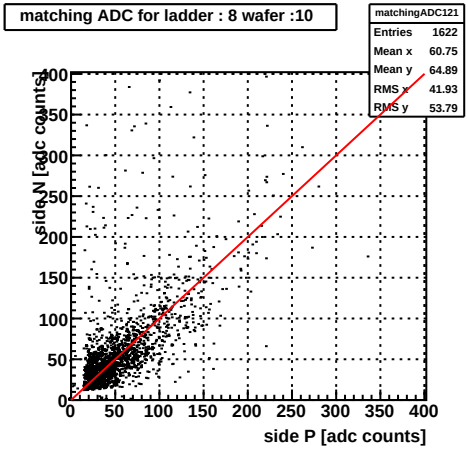

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1233
Mean x 71.58
Mean y 65.2
RMS x 56.93
RMS y 53.96
side N [adc counts]
side P [adc counts]

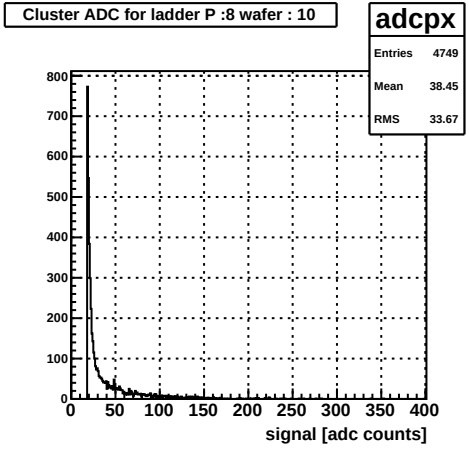

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5787
Mean 37.07
RMS 36.79
signal [adc counts]

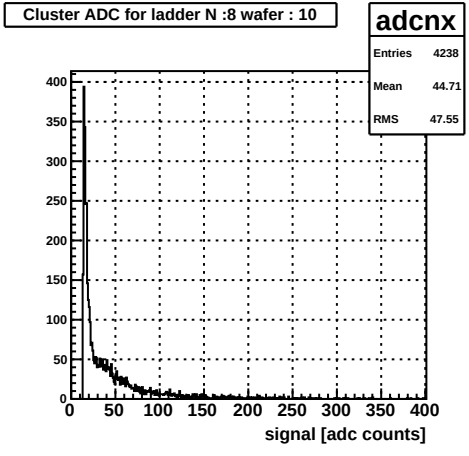

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3070
Mean 56.32
RMS 55.38
signal [adc counts]

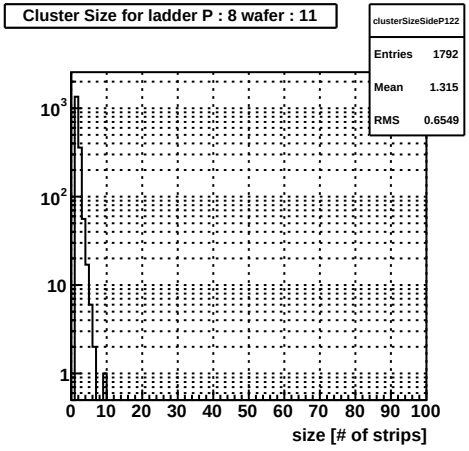

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4749
Mean 1.133
RMS 0.4189
size [# of strips]

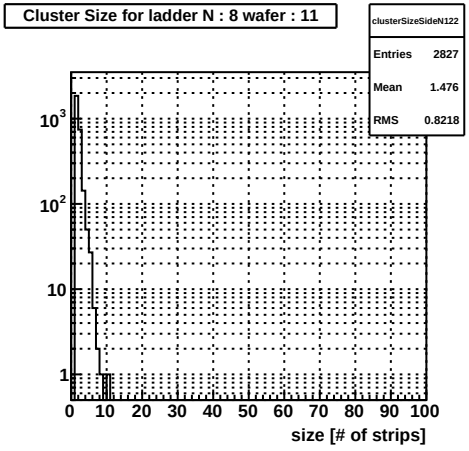

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4238
Mean 1.341
RMS 0.7238
size [# of strips]

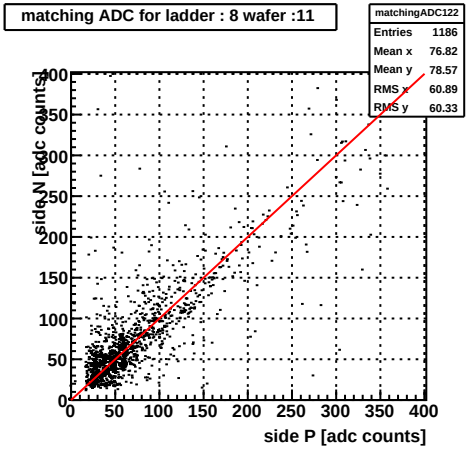

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1622
Mean x 60.75
Mean y 64.89
RMS x 41.93
RMS y 53.79
side N [adc counts]
side P [adc counts]

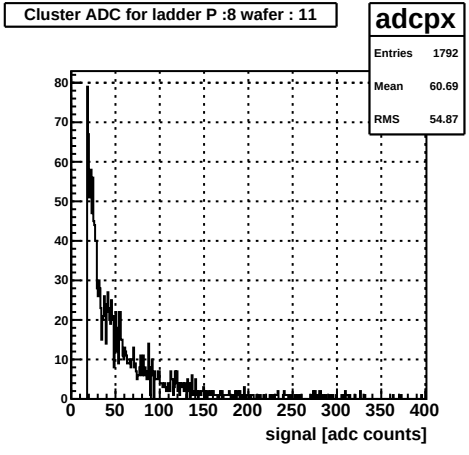

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4749
Mean 38.45
RMS 33.67
signal [adc counts]

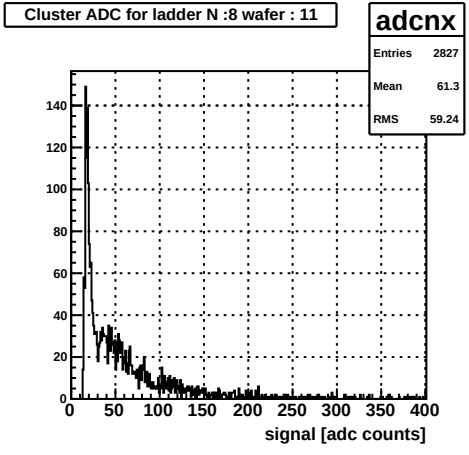

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4238
Mean 44.71
RMS 47.55
signal [adc counts]

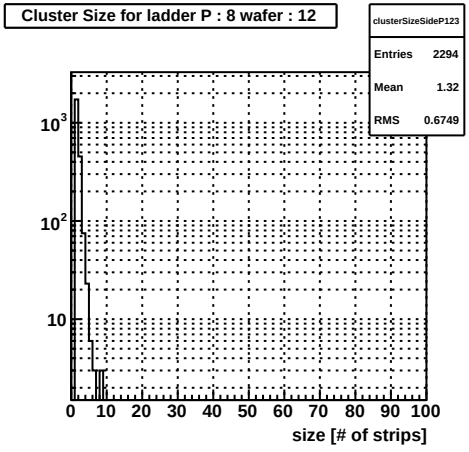

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1792
Mean 1.315
RMS 0.6549
size [# of strips]

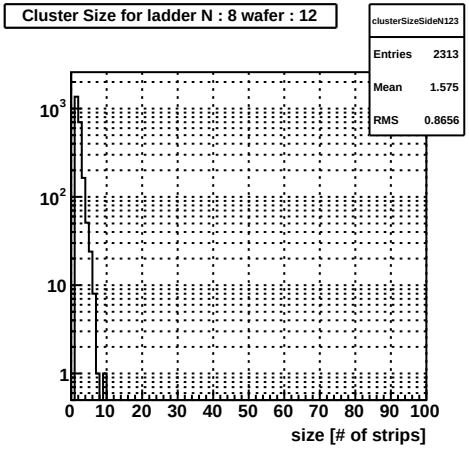

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2827
Mean 1.476
RMS 0.8218
size [# of strips]

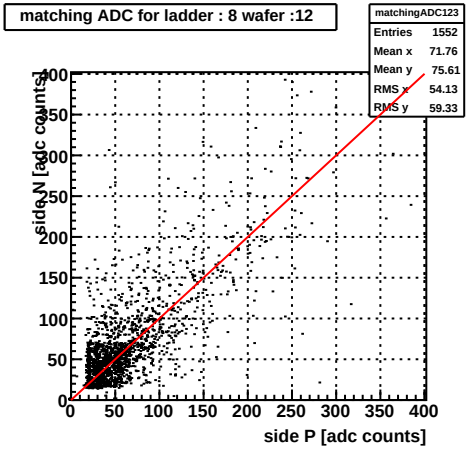

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1186
Mean x 76.82
Mean y 78.57
RMS x 60.89
RMS y 60.33
side N [adc counts]
side P [adc counts]

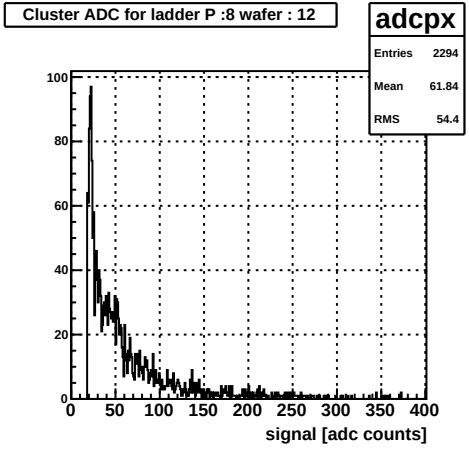

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1792
Mean 60.69
RMS 54.87
signal [adc counts]

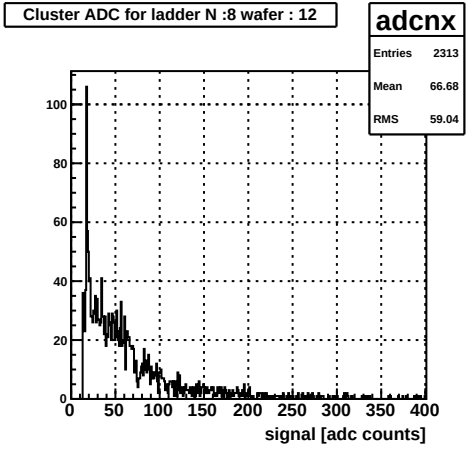

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2827
Mean 61.3
RMS 59.24
signal [adc counts]

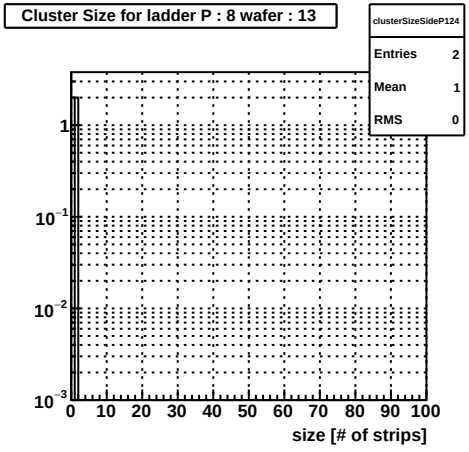

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2294
Mean 1.32
RMS 0.6749
size [# of strips]

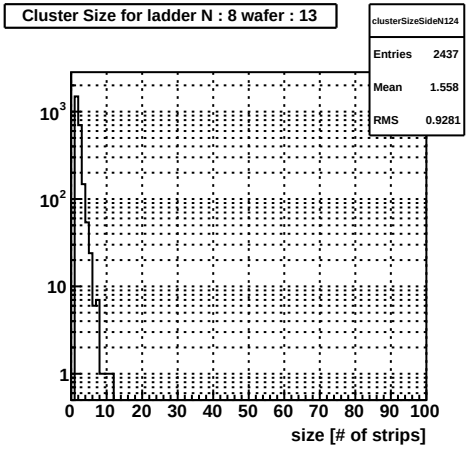

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2313
Mean 1.575
RMS 0.8656
size [# of strips]

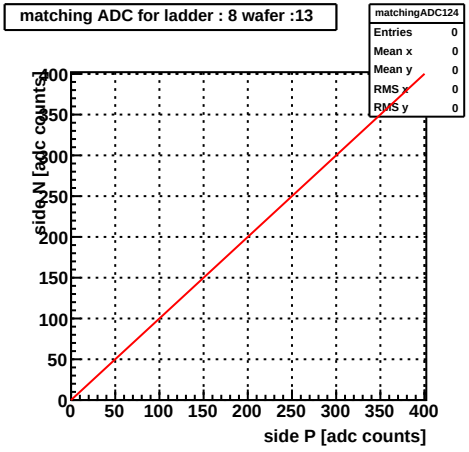

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1552
Mean x 71.76
Mean y 75.61
RMS x 54.13
RMS y 59.33
side N [adc counts]
side P [adc counts]

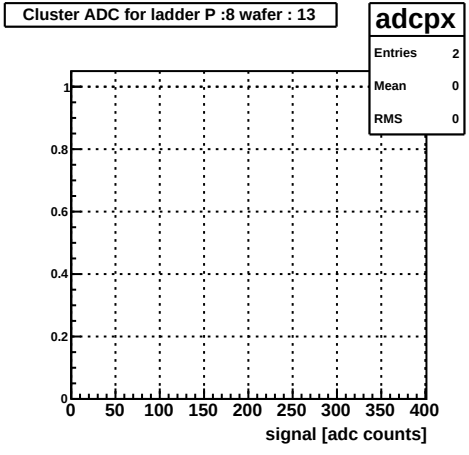

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2294
Mean 61.84
RMS 54.4
signal [adc counts]

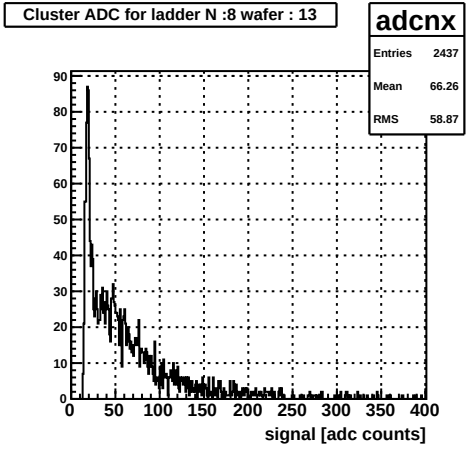

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2313
Mean 66.68
RMS 59.04
signal [adc counts]

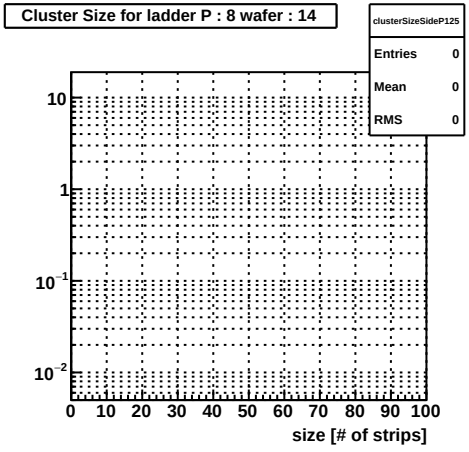

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

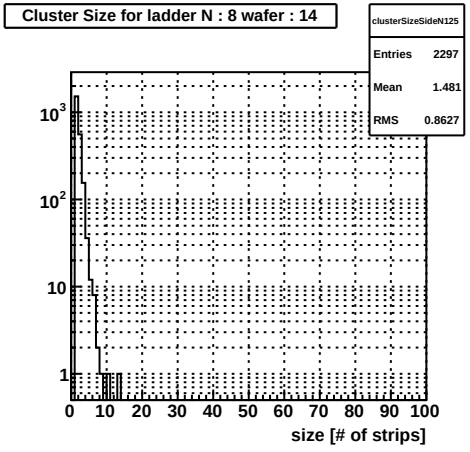

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2437
Mean 1.558
RMS 0.9281
size [# of strips]

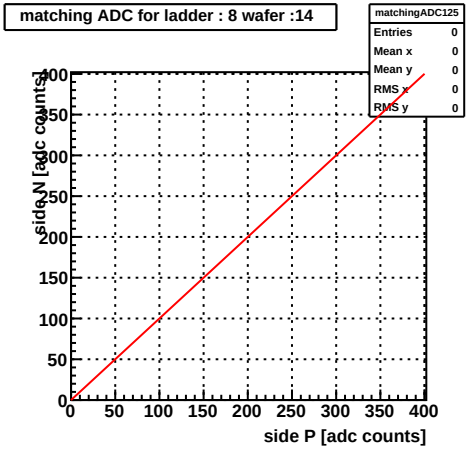

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

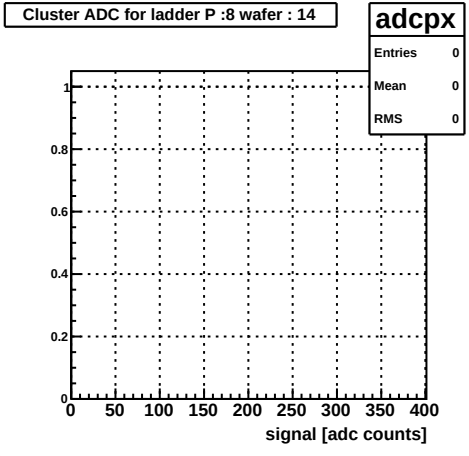

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

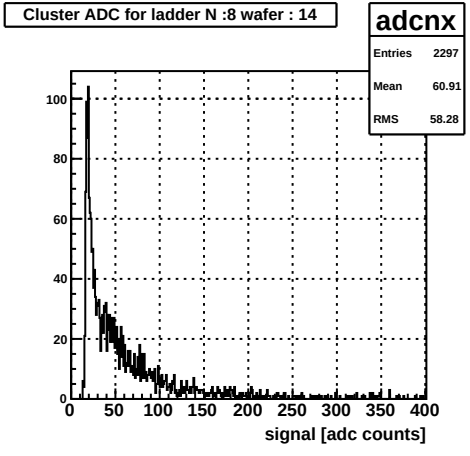

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2437
Mean 66.26
RMS 58.87
signal [adc counts]

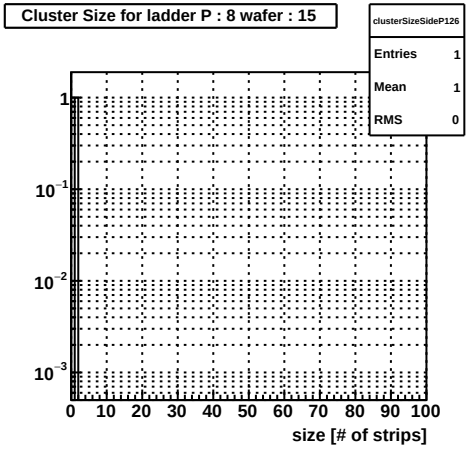

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

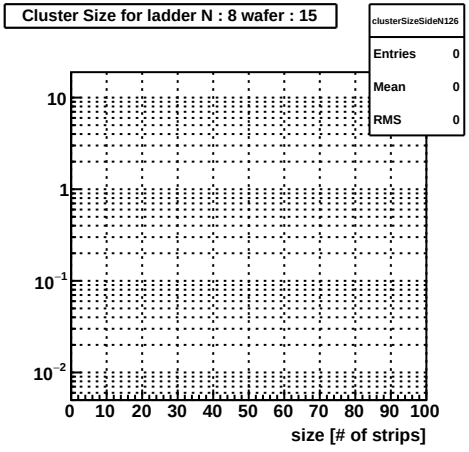

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2297
Mean 1.481
RMS 0.8627
size [# of strips]

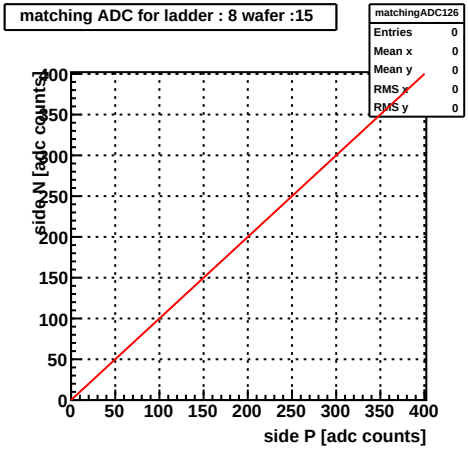

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

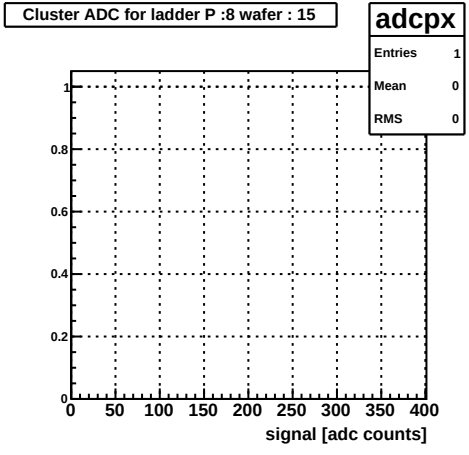

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

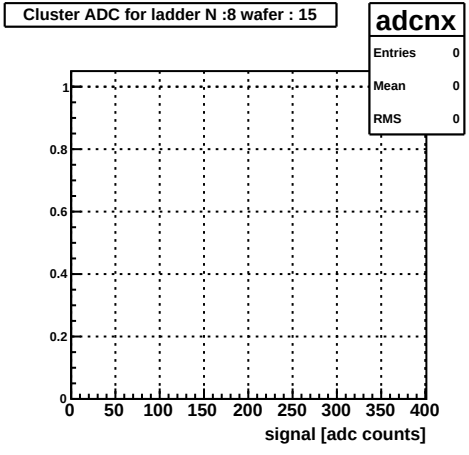

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2297
Mean 60.91
RMS 58.28
signal [adc counts]

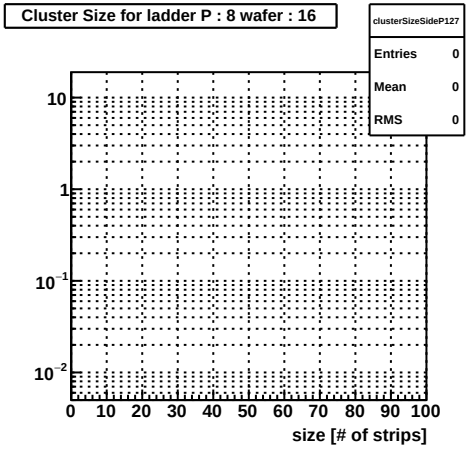

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

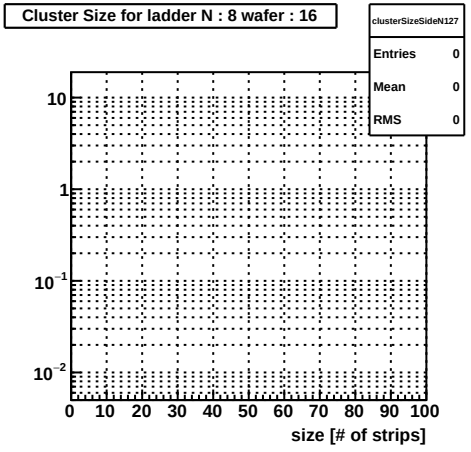

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

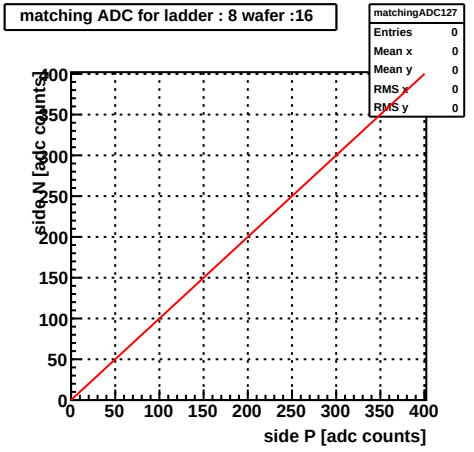

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

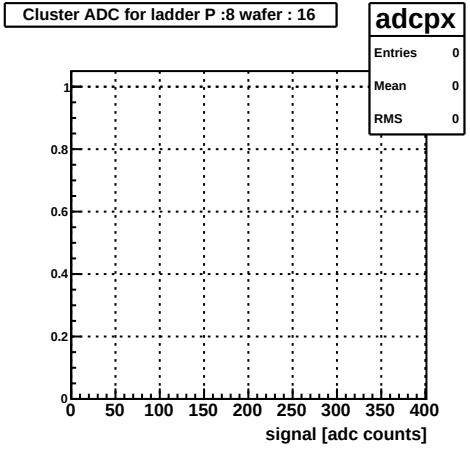

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

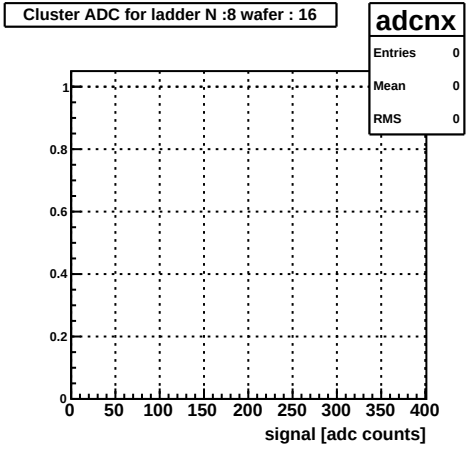

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

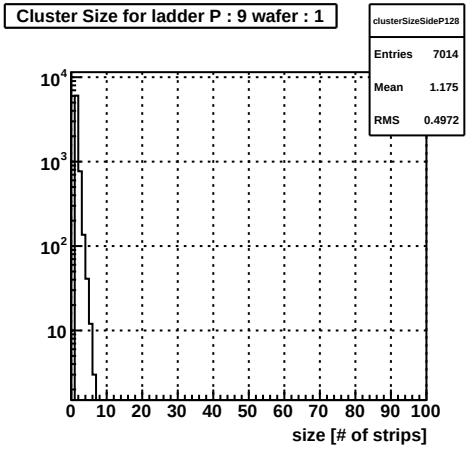

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

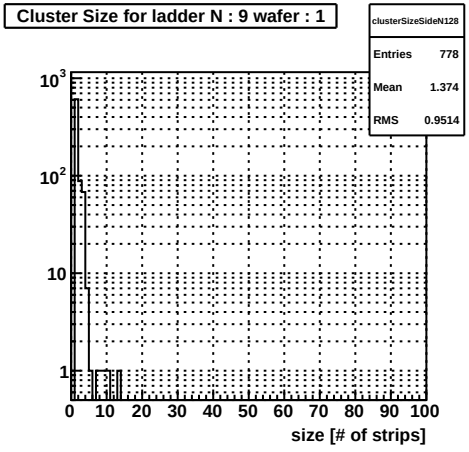

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

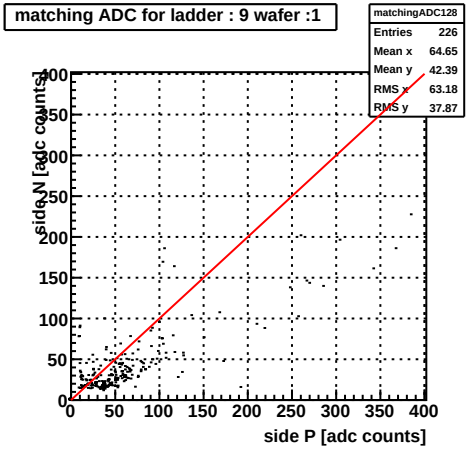

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

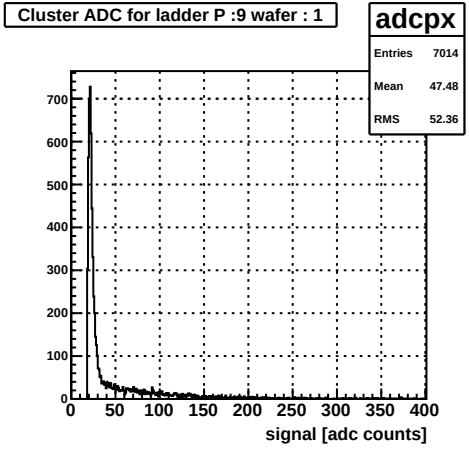

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

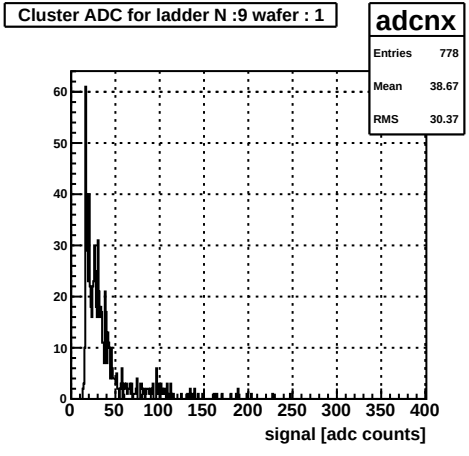

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

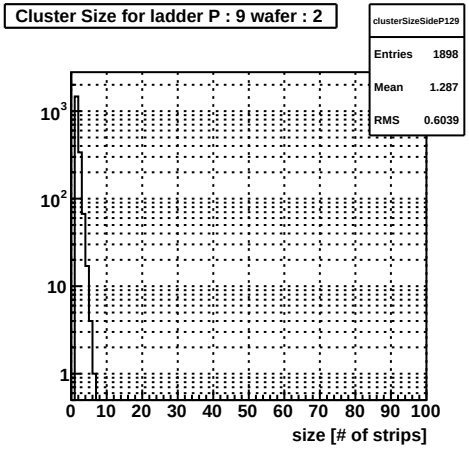

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7014
Mean 1.175
RMS 0.4972
size [# of strips]

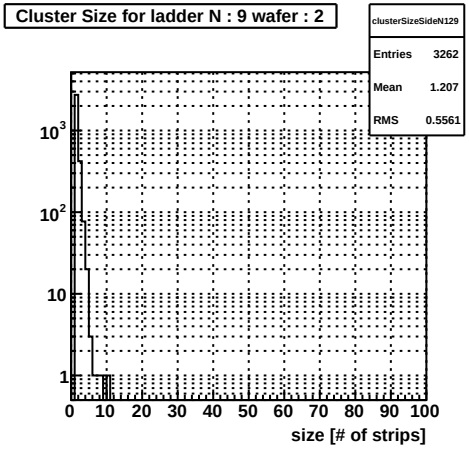

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 778
Mean 1.374
RMS 0.9514
size [# of strips]

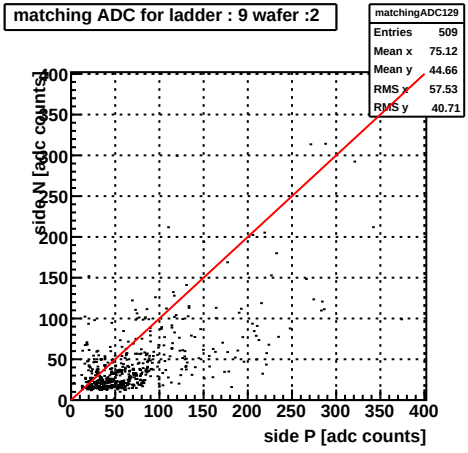

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 226
Mean x 64.65
Mean y 42.39
RMS x 63.18
RMS y 37.87
side N [adc counts]
side P [adc counts]

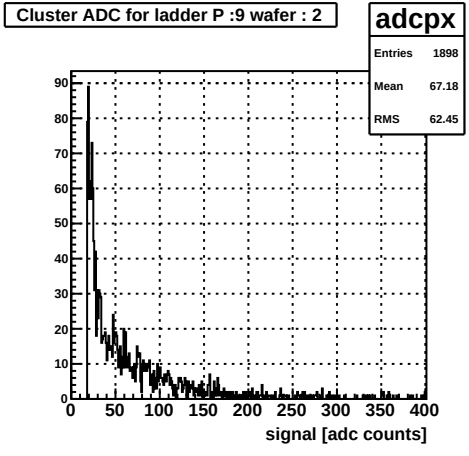

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7014
Mean 47.48
RMS 52.36
signal [adc counts]

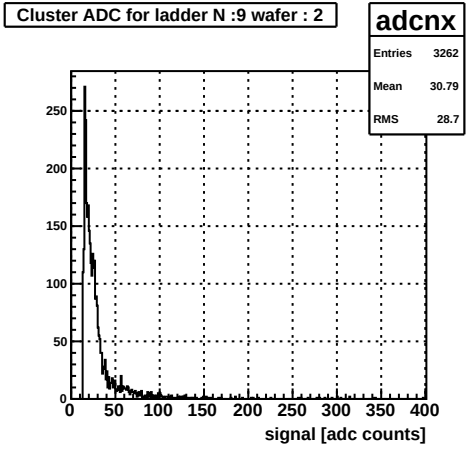

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 778
Mean 38.67
RMS 30.37
signal [adc counts]

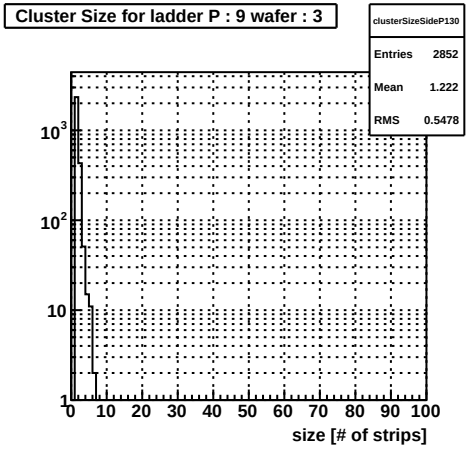

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1898
Mean 1.287
RMS 0.6039
size [# of strips]

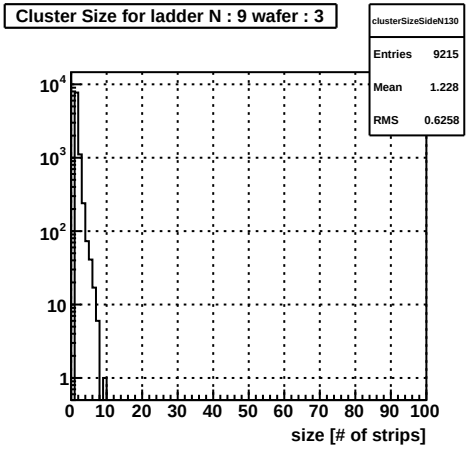

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3262
Mean 1.207
RMS 0.5561
size [# of strips]

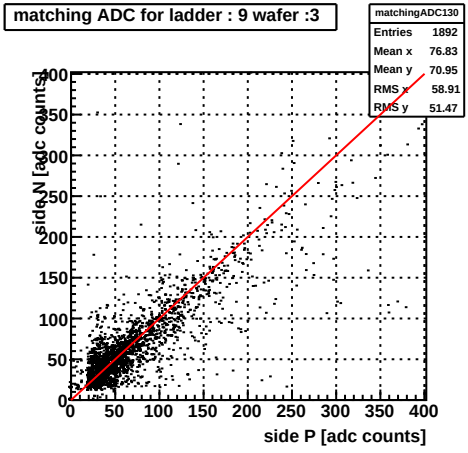

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 509
Mean x 75.12
Mean y 44.66
RMS x 57.53
RMS y 40.71
side N [adc counts]
side P [adc counts]

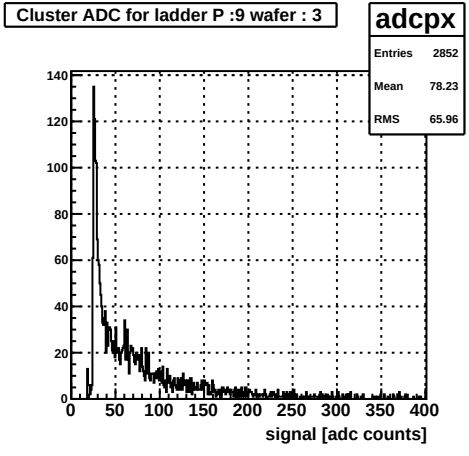

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1898
Mean 67.18
RMS 62.45
signal [adc counts]

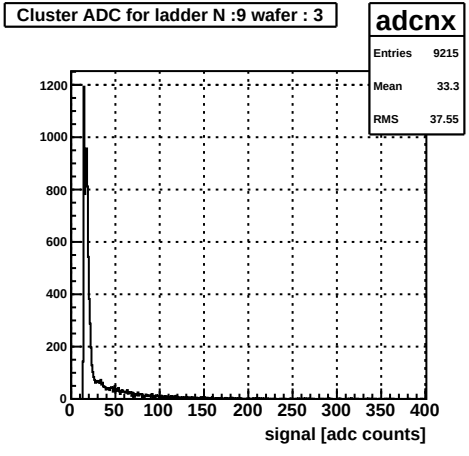

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3262
Mean 30.79
RMS 28.7
signal [adc counts]

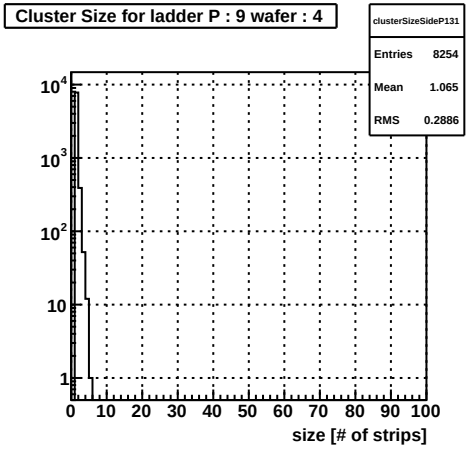

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2852
Mean 1.222
RMS 0.5478
size [# of strips]

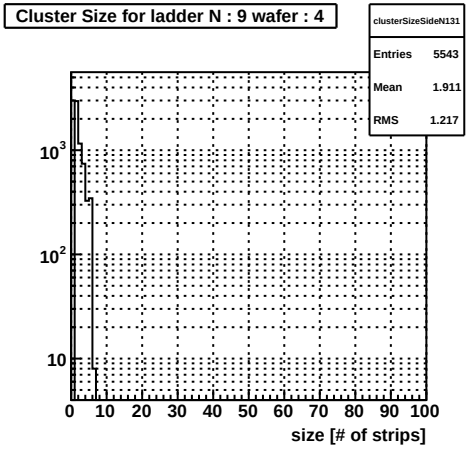

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9215
Mean 1.228
RMS 0.6258
size [# of strips]

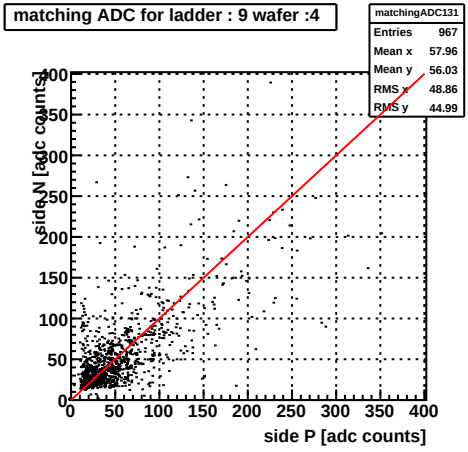

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1892
Mean x 76.83
Mean y 70.95
RMS x 58.91
RMS y 51.47
side N [adc counts]
side P [adc counts]

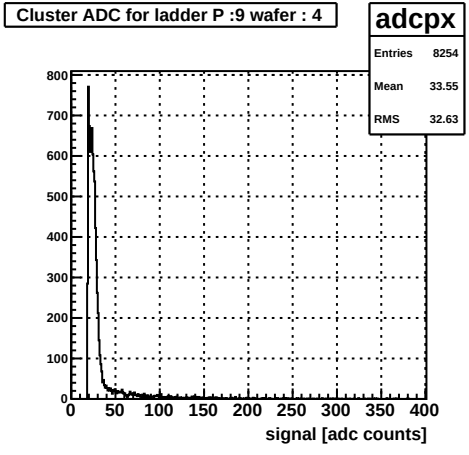

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2852
Mean 78.23
RMS 65.96
signal [adc counts]

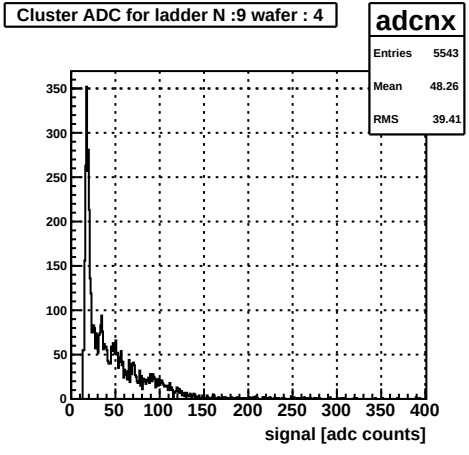

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9215
Mean 33.3
RMS 37.55
signal [adc counts]

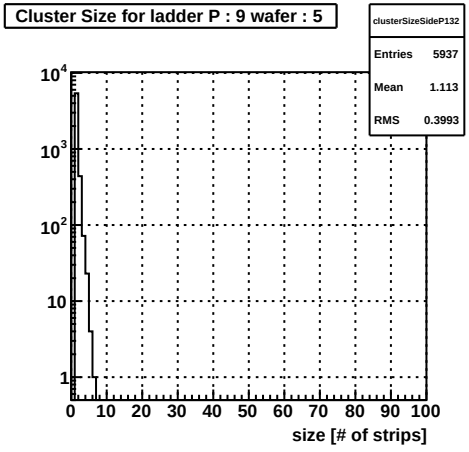

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8254
Mean 1.065
RMS 0.2886
size [# of strips]

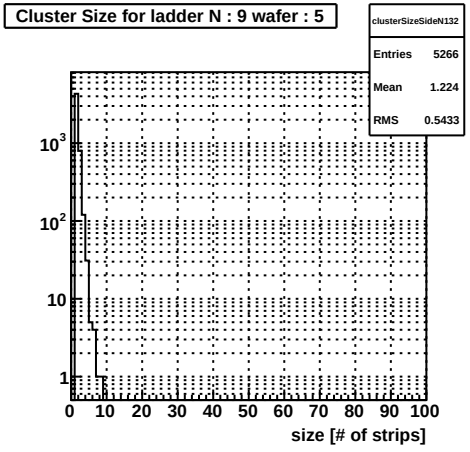

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5543
Mean 1.911
RMS 1.217
size [# of strips]

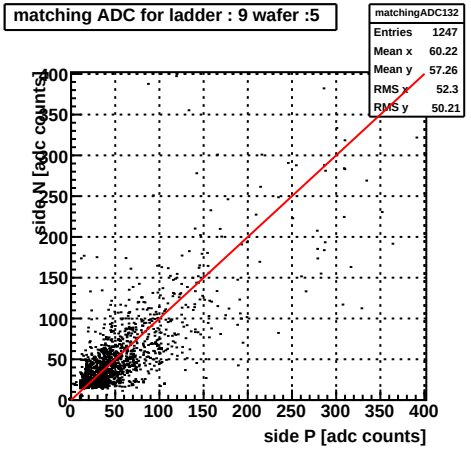

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 967
Mean x 57.96
Mean y 56.03
RMS x 48.86
RMS y 44.99
side N [adc counts]
side P [adc counts]

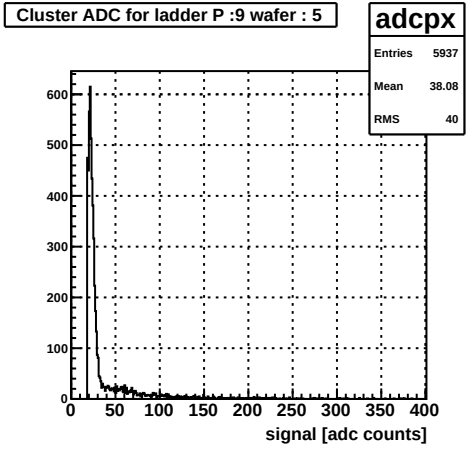

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8254
Mean 33.55
RMS 32.63
signal [adc counts]

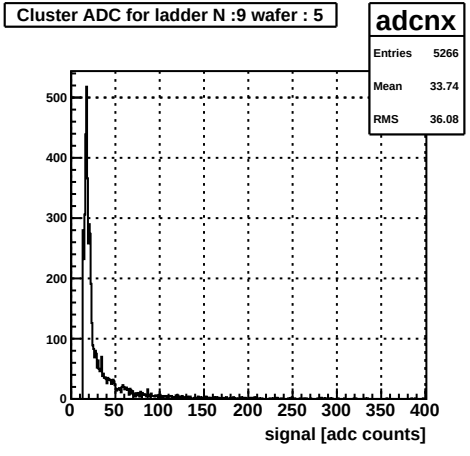

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5543
Mean 48.26
RMS 39.41
signal [adc counts]

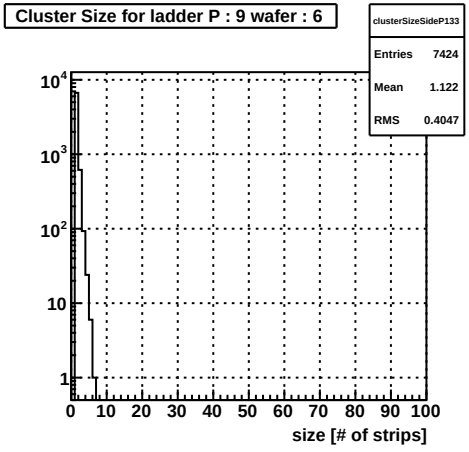

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 5937
Mean 1.113
RMS 0.3993
size [# of strips]

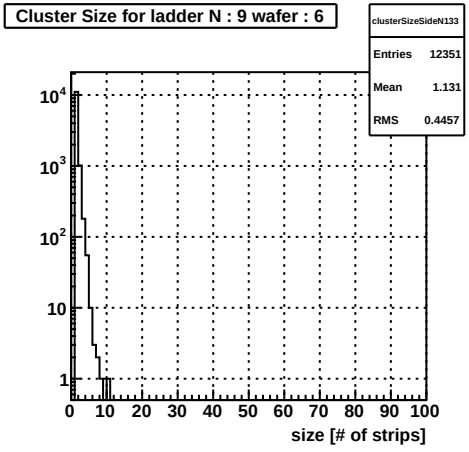

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5266
Mean 1.224
RMS 0.5433
size [# of strips]

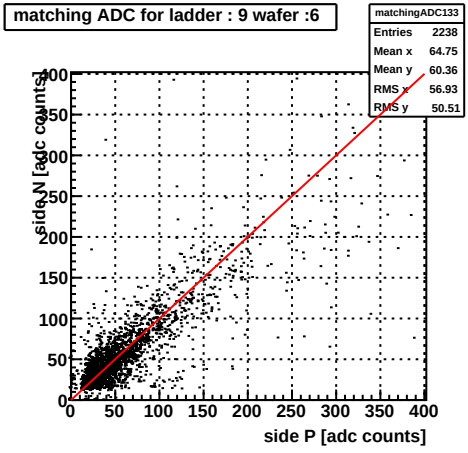

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1247
Mean x 60.22
Mean y 57.26
RMS x 52.3
RMS y 50.21
side N [adc counts]
side P [adc counts]

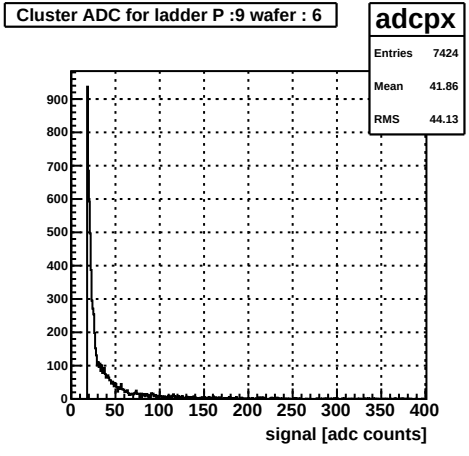

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 5937
Mean 38.08
RMS 40
signal [adc counts]

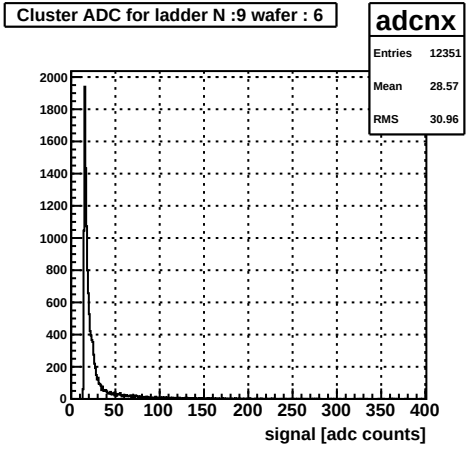

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5266
Mean 33.74
RMS 36.08
signal [adc counts]

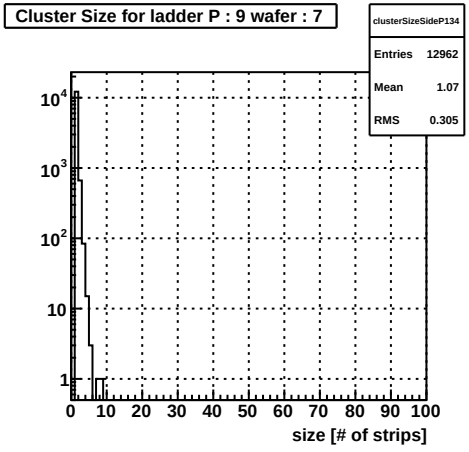

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 7424
Mean 1.122
RMS 0.4047
size [# of strips]

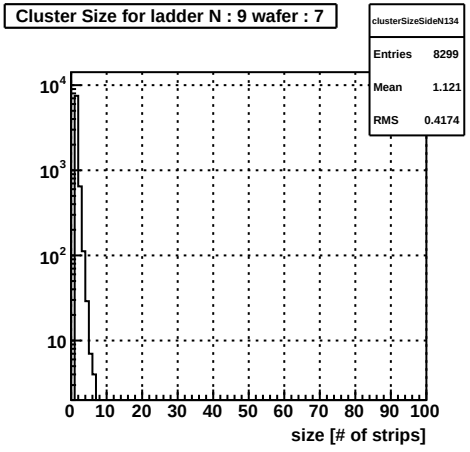

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12351
Mean 1.131
RMS 0.4457
size [# of strips]

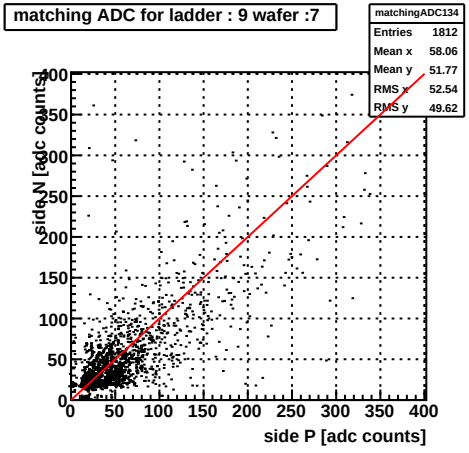

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2238
Mean x 64.75
Mean y 60.36
RMS x 56.93
RMS y 50.51
side N [adc counts]
side P [adc counts]

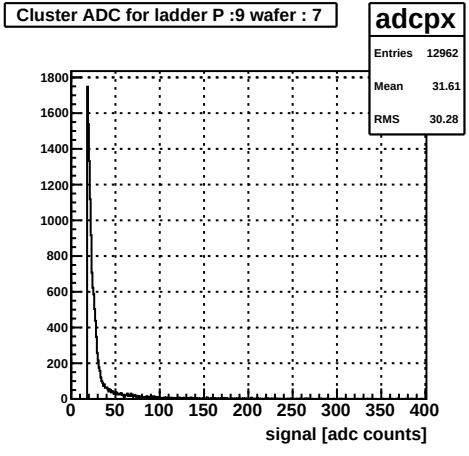

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 7424
Mean 41.86
RMS 44.13
signal [adc counts]

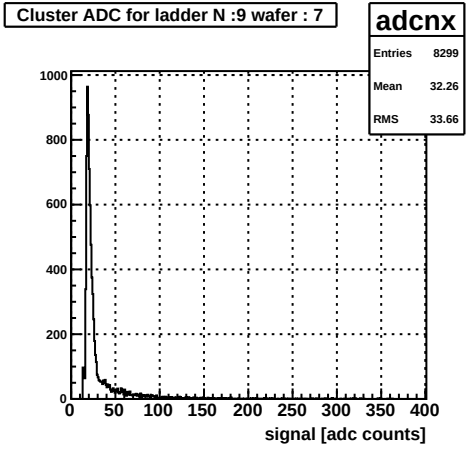

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12351
Mean 28.57
RMS 30.96
signal [adc counts]

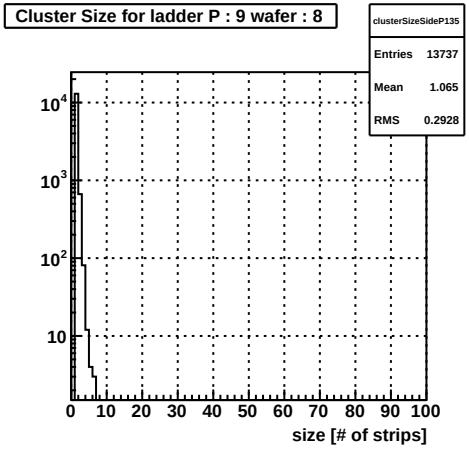

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 12962
Mean 1.07
RMS 0.305
size [# of strips]

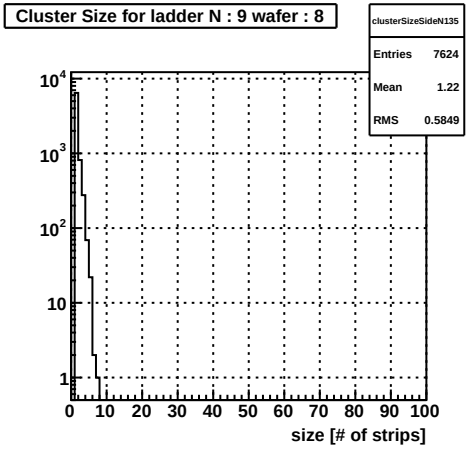

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8299
Mean 1.121
RMS 0.4174
size [# of strips]

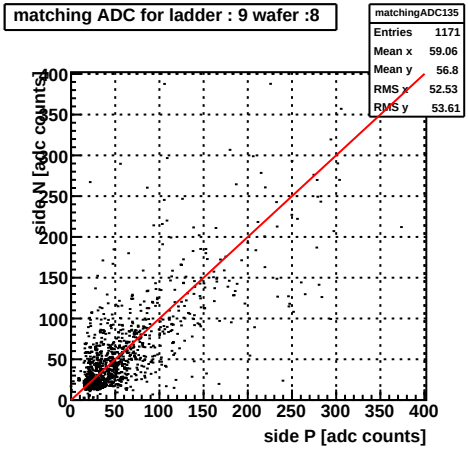

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1812
Mean x 58.06
Mean y 51.77
RMS x 52.54
RMS y 49.62
side N [adc counts]
side P [adc counts]

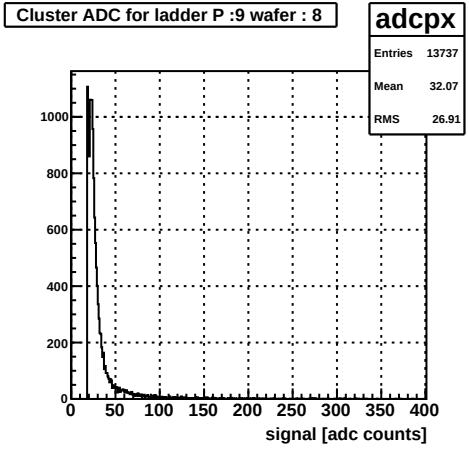

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 12962
Mean 31.61
RMS 30.28
signal [adc counts]

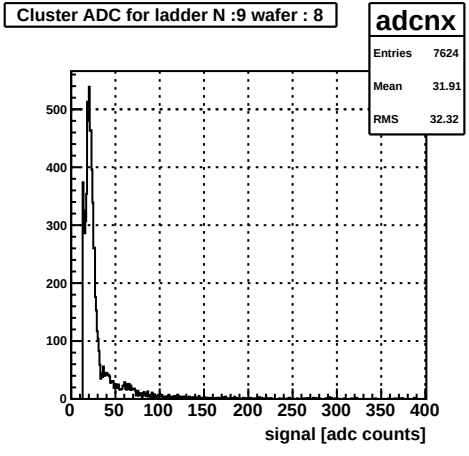

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8299
Mean 32.26
RMS 33.66
signal [adc counts]

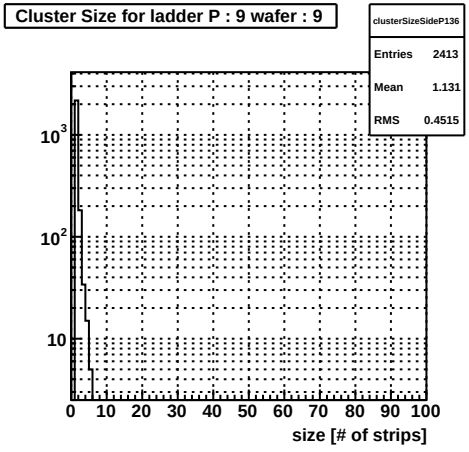

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13737
Mean 1.065
RMS 0.2928
size [# of strips]

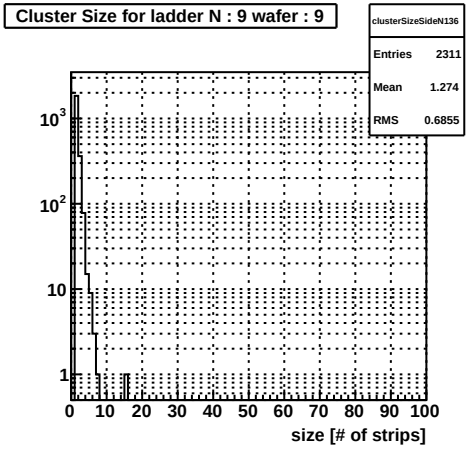

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7624
Mean 1.22
RMS 0.5849
size [# of strips]

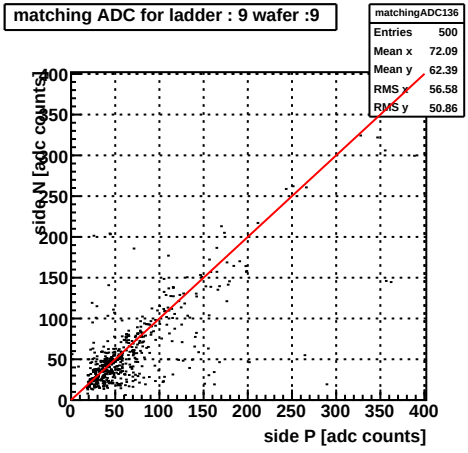

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1171
Mean x 59.06
Mean y 56.8
RMS x 52.53
RMS y 53.61
side N [adc counts]
side P [adc counts]

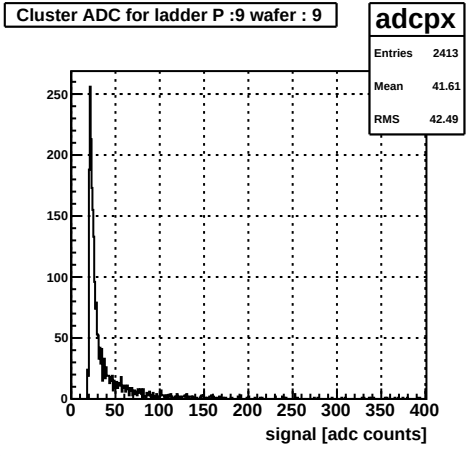

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13737
Mean 32.07
RMS 26.91
signal [adc counts]

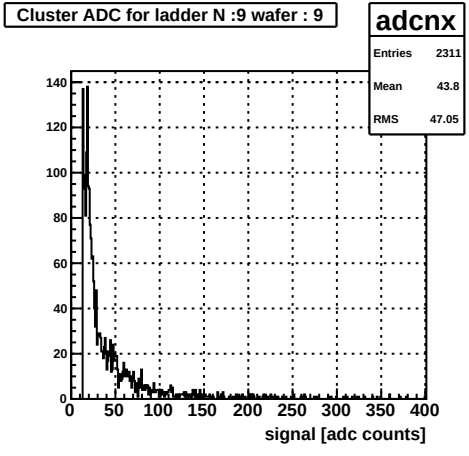

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7624
Mean 31.91
RMS 32.32
signal [adc counts]

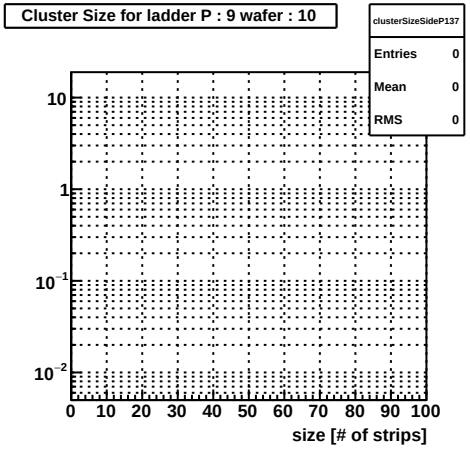

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2413
Mean 1.131
RMS 0.4515
size [# of strips]

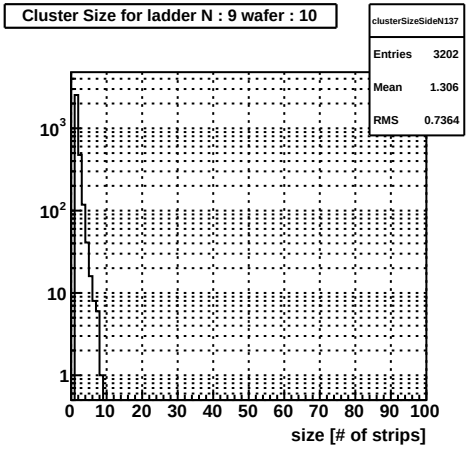

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2311
Mean 1.274
RMS 0.6855
size [# of strips]

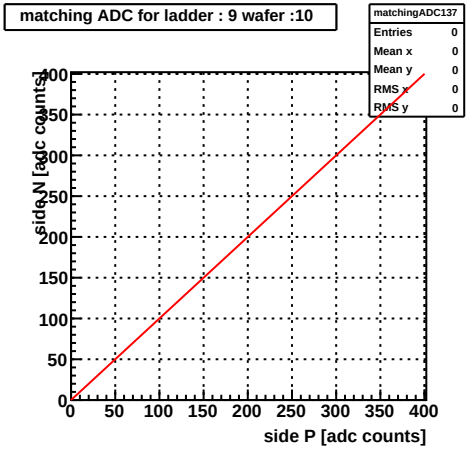

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 500
Mean x 72.09
Mean y 62.39
RMS x 56.58
RMS y 50.86
side N [adc counts]
side P [adc counts]

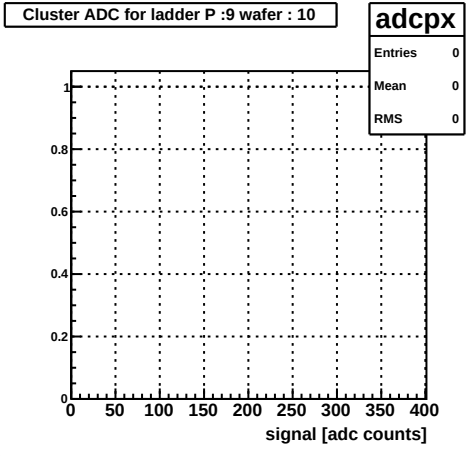

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2413
Mean 41.61
RMS 42.49
signal [adc counts]

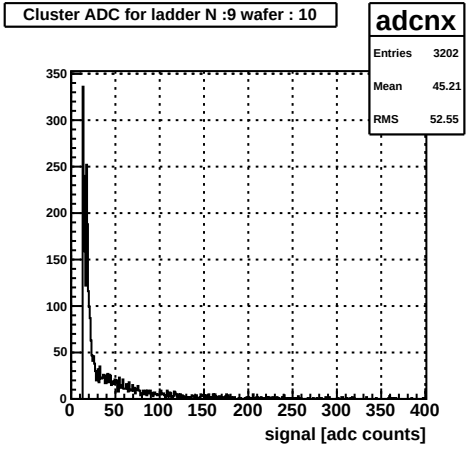

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2311
Mean 43.8
RMS 47.05
signal [adc counts]

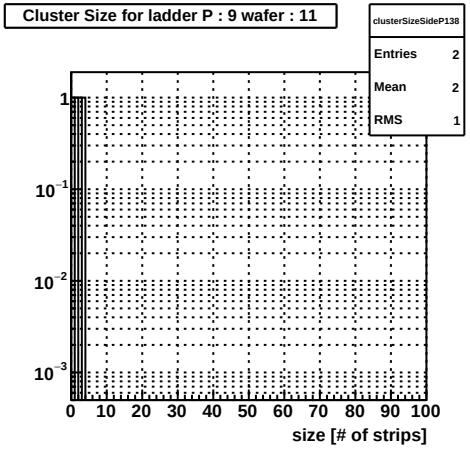

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

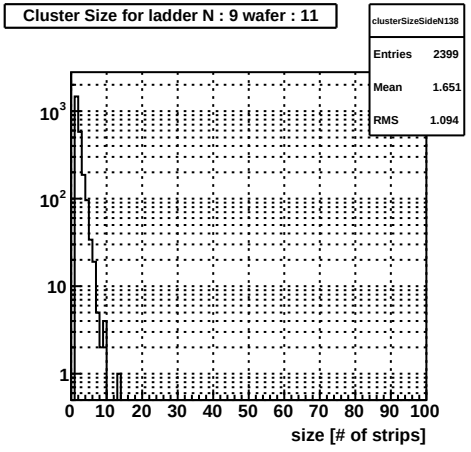

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3202
Mean 1.306
RMS 0.7364
size [# of strips]

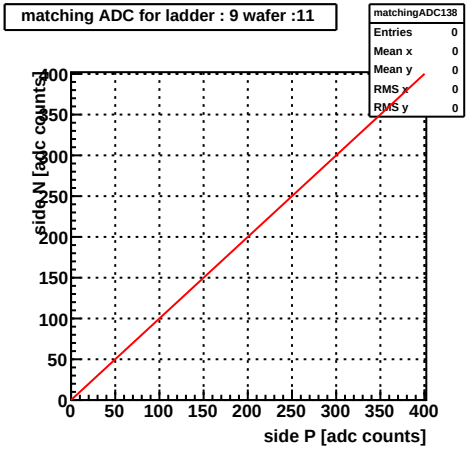

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

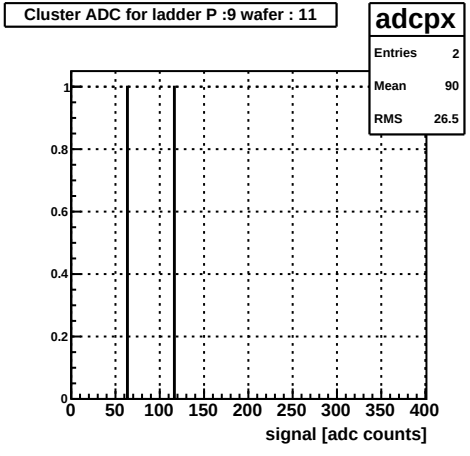

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

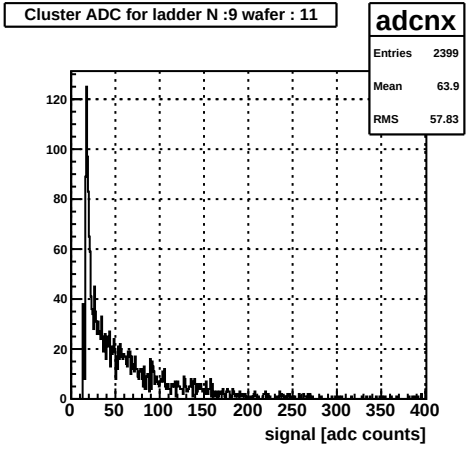

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3202
Mean 45.21
RMS 52.55
signal [adc counts]

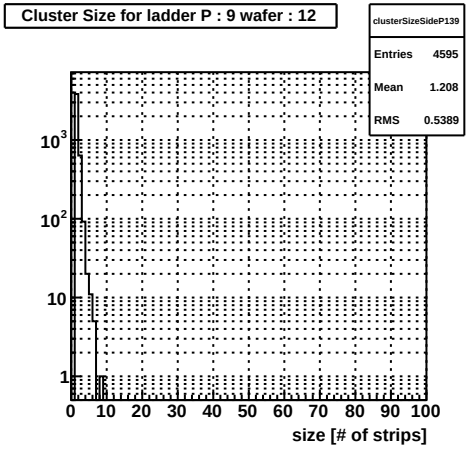

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 2
RMS 1
size [# of strips]

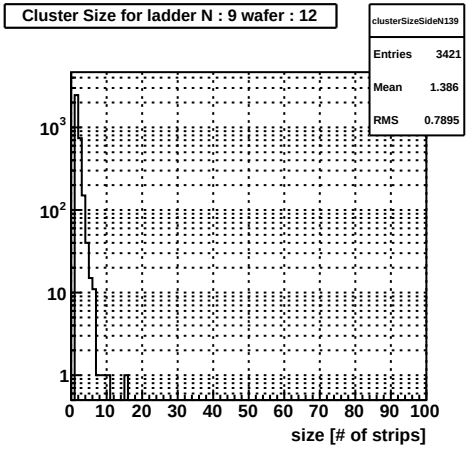

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2399
Mean 1.651
RMS 1.094
size [# of strips]

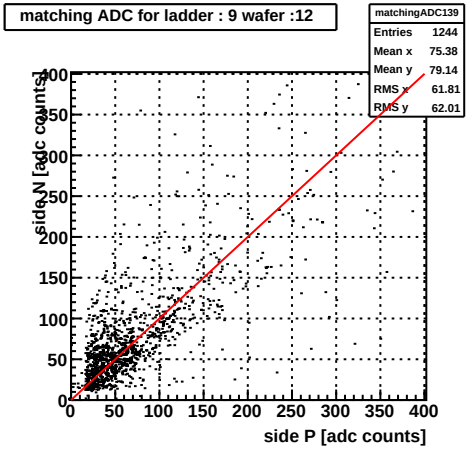

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

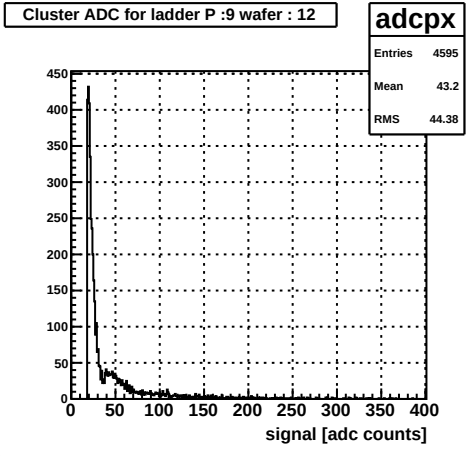

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 90
RMS 26.5
signal [adc counts]

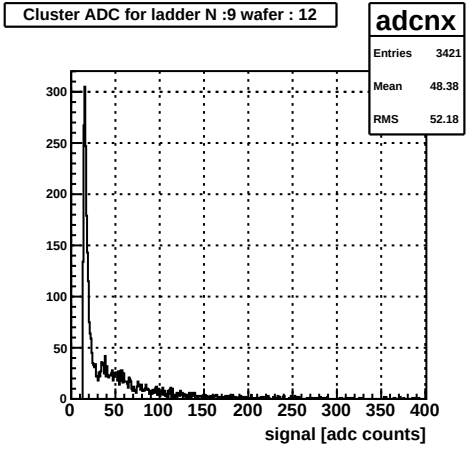

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2399
Mean 63.9
RMS 57.83
signal [adc counts]

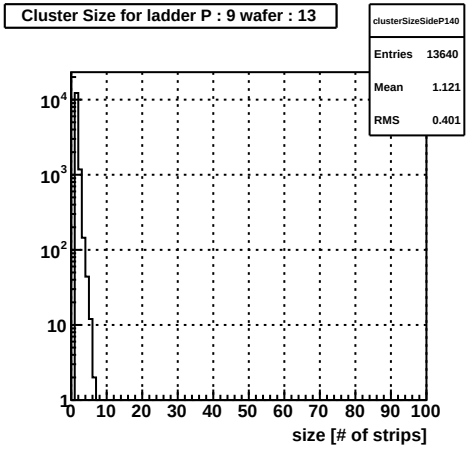

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4595
Mean 1.208
RMS 0.5389
size [# of strips]

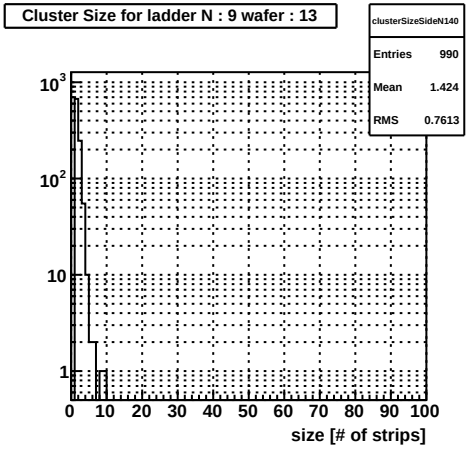

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3421
Mean 1.386
RMS 0.7895
size [# of strips]

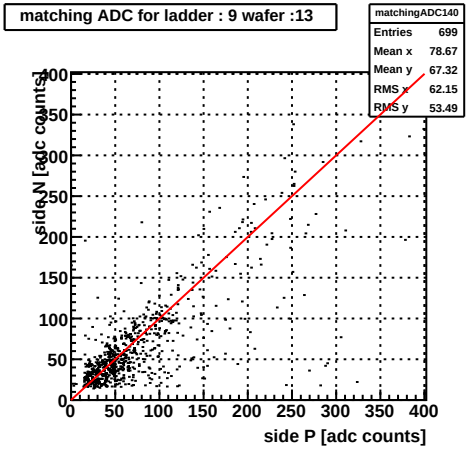

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1244
Mean x 75.38
Mean y 79.14
RMS x 61.81
RMS y 62.01
side N [adc counts]
side P [adc counts]

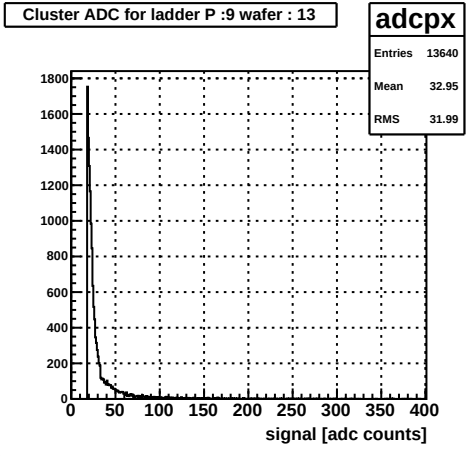

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4595
Mean 43.2
RMS 44.38
signal [adc counts]

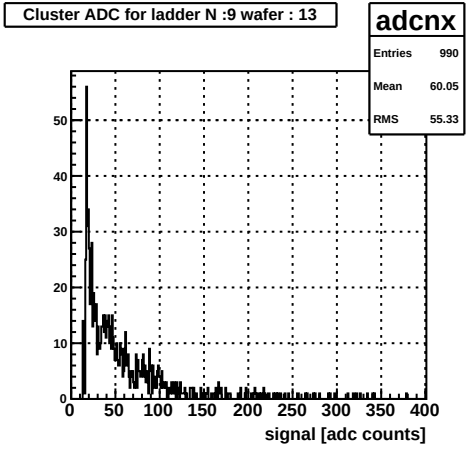

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3421
Mean 48.38
RMS 52.18
signal [adc counts]

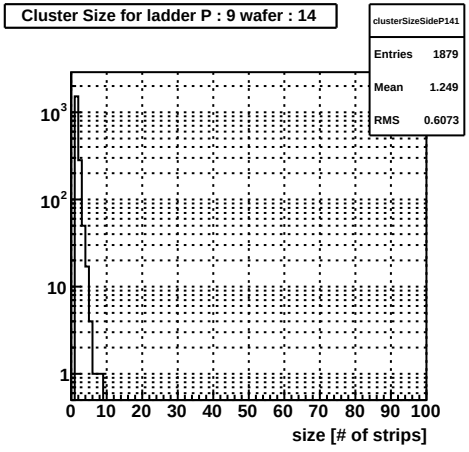

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13640
Mean 1.121
RMS 0.401
size [# of strips]

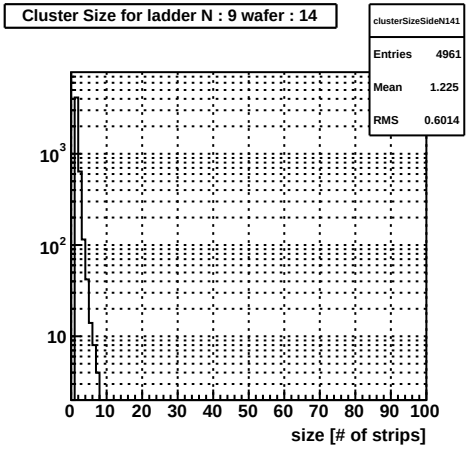

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 990
Mean 1.424
RMS 0.7613
size [# of strips]

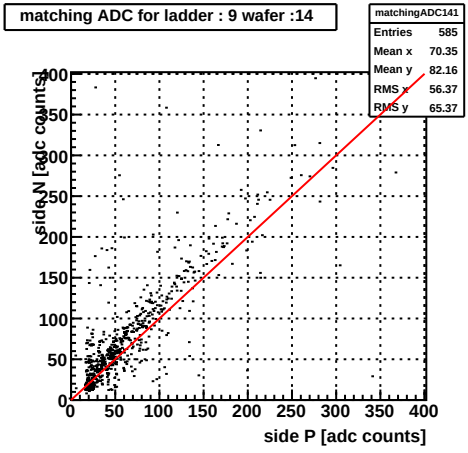

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 699
Mean x 78.67
Mean y 67.32
RMS x 62.15
RMS y 53.49
side N [adc counts]
side P [adc counts]

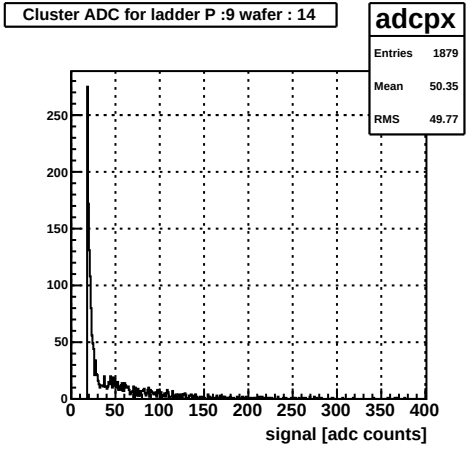

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13640
Mean 32.95
RMS 31.99
signal [adc counts]

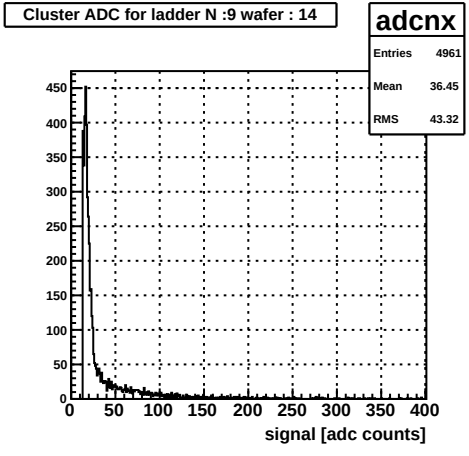

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 990
Mean 60.05
RMS 55.33
signal [adc counts]

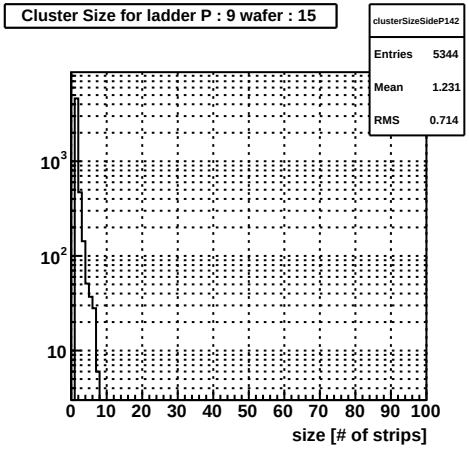

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1879
Mean 1.249
RMS 0.6073
size [# of strips]

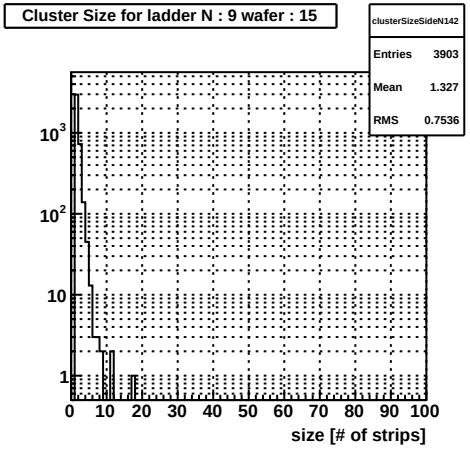

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4961
Mean 1.225
RMS 0.6014
size [# of strips]

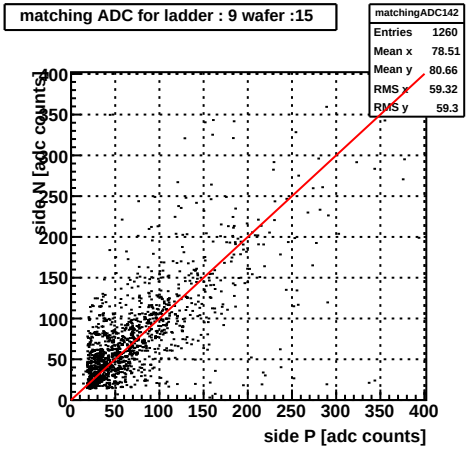

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 585
Mean x 70.35
Mean y 82.16
RMS x 56.37
RMS y 65.37
side N [adc counts]
side P [adc counts]

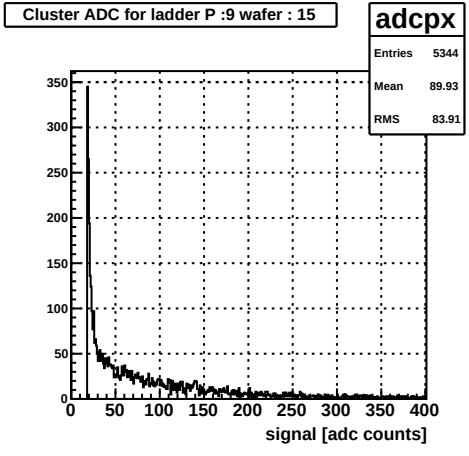

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1879
Mean 50.35
RMS 49.77
signal [adc counts]

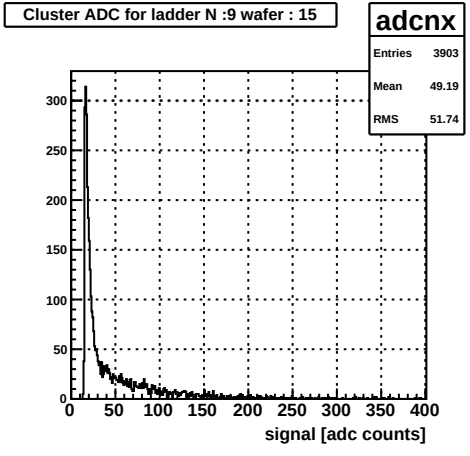

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4961
Mean 36.45
RMS 43.32
signal [adc counts]

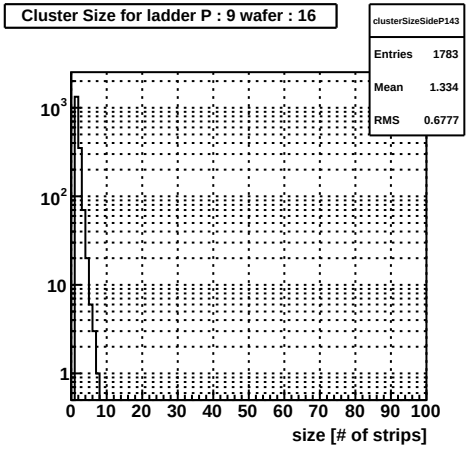

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5344
Mean 1.231
RMS 0.714
size [# of strips]

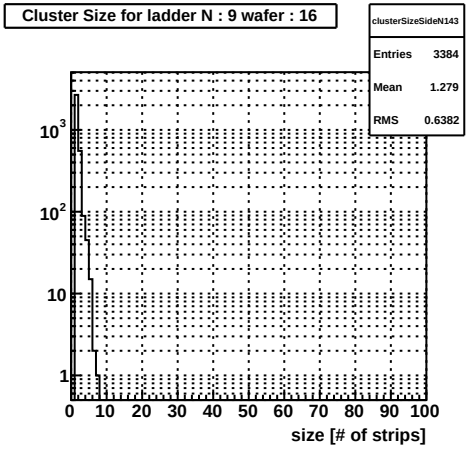

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3903
Mean 1.327
RMS 0.7536
size [# of strips]

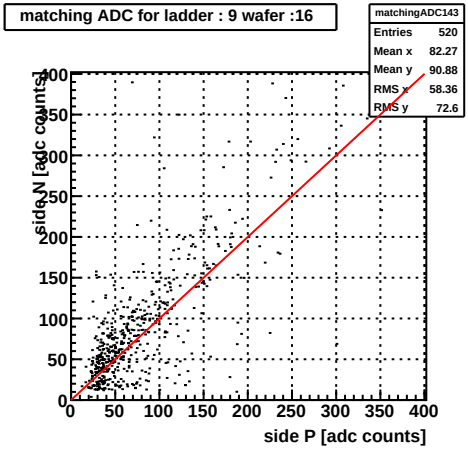

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1260
Mean x 78.51
Mean y 80.66
RMS x 59.32
RMS y 59.3
side N [adc counts]
side P [adc counts]

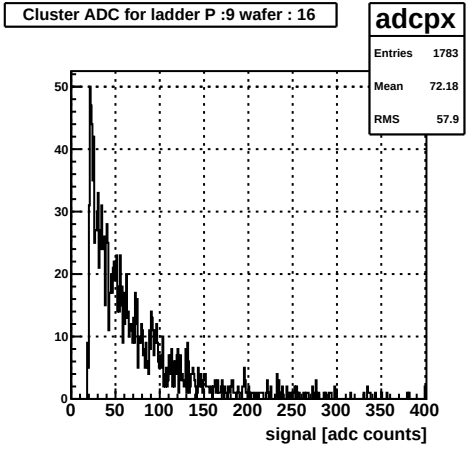

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5344
Mean 89.93
RMS 83.91
signal [adc counts]

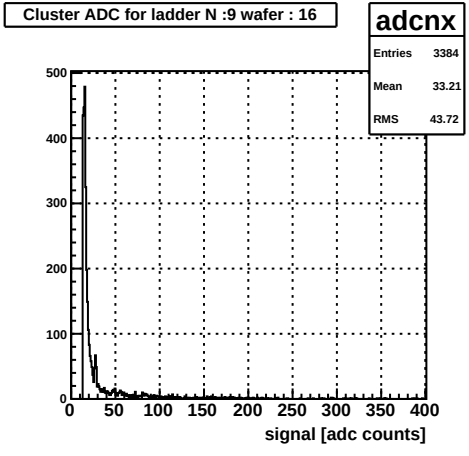

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3903
Mean 49.19
RMS 51.74
signal [adc counts]

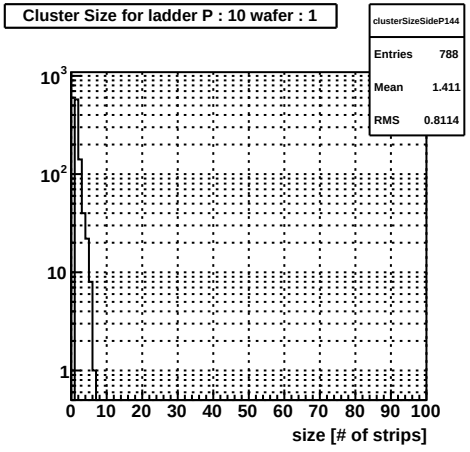

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1783
Mean 1.334
RMS 0.6777
size [# of strips]

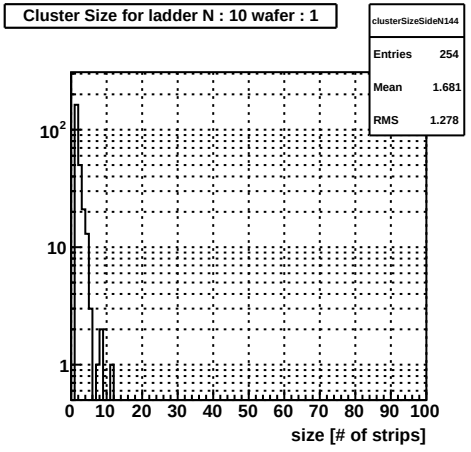

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3384
Mean 1.279
RMS 0.6382
size [# of strips]

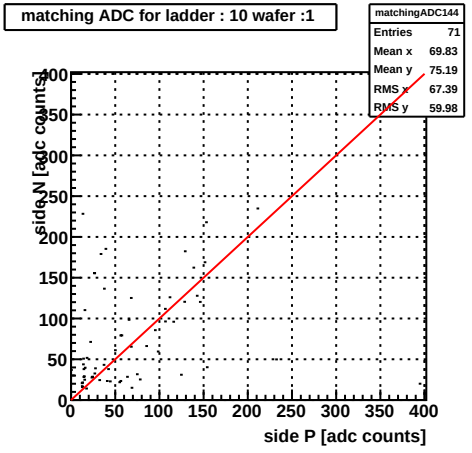

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 520
Mean x 82.27
Mean y 90.88
RMS x 58.36
RMS y 72.6
side N [adc counts]
side P [adc counts]

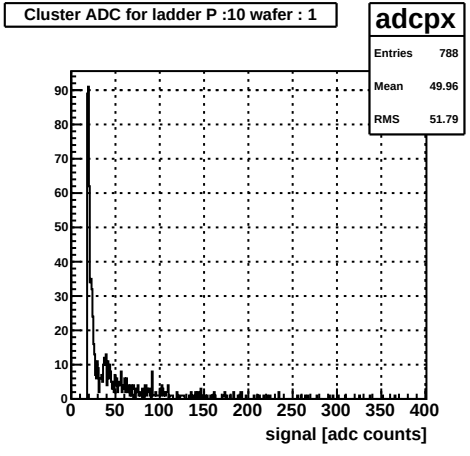

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1783
Mean 72.18
RMS 57.9
signal [adc counts]

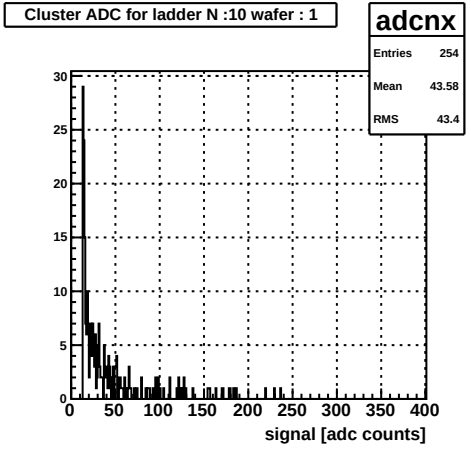

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3384
Mean 33.21
RMS 43.72
signal [adc counts]

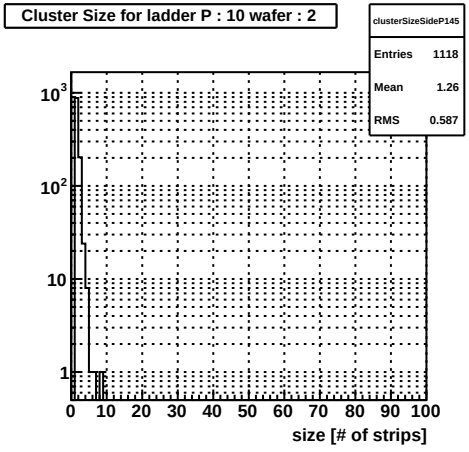

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 788
Mean 1.411
RMS 0.8114
size [# of strips]

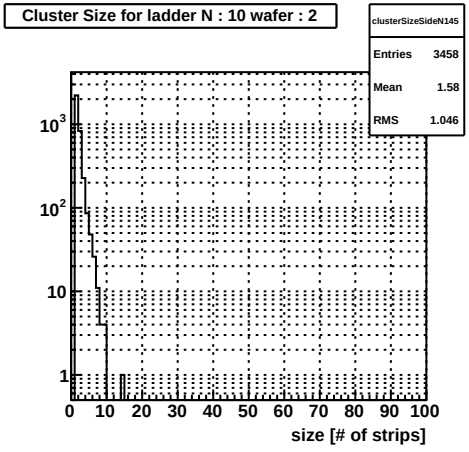

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 254
Mean 1.681
RMS 1.278
size [# of strips]

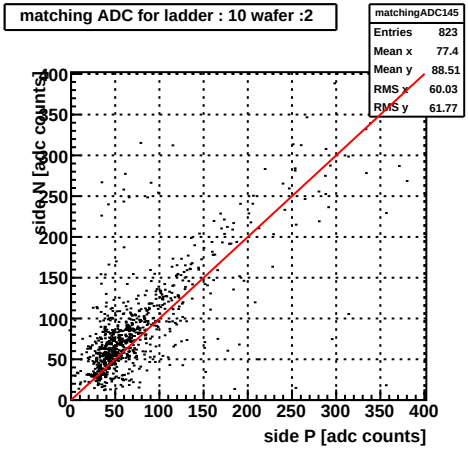

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 71
Mean x 69.83
Mean y 75.19
RMS x 67.39
RMS y 59.98
side N [adc counts]
side P [adc counts]

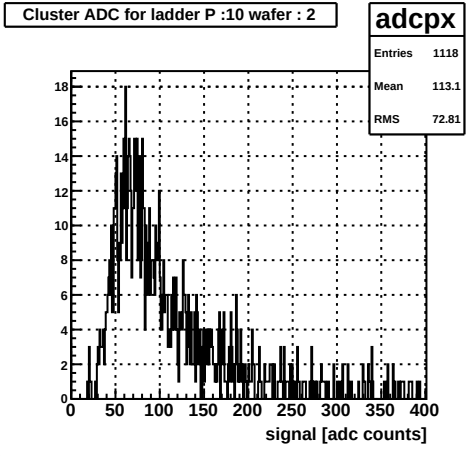

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 788
Mean 49.96
RMS 51.79
signal [adc counts]

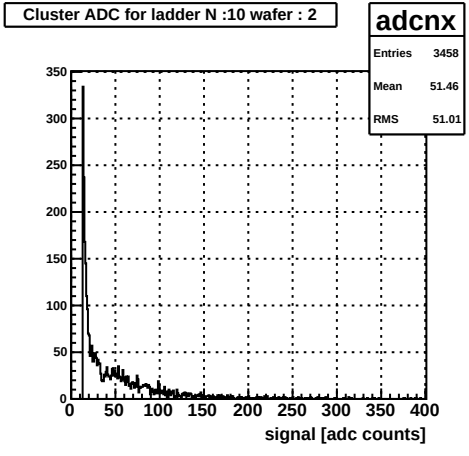

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 254
Mean 43.58
RMS 43.4
signal [adc counts]

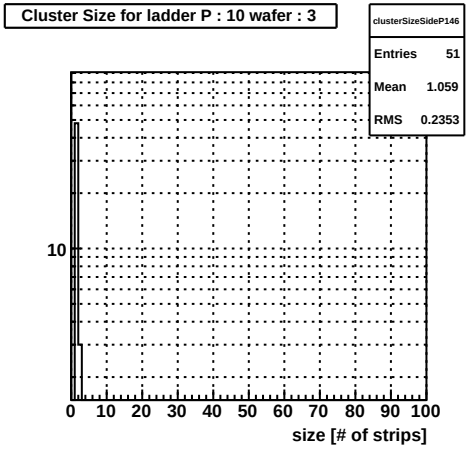

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1118
Mean 1.26
RMS 0.587
size [# of strips]

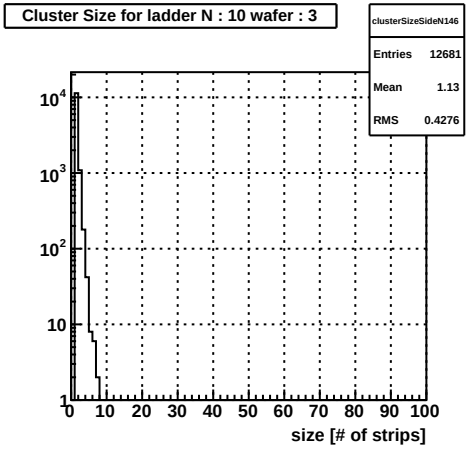

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3458
Mean 1.58
RMS 1.046
size [# of strips]

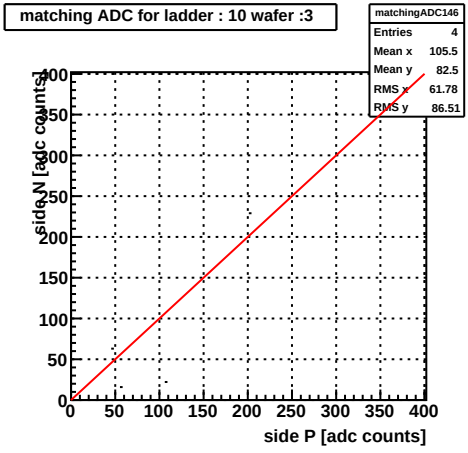

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 823
Mean x 77.4
Mean y 88.51
RMS x 60.03
RMS y 61.77
side N [adc counts]
side P [adc counts]

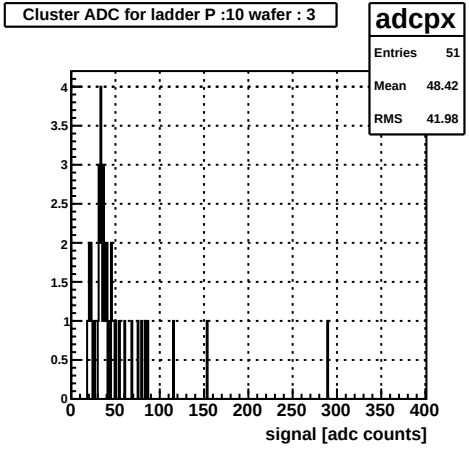

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1118
Mean 113.1
RMS 72.81
signal [adc counts]

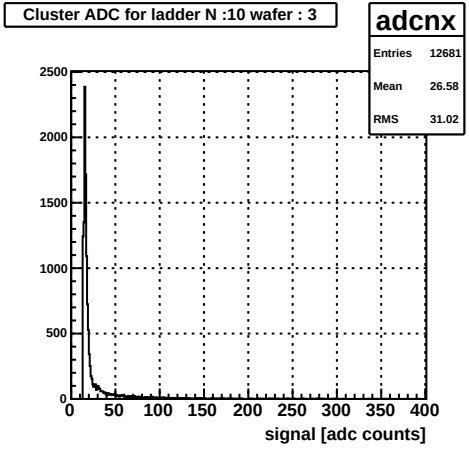

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3458
Mean 51.46
RMS 51.01
signal [adc counts]

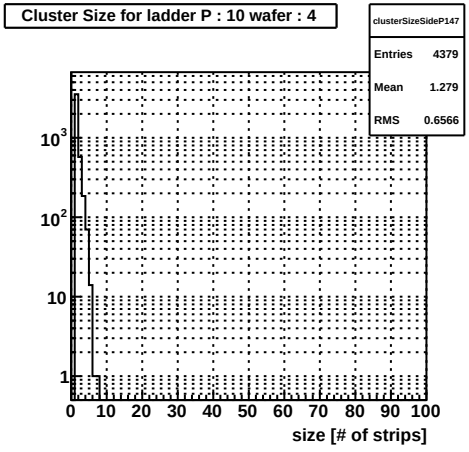

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 51
Mean 1.059
RMS 0.2353
size [# of strips]

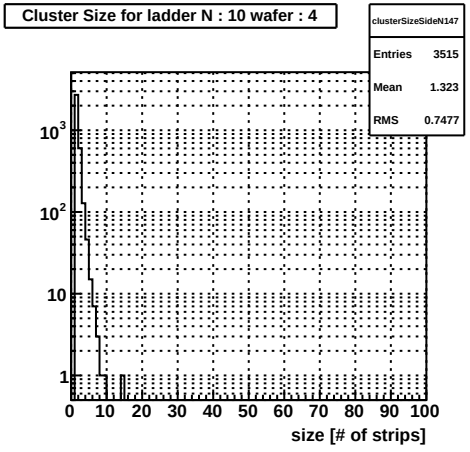

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12681
Mean 1.13
RMS 0.4276
size [# of strips]

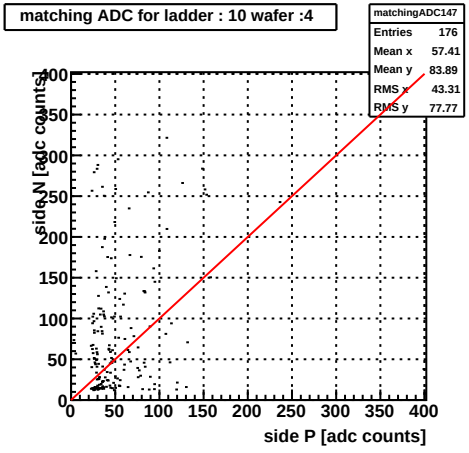

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 105.5
Mean y 82.5
RMS x 61.78
RMS y 86.51
side N [adc counts]
side P [adc counts]

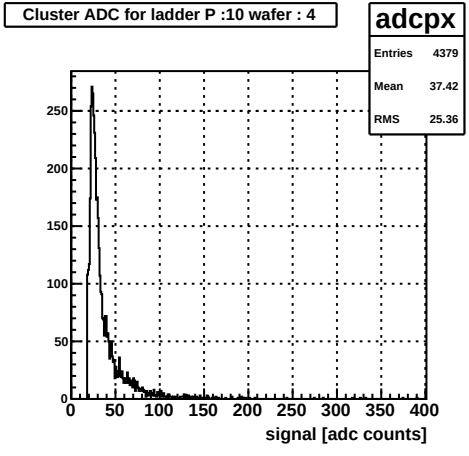

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 51
Mean 48.42
RMS 41.98
signal [adc counts]

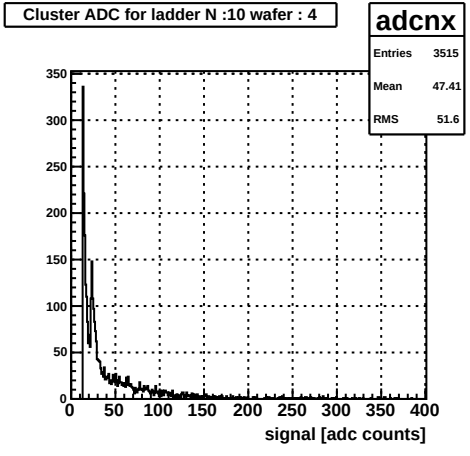

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12681
Mean 26.58
RMS 31.02
signal [adc counts]

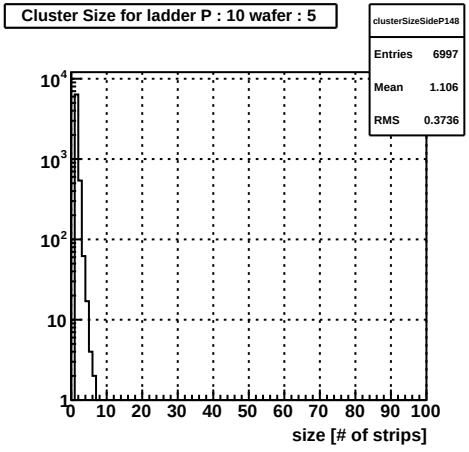

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4379
Mean 1.279
RMS 0.6566
size [# of strips]

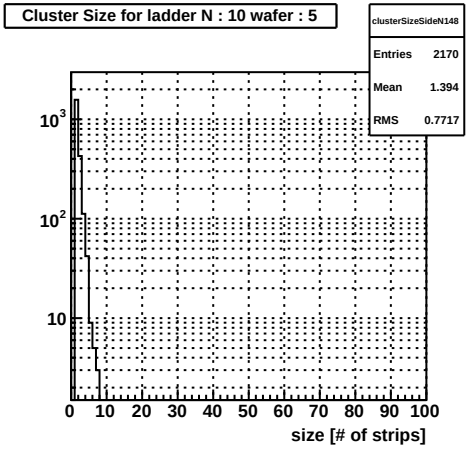

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3515
Mean 1.323
RMS 0.7477
size [# of strips]

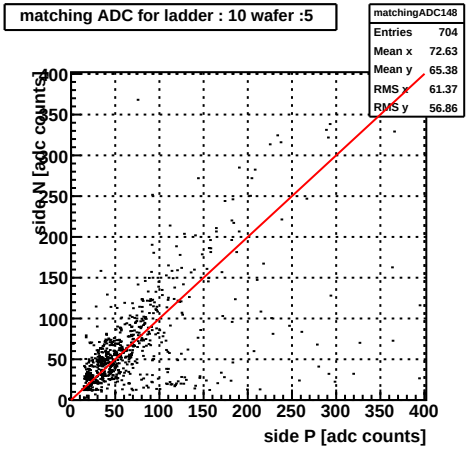

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 176
Mean x 57.41
Mean y 83.89
RMS x 43.31
RMS y 77.77
side N [adc counts]
side P [adc counts]

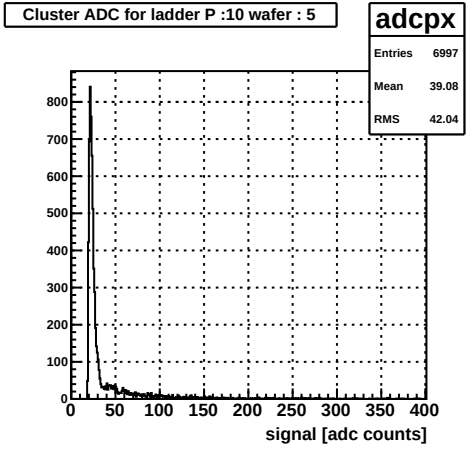

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4379
Mean 37.42
RMS 25.36
signal [adc counts]

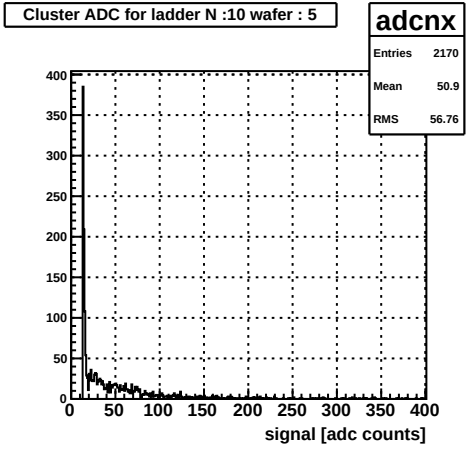

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3515
Mean 47.41
RMS 51.6
signal [adc counts]

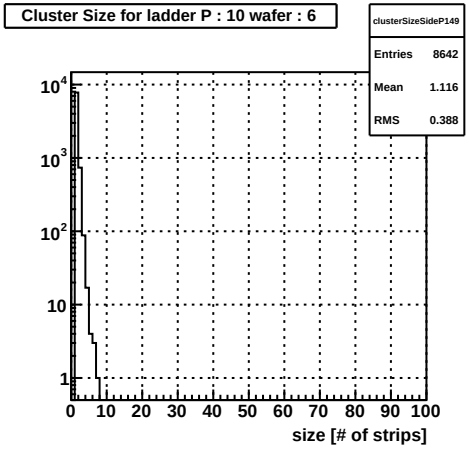

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6997
Mean 1.106
RMS 0.3736
size [# of strips]

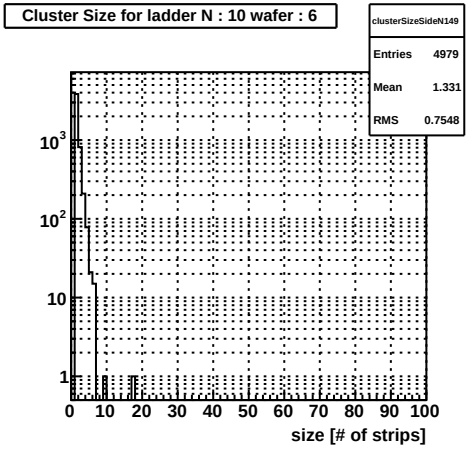

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2170
Mean 1.394
RMS 0.7717
size [# of strips]

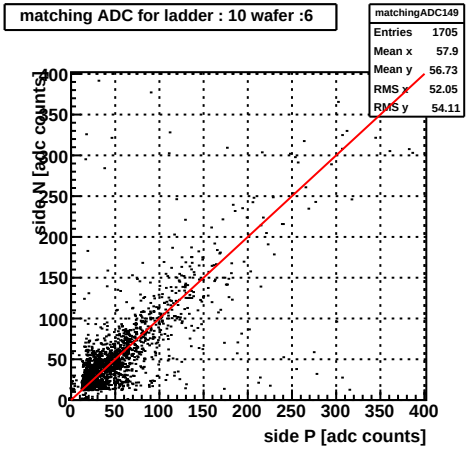

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 704
Mean x 72.63
Mean y 65.38
RMS x 61.37
RMS y 56.86
side N [adc counts]
side P [adc counts]

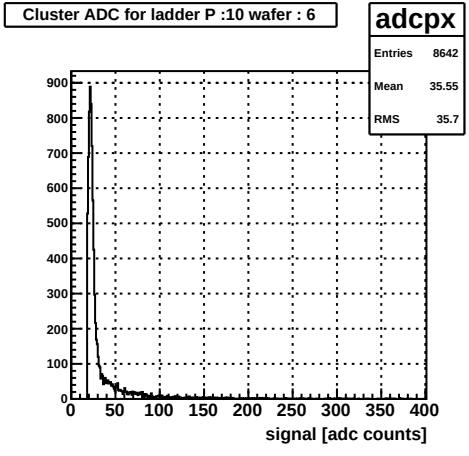

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6997
Mean 39.08
RMS 42.04
signal [adc counts]

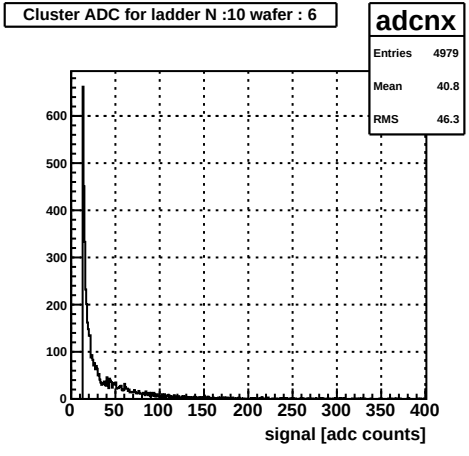

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2170
Mean 50.9
RMS 56.76
signal [adc counts]

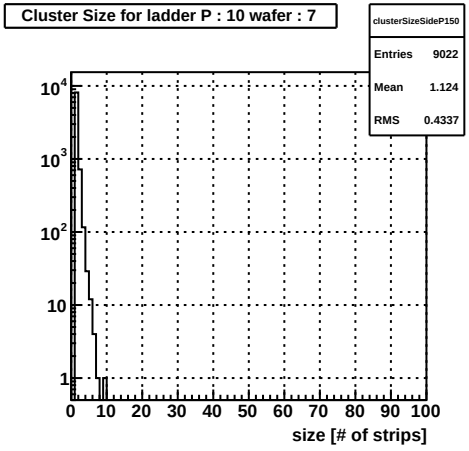

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8642
Mean 1.116
RMS 0.388
size [# of strips]

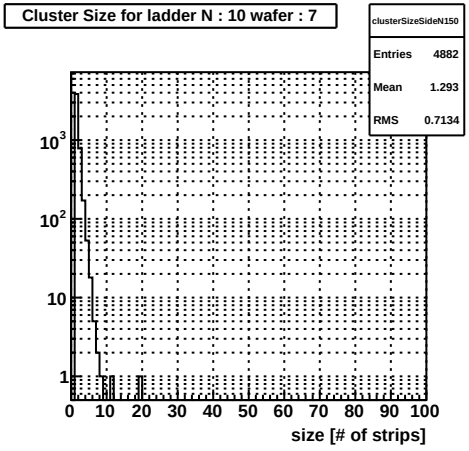

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4979
Mean 1.331
RMS 0.7548
size [# of strips]

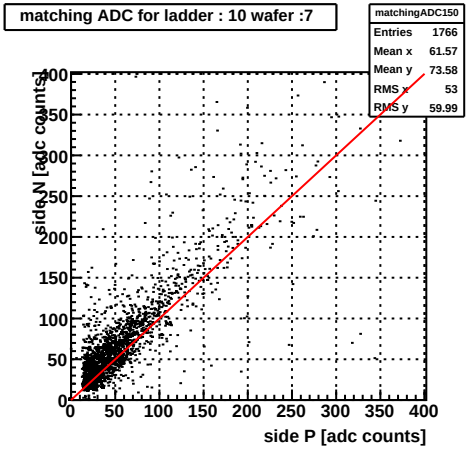

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1705
Mean x 57.9
Mean y 56.73
RMS x 52.05
RMS y 54.11
side N [adc counts]
side P [adc counts]

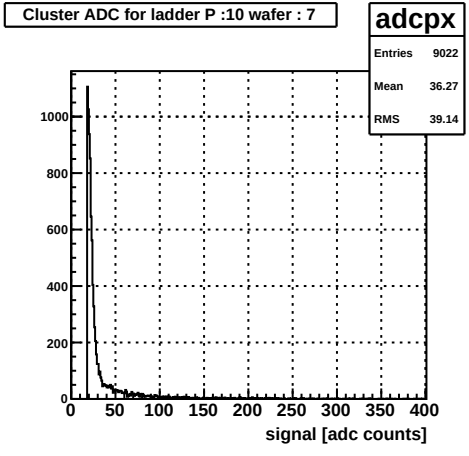

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8642
Mean 35.55
RMS 35.7
signal [adc counts]

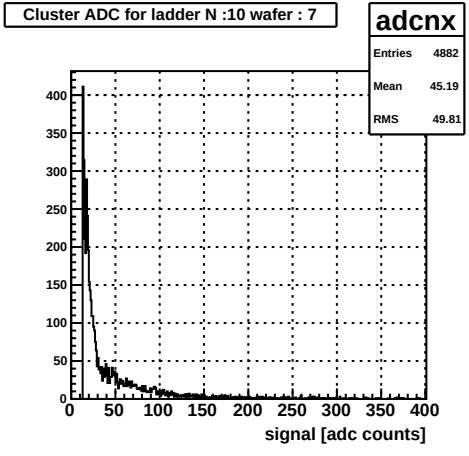

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4979
Mean 40.8
RMS 46.3
signal [adc counts]

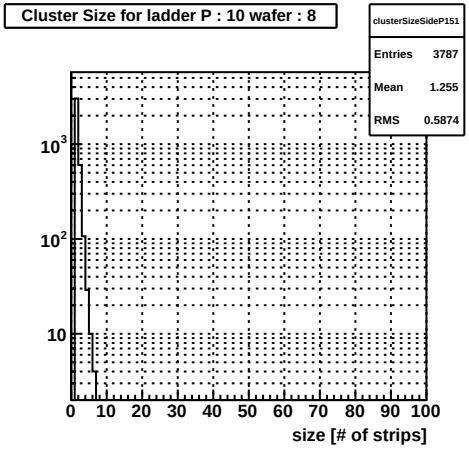

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9022
Mean 1.124
RMS 0.4337
size [# of strips]

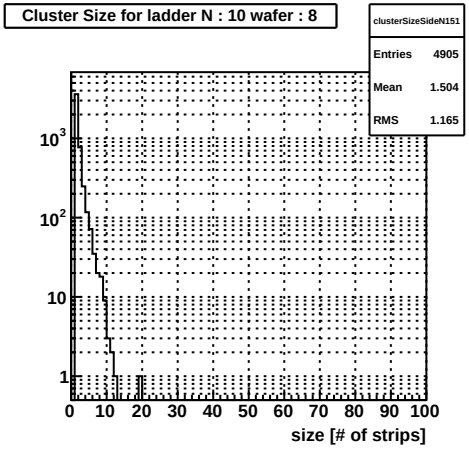

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4882
Mean 1.293
RMS 0.7134
size [# of strips]

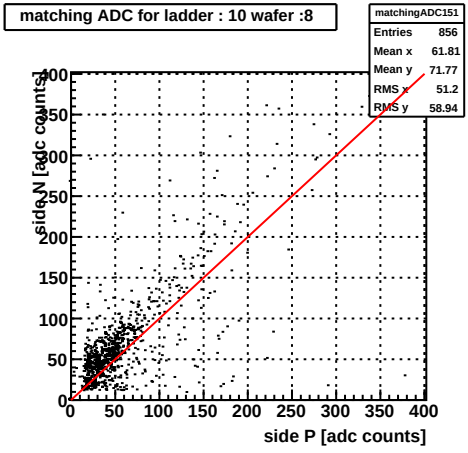

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1766
Mean x 61.57
Mean y 73.58
RMS x 53
RMS y 59.99
side N [adc counts]
side P [adc counts]

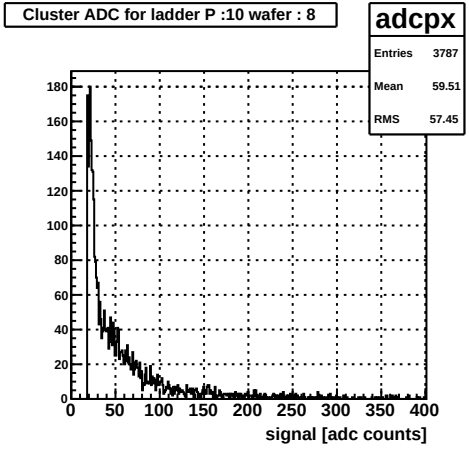

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9022
Mean 36.27
RMS 39.14
signal [adc counts]

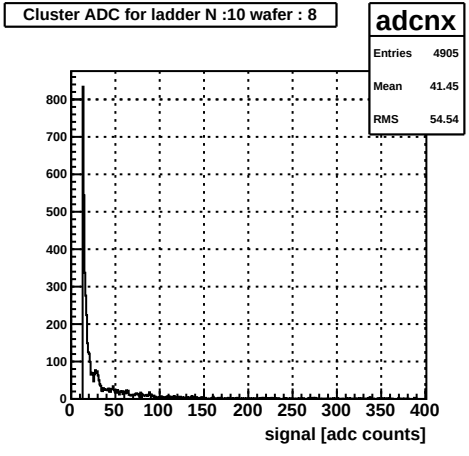

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4882
Mean 45.19
RMS 49.81
signal [adc counts]

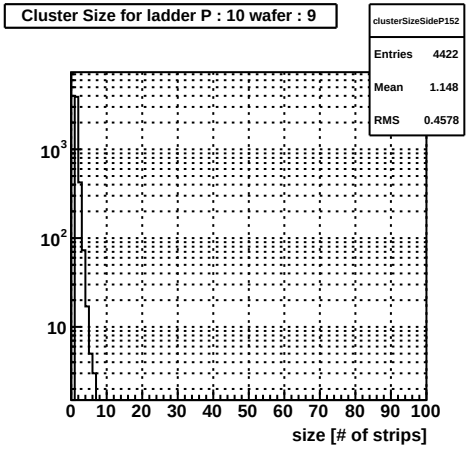

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3787
Mean 1.255
RMS 0.5874
size [# of strips]

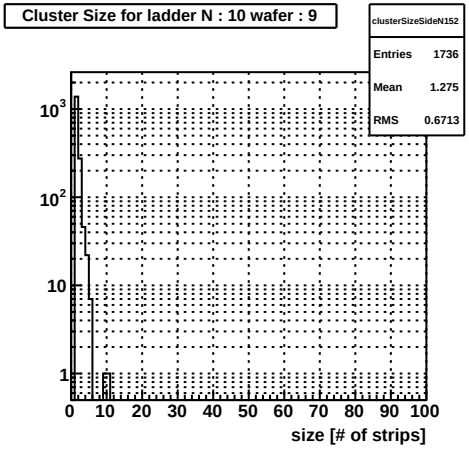

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4905
Mean 1.504
RMS 1.165
size [# of strips]

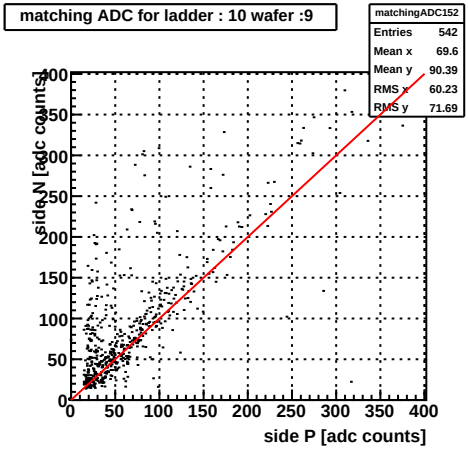

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 856
Mean x 61.81
Mean y 71.77
RMS x 51.2
RMS y 58.94
side N [adc counts]
side P [adc counts]

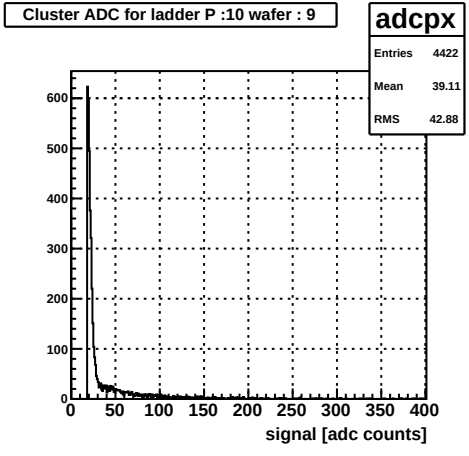

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3787
Mean 59.51
RMS 57.45
signal [adc counts]

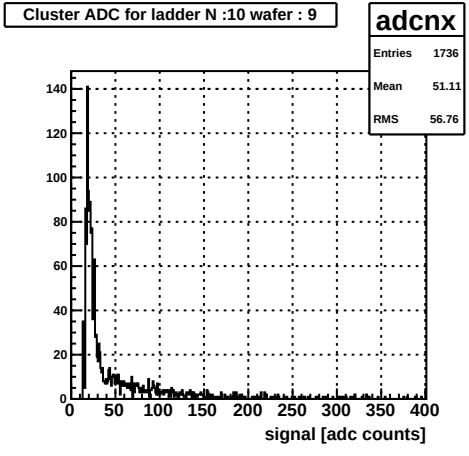

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4905
Mean 41.45
RMS 54.54
signal [adc counts]

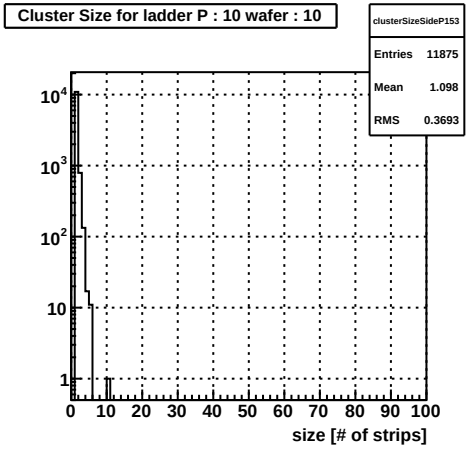

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4422
Mean 1.148
RMS 0.4578
size [# of strips]

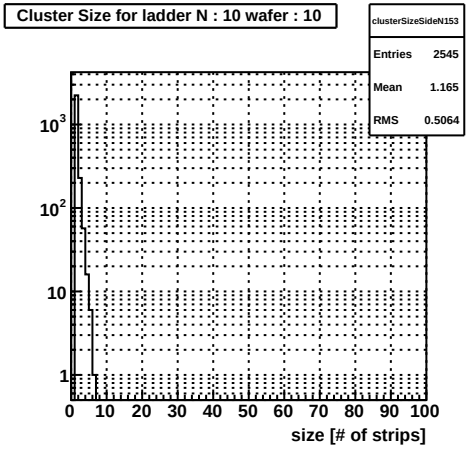

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1736
Mean 1.275
RMS 0.6713
size [# of strips]

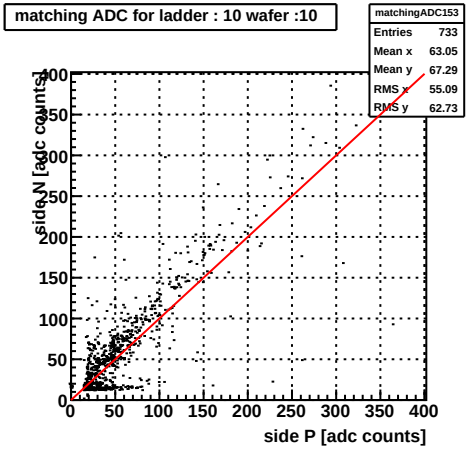

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 542
Mean x 69.6
Mean y 90.39
RMS x 60.23
RMS y 71.69
side N [adc counts]
side P [adc counts]

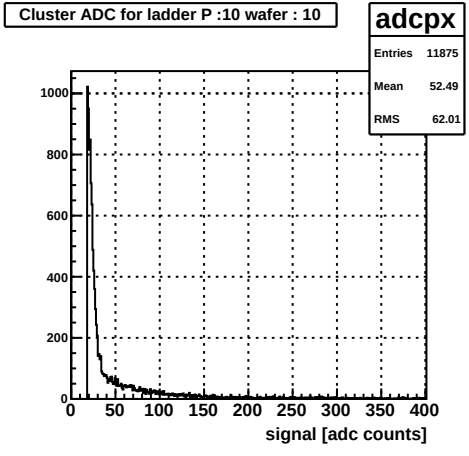

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4422
Mean 39.11
RMS 42.88
signal [adc counts]

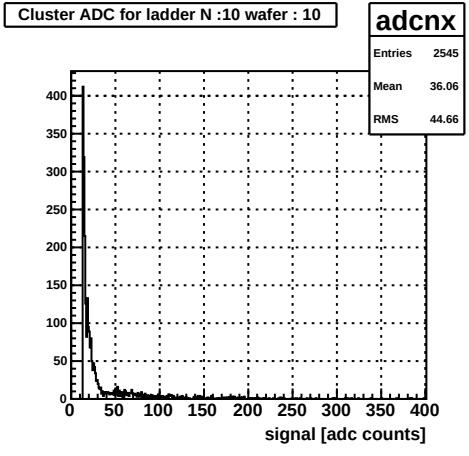

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1736
Mean 51.11
RMS 56.76
signal [adc counts]

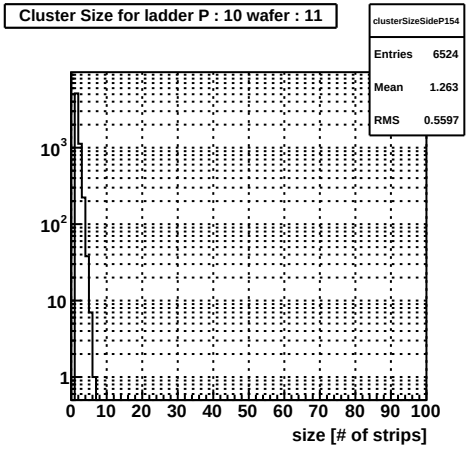

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11875
Mean 1.098
RMS 0.3693
size [# of strips]

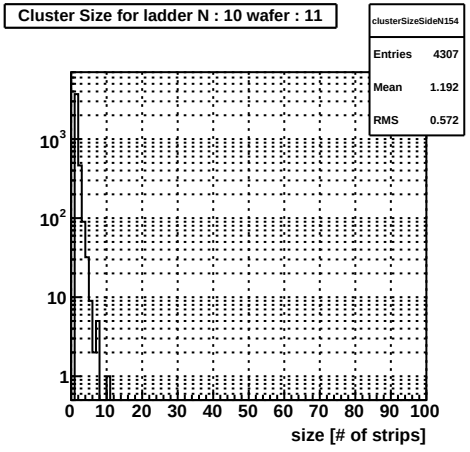

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2545
Mean 1.165
RMS 0.5064
size [# of strips]

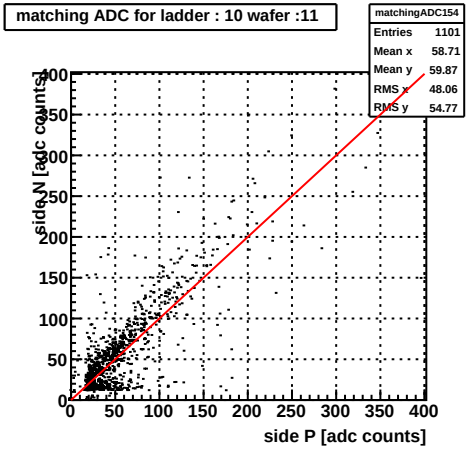

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 733
Mean x 63.05
Mean y 67.29
RMS x 55.09
RMS y 62.73
side N [adc counts]
side P [adc counts]

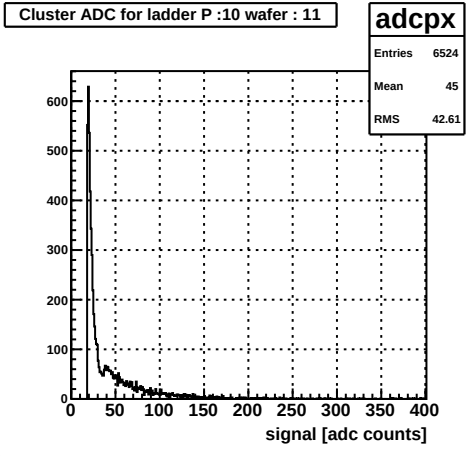

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11875
Mean 52.49
RMS 62.01
signal [adc counts]

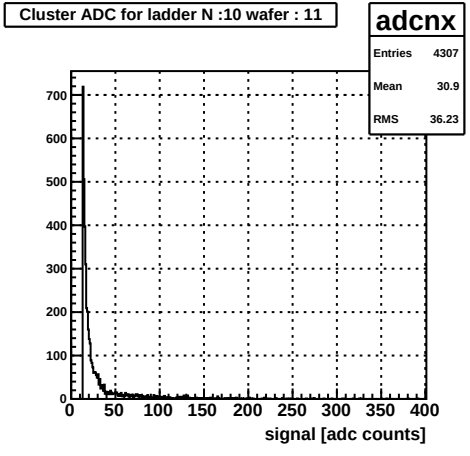

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2545
Mean 36.06
RMS 44.66
signal [adc counts]

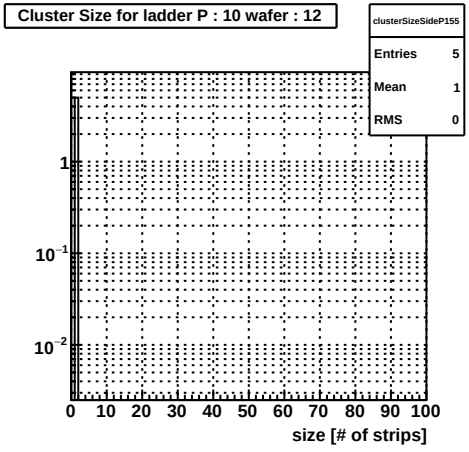

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6524
Mean 1.263
RMS 0.5597
size [# of strips]

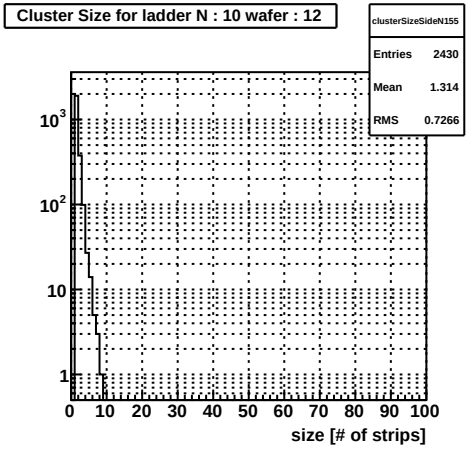

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4307
Mean 1.192
RMS 0.572
size [# of strips]

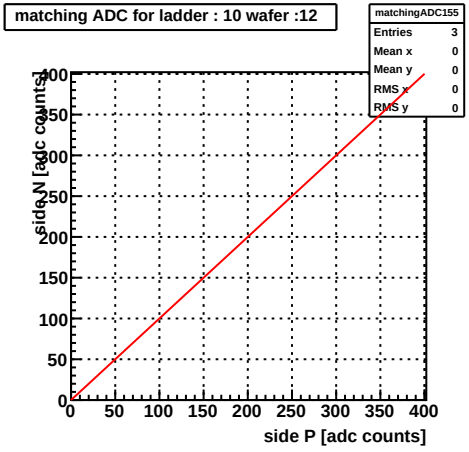

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1101
Mean x 58.71
Mean y 59.87
RMS x 48.06
RMS y 54.77
side N [adc counts]
side P [adc counts]

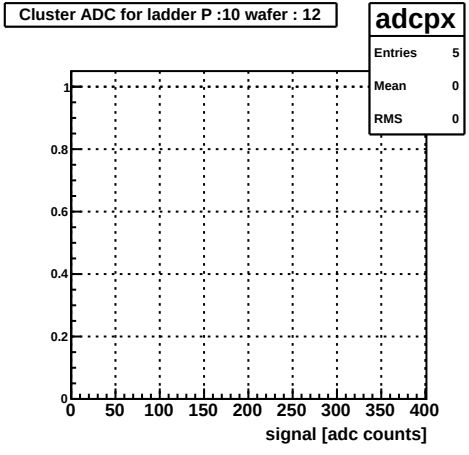

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6524
Mean 45
RMS 42.61
signal [adc counts]

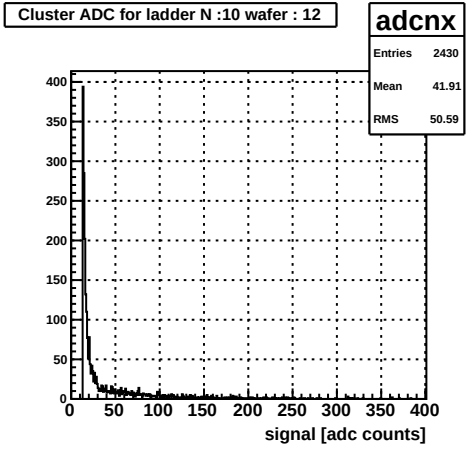

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4307
Mean 30.9
RMS 36.23
signal [adc counts]

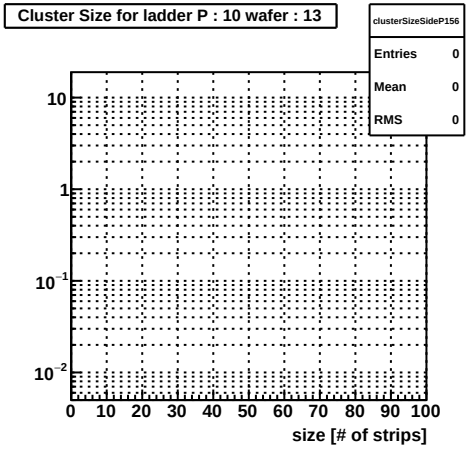

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 5
Mean 1
RMS 0
size [# of strips]

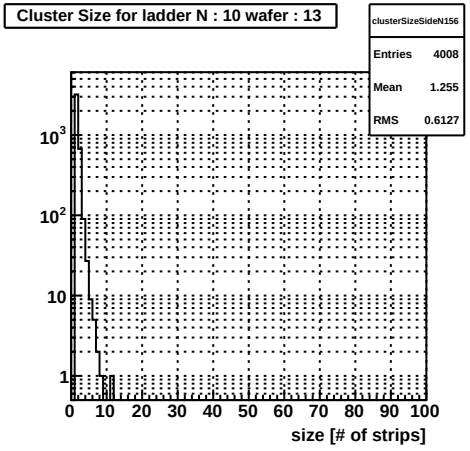

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2430
Mean 1.314
RMS 0.7266
size [# of strips]

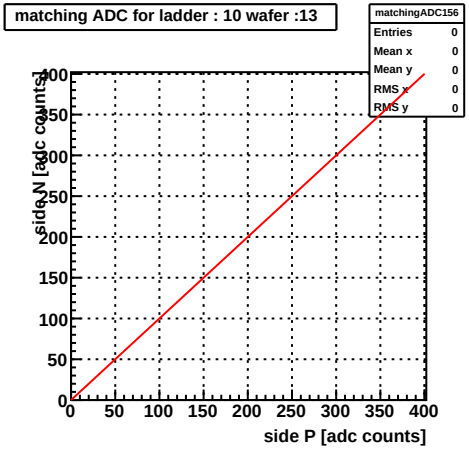

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

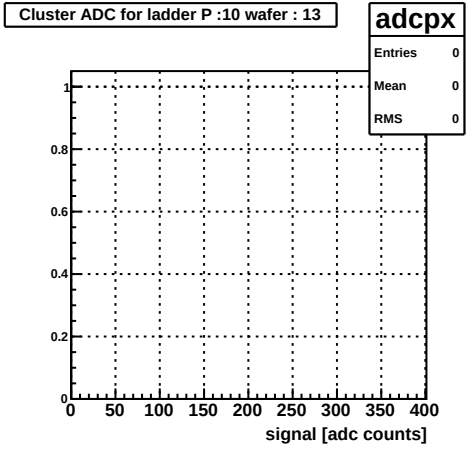

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

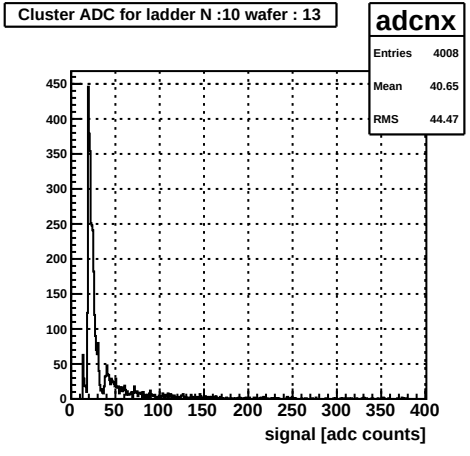

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2430
Mean 41.91
RMS 50.59
signal [adc counts]

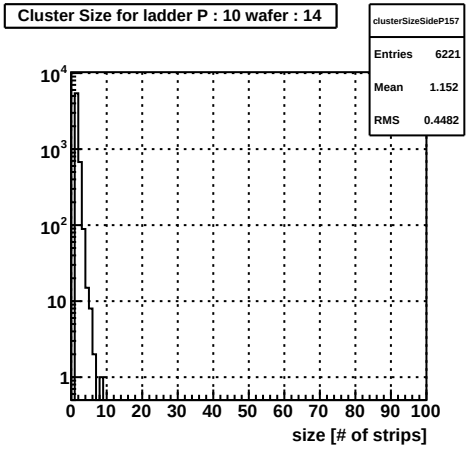

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

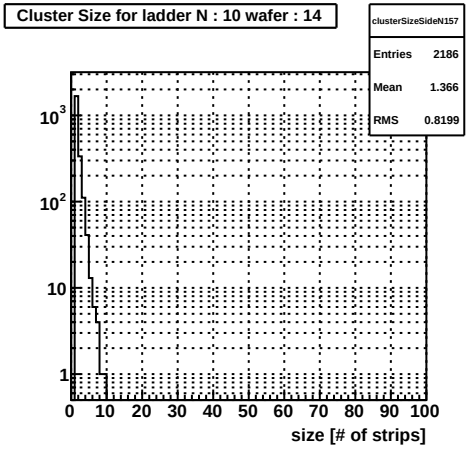

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4008
Mean 1.255
RMS 0.6127
size [# of strips]

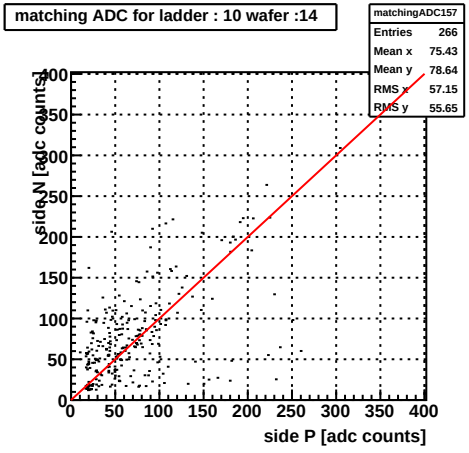

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

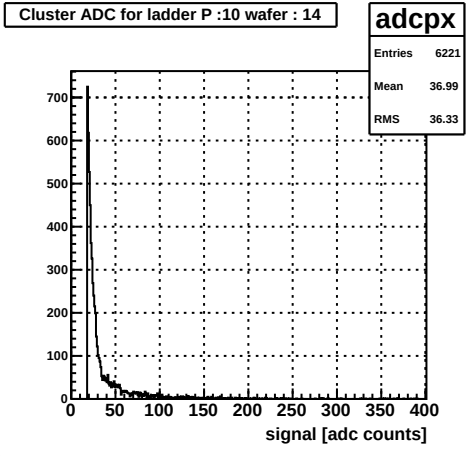

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

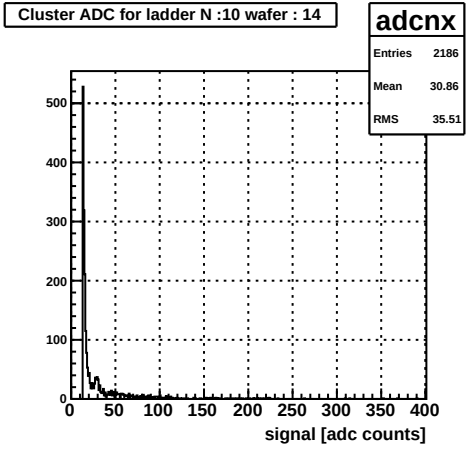

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4008
Mean 40.65
RMS 44.47
signal [adc counts]

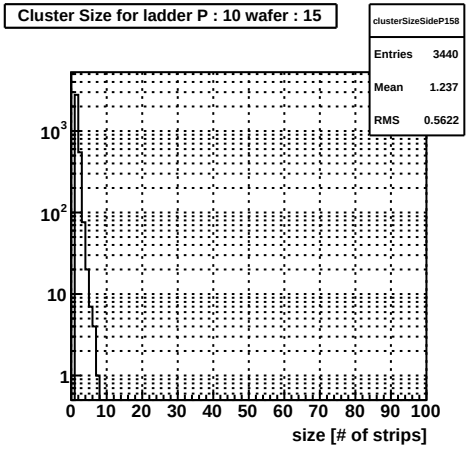

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6221
Mean 1.152
RMS 0.4482
size [# of strips]

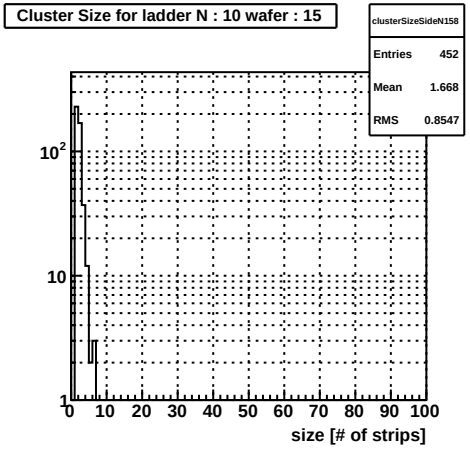

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2186
Mean 1.366
RMS 0.8199
size [# of strips]

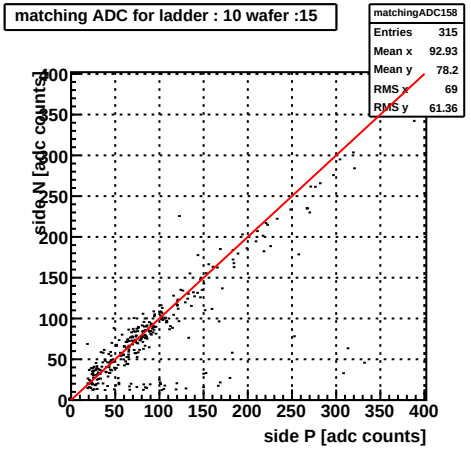

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 266
Mean x 75.43
Mean y 78.64
RMS x 57.15
RMS y 55.65
side N [adc counts]
side P [adc counts]

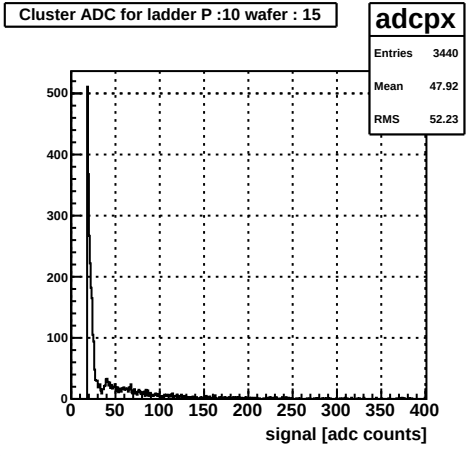

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6221
Mean 36.99
RMS 36.33
signal [adc counts]

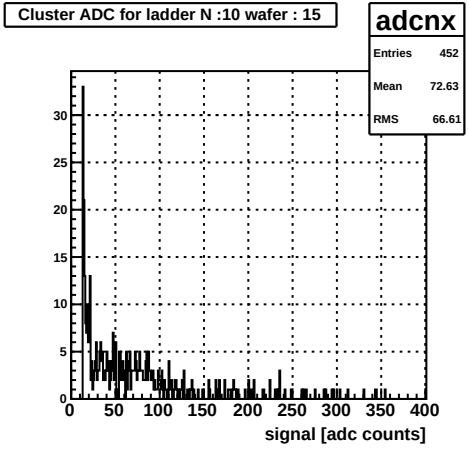

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2186
Mean 30.86
RMS 35.51
signal [adc counts]

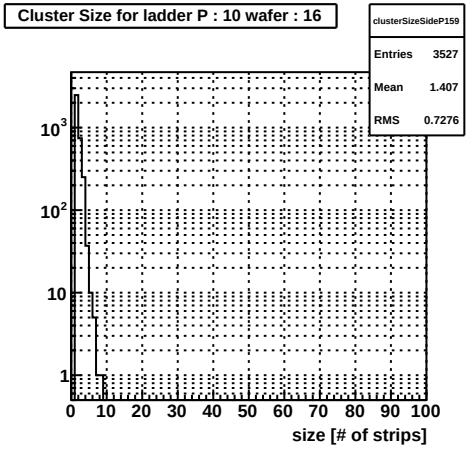

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3440
Mean 1.237
RMS 0.5622
size [# of strips]

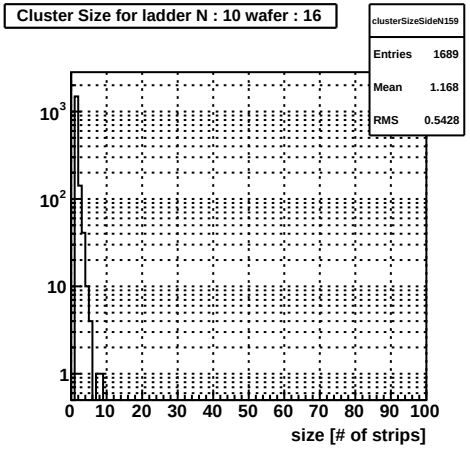

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 452
Mean 1.668
RMS 0.8547
size [# of strips]

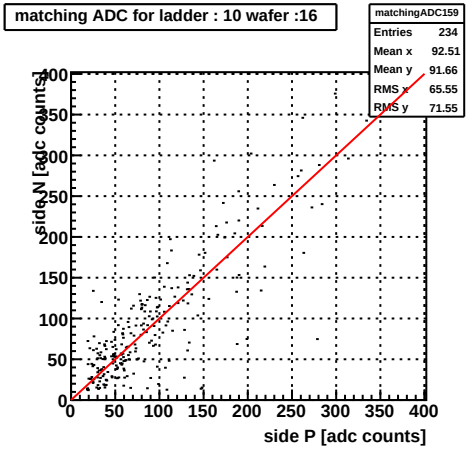

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 315
Mean x 92.93
Mean y 78.2
RMS x 69
RMS y 61.36
side N [adc counts]
side P [adc counts]

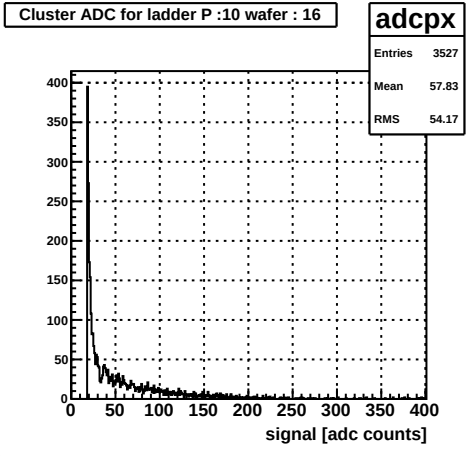

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3440
Mean 47.92
RMS 52.23
signal [adc counts]

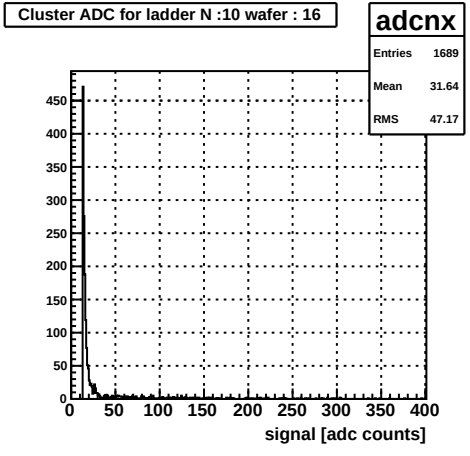

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 452
Mean 72.63
RMS 66.61
signal [adc counts]

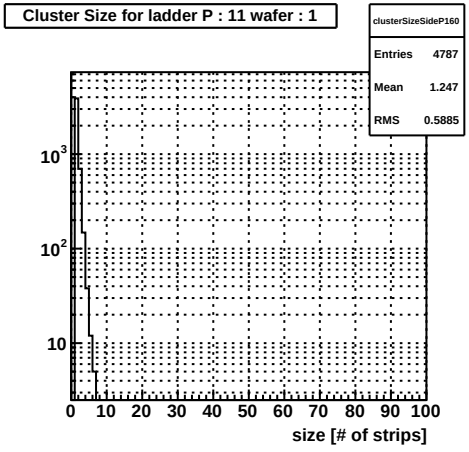

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3527
Mean 1.407
RMS 0.7276
size [# of strips]

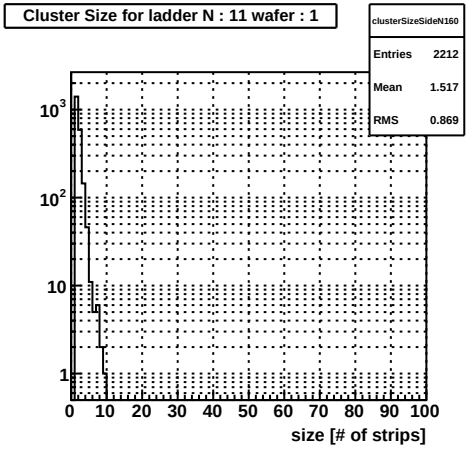

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1689
Mean 1.168
RMS 0.5428
size [# of strips]

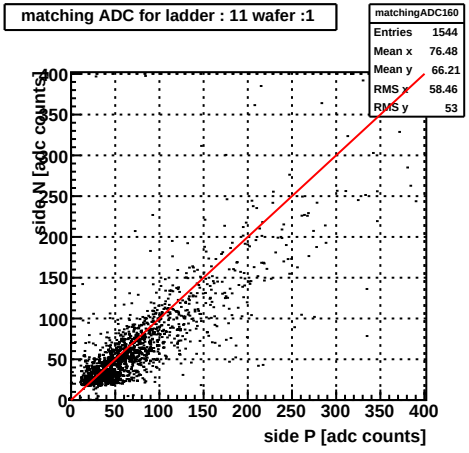

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 234
Mean x 92.51
Mean y 91.66
RMS x 65.55
RMS y 71.55
side N [adc counts]
side P [adc counts]

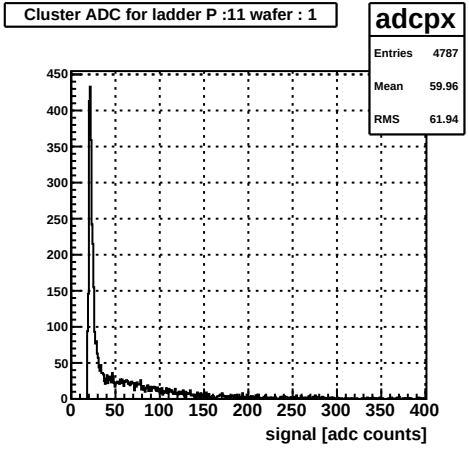

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3527
Mean 57.83
RMS 54.17
signal [adc counts]

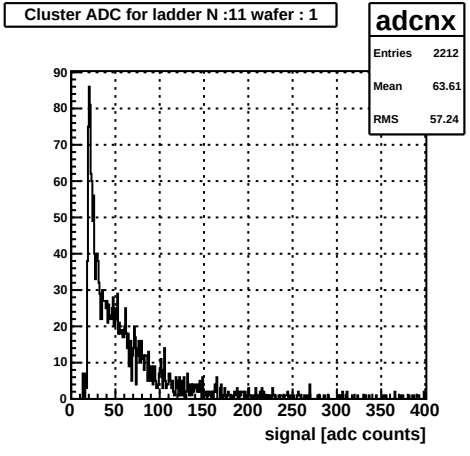

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1689
Mean 31.64
RMS 47.17
signal [adc counts]

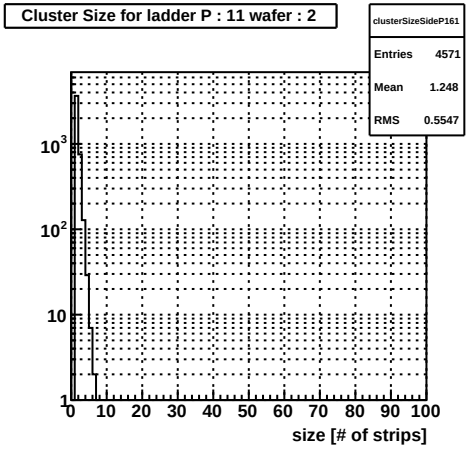

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4787
Mean 1.247
RMS 0.5885
size [# of strips]

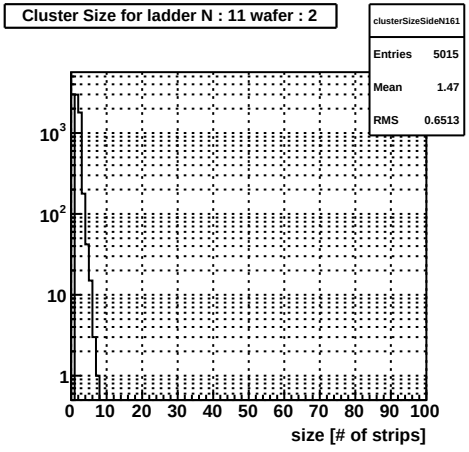

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2212
Mean 1.517
RMS 0.869
size [# of strips]

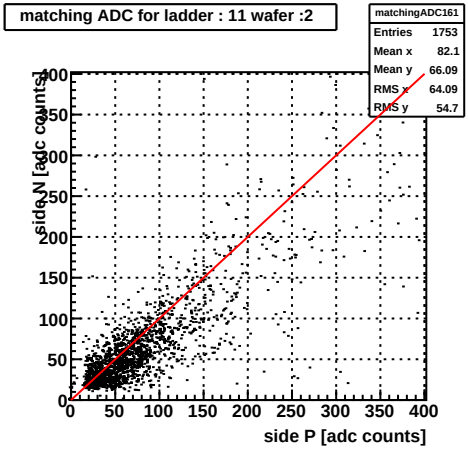

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1544
Mean x 76.48
Mean y 66.21
RMS x 58.46
RMS y 53
side N [adc counts]
side P [adc counts]

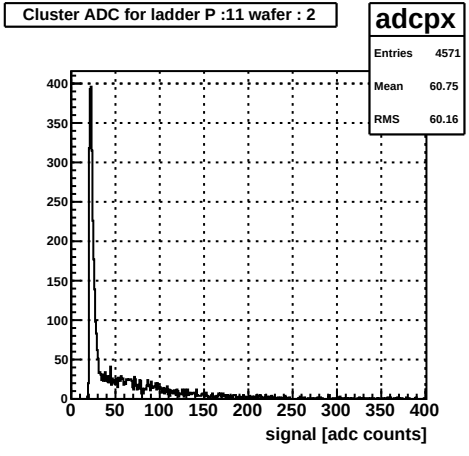

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4787
Mean 59.96
RMS 61.94
signal [adc counts]

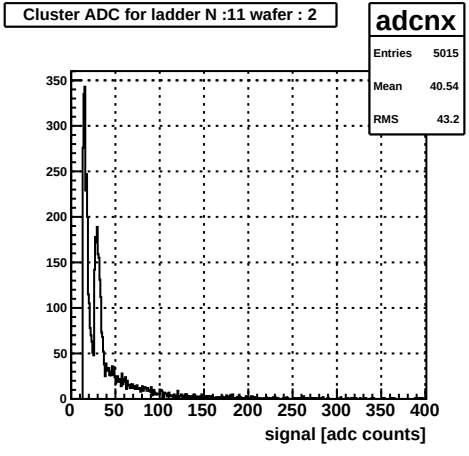

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2212
Mean 63.61
RMS 57.24
signal [adc counts]

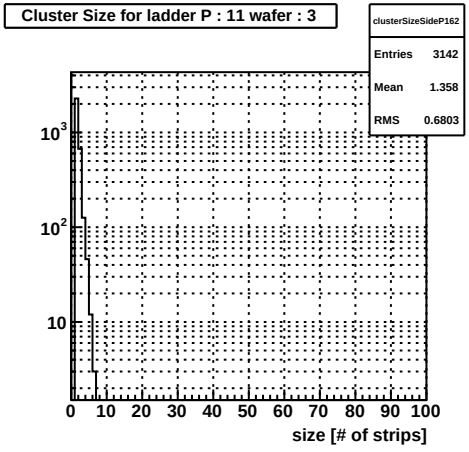

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4571
Mean 1.248
RMS 0.5547
size [# of strips]

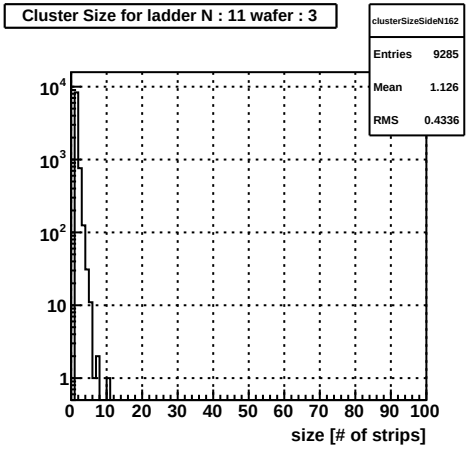

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5015
Mean 1.47
RMS 0.6513
size [# of strips]

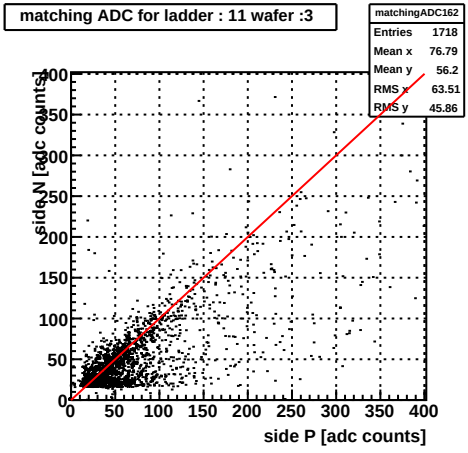

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1753
Mean x 82.1
Mean y 66.09
RMS x 64.09
RMS y 54.7
side N [adc counts]
side P [adc counts]

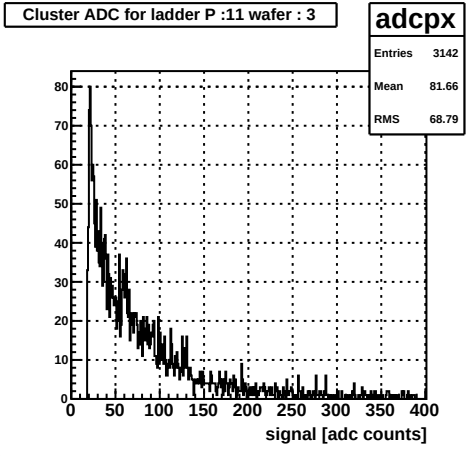

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4571
Mean 60.75
RMS 60.16
signal [adc counts]

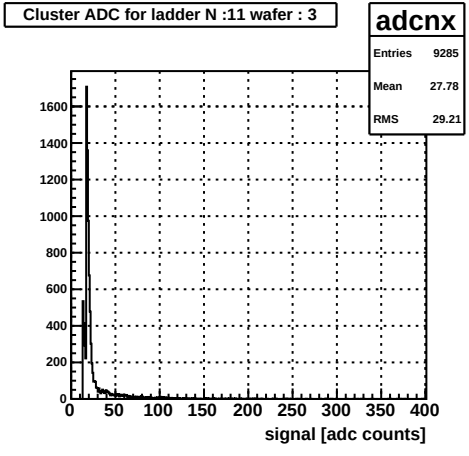

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5015
Mean 40.54
RMS 43.2
signal [adc counts]

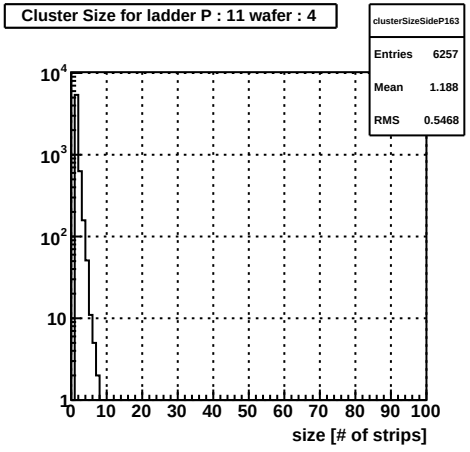

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3142
Mean 1.358
RMS 0.6803
size [# of strips]

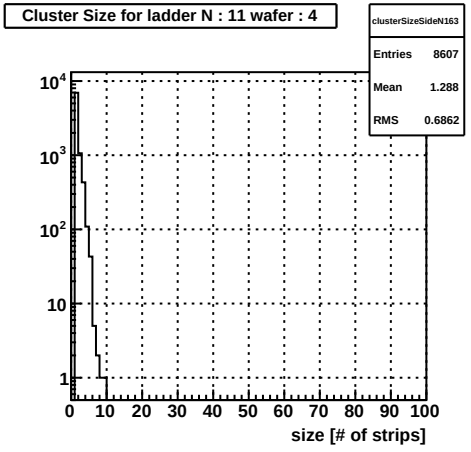

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9285
Mean 1.126
RMS 0.4336
size [# of strips]

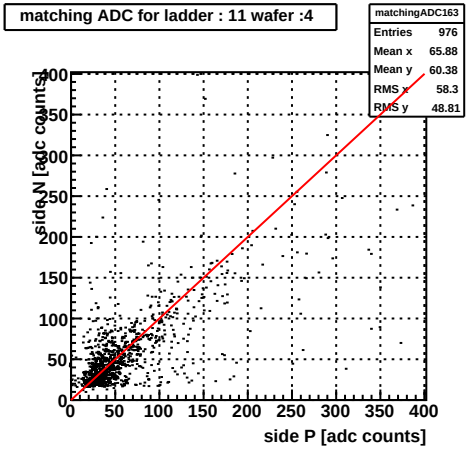

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1718
Mean x 76.79
Mean y 56.2
RMS x 63.51
RMS y 45.86
side N [adc counts]
side P [adc counts]

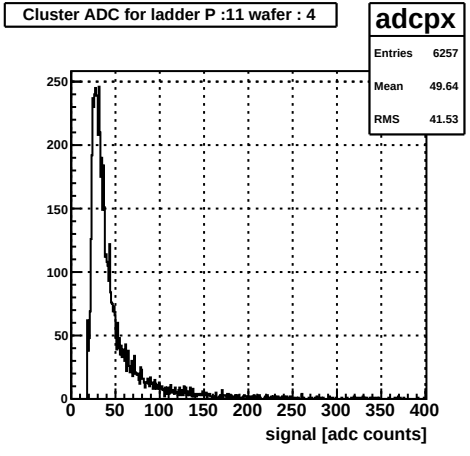

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3142
Mean 81.66
RMS 68.79
signal [adc counts]

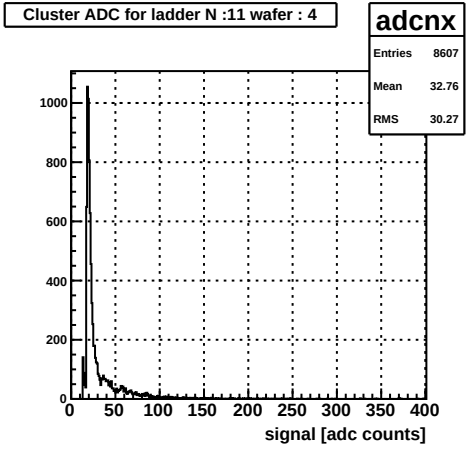

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9285
Mean 27.78
RMS 29.21
signal [adc counts]

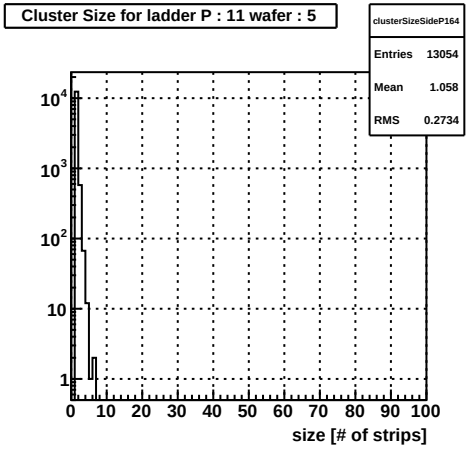

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 6257
Mean 1.188
RMS 0.5468
size [# of strips]

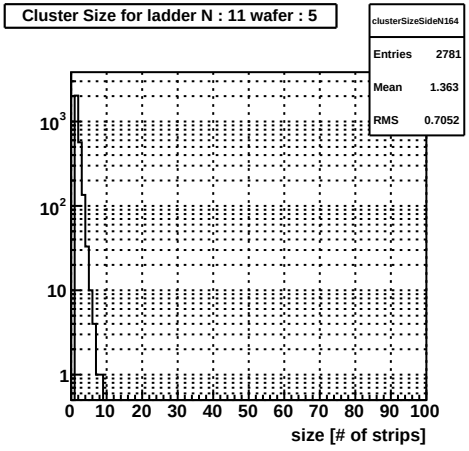

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 8607
Mean 1.288
RMS 0.6862
size [# of strips]

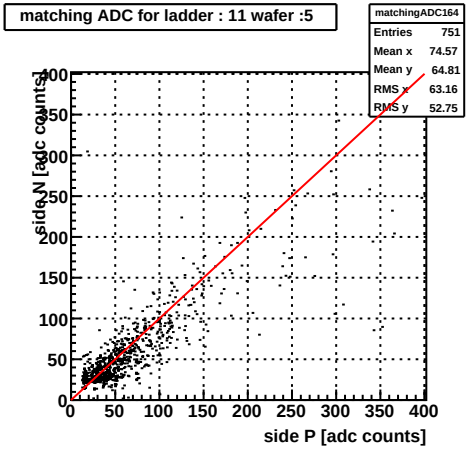

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 976
Mean x 65.88
Mean y 60.38
RMS x 58.3
RMS y 48.81
side N [adc counts]
side P [adc counts]

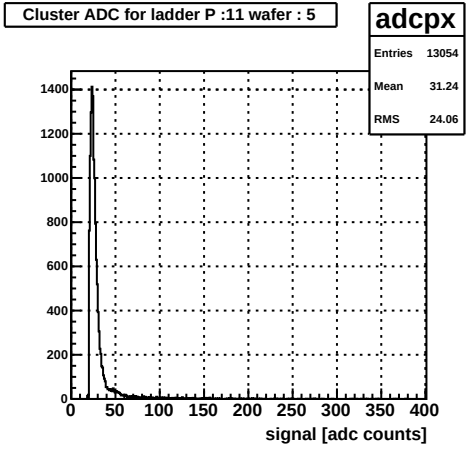

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 6257
Mean 49.64
RMS 41.53
signal [adc counts]

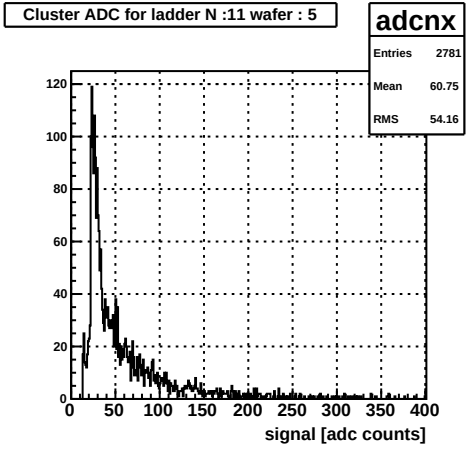

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 8607
Mean 32.76
RMS 30.27
signal [adc counts]

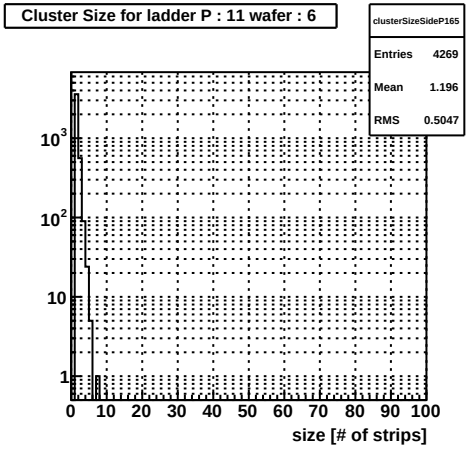

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13054
Mean 1.058
RMS 0.2734
size [# of strips]

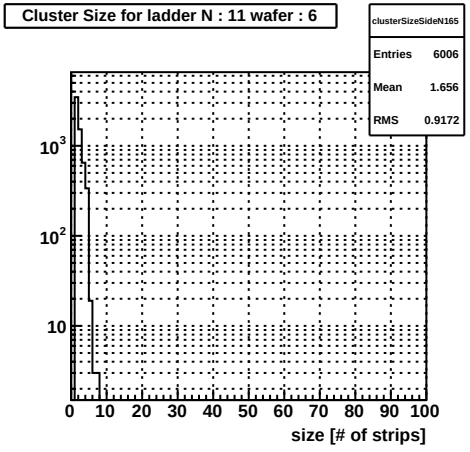

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2781
Mean 1.363
RMS 0.7052
size [# of strips]

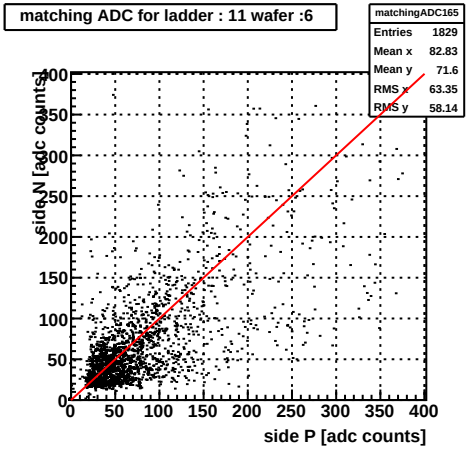

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 751
Mean x 74.57
Mean y 64.81
RMS x 63.16
RMS y 52.75
side N [adc counts]
side P [adc counts]

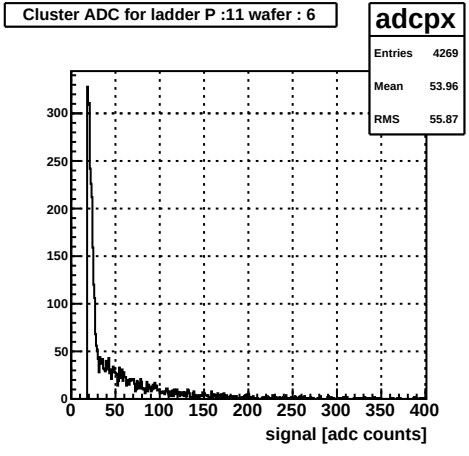

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13054
Mean 31.24
RMS 24.06
signal [adc counts]

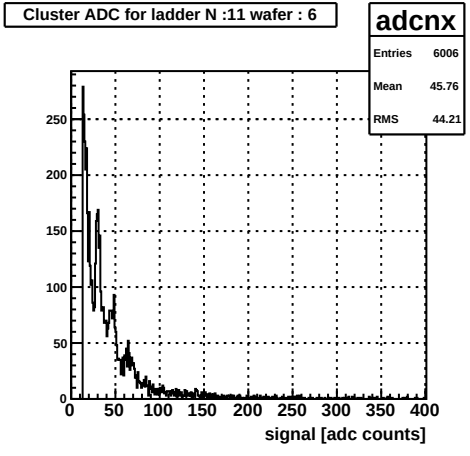

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2781
Mean 60.75
RMS 54.16
signal [adc counts]

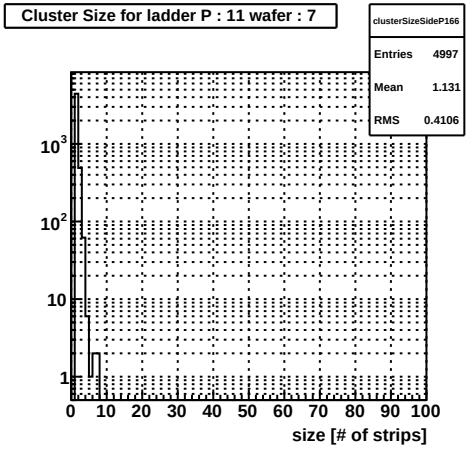

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4269
Mean 1.196
RMS 0.5047
size [# of strips]

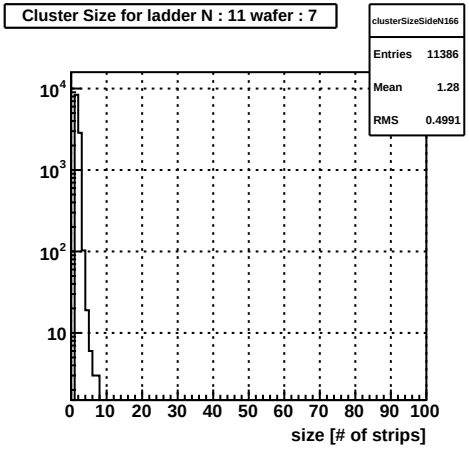

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6006
Mean 1.656
RMS 0.9172
size [# of strips]

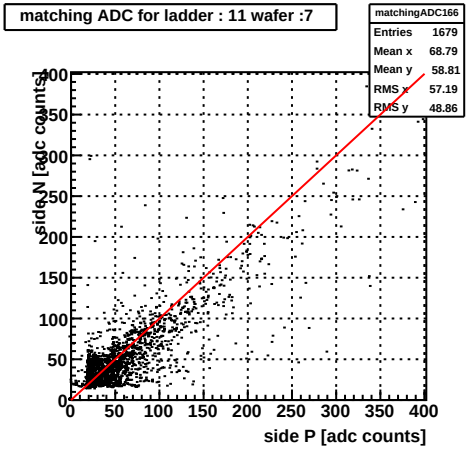

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1829
Mean x 82.83
Mean y 71.6
RMS x 63.35
RMS y 58.14
side N [adc counts]
side P [adc counts]

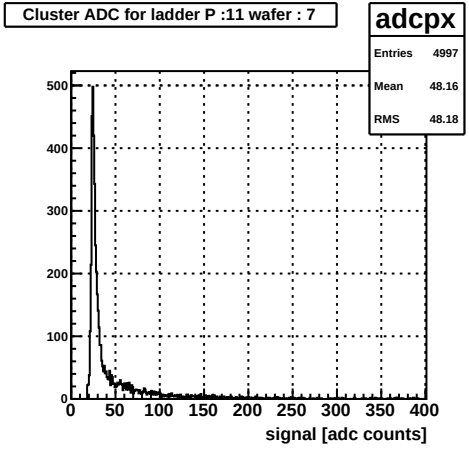

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4269
Mean 53.96
RMS 55.87
signal [adc counts]

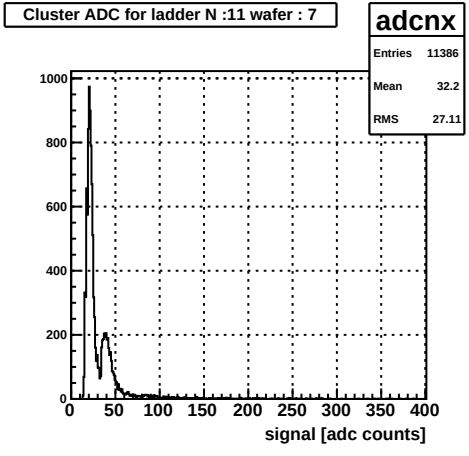

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6006
Mean 45.76
RMS 44.21
signal [adc counts]

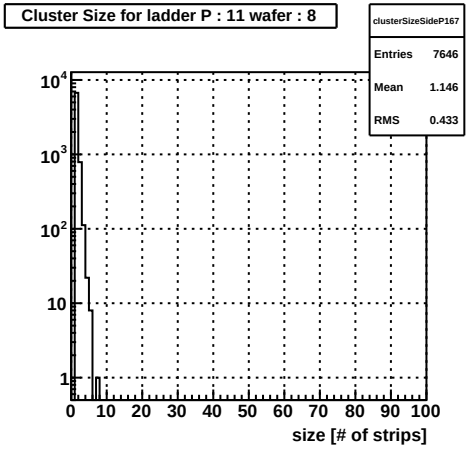

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4997
Mean 1.131
RMS 0.4106
size [# of strips]

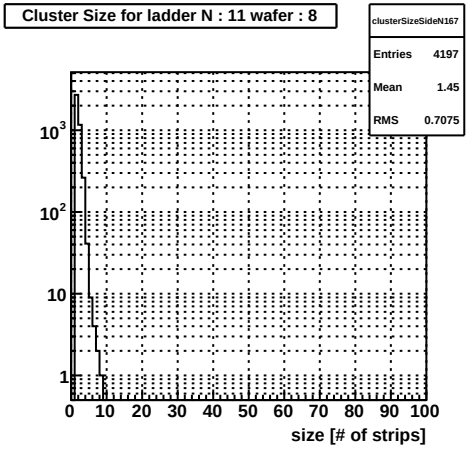

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11386
Mean 1.28
RMS 0.4991
size [# of strips]

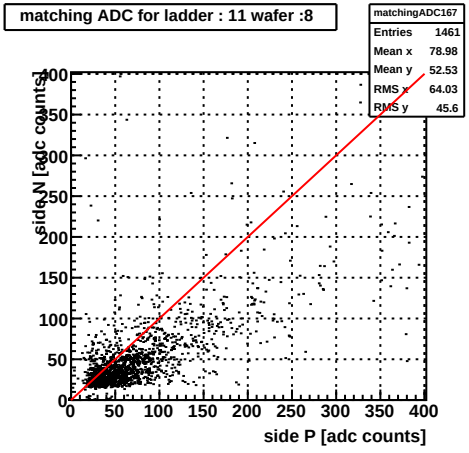

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1679
Mean x 68.79
Mean y 58.81
RMS x 57.19
RMS y 48.86
side N [adc counts]
side P [adc counts]

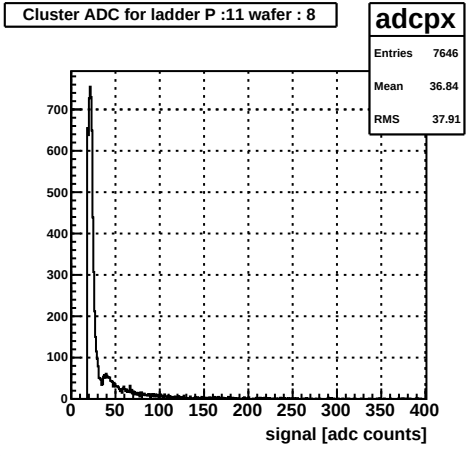

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4997
Mean 48.16
RMS 48.18
signal [adc counts]

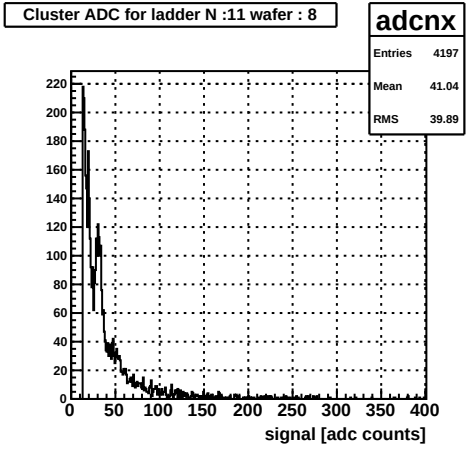

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11386
Mean 32.2
RMS 27.11
signal [adc counts]

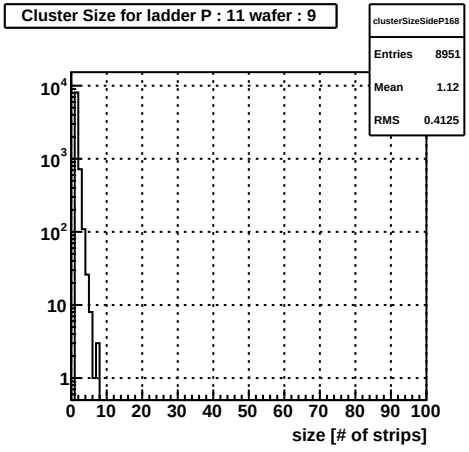

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7646
Mean 1.146
RMS 0.433
size [# of strips]

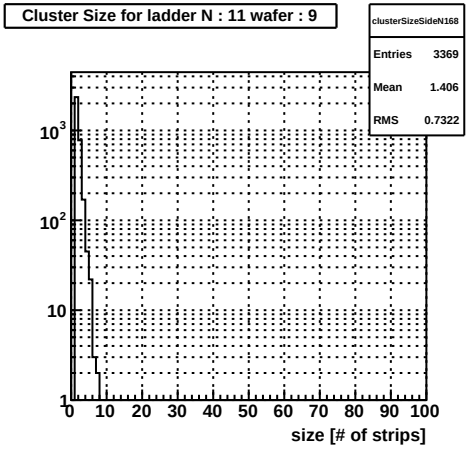

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4197
Mean 1.45
RMS 0.7075
size [# of strips]

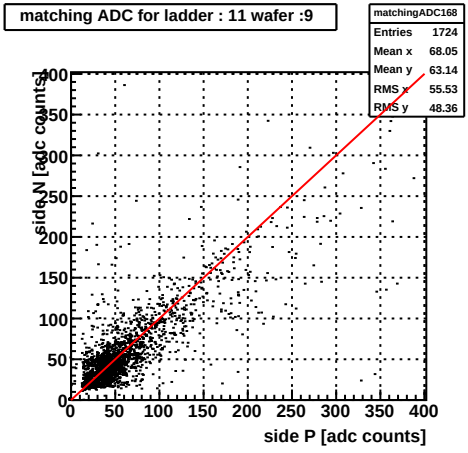

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1461
Mean x 78.98
Mean y 52.53
RMS x 64.03
RMS y 45.6
side N [adc counts]
side P [adc counts]

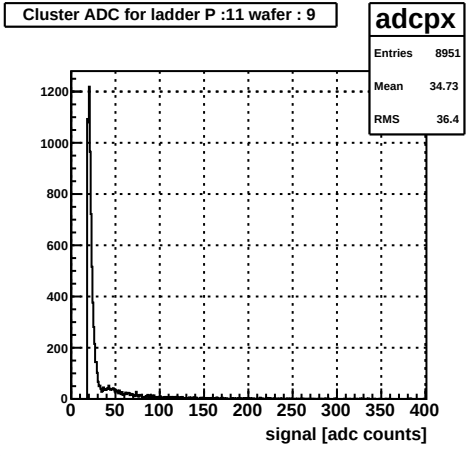

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7646
Mean 36.84
RMS 37.91
signal [adc counts]

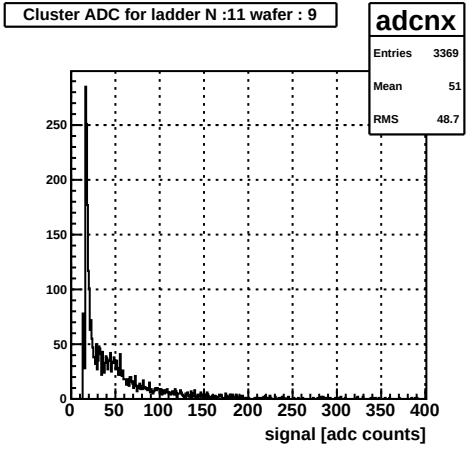

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4197
Mean 41.04
RMS 39.89
signal [adc counts]

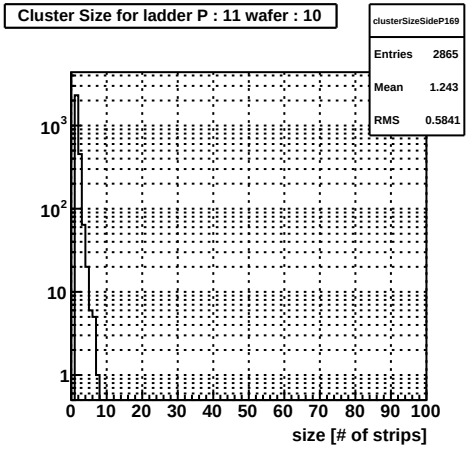

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8951
Mean 1.12
RMS 0.4125
size [# of strips]

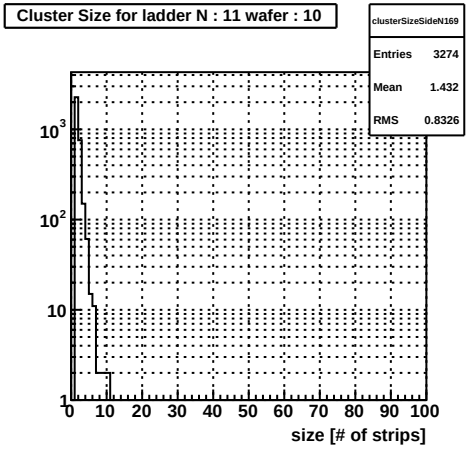

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3369
Mean 1.406
RMS 0.7322
size [# of strips]

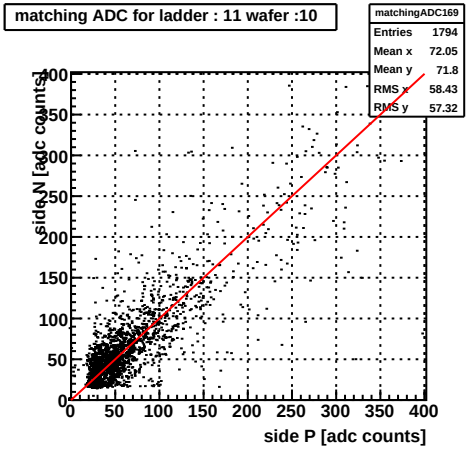

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1724
Mean x 68.05
Mean y 63.14
RMS x 55.53
RMS y 48.36
side N [adc counts]
side P [adc counts]

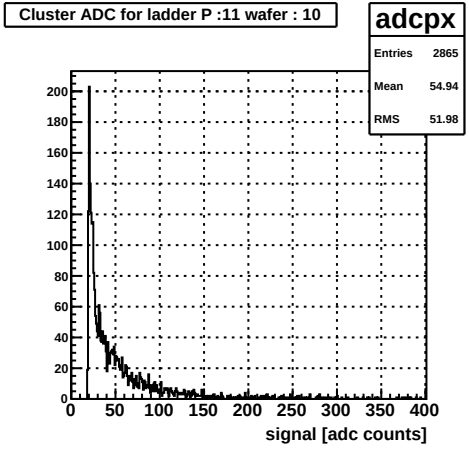

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8951
Mean 34.73
RMS 36.4
signal [adc counts]

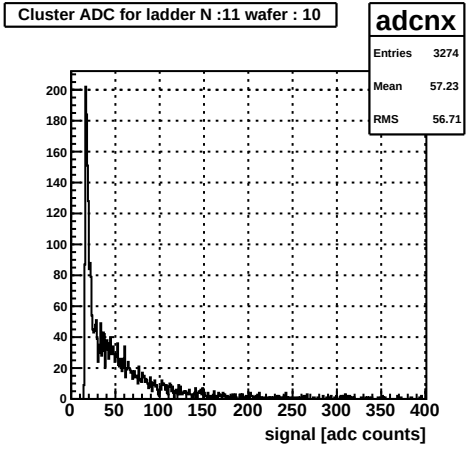

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3369
Mean 51
RMS 48.7
signal [adc counts]

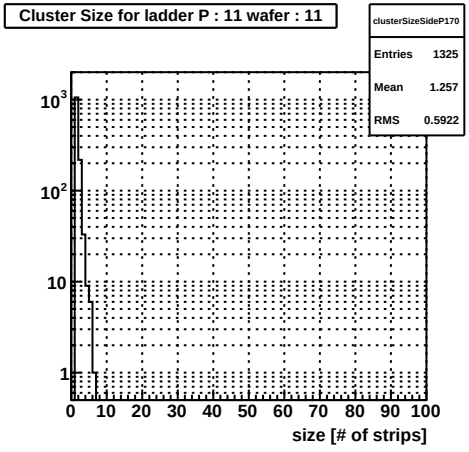

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2865
Mean 1.243
RMS 0.5841
size [# of strips]

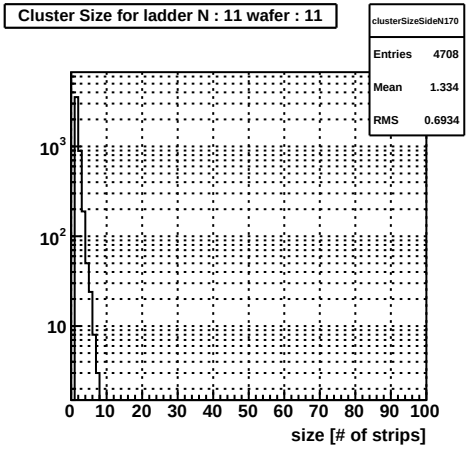

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3274
Mean 1.432
RMS 0.8326
size [# of strips]

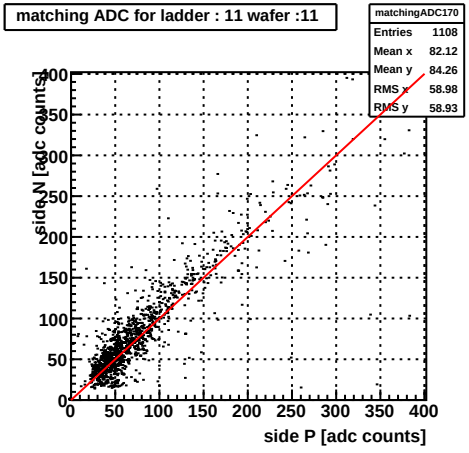

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1794
Mean x 72.05
Mean y 71.8
RMS x 58.43
RMS y 57.32
side N [adc counts]
side P [adc counts]

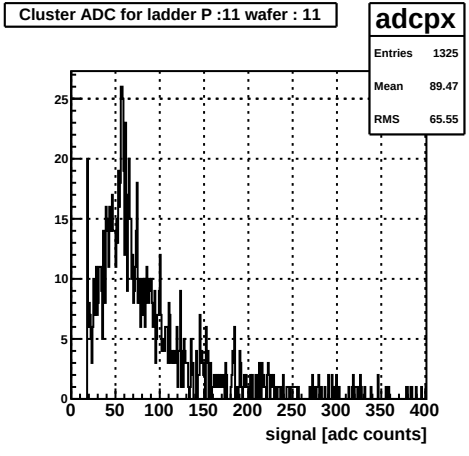

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2865
Mean 54.94
RMS 51.98
signal [adc counts]

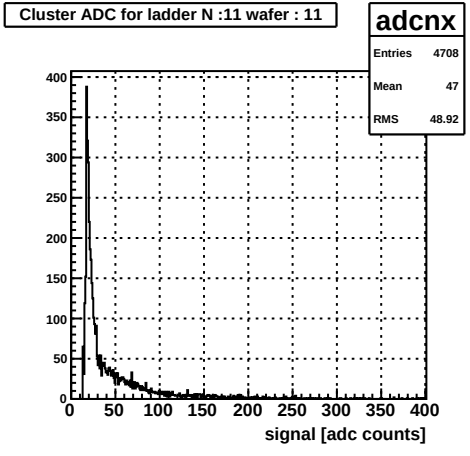

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3274
Mean 57.23
RMS 56.71
signal [adc counts]

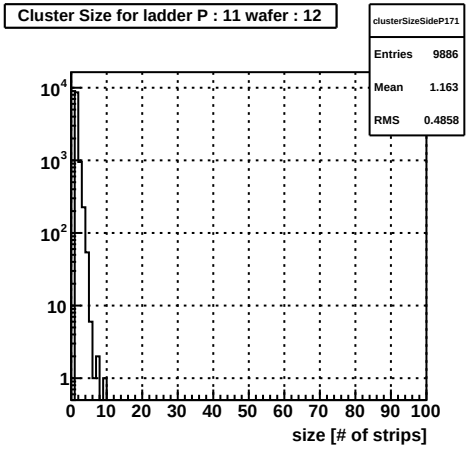

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1325
Mean 1.257
RMS 0.5922
size [# of strips]

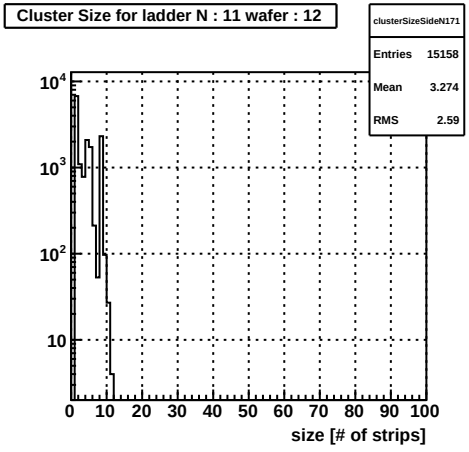

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4708
Mean 1.334
RMS 0.6934
size [# of strips]

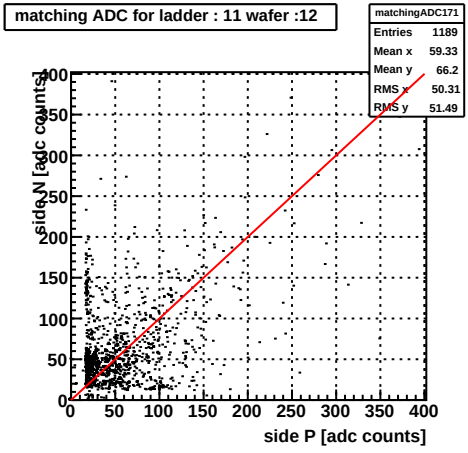

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1108
Mean x 82.12
Mean y 84.26
RMS x 58.98
RMS y 58.93
side N [adc counts]
side P [adc counts]

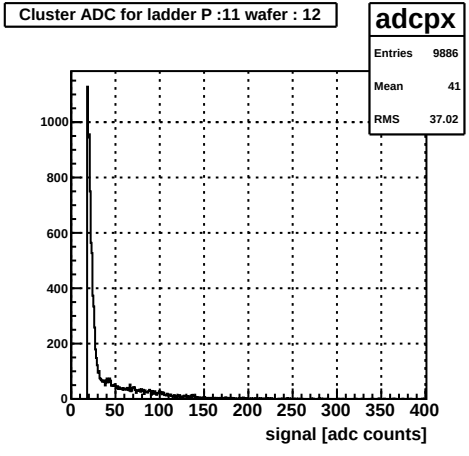

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1325
Mean 89.47
RMS 65.55
signal [adc counts]

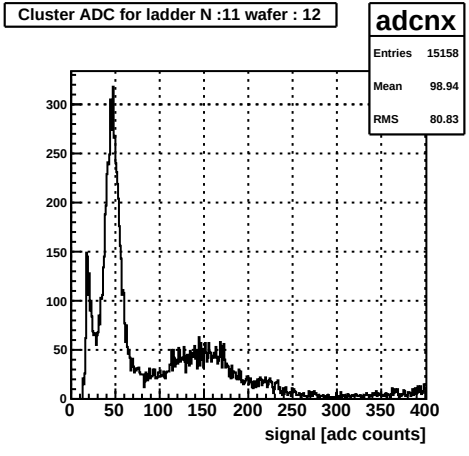

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4708
Mean 47
RMS 48.92
signal [adc counts]

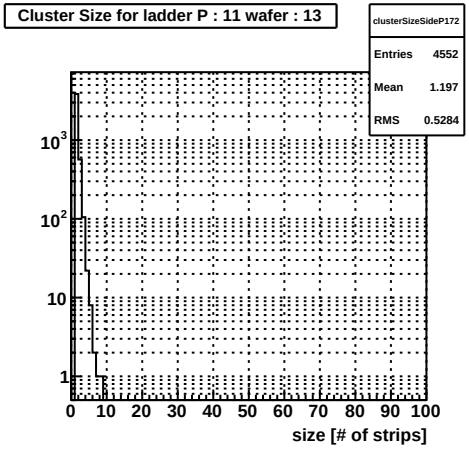

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9886
Mean 1.163
RMS 0.4858
size [# of strips]

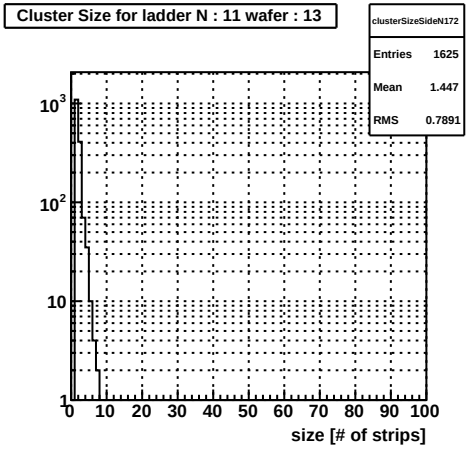

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 15158
Mean 3.274
RMS 2.59
size [# of strips]

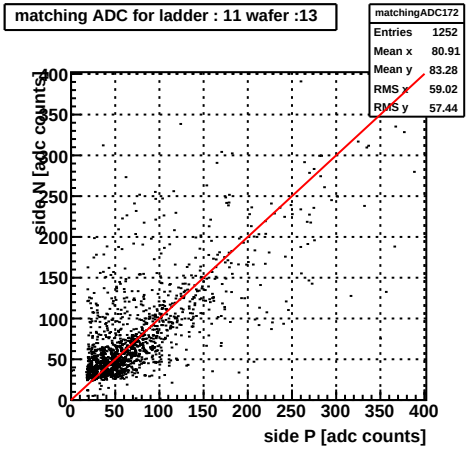

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1189
Mean x 59.33
Mean y 66.2
RMS x 50.31
RMS y 51.49
side N [adc counts]
side P [adc counts]

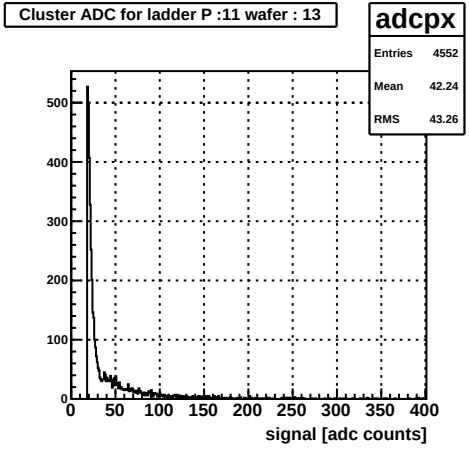

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9886
Mean 41
RMS 37.02
signal [adc counts]

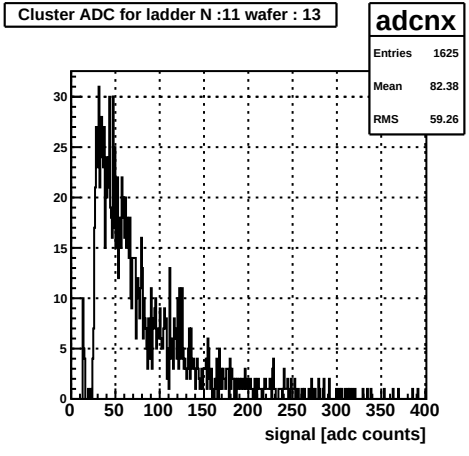

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 15158
Mean 98.94
RMS 80.83
signal [adc counts]

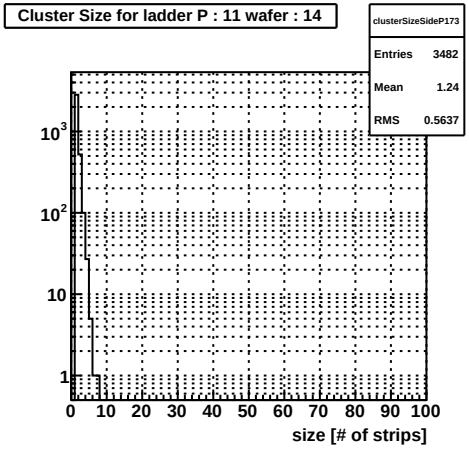

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4552
Mean 1.197
RMS 0.5284
size [# of strips]

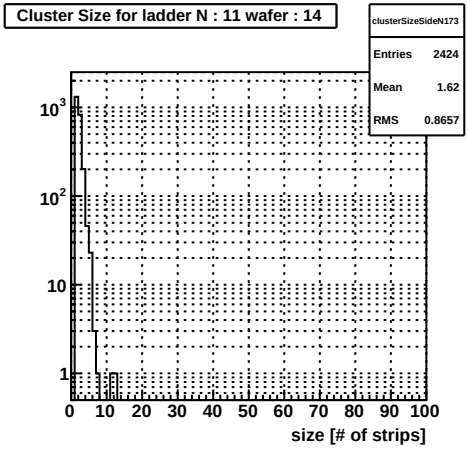

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1625
Mean 1.447
RMS 0.7891
size [# of strips]

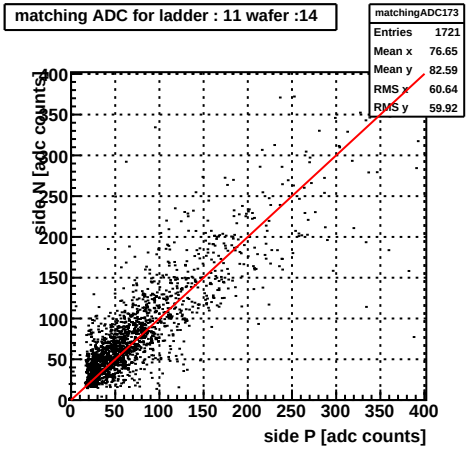

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1252
Mean x 80.91
Mean y 83.28
RMS x 59.02
RMS y 57.44
side N [adc counts]
side P [adc counts]

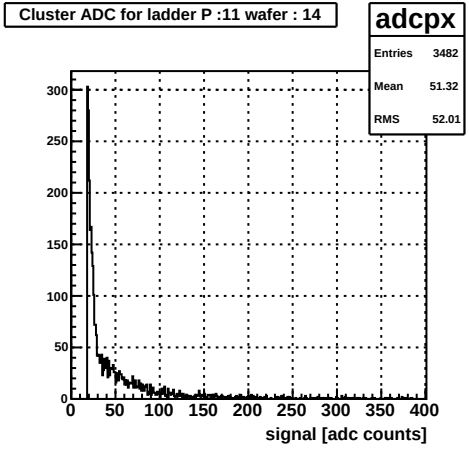

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4552
Mean 42.24
RMS 43.26
signal [adc counts]

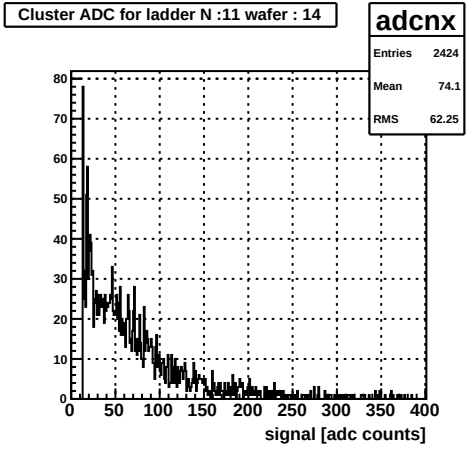

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1625
Mean 82.38
RMS 59.26
signal [adc counts]

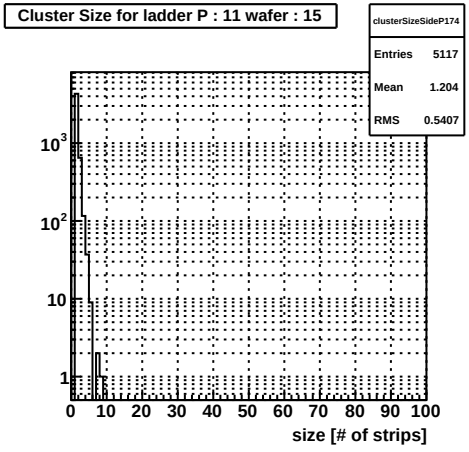

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3482
Mean 1.24
RMS 0.5637
size [# of strips]

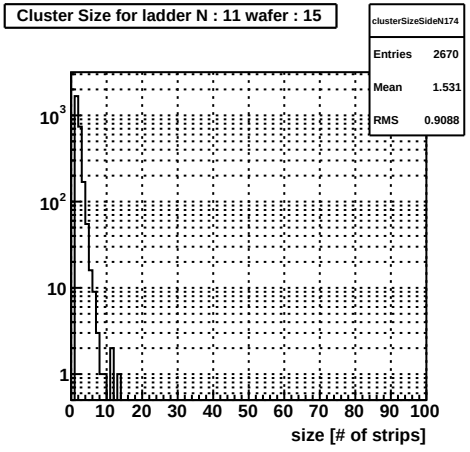

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2424
Mean 1.62
RMS 0.8657
size [# of strips]

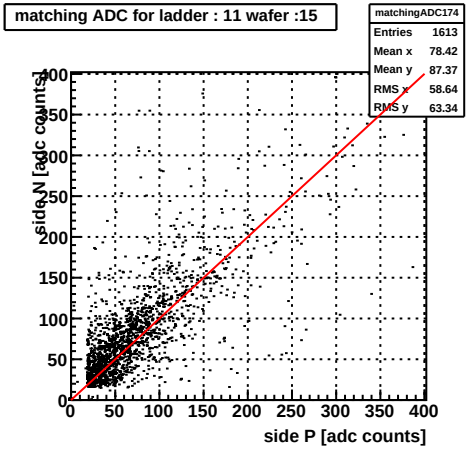

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1721
Mean x 76.65
Mean y 82.59
RMS x 60.64
RMS y 59.92
side N [adc counts]
side P [adc counts]

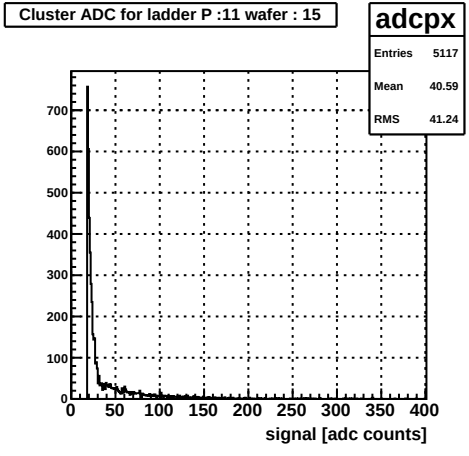

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3482
Mean 51.32
RMS 52.01
signal [adc counts]

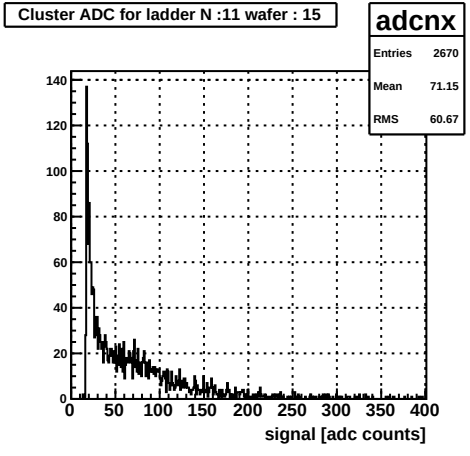

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2424
Mean 74.1
RMS 62.25
signal [adc counts]

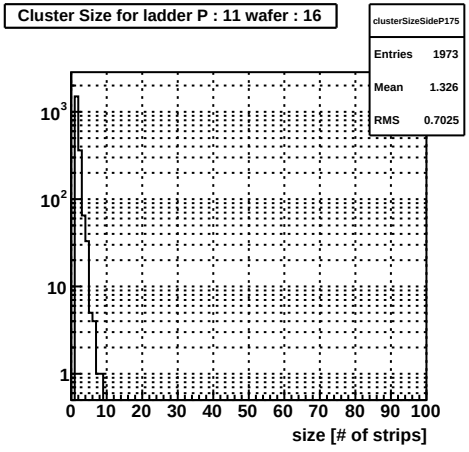

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 5117
Mean 1.204
RMS 0.5407
size [# of strips]

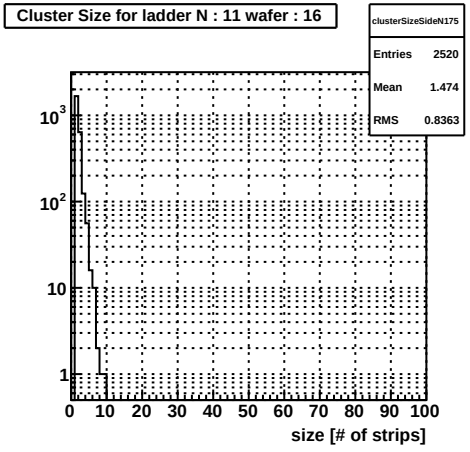

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2670
Mean 1.531
RMS 0.9088
size [# of strips]

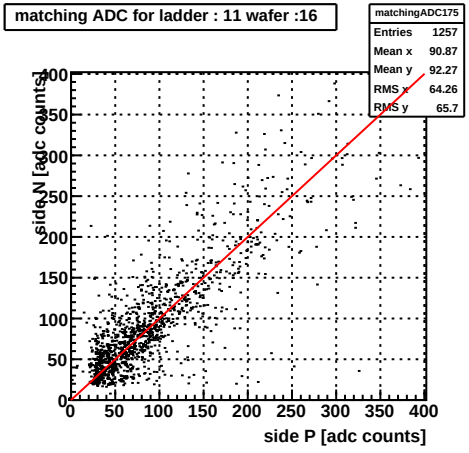

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1613
Mean x 78.42
Mean y 87.37
RMS x 58.64
RMS y 63.34
side N [adc counts]
side P [adc counts]

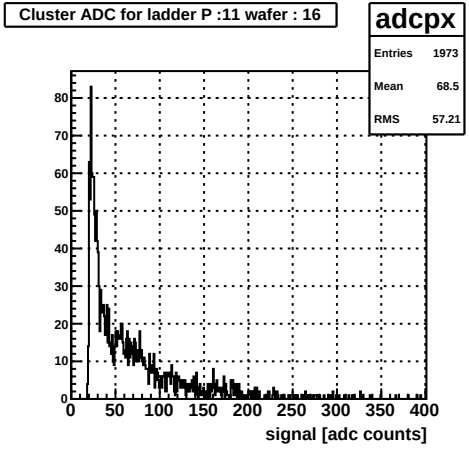

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 5117
Mean 40.59
RMS 41.24
signal [adc counts]

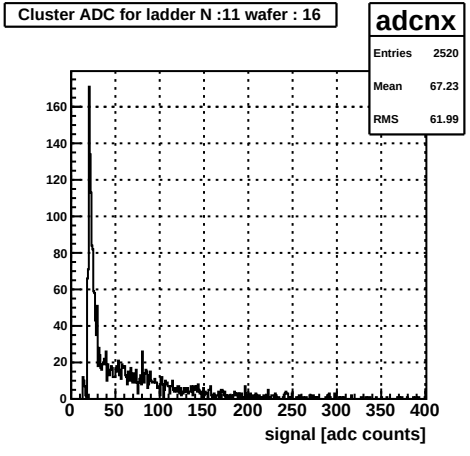

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2670
Mean 71.15
RMS 60.67
signal [adc counts]

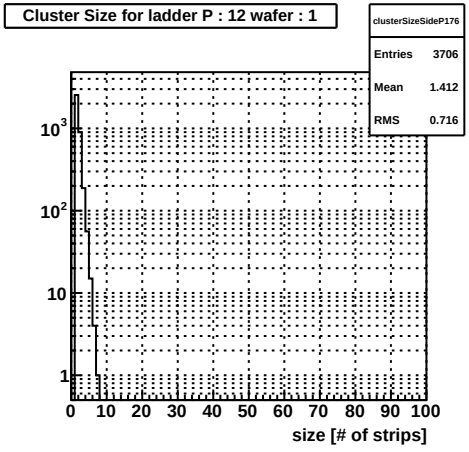

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1973
Mean 1.326
RMS 0.7025
size [# of strips]

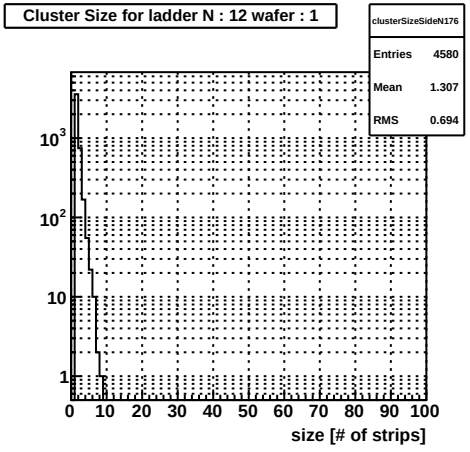

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2520
Mean 1.474
RMS 0.8363
size [# of strips]

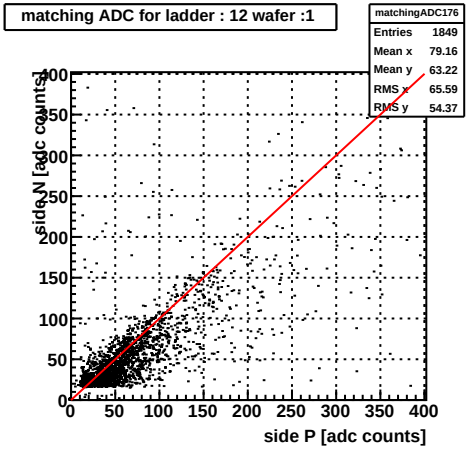

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1257
Mean x 90.87
Mean y 92.27
RMS x 64.26
RMS y 65.7
side N [adc counts]
side P [adc counts]

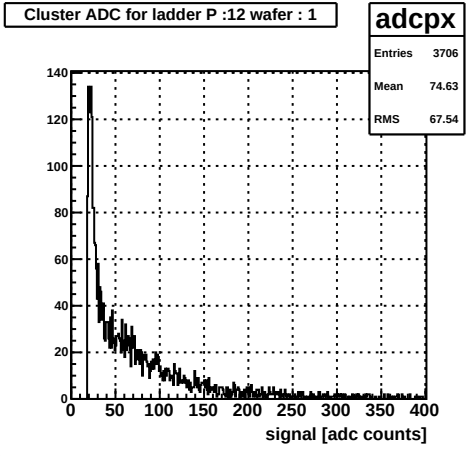

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1973
Mean 68.5
RMS 57.21
signal [adc counts]

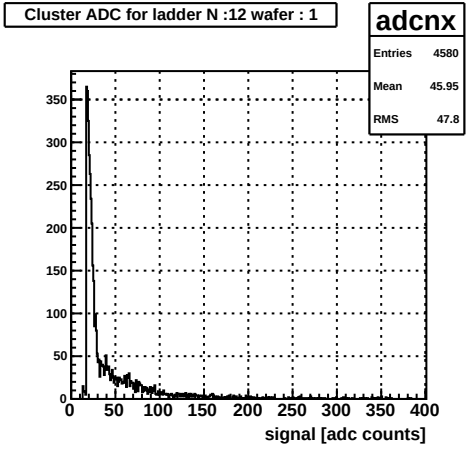

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2520
Mean 67.23
RMS 61.99
signal [adc counts]

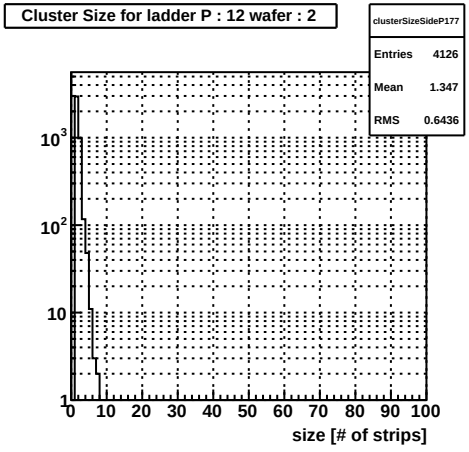

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3706
Mean 1.412
RMS 0.716
size [# of strips]

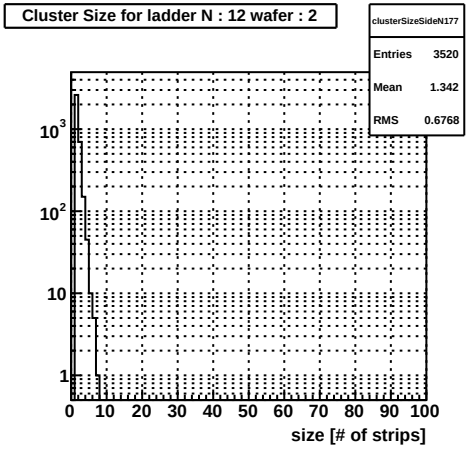

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4580
Mean 1.307
RMS 0.694
size [# of strips]

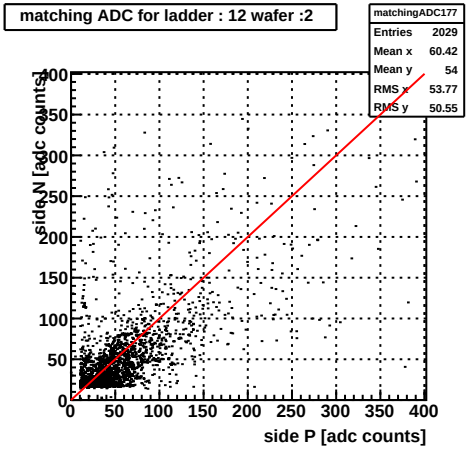

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1849
Mean x 79.16
Mean y 63.22
RMS x 65.59
RMS y 54.37
side N [adc counts]
side P [adc counts]

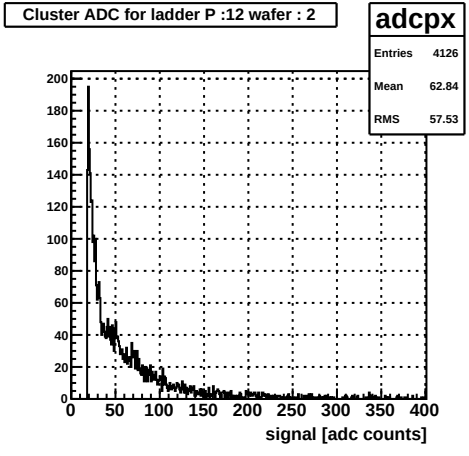

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3706
Mean 74.63
RMS 67.54
signal [adc counts]

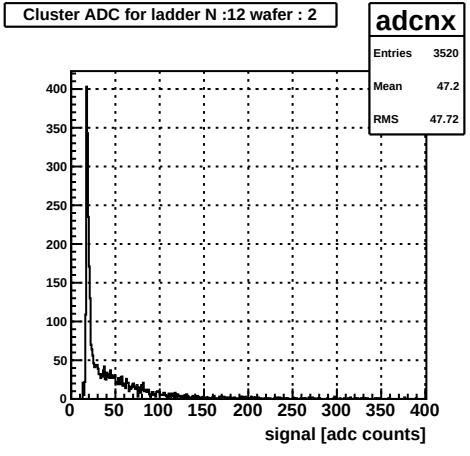

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4580
Mean 45.95
RMS 47.8
signal [adc counts]

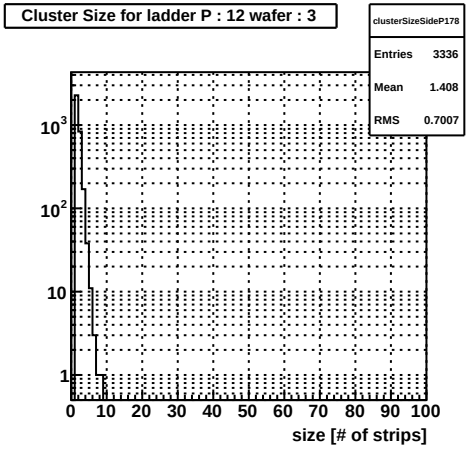

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4126
Mean 1.347
RMS 0.6436
size [# of strips]

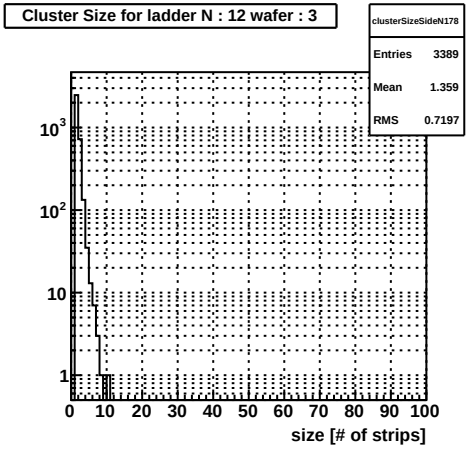

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 3520
Mean 1.342
RMS 0.6768
size [# of strips]

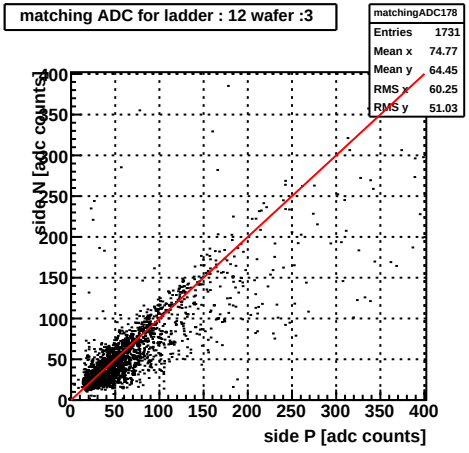

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2029
Mean x 60.42
Mean y 54
RMS x 53.77
RMS y 50.55
side N [adc counts]
side P [adc counts]

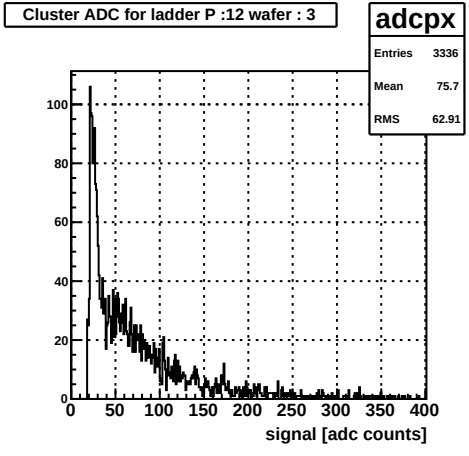

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4126
Mean 62.84
RMS 57.53
signal [adc counts]

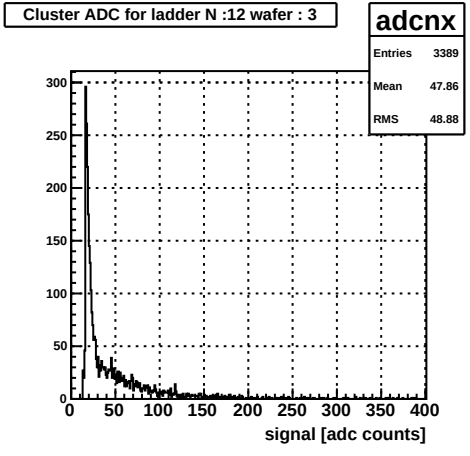

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 3520
Mean 47.2
RMS 47.72
signal [adc counts]

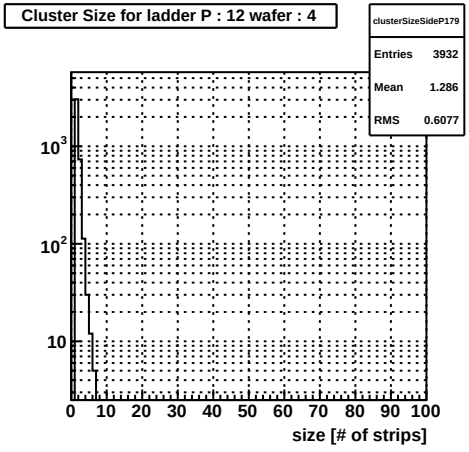

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3336
Mean 1.408
RMS 0.7007
size [# of strips]

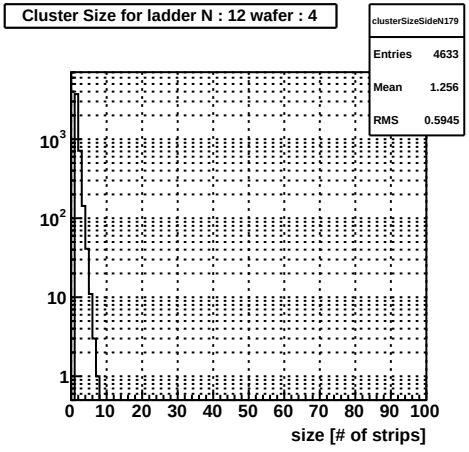

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3389
Mean 1.359
RMS 0.7197
size [# of strips]

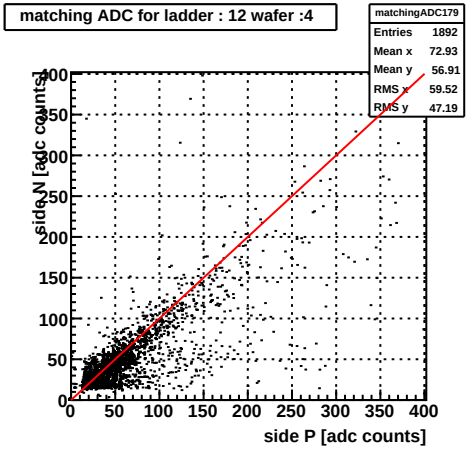

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1731
Mean x 74.77
Mean y 64.45
RMS x 60.25
RMS y 51.03
side N [adc counts]
side P [adc counts]

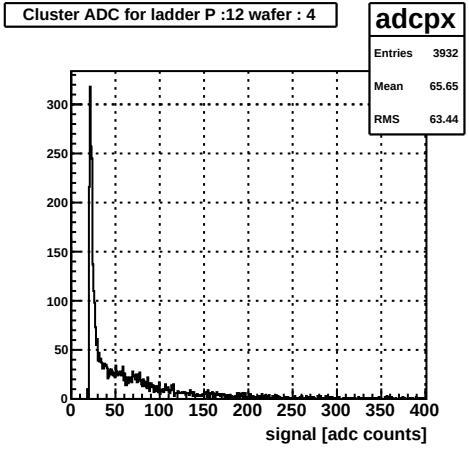

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3336
Mean 75.7
RMS 62.91
signal [adc counts]

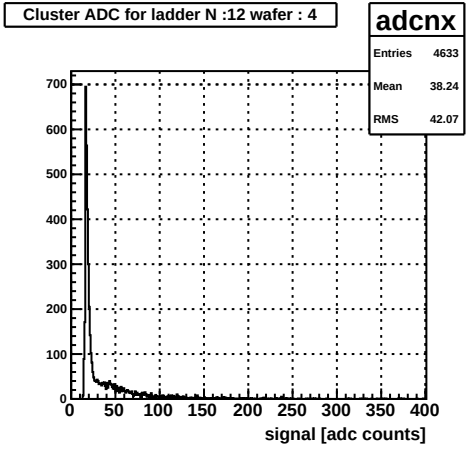

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3389
Mean 47.86
RMS 48.88
signal [adc counts]

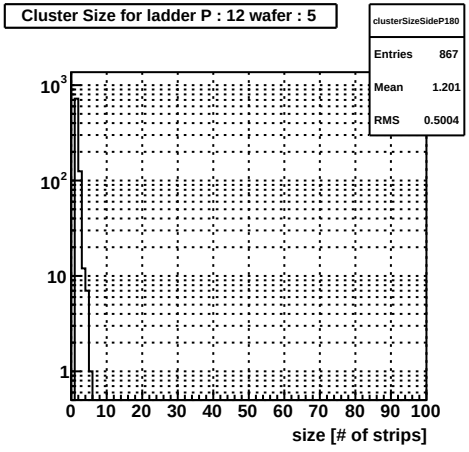

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3932
Mean 1.286
RMS 0.6077
size [# of strips]

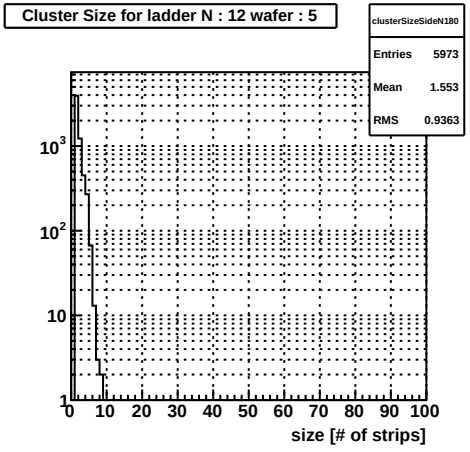

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 4633
Mean 1.256
RMS 0.5945
size [# of strips]

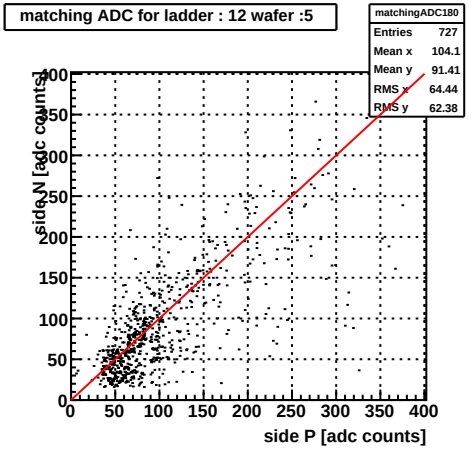

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1892
Mean x 72.93
Mean y 56.91
RMS x 59.52
RMS y 47.19
side N [adc counts]
side P [adc counts]

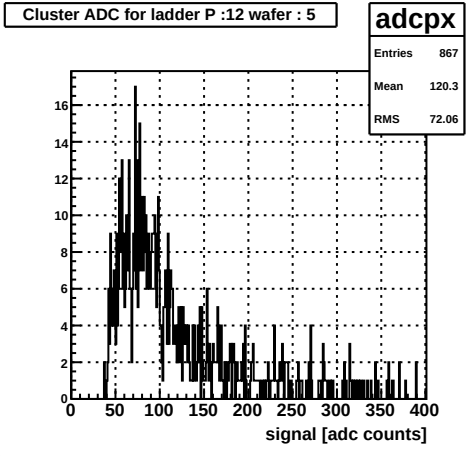

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3932
Mean 65.65
RMS 63.44
signal [adc counts]

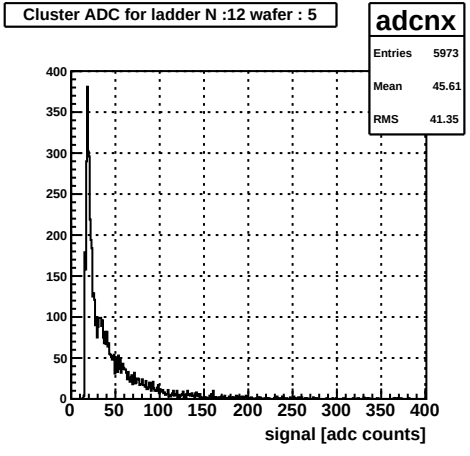

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 4633
Mean 38.24
RMS 42.07
signal [adc counts]

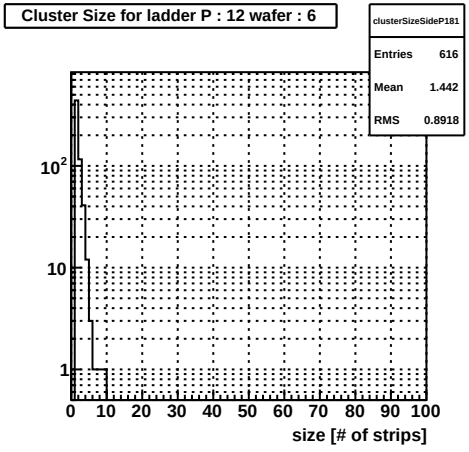

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 867
Mean 1.201
RMS 0.5004
size [# of strips]

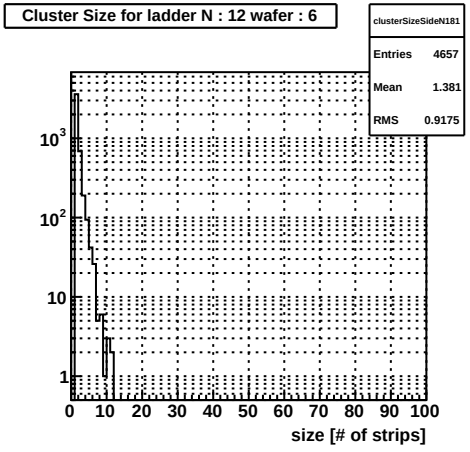

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 5973
Mean 1.553
RMS 0.9363
size [# of strips]

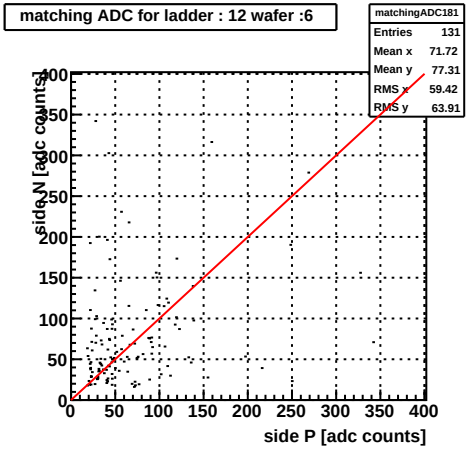

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 727
Mean x 104.1
Mean y 91.41
RMS x 64.44
RMS y 62.38
side N [adc counts]
side P [adc counts]

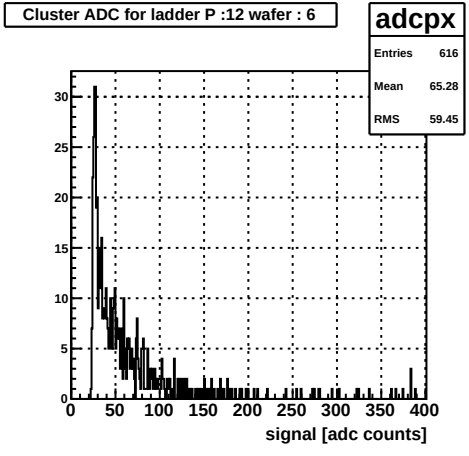

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 867
Mean 120.3
RMS 72.06
signal [adc counts]

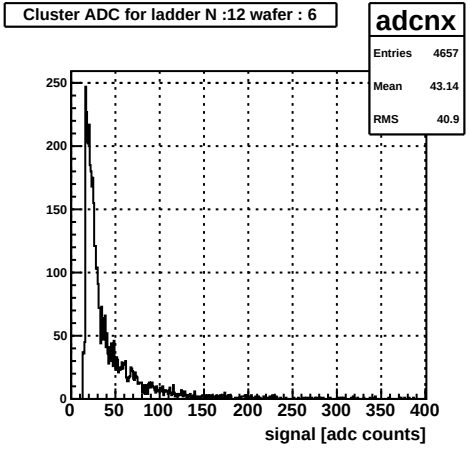

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 5973
Mean 45.61
RMS 41.35
signal [adc counts]

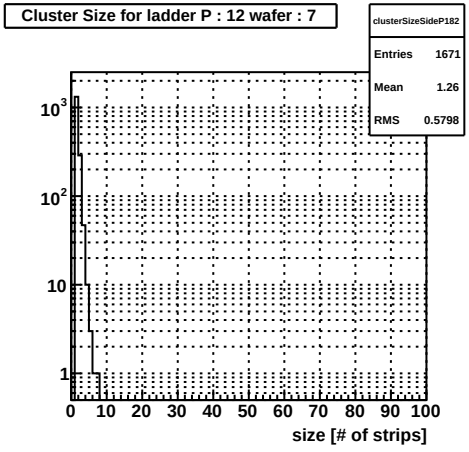

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 616
Mean 1.442
RMS 0.8918
size [# of strips]

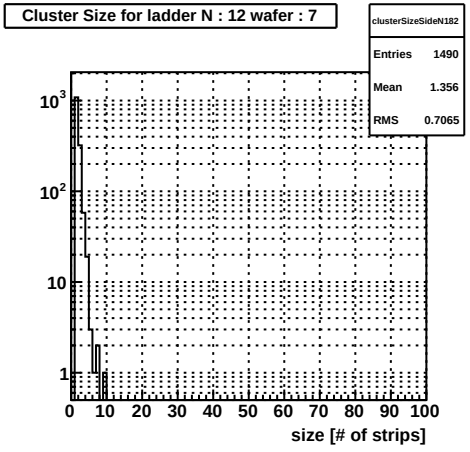

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4657
Mean 1.381
RMS 0.9175
size [# of strips]

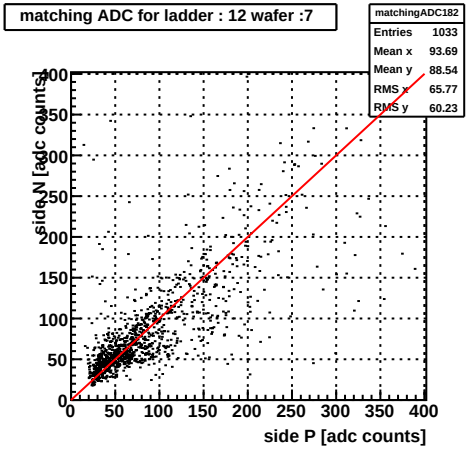

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 131
Mean x 71.72
Mean y 77.31
RMS x 59.42
RMS y 63.91
side N [adc counts]
side P [adc counts]

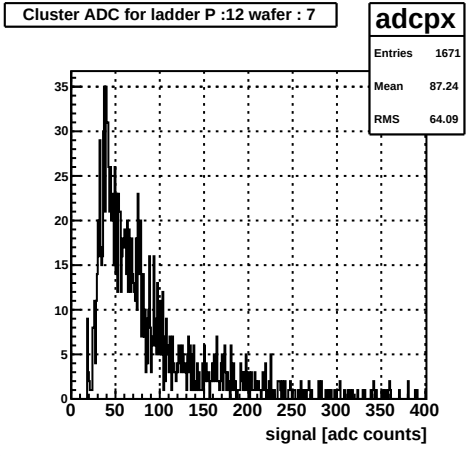

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 616
Mean 65.28
RMS 59.45
signal [adc counts]

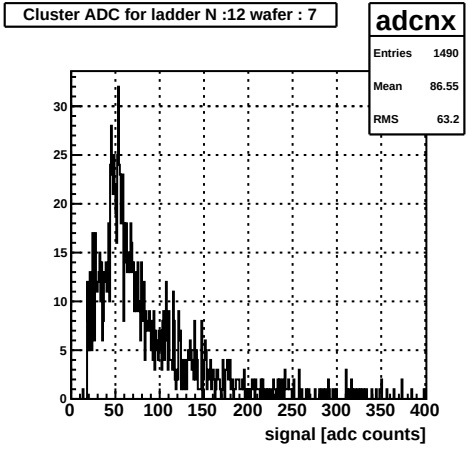

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4657
Mean 43.14
RMS 40.9
signal [adc counts]

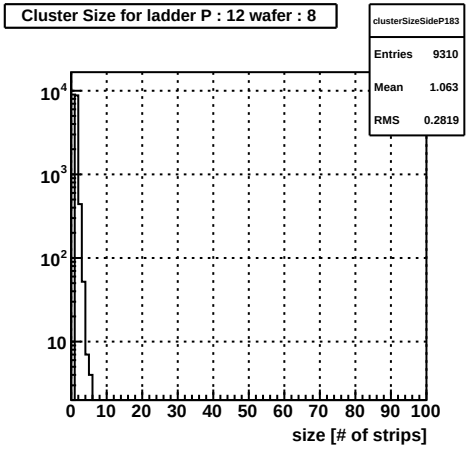

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1671
Mean 1.26
RMS 0.5798
size [# of strips]

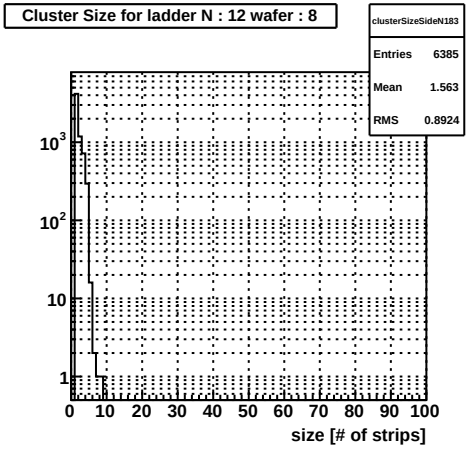

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 1490
Mean 1.356
RMS 0.7065
size [# of strips]

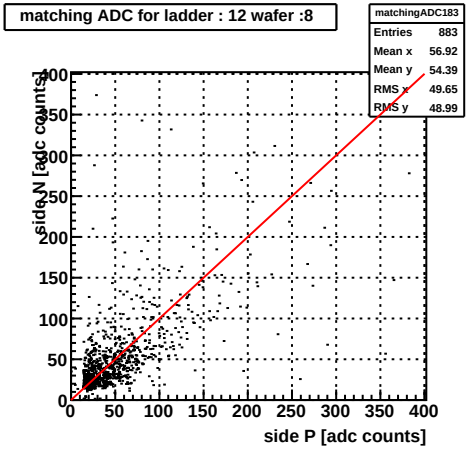

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1033
Mean x 93.69
Mean y 88.54
RMS x 65.77
RMS y 60.23
side N [adc counts]
side P [adc counts]

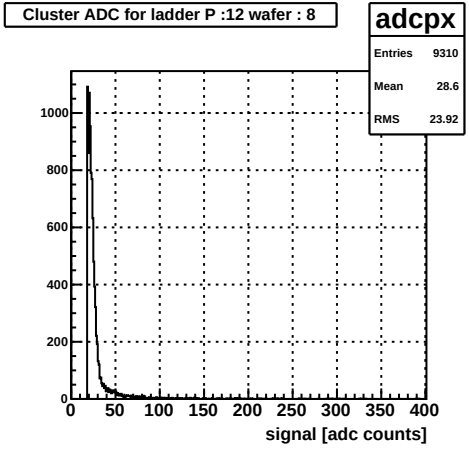

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1671
Mean 87.24
RMS 64.09
signal [adc counts]

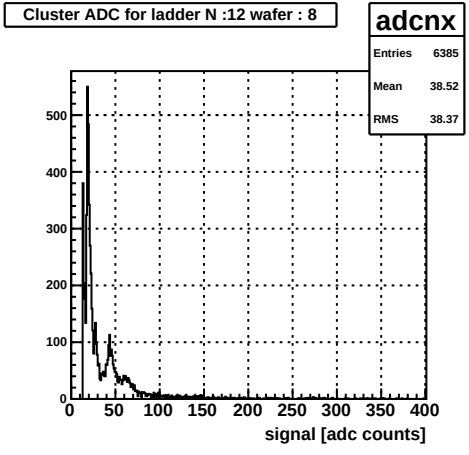

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 1490
Mean 86.55
RMS 63.2
signal [adc counts]

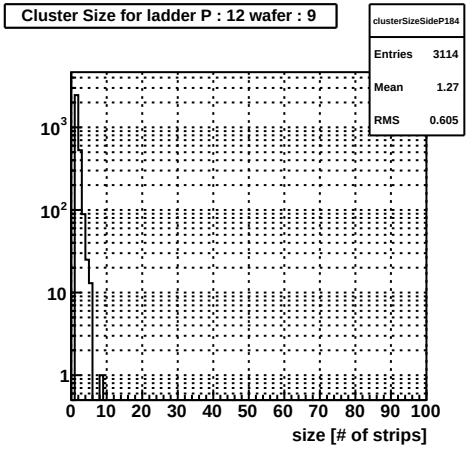

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 9310
Mean 1.063
RMS 0.2819
size [# of strips]

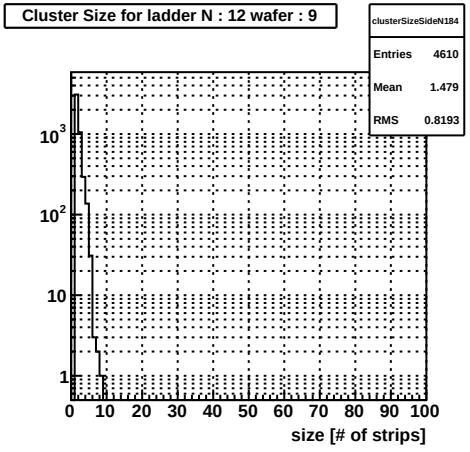

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 6385
Mean 1.563
RMS 0.8924
size [# of strips]

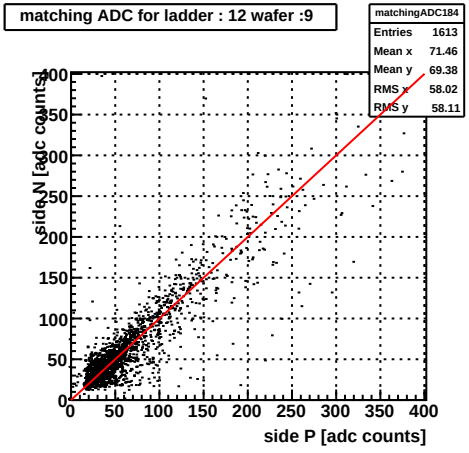

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 883
Mean x 56.92
Mean y 54.39
RMS x 49.65
RMS y 48.99
side N [adc counts]
side P [adc counts]

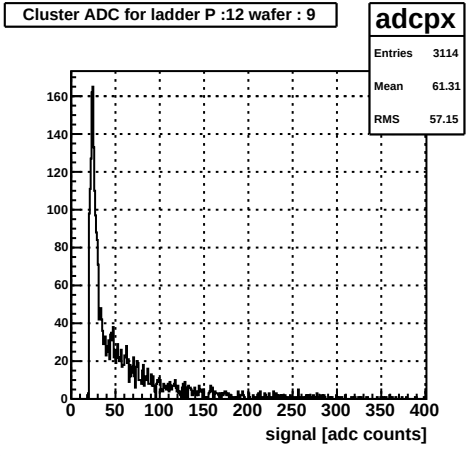

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 9310
Mean 28.6
RMS 23.92
signal [adc counts]

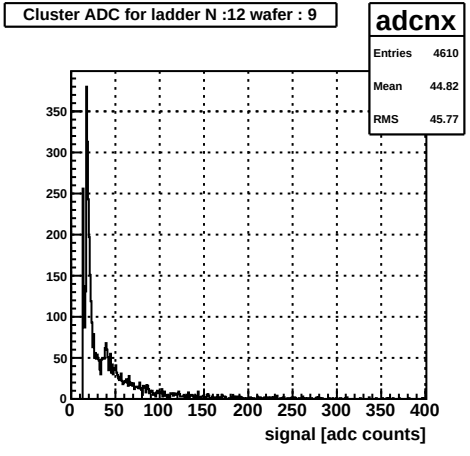

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 6385
Mean 38.52
RMS 38.37
signal [adc counts]

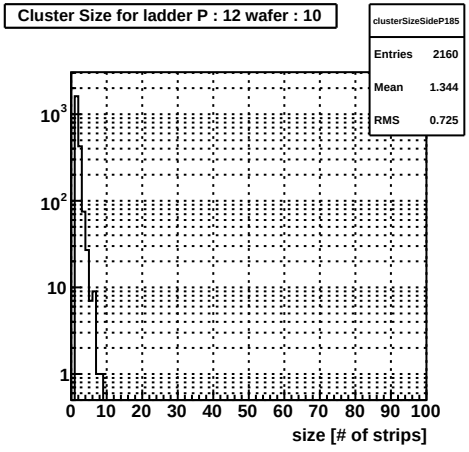

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3114
Mean 1.27
RMS 0.605
size [# of strips]

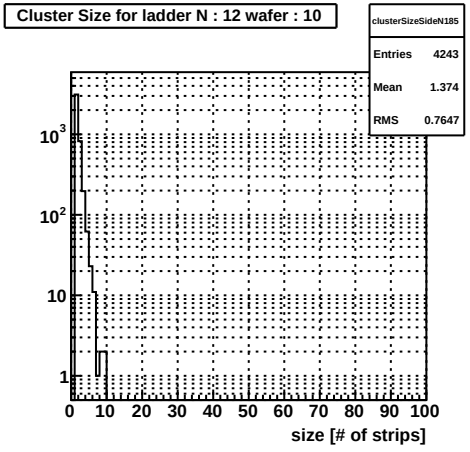

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4610
Mean 1.479
RMS 0.8193
size [# of strips]

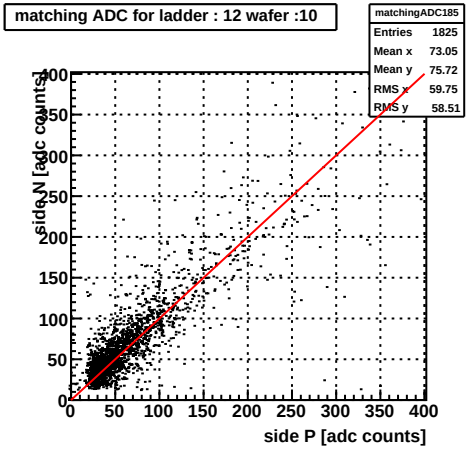

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1613
Mean x 71.46
Mean y 69.38
RMS x 58.02
RMS y 58.11
side N [adc counts]
side P [adc counts]

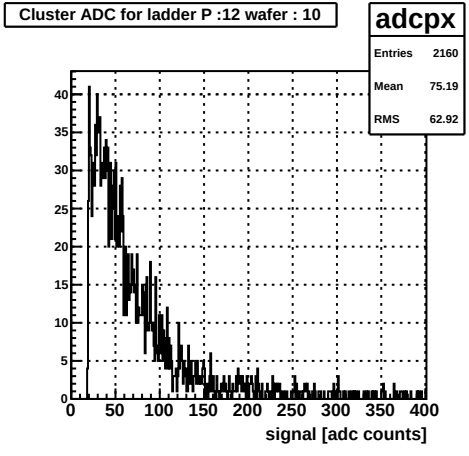

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3114
Mean 61.31
RMS 57.15
signal [adc counts]

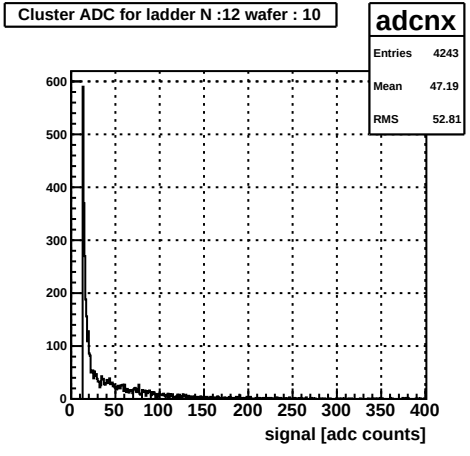

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4610
Mean 44.82
RMS 45.77
signal [adc counts]

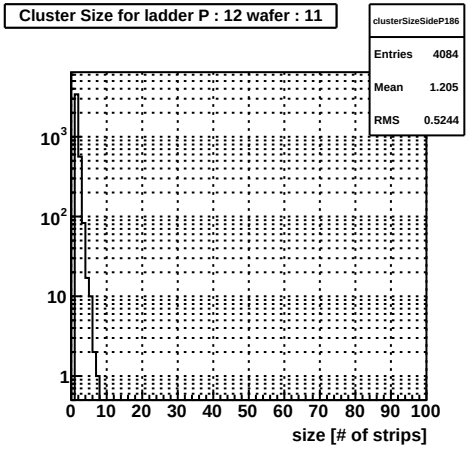

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2160
Mean 1.344
RMS 0.725
size [# of strips]

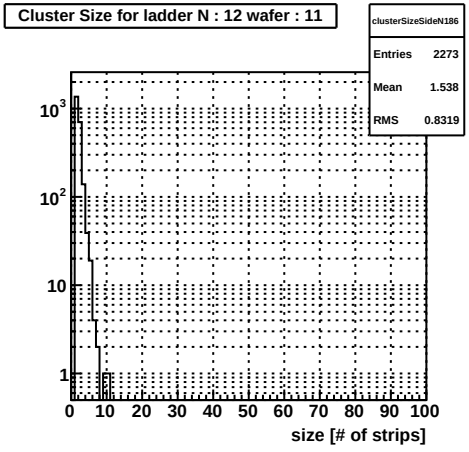

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4243
Mean 1.374
RMS 0.7647
size [# of strips]

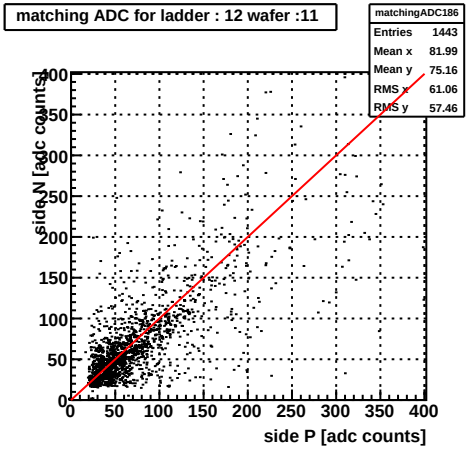

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1825
Mean x 73.05
Mean y 75.72
RMS x 59.75
RMS y 58.51
side N [adc counts]
side P [adc counts]

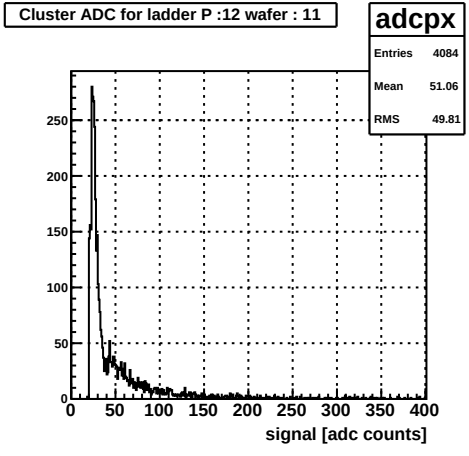

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2160
Mean 75.19
RMS 62.92
signal [adc counts]

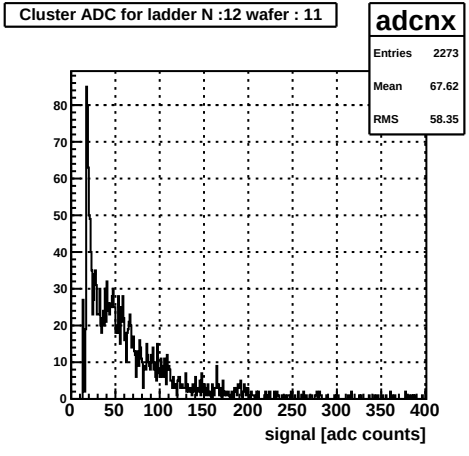

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4243
Mean 47.19
RMS 52.81
signal [adc counts]

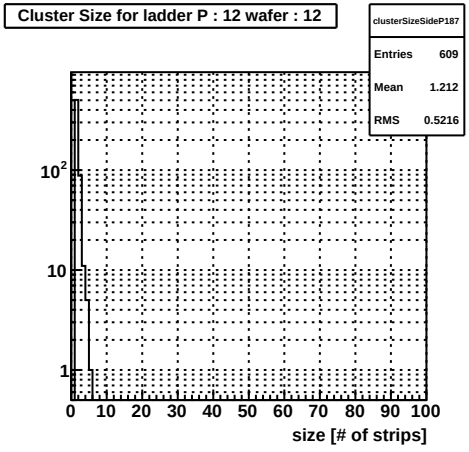

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4084
Mean 1.205
RMS 0.5244
size [# of strips]

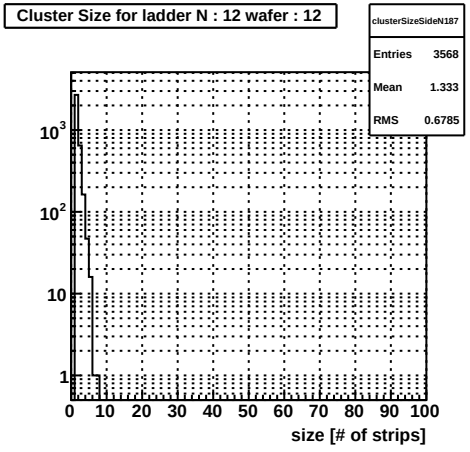

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2273
Mean 1.538
RMS 0.8319
size [# of strips]

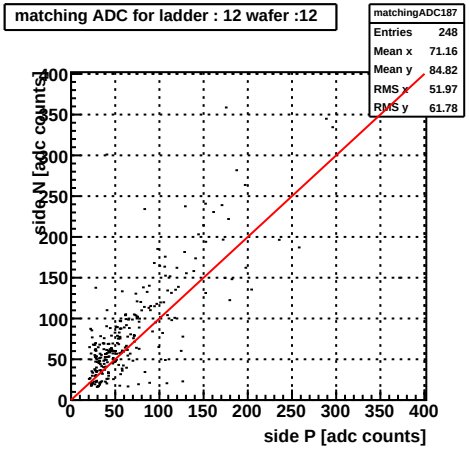

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1443
Mean x 81.99
Mean y 75.16
RMS x 61.06
RMS y 57.46
side N [adc counts]
side P [adc counts]

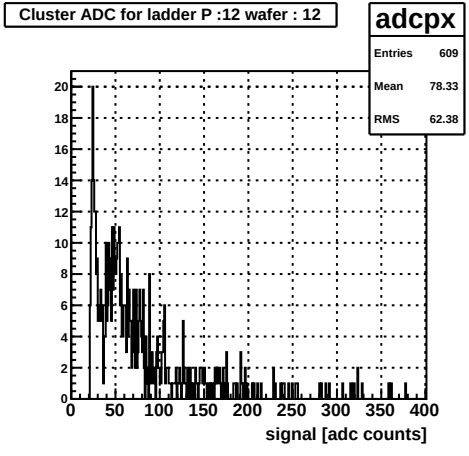

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4084
Mean 51.06
RMS 49.81
signal [adc counts]

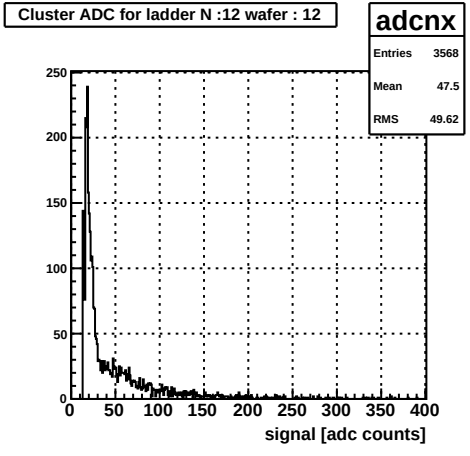

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2273
Mean 67.62
RMS 58.35
signal [adc counts]

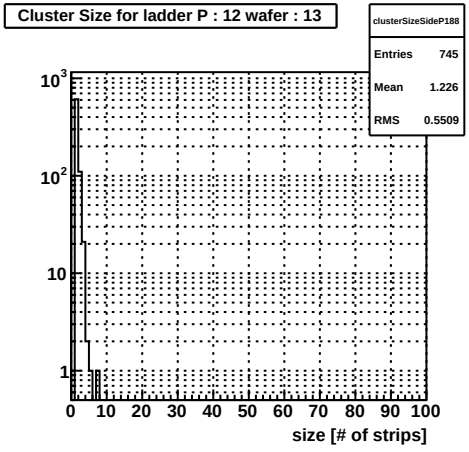

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 609
Mean 1.212
RMS 0.5216
size [# of strips]

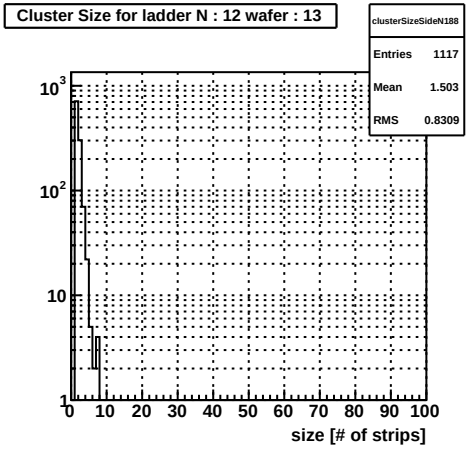

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3568
Mean 1.333
RMS 0.6785
size [# of strips]

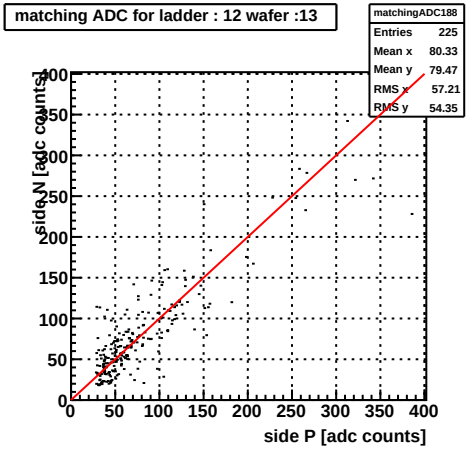

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 248
Mean x 71.16
Mean y 84.82
RMS x 51.97
RMS y 61.78
side N [adc counts]
side P [adc counts]

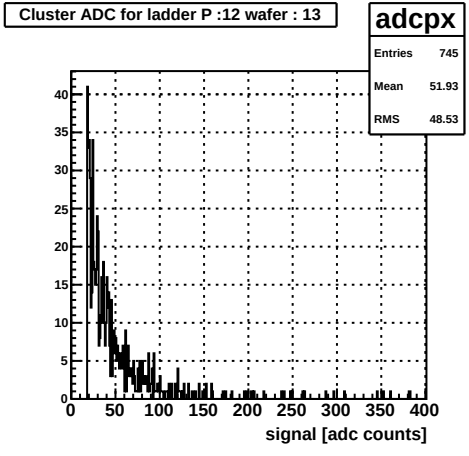

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 609
Mean 78.33
RMS 62.38
signal [adc counts]

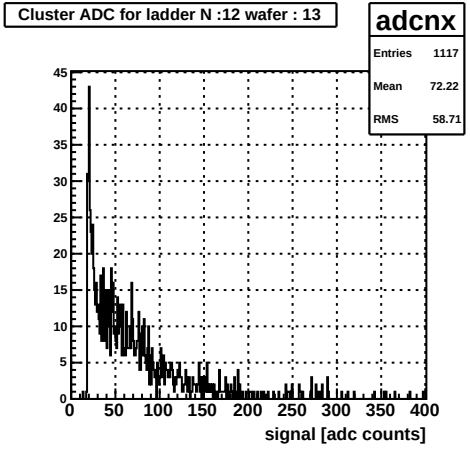

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3568
Mean 47.5
RMS 49.62
signal [adc counts]

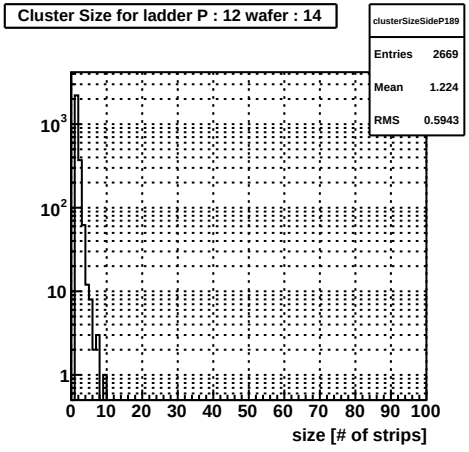

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 745
Mean 1.226
RMS 0.5509
size [# of strips]

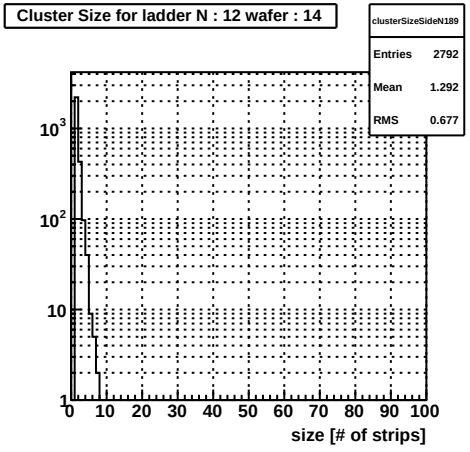

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1117
Mean 1.503
RMS 0.8309
size [# of strips]

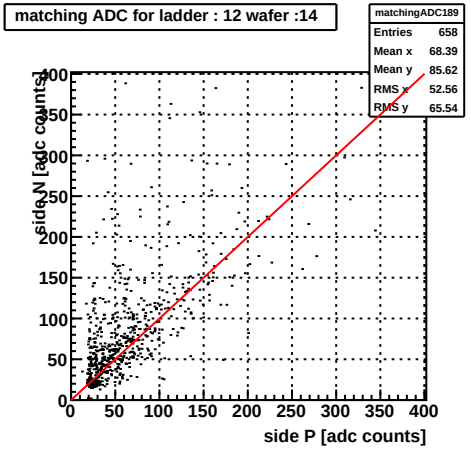

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 225
Mean x 80.33
Mean y 79.47
RMS x 57.21
RMS y 54.35
side N [adc counts]
side P [adc counts]

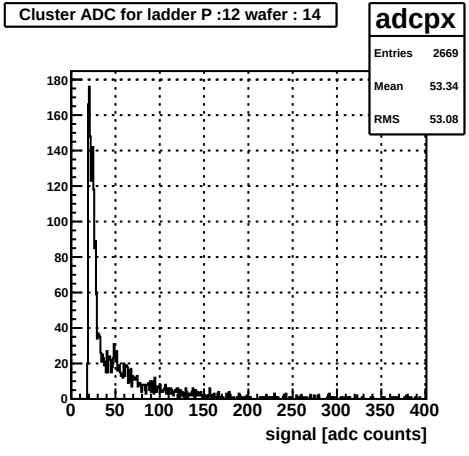

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 745
Mean 51.93
RMS 48.53
signal [adc counts]

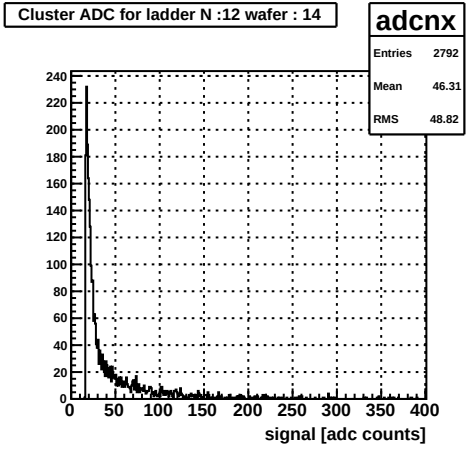

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1117
Mean 72.22
RMS 58.71
signal [adc counts]

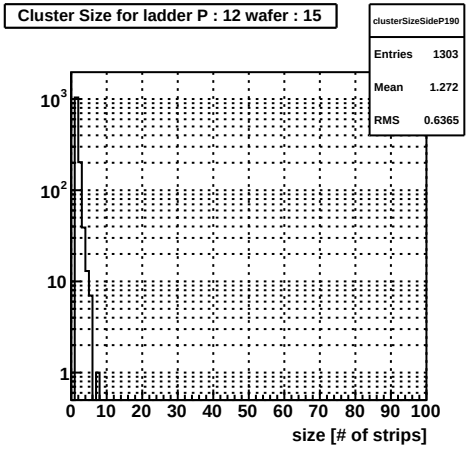

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2669
Mean 1.224
RMS 0.5943
size [# of strips]

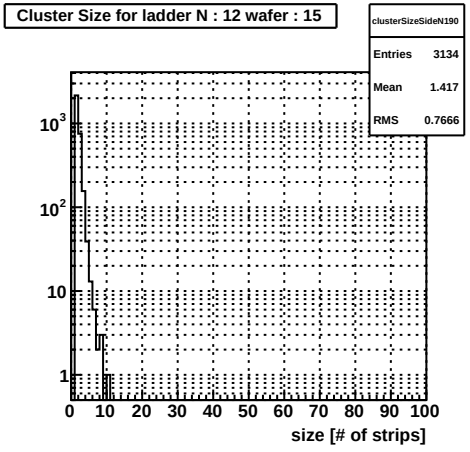

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2792
Mean 1.292
RMS 0.677
size [# of strips]

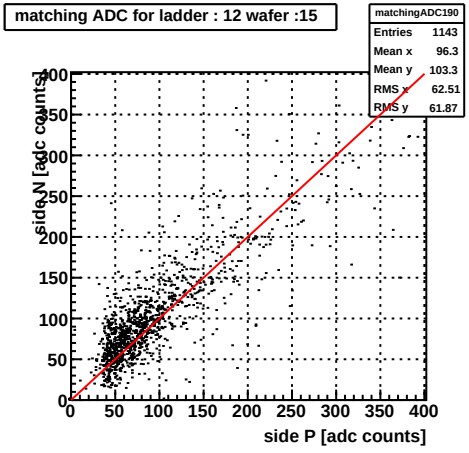

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 658
Mean x 68.39
Mean y 85.62
RMS x 52.56
RMS y 65.54
side N [adc counts]
side P [adc counts]

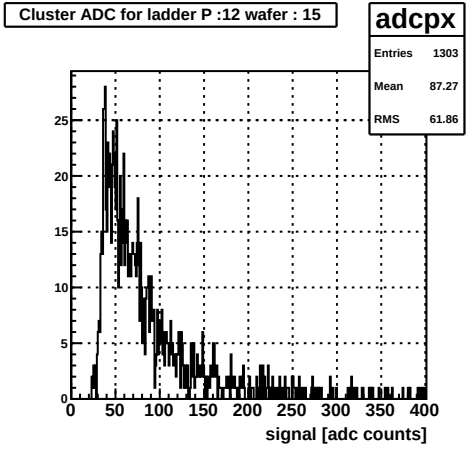

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2669
Mean 53.34
RMS 53.08
signal [adc counts]

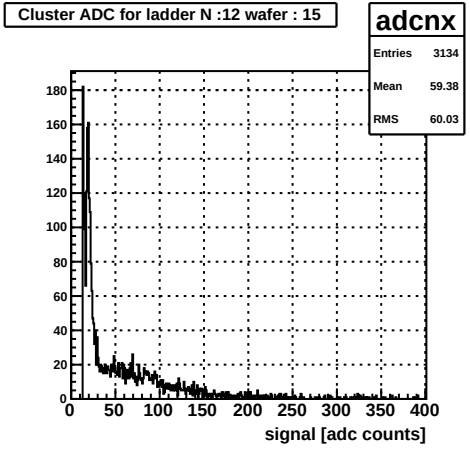

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2792
Mean 46.31
RMS 48.82
signal [adc counts]

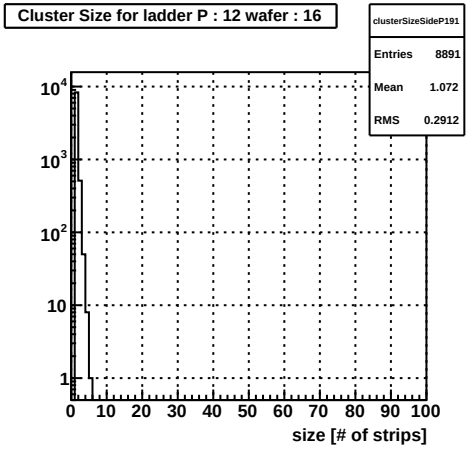

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1303
Mean 1.272
RMS 0.6365
size [# of strips]

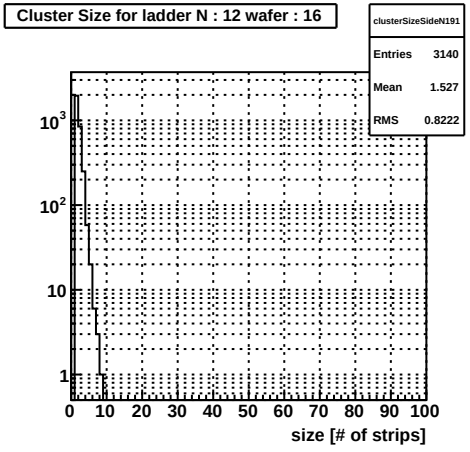

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3134
Mean 1.417
RMS 0.7666
size [# of strips]

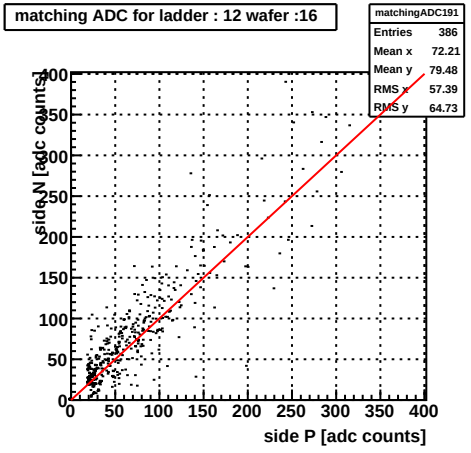

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1143
Mean x 96.3
Mean y 103.3
RMS x 62.51
RMS y 61.87
side N [adc counts]
side P [adc counts]

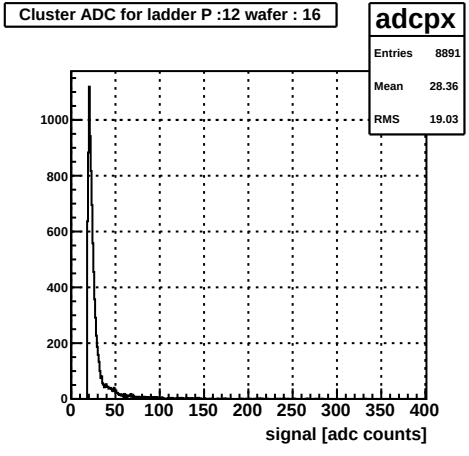

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1303
Mean 87.27
RMS 61.86
signal [adc counts]

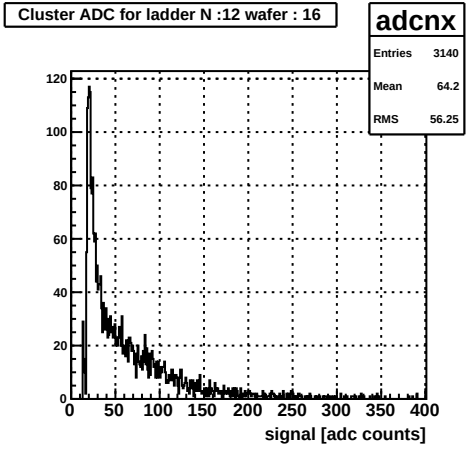

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3134
Mean 59.38
RMS 60.03
signal [adc counts]

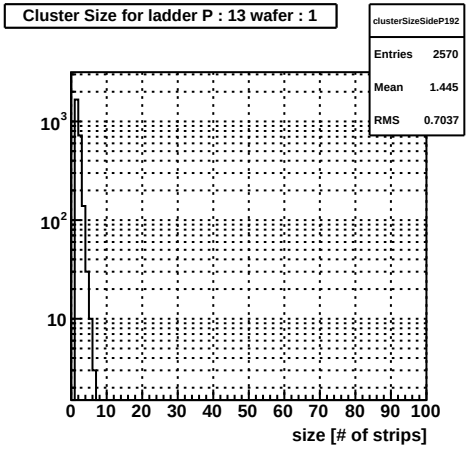

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 8891
Mean 1.072
RMS 0.2912
size [# of strips]

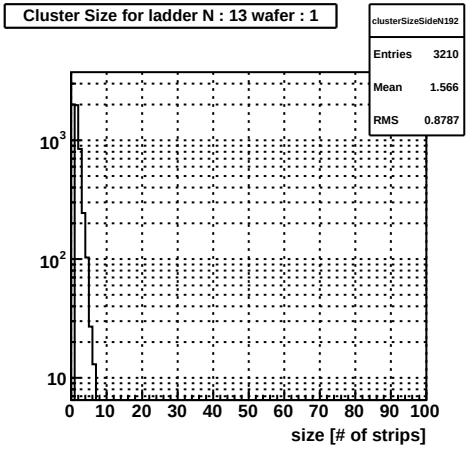

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3140
Mean 1.527
RMS 0.8222
size [# of strips]

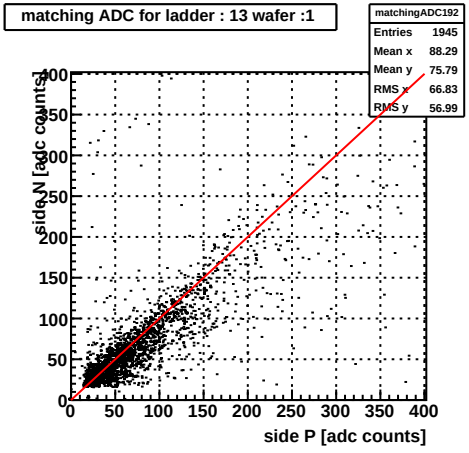

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 386
Mean x 72.21
Mean y 79.48
RMS x 57.39
RMS y 64.73
side N [adc counts]
side P [adc counts]

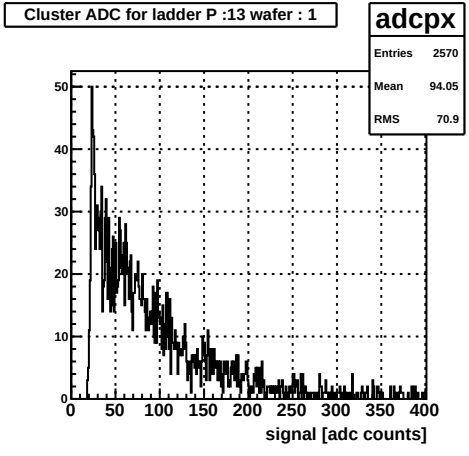

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 8891
Mean 28.36
RMS 19.03
signal [adc counts]

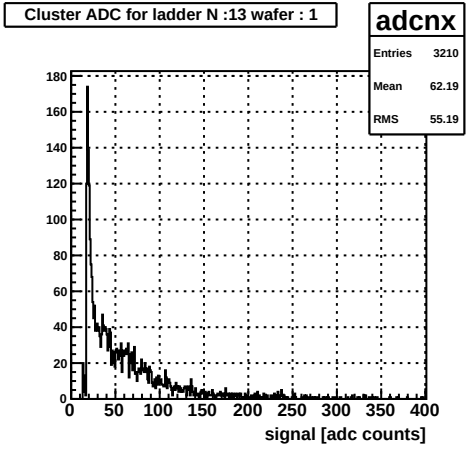

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3140
Mean 64.2
RMS 56.25
signal [adc counts]

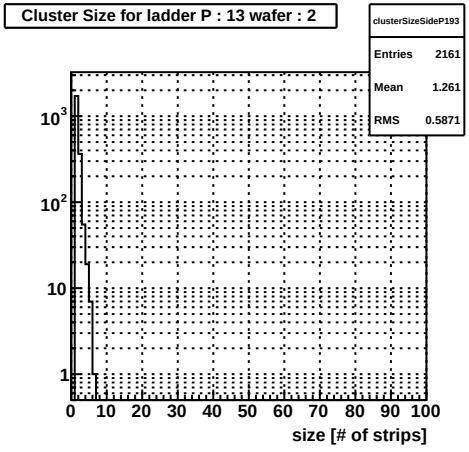

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2570
Mean 1.445
RMS 0.7037
size [# of strips]

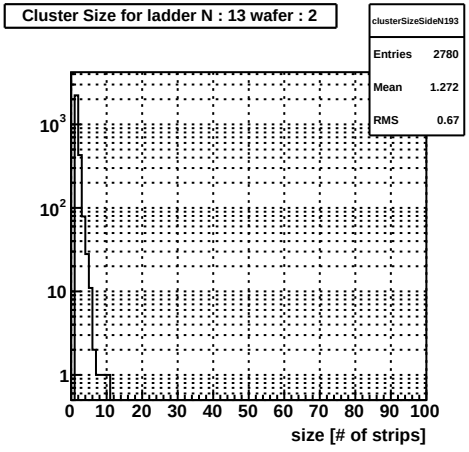

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3210
Mean 1.566
RMS 0.8787
size [# of strips]

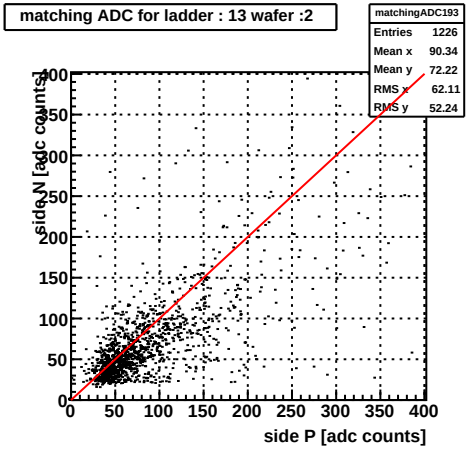

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1945
Mean x 88.29
Mean y 75.79
RMS x 66.83
RMS y 56.99
side N [adc counts]
side P [adc counts]

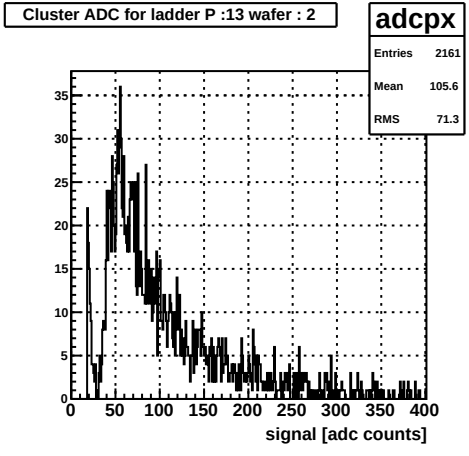

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2570
Mean 94.05
RMS 70.9
signal [adc counts]

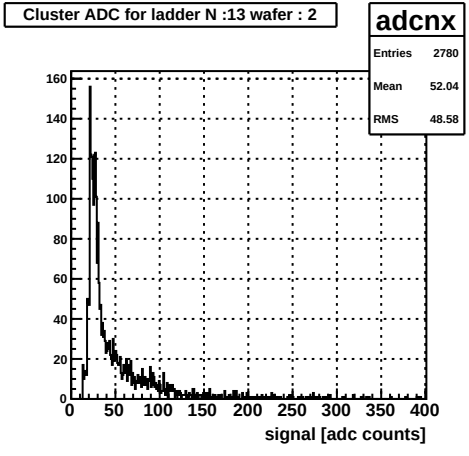

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3210
Mean 62.19
RMS 55.19
signal [adc counts]

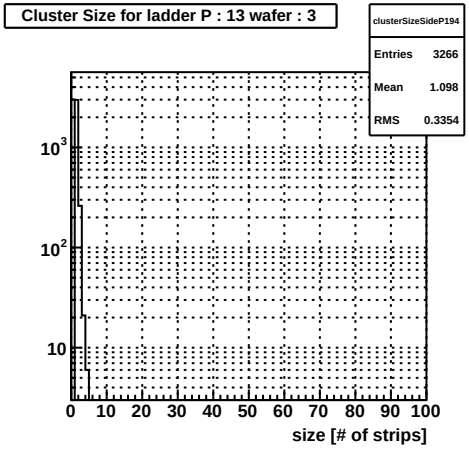

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2161
Mean 1.261
RMS 0.5871
size [# of strips]

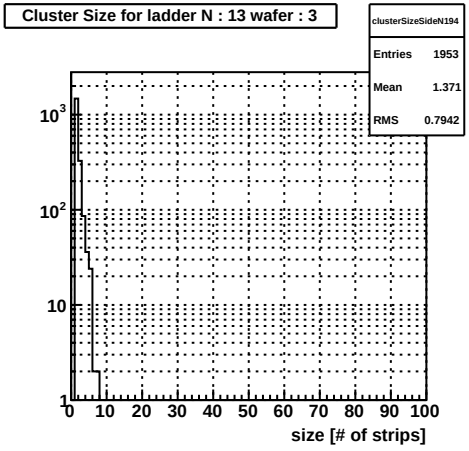

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2780
Mean 1.272
RMS 0.67
size [# of strips]

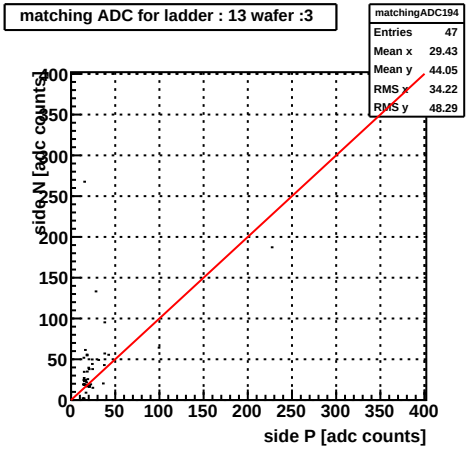

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1226
Mean x 90.34
Mean y 72.22
RMS x 62.11
RMS y 52.24
side N [adc counts]
side P [adc counts]

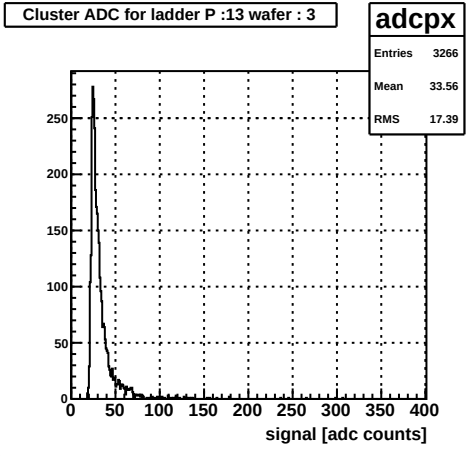

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2161
Mean 105.6
RMS 71.3
signal [adc counts]

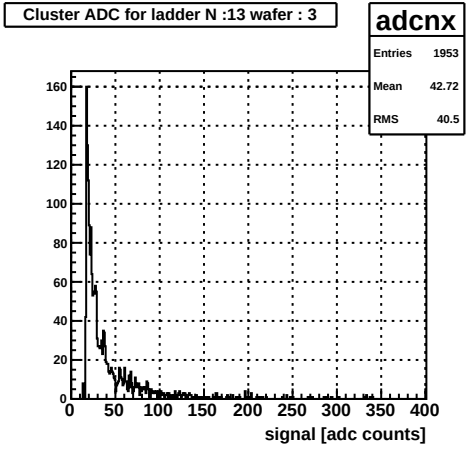

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2780
Mean 52.04
RMS 48.58
signal [adc counts]

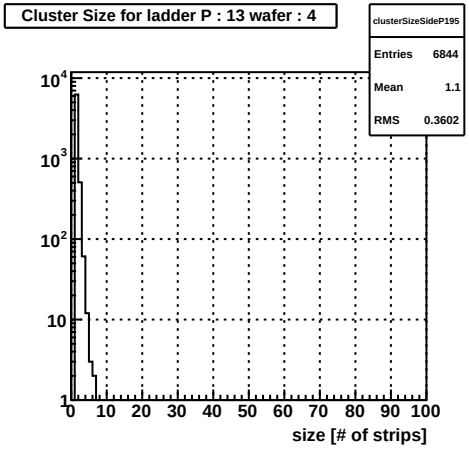

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3266
Mean 1.098
RMS 0.3354
size [# of strips]

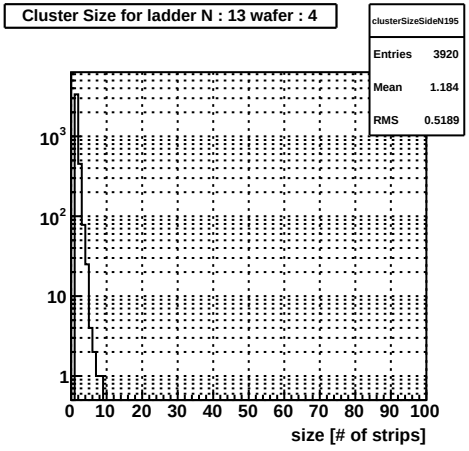

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1953
Mean 1.371
RMS 0.7942
size [# of strips]

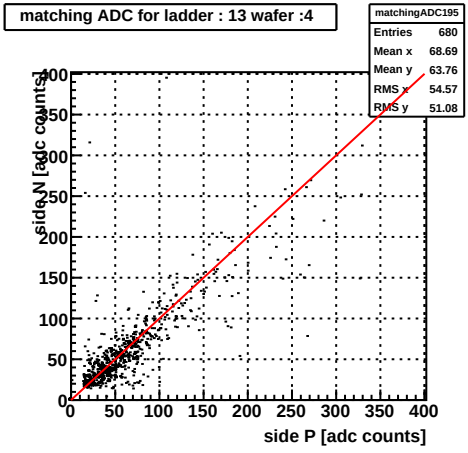

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 47
Mean x 29.43
Mean y 44.05
RMS x 34.22
RMS y 48.29
side N [adc counts]
side P [adc counts]

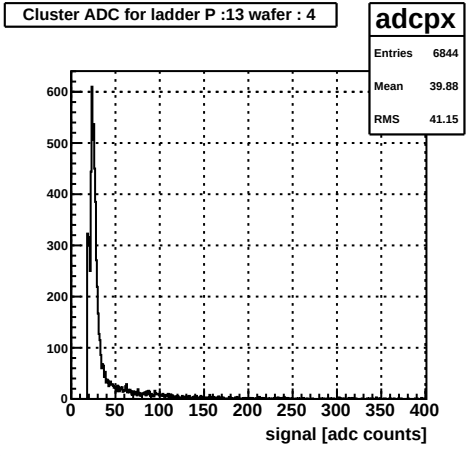

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3266
Mean 33.56
RMS 17.39
signal [adc counts]

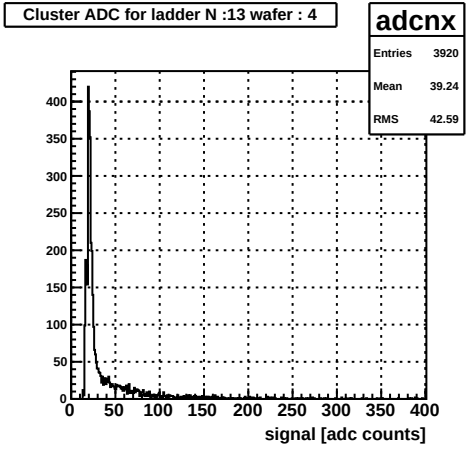

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1953
Mean 42.72
RMS 40.5
signal [adc counts]

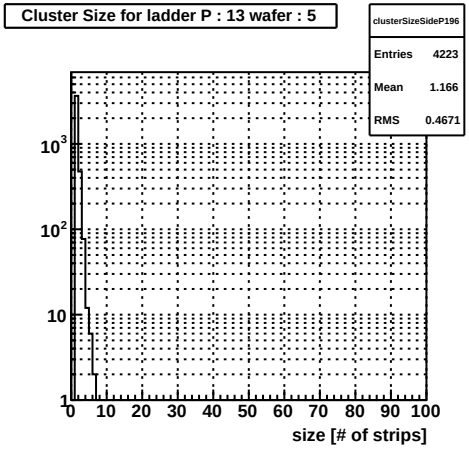

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 6844
Mean 1.1
RMS 0.3602
size [# of strips]

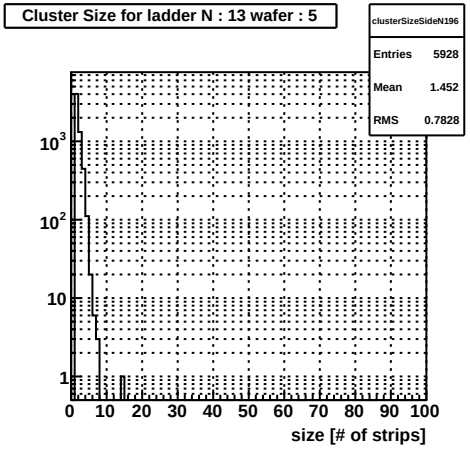

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3920
Mean 1.184
RMS 0.5189
size [# of strips]

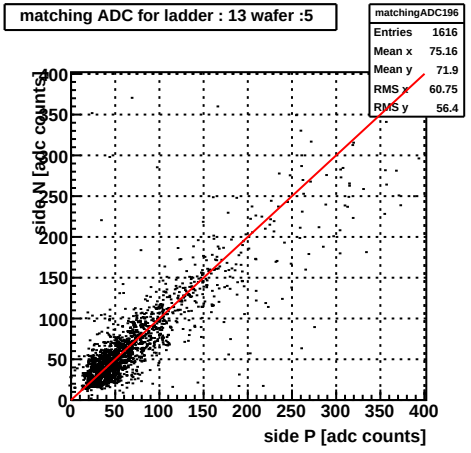

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 680
Mean x 68.69
Mean y 63.76
RMS x 54.57
RMS y 51.08
side N [adc counts]
side P [adc counts]

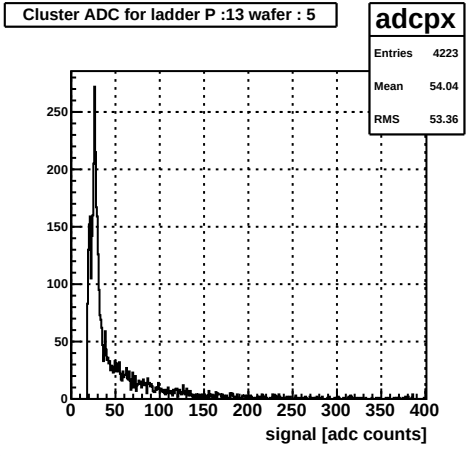

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 6844
Mean 39.88
RMS 41.15
signal [adc counts]

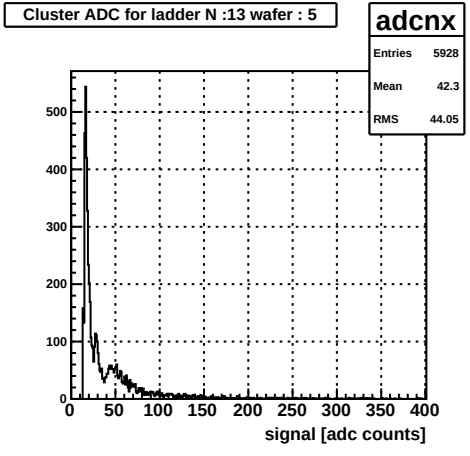

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3920
Mean 39.24
RMS 42.59
signal [adc counts]

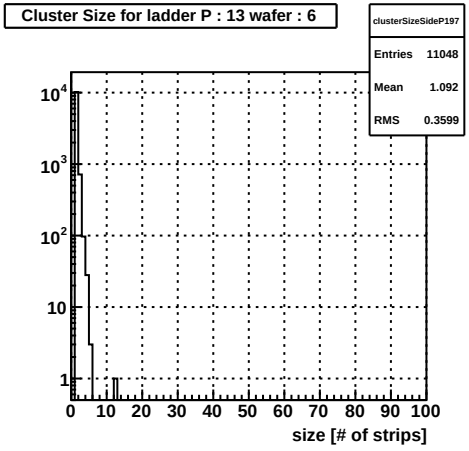

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4223
Mean 1.166
RMS 0.4671
size [# of strips]

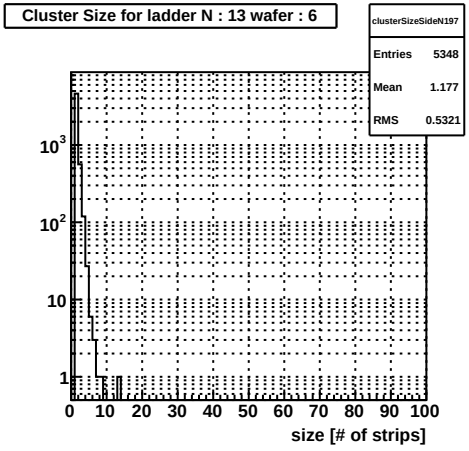

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5928
Mean 1.452
RMS 0.7828
size [# of strips]

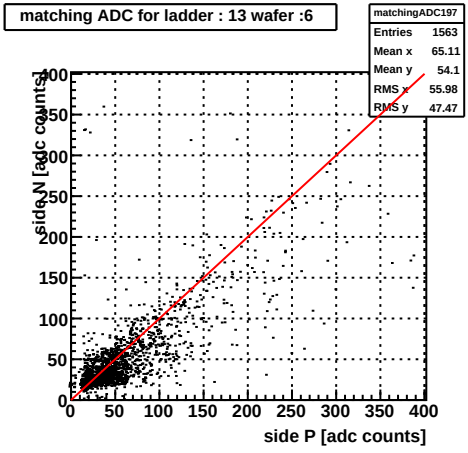

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1616
Mean x 75.16
Mean y 71.9
RMS x 60.75
RMS y 56.4
side N [adc counts]
side P [adc counts]

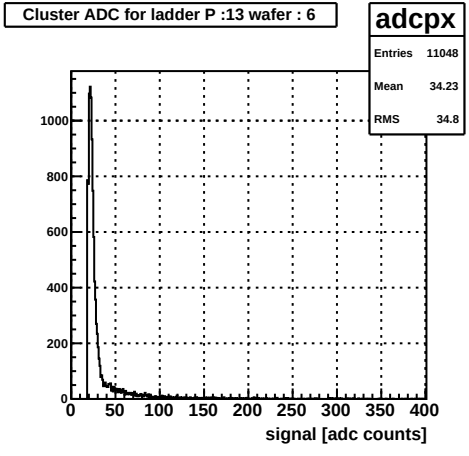

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4223
Mean 54.04
RMS 53.36
signal [adc counts]

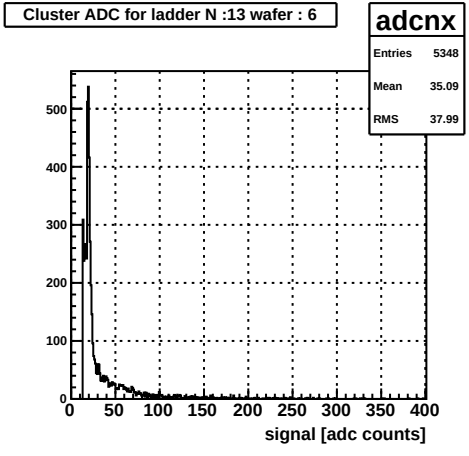

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5928
Mean 42.3
RMS 44.05
signal [adc counts]

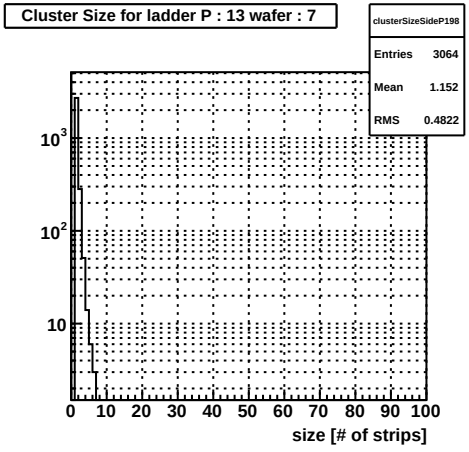

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11048
Mean 1.092
RMS 0.3599
size [# of strips]

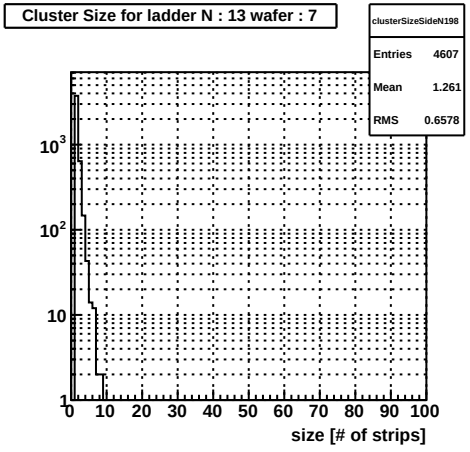

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5348
Mean 1.177
RMS 0.5321
size [# of strips]

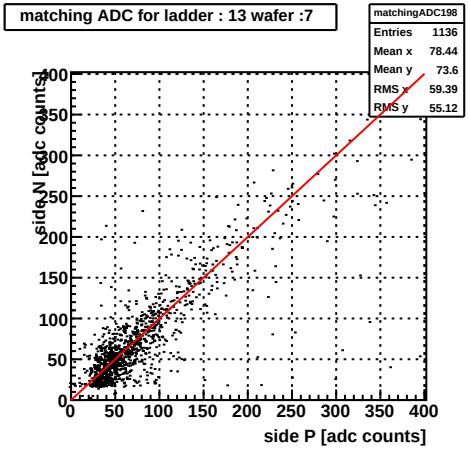

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1563
Mean x 65.11
Mean y 54.1
RMS x 55.98
RMS y 47.47
side N [adc counts]
side P [adc counts]

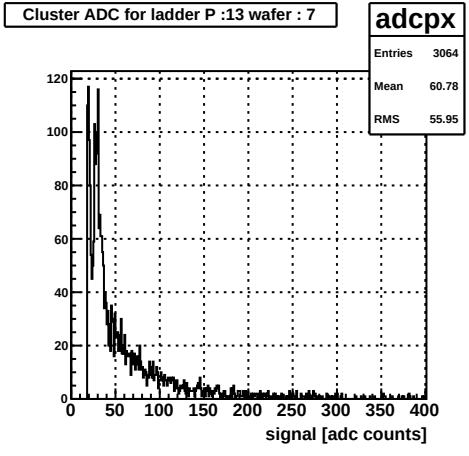

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11048
Mean 34.23
RMS 34.8
signal [adc counts]

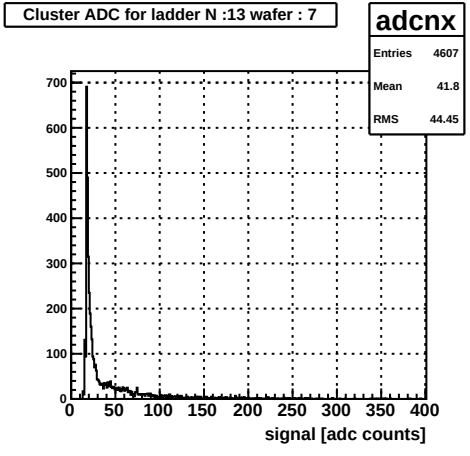

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5348
Mean 35.09
RMS 37.99
signal [adc counts]

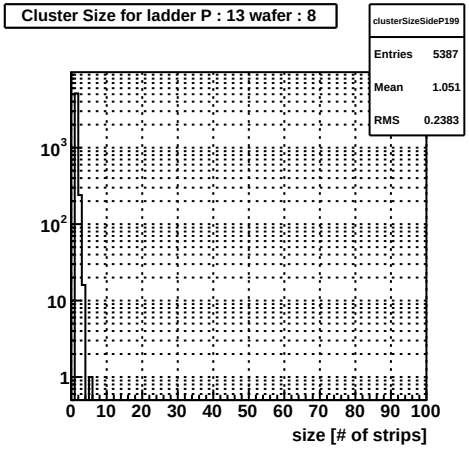

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 3064
Mean 1.152
RMS 0.4822
size [# of strips]

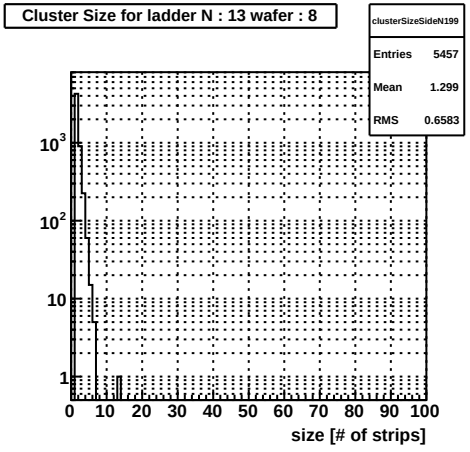

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4607
Mean 1.261
RMS 0.6578
size [# of strips]

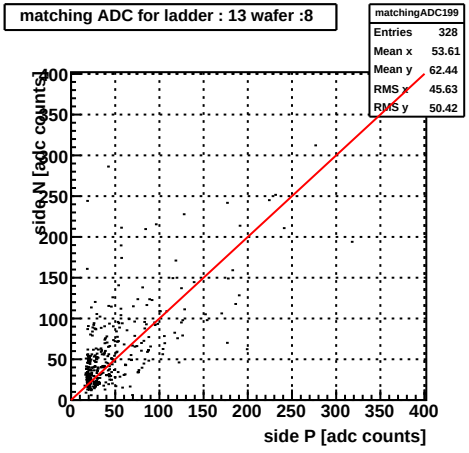

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1136
Mean x 78.44
Mean y 73.6
RMS x 59.39
RMS y 55.12
side N [adc counts]
side P [adc counts]

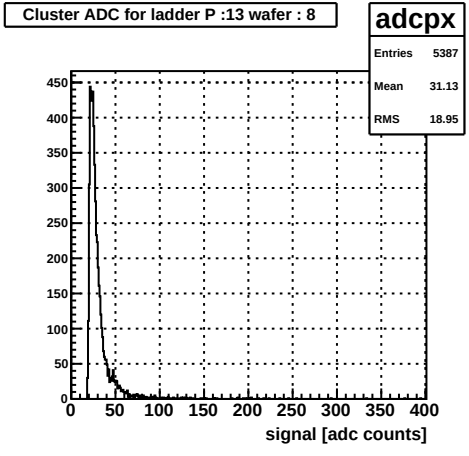

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 3064
Mean 60.78
RMS 55.95
signal [adc counts]

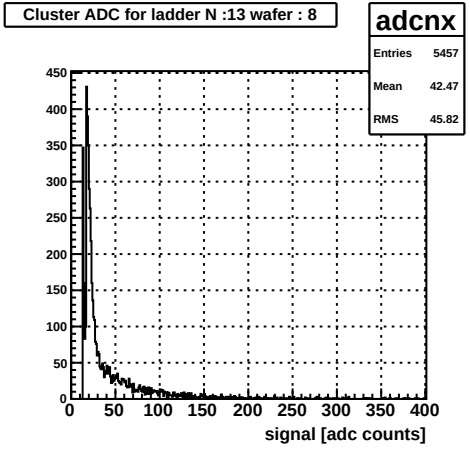

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4607
Mean 41.8
RMS 44.45
signal [adc counts]

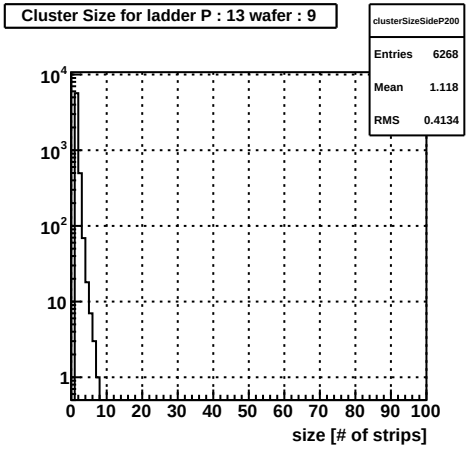

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5387
Mean 1.051
RMS 0.2383
size [# of strips]

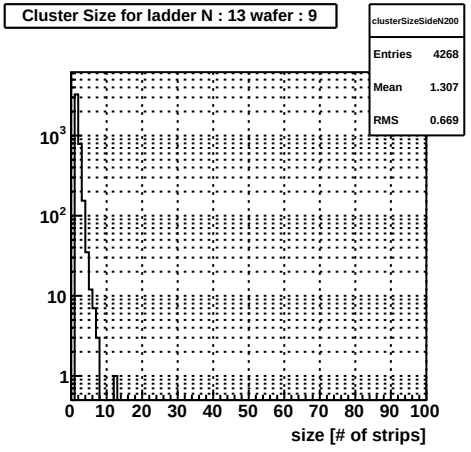

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5457
Mean 1.299
RMS 0.6583
size [# of strips]

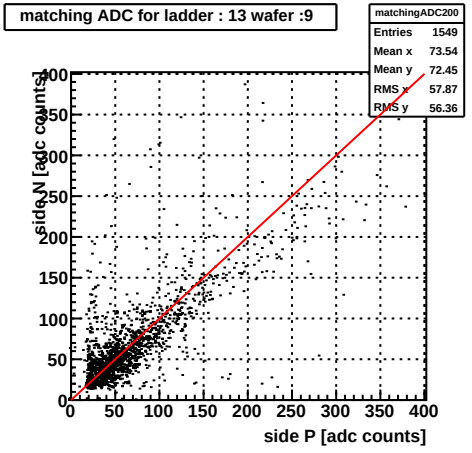

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 328
Mean x 53.61
Mean y 62.44
RMS x 45.63
RMS y 50.42
side N [adc counts]
side P [adc counts]

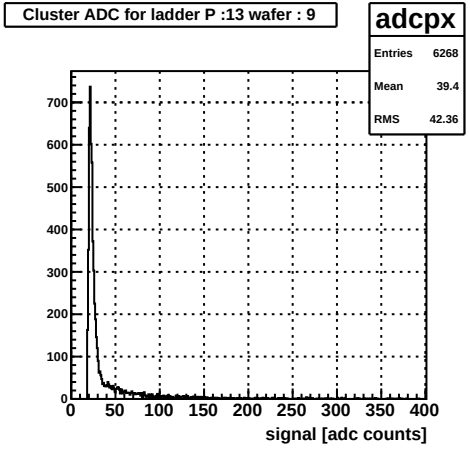

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5387
Mean 31.13
RMS 18.95
signal [adc counts]

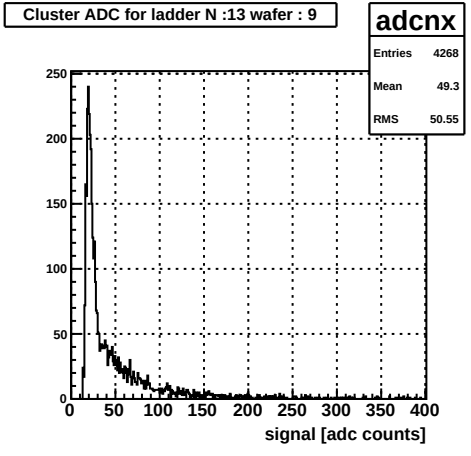

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5457
Mean 42.47
RMS 45.82
signal [adc counts]

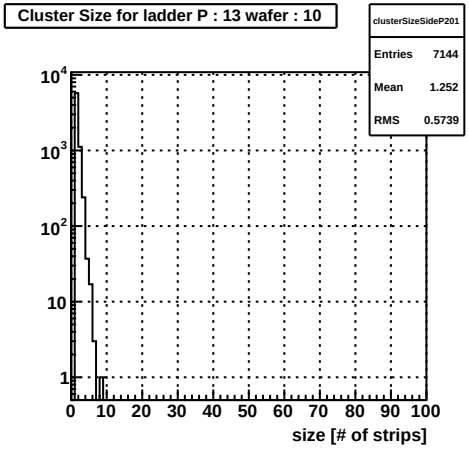

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6268
Mean 1.118
RMS 0.4134
size [# of strips]

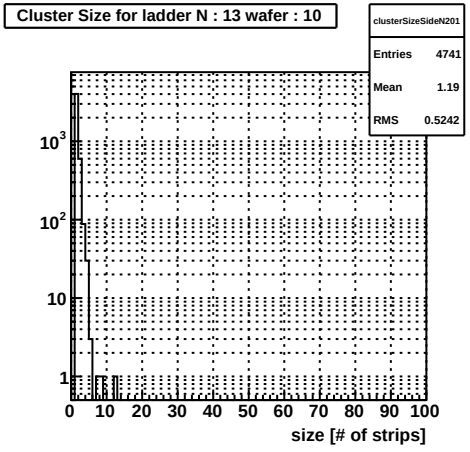

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4268
Mean 1.307
RMS 0.669
size [# of strips]

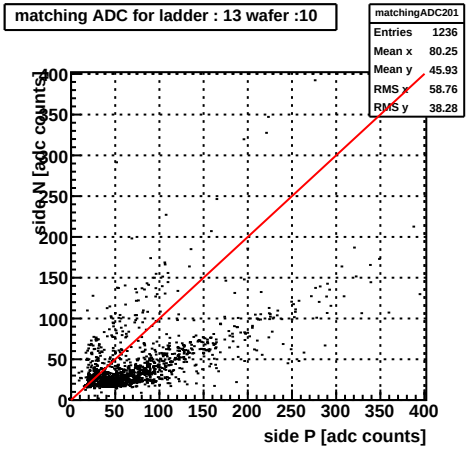

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1549
Mean x 73.54
Mean y 72.45
RMS x 57.87
RMS y 56.36
side N [adc counts]
side P [adc counts]

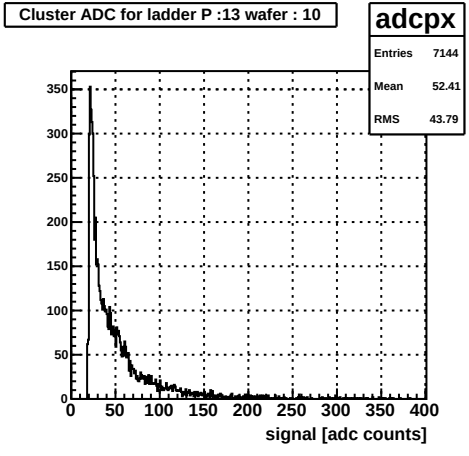

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6268
Mean 39.4
RMS 42.36
signal [adc counts]

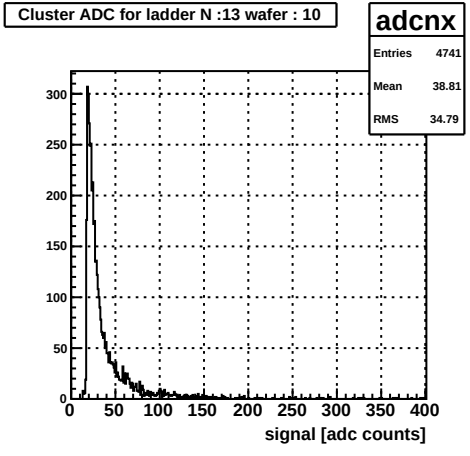

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4268
Mean 49.3
RMS 50.55
signal [adc counts]

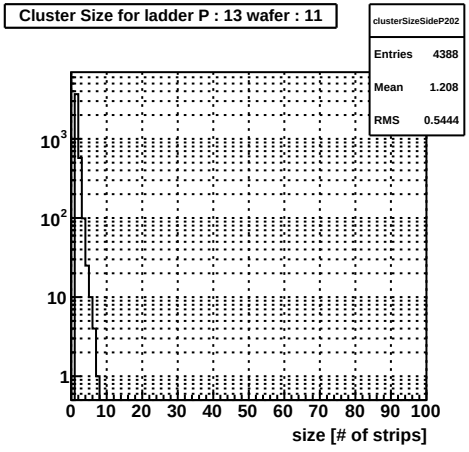

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7144
Mean 1.252
RMS 0.5739
size [# of strips]

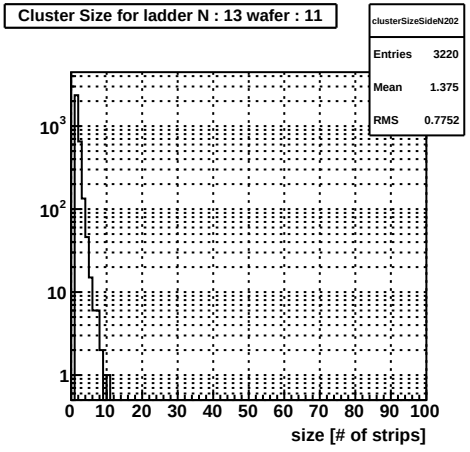

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4741
Mean 1.19
RMS 0.5242
size [# of strips]

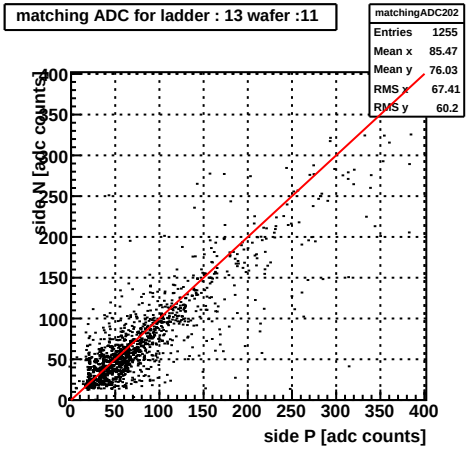

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1236
Mean x 80.25
Mean y 45.93
RMS x 58.76
RMS y 38.28
side N [adc counts]
side P [adc counts]

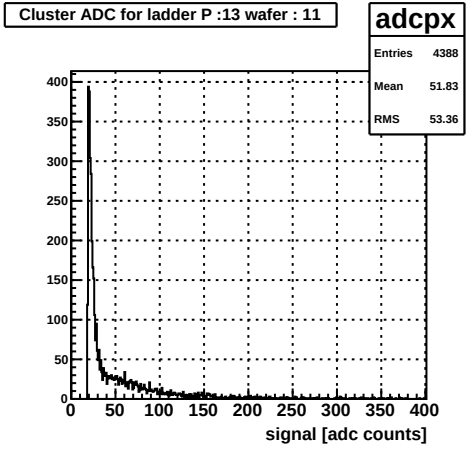

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7144
Mean 52.41
RMS 43.79
signal [adc counts]

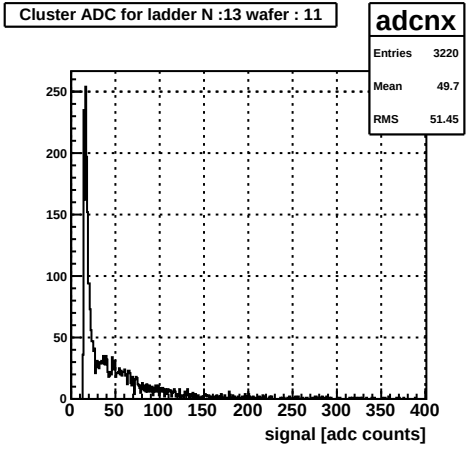

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4741
Mean 38.81
RMS 34.79
signal [adc counts]

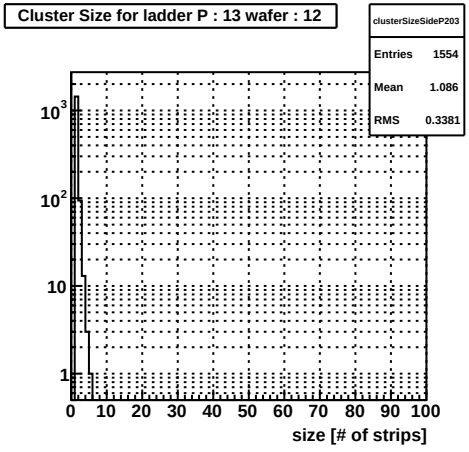

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4388
Mean 1.208
RMS 0.5444
size [# of strips]

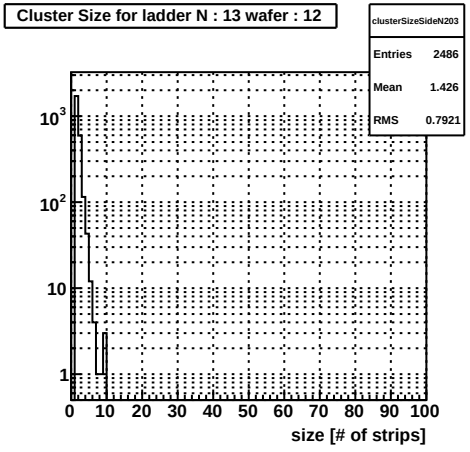

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3220
Mean 1.375
RMS 0.7752
size [# of strips]

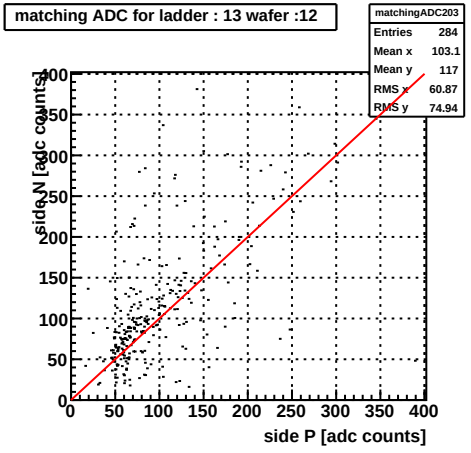

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1255
Mean x 85.47
Mean y 76.03
RMS x 67.41
RMS y 60.2
side N [adc counts]
side P [adc counts]

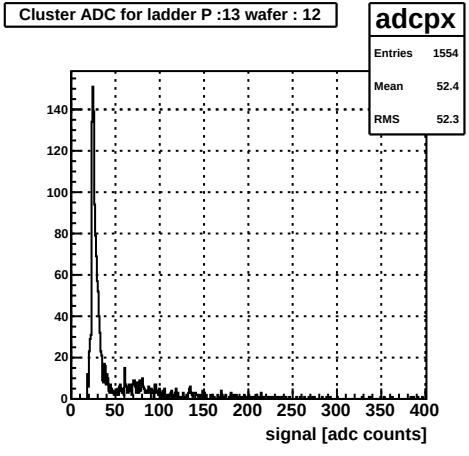

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4388
Mean 51.83
RMS 53.36
signal [adc counts]

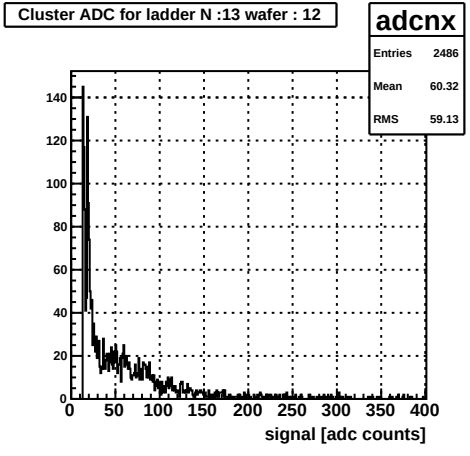

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3220
Mean 49.7
RMS 51.45
signal [adc counts]

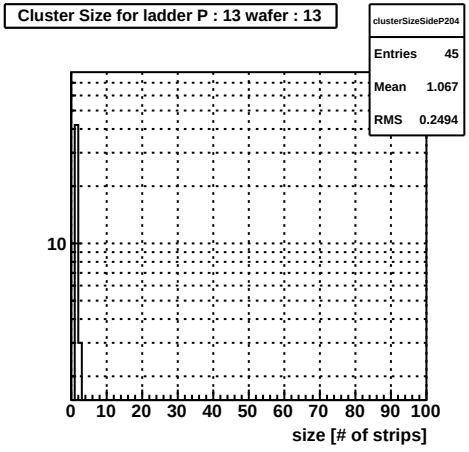

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1554
Mean 1.086
RMS 0.3381
size [# of strips]

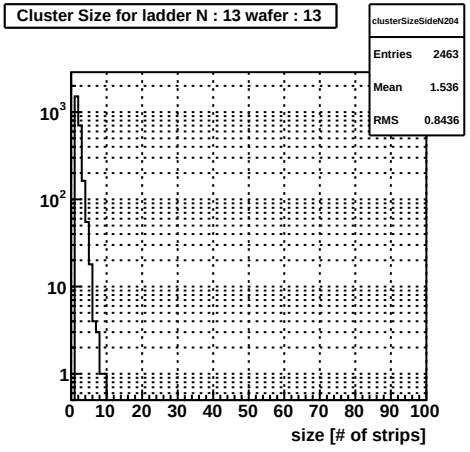

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2486
Mean 1.426
RMS 0.7921
size [# of strips]

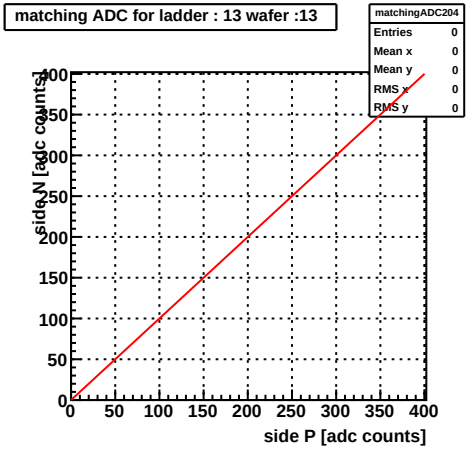

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 284
Mean x 103.1
Mean y 117
RMS x 60.87
RMS y 74.94
side N [adc counts]
side P [adc counts]

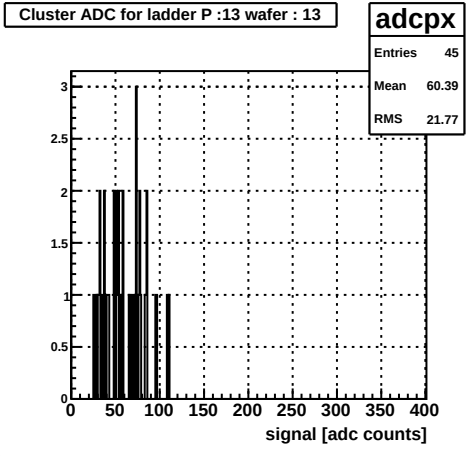

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1554
Mean 52.4
RMS 52.3
signal [adc counts]

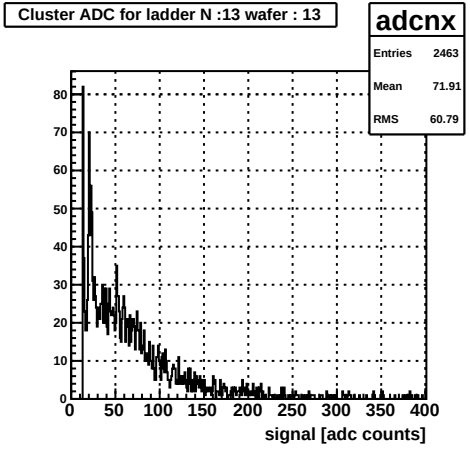

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2486
Mean 60.32
RMS 59.13
signal [adc counts]

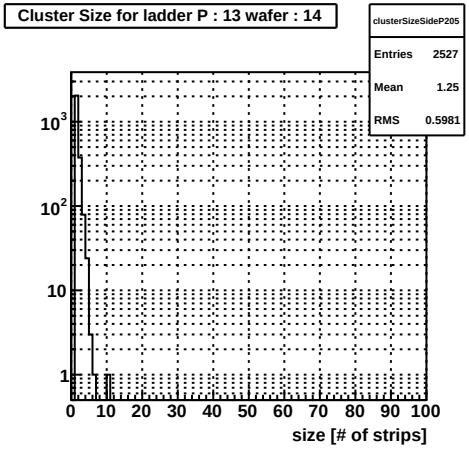

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 45
Mean 1.067
RMS 0.2494
size [# of strips]

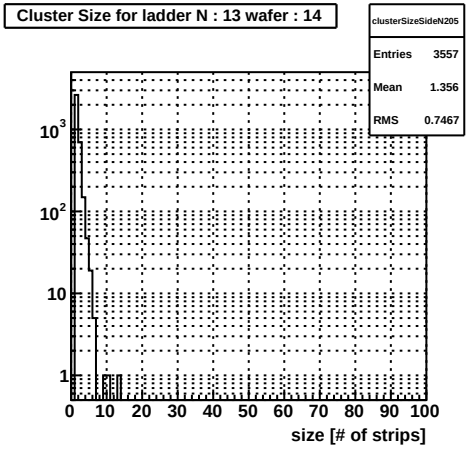

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2463
Mean 1.536
RMS 0.8436
size [# of strips]

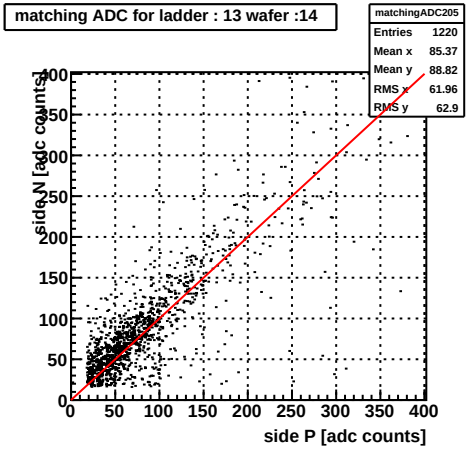

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

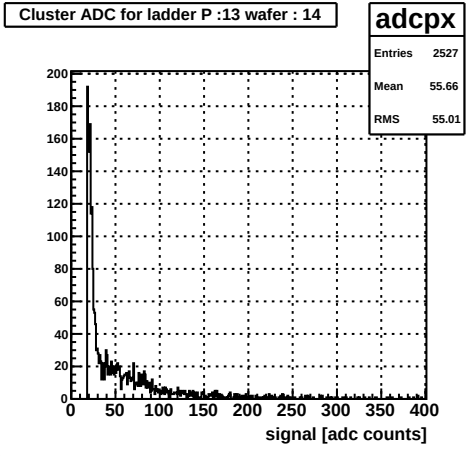

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 45
Mean 60.39
RMS 21.77
signal [adc counts]

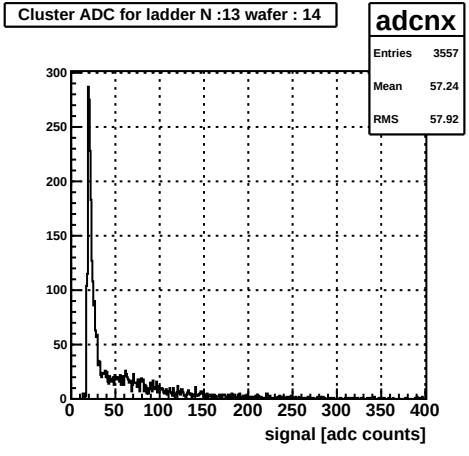

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2463
Mean 71.91
RMS 60.79
signal [adc counts]

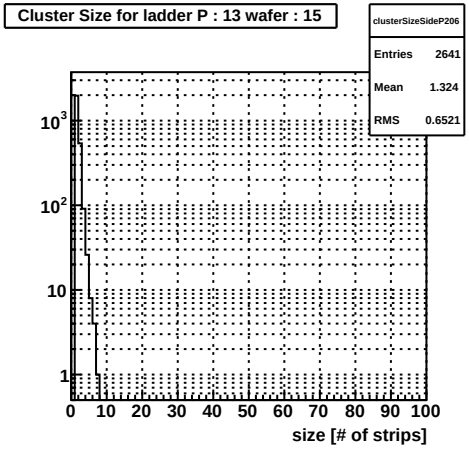

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2527
Mean 1.25
RMS 0.5981
size [# of strips]

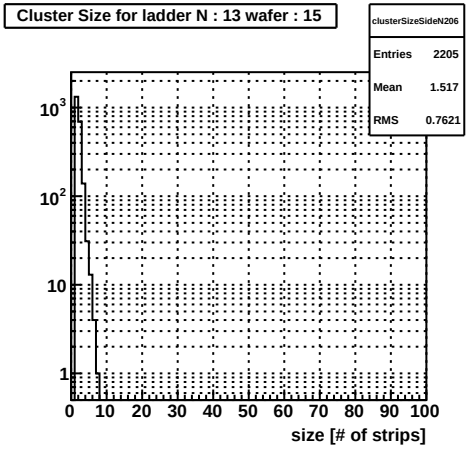

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3557
Mean 1.356
RMS 0.7467
size [# of strips]

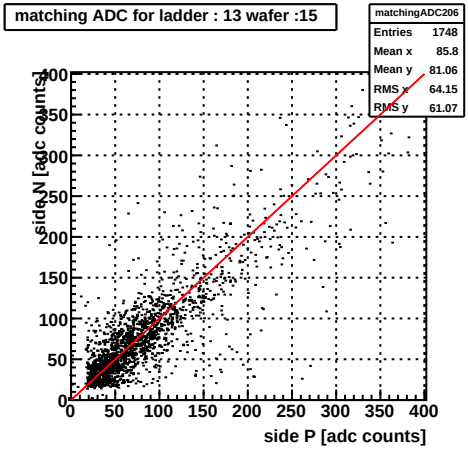

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1220
Mean x 85.37
Mean y 88.82
RMS x 61.96
RMS y 62.9
side N [adc counts]
side P [adc counts]

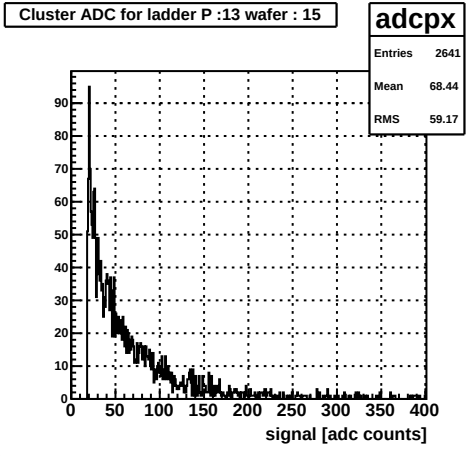

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2527
Mean 55.66
RMS 55.01
signal [adc counts]

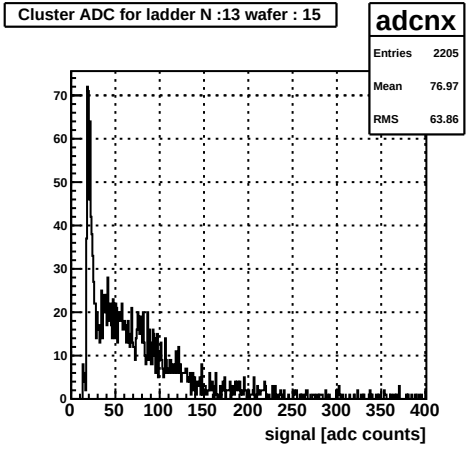

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3557
Mean 57.24
RMS 57.92
signal [adc counts]

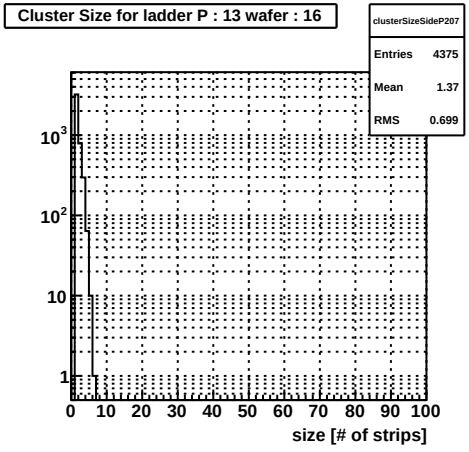

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2641
Mean 1.324
RMS 0.6521
size [# of strips]

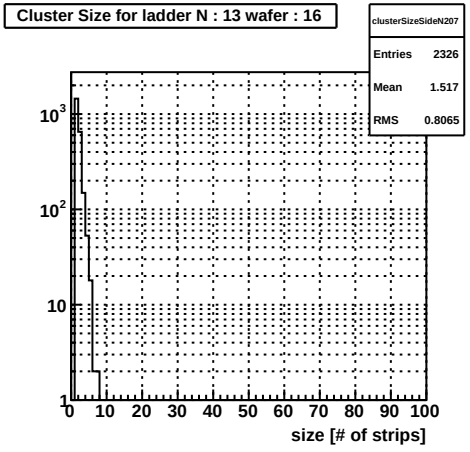

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2205
Mean 1.517
RMS 0.7621
size [# of strips]

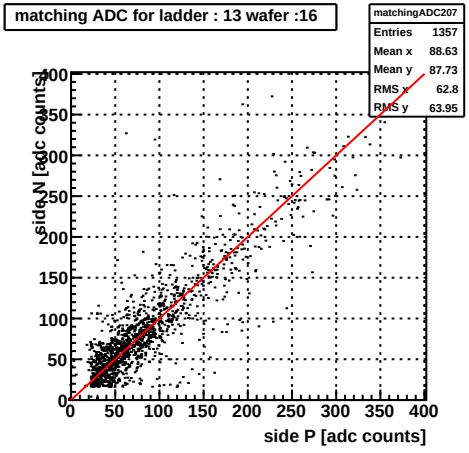

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1748
Mean x 85.8
Mean y 81.06
RMS x 64.15
RMS y 61.07
side N [adc counts]
side P [adc counts]

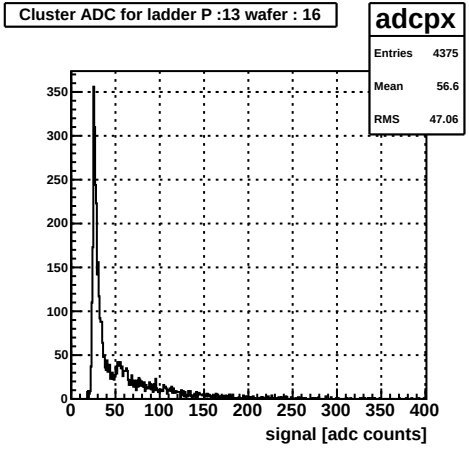

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2641
Mean 68.44
RMS 59.17
signal [adc counts]

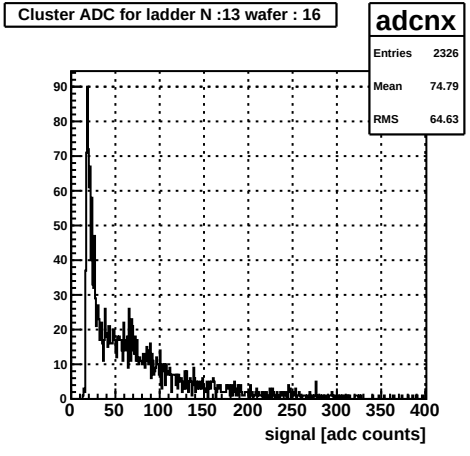

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2205
Mean 76.97
RMS 63.86
signal [adc counts]

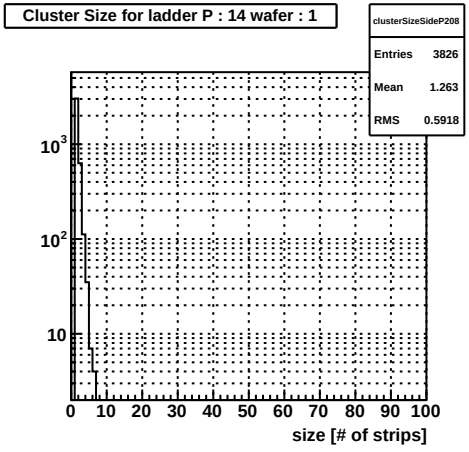

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4375
Mean 1.37
RMS 0.699
size [# of strips]

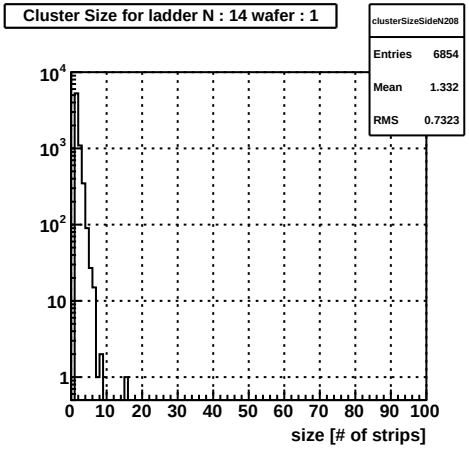

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2326
Mean 1.517
RMS 0.8065
size [# of strips]

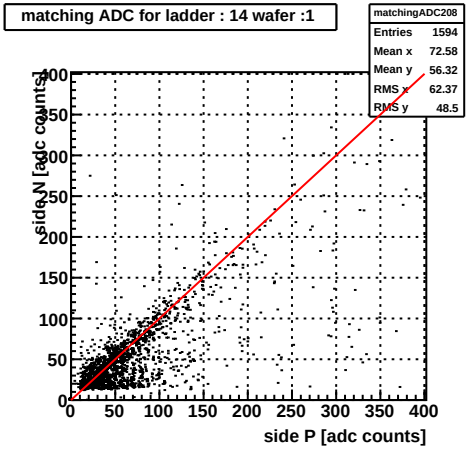

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1357
Mean x 88.63
Mean y 87.73
RMS x 62.8
RMS y 63.95
side N [adc counts]
side P [adc counts]

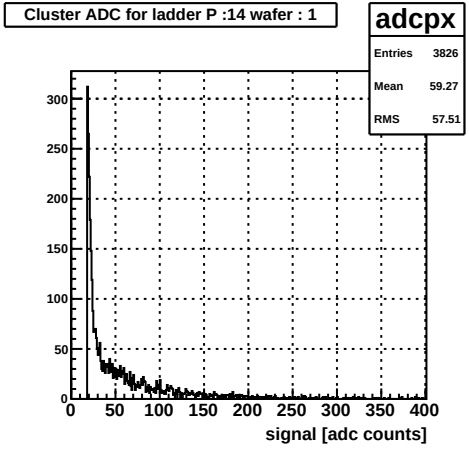

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4375
Mean 56.6
RMS 47.06
signal [adc counts]

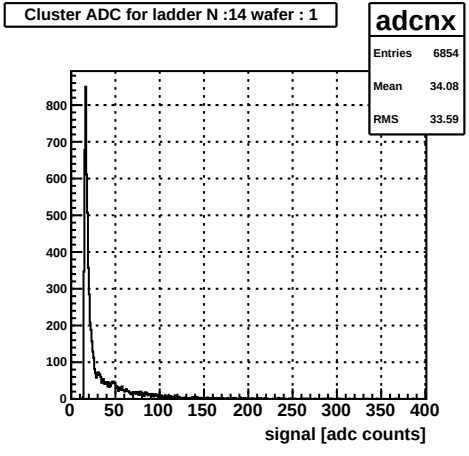

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2326
Mean 74.79
RMS 64.63
signal [adc counts]

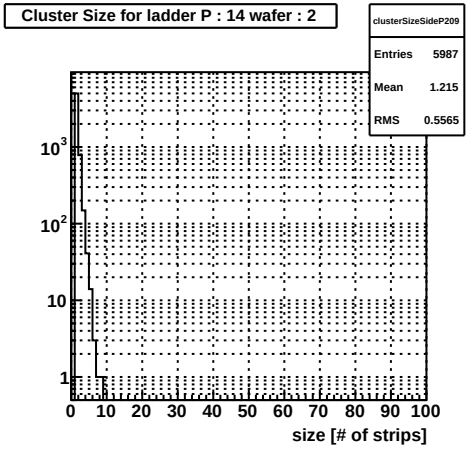

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3826
Mean 1.263
RMS 0.5918
size [# of strips]

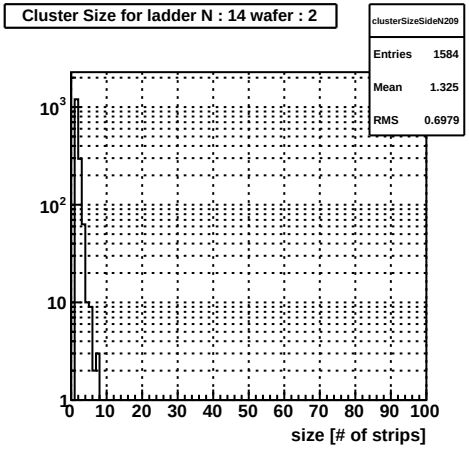

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6854
Mean 1.332
RMS 0.7323
size [# of strips]

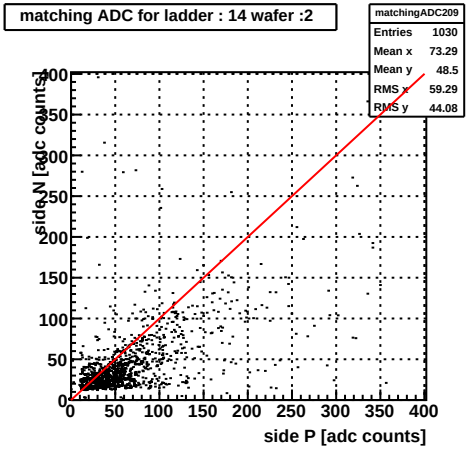

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1594
Mean x 72.58
Mean y 56.32
RMS x 62.37
RMS y 48.5
side N [adc counts]
side P [adc counts]

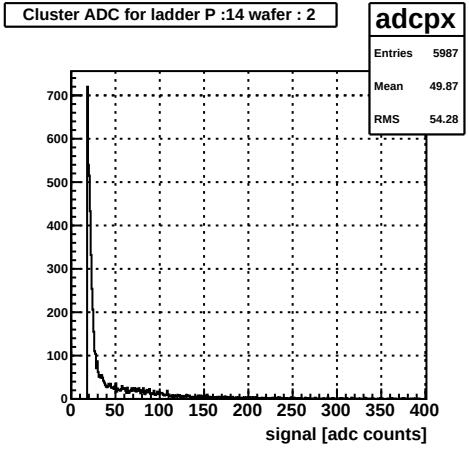

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3826
Mean 59.27
RMS 57.51
signal [adc counts]

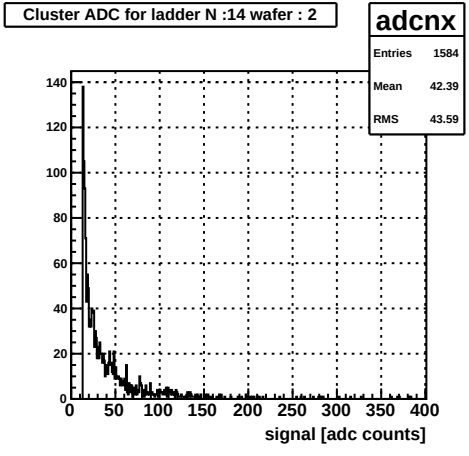

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6854
Mean 34.08
RMS 33.59
signal [adc counts]

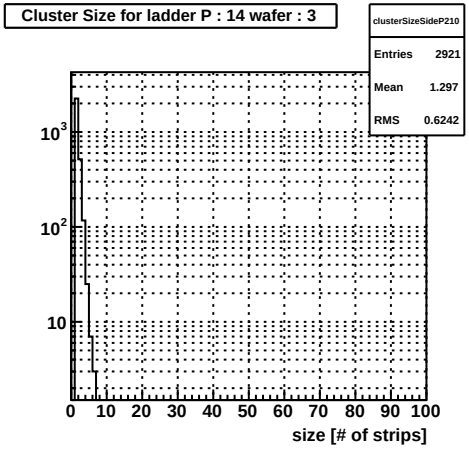

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5987
Mean 1.215
RMS 0.5565
size [# of strips]

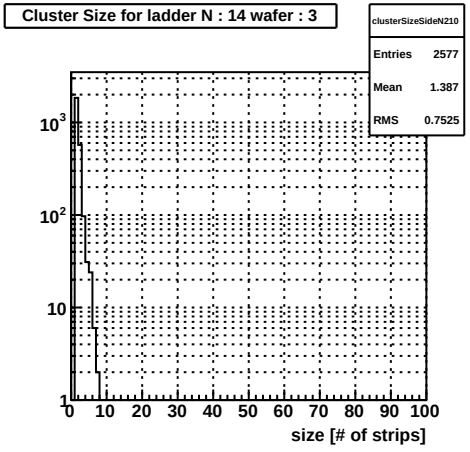

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1584
Mean 1.325
RMS 0.6979
size [# of strips]

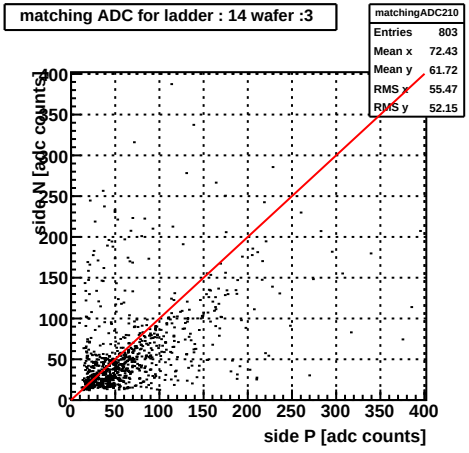

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1030
Mean x 73.29
Mean y 48.5
RMS x 59.29
RMS y 44.08
side N [adc counts]
side P [adc counts]

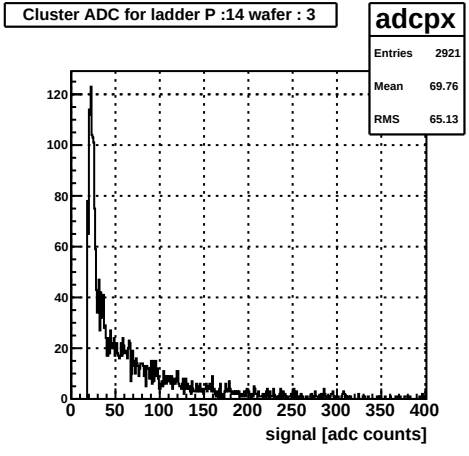

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5987
Mean 49.87
RMS 54.28
signal [adc counts]

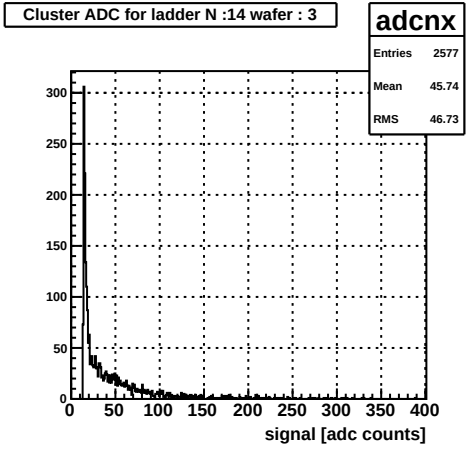

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1584
Mean 42.39
RMS 43.59
signal [adc counts]

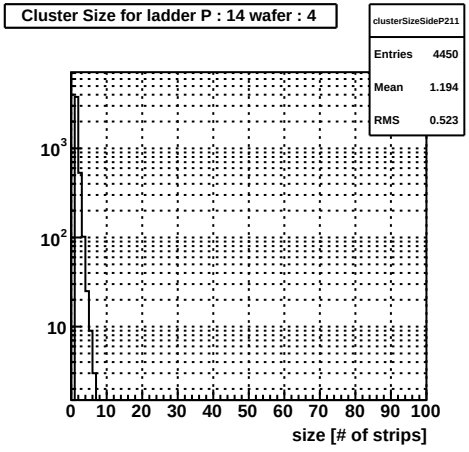

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2921
Mean 1.297
RMS 0.6242
size [# of strips]

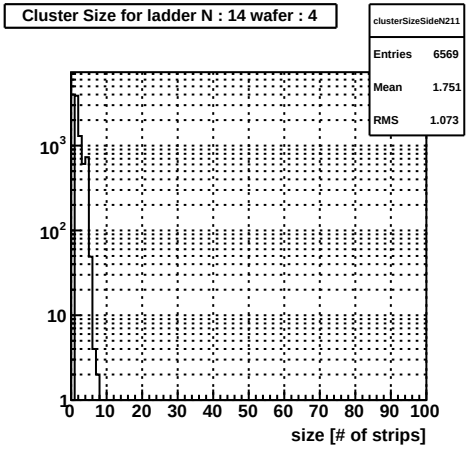

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2577
Mean 1.387
RMS 0.7525
size [# of strips]

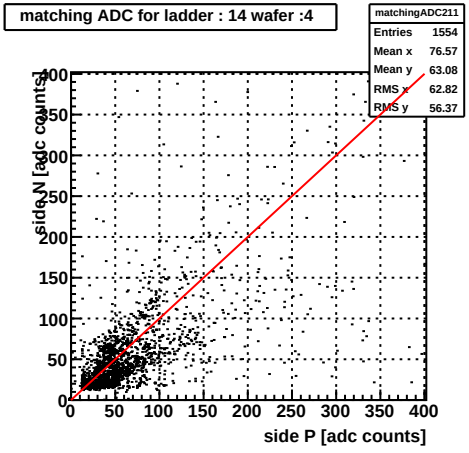

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 803
Mean x 72.43
Mean y 61.72
RMS x 55.47
RMS y 52.15
side N [adc counts]
side P [adc counts]

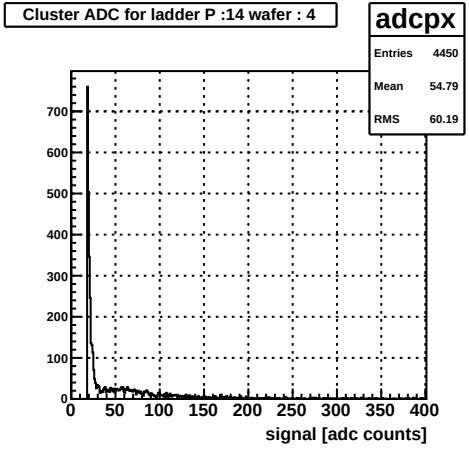

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2921
Mean 69.76
RMS 65.13
signal [adc counts]

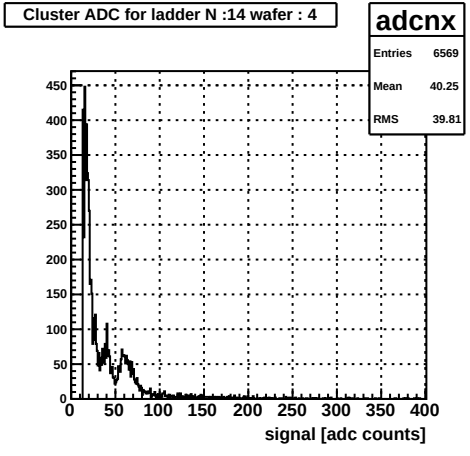

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2577
Mean 45.74
RMS 46.73
signal [adc counts]

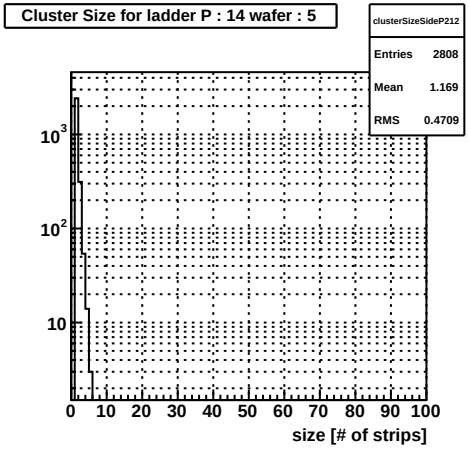

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4450
Mean 1.194
RMS 0.523
size [# of strips]

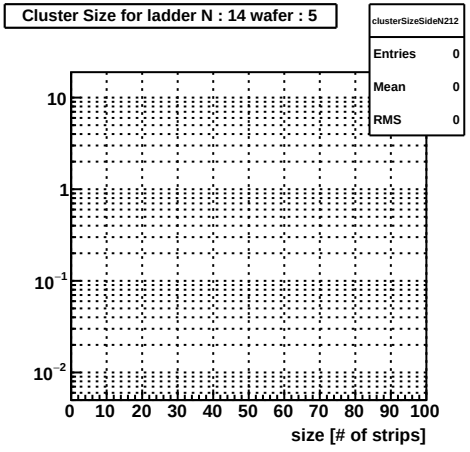

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6569
Mean 1.751
RMS 1.073
size [# of strips]

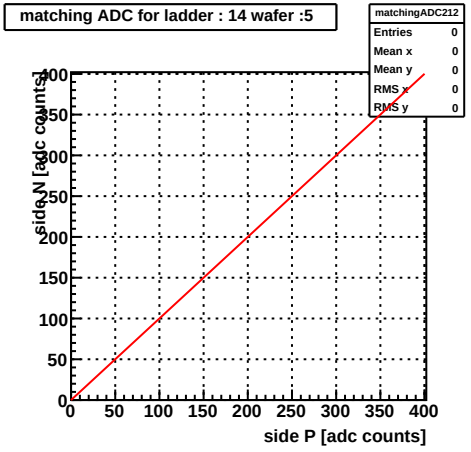

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1554
Mean x 76.57
Mean y 63.08
RMS x 62.82
RMS y 56.37
side N [adc counts]
side P [adc counts]

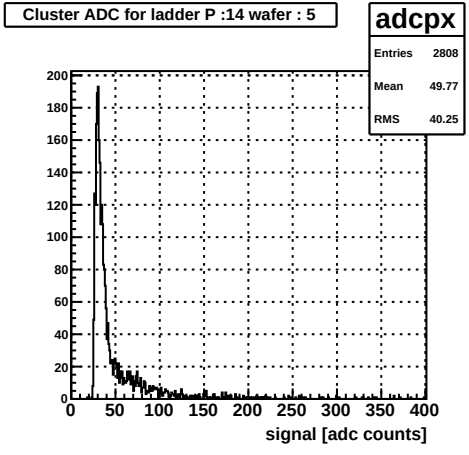

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4450
Mean 54.79
RMS 60.19
signal [adc counts]

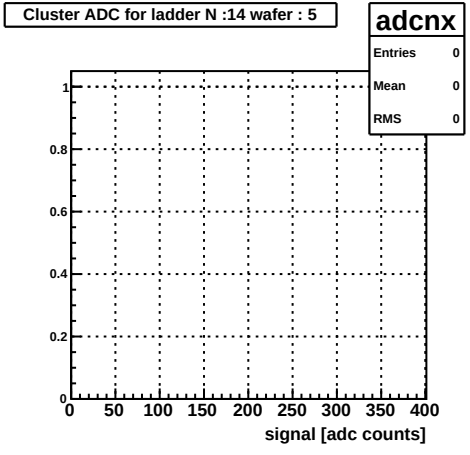

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6569
Mean 40.25
RMS 39.81
signal [adc counts]

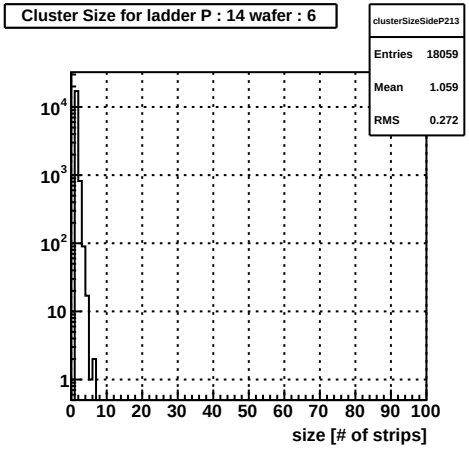

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2808
Mean 1.169
RMS 0.4709
size [# of strips]

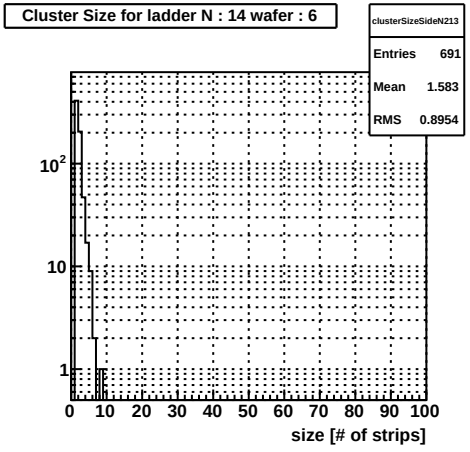

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

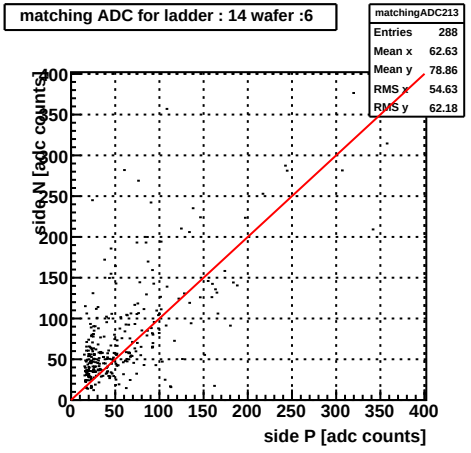

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

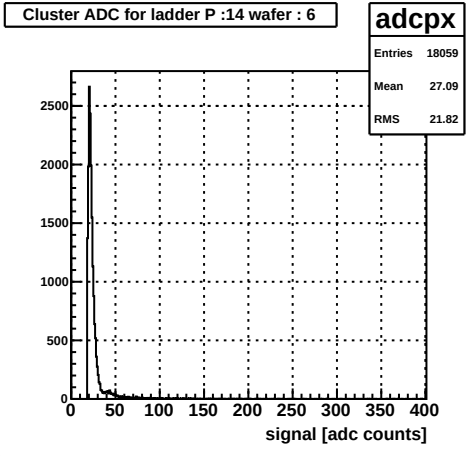

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2808
Mean 49.77
RMS 40.25
signal [adc counts]

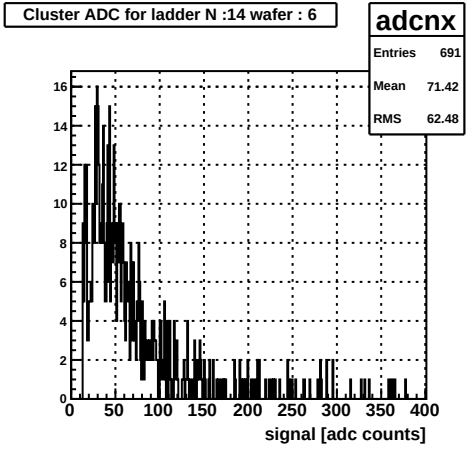

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

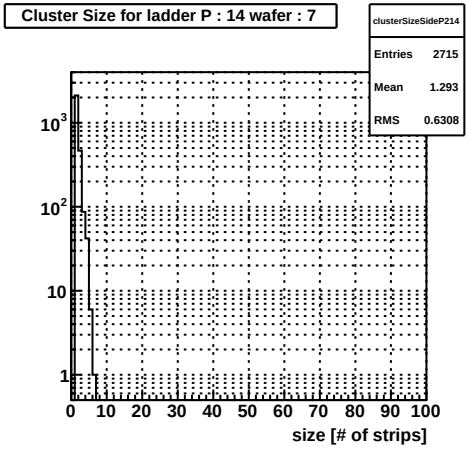

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18059
Mean 1.059
RMS 0.272
size [# of strips]

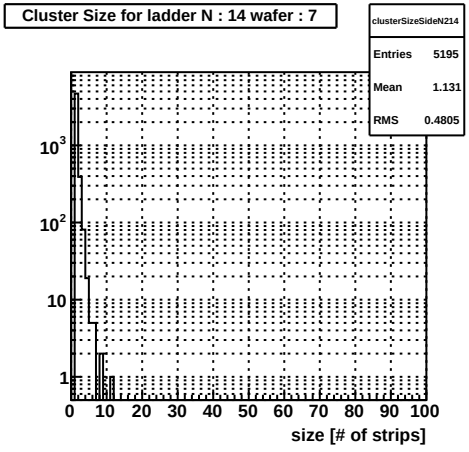

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 691
Mean 1.583
RMS 0.8954
size [# of strips]

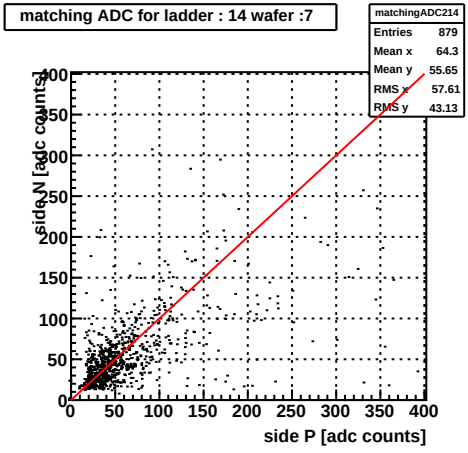

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 288
Mean x 62.63
Mean y 78.86
RMS x 54.63
RMS y 62.18
side N [adc counts]
side P [adc counts]

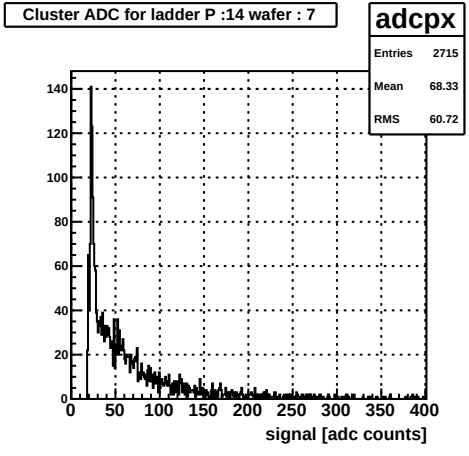

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18059
Mean 27.09
RMS 21.82
signal [adc counts]

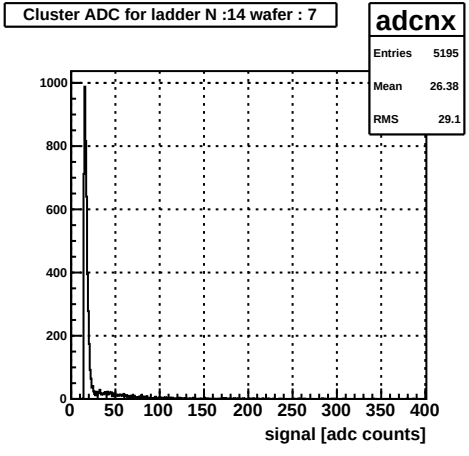

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 691
Mean 71.42
RMS 62.48
signal [adc counts]

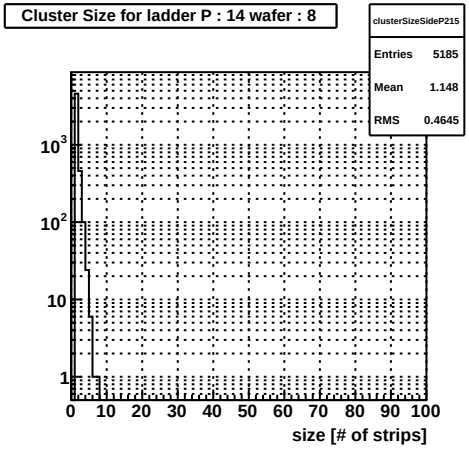

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2715
Mean 1.293
RMS 0.6308
size [# of strips]

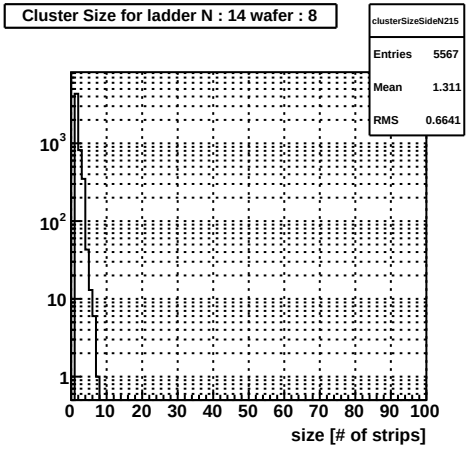

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5195
Mean 1.131
RMS 0.4805
size [# of strips]

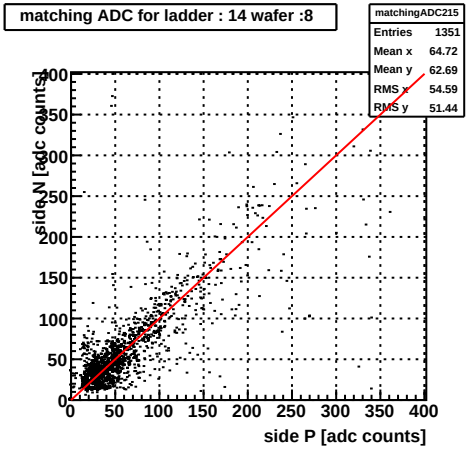

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 879
Mean x 64.3
Mean y 55.65
RMS x 57.61
RMS y 43.13
side N [adc counts]
side P [adc counts]

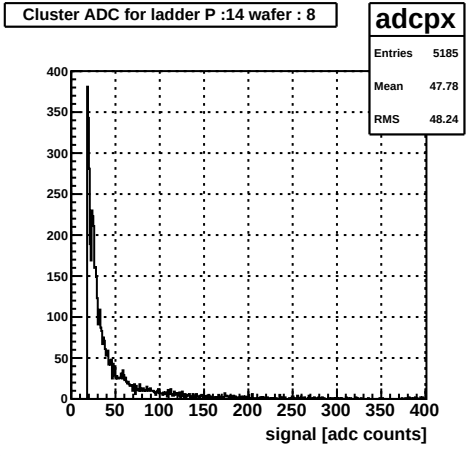

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2715
Mean 68.33
RMS 60.72
signal [adc counts]

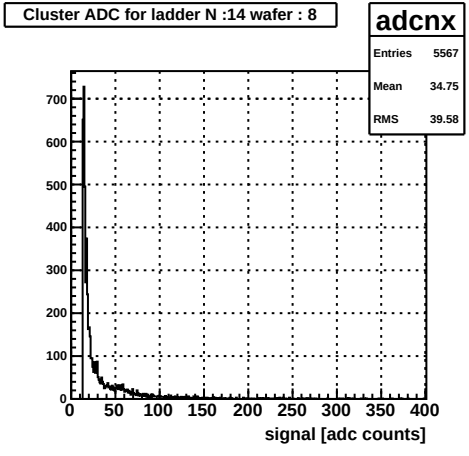

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5195
Mean 26.38
RMS 29.1
signal [adc counts]

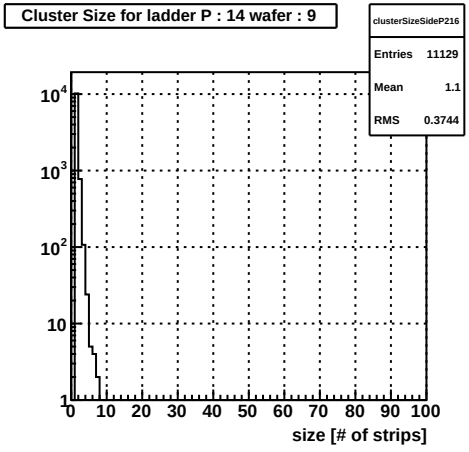

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5185
Mean 1.148
RMS 0.4645
size [# of strips]

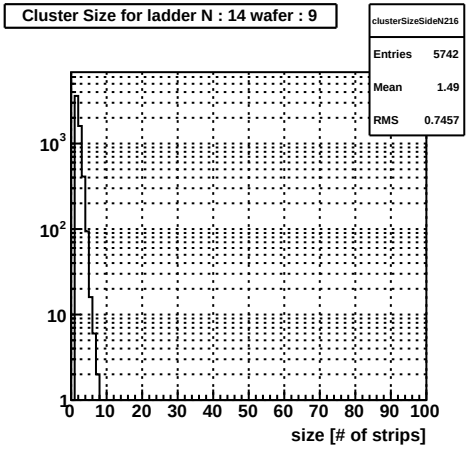

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5567
Mean 1.311
RMS 0.6641
size [# of strips]

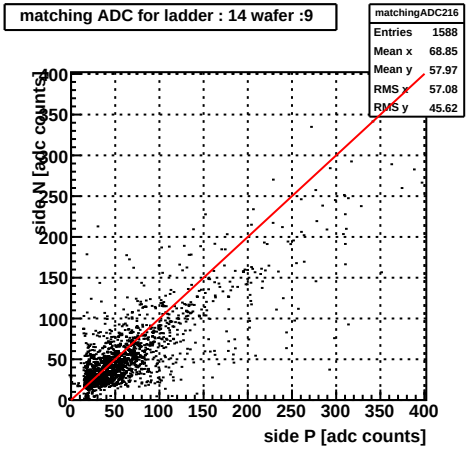

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1351
Mean x 64.72
Mean y 62.69
RMS x 54.59
RMS y 51.44
side N [adc counts]
side P [adc counts]

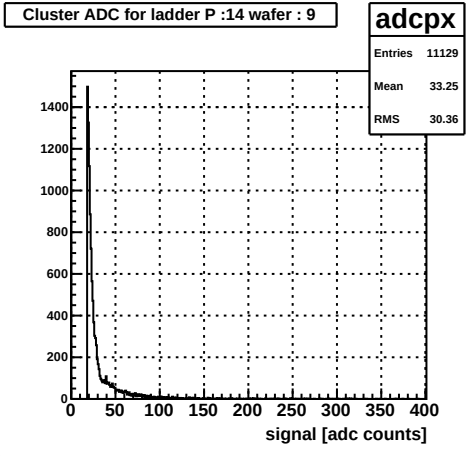

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5185
Mean 47.78
RMS 48.24
signal [adc counts]

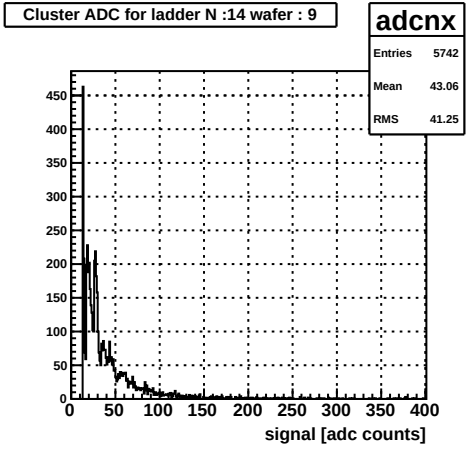

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5567
Mean 34.75
RMS 39.58
signal [adc counts]

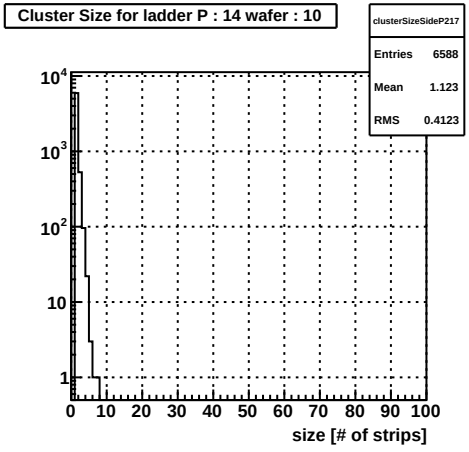

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11129
Mean 1.1
RMS 0.3744
size [# of strips]

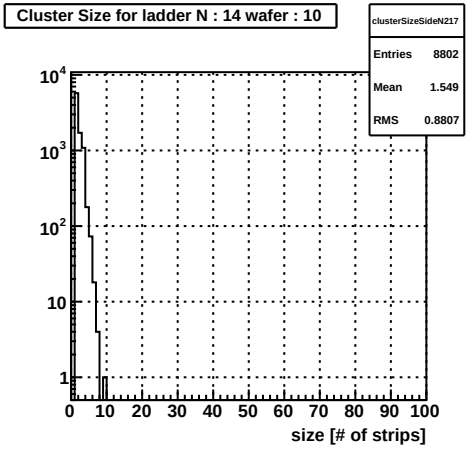

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5742
Mean 1.49
RMS 0.7457
size [# of strips]

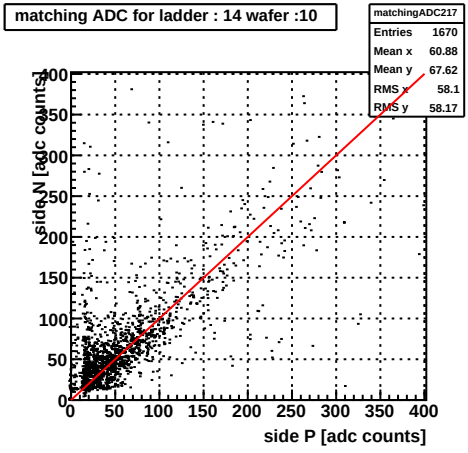

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1588
Mean x 68.85
Mean y 57.97
RMS x 57.08
RMS y 45.62
side N [adc counts]
side P [adc counts]

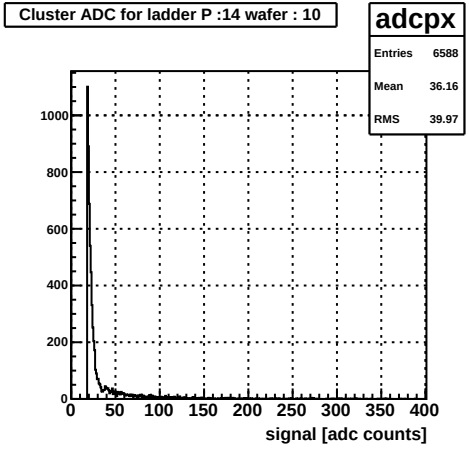

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11129
Mean 33.25
RMS 30.36
signal [adc counts]

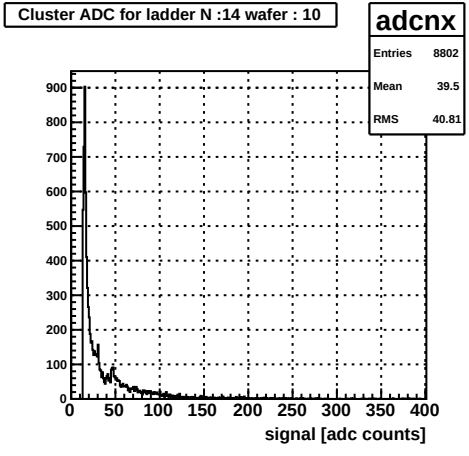

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5742
Mean 43.06
RMS 41.25
signal [adc counts]

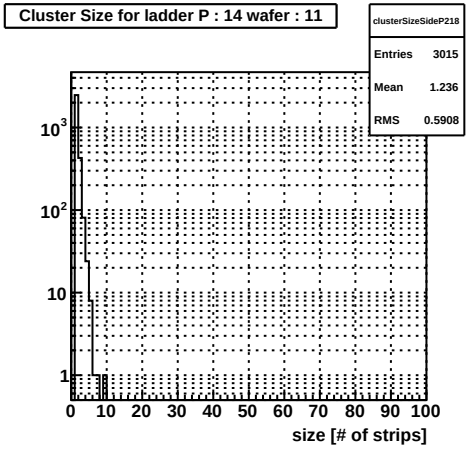

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6588
Mean 1.123
RMS 0.4123
size [# of strips]

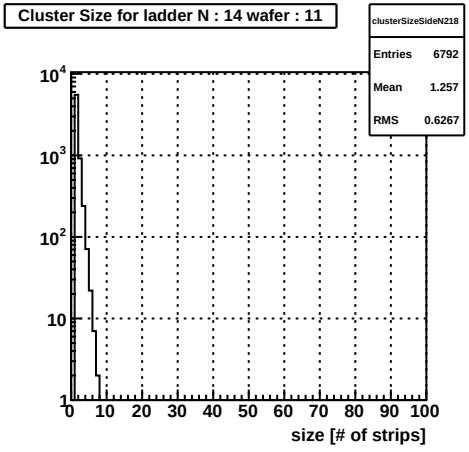

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 8802
Mean 1.549
RMS 0.8807
size [# of strips]

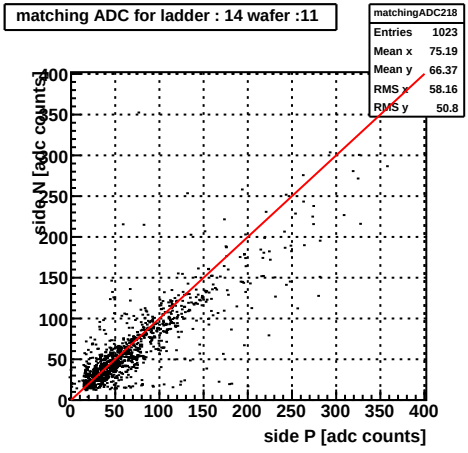

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1670
Mean x 60.88
Mean y 67.62
RMS x 58.1
RMS y 58.17
side N [adc counts]
side P [adc counts]

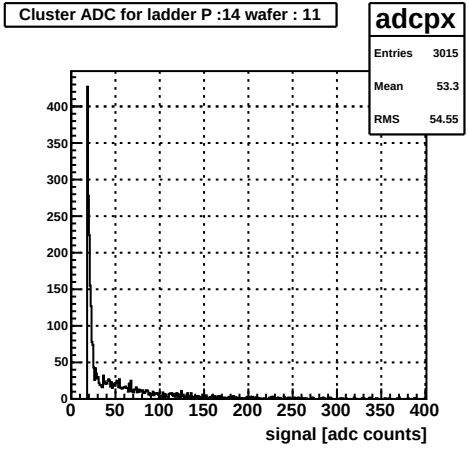

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6588
Mean 36.16
RMS 39.97
signal [adc counts]

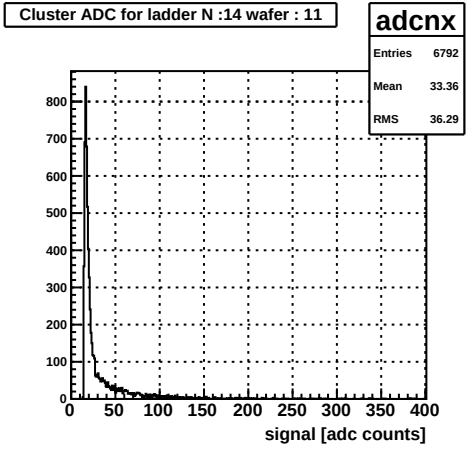

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 8802
Mean 39.5
RMS 40.81
signal [adc counts]

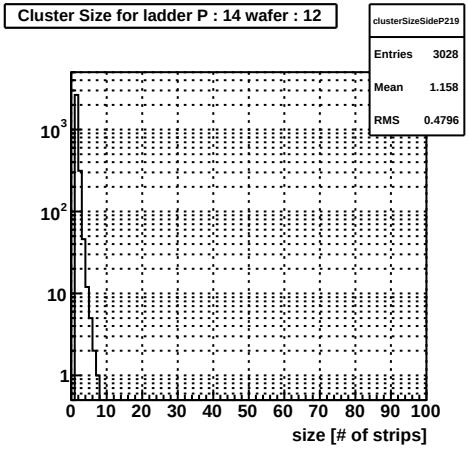

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3015
Mean 1.236
RMS 0.5908
size [# of strips]

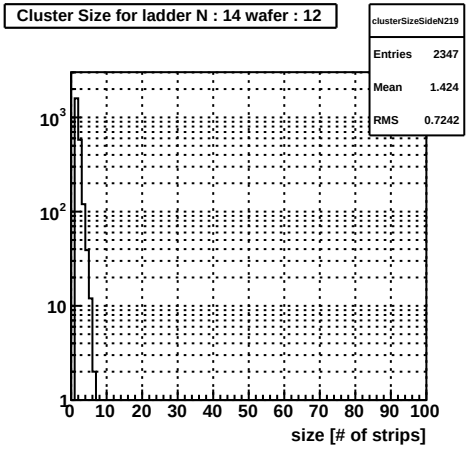

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6792
Mean 1.257
RMS 0.6267
size [# of strips]

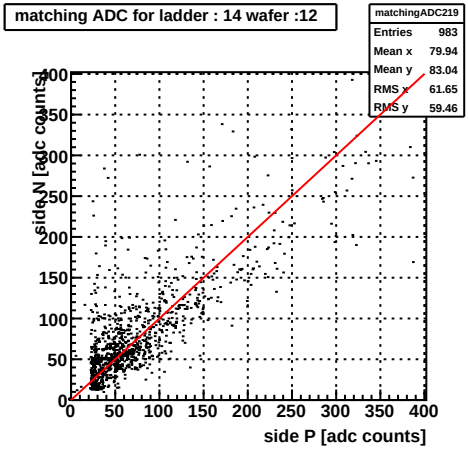

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1023
Mean x 75.19
Mean y 66.37
RMS x 58.16
RMS y 50.8
side N [adc counts]
side P [adc counts]

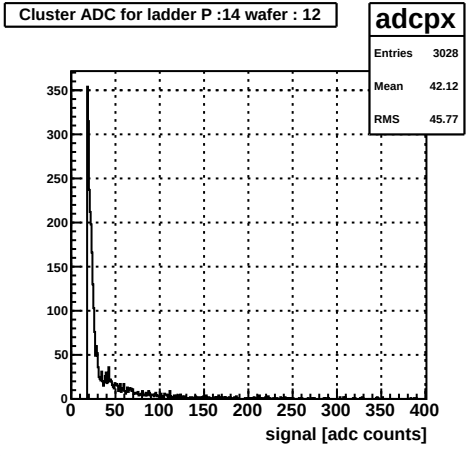

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3015
Mean 53.3
RMS 54.55
signal [adc counts]

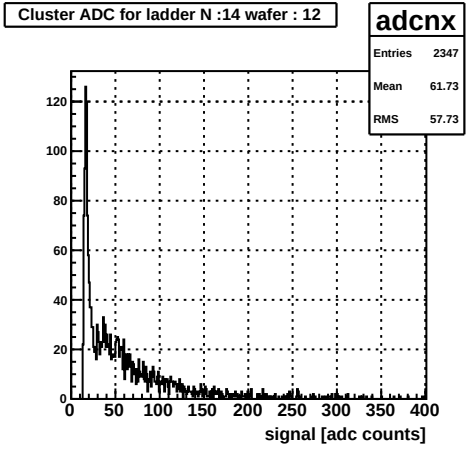

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6792
Mean 33.36
RMS 36.29
signal [adc counts]

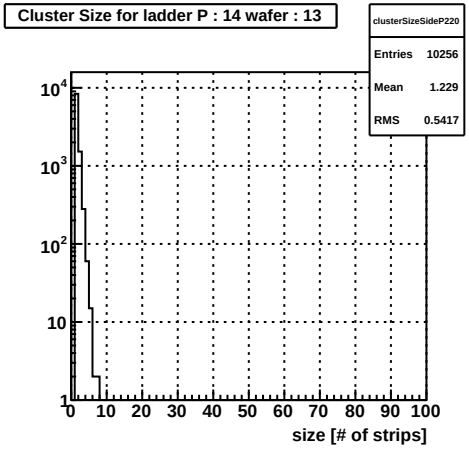

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3028
Mean 1.158
RMS 0.4796
size [# of strips]

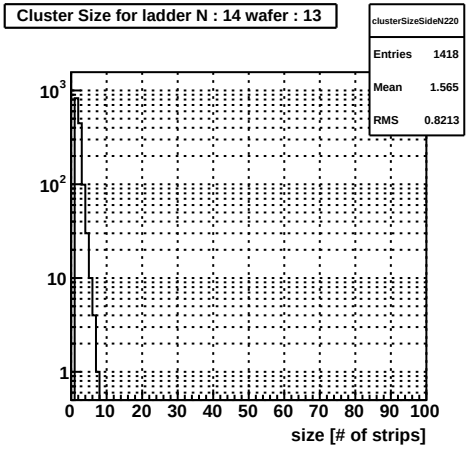

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2347
Mean 1.424
RMS 0.7242
size [# of strips]

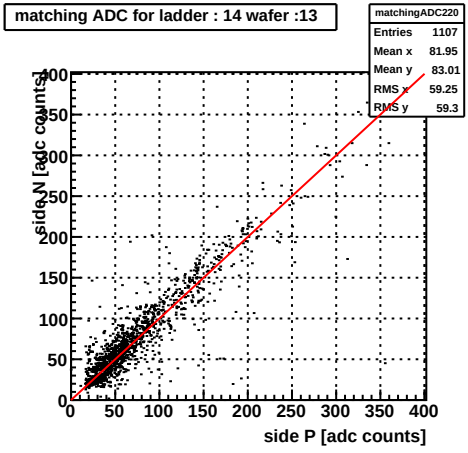

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 983
Mean x 79.94
Mean y 83.04
RMS x 61.65
RMS y 59.46
side N [adc counts]
side P [adc counts]

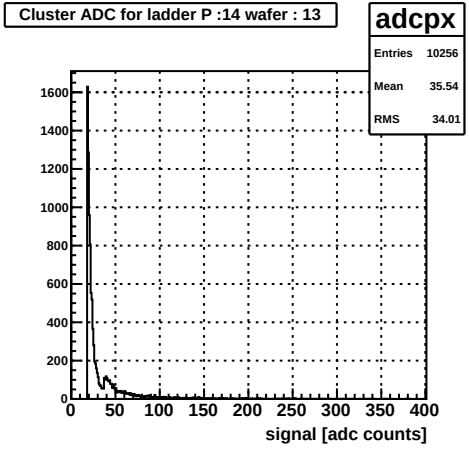

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3028
Mean 42.12
RMS 45.77
signal [adc counts]

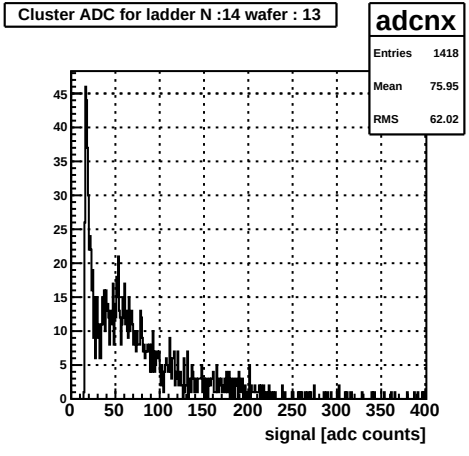

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2347
Mean 61.73
RMS 57.73
signal [adc counts]

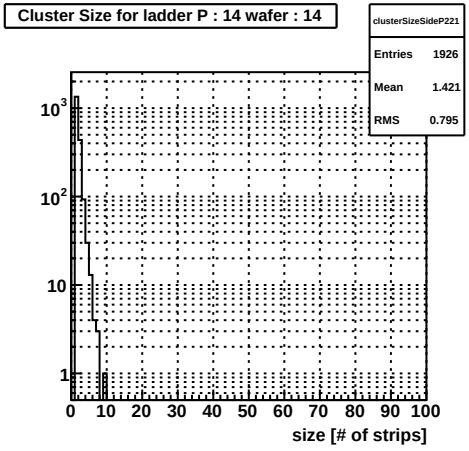

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10256
Mean 1.229
RMS 0.5417
size [# of strips]

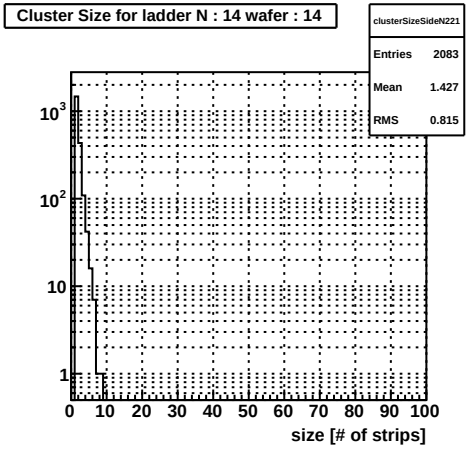

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1418
Mean 1.565
RMS 0.8213
size [# of strips]

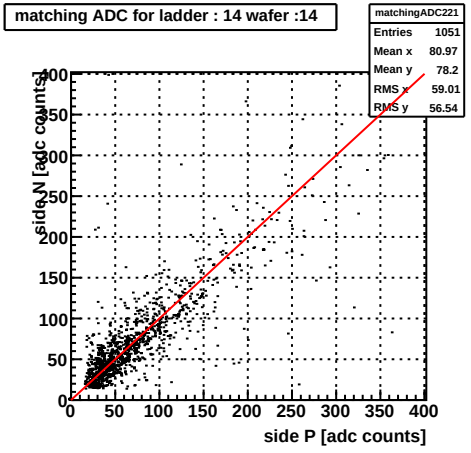

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1107
Mean x 81.95
Mean y 83.01
RMS x 59.25
RMS y 59.3
side N [adc counts]
side P [adc counts]

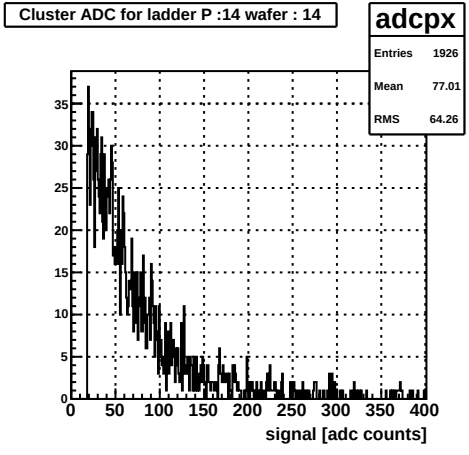

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10256
Mean 35.54
RMS 34.01
signal [adc counts]

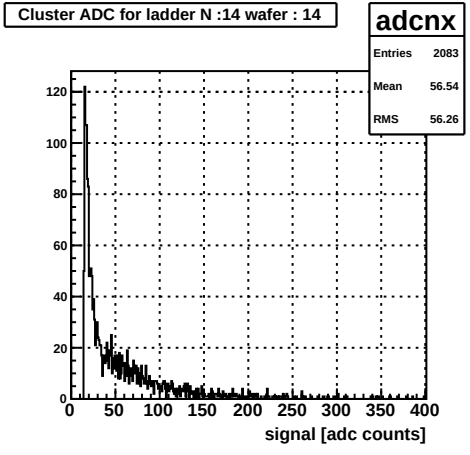

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1418
Mean 75.95
RMS 62.02
signal [adc counts]

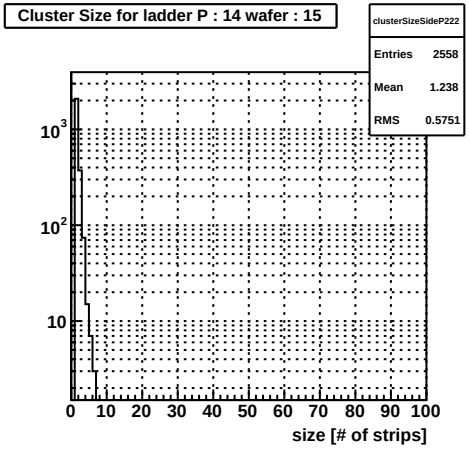

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1926
Mean 1.421
RMS 0.795
size [# of strips]

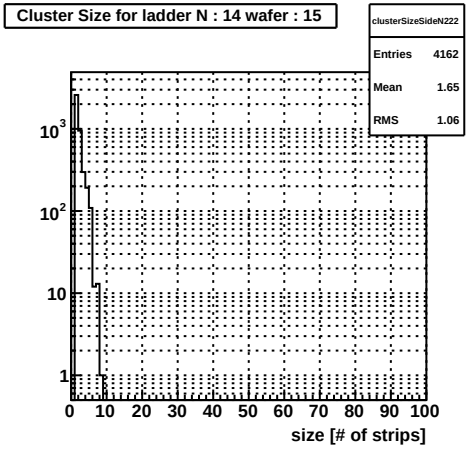

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2083
Mean 1.427
RMS 0.815
size [# of strips]

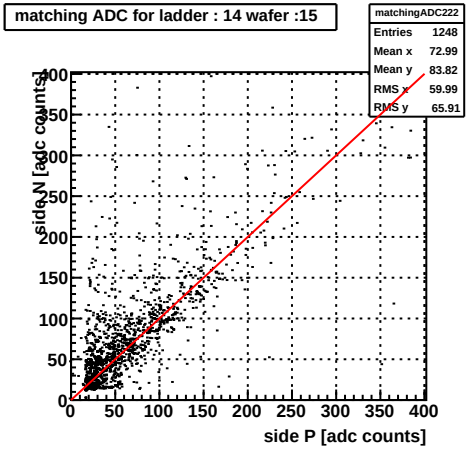

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1051
Mean x 80.97
Mean y 78.2
RMS x 59.01
RMS y 56.54
side N [adc counts]
side P [adc counts]

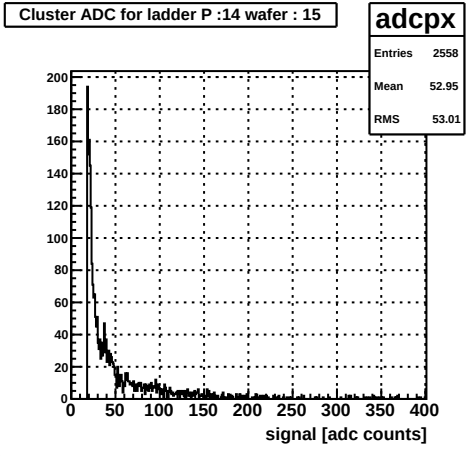

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1926
Mean 77.01
RMS 64.26
signal [adc counts]

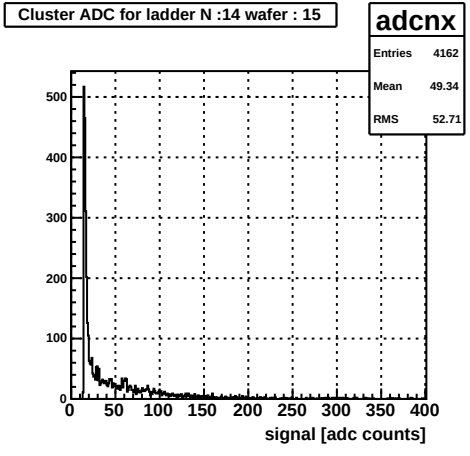

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2083
Mean 56.54
RMS 56.26
signal [adc counts]

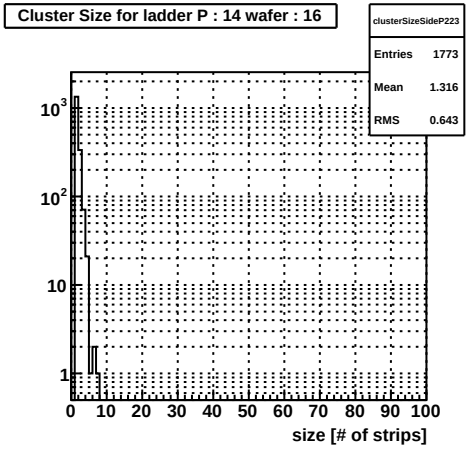

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2558
Mean 1.238
RMS 0.5751
size [# of strips]

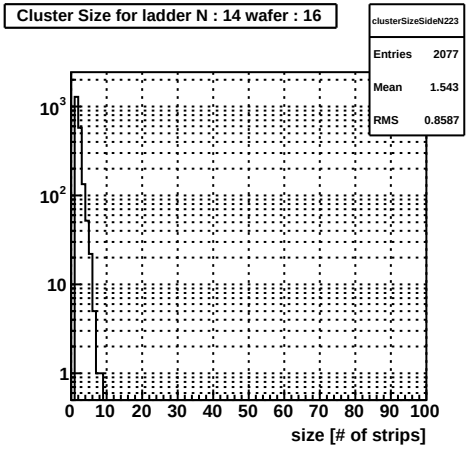

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4162
Mean 1.65
RMS 1.06
size [# of strips]

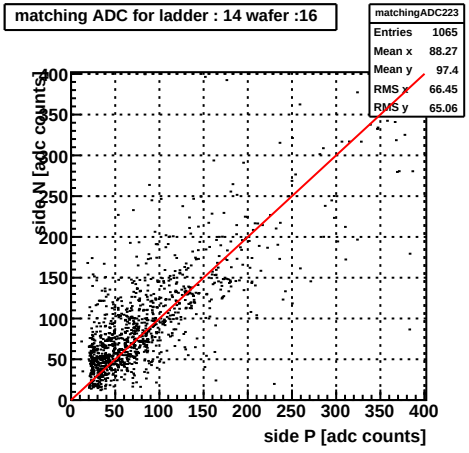

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1248
Mean x 72.99
Mean y 83.82
RMS x 59.99
RMS y 65.91
side N [adc counts]
side P [adc counts]

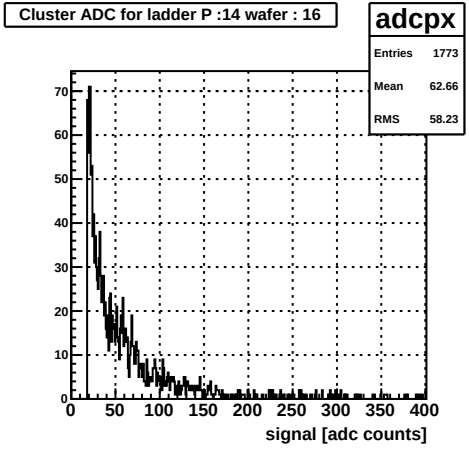

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2558
Mean 52.95
RMS 53.01
signal [adc counts]

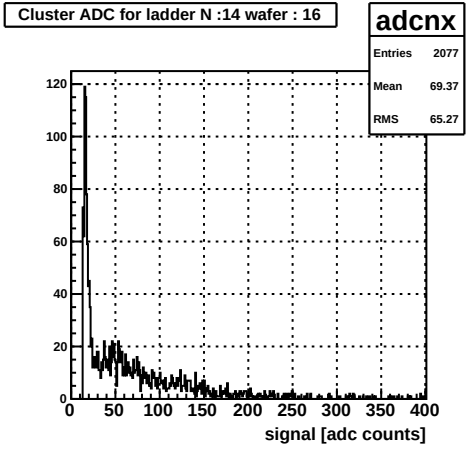

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4162
Mean 49.34
RMS 52.71
signal [adc counts]

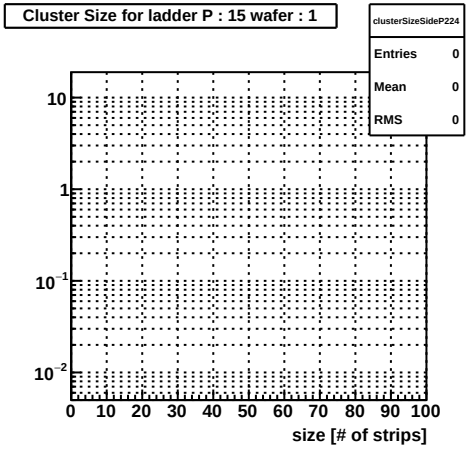

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1773
Mean 1.316
RMS 0.643
size [# of strips]

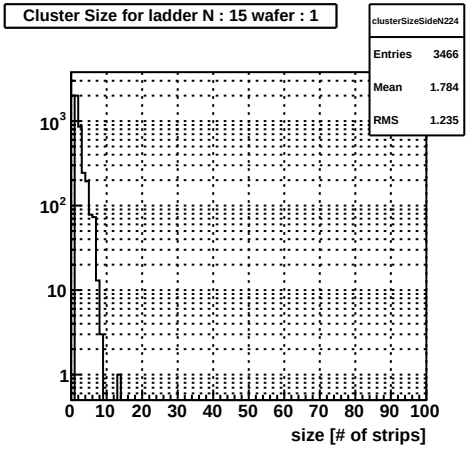

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2077
Mean 1.543
RMS 0.8587
size [# of strips]

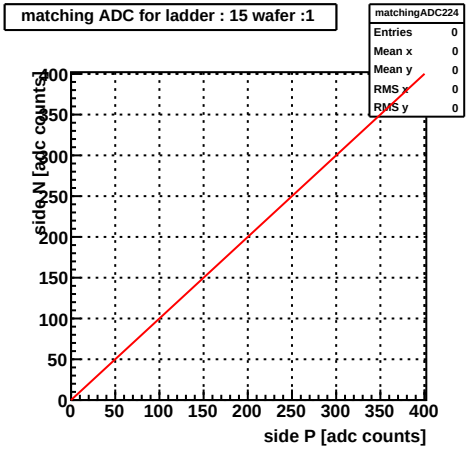

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1065
Mean x 88.27
Mean y 97.4
RMS x 66.45
RMS y 65.06
side N [adc counts]
side P [adc counts]

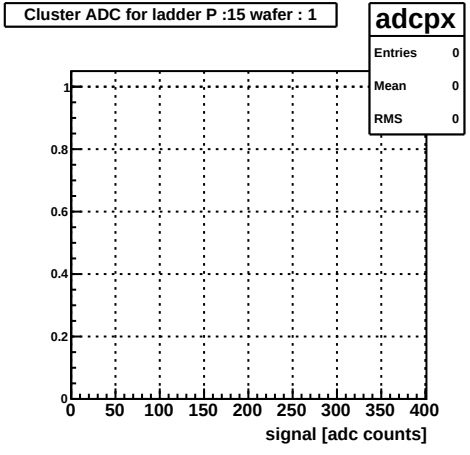

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1773
Mean 62.66
RMS 58.23
signal [adc counts]

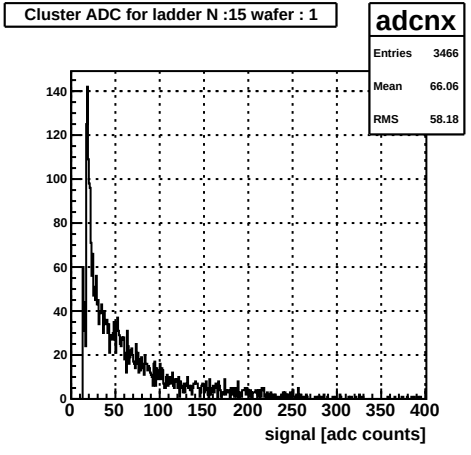

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2077
Mean 69.37
RMS 65.27
signal [adc counts]

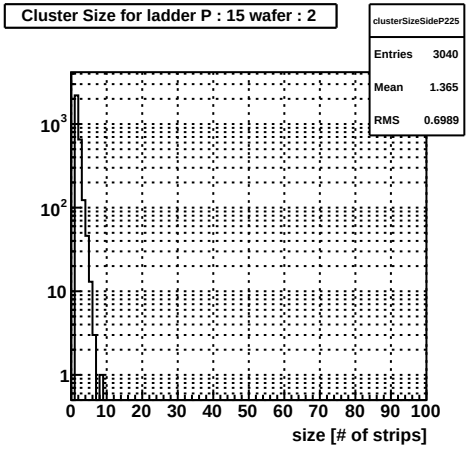

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

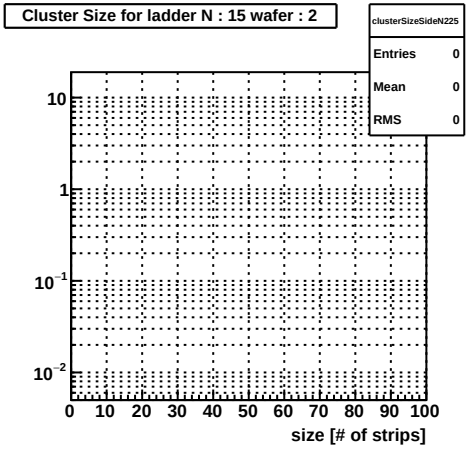

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3466
Mean 1.784
RMS 1.235
size [# of strips]

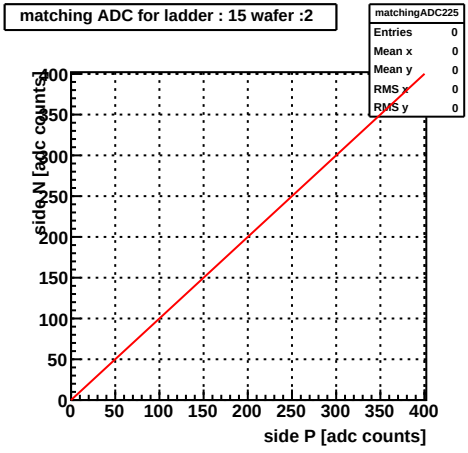

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

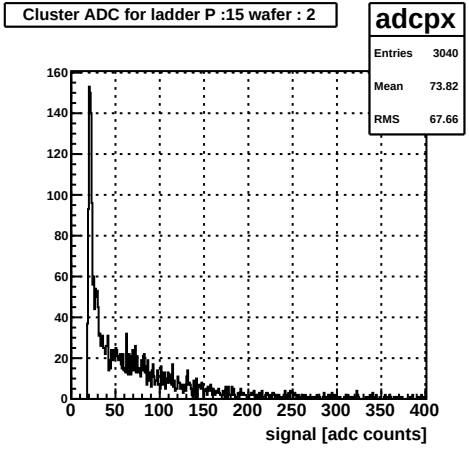

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

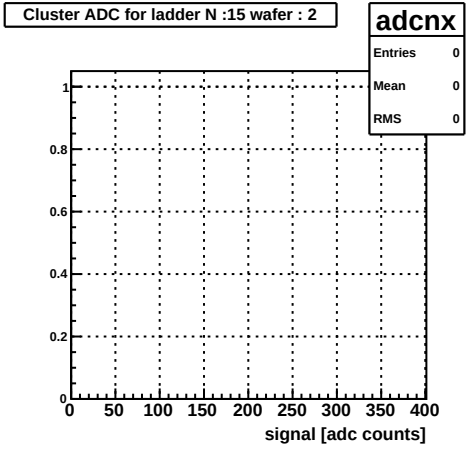

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3466
Mean 66.06
RMS 58.18
signal [adc counts]

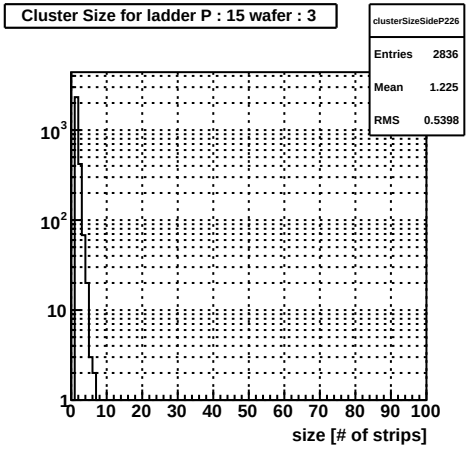

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3040
Mean 1.365
RMS 0.6989
size [# of strips]

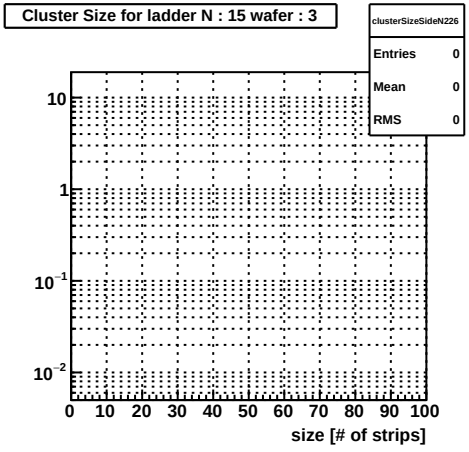

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

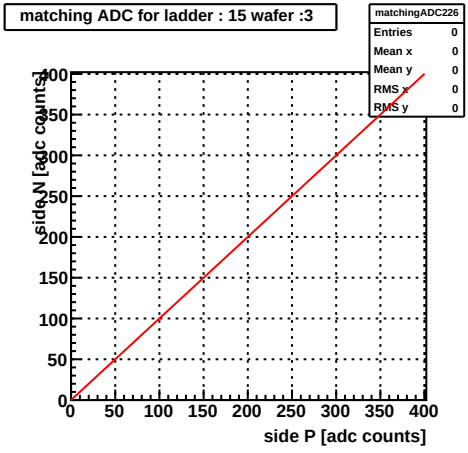

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

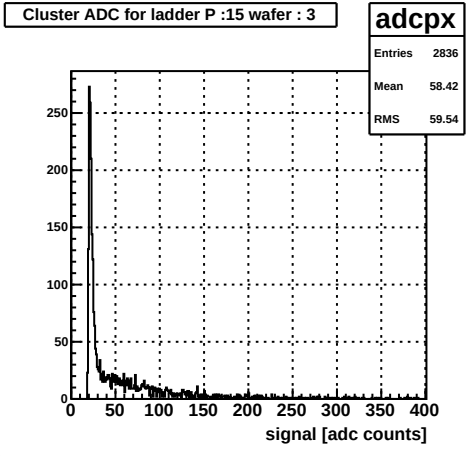

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3040
Mean 73.82
RMS 67.66
signal [adc counts]

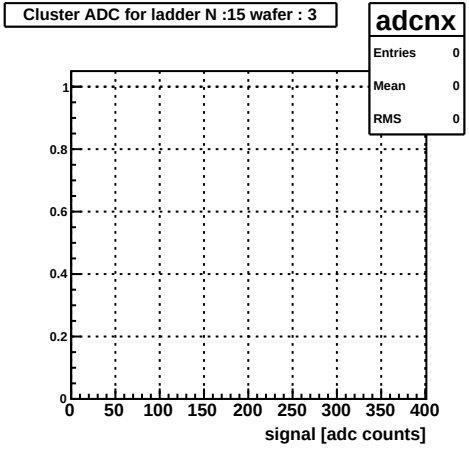

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

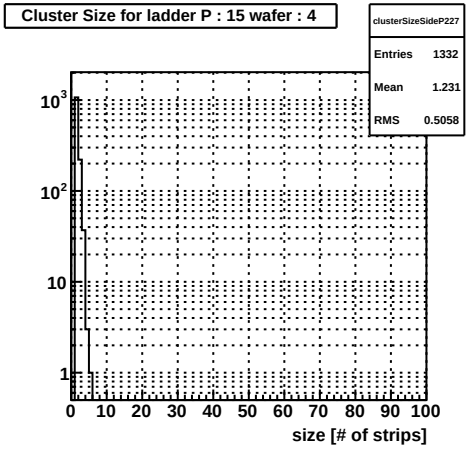

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2836
Mean 1.225
RMS 0.5398
size [# of strips]

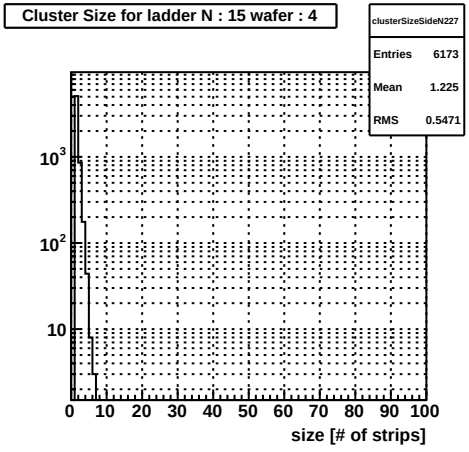

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

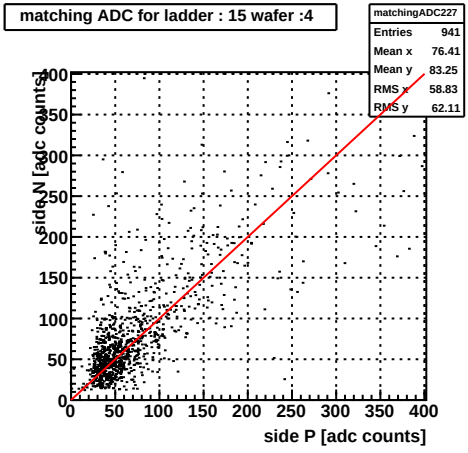

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

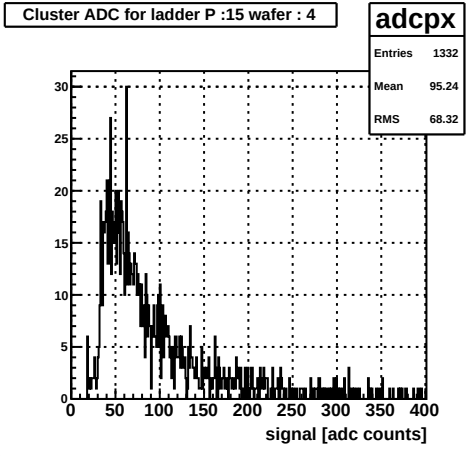

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2836
Mean 58.42
RMS 59.54
signal [adc counts]

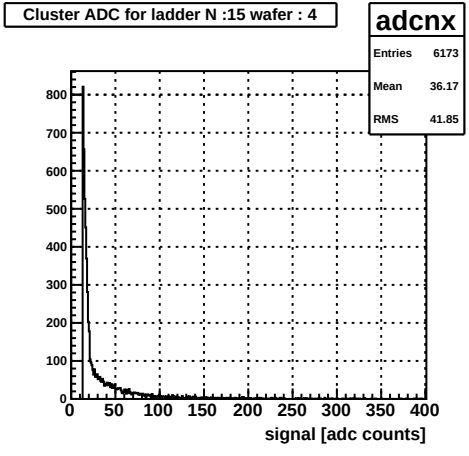

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

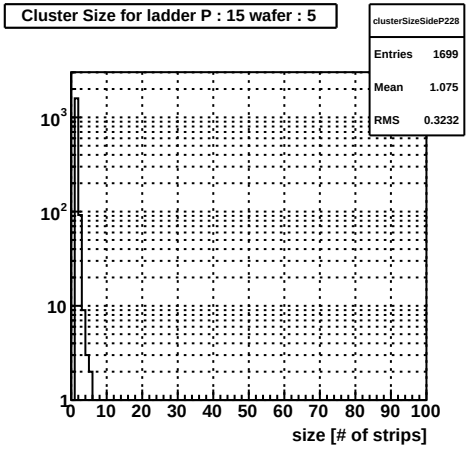

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1332
Mean 1.231
RMS 0.5058
size [# of strips]

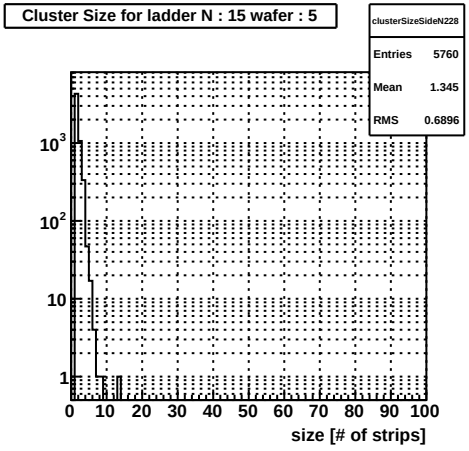

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6173
Mean 1.225
RMS 0.5471
size [# of strips]

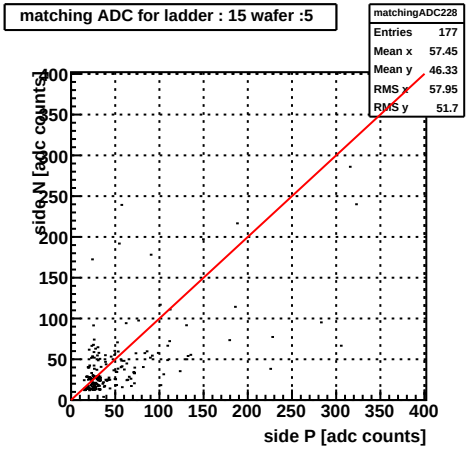

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 941
Mean x 76.41
Mean y 83.25
RMS x 58.83
RMS y 62.11
side N [adc counts]
side P [adc counts]

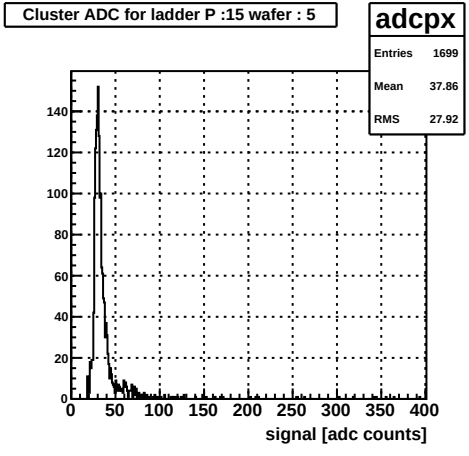

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1332
Mean 95.24
RMS 68.32
signal [adc counts]

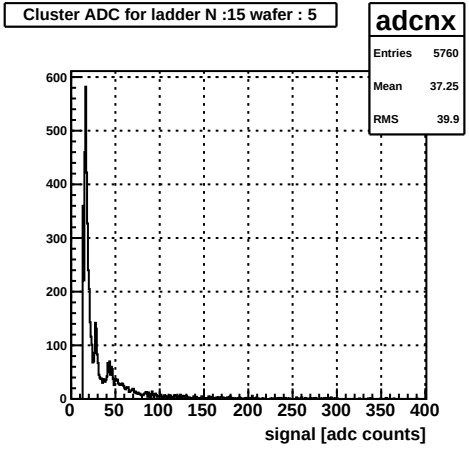

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6173
Mean 36.17
RMS 41.85
signal [adc counts]

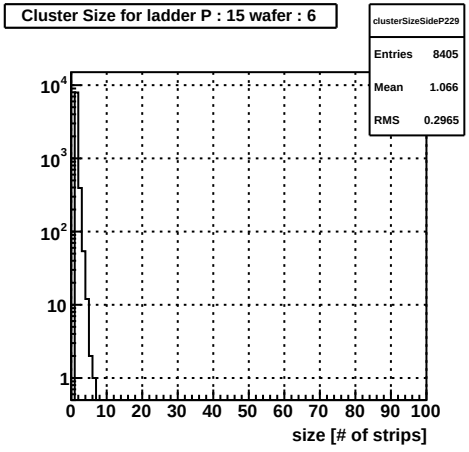

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1699
Mean 1.075
RMS 0.3232
size [# of strips]

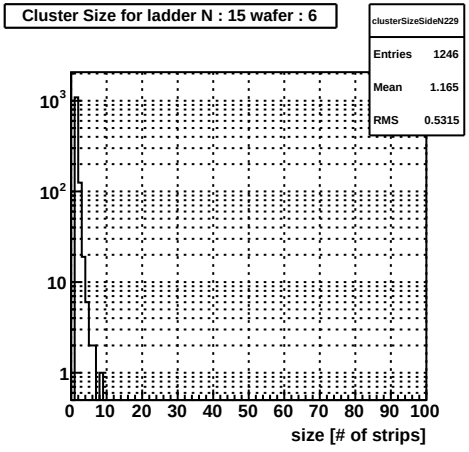

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5760
Mean 1.345
RMS 0.6896
size [# of strips]

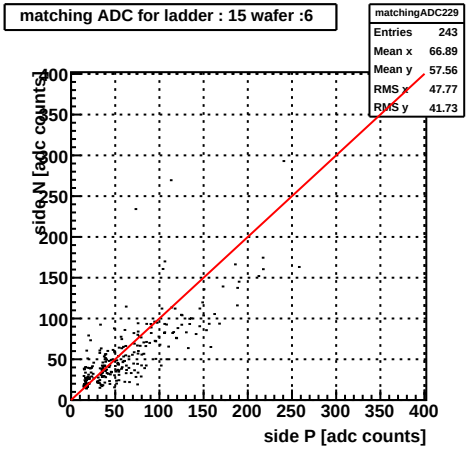

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 177
Mean x 57.45
Mean y 46.33
RMS x 57.95
RMS y 51.7
side N [adc counts]
side P [adc counts]

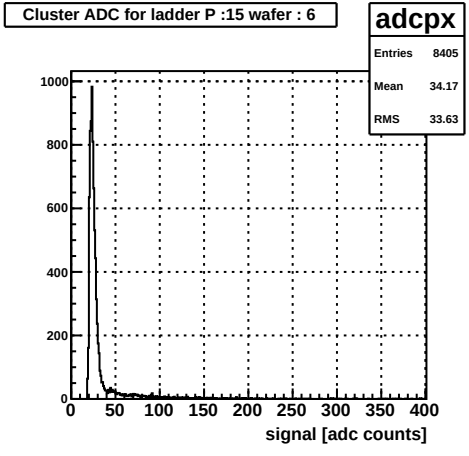

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1699
Mean 37.86
RMS 27.92
signal [adc counts]

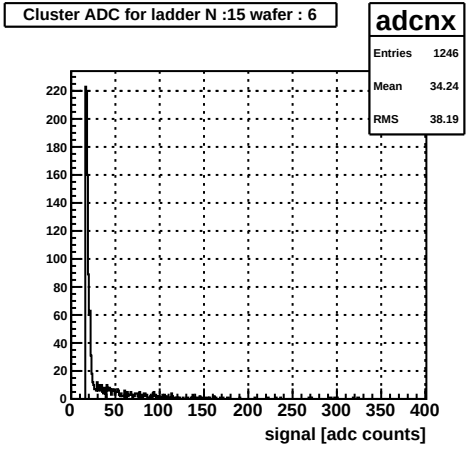

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5760
Mean 37.25
RMS 39.9
signal [adc counts]

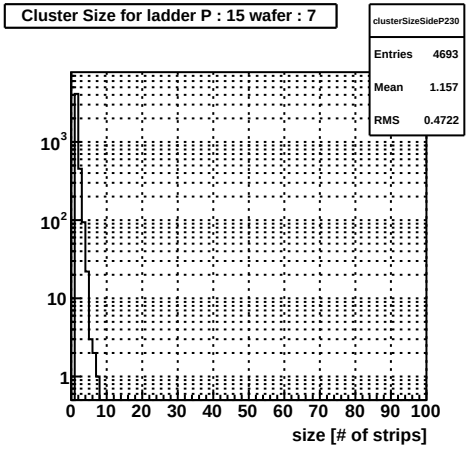

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8405
Mean 1.066
RMS 0.2965
size [# of strips]

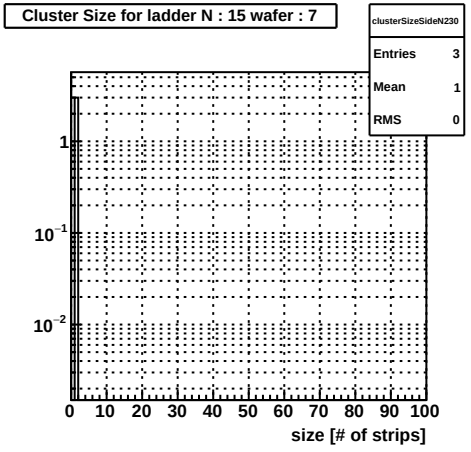

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1246
Mean 1.165
RMS 0.5315
size [# of strips]

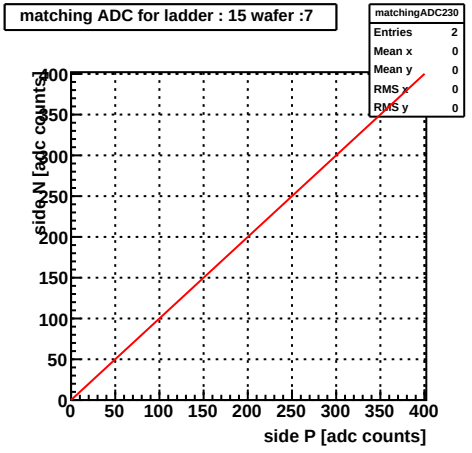

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 243
Mean x 66.89
Mean y 57.56
RMS x 47.77
RMS y 41.73
side N [adc counts]
side P [adc counts]

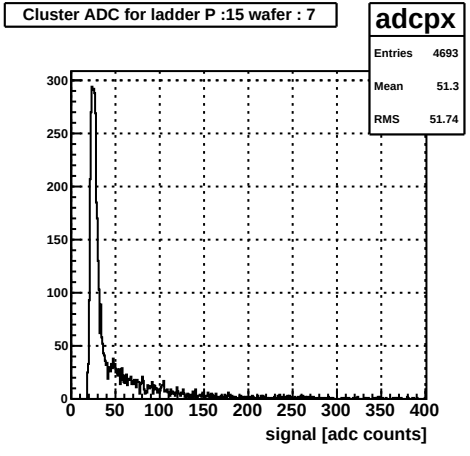

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8405
Mean 34.17
RMS 33.63
signal [adc counts]

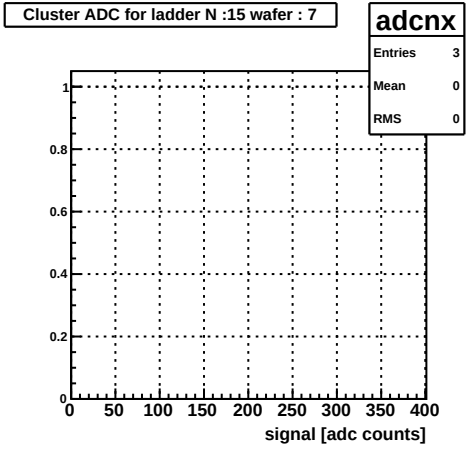

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1246
Mean 34.24
RMS 38.19
signal [adc counts]

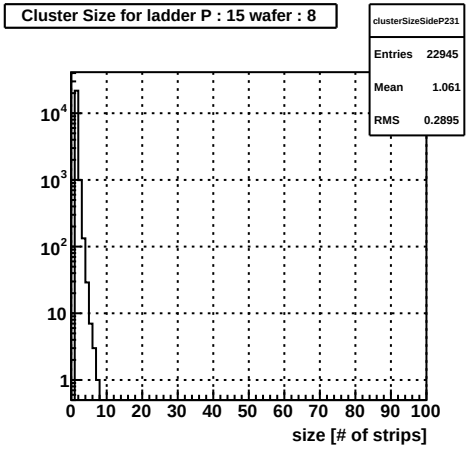

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4693
Mean 1.157
RMS 0.4722
size [# of strips]

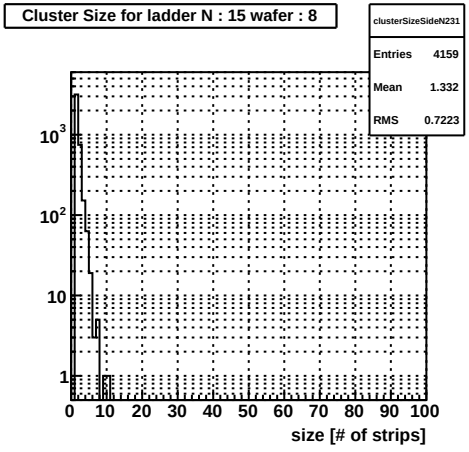

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

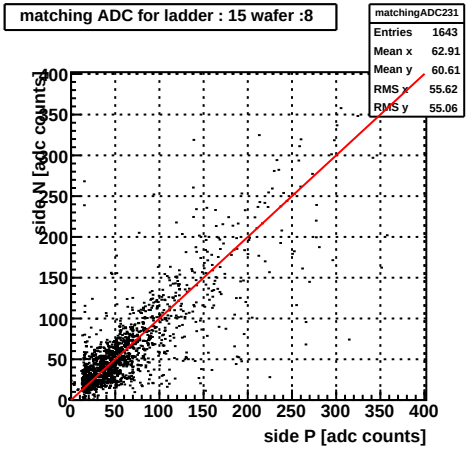

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

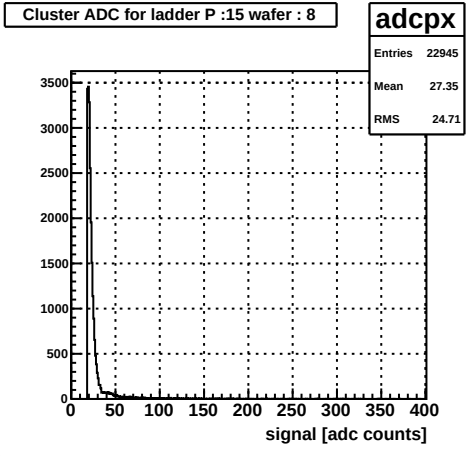

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4693
Mean 51.3
RMS 51.74
signal [adc counts]

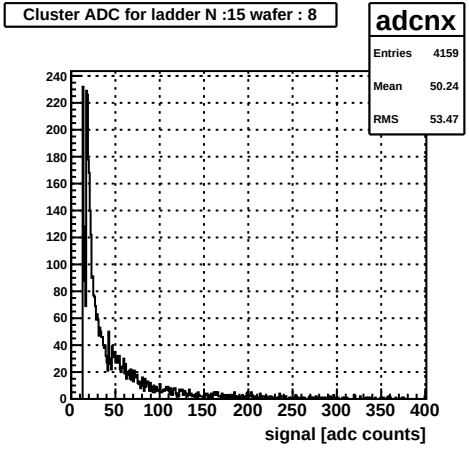

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

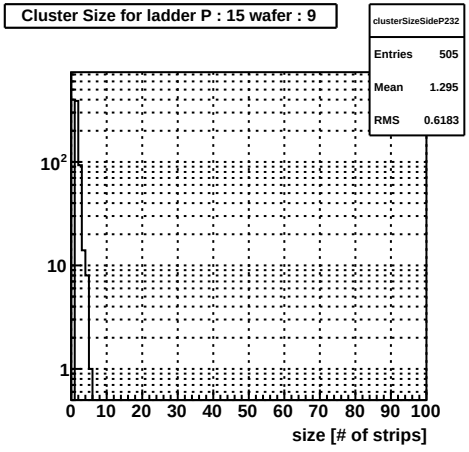

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22945
Mean 1.061
RMS 0.2895
size [# of strips]

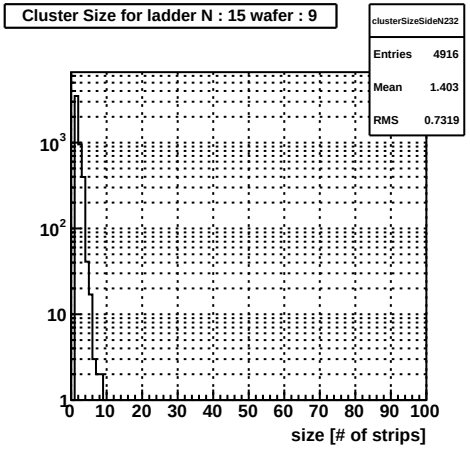

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4159
Mean 1.332
RMS 0.7223
size [# of strips]

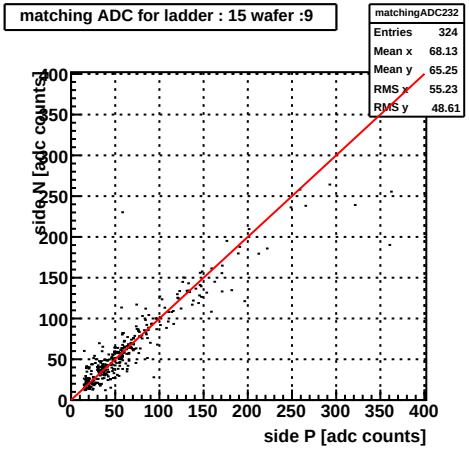

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1643
Mean x 62.91
Mean y 60.61
RMS x 55.62
RMS y 55.06
side N [adc counts]
side P [adc counts]

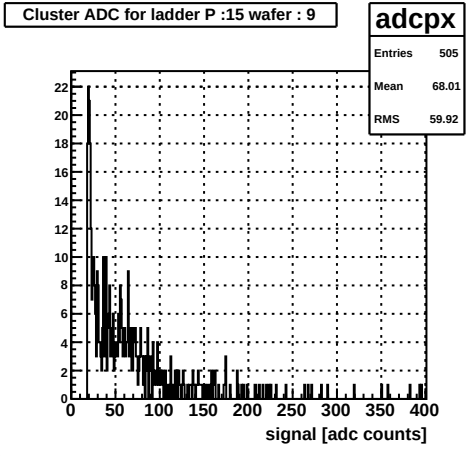

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22945
Mean 27.35
RMS 24.71
signal [adc counts]

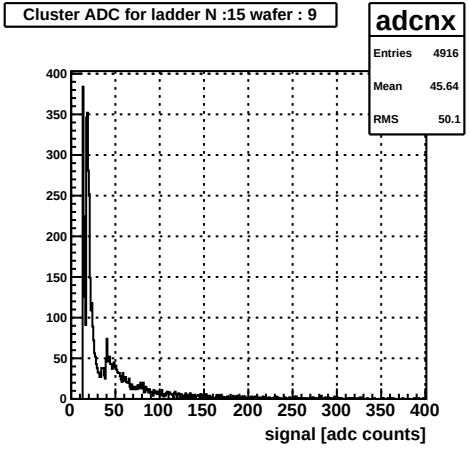

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4159
Mean 50.24
RMS 53.47
signal [adc counts]

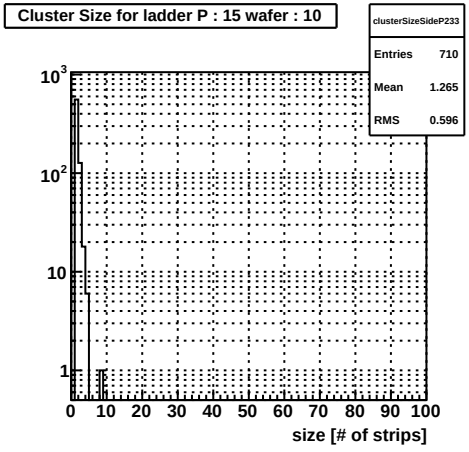

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 505
Mean 1.295
RMS 0.6183
size [# of strips]

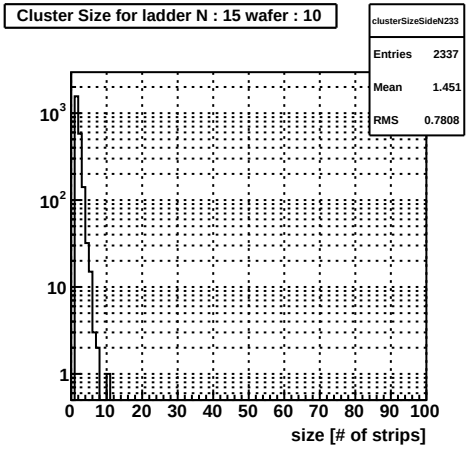

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4916
Mean 1.403
RMS 0.7319
size [# of strips]

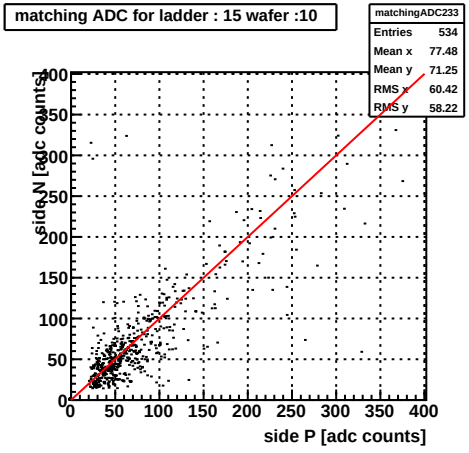

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 324
Mean x 68.13
Mean y 65.25
RMS x 55.23
RMS y 48.61
side N [adc counts]
side P [adc counts]

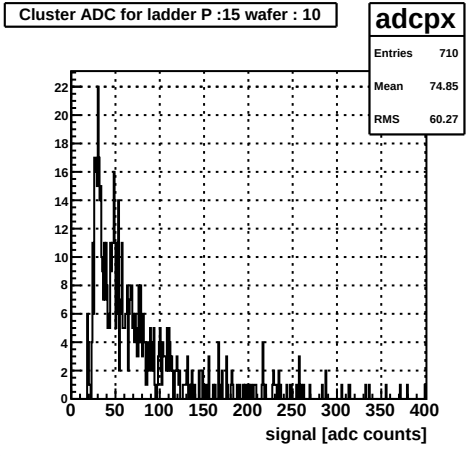

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 505
Mean 68.01
RMS 59.92
signal [adc counts]

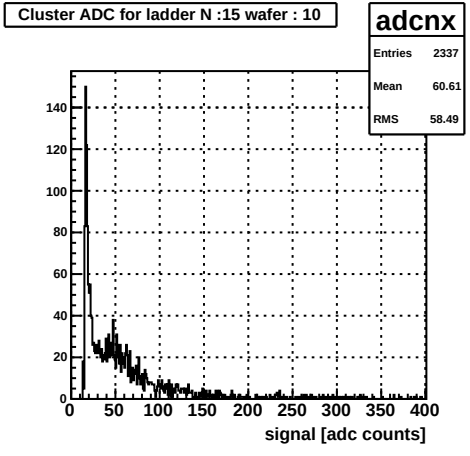

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4916
Mean 45.64
RMS 50.1
signal [adc counts]

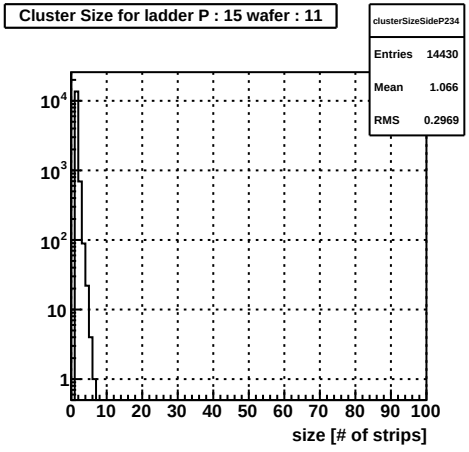

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 710
Mean 1.265
RMS 0.596
size [# of strips]

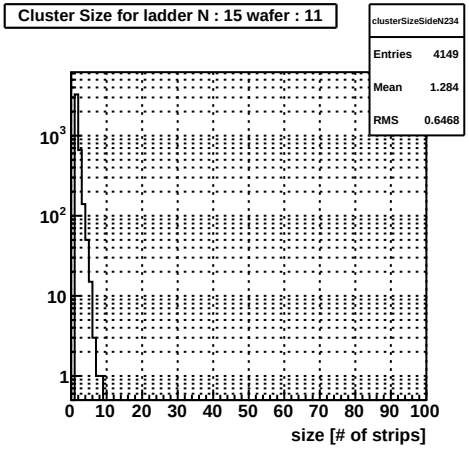

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2337
Mean 1.451
RMS 0.7808
size [# of strips]

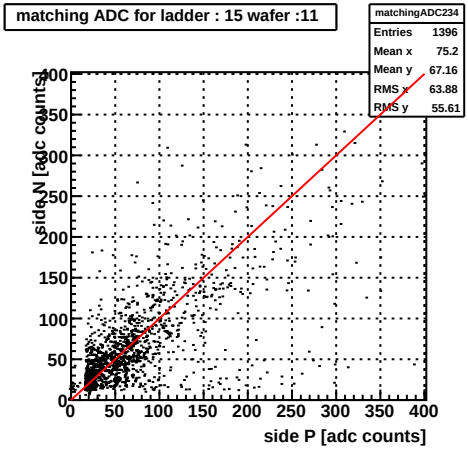

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 534
Mean x 77.48
Mean y 71.25
RMS x 60.42
RMS y 58.22
side N [adc counts]
side P [adc counts]

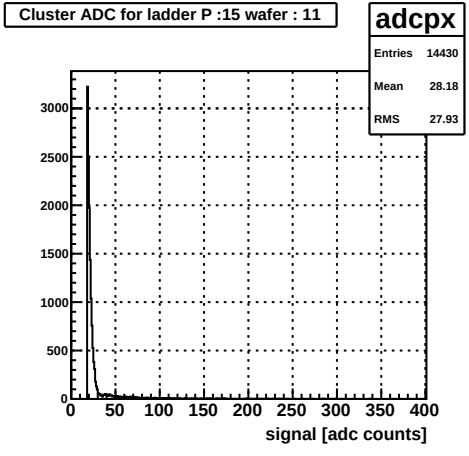

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 710
Mean 74.85
RMS 60.27
signal [adc counts]

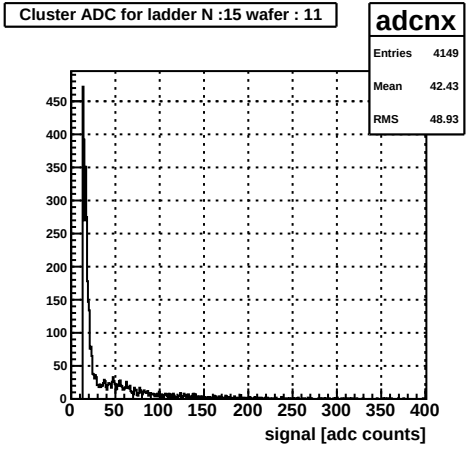

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2337
Mean 60.61
RMS 58.49
signal [adc counts]

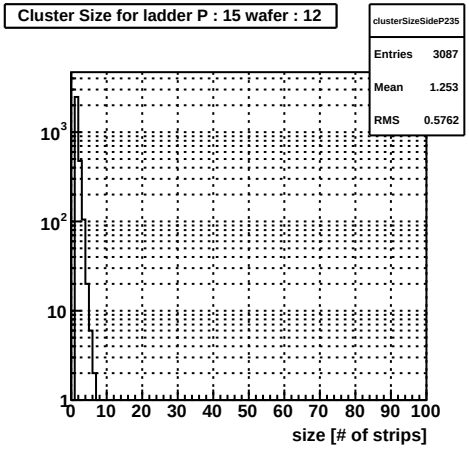

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 14430
Mean 1.066
RMS 0.2969
size [# of strips]

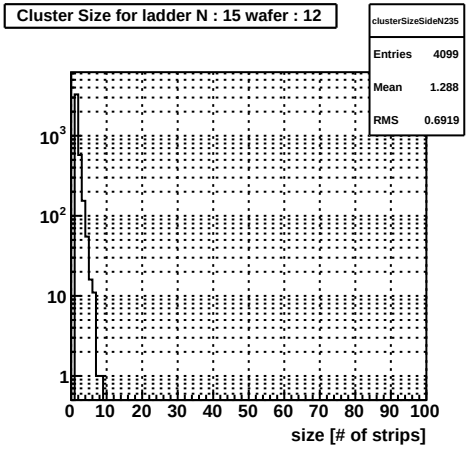

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4149
Mean 1.284
RMS 0.6468
size [# of strips]

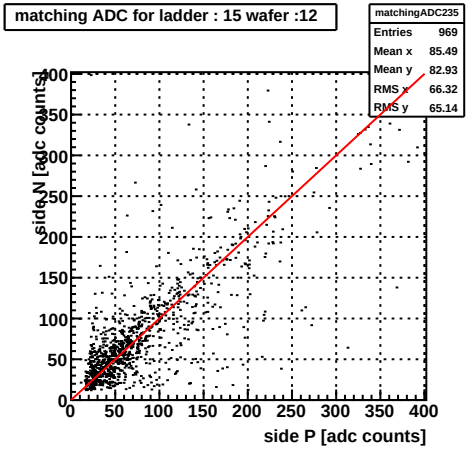

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1396
Mean x 75.2
Mean y 67.16
RMS x 63.88
RMS y 55.61
side N [adc counts]
side P [adc counts]

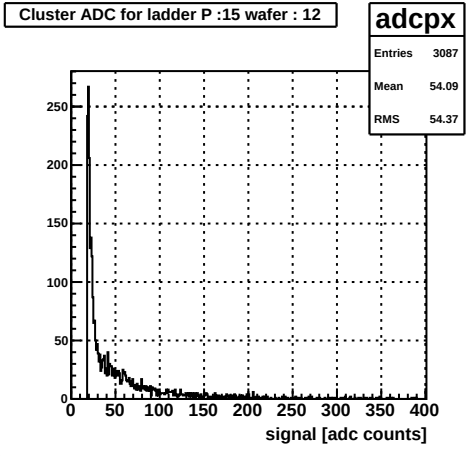

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 14430
Mean 28.18
RMS 27.93
signal [adc counts]

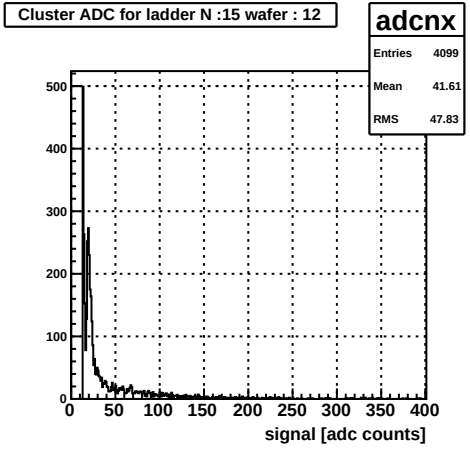

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4149
Mean 42.43
RMS 48.93
signal [adc counts]

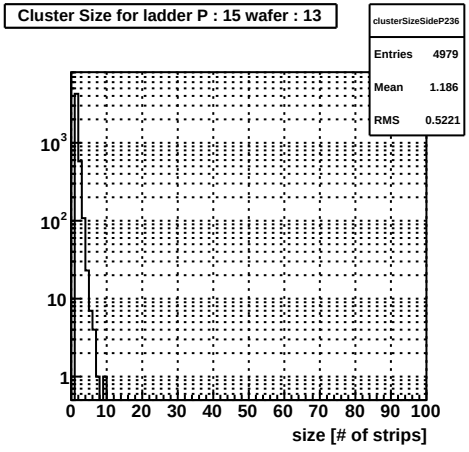

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3087
Mean 1.253
RMS 0.5762
size [# of strips]

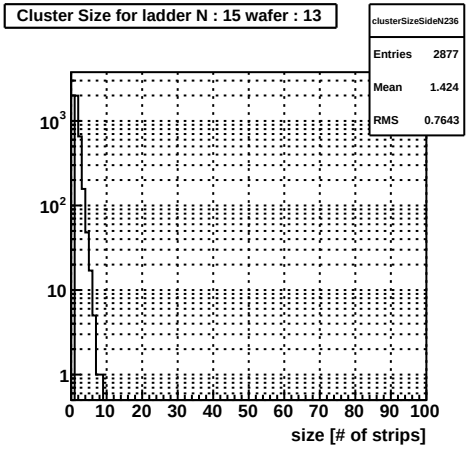

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4099
Mean 1.288
RMS 0.6919
size [# of strips]

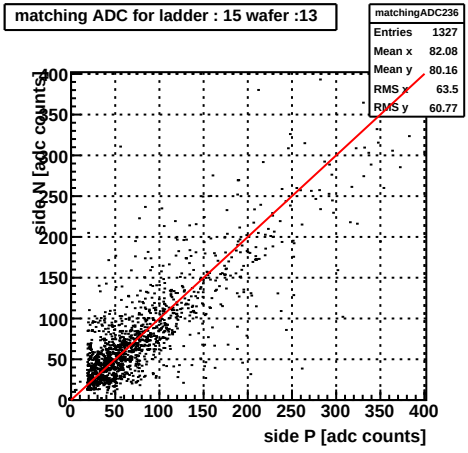

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 969
Mean x 85.49
Mean y 82.93
RMS x 66.32
RMS y 65.14
side N [adc counts]
side P [adc counts]

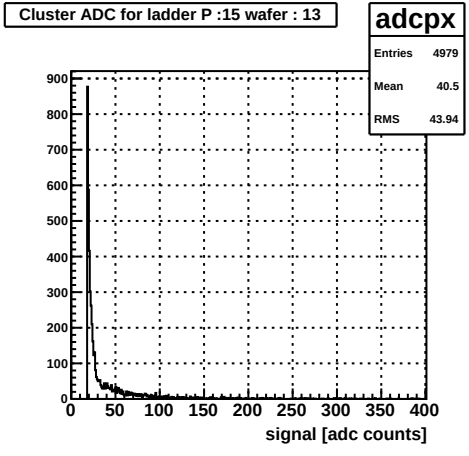

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3087
Mean 54.09
RMS 54.37
signal [adc counts]

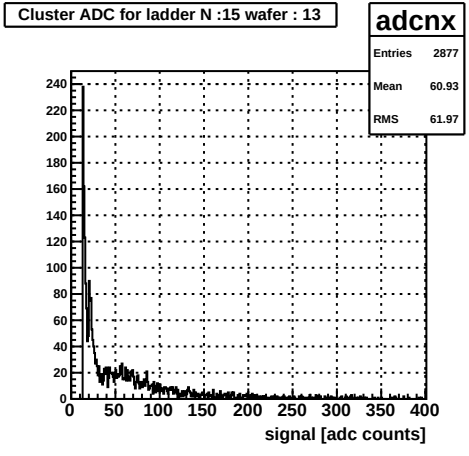

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4099
Mean 41.61
RMS 47.83
signal [adc counts]

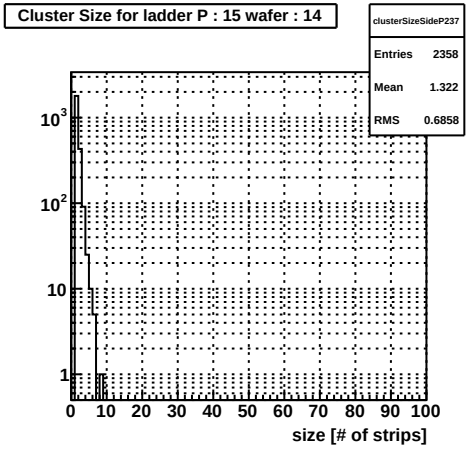

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4979
Mean 1.186
RMS 0.5221
size [# of strips]

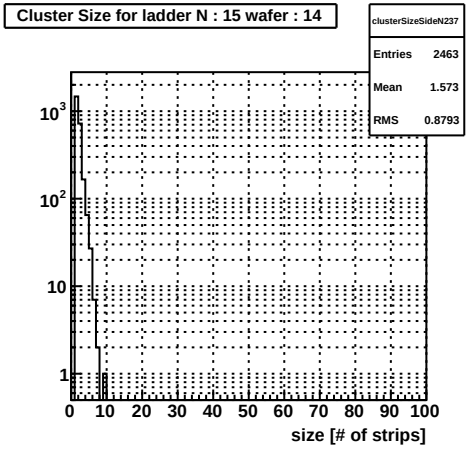

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2877
Mean 1.424
RMS 0.7643
size [# of strips]

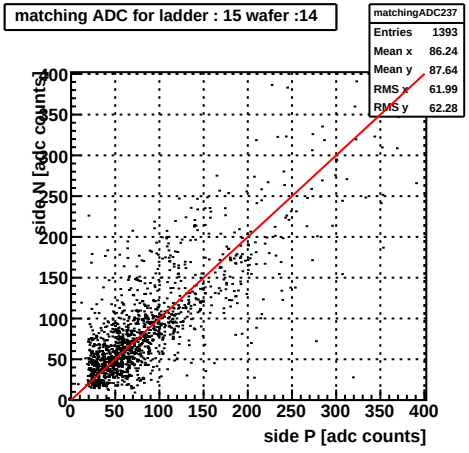

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1327
Mean x 82.08
Mean y 80.16
RMS x 63.5
RMS y 60.77
side N [adc counts]
side P [adc counts]

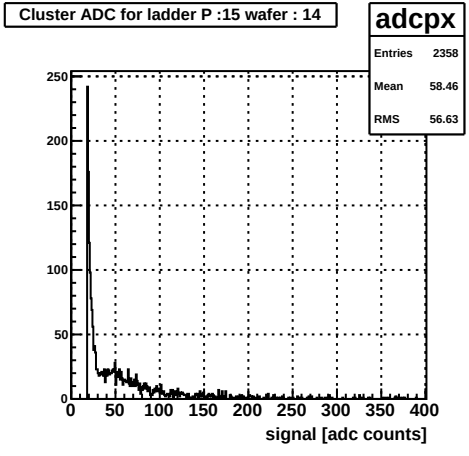

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4979
Mean 40.5
RMS 43.94
signal [adc counts]

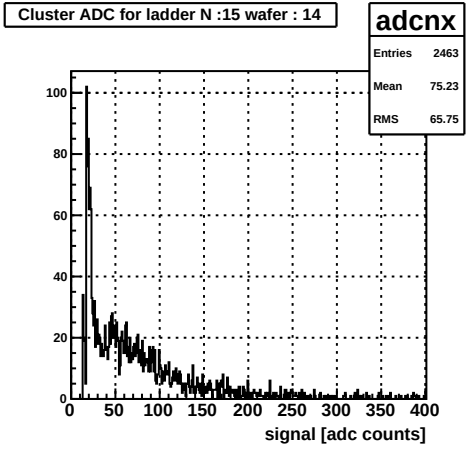

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2877
Mean 60.93
RMS 61.97
signal [adc counts]

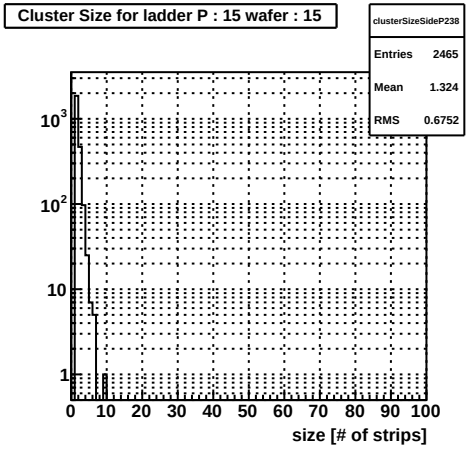

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2358
Mean 1.322
RMS 0.6858
size [# of strips]

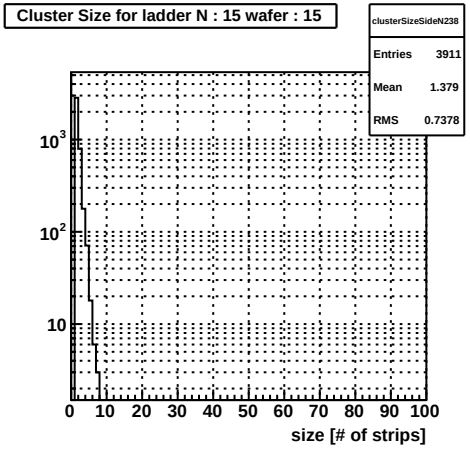

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2463
Mean 1.573
RMS 0.8793
size [# of strips]

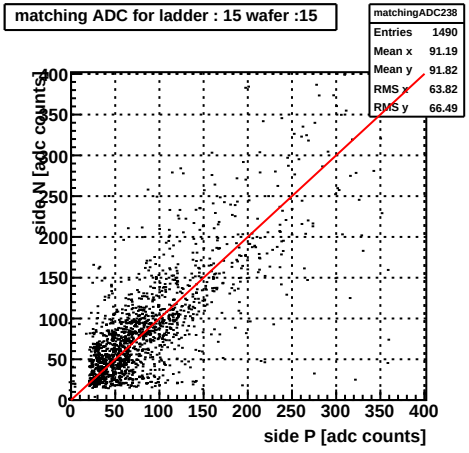

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1393
Mean x 86.24
Mean y 87.64
RMS x 61.99
RMS y 62.28
side N [adc counts]
side P [adc counts]

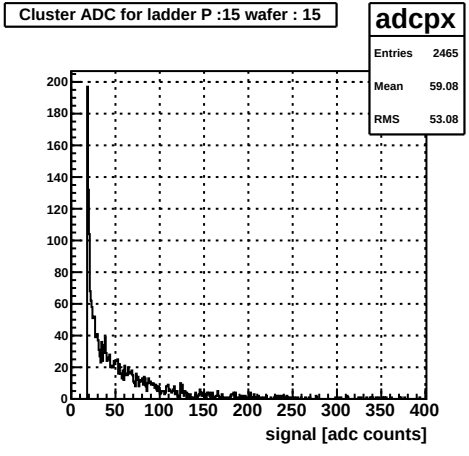

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2358
Mean 58.46
RMS 56.63
signal [adc counts]

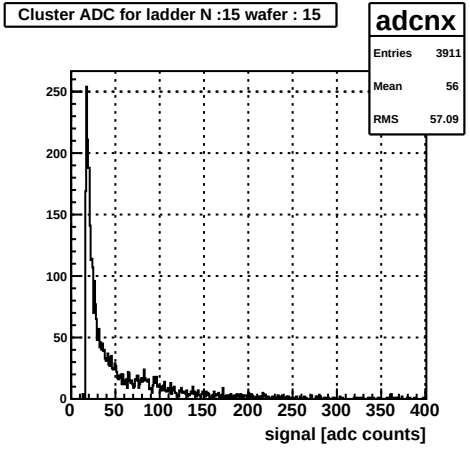

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2463
Mean 75.23
RMS 65.75
signal [adc counts]

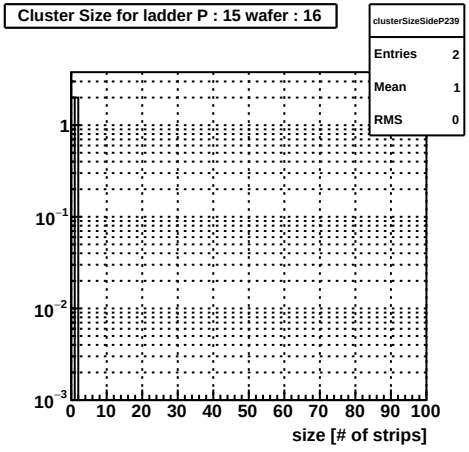

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2465
Mean 1.324
RMS 0.6752
size [# of strips]

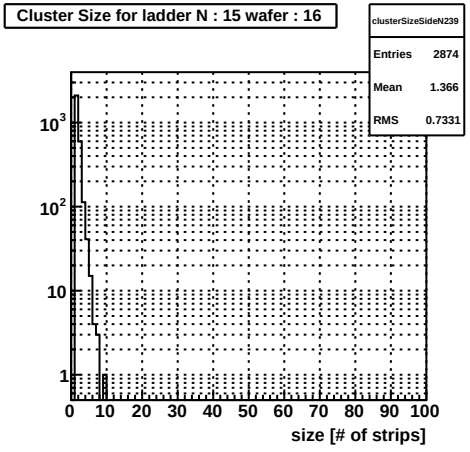

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3911
Mean 1.379
RMS 0.7378
size [# of strips]

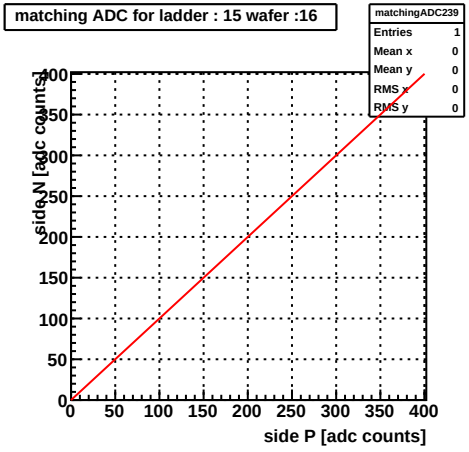

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1490
Mean x 91.19
Mean y 91.82
RMS x 63.82
RMS y 66.49
side N [adc counts]
side P [adc counts]

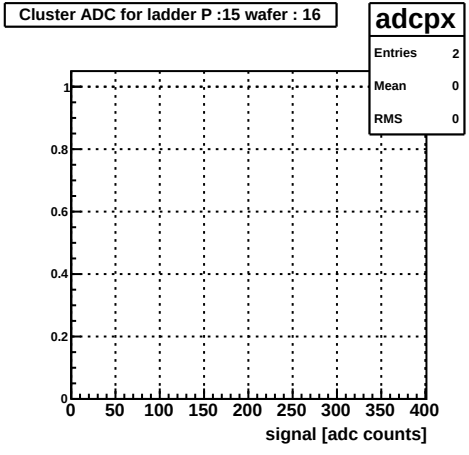

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2465
Mean 59.08
RMS 53.08
signal [adc counts]

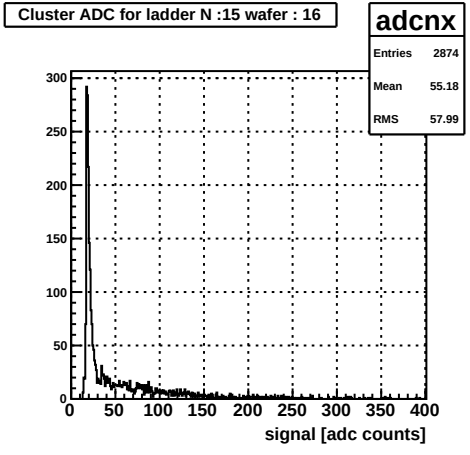

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3911
Mean 56
RMS 57.09
signal [adc counts]

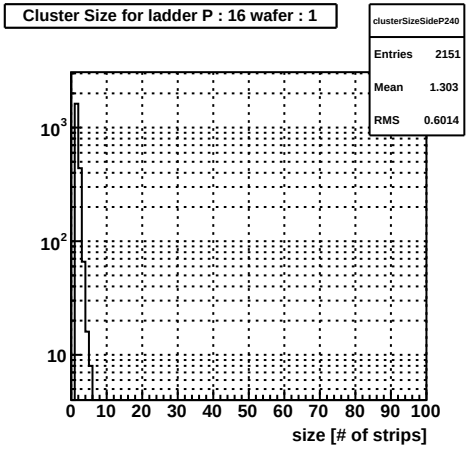

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 1
RMS 0
size [# of strips]

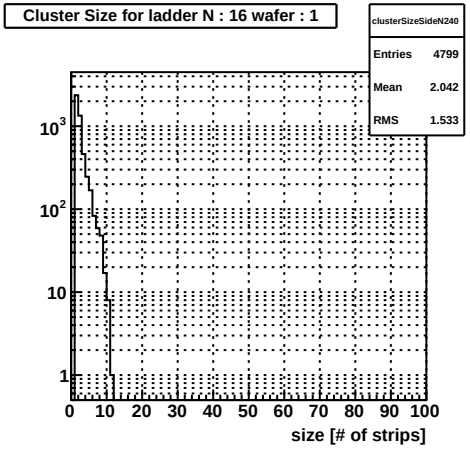

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2874
Mean 1.366
RMS 0.7331
size [# of strips]

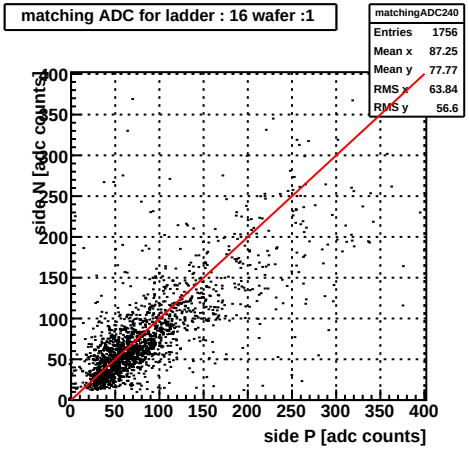

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

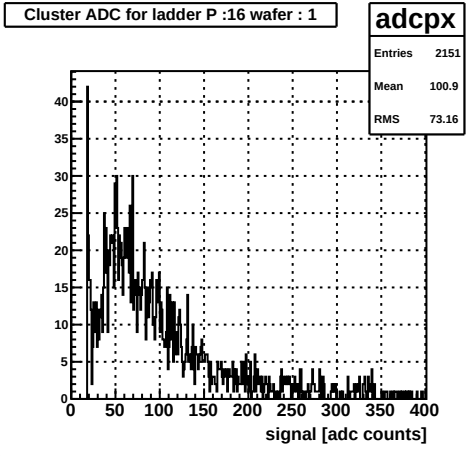

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

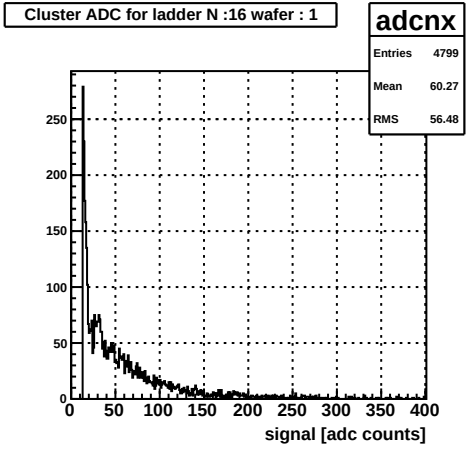

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2874
Mean 55.18
RMS 57.99
signal [adc counts]

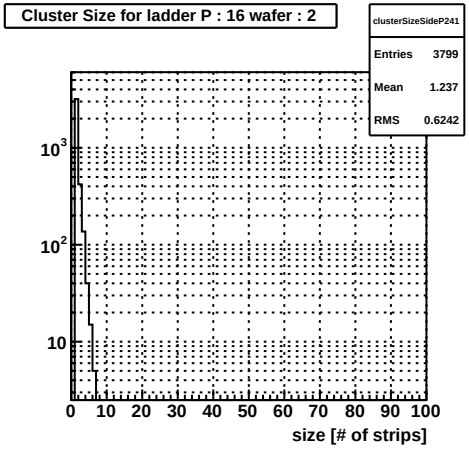

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2151
Mean 1.303
RMS 0.6014
size [# of strips]

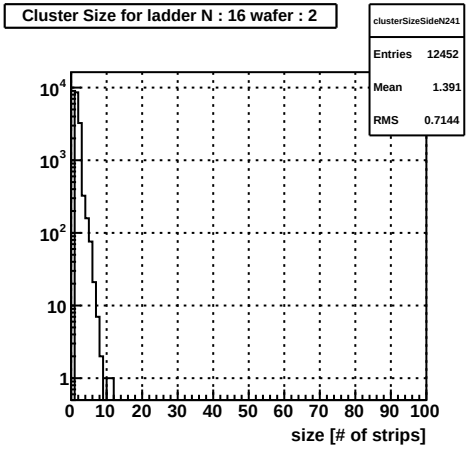

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4799
Mean 2.042
RMS 1.533
size [# of strips]

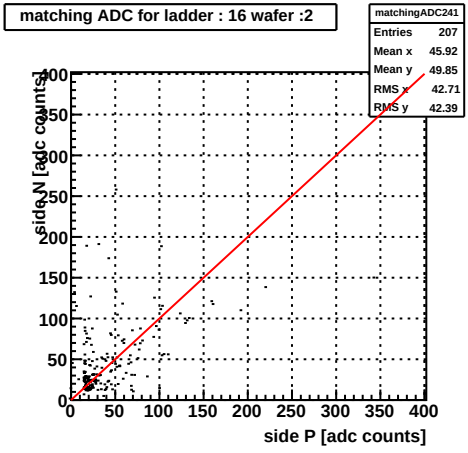

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1756
Mean x 87.25
Mean y 77.77
RMS x 63.84
RMS y 56.6
side N [adc counts]
side P [adc counts]

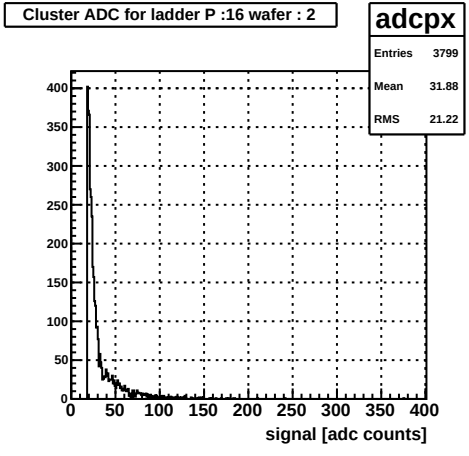

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2151
Mean 100.9
RMS 73.16
signal [adc counts]

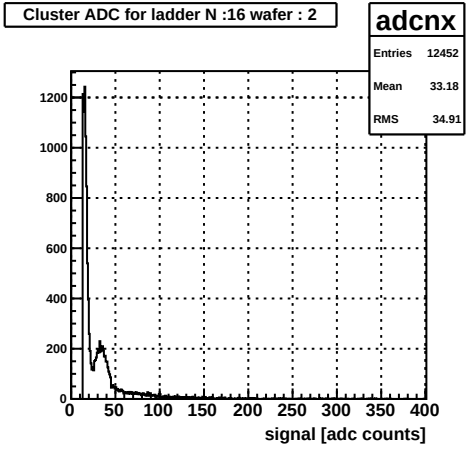

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4799
Mean 60.27
RMS 56.48
signal [adc counts]

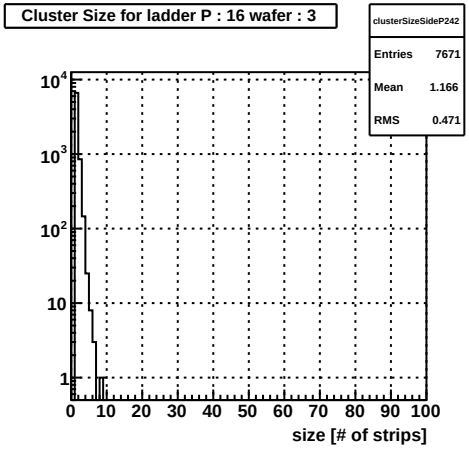

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3799
Mean 1.237
RMS 0.6242
size [# of strips]

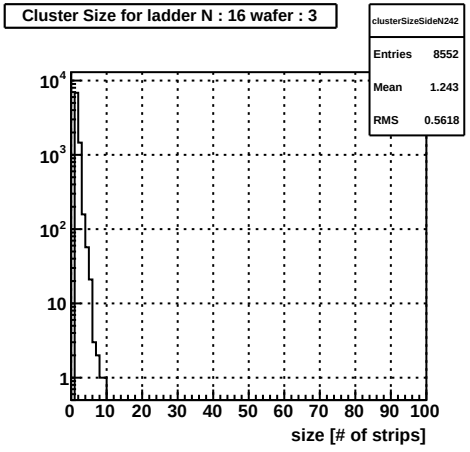

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 12452
Mean 1.391
RMS 0.7144
size [# of strips]

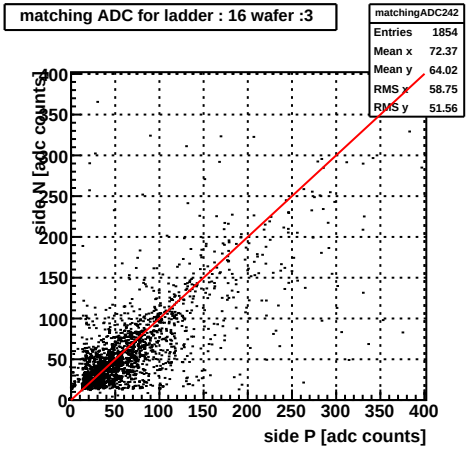

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 207
Mean x 45.92
Mean y 49.85
RMS x 42.71
RMS y 42.39
side N [adc counts]
side P [adc counts]

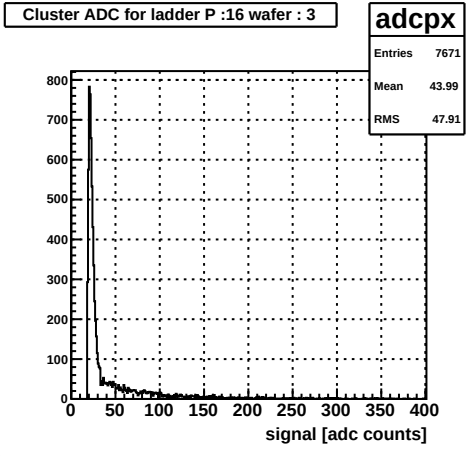

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3799
Mean 31.88
RMS 21.22
signal [adc counts]

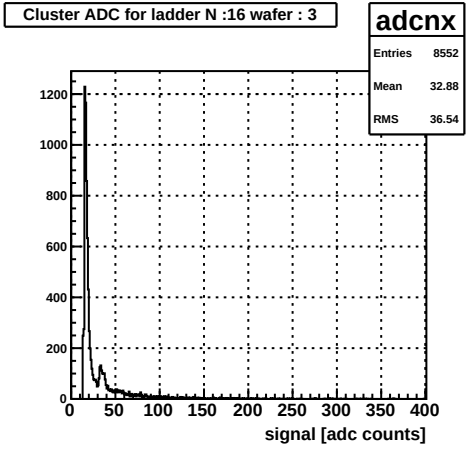

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 12452
Mean 33.18
RMS 34.91
signal [adc counts]

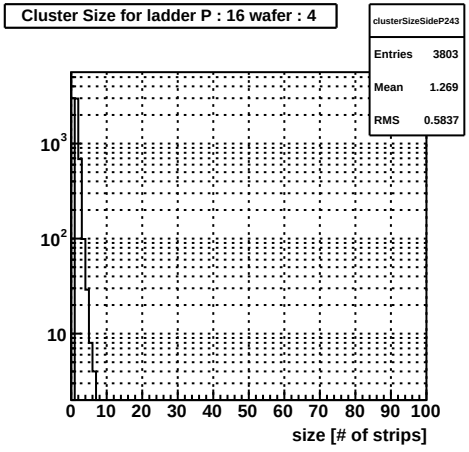

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7671
Mean 1.166
RMS 0.471
size [# of strips]

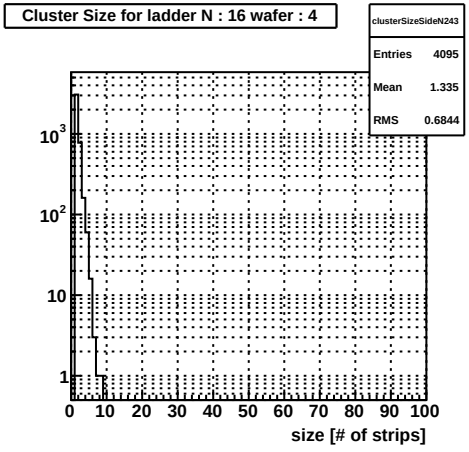

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 8552
Mean 1.243
RMS 0.5618
size [# of strips]

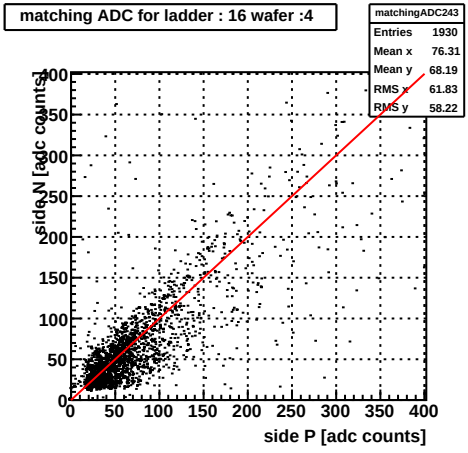

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1854
Mean x 72.37
Mean y 64.02
RMS x 58.75
RMS y 51.56
side N [adc counts]
side P [adc counts]

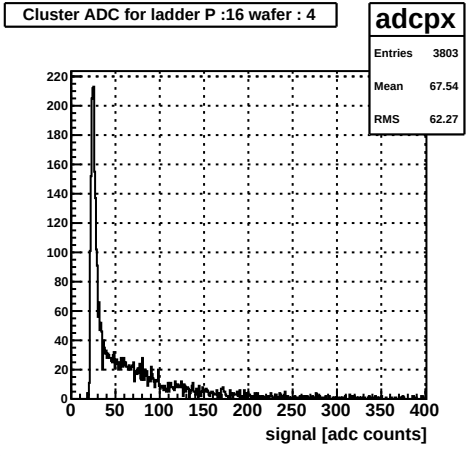

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7671
Mean 43.99
RMS 47.91
signal [adc counts]

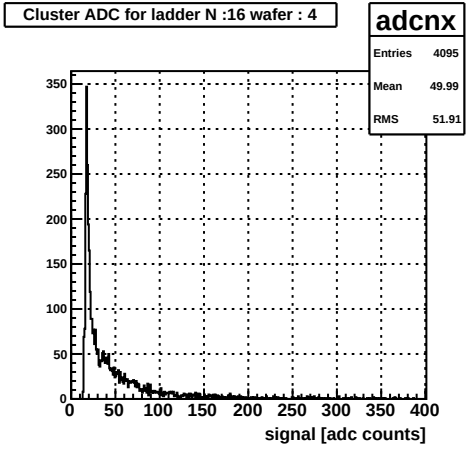

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 8552
Mean 32.88
RMS 36.54
signal [adc counts]

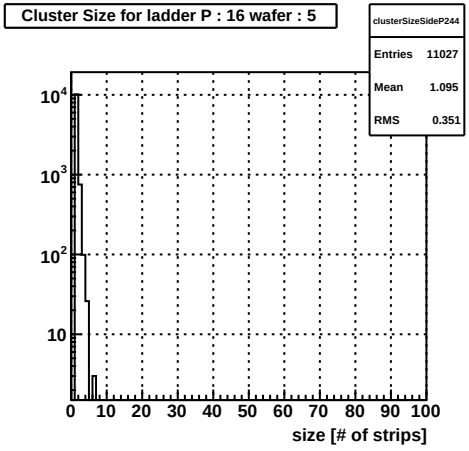

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3803
Mean 1.269
RMS 0.5837
size [# of strips]

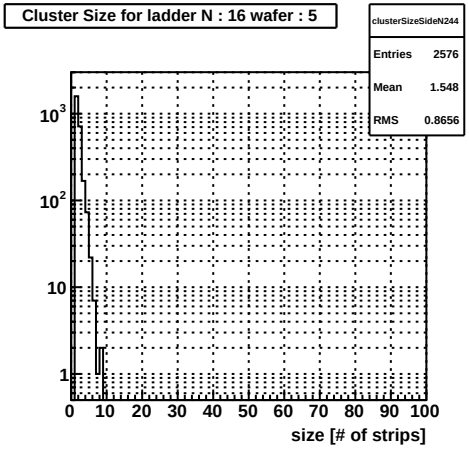

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4095
Mean 1.335
RMS 0.6844
size [# of strips]

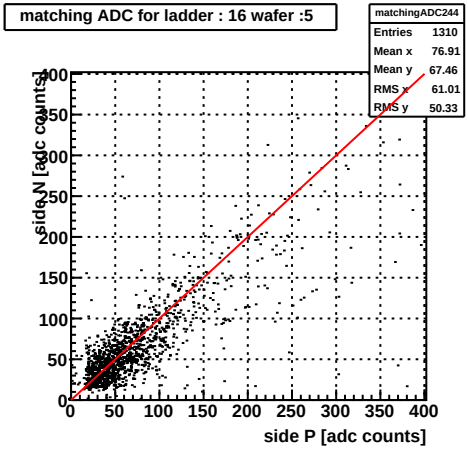

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1930
Mean x 76.31
Mean y 68.19
RMS x 61.83
RMS y 58.22
side N [adc counts]
side P [adc counts]

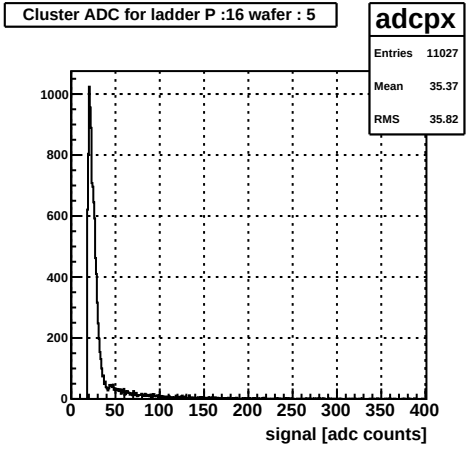

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3803
Mean 67.54
RMS 62.27
signal [adc counts]

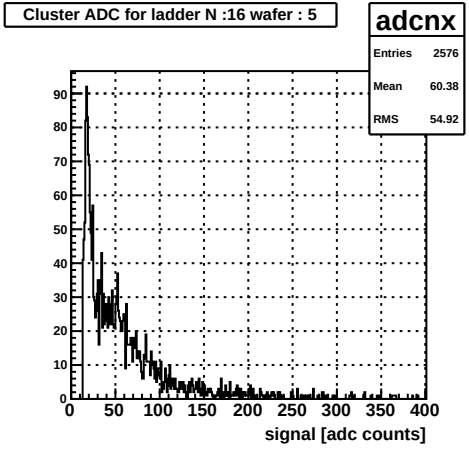

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4095
Mean 49.99
RMS 51.91
signal [adc counts]

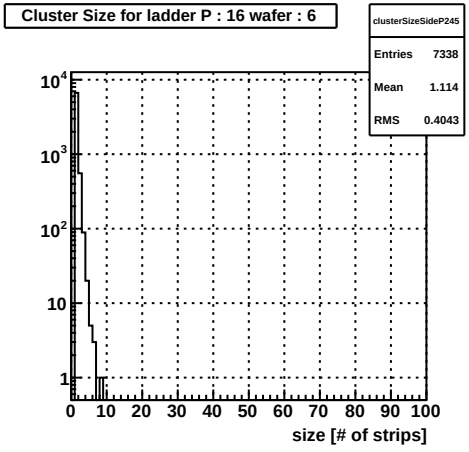

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11027
Mean 1.095
RMS 0.351
size [# of strips]

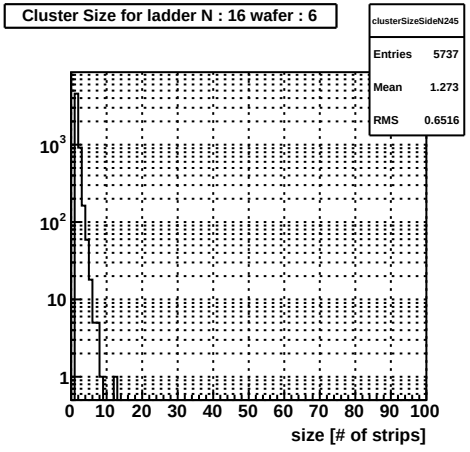

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2576
Mean 1.548
RMS 0.8656
size [# of strips]

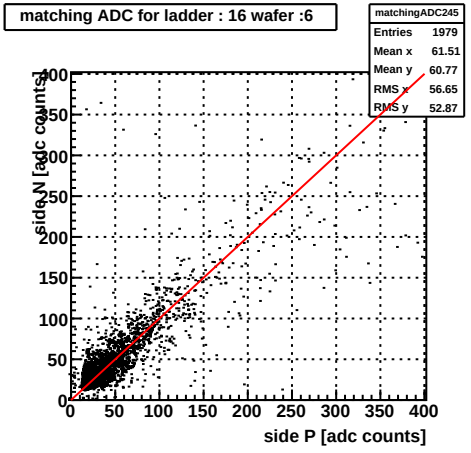

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1310
Mean x 76.91
Mean y 67.46
RMS x 61.01
RMS y 50.33
side N [adc counts]
side P [adc counts]

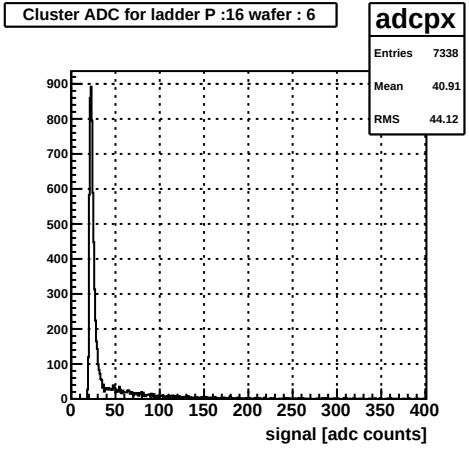

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11027
Mean 35.37
RMS 35.82
signal [adc counts]

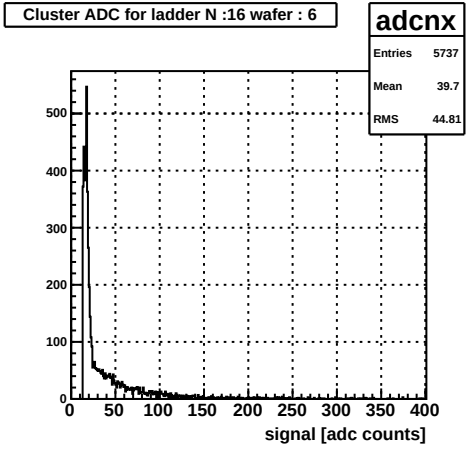

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2576
Mean 60.38
RMS 54.92
signal [adc counts]

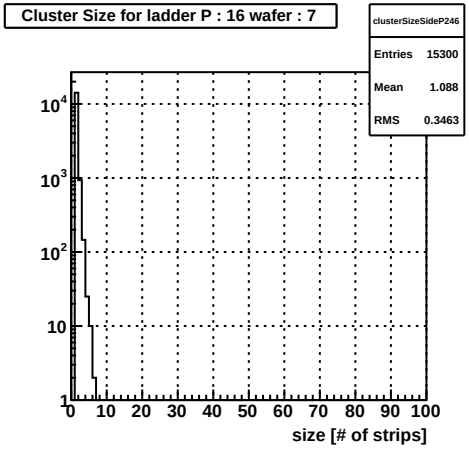

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7338
Mean 1.114
RMS 0.4043
size [# of strips]

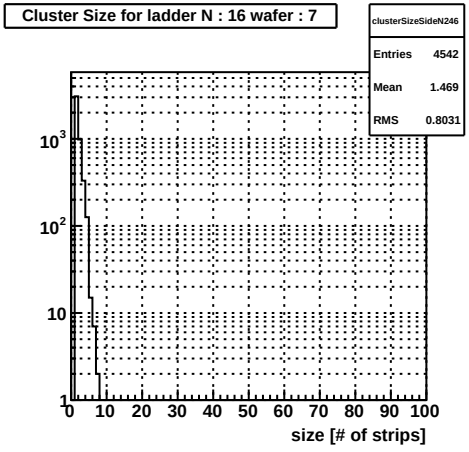

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 5737
Mean 1.273
RMS 0.6516
size [# of strips]

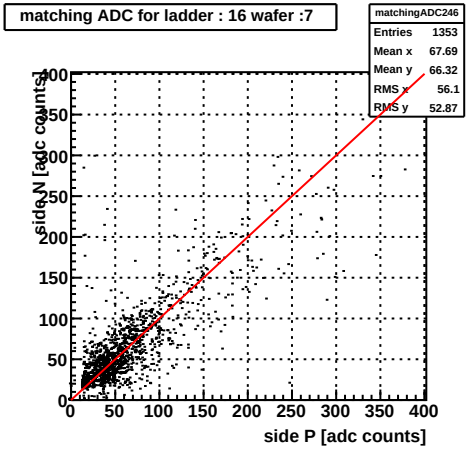

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1979
Mean x 61.51
Mean y 60.77
RMS x 56.65
RMS y 52.87
side N [adc counts]
side P [adc counts]

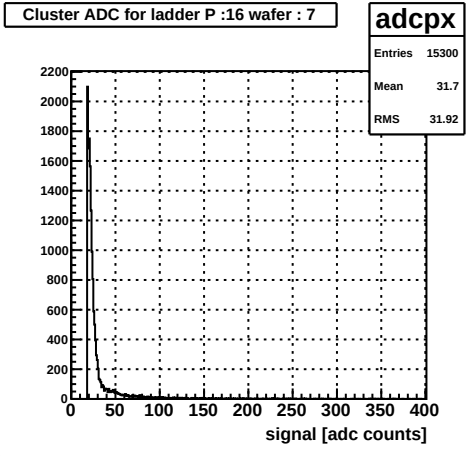

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7338
Mean 40.91
RMS 44.12
signal [adc counts]

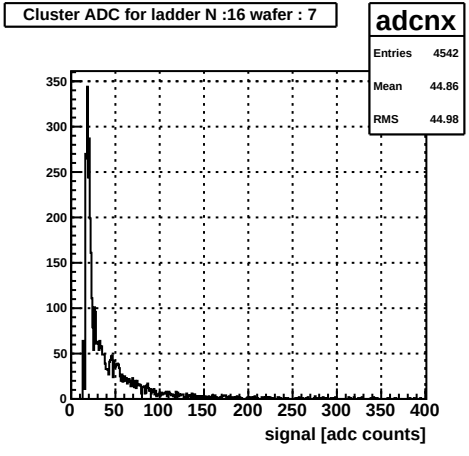

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 5737
Mean 39.7
RMS 44.81
signal [adc counts]

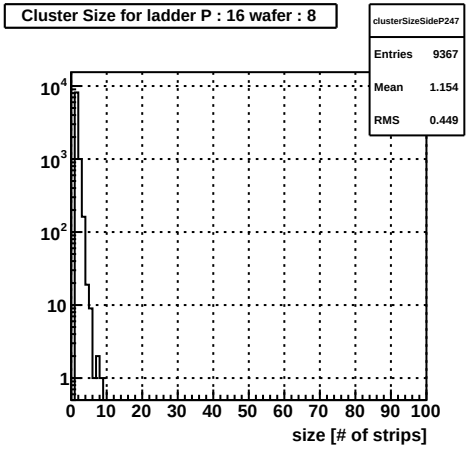

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 15300
Mean 1.088
RMS 0.3463
size [# of strips]

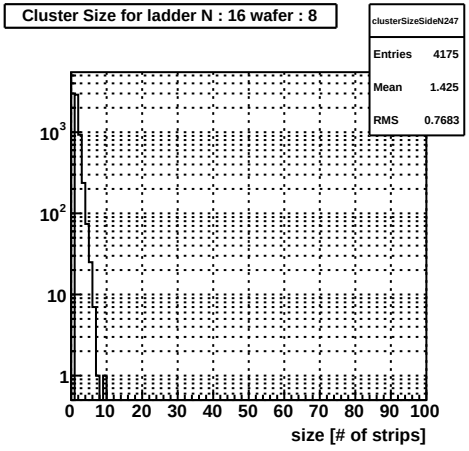

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4542
Mean 1.469
RMS 0.8031
size [# of strips]

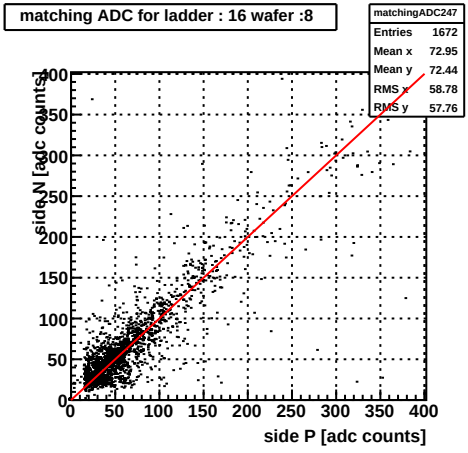

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1353
Mean x 67.69
Mean y 66.32
RMS x 56.1
RMS y 52.87
side N [adc counts]
side P [adc counts]

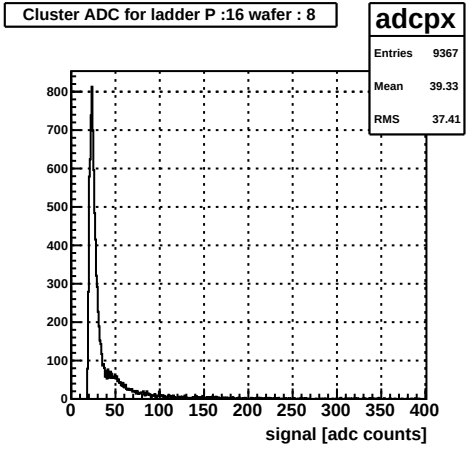

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 15300
Mean 31.7
RMS 31.92
signal [adc counts]

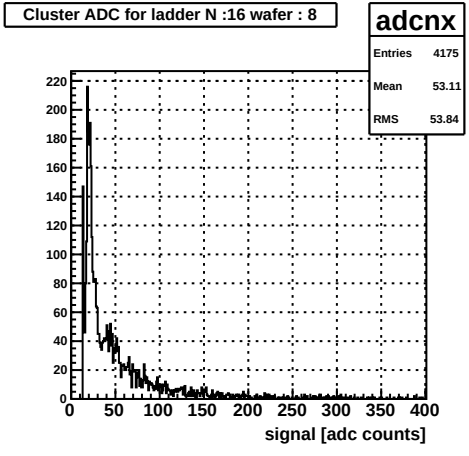

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4542
Mean 44.86
RMS 44.98
signal [adc counts]

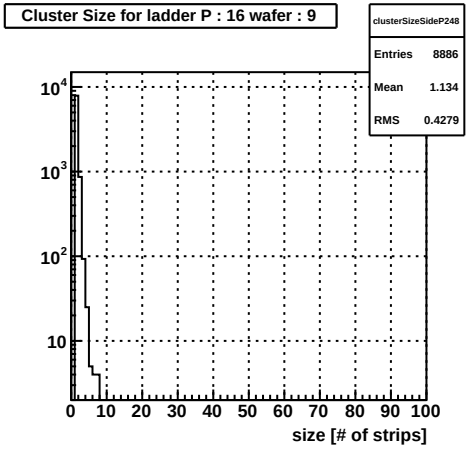

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9367
Mean 1.154
RMS 0.449
size [# of strips]

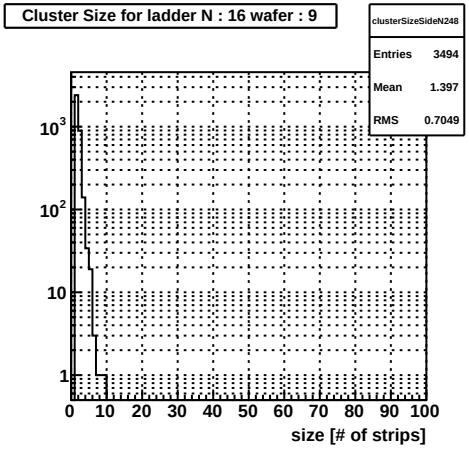

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4175
Mean 1.425
RMS 0.7683
size [# of strips]

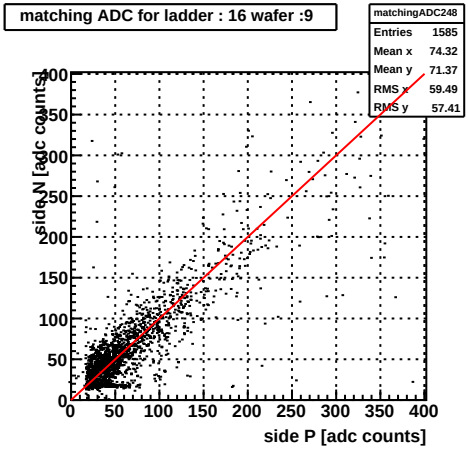

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1672
Mean x 72.95
Mean y 72.44
RMS x 58.78
RMS y 57.76
side N [adc counts]
side P [adc counts]

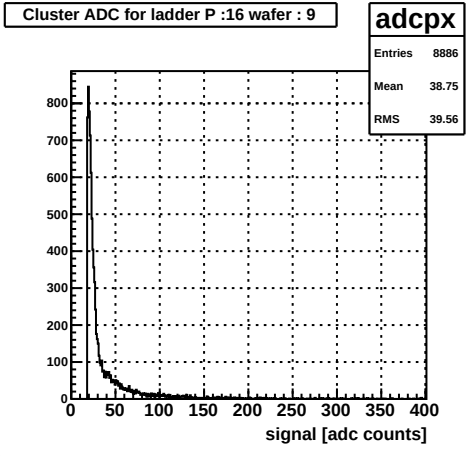

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9367
Mean 39.33
RMS 37.41
signal [adc counts]

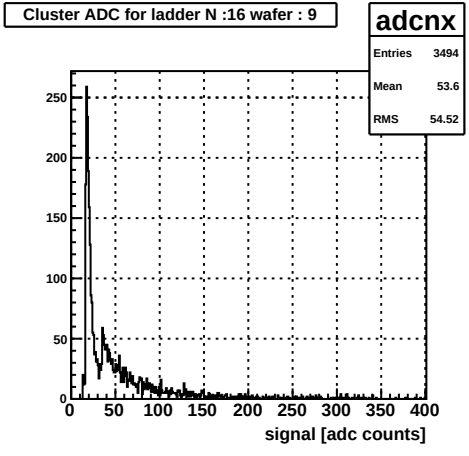

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4175
Mean 53.11
RMS 53.84
signal [adc counts]

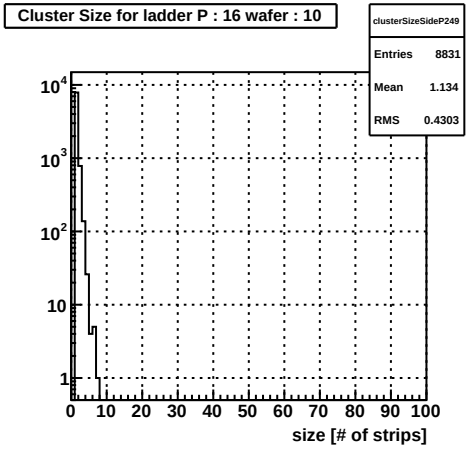

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 8886
Mean 1.134
RMS 0.4279
size [# of strips]

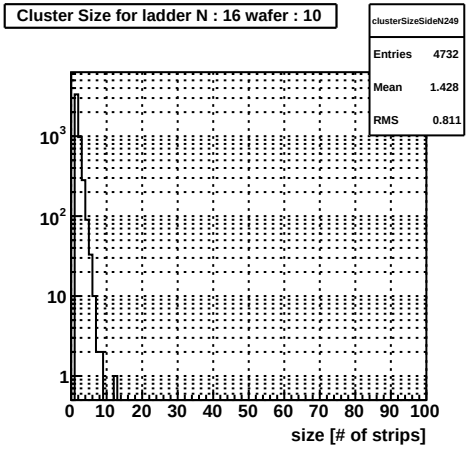

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3494
Mean 1.397
RMS 0.7049
size [# of strips]

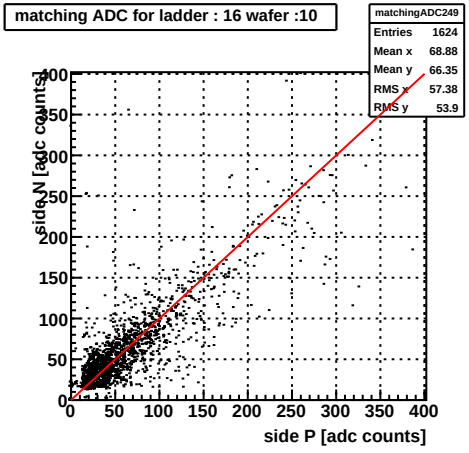

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1585
Mean x 74.32
Mean y 71.37
RMS x 59.49
RMS y 57.41
side N [adc counts]
side P [adc counts]

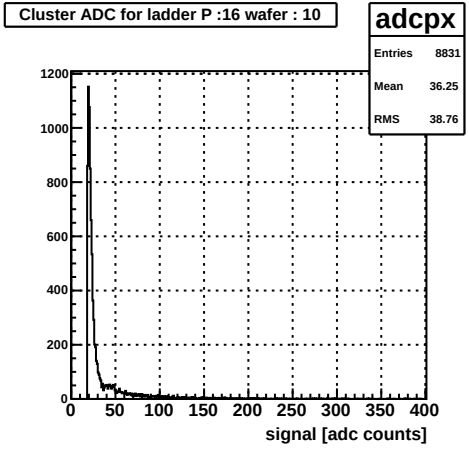

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 8886
Mean 38.75
RMS 39.56
signal [adc counts]

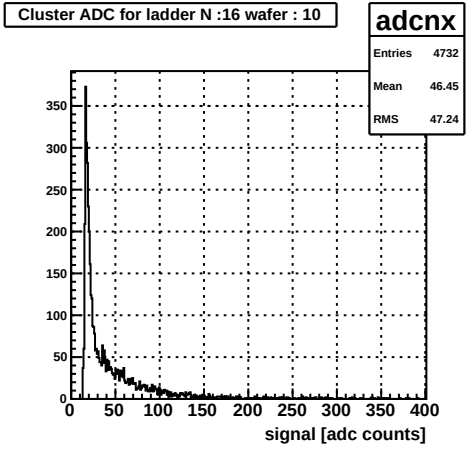

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3494
Mean 53.6
RMS 54.52
signal [adc counts]

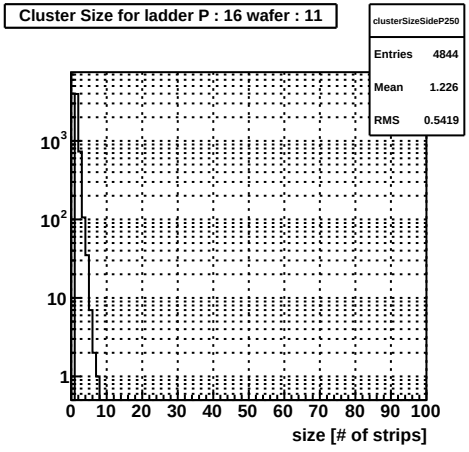

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8831
Mean 1.134
RMS 0.4303
size [# of strips]

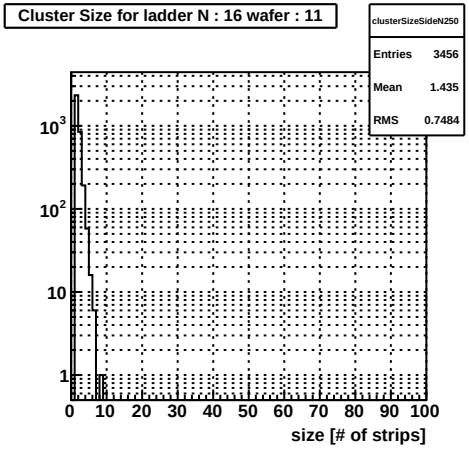

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4732
Mean 1.428
RMS 0.811
size [# of strips]

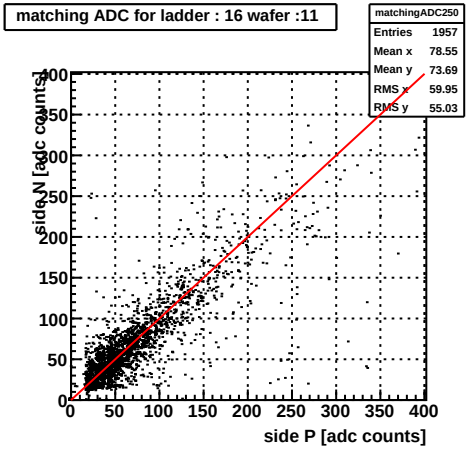

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1624
Mean x 68.88
Mean y 66.35
RMS x 57.38
RMS y 53.9
side N [adc counts]
side P [adc counts]

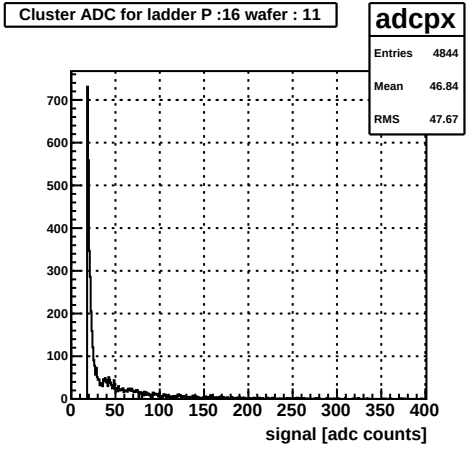

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8831
Mean 36.25
RMS 38.76
signal [adc counts]

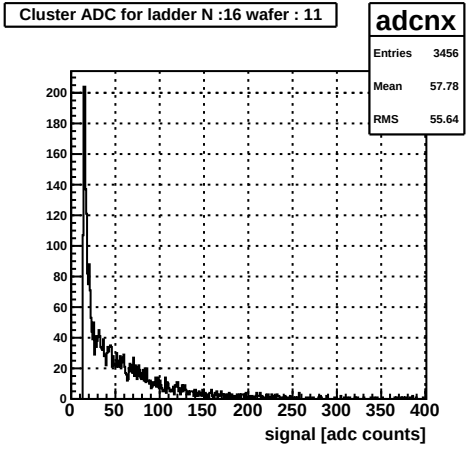

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4732
Mean 46.45
RMS 47.24
signal [adc counts]

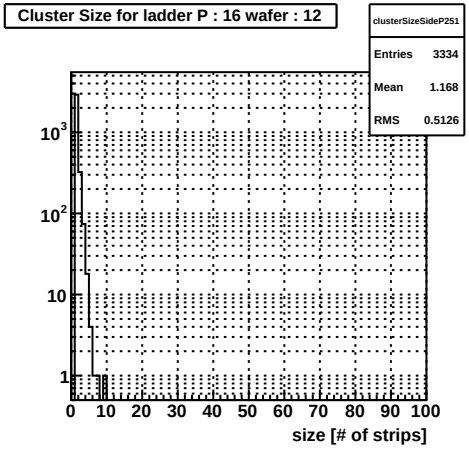

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4844
Mean 1.226
RMS 0.5419
size [# of strips]

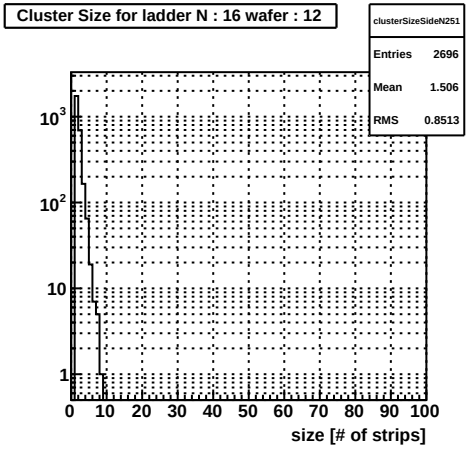

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3456
Mean 1.435
RMS 0.7484
size [# of strips]

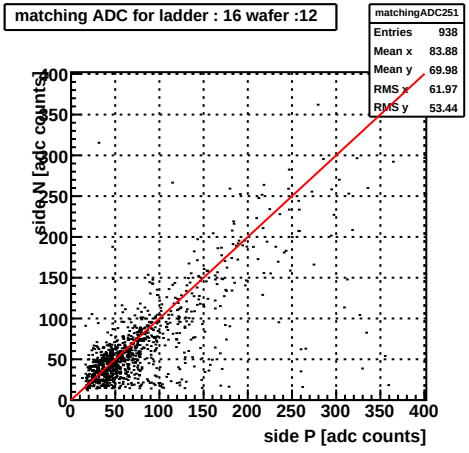

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1957
Mean x 78.55
Mean y 73.69
RMS x 59.95
RMS y 55.03
side N [adc counts]
side P [adc counts]

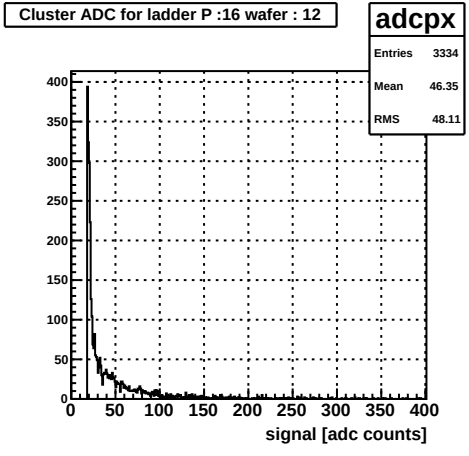

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4844
Mean 46.84
RMS 47.67
signal [adc counts]

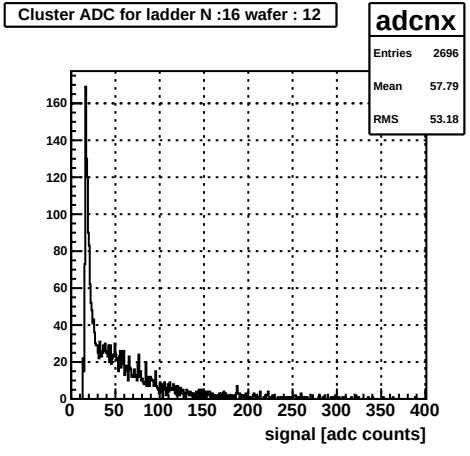

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3456
Mean 57.78
RMS 55.64
signal [adc counts]

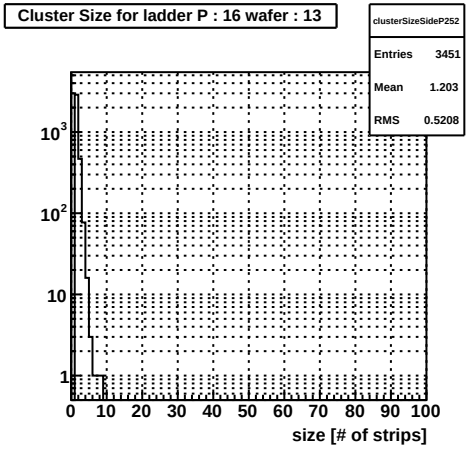

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3334
Mean 1.168
RMS 0.5126
size [# of strips]

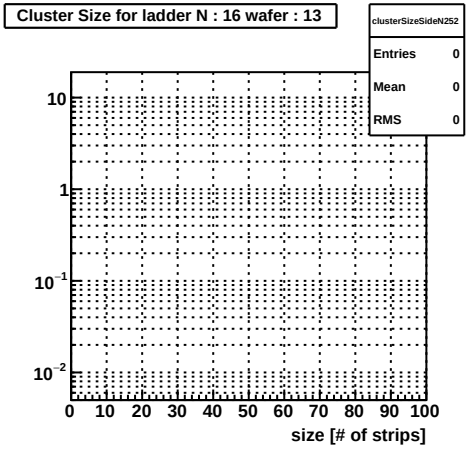

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2696
Mean 1.506
RMS 0.8513
size [# of strips]

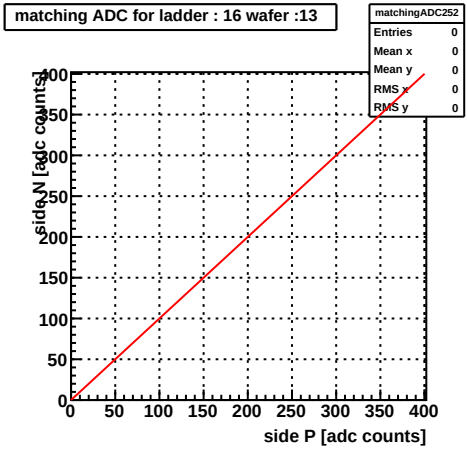

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 938
Mean x 83.88
Mean y 69.98
RMS x 61.97
RMS y 53.44
side N [adc counts]
side P [adc counts]

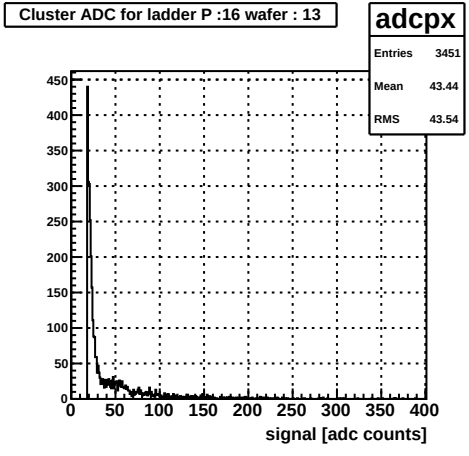

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3334
Mean 46.35
RMS 48.11
signal [adc counts]

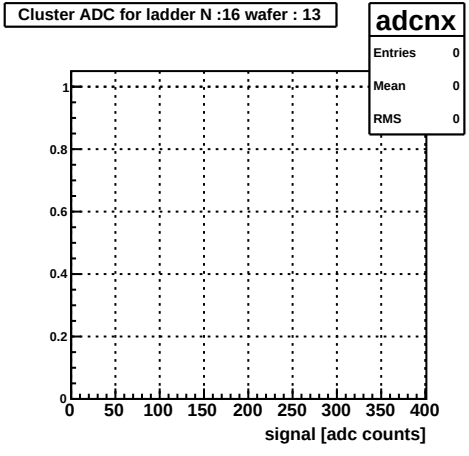

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2696
Mean 57.79
RMS 53.18
signal [adc counts]

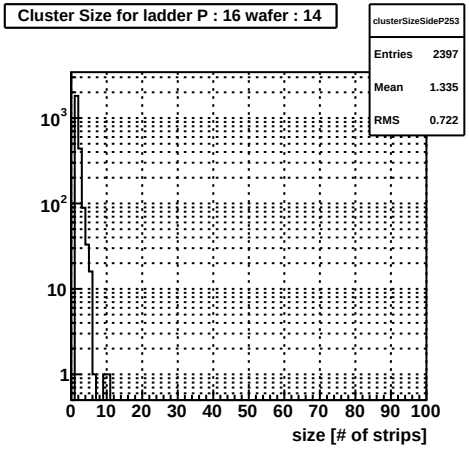

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3451
Mean 1.203
RMS 0.5208
size [# of strips]

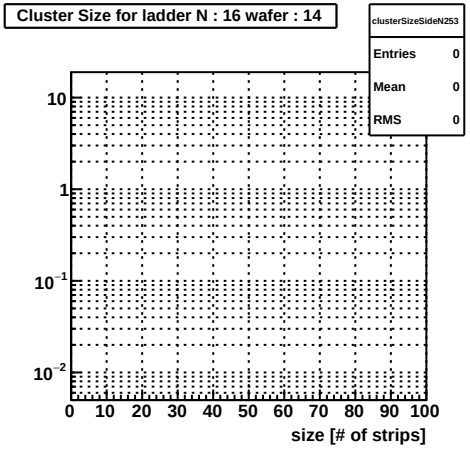

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

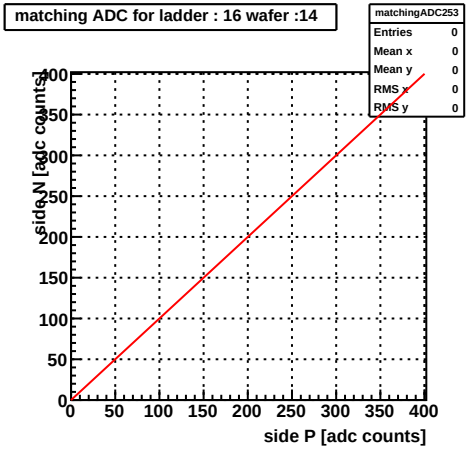

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

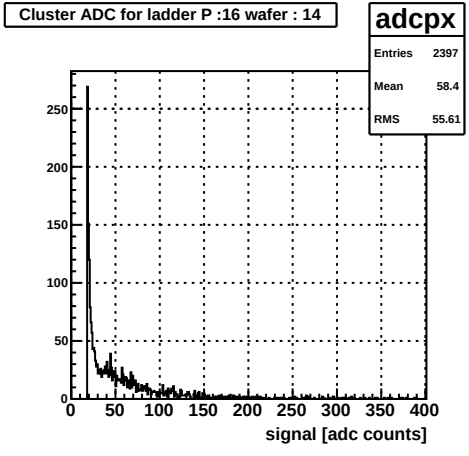

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3451
Mean 43.44
RMS 43.54
signal [adc counts]

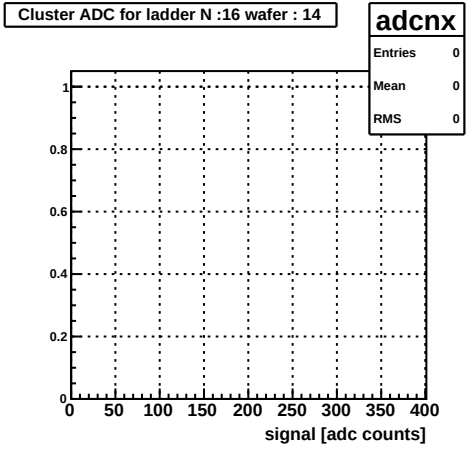

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

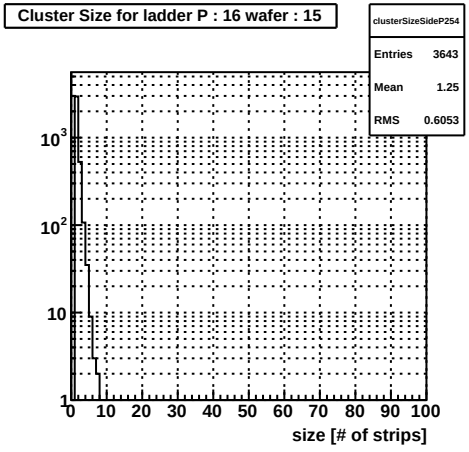

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2397
Mean 1.335
RMS 0.722
size [# of strips]

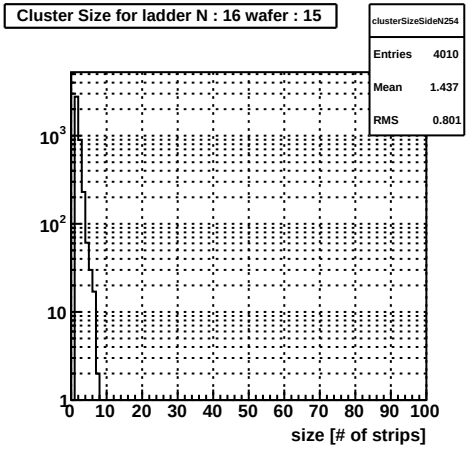

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

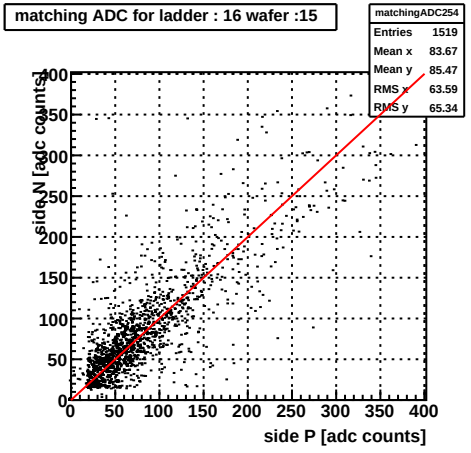

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

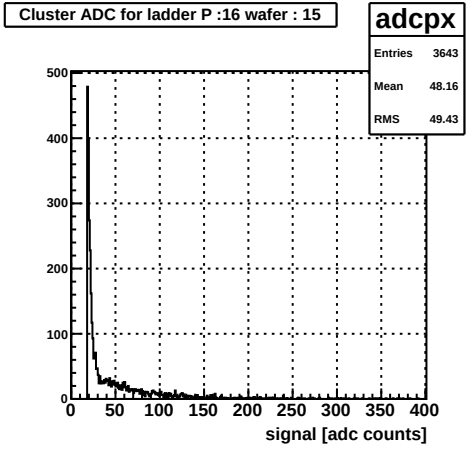

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2397
Mean 58.4
RMS 55.61
signal [adc counts]

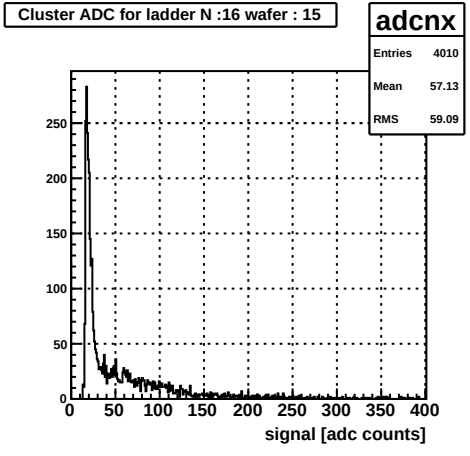

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

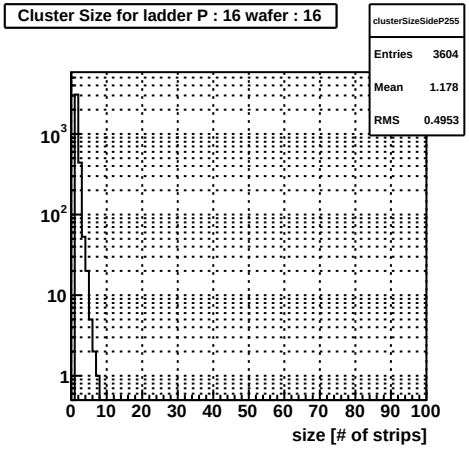

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3643
Mean 1.25
RMS 0.6053
size [# of strips]

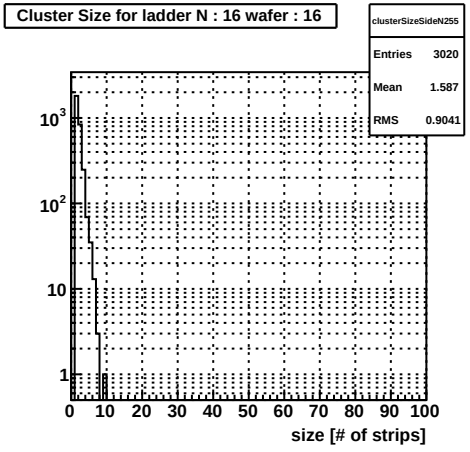

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4010
Mean 1.437
RMS 0.801
size [# of strips]

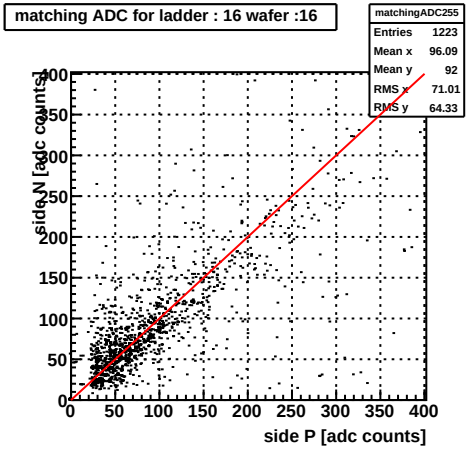

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1519
Mean x 83.67
Mean y 85.47
RMS x 63.59
RMS y 65.34
side N [adc counts]
side P [adc counts]

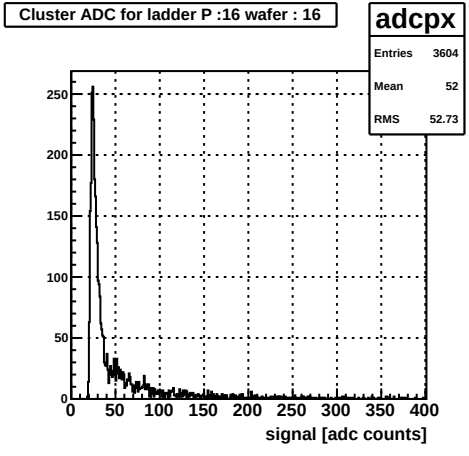

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3643
Mean 48.16
RMS 49.43
signal [adc counts]

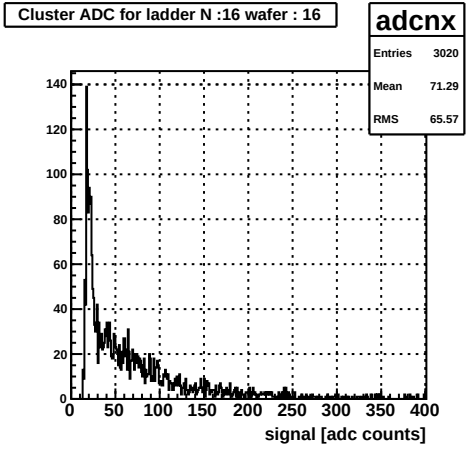

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4010
Mean 57.13
RMS 59.09
signal [adc counts]

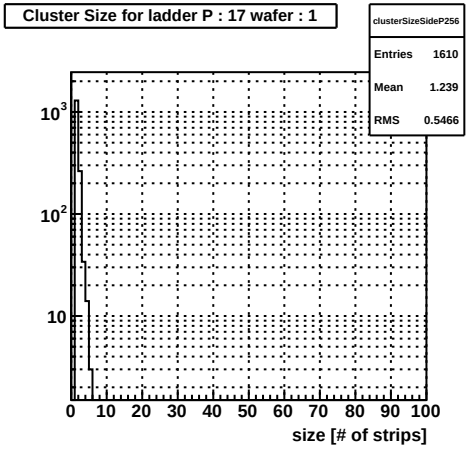

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3604
Mean 1.178
RMS 0.4953
size [# of strips]

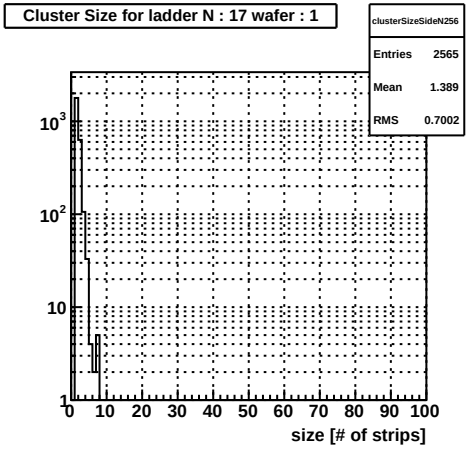

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 3020
Mean 1.587
RMS 0.9041
size [# of strips]

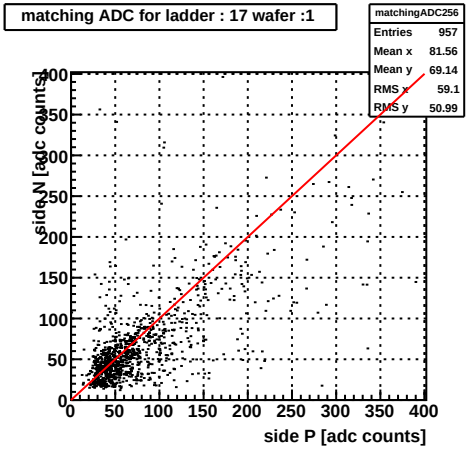

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1223
Mean x 96.09
Mean y 92
RMS x 71.01
RMS y 64.33
side N [adc counts]
side P [adc counts]

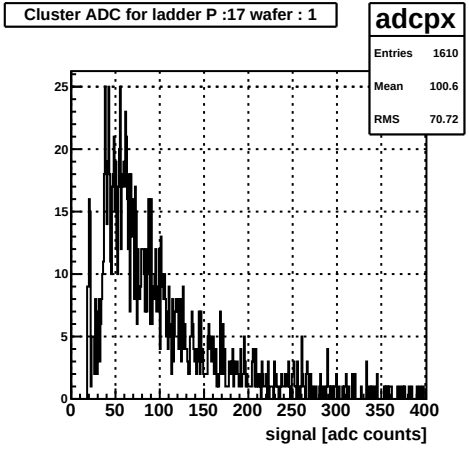

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3604
Mean 52
RMS 52.73
signal [adc counts]

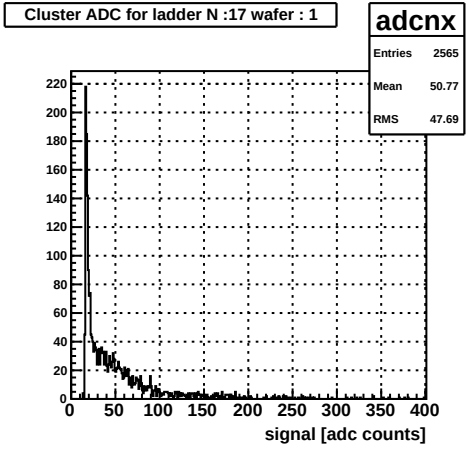

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 3020
Mean 71.29
RMS 65.57
signal [adc counts]

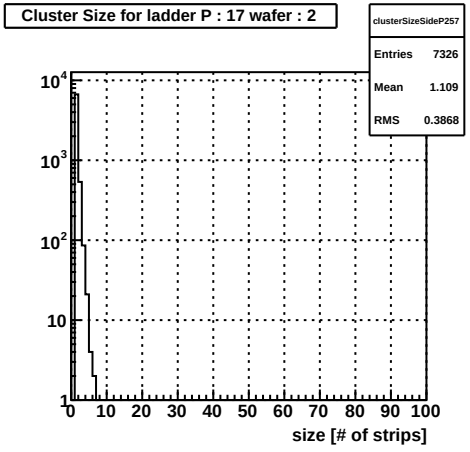

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1610
Mean 1.239
RMS 0.5466
size [# of strips]

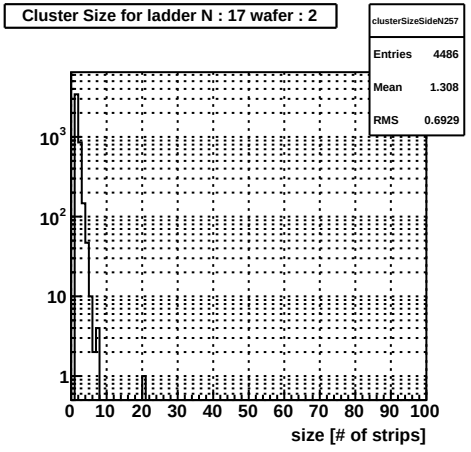

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2565
Mean 1.389
RMS 0.7002
size [# of strips]

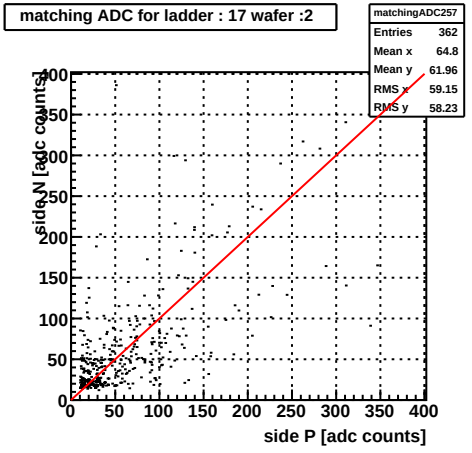

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 957
Mean x 81.56
Mean y 69.14
RMS x 59.1
RMS y 50.99
side N [adc counts]
side P [adc counts]

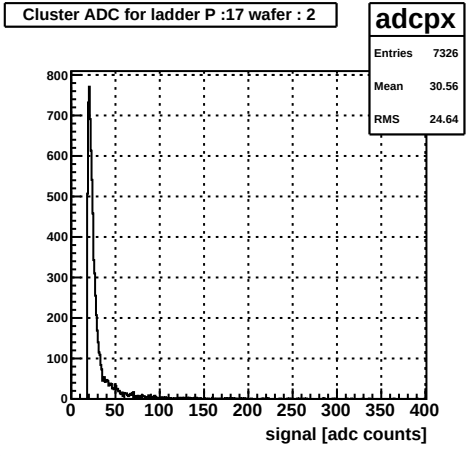

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1610
Mean 100.6
RMS 70.72
signal [adc counts]

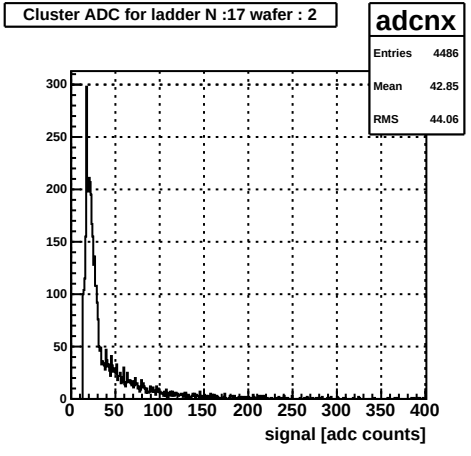

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2565
Mean 50.77
RMS 47.69
signal [adc counts]

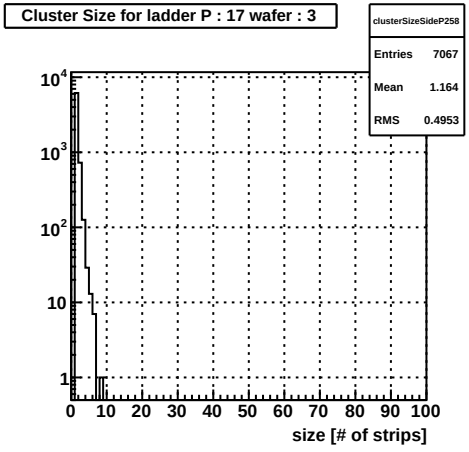

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7326
Mean 1.109
RMS 0.3868
size [# of strips]

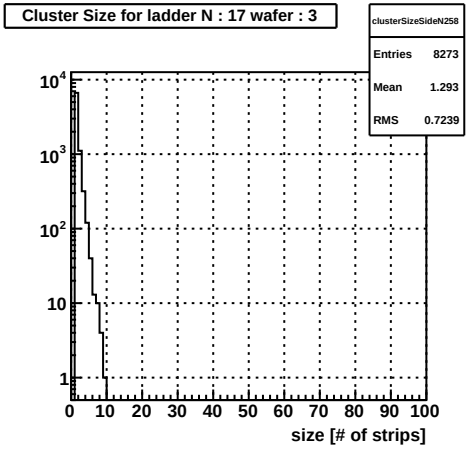

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4486
Mean 1.308
RMS 0.6929
size [# of strips]

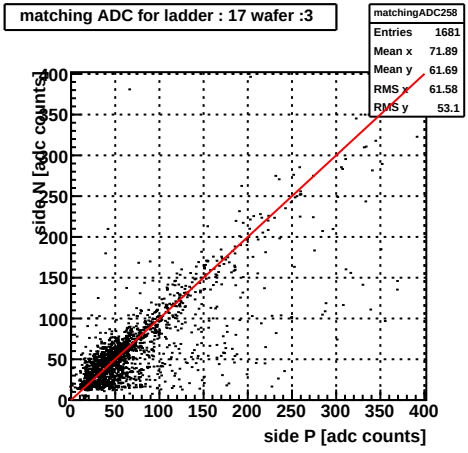

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 362
Mean x 64.8
Mean y 61.96
RMS x 59.15
RMS y 58.23
side N [adc counts]
side P [adc counts]

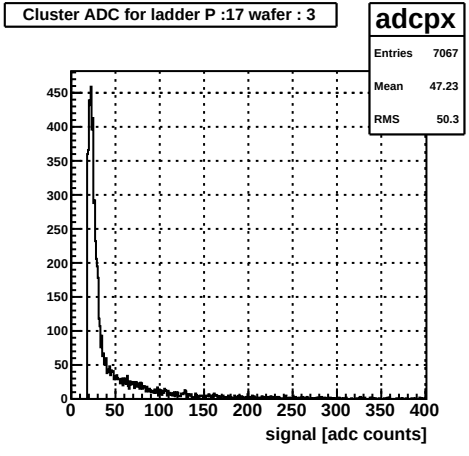

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7326
Mean 30.56
RMS 24.64
signal [adc counts]

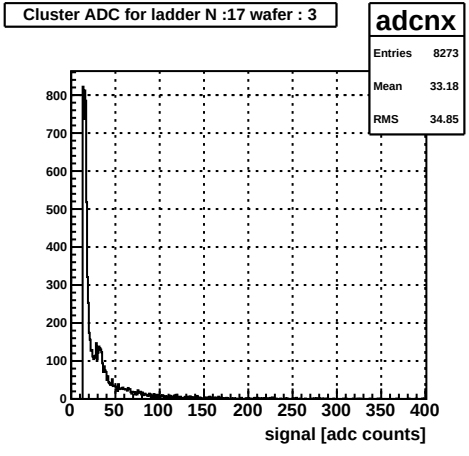

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4486
Mean 42.85
RMS 44.06
signal [adc counts]

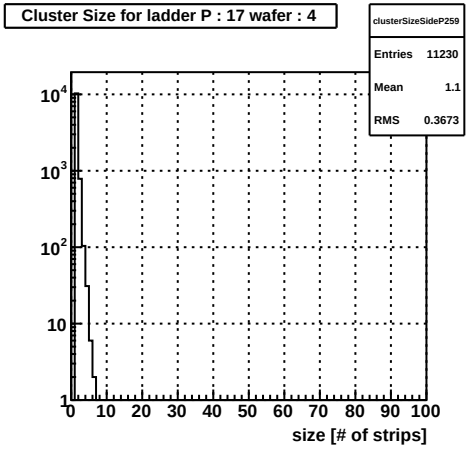

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7067
Mean 1.164
RMS 0.4953
size [# of strips]

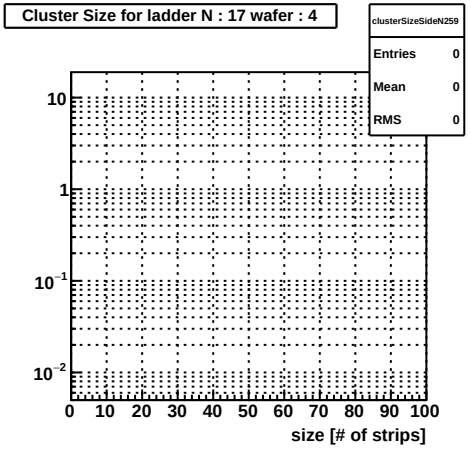

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8273
Mean 1.293
RMS 0.7239
size [# of strips]

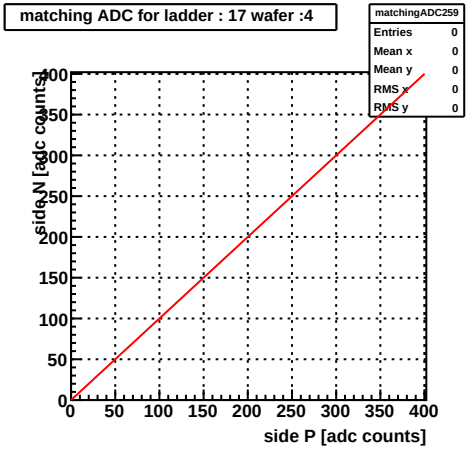

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1681
Mean x 71.89
Mean y 61.69
RMS x 61.58
RMS y 53.1
side N [adc counts]
side P [adc counts]

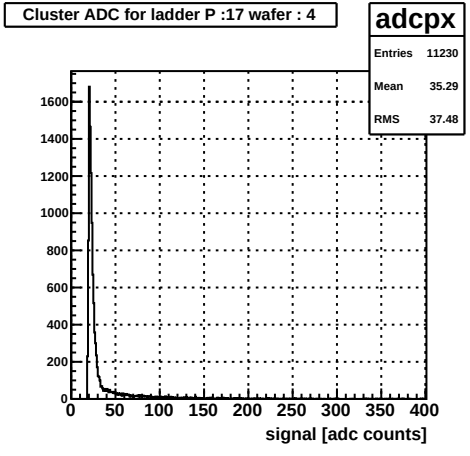

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7067
Mean 47.23
RMS 50.3
signal [adc counts]

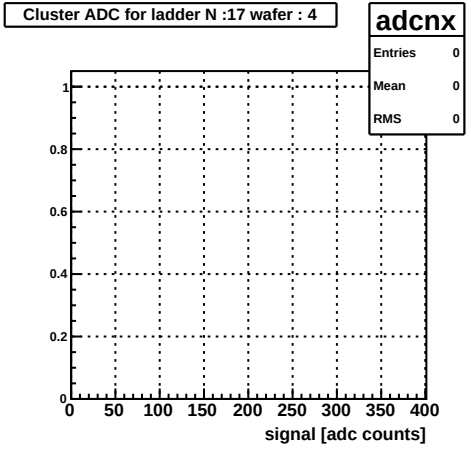

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8273
Mean 33.18
RMS 34.85
signal [adc counts]

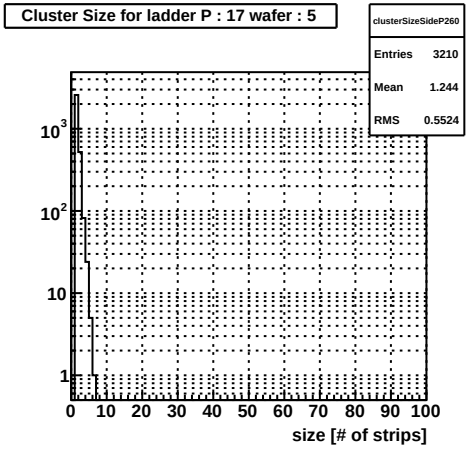

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11230
Mean 1.1
RMS 0.3673
size [# of strips]

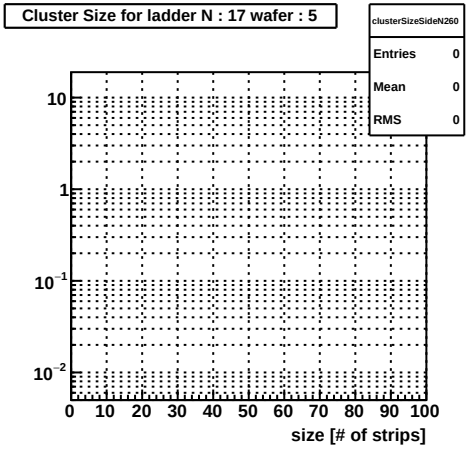

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

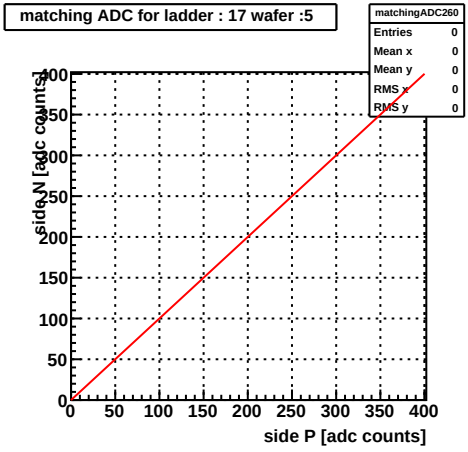

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

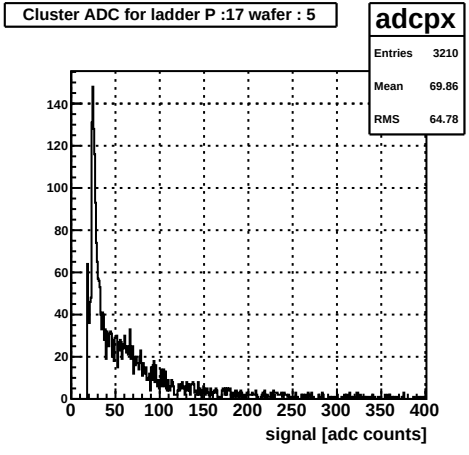

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11230
Mean 35.29
RMS 37.48
signal [adc counts]

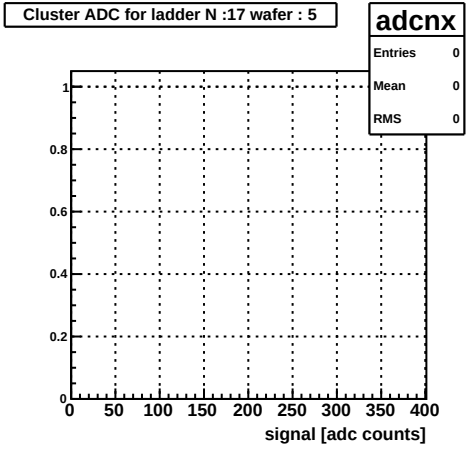

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

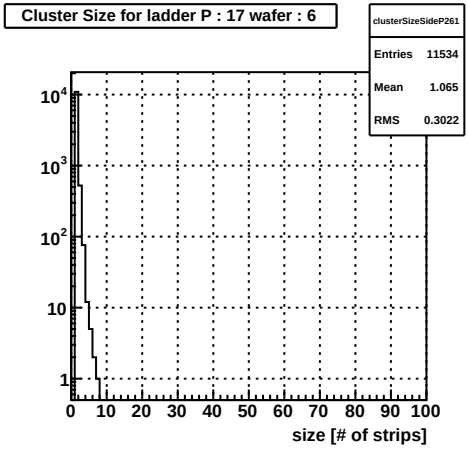

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3210
Mean 1.244
RMS 0.5524
size [# of strips]

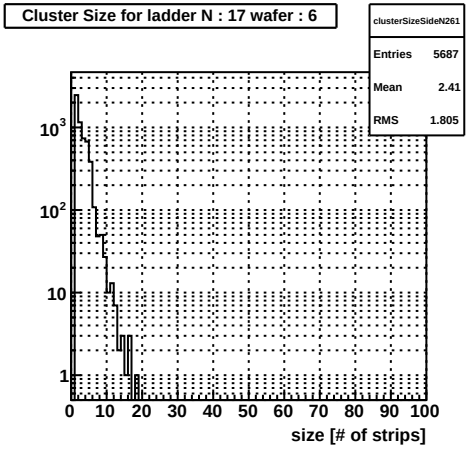

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

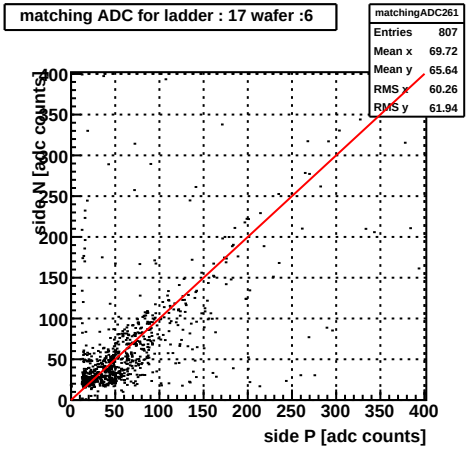

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

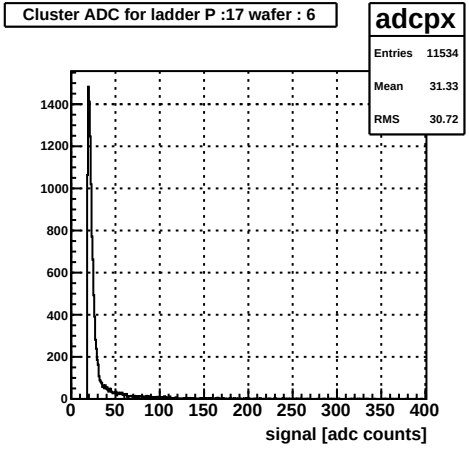

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3210
Mean 69.86
RMS 64.78
signal [adc counts]

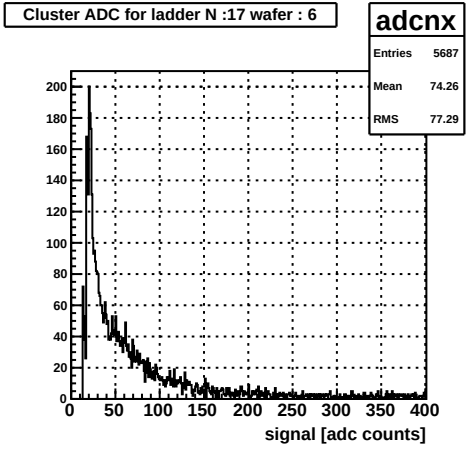

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

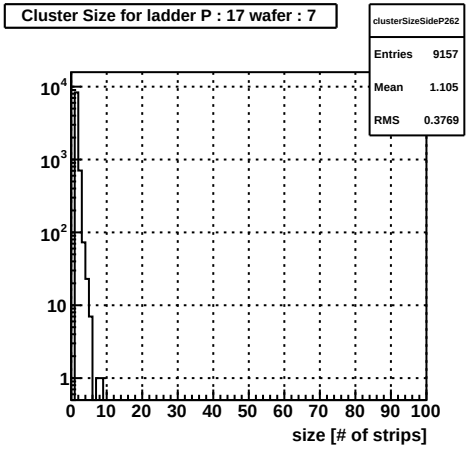

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 11534
Mean 1.065
RMS 0.3022
size [# of strips]

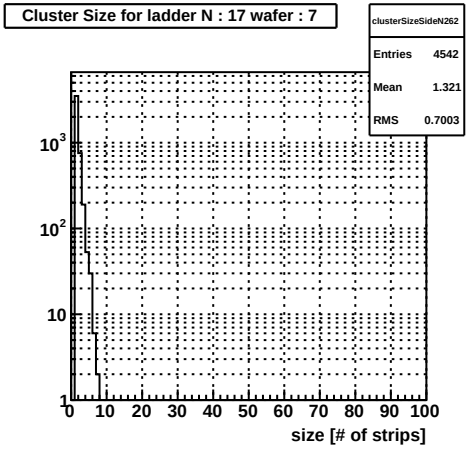

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5687
Mean 2.41
RMS 1.805
size [# of strips]

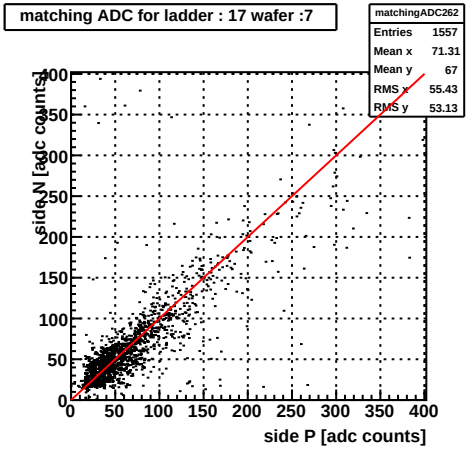

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 807
Mean x 69.72
Mean y 65.64
RMS x 60.26
RMS y 61.94
side N [adc counts]
side P [adc counts]

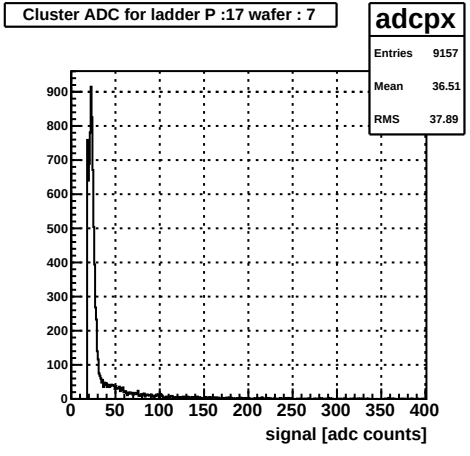

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 11534
Mean 31.33
RMS 30.72
signal [adc counts]

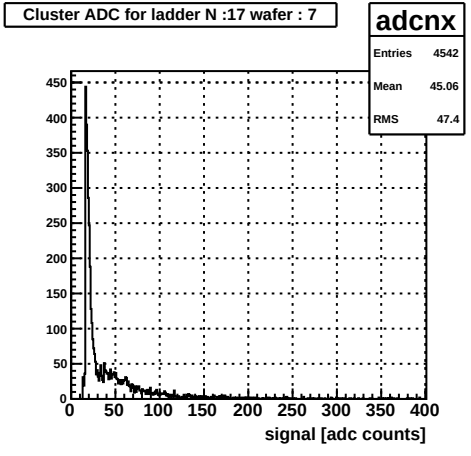

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5687
Mean 74.26
RMS 77.29
signal [adc counts]

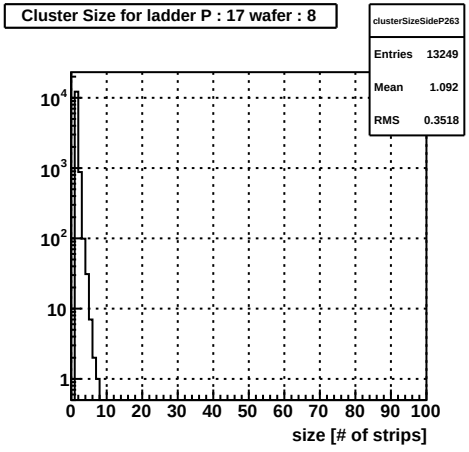

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 9157
Mean 1.105
RMS 0.3769
size [# of strips]

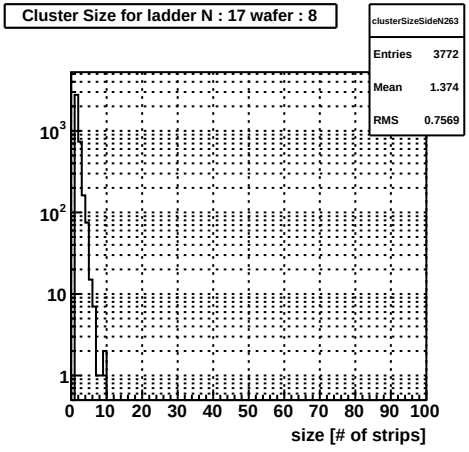

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4542
Mean 1.321
RMS 0.7003
size [# of strips]

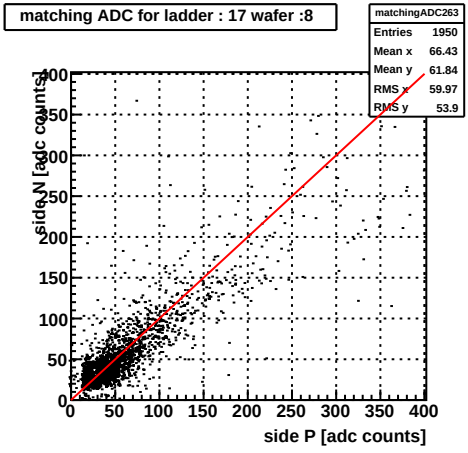

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1557
Mean x 71.31
Mean y 67
RMS x 55.43
RMS y 53.13
side N [adc counts]
side P [adc counts]

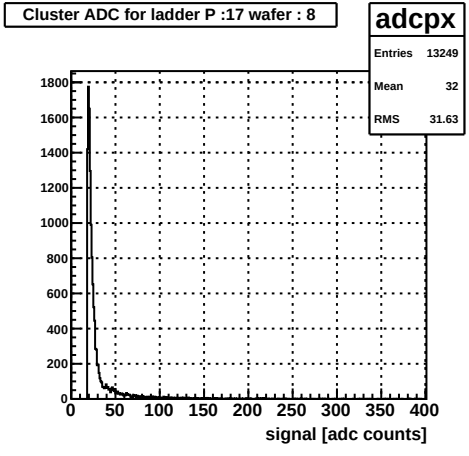

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 9157
Mean 36.51
RMS 37.89
signal [adc counts]

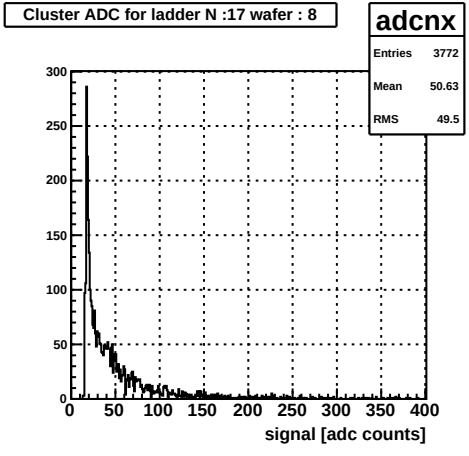

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4542
Mean 45.06
RMS 47.4
signal [adc counts]

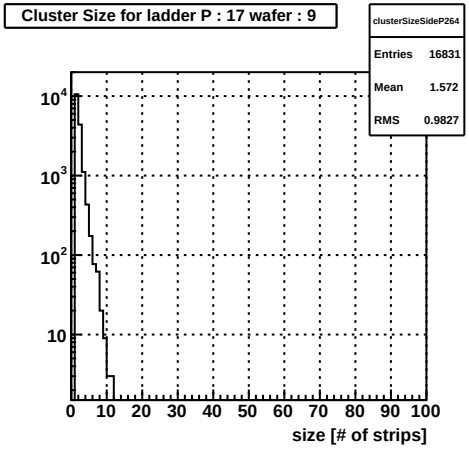

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13249
Mean 1.092
RMS 0.3518
size [# of strips]

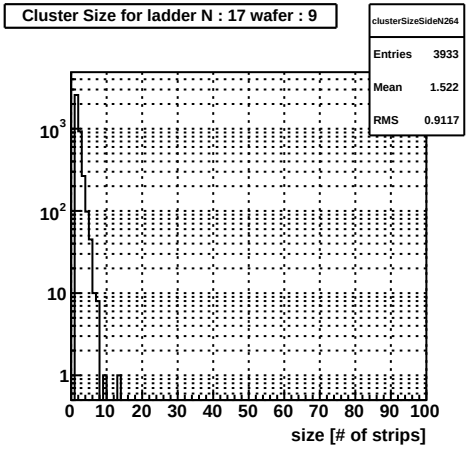

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3772
Mean 1.374
RMS 0.7569
size [# of strips]

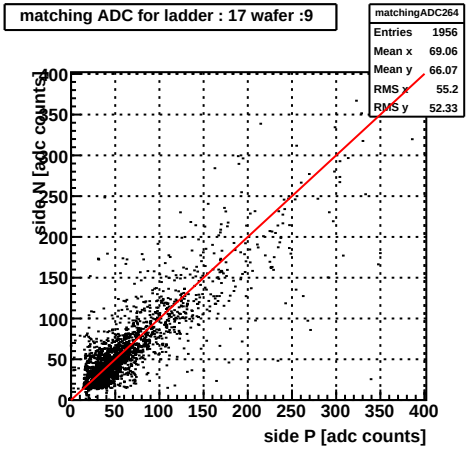

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1950
Mean x 66.43
Mean y 61.84
RMS x 59.97
RMS y 53.9
side N [adc counts]
side P [adc counts]

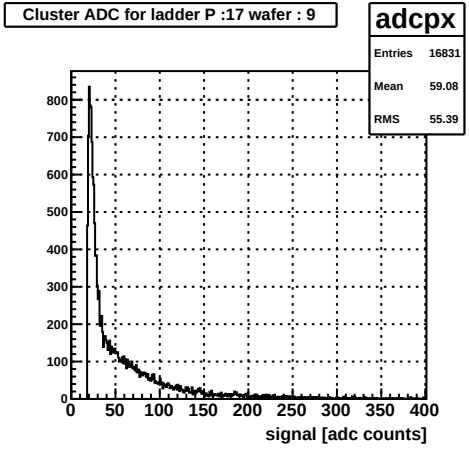

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13249
Mean 32
RMS 31.63
signal [adc counts]

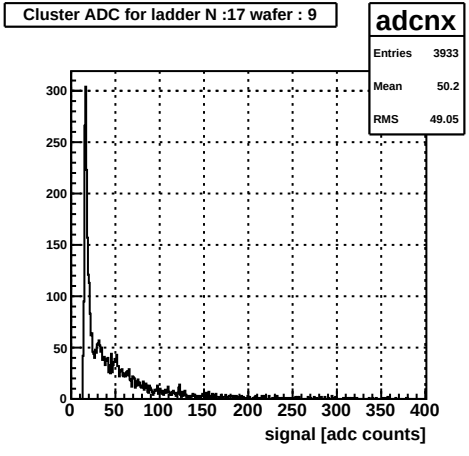

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3772
Mean 50.63
RMS 49.5
signal [adc counts]

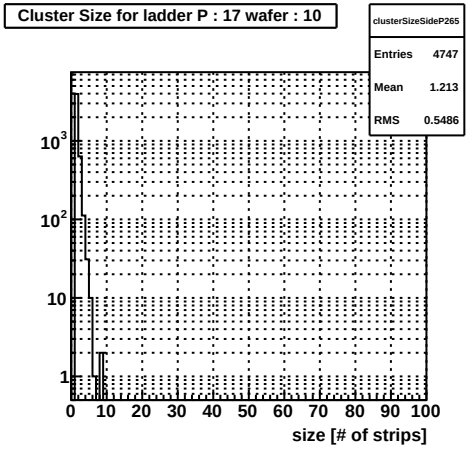

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 16831
Mean 1.572
RMS 0.9827
size [# of strips]

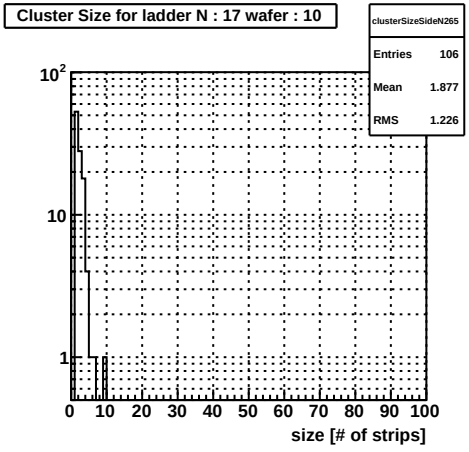

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3933
Mean 1.522
RMS 0.9117
size [# of strips]

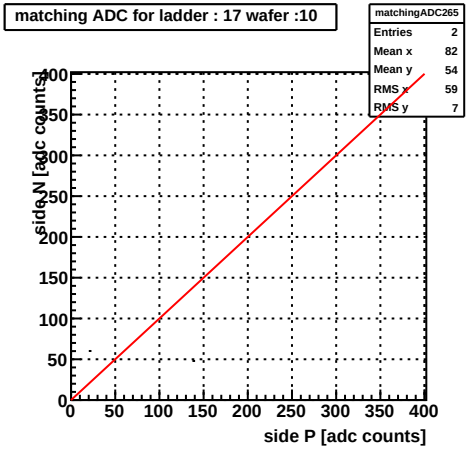

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1956
Mean x 69.06
Mean y 66.07
RMS x 55.2
RMS y 52.33
side N [adc counts]
side P [adc counts]

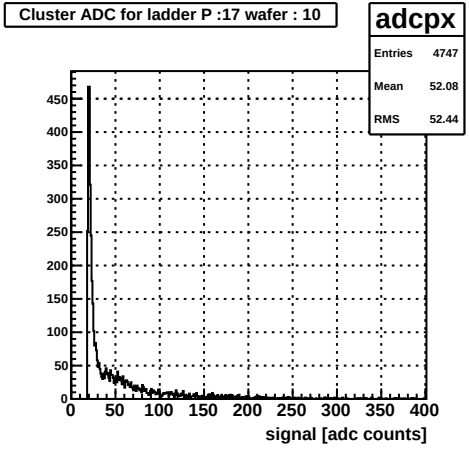

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 16831
Mean 59.08
RMS 55.39
signal [adc counts]

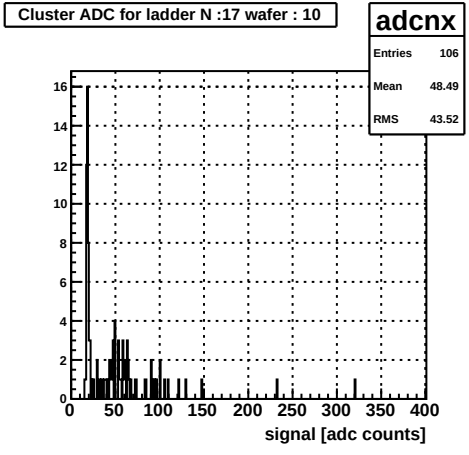

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3933
Mean 50.2
RMS 49.05
signal [adc counts]

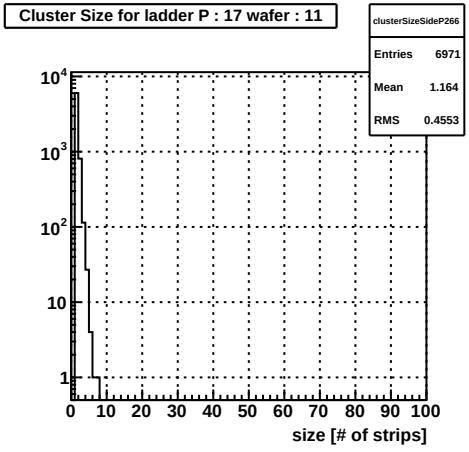

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4747
Mean 1.213
RMS 0.5486
size [# of strips]

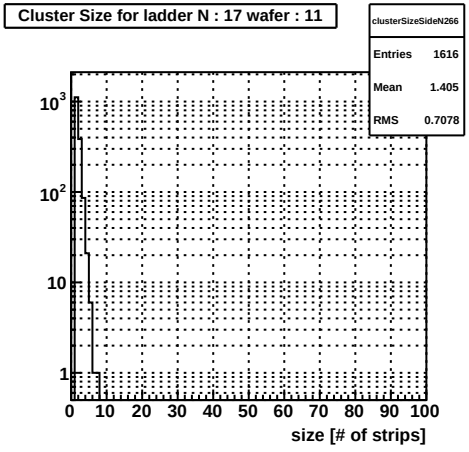

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 106
Mean 1.877
RMS 1.226
size [# of strips]

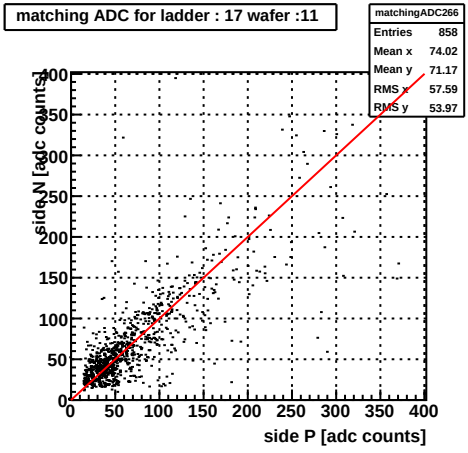

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 82
Mean y 54
RMS x 59
RMS y 7
side N [adc counts]
side P [adc counts]

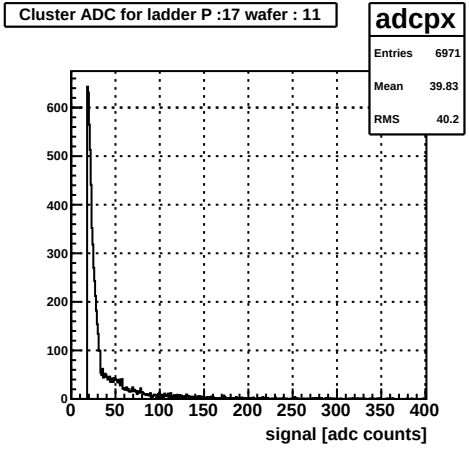

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4747
Mean 52.08
RMS 52.44
signal [adc counts]

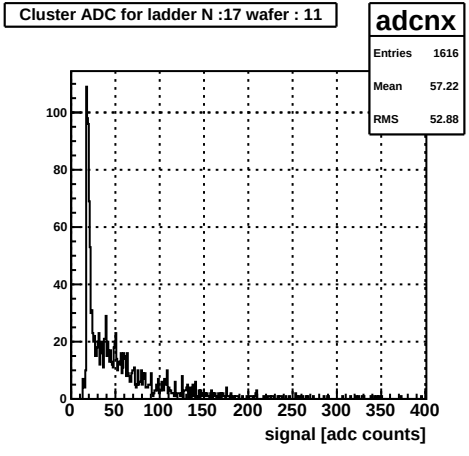

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 106
Mean 48.49
RMS 43.52
signal [adc counts]

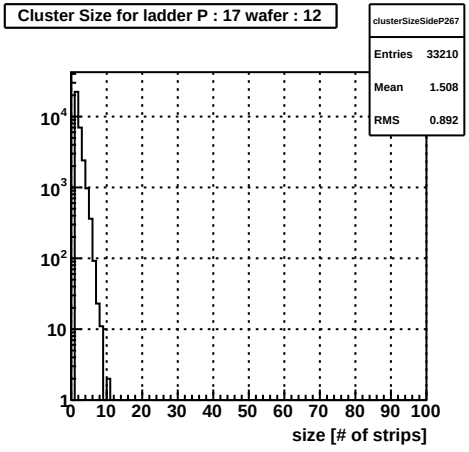

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 6971
Mean 1.164
RMS 0.4553
size [# of strips]

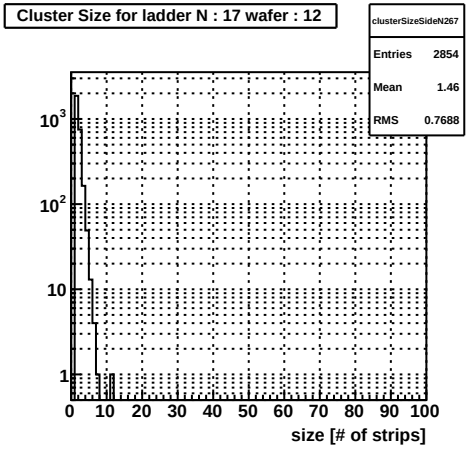

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1616
Mean 1.405
RMS 0.7078
size [# of strips]

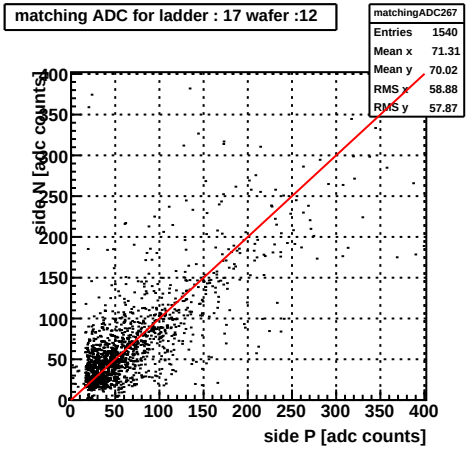

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 858
Mean x 74.02
Mean y 71.17
RMS x 57.59
RMS y 53.97
side N [adc counts]
side P [adc counts]

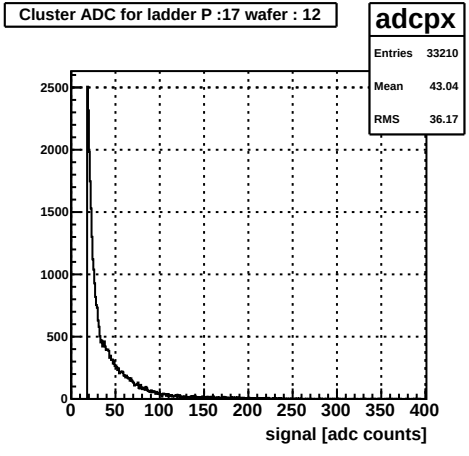

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 6971
Mean 39.83
RMS 40.2
signal [adc counts]

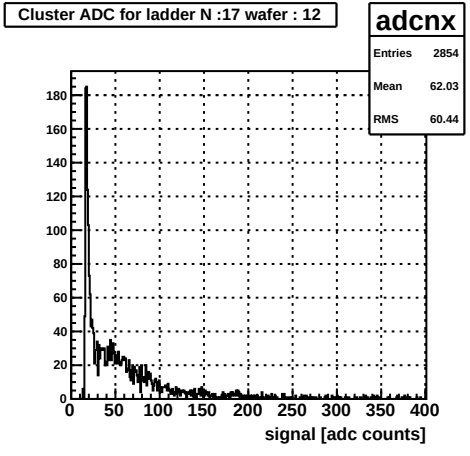

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1616
Mean 57.22
RMS 52.88
signal [adc counts]

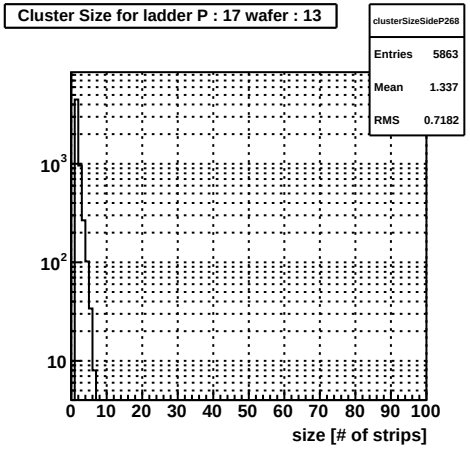

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 33210
Mean 1.508
RMS 0.892
size [# of strips]

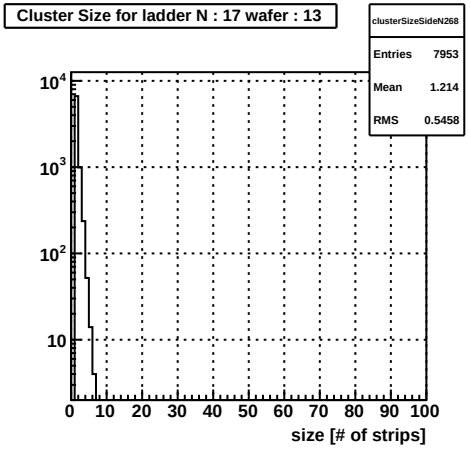

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2854
Mean 1.46
RMS 0.7688
size [# of strips]

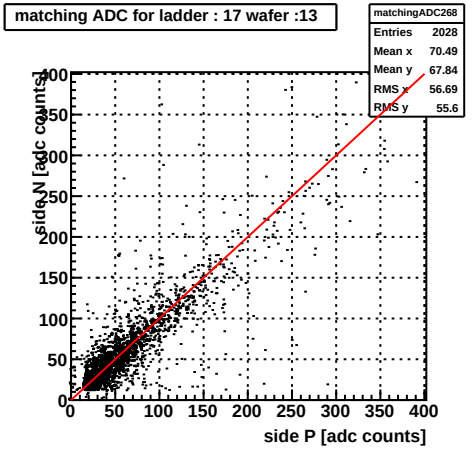

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1540
Mean x 71.31
Mean y 70.02
RMS x 58.88
RMS y 57.87
side N [adc counts]
side P [adc counts]

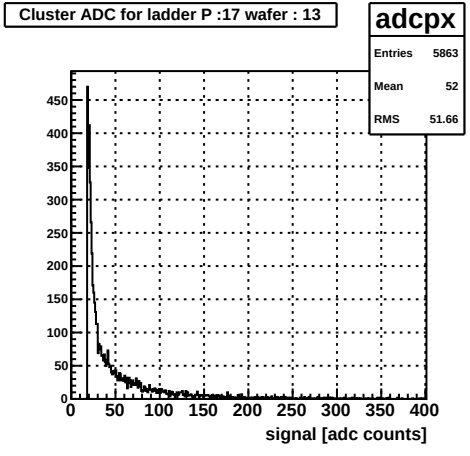

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 33210
Mean 43.04
RMS 36.17
signal [adc counts]

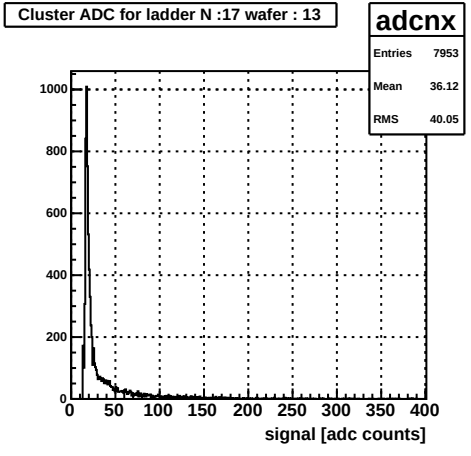

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2854
Mean 62.03
RMS 60.44
signal [adc counts]

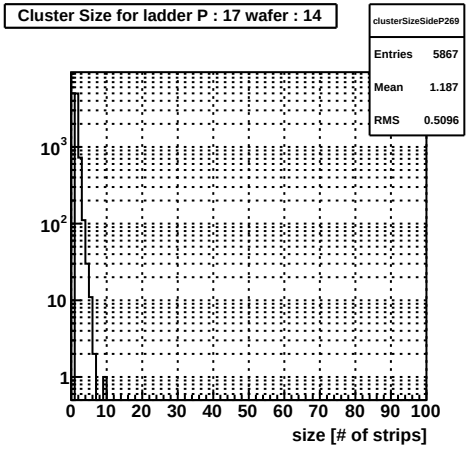

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5863
Mean 1.337
RMS 0.7182
size [# of strips]

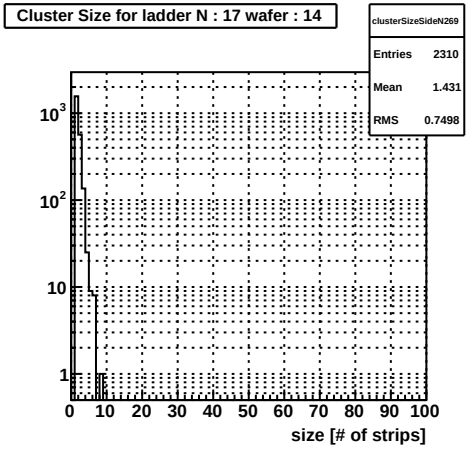

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7953
Mean 1.214
RMS 0.5458
size [# of strips]

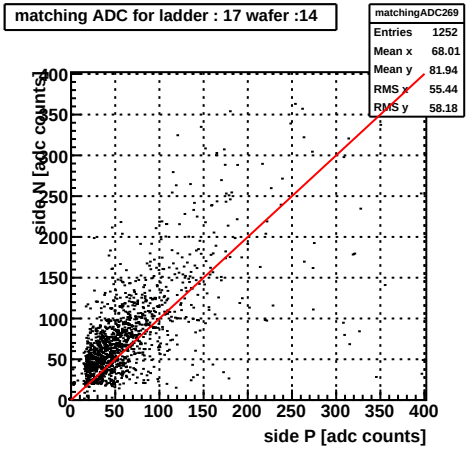

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2028
Mean x 70.49
Mean y 67.84
RMS x 56.69
RMS y 55.6
side N [adc counts]
side P [adc counts]

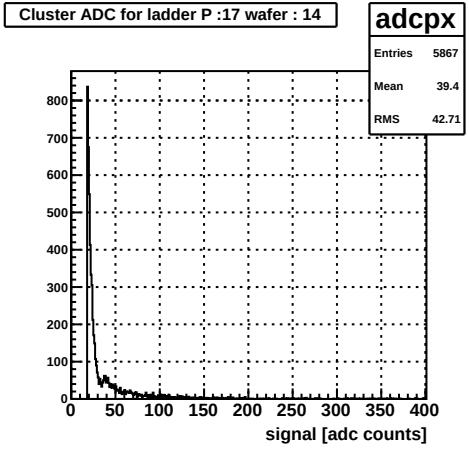

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5863
Mean 52
RMS 51.66
signal [adc counts]

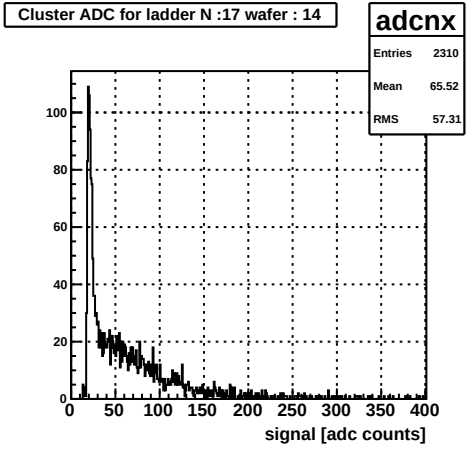

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7953
Mean 36.12
RMS 40.05
signal [adc counts]

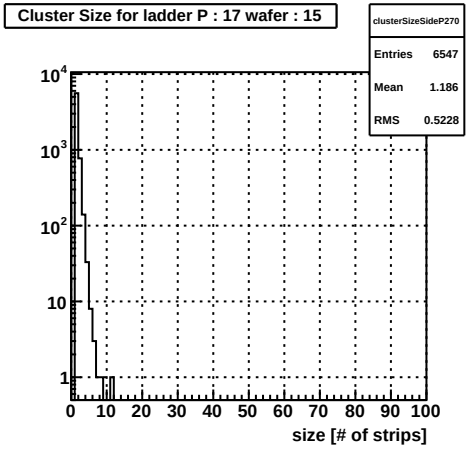

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5867
Mean 1.187
RMS 0.5096
size [# of strips]

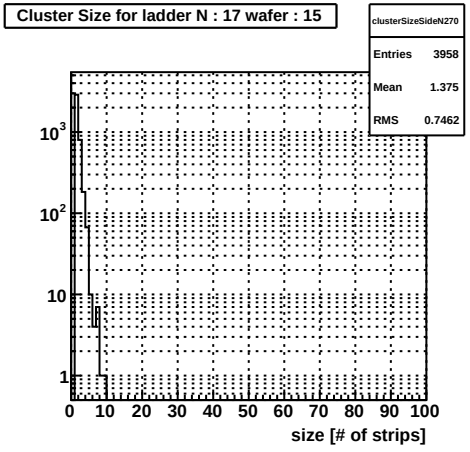

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2310
Mean 1.431
RMS 0.7498
size [# of strips]

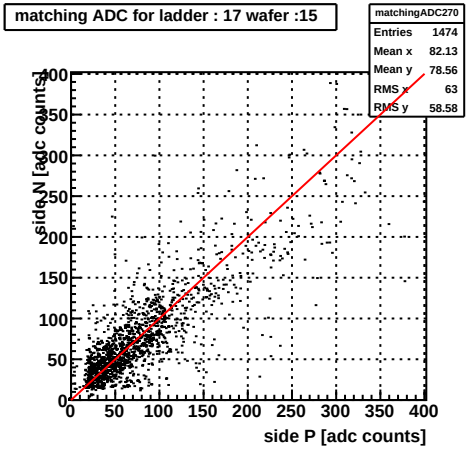

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1252
Mean x 68.01
Mean y 81.94
RMS x 55.44
RMS y 58.18
side N [adc counts]
side P [adc counts]

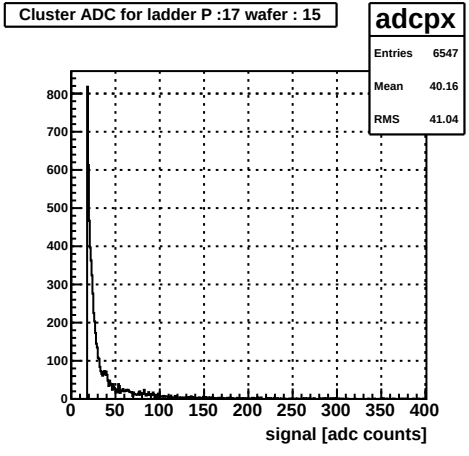

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5867
Mean 39.4
RMS 42.71
signal [adc counts]

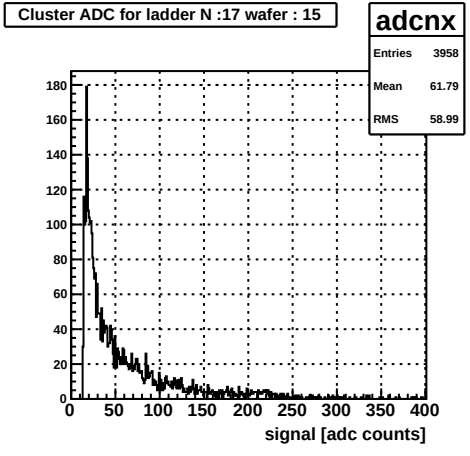

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2310
Mean 65.52
RMS 57.31
signal [adc counts]

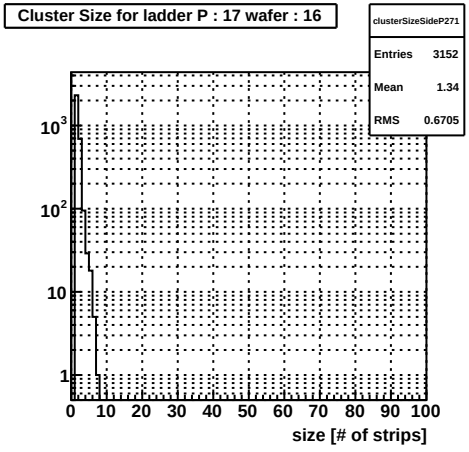

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6547
Mean 1.186
RMS 0.5228
size [# of strips]

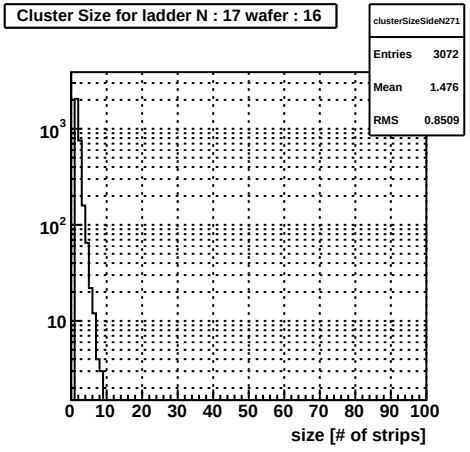

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3958
Mean 1.375
RMS 0.7462
size [# of strips]

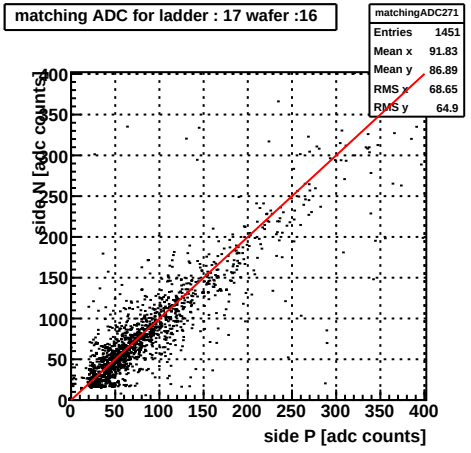

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1474
Mean x 82.13
Mean y 78.56
RMS x 63
RMS y 58.58
side N [adc counts]
side P [adc counts]

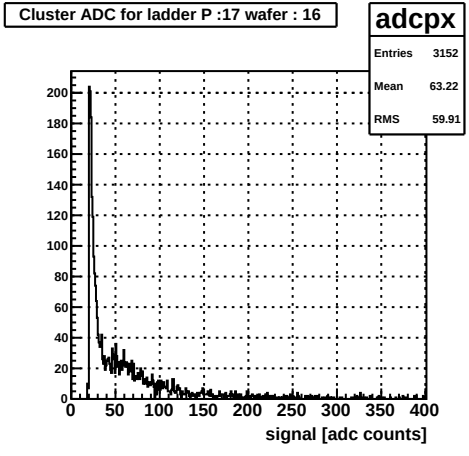

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6547
Mean 40.16
RMS 41.04
signal [adc counts]

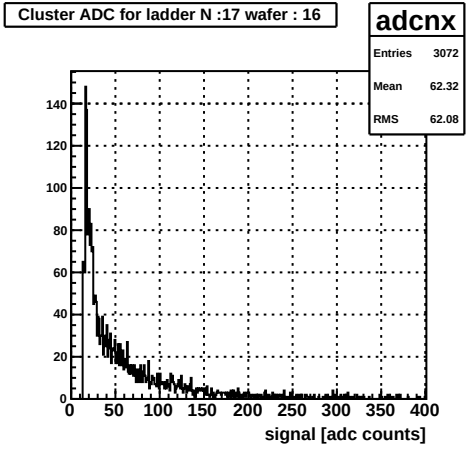

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3958
Mean 61.79
RMS 58.99
signal [adc counts]

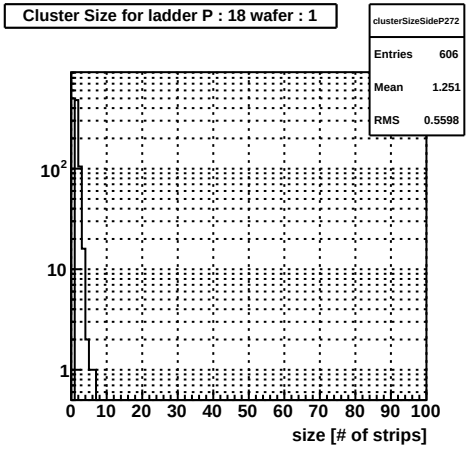

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3152
Mean 1.34
RMS 0.6705
size [# of strips]

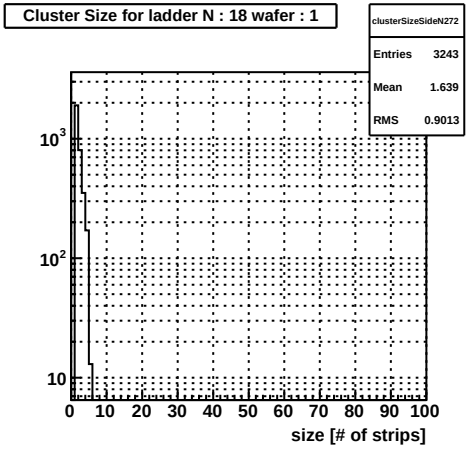

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 3072
Mean 1.476
RMS 0.8509
size [# of strips]

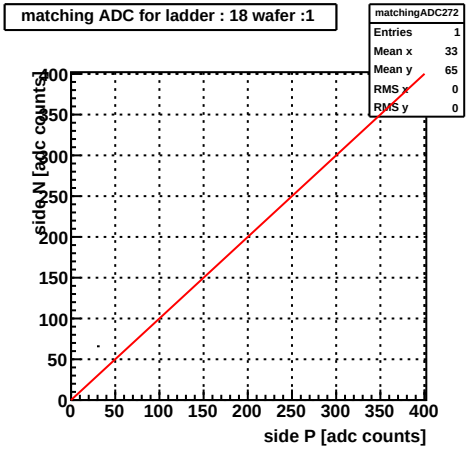

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1451
Mean x 91.83
Mean y 86.89
RMS x 68.65
RMS y 64.9
side N [adc counts]
side P [adc counts]

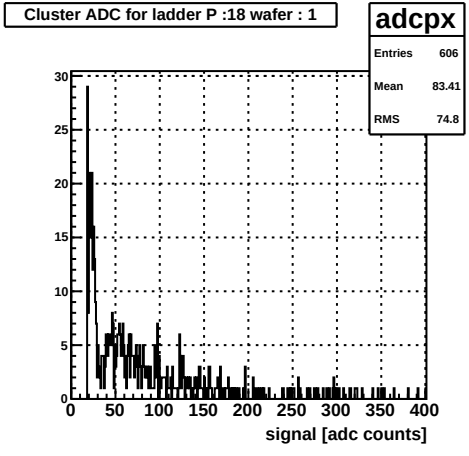

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3152
Mean 63.22
RMS 59.91
signal [adc counts]

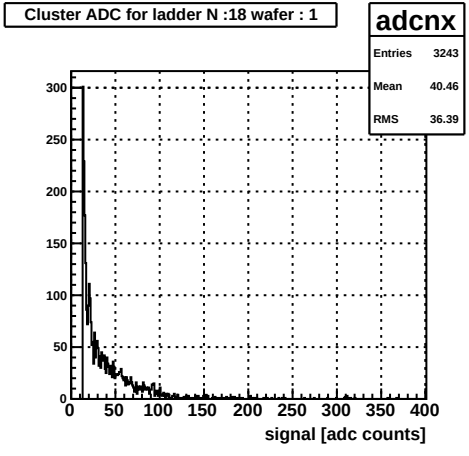

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 3072
Mean 62.32
RMS 62.08
signal [adc counts]

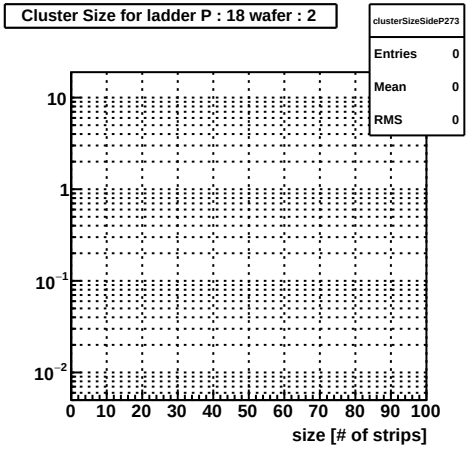

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 606
Mean 1.251
RMS 0.5598
size [# of strips]

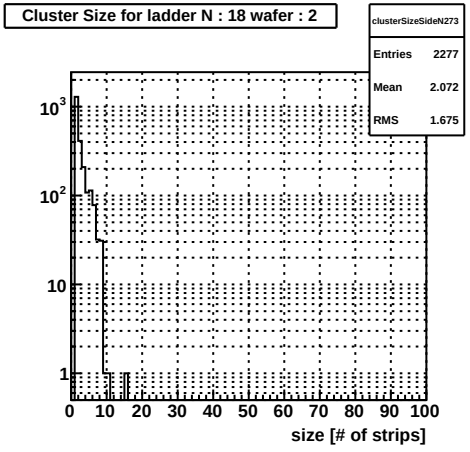

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3243
Mean 1.639
RMS 0.9013
size [# of strips]

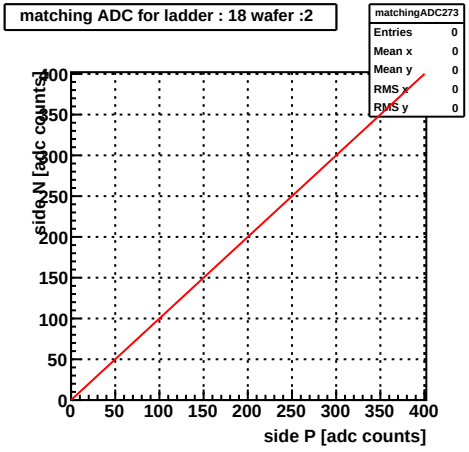

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 33
Mean y 65
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

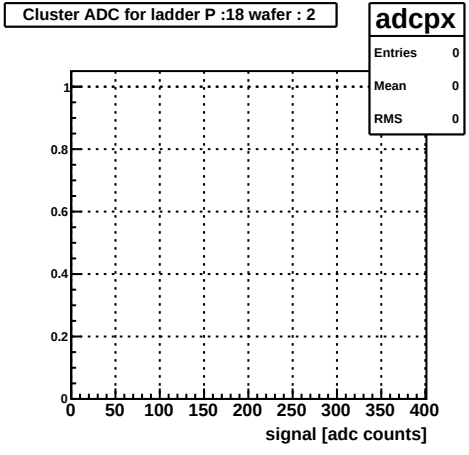

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 606
Mean 83.41
RMS 74.8
signal [adc counts]

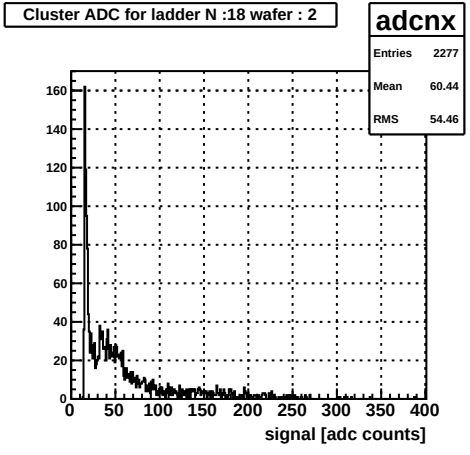

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3243
Mean 40.46
RMS 36.39
signal [adc counts]

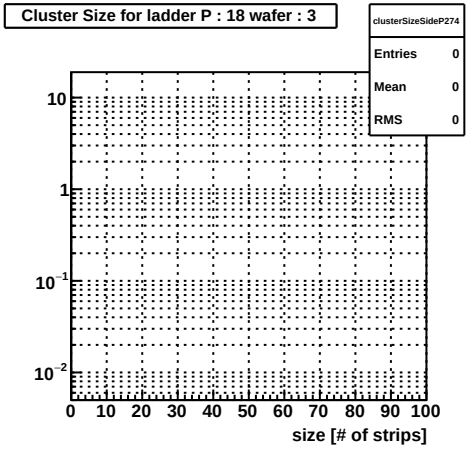

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

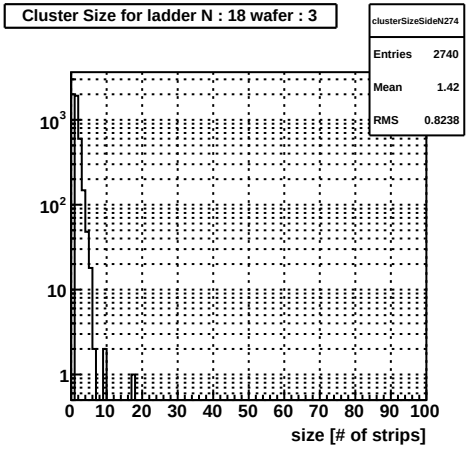

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2277
Mean 2.072
RMS 1.675
size [# of strips]

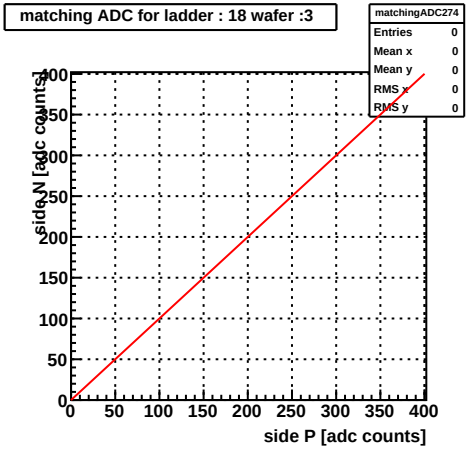

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

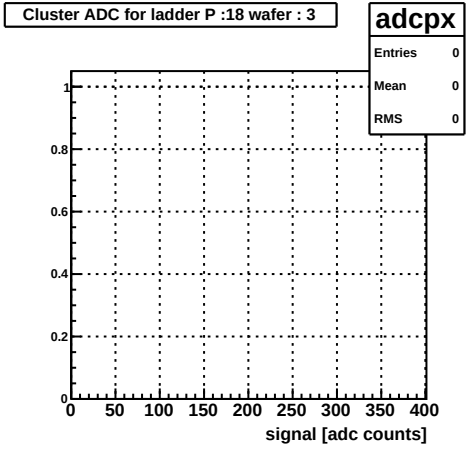

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

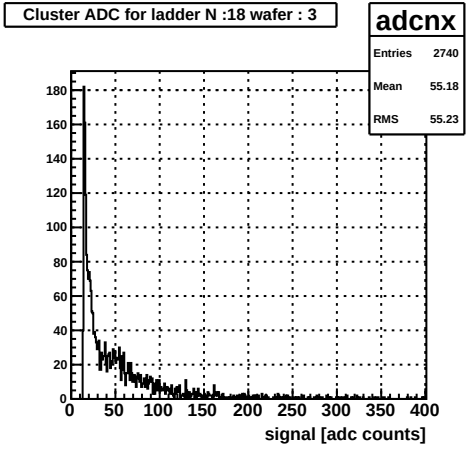

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2277
Mean 60.44
RMS 54.46
signal [adc counts]

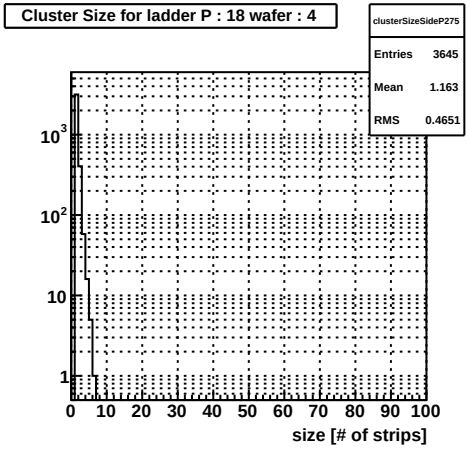

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

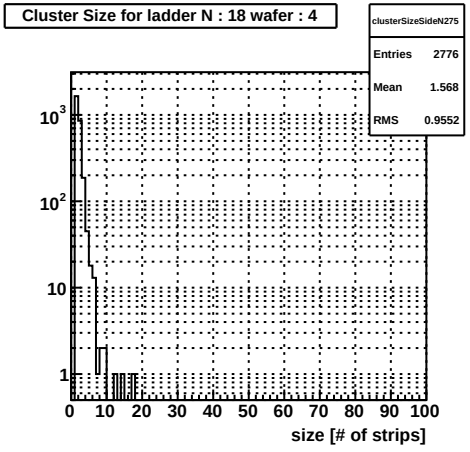

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2740
Mean 1.42
RMS 0.8238
size [# of strips]

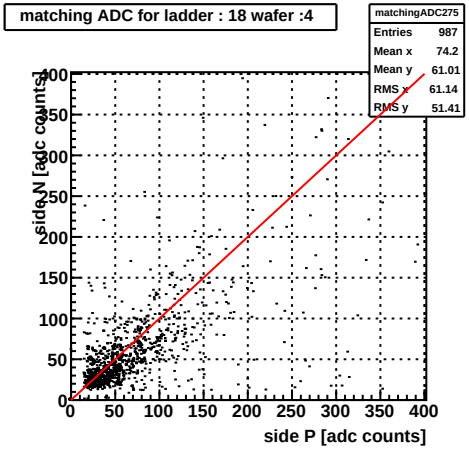

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

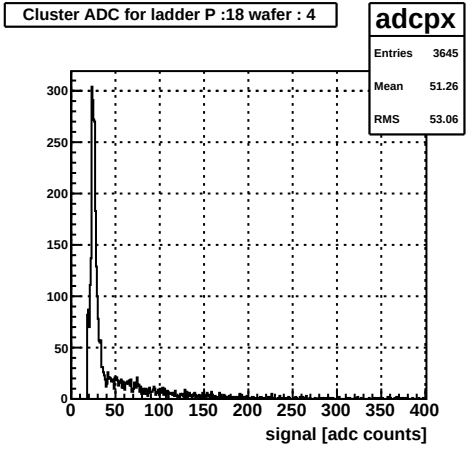

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

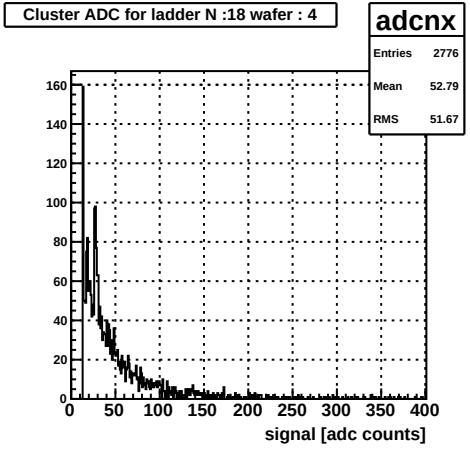

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2740
Mean 55.18
RMS 55.23
signal [adc counts]

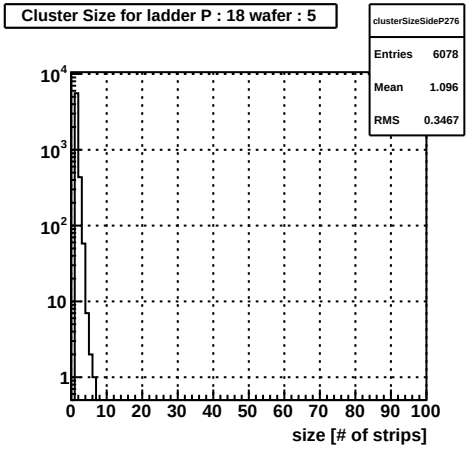

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3645
Mean 1.163
RMS 0.4651
size [# of strips]

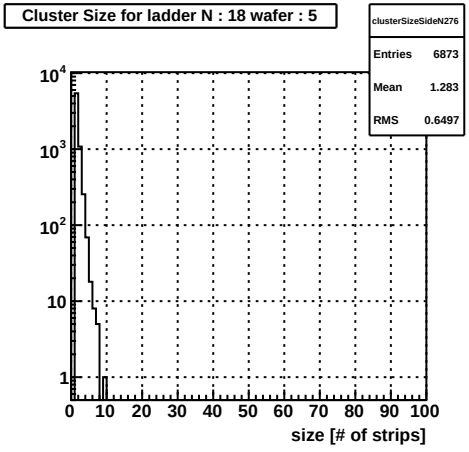

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2776
Mean 1.568
RMS 0.9552
size [# of strips]

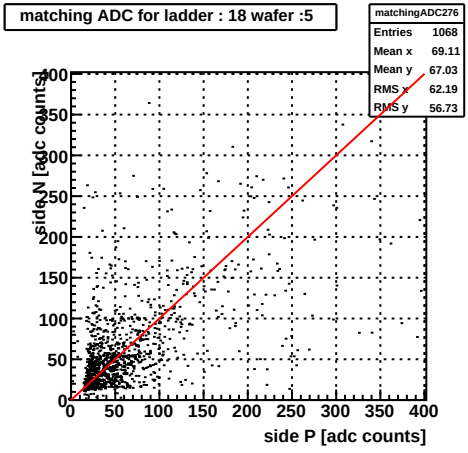

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 987
Mean x 74.2
Mean y 61.01
RMS x 61.14
RMS y 51.41
side N [adc counts]
side P [adc counts]

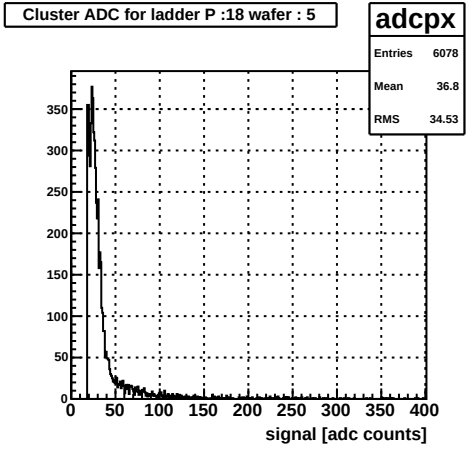

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3645
Mean 51.26
RMS 53.06
signal [adc counts]

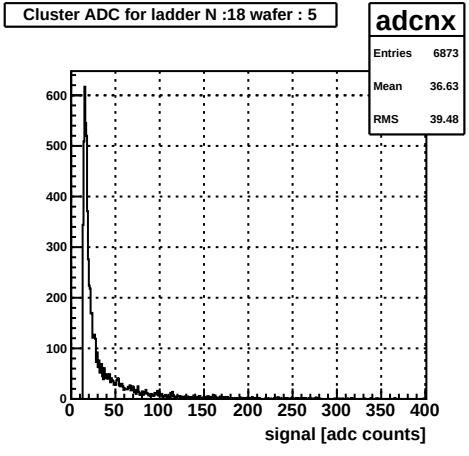

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2776
Mean 52.79
RMS 51.67
signal [adc counts]

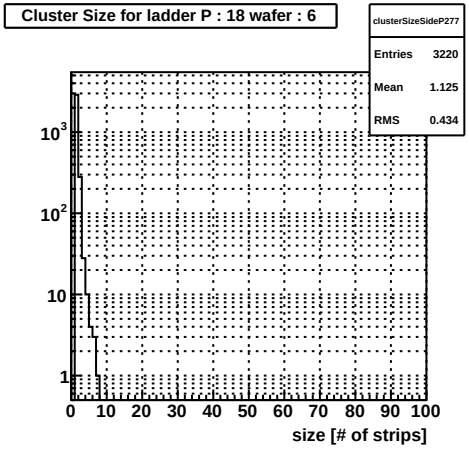

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6078
Mean 1.096
RMS 0.3467
size [# of strips]

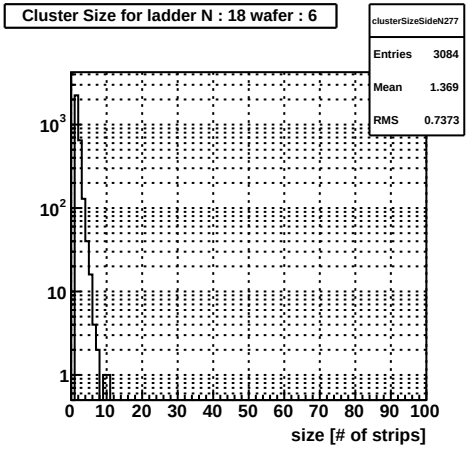

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6873
Mean 1.283
RMS 0.6497
size [# of strips]

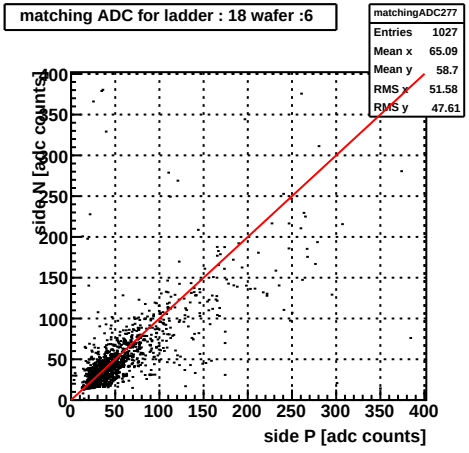

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1068
Mean x 69.11
Mean y 67.03
RMS x 62.19
RMS y 56.73
side N [adc counts]
side P [adc counts]

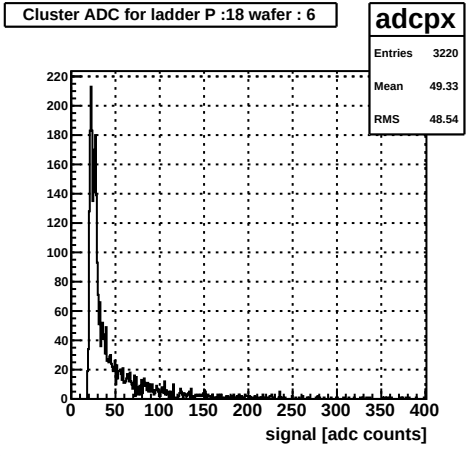

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6078
Mean 36.8
RMS 34.53
signal [adc counts]

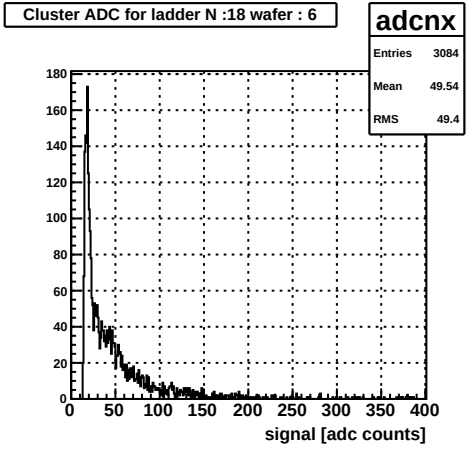

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6873
Mean 36.63
RMS 39.48
signal [adc counts]

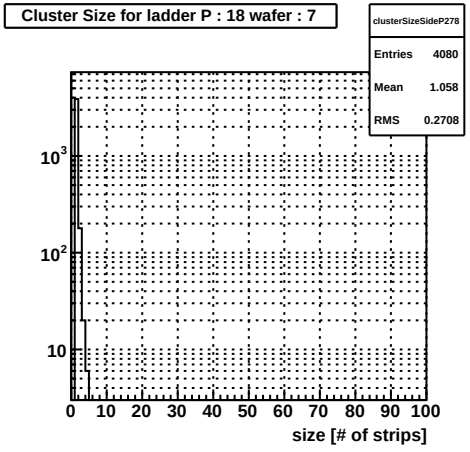

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3220
Mean 1.125
RMS 0.434
size [# of strips]

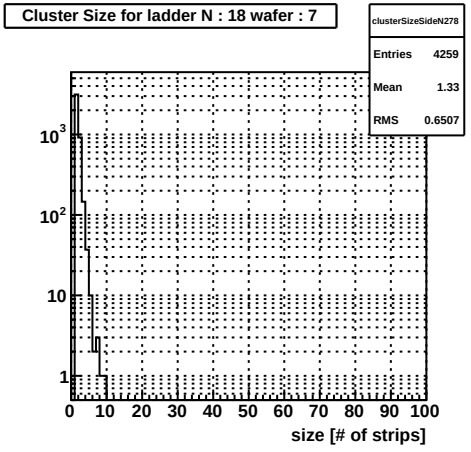

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3084
Mean 1.369
RMS 0.7373
size [# of strips]

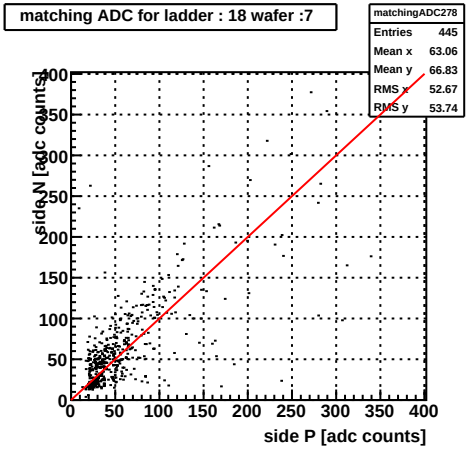

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1027
Mean x 65.09
Mean y 58.7
RMS x 51.58
RMS y 47.61
side N [adc counts]
side P [adc counts]

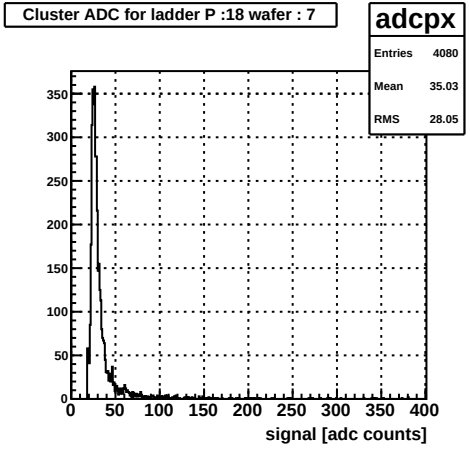

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3220
Mean 49.33
RMS 48.54
signal [adc counts]

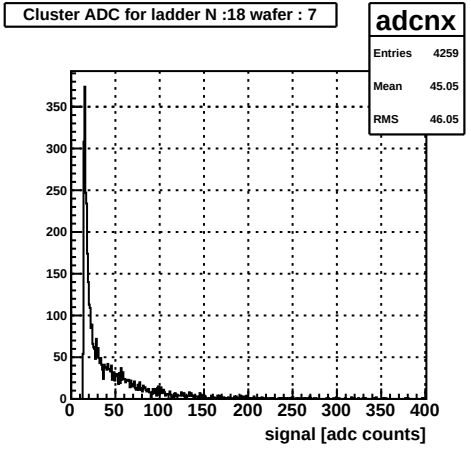

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3084
Mean 49.54
RMS 49.4
signal [adc counts]

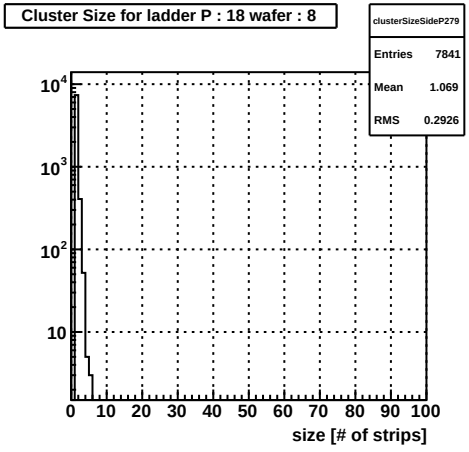

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4080
Mean 1.058
RMS 0.2708
size [# of strips]

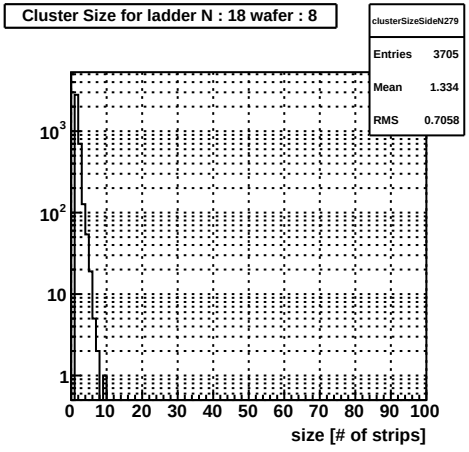

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 4259
Mean 1.33
RMS 0.6507
size [# of strips]

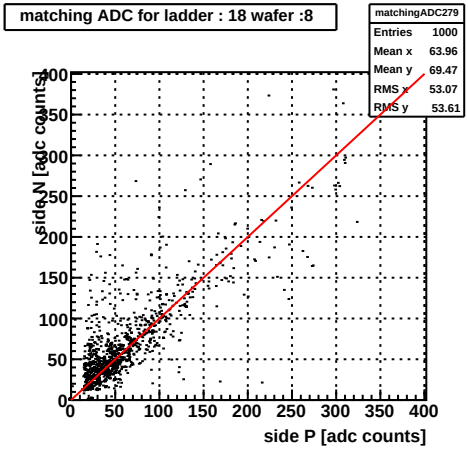

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 445
Mean x 63.06
Mean y 66.83
RMS x 52.67
RMS y 53.74
side N [adc counts]
side P [adc counts]

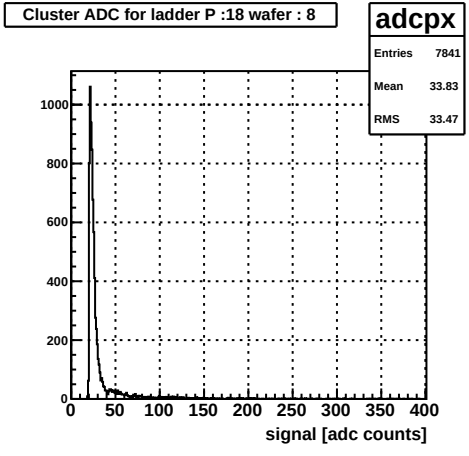

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4080
Mean 35.03
RMS 28.05
signal [adc counts]

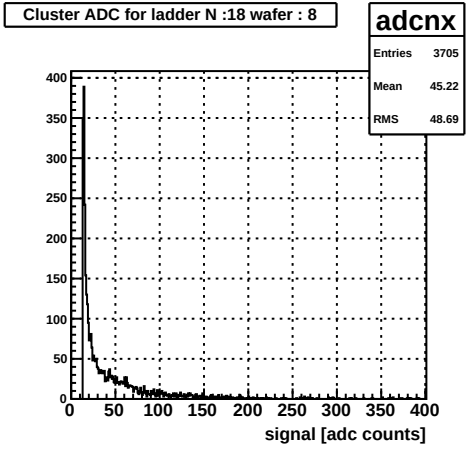

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 4259
Mean 45.05
RMS 46.05
signal [adc counts]

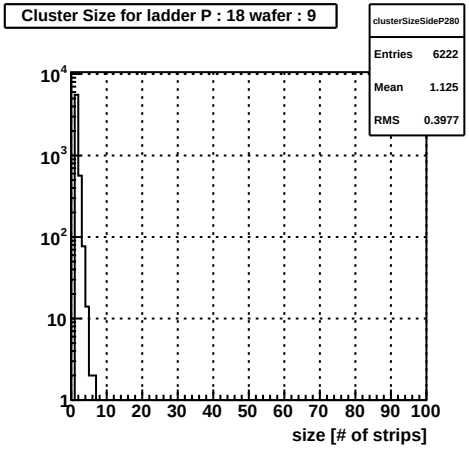

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7841
Mean 1.069
RMS 0.2926
size [# of strips]

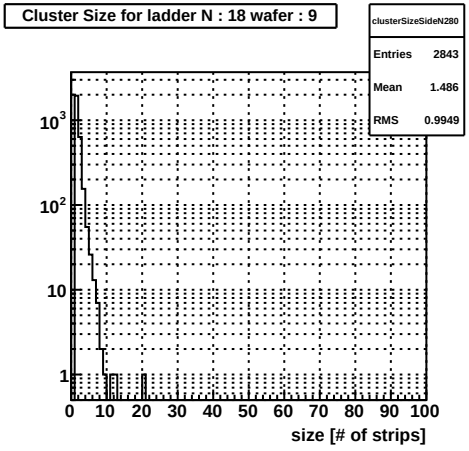

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3705
Mean 1.334
RMS 0.7058
size [# of strips]

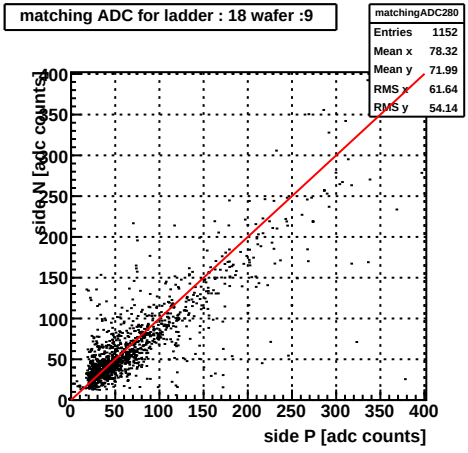

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 1000
Mean x 63.96
Mean y 69.47
RMS x 53.07
RMS y 53.61
side N [adc counts]
side P [adc counts]

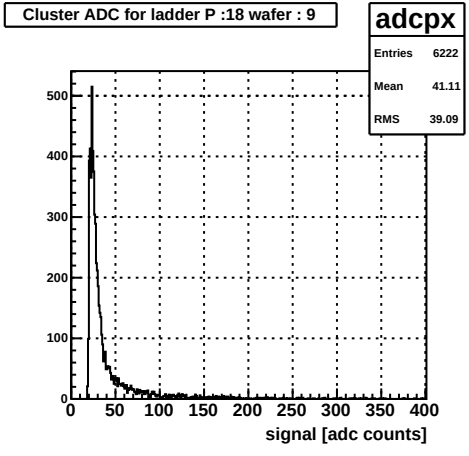

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7841
Mean 33.83
RMS 33.47
signal [adc counts]

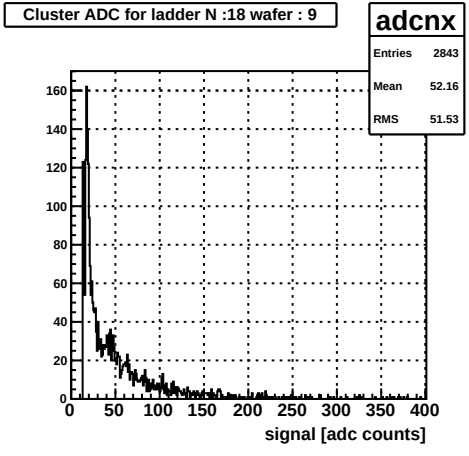

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3705
Mean 45.22
RMS 48.69
signal [adc counts]

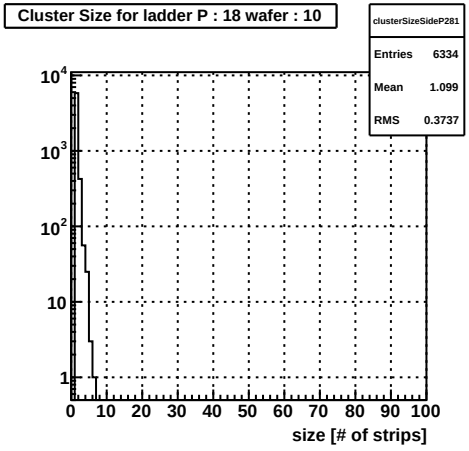

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6222
Mean 1.125
RMS 0.3977
size [# of strips]

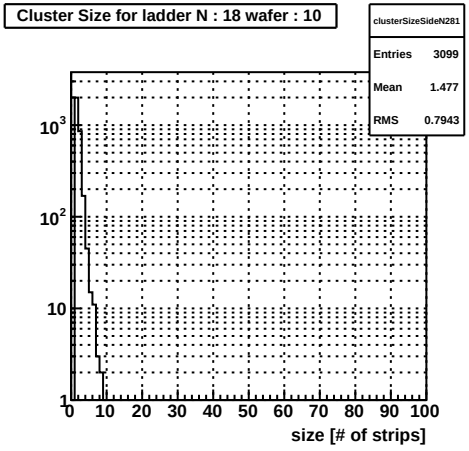

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2843
Mean 1.486
RMS 0.9949
size [# of strips]

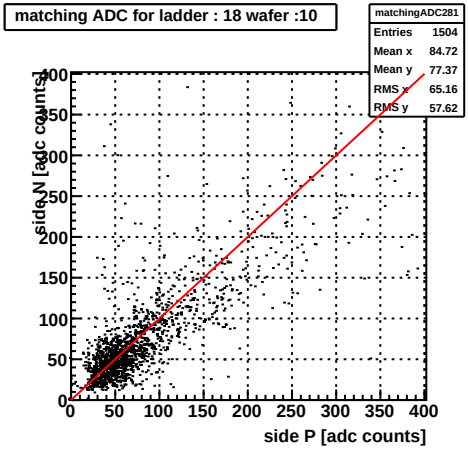

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1152
Mean x 78.32
Mean y 71.99
RMS x 61.64
RMS y 54.14
side N [adc counts]
side P [adc counts]

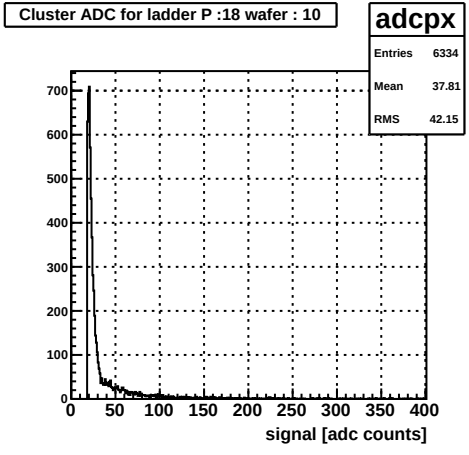

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6222
Mean 41.11
RMS 39.09
signal [adc counts]

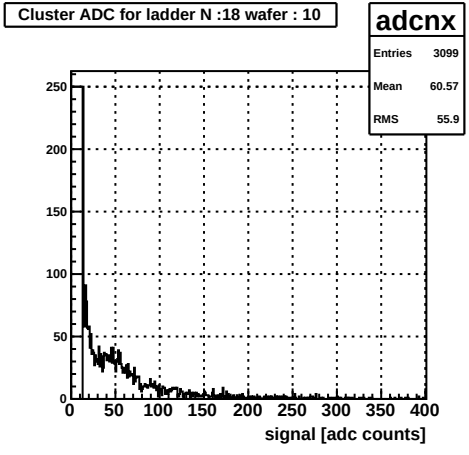

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2843
Mean 52.16
RMS 51.53
signal [adc counts]

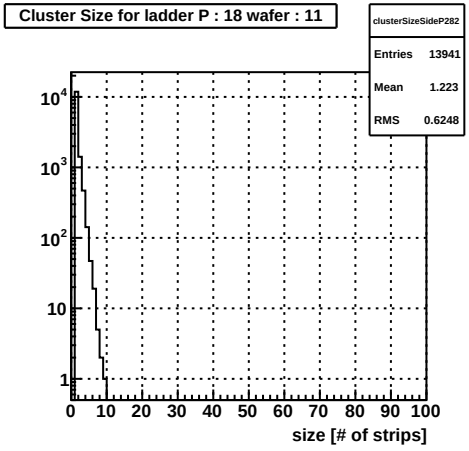

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6334
Mean 1.099
RMS 0.3737
size [# of strips]

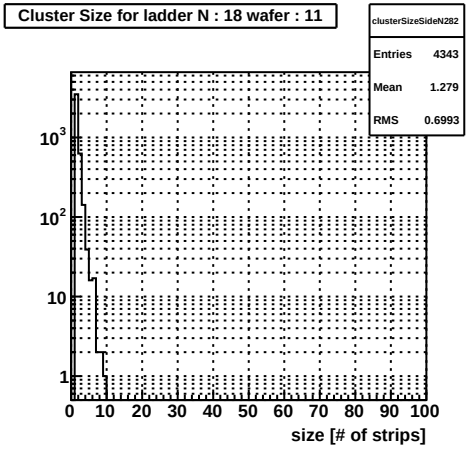

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3099
Mean 1.477
RMS 0.7943
size [# of strips]

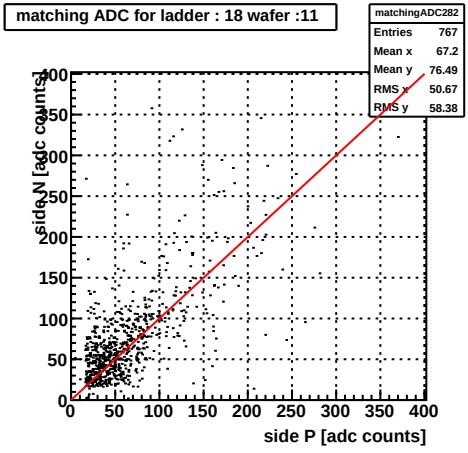

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1504
Mean x 84.72
Mean y 77.37
RMS x 65.16
RMS y 57.62
side N [adc counts]
side P [adc counts]

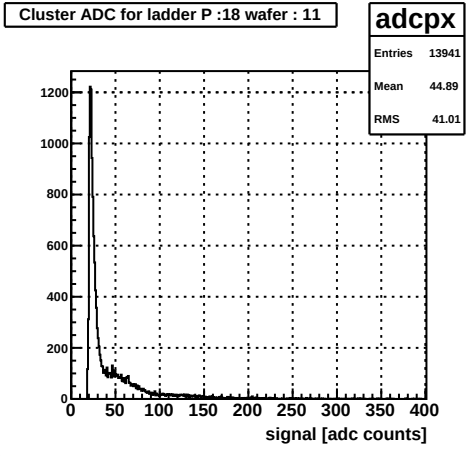

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6334
Mean 37.81
RMS 42.15
signal [adc counts]

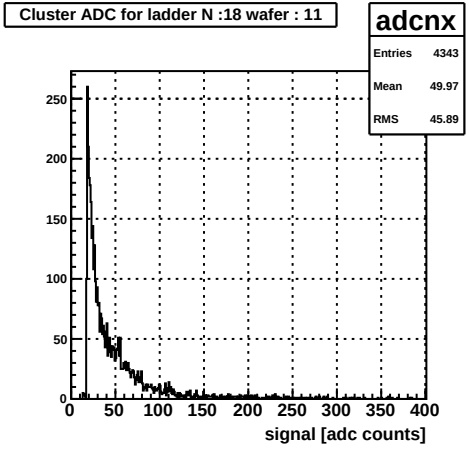

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3099
Mean 60.57
RMS 55.9
signal [adc counts]

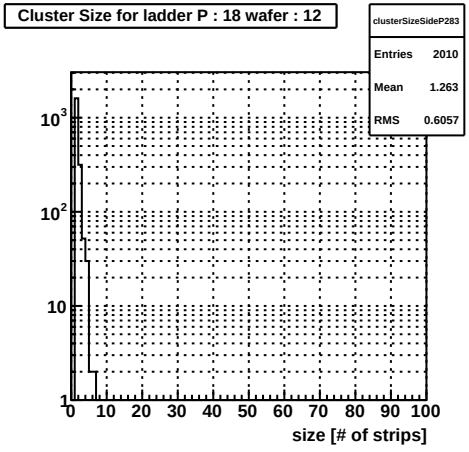

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13941
Mean 1.223
RMS 0.6248
size [# of strips]

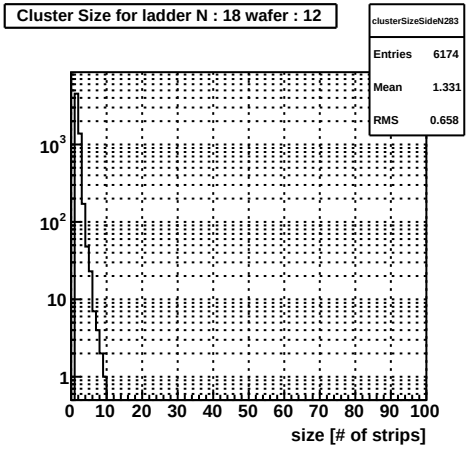

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4343
Mean 1.279
RMS 0.6993
size [# of strips]

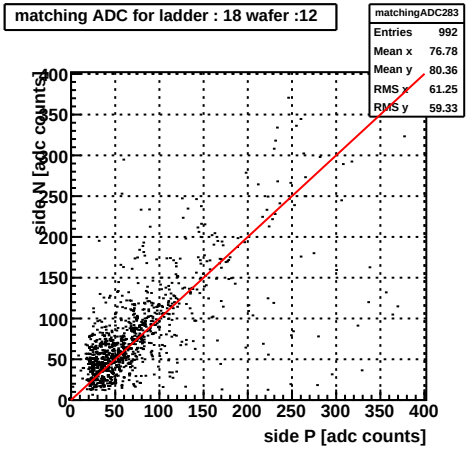

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 767
Mean x 67.2
Mean y 76.49
RMS x 50.67
RMS y 58.38
side N [adc counts]
side P [adc counts]

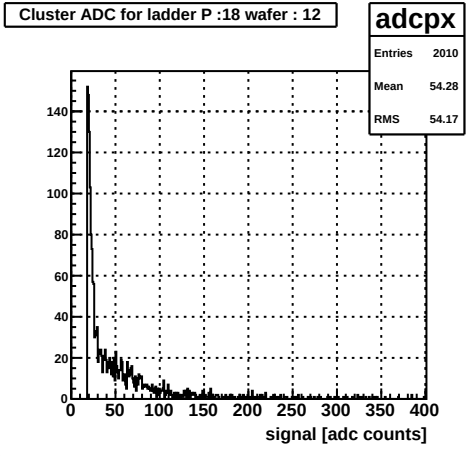

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13941
Mean 44.89
RMS 41.01
signal [adc counts]

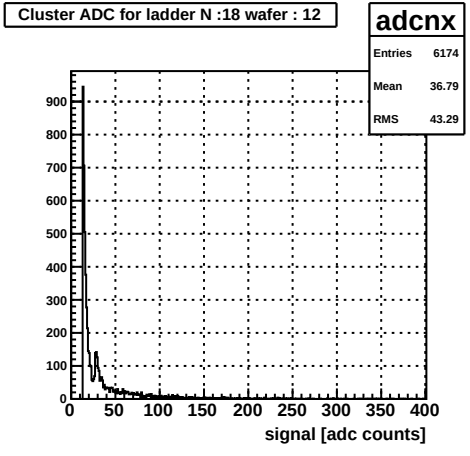

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4343
Mean 49.97
RMS 45.89
signal [adc counts]

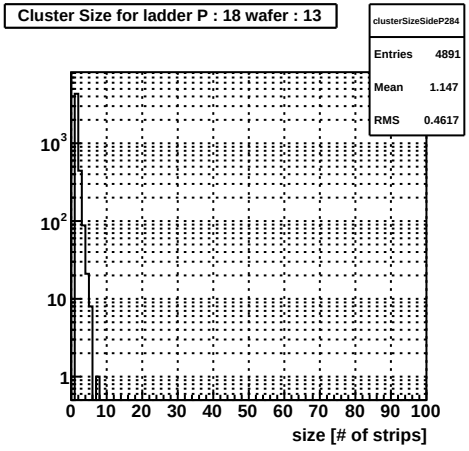

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2010
Mean 1.263
RMS 0.6057
size [# of strips]

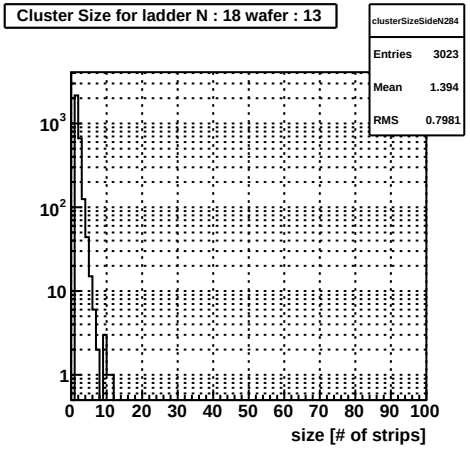

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6174
Mean 1.331
RMS 0.658
size [# of strips]

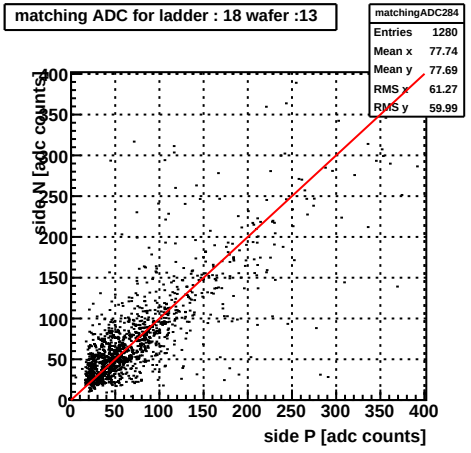

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 992
Mean x 76.78
Mean y 80.36
RMS x 61.25
RMS y 59.33
side N [adc counts]
side P [adc counts]

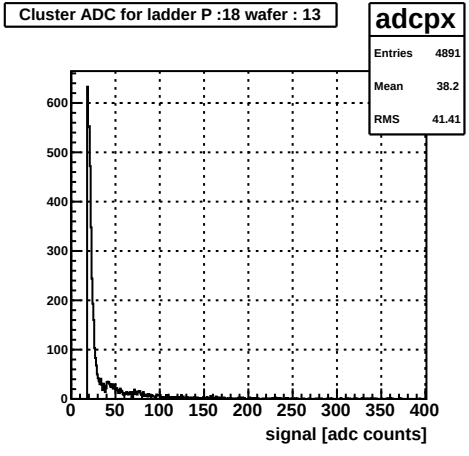

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2010
Mean 54.28
RMS 54.17
signal [adc counts]

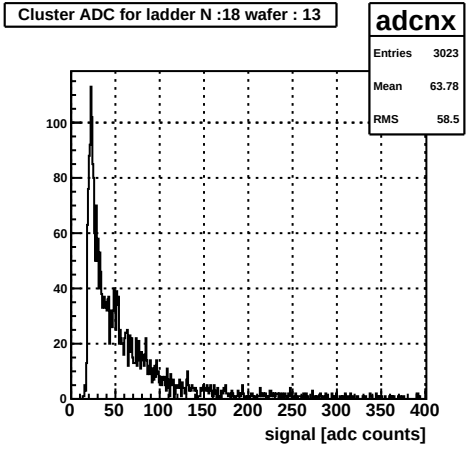

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6174
Mean 36.79
RMS 43.29
signal [adc counts]

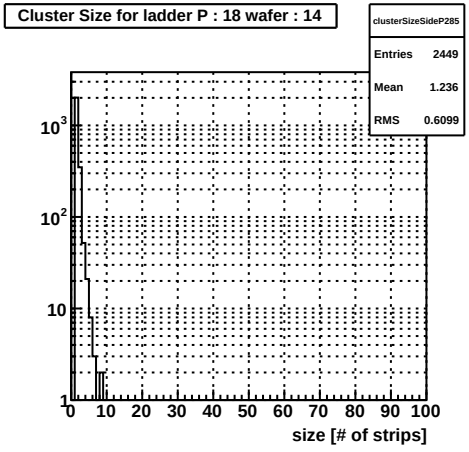

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4891
Mean 1.147
RMS 0.4617
size [# of strips]

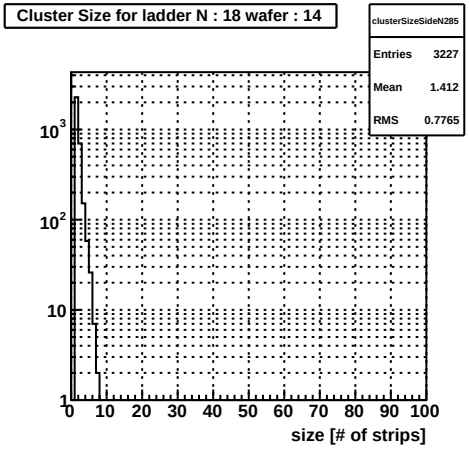

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3023
Mean 1.394
RMS 0.7981
size [# of strips]

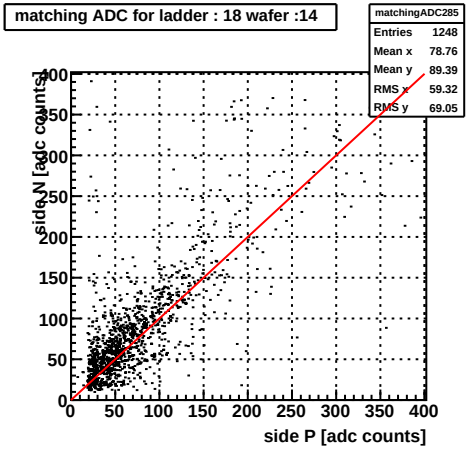

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1280
Mean x 77.74
Mean y 77.69
RMS x 61.27
RMS y 59.99
side N [adc counts]
side P [adc counts]

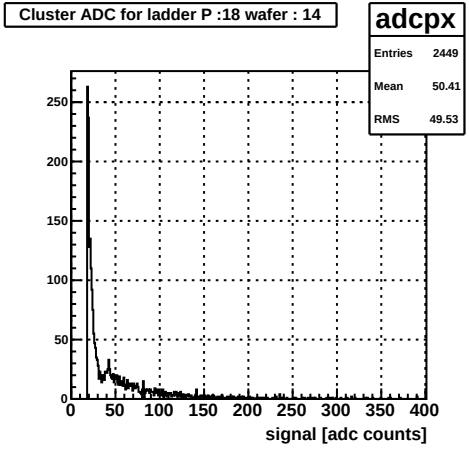

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4891
Mean 38.2
RMS 41.41
signal [adc counts]

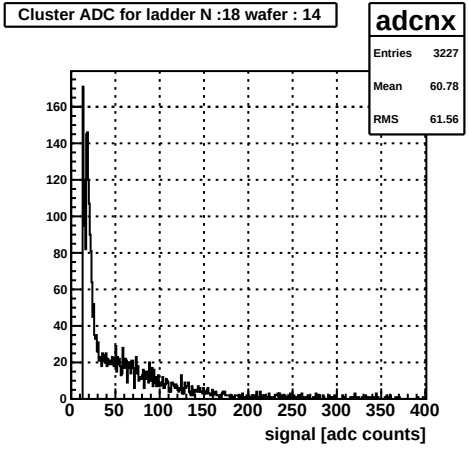

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3023
Mean 63.78
RMS 58.5
signal [adc counts]

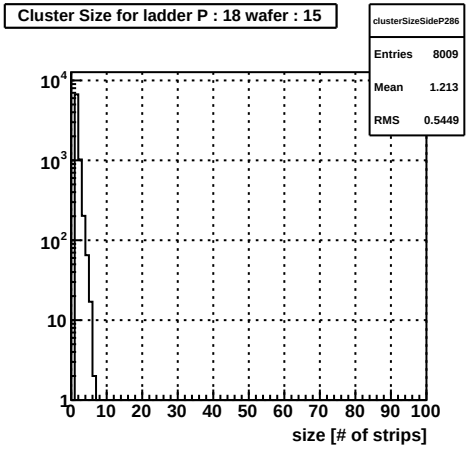

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2449
Mean 1.236
RMS 0.6099
size [# of strips]

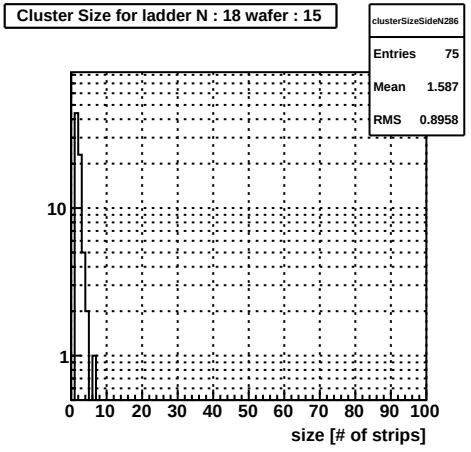

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3227
Mean 1.412
RMS 0.7765
size [# of strips]

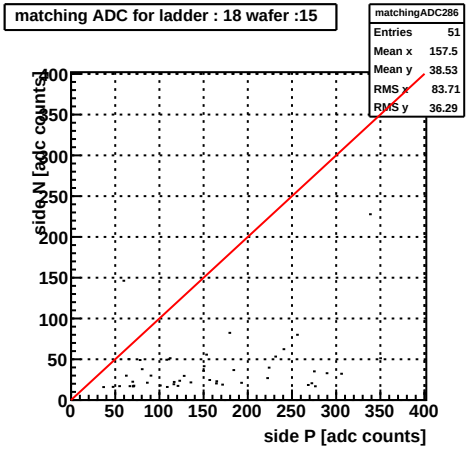

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1248
Mean x 78.76
Mean y 89.39
RMS x 59.32
RMS y 69.05
side N [adc counts]
side P [adc counts]

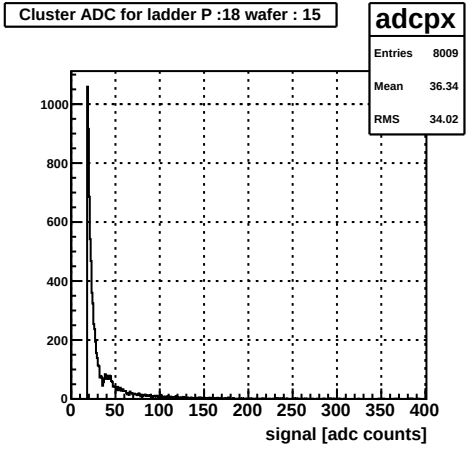

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2449
Mean 50.41
RMS 49.53
signal [adc counts]

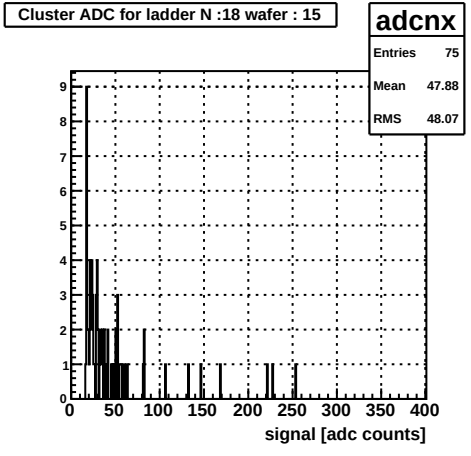

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3227
Mean 60.78
RMS 61.56
signal [adc counts]

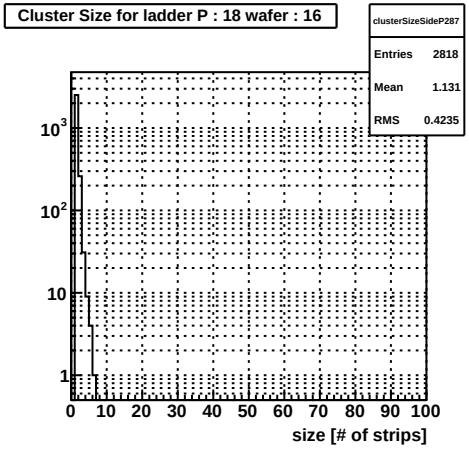

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8009
Mean 1.213
RMS 0.5449
size [# of strips]

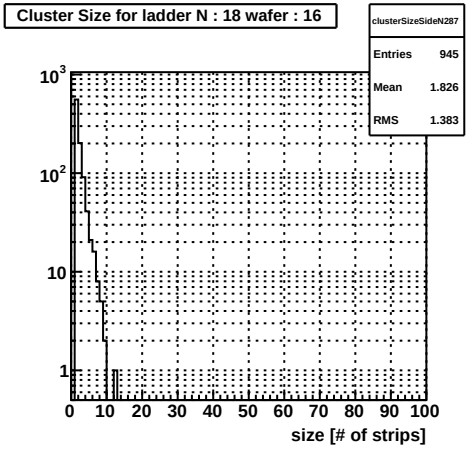

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 75
Mean 1.587
RMS 0.8958
size [# of strips]

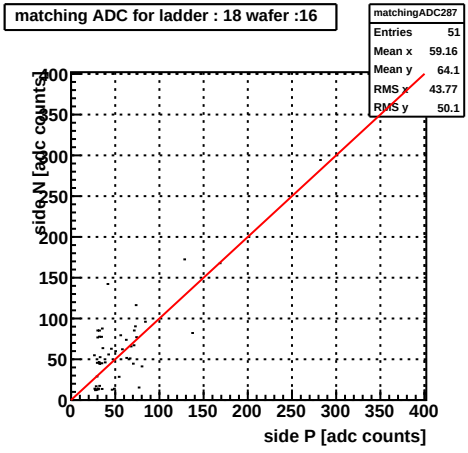

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 51
Mean x 157.5
Mean y 38.53
RMS x 83.71
RMS y 36.29
side N [adc counts]
side P [adc counts]

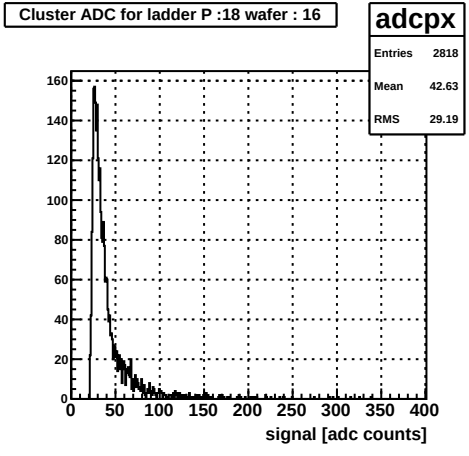

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8009
Mean 36.34
RMS 34.02
signal [adc counts]

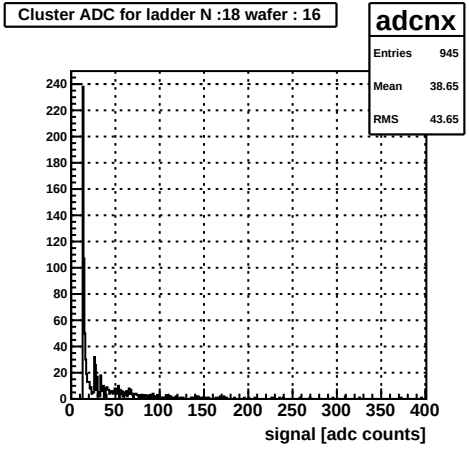

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 75
Mean 47.88
RMS 48.07
signal [adc counts]

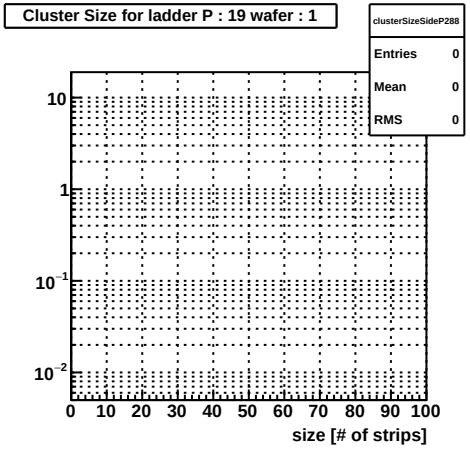

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2818
Mean 1.131
RMS 0.4235
size [# of strips]

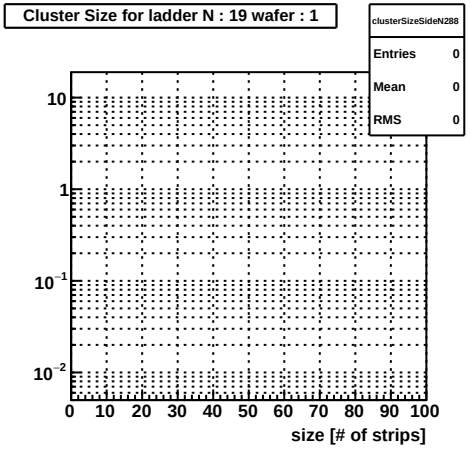

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 945
Mean 1.826
RMS 1.383
size [# of strips]

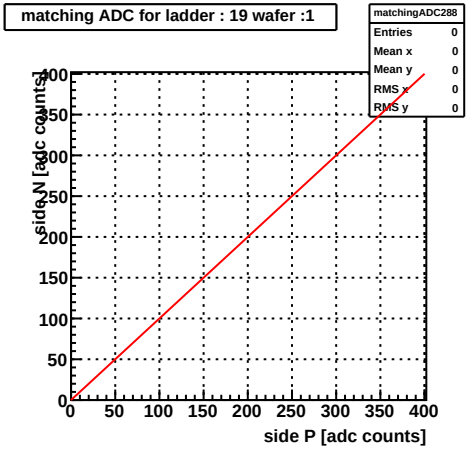

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 51
Mean x 59.16
Mean y 64.1
RMS x 43.77
RMS y 50.1
side N [adc counts]
side P [adc counts]

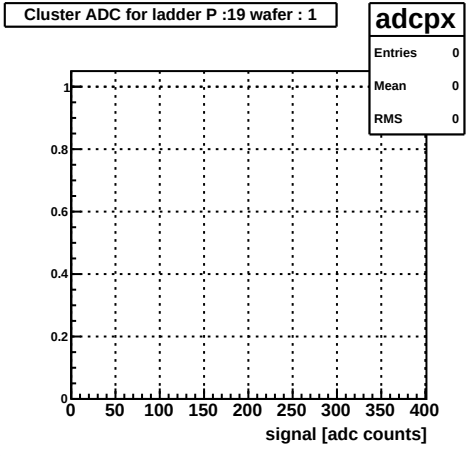

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2818
Mean 42.63
RMS 29.19
signal [adc counts]

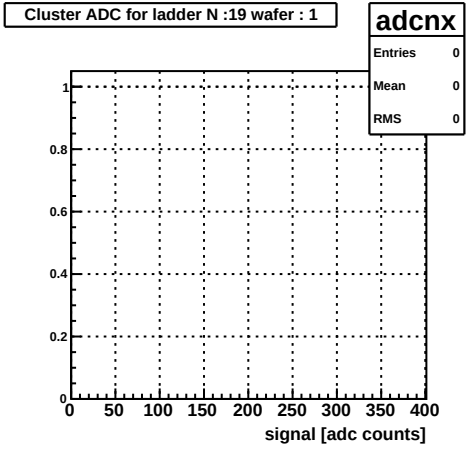

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 945
Mean 38.65
RMS 43.65
signal [adc counts]

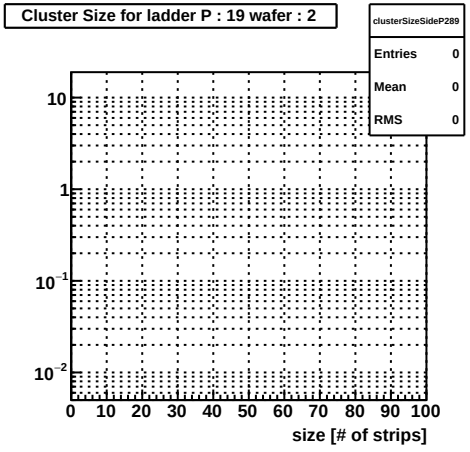

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

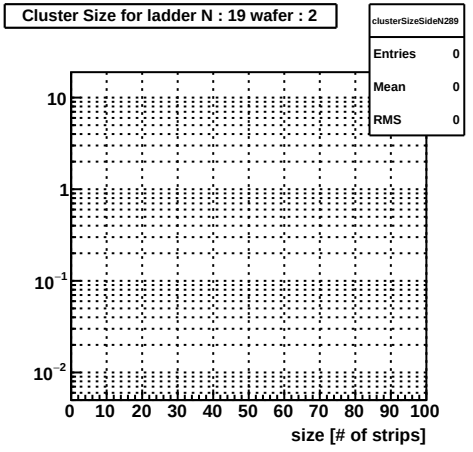

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

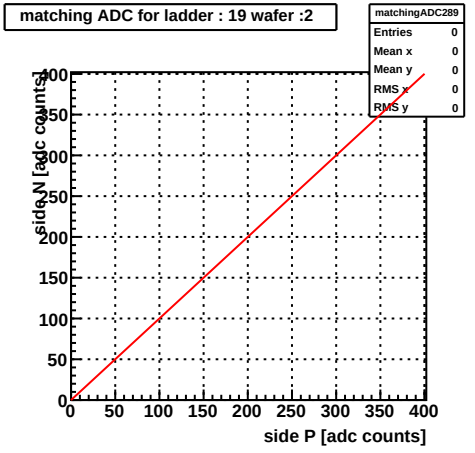

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

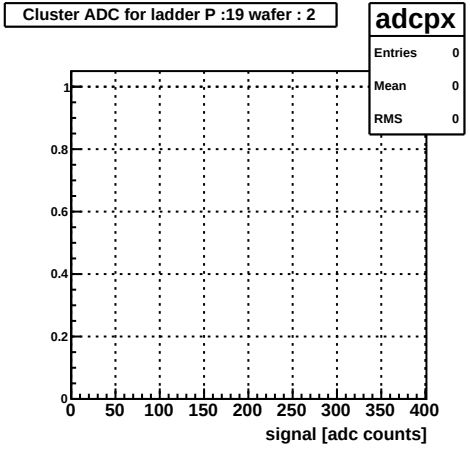

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

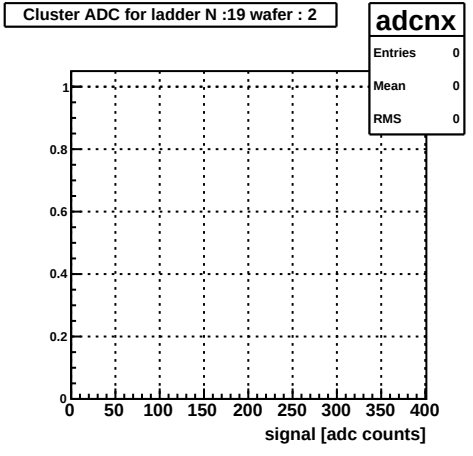

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

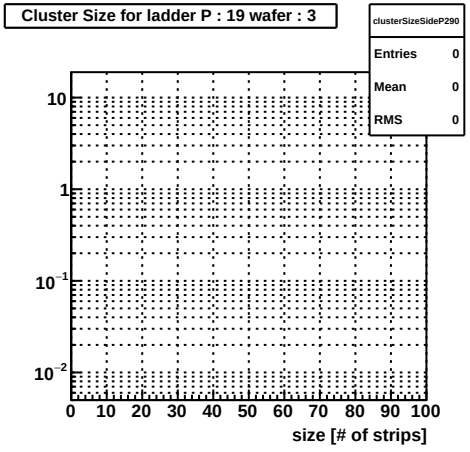

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

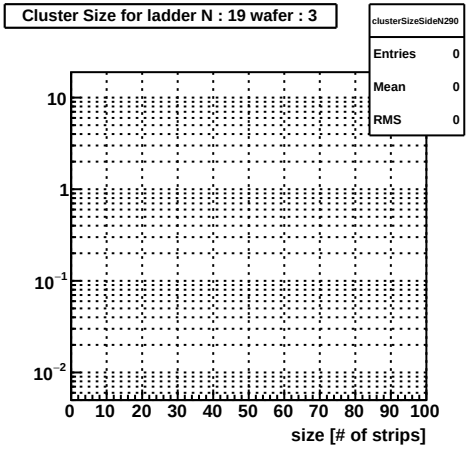

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

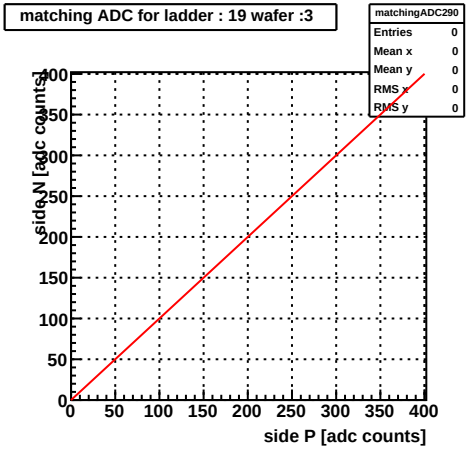

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

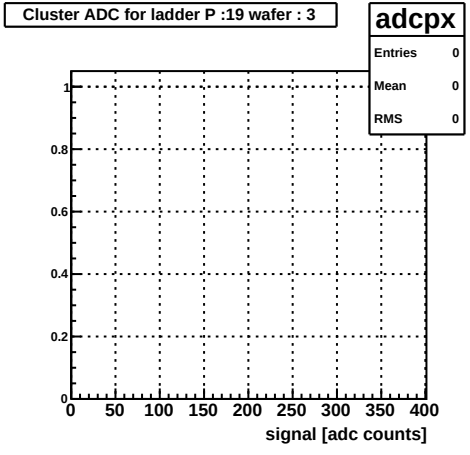

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

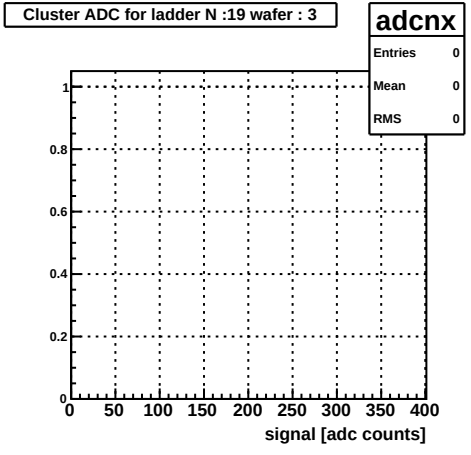

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

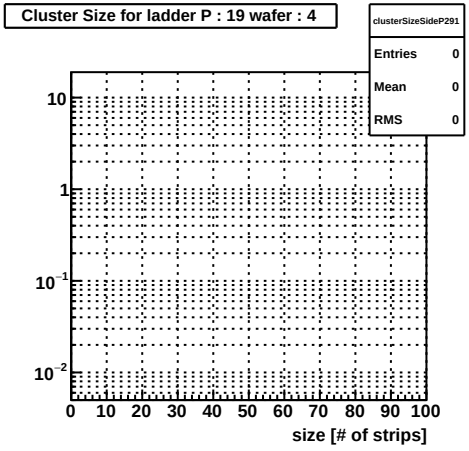

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

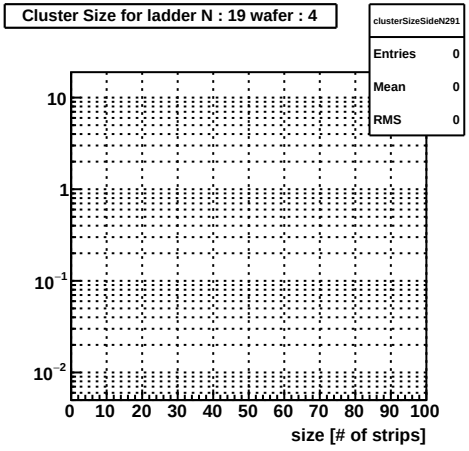

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

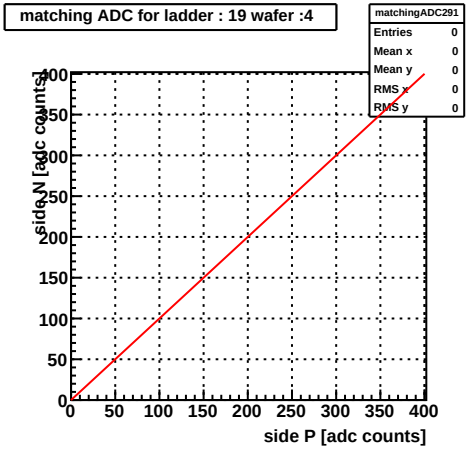

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

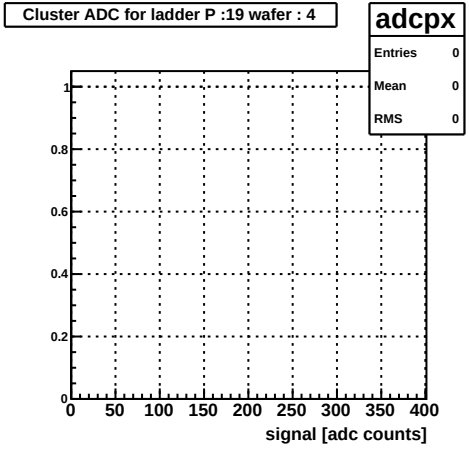

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

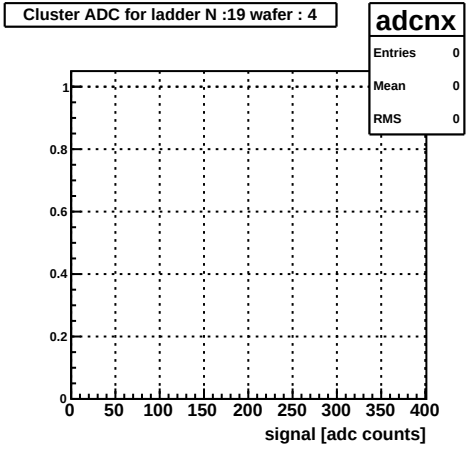

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

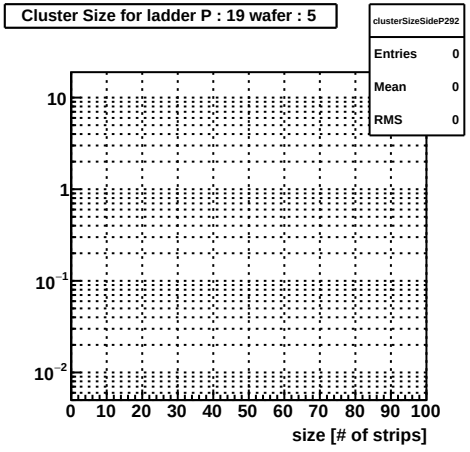

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

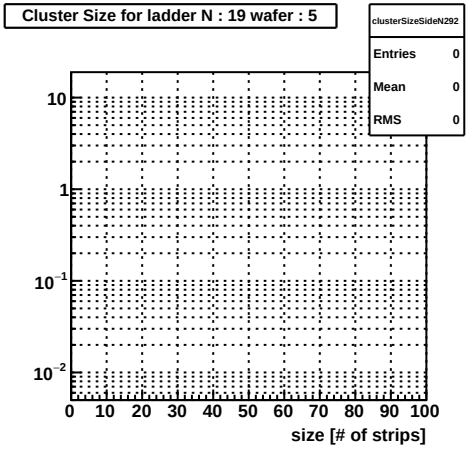

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

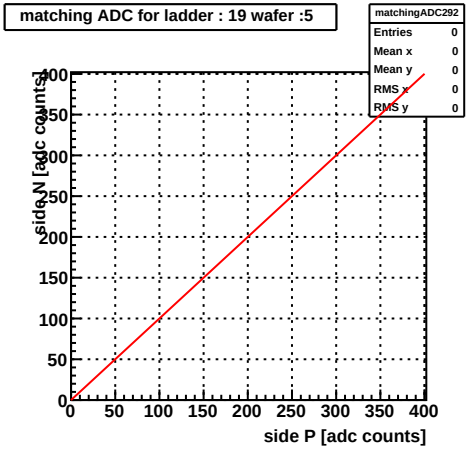

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

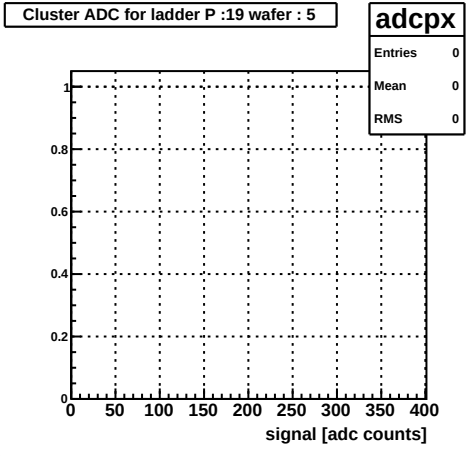

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

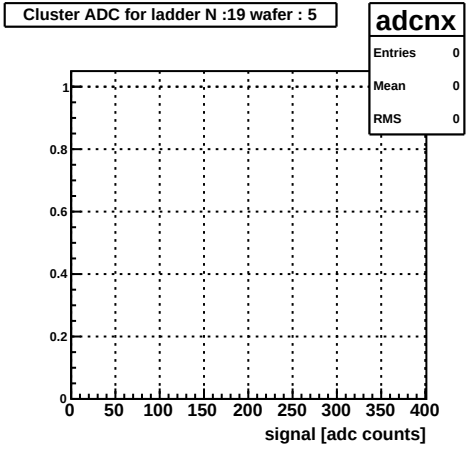

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

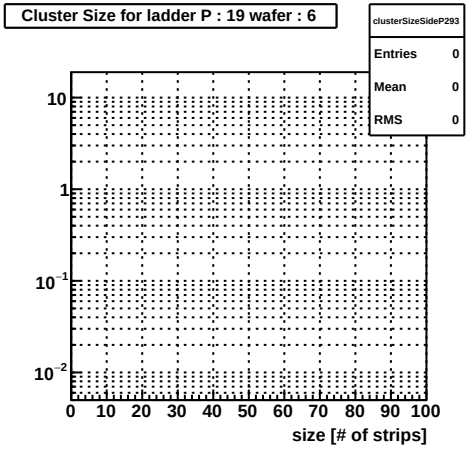

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

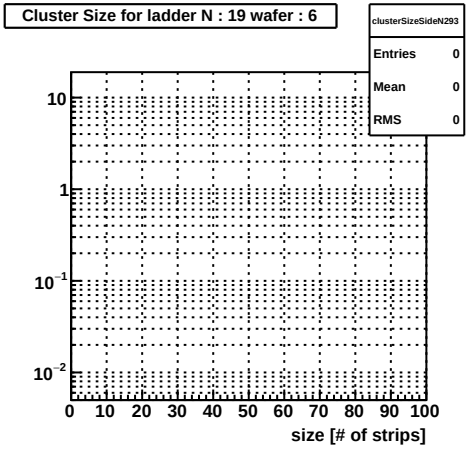

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

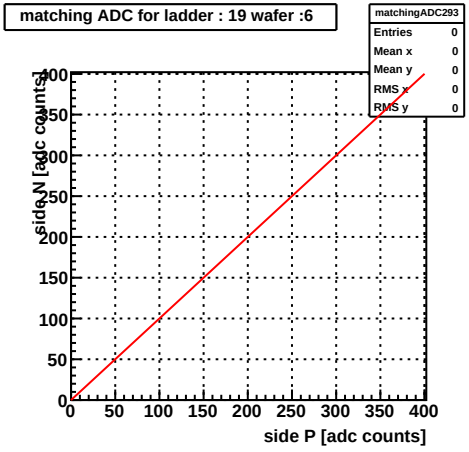

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

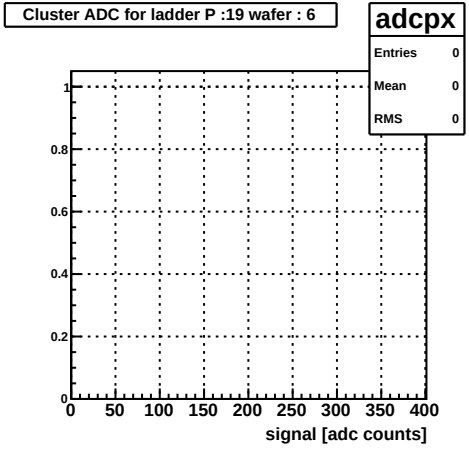

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

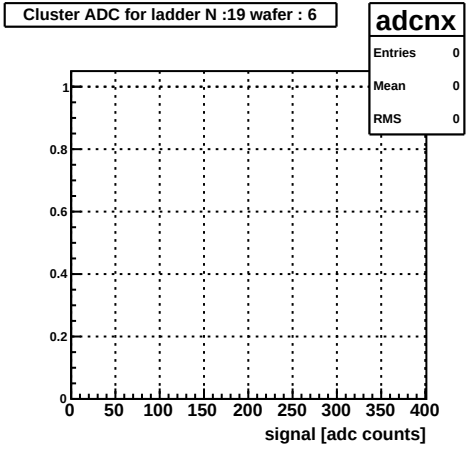

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

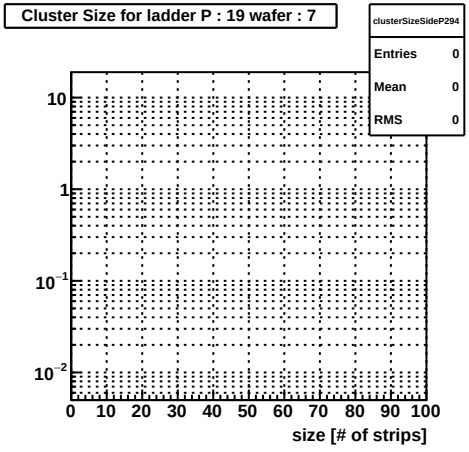

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

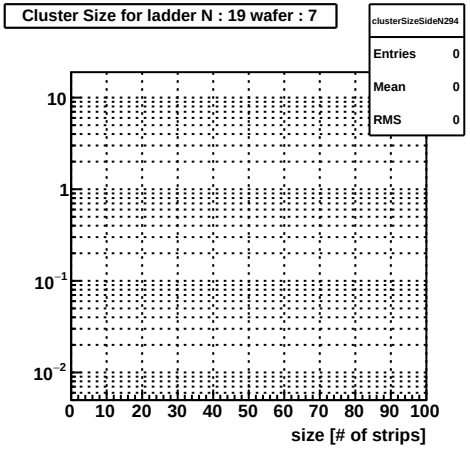

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

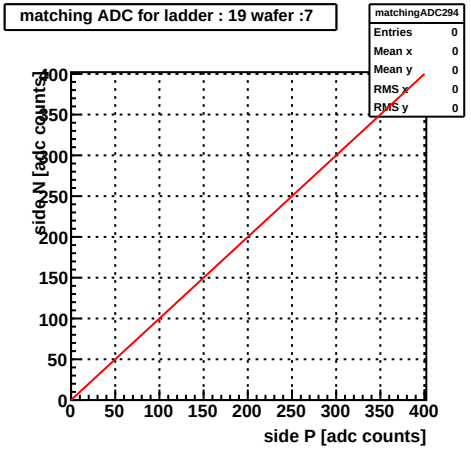

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

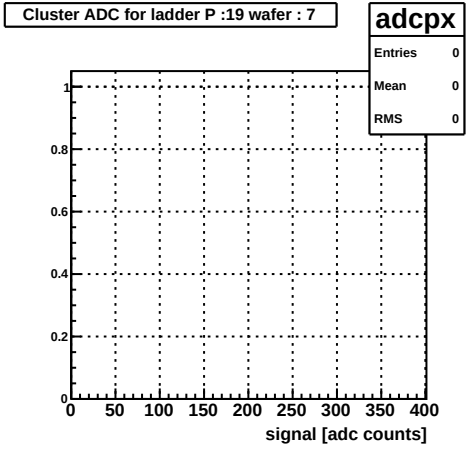

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

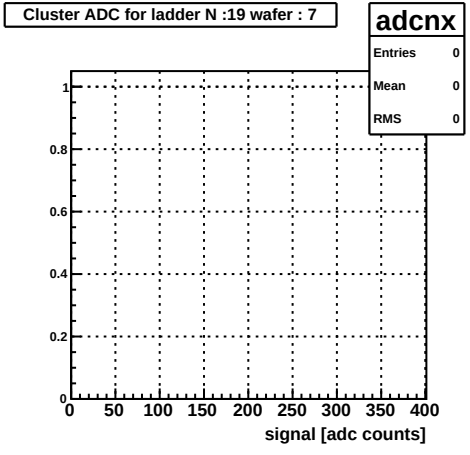

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

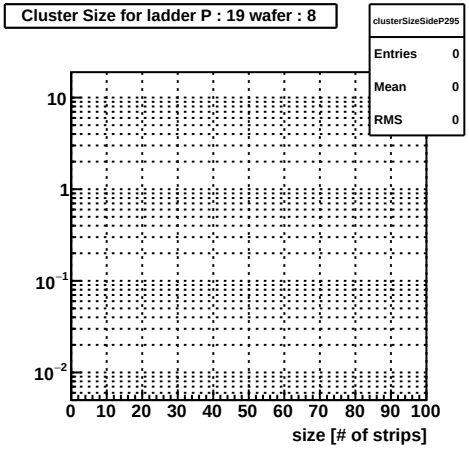

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

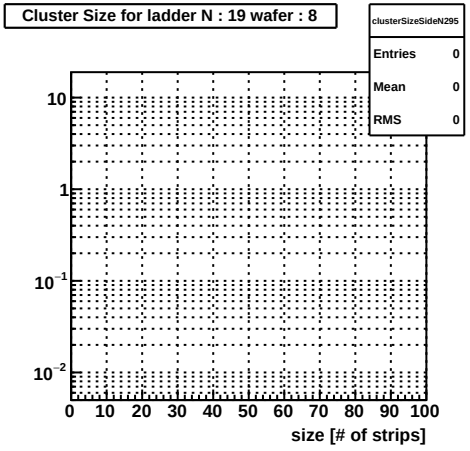

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

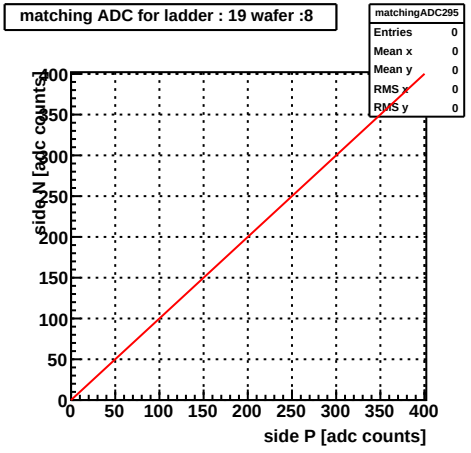

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

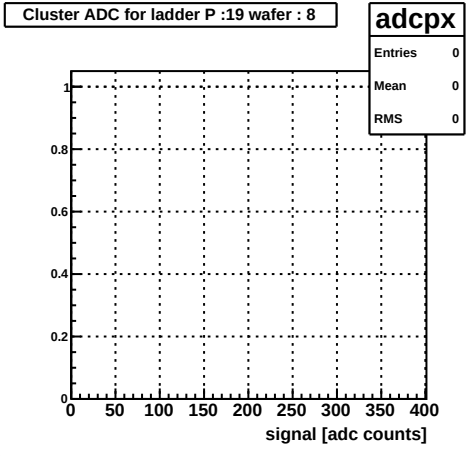

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

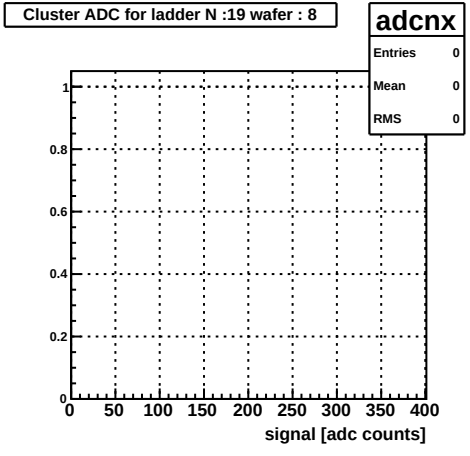

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

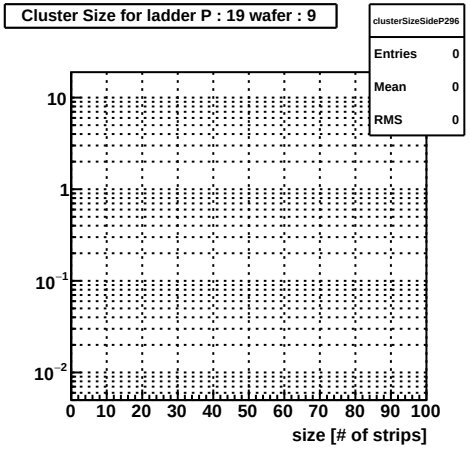

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

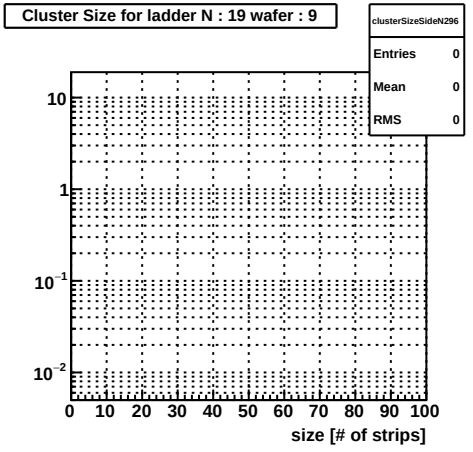

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

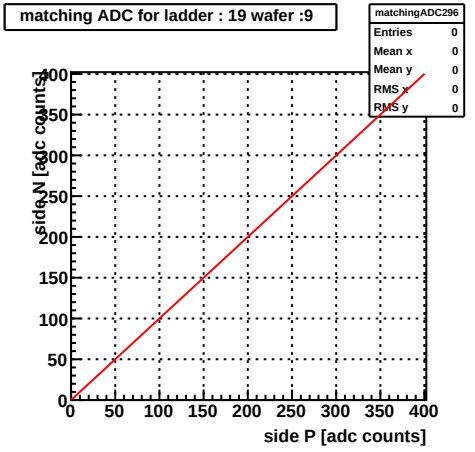

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

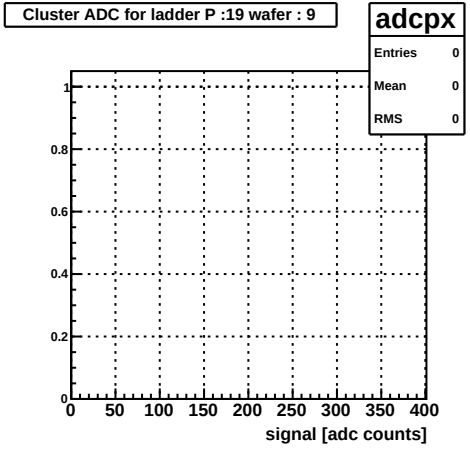

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

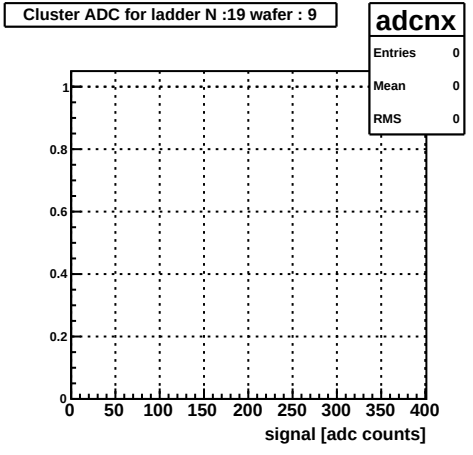

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

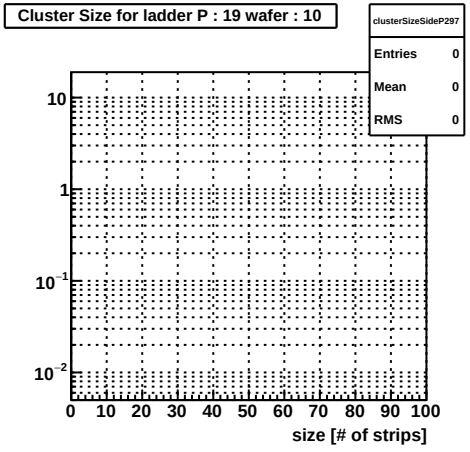

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

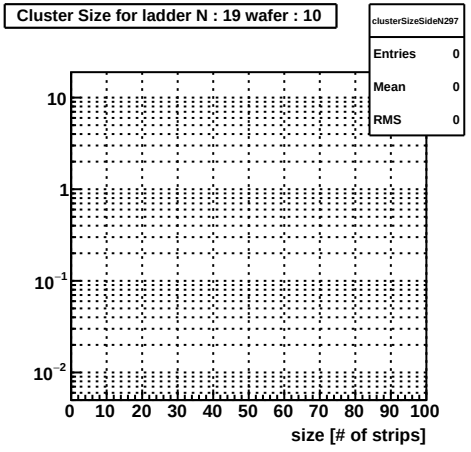

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

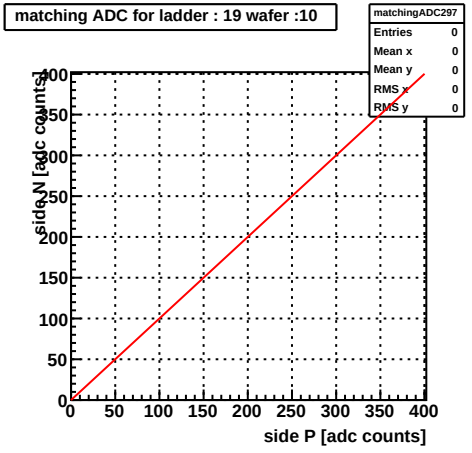

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

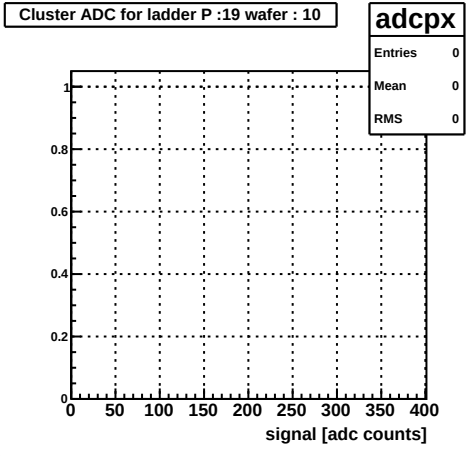

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

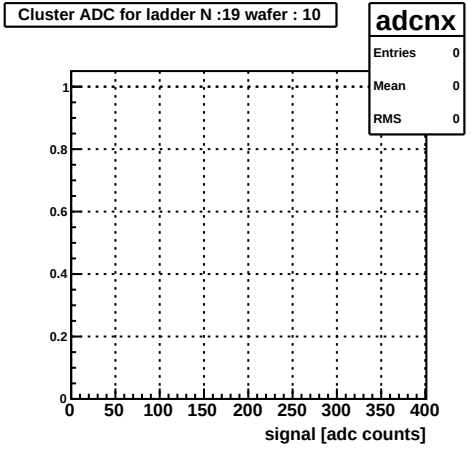

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

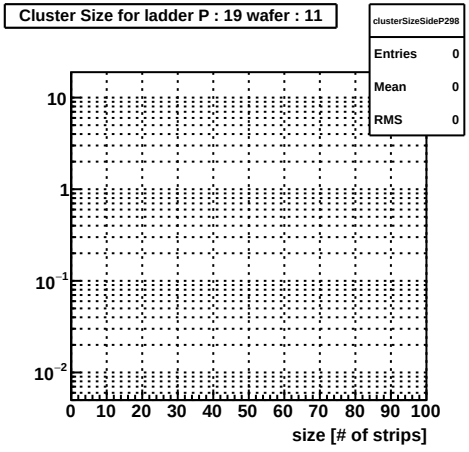

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

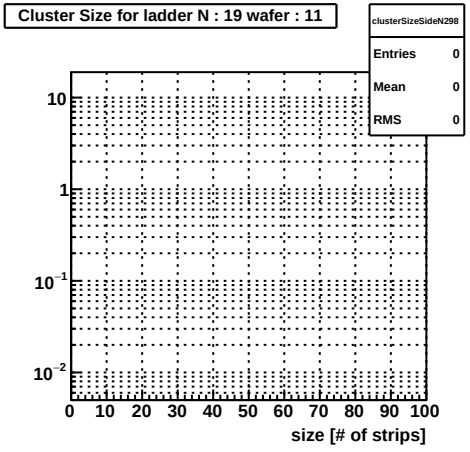

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

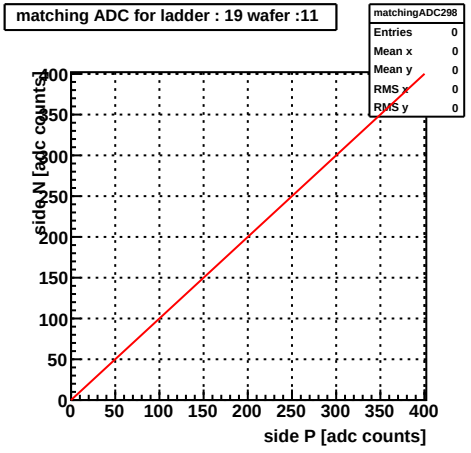

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

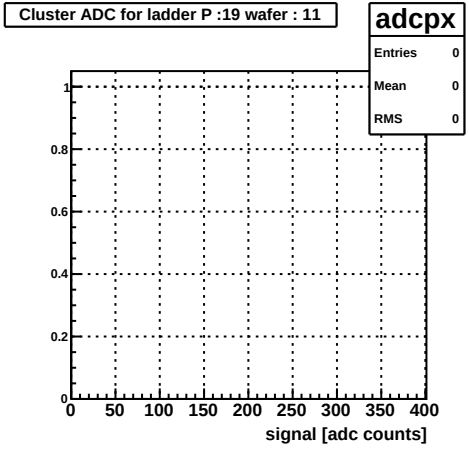

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

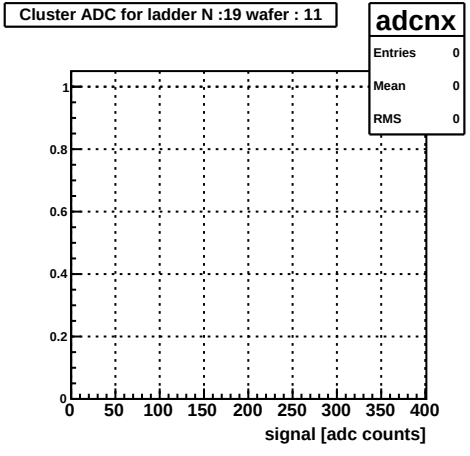

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

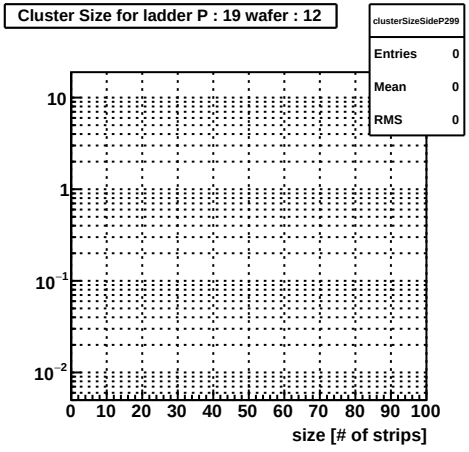

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

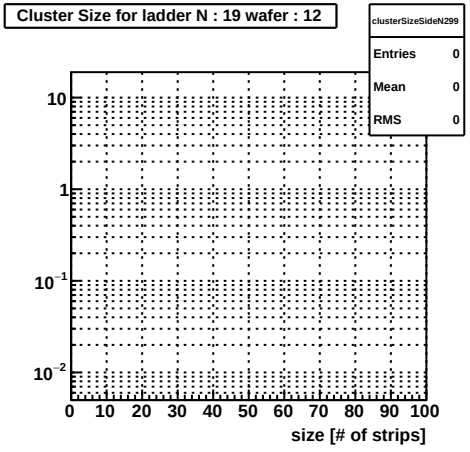

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

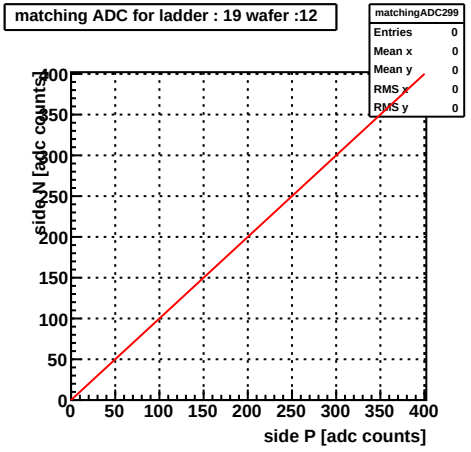

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

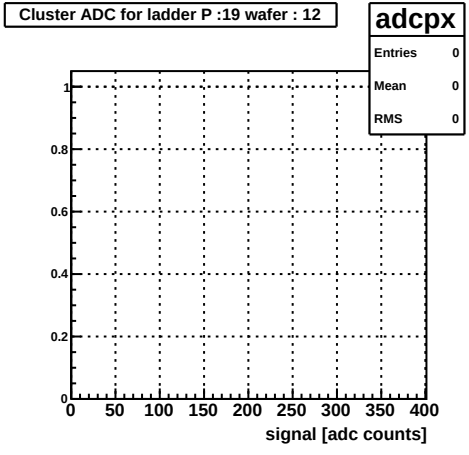

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

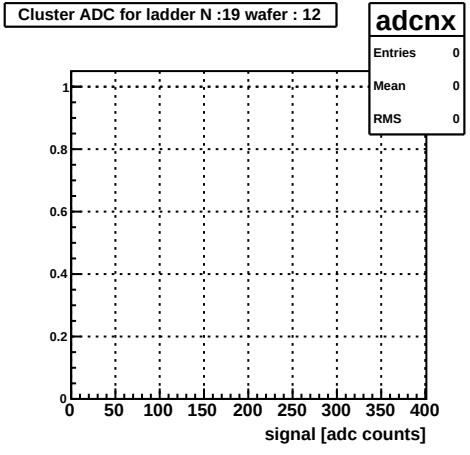

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

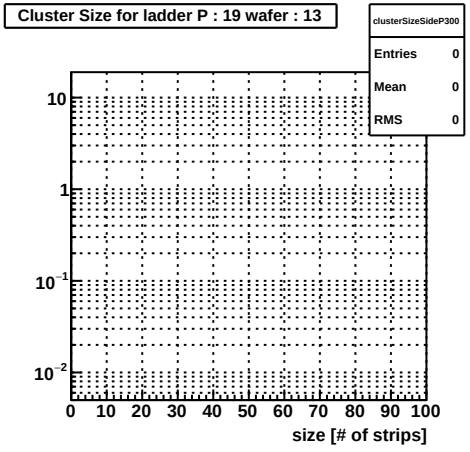

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

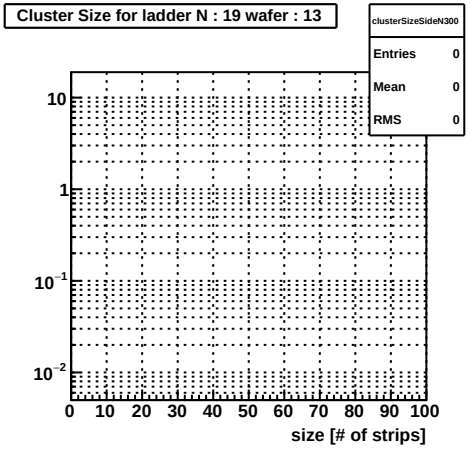

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

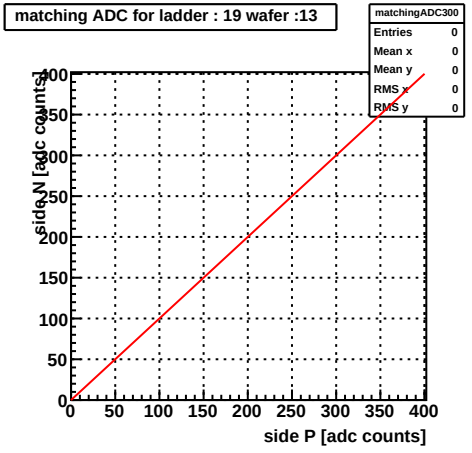

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

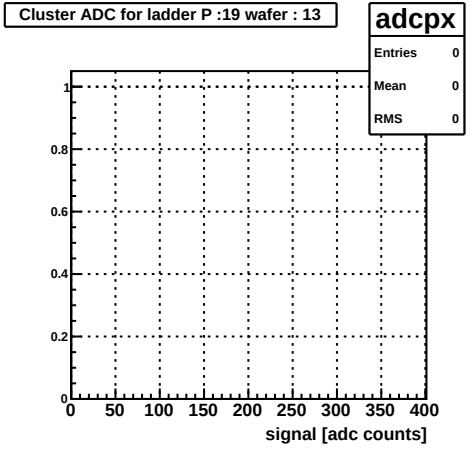

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

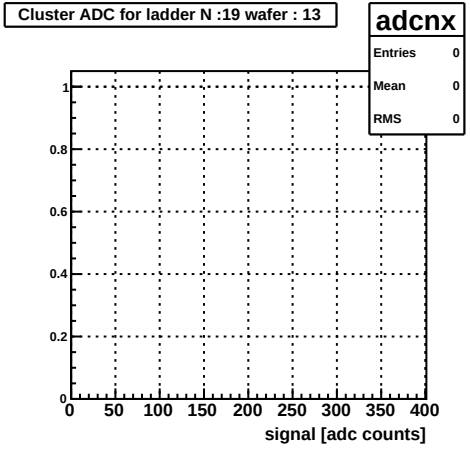

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

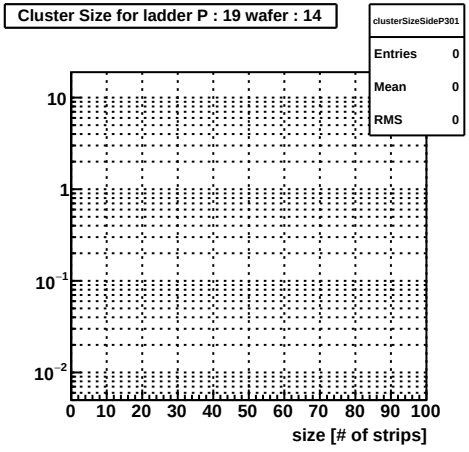

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

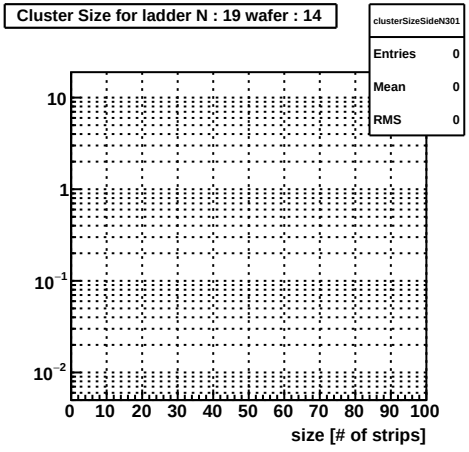

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

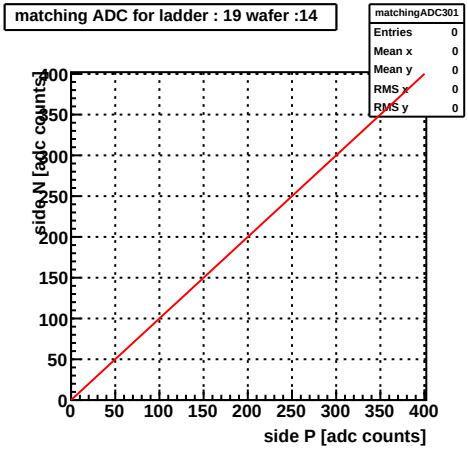

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

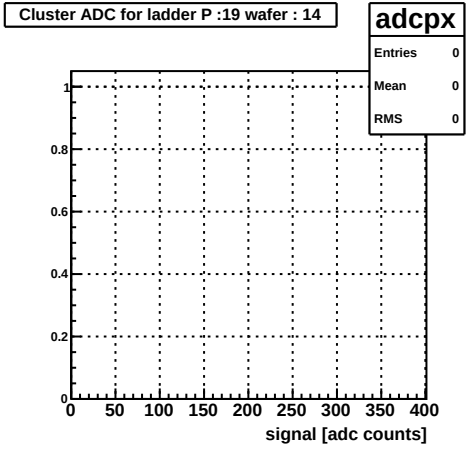

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

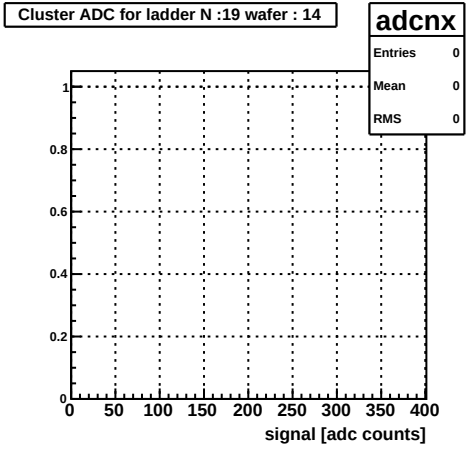

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

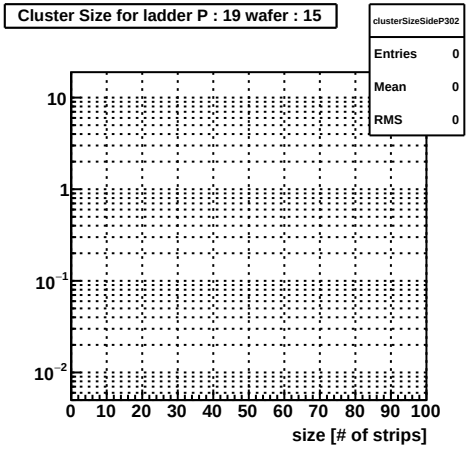

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

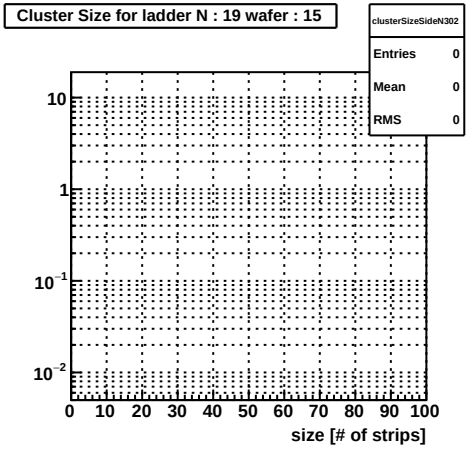

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

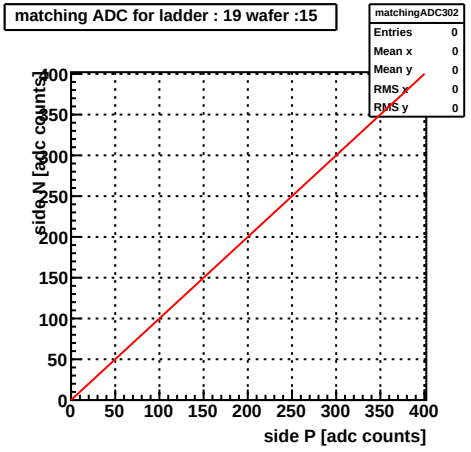

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

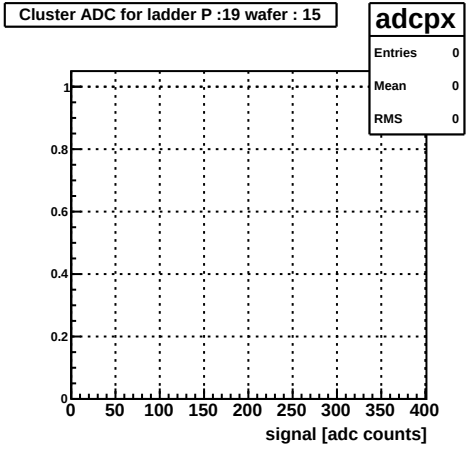

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

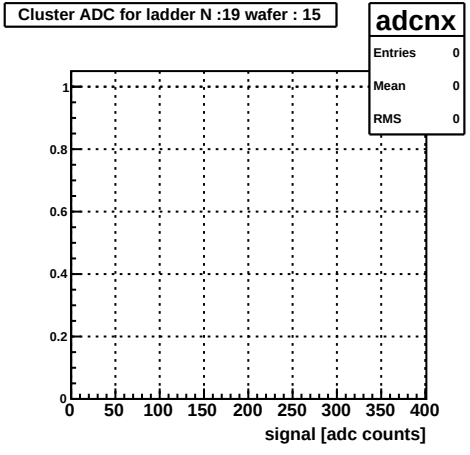

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

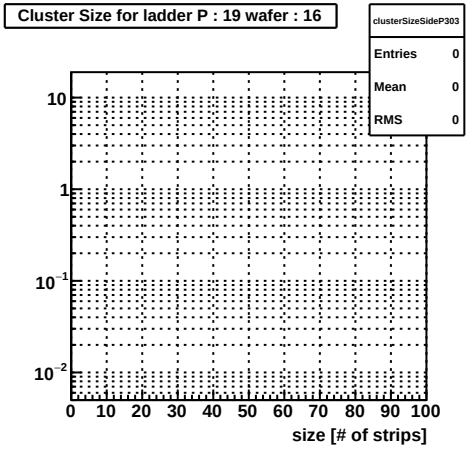

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

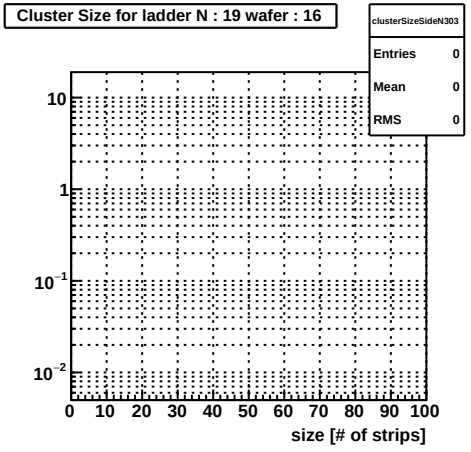

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

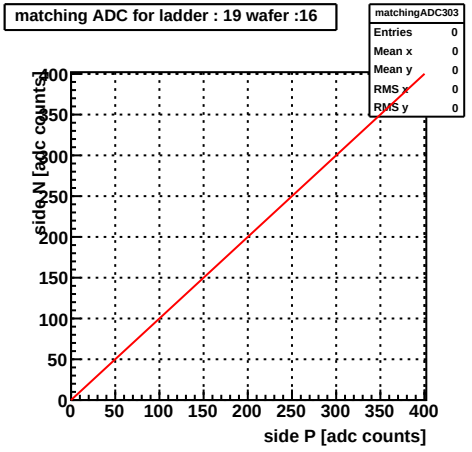

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

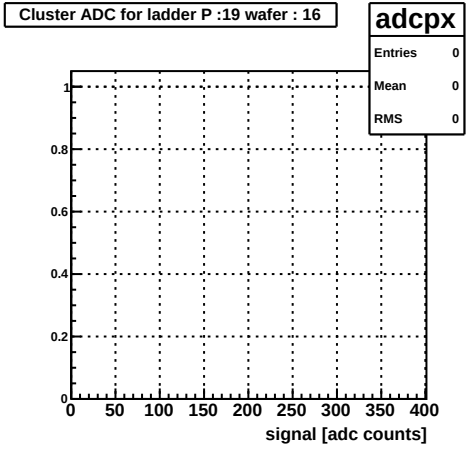

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

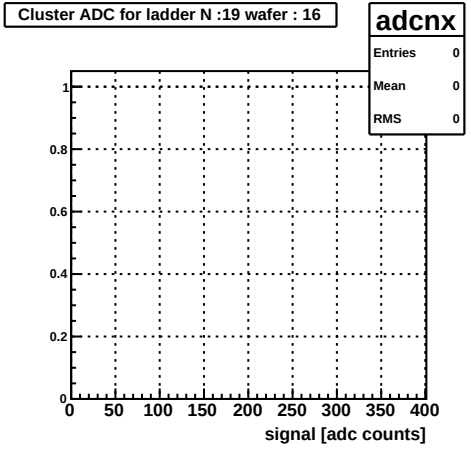

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

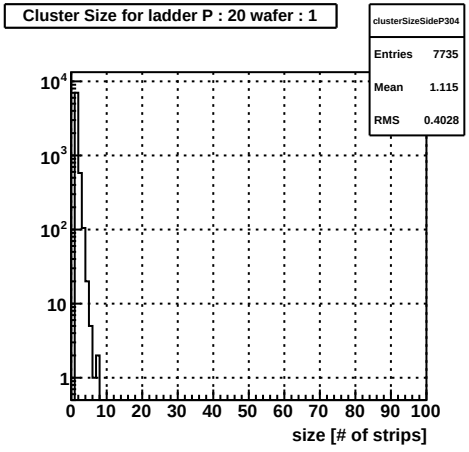

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

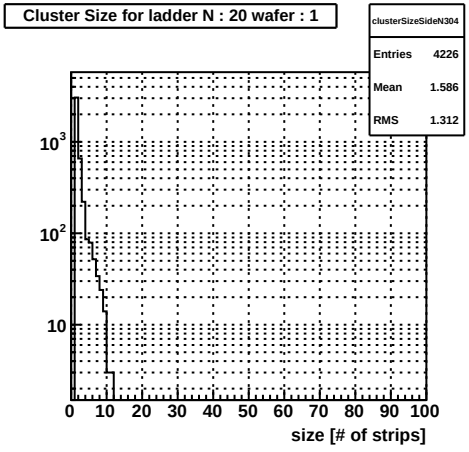

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

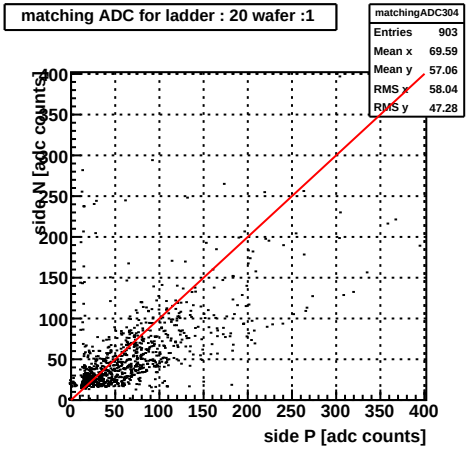

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

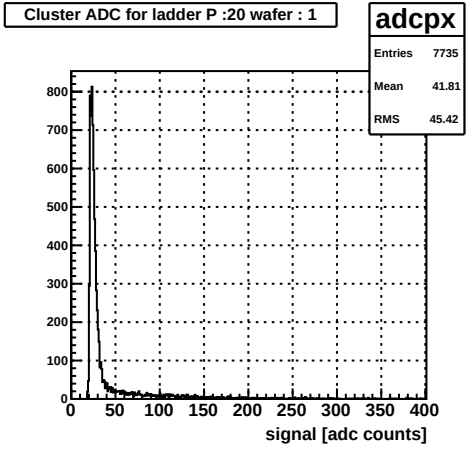

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

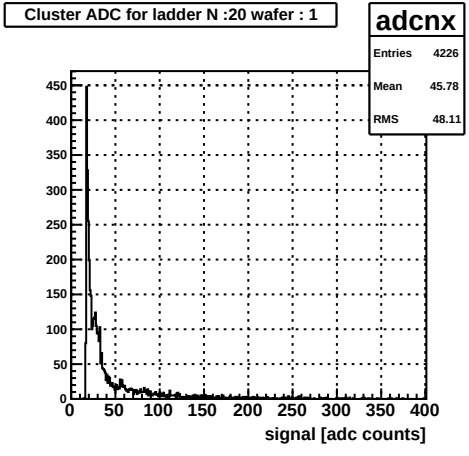

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

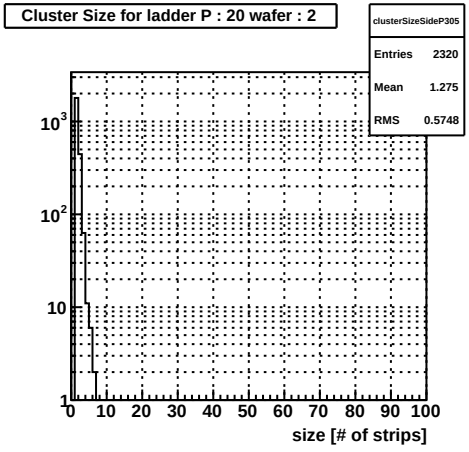

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7735
Mean 1.115
RMS 0.4028
size [# of strips]

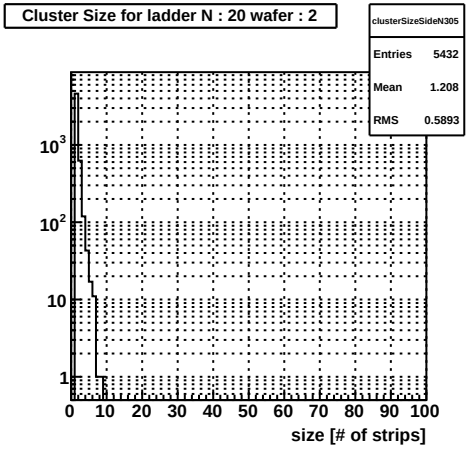

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4226
Mean 1.586
RMS 1.312
size [# of strips]

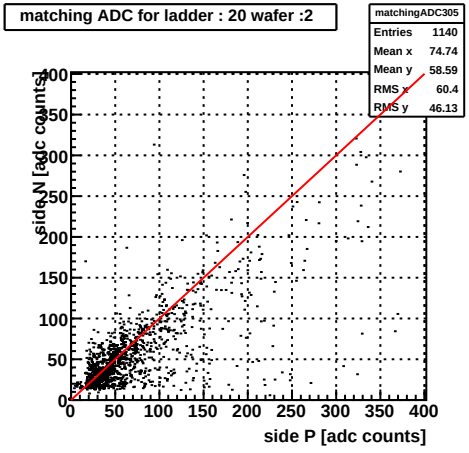

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 903
Mean x 69.59
Mean y 57.06
RMS x 58.04
RMS y 47.28
side N [adc counts]
side P [adc counts]

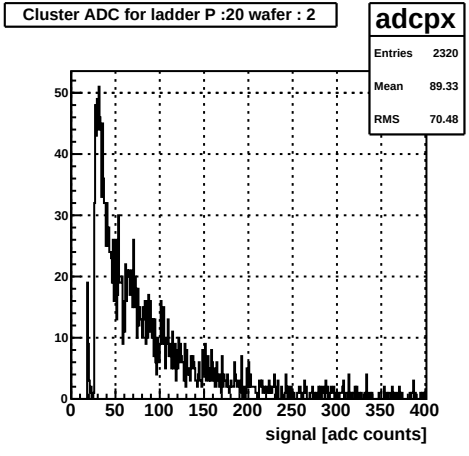

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7735
Mean 41.81
RMS 45.42
signal [adc counts]

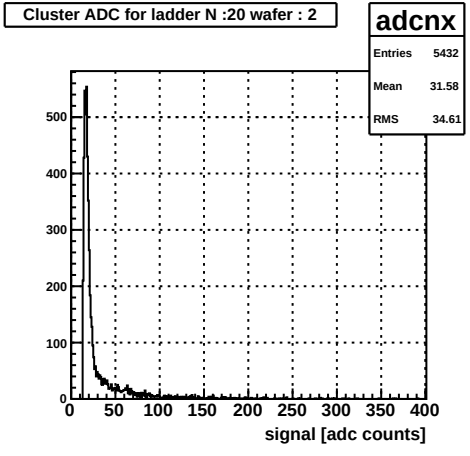

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4226
Mean 45.78
RMS 48.11
signal [adc counts]

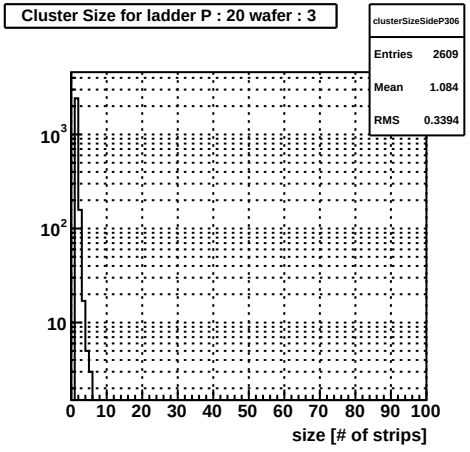

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2320
Mean 1.275
RMS 0.5748
size [# of strips]

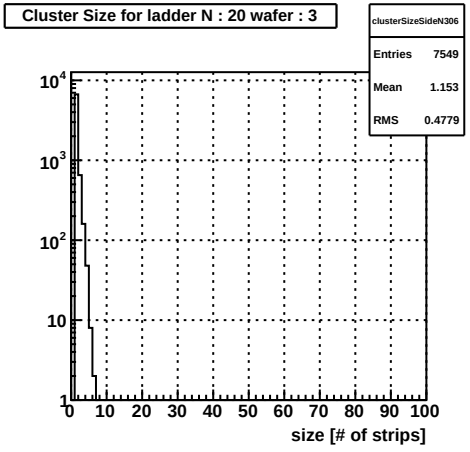

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5432
Mean 1.208
RMS 0.5893
size [# of strips]

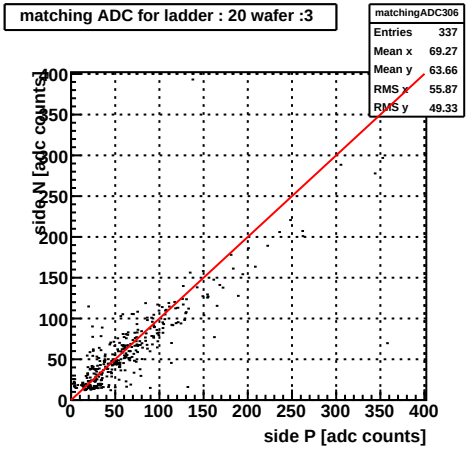

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1140
Mean x 74.74
Mean y 58.59
RMS x 60.4
RMS y 46.13
side N [adc counts]
side P [adc counts]

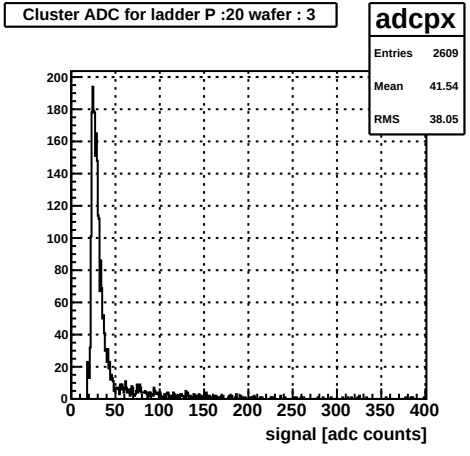

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2320
Mean 89.33
RMS 70.48
signal [adc counts]

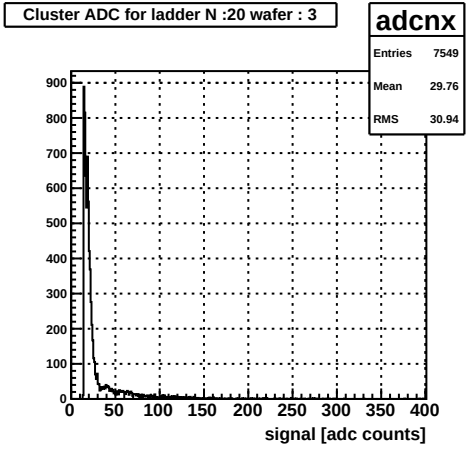

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5432
Mean 31.58
RMS 34.61
signal [adc counts]

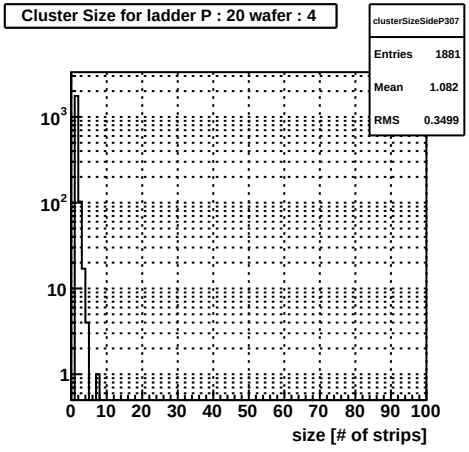

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2609
Mean 1.084
RMS 0.3394
size [# of strips]

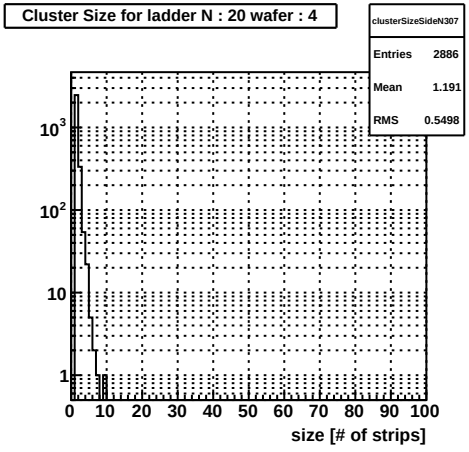

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 7549
Mean 1.153
RMS 0.4779
size [# of strips]

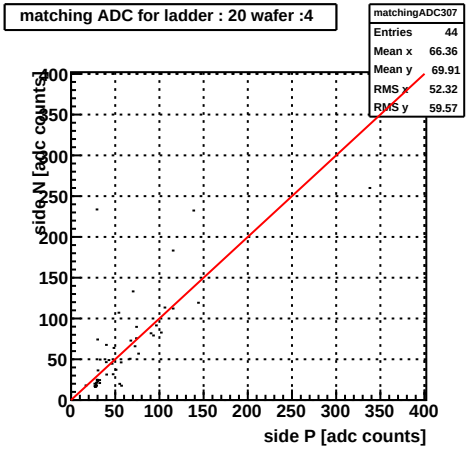

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 337
Mean x 69.27
Mean y 63.66
RMS x 55.87
RMS y 49.33
side N [adc counts]
side P [adc counts]

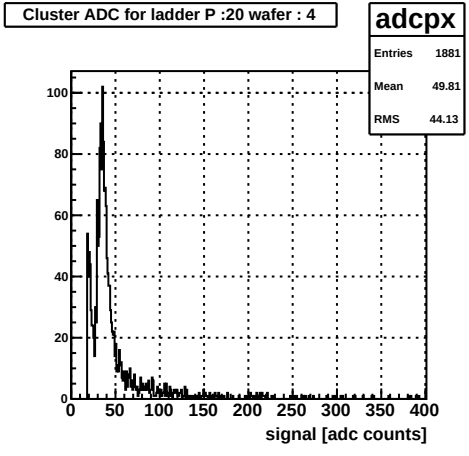

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2609
Mean 41.54
RMS 38.05
signal [adc counts]

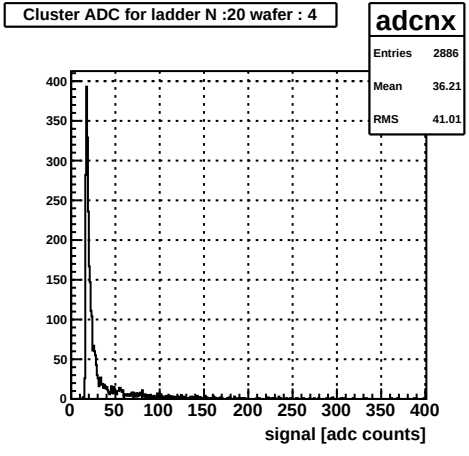

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 7549
Mean 29.76
RMS 30.94
signal [adc counts]

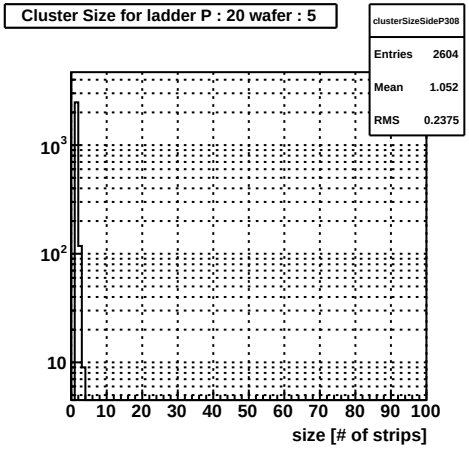

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1881
Mean 1.082
RMS 0.3499
size [# of strips]

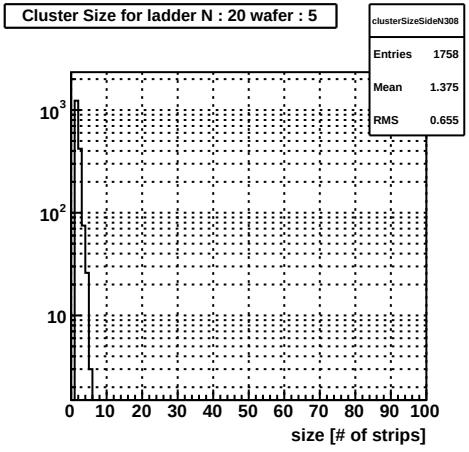

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2886
Mean 1.191
RMS 0.5498
size [# of strips]

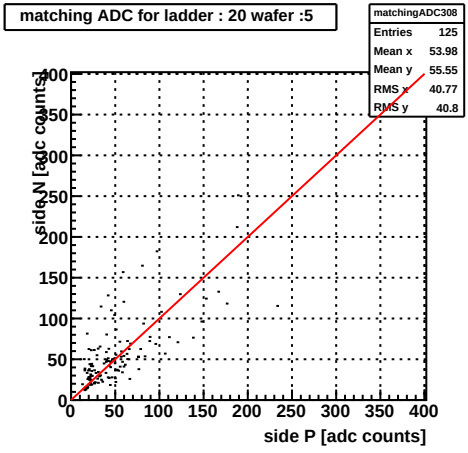

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 44
Mean x 66.36
Mean y 69.91
RMS x 52.32
RMS y 59.57
side N [adc counts]
side P [adc counts]

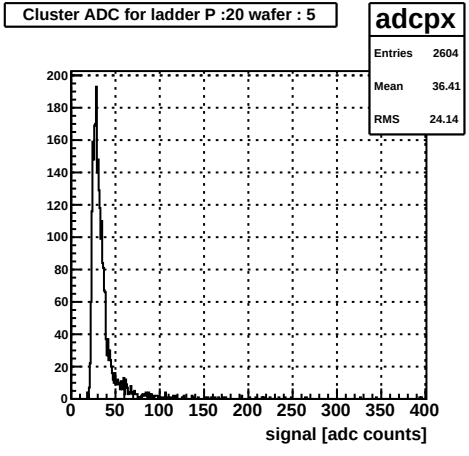

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1881
Mean 49.81
RMS 44.13
signal [adc counts]

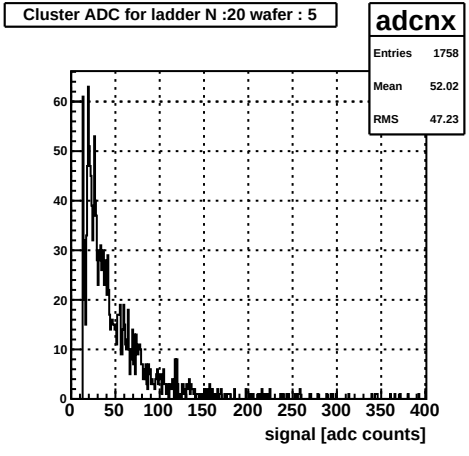

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2886
Mean 36.21
RMS 41.01
signal [adc counts]

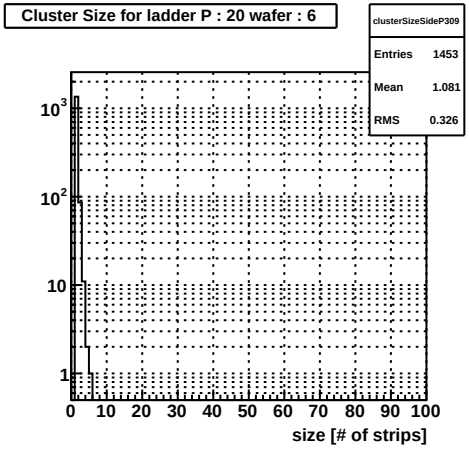

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2604
Mean 1.052
RMS 0.2375
size [# of strips]

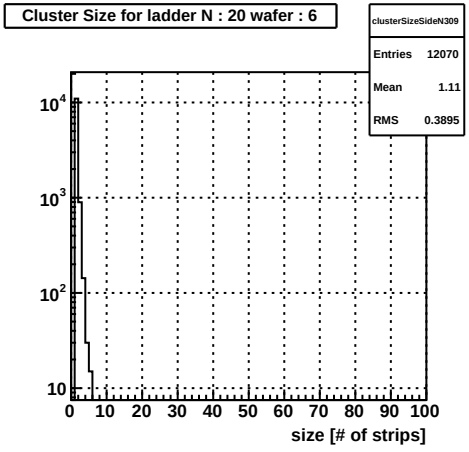

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1758
Mean 1.375
RMS 0.655
size [# of strips]

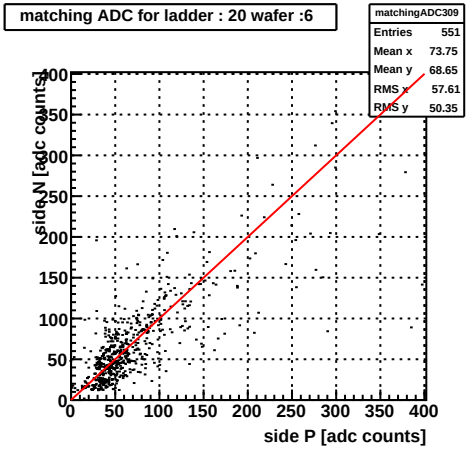

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 125
Mean x 53.98
Mean y 55.55
RMS x 40.77
RMS y 40.8
side N [adc counts]
side P [adc counts]

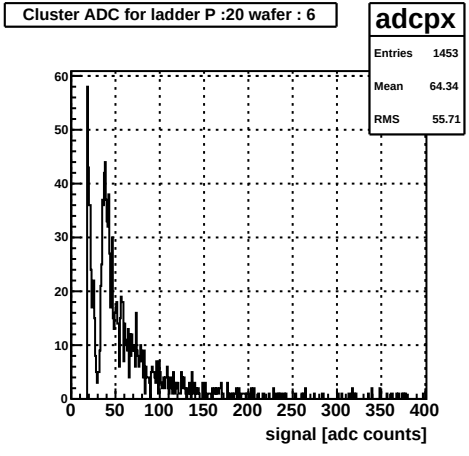

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2604
Mean 36.41
RMS 24.14
signal [adc counts]

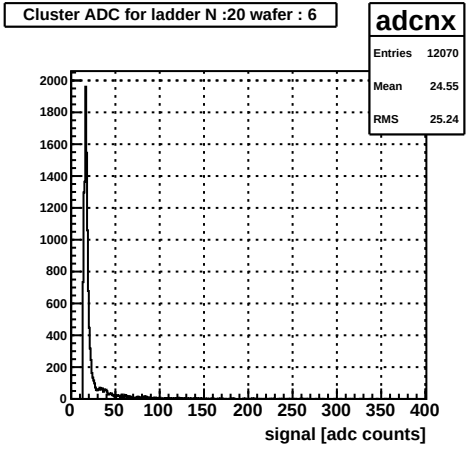

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1758
Mean 52.02
RMS 47.23
signal [adc counts]

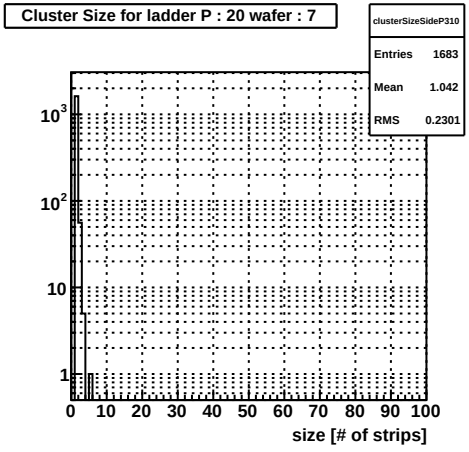

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1453
Mean 1.081
RMS 0.326
size [# of strips]

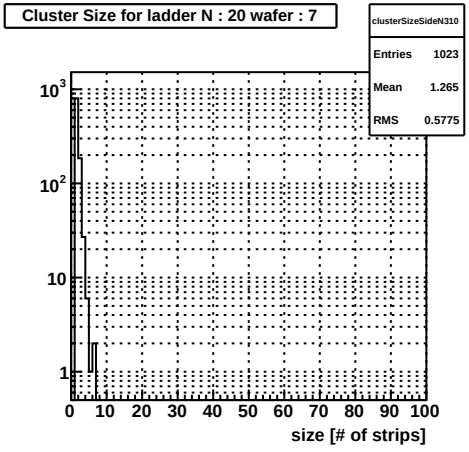

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 12070
Mean 1.11
RMS 0.3895
size [# of strips]

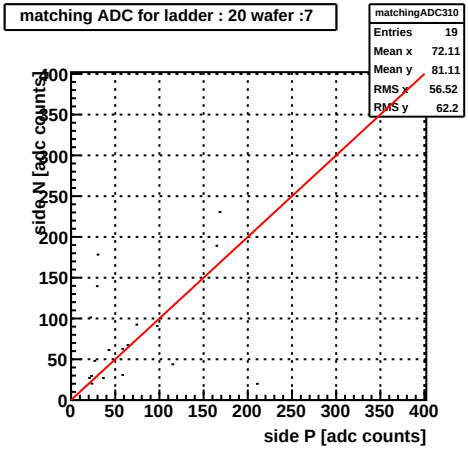

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 551
Mean x 73.75
Mean y 68.65
RMS x 57.61
RMS y 50.35
side N [adc counts]
side P [adc counts]

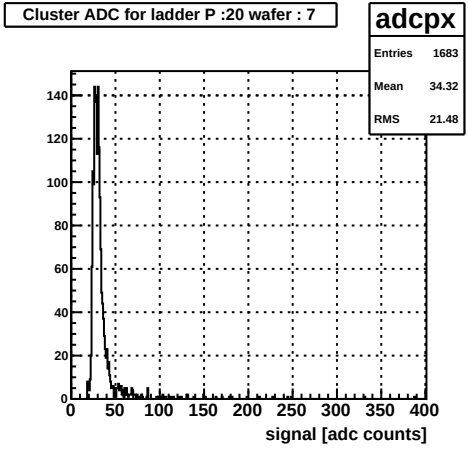

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1453
Mean 64.34
RMS 55.71
signal [adc counts]

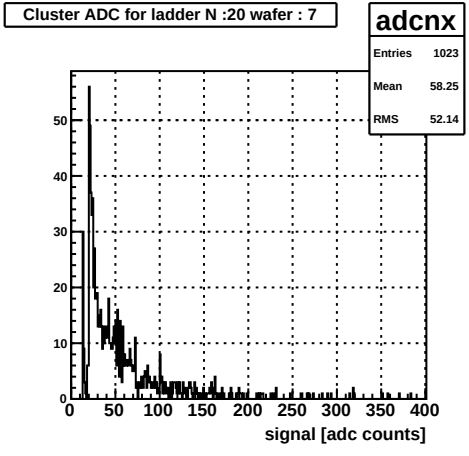

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 12070
Mean 24.55
RMS 25.24
signal [adc counts]

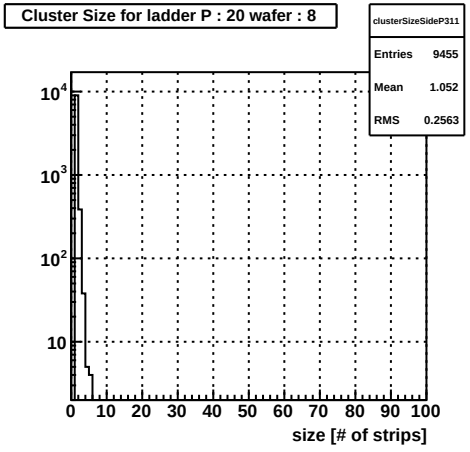

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1683
Mean 1.042
RMS 0.2301
size [# of strips]

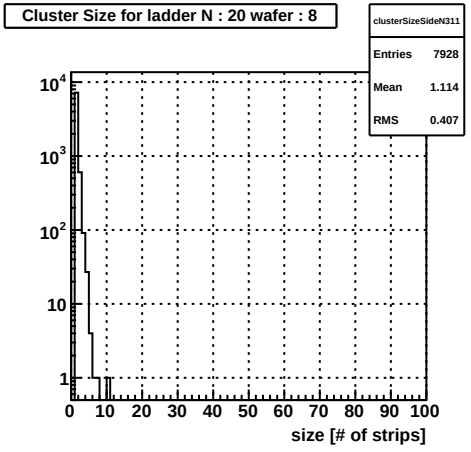

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1023
Mean 1.265
RMS 0.5775
size [# of strips]

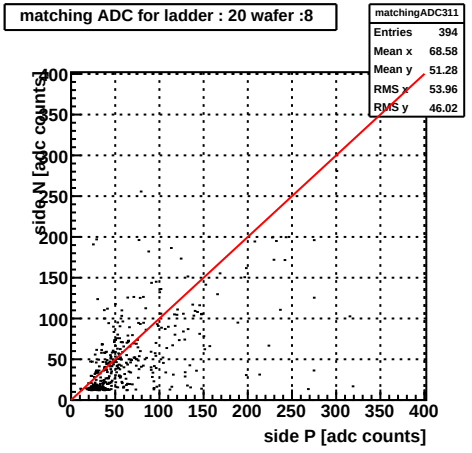

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 19
Mean x 72.11
Mean y 81.11
RMS x 56.52
RMS y 62.2
side N [adc counts]
side P [adc counts]

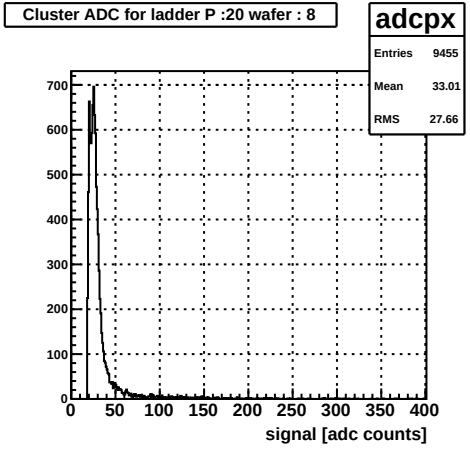

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1683
Mean 34.32
RMS 21.48
signal [adc counts]

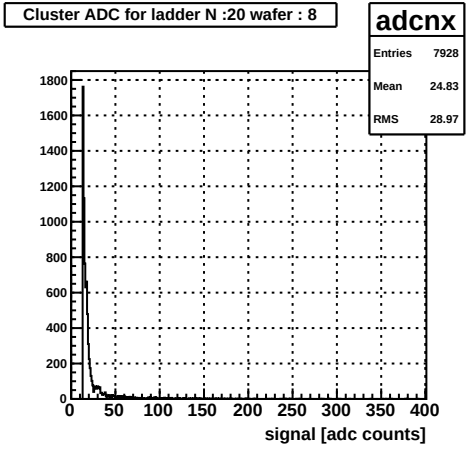

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1023
Mean 58.25
RMS 52.14
signal [adc counts]

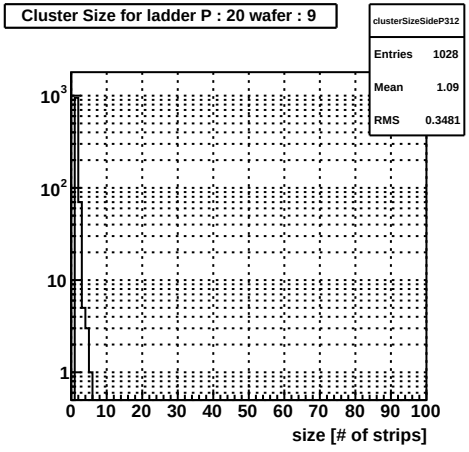

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 9455
Mean 1.052
RMS 0.2563
size [# of strips]

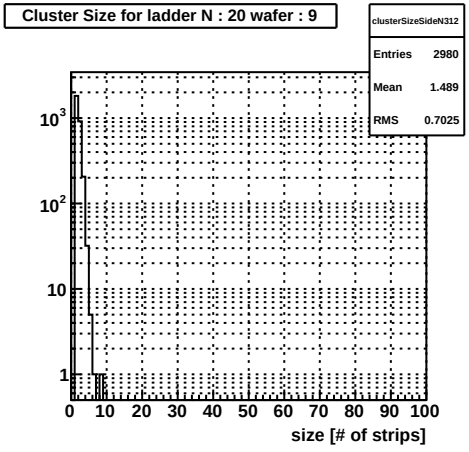

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 7928
Mean 1.114
RMS 0.407
size [# of strips]

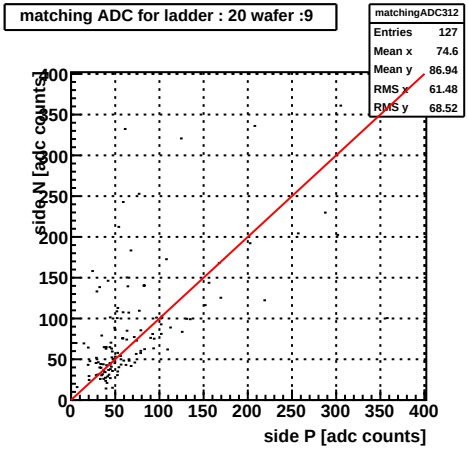

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 394
Mean x 68.58
Mean y 51.28
RMS x 53.96
RMS y 46.02
side N [adc counts]
side P [adc counts]

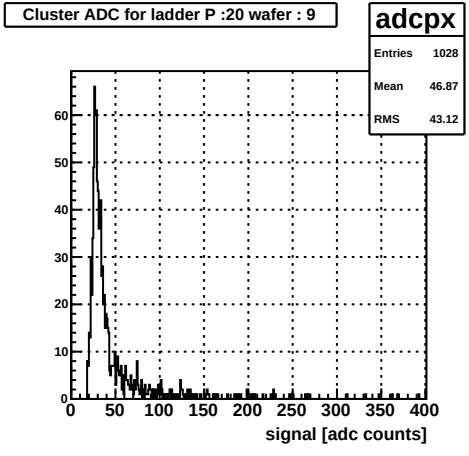

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 9455
Mean 33.01
RMS 27.66
signal [adc counts]

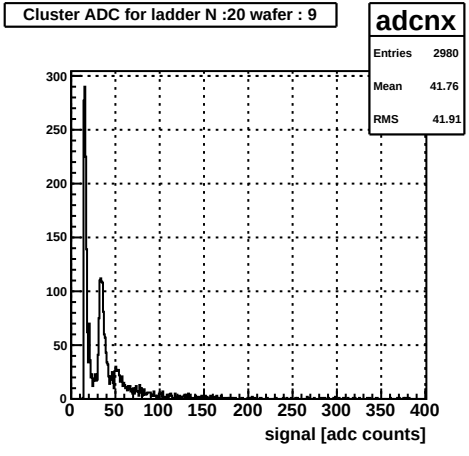

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 7928
Mean 24.83
RMS 28.97
signal [adc counts]

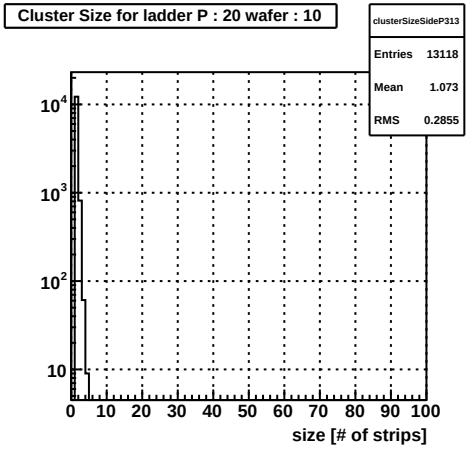

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1028
Mean 1.09
RMS 0.3481
size [# of strips]

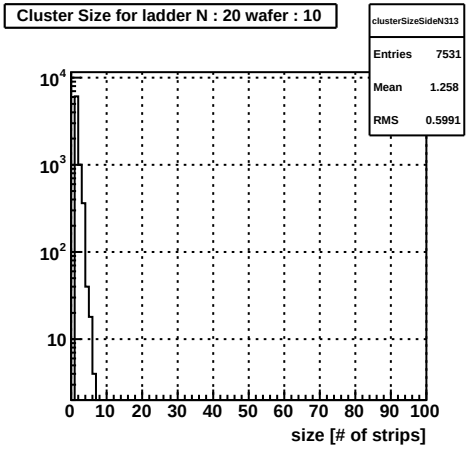

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2980
Mean 1.489
RMS 0.7025
size [# of strips]

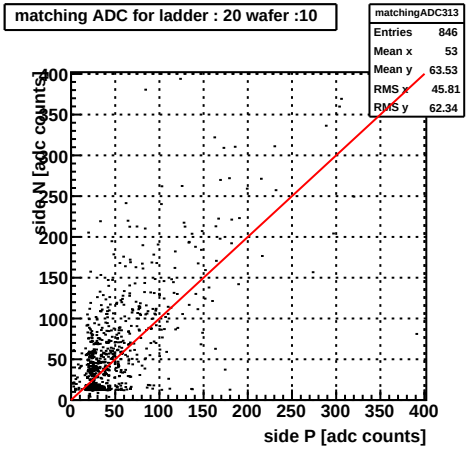

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 127
Mean x 74.6
Mean y 86.94
RMS x 61.48
RMS y 68.52
side N [adc counts]
side P [adc counts]

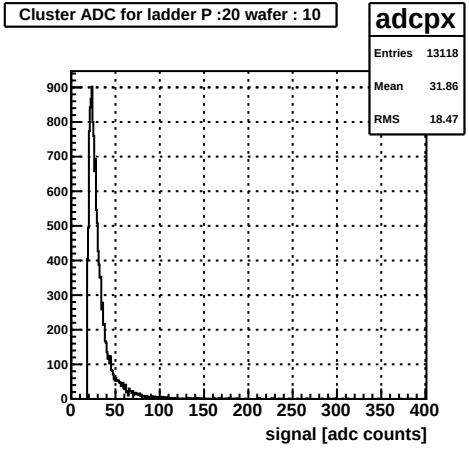

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1028
Mean 46.87
RMS 43.12
signal [adc counts]

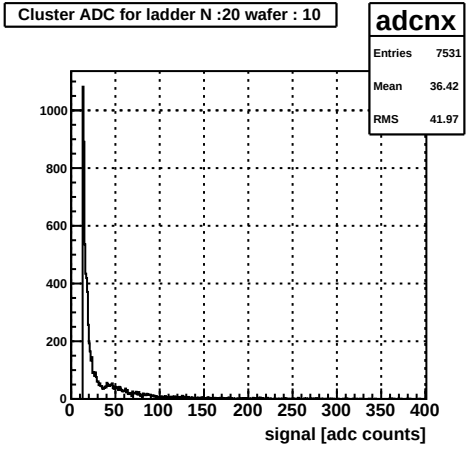

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2980
Mean 41.76
RMS 41.91
signal [adc counts]

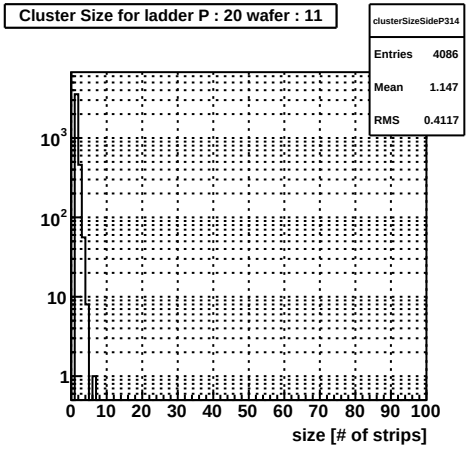

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13118
Mean 1.073
RMS 0.2855
size [# of strips]

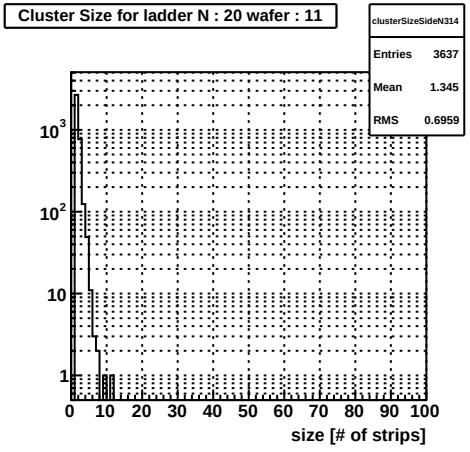

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7531
Mean 1.258
RMS 0.5991
size [# of strips]

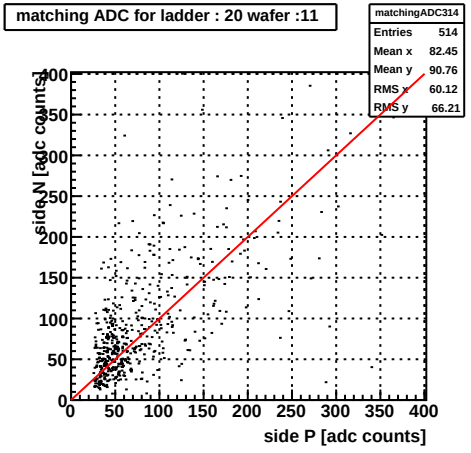

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 846
Mean x 53
Mean y 63.53
RMS x 45.81
RMS y 62.34
side N [adc counts]
side P [adc counts]

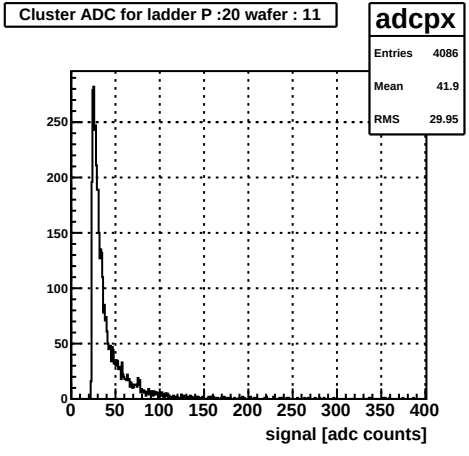

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13118
Mean 31.86
RMS 18.47
signal [adc counts]

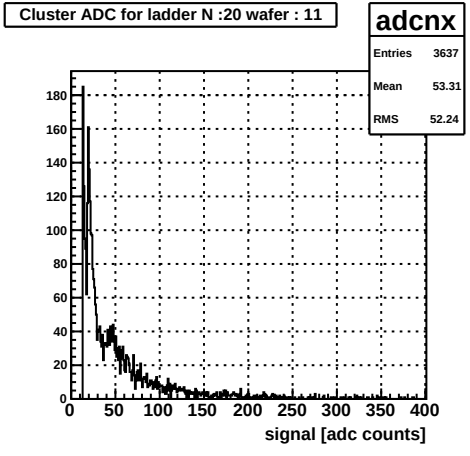

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7531
Mean 36.42
RMS 41.97
signal [adc counts]

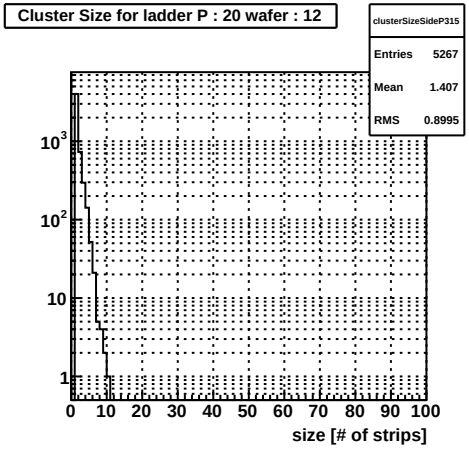

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4086
Mean 1.147
RMS 0.4117
size [# of strips]

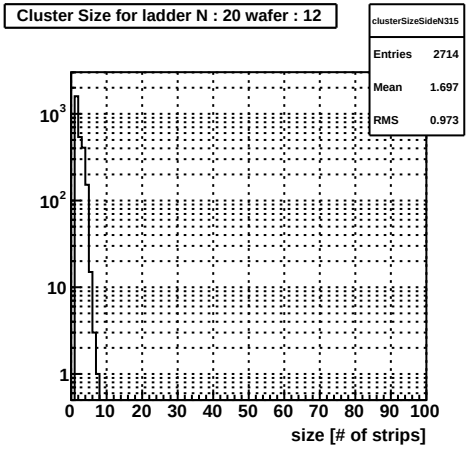

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3637
Mean 1.345
RMS 0.6959
size [# of strips]

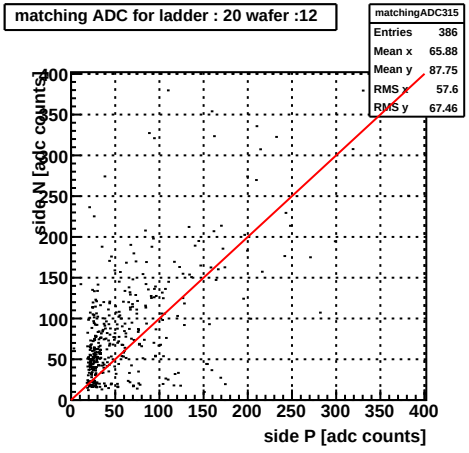

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 514
Mean x 82.45
Mean y 90.76
RMS x 60.12
RMS y 66.21
side N [adc counts]
side P [adc counts]

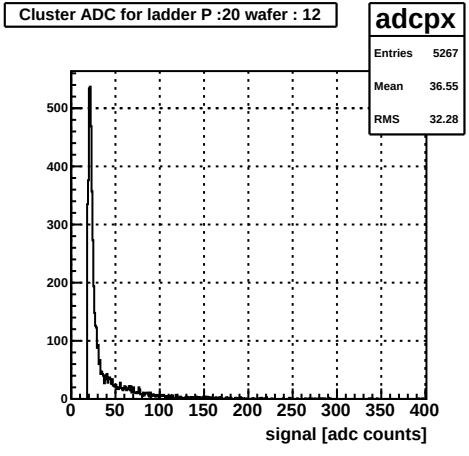

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4086
Mean 41.9
RMS 29.95
signal [adc counts]

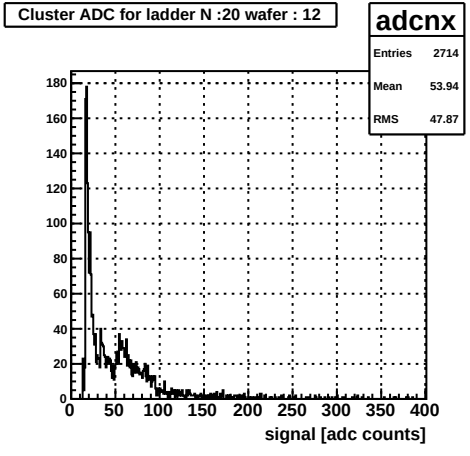

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3637
Mean 53.31
RMS 52.24
signal [adc counts]

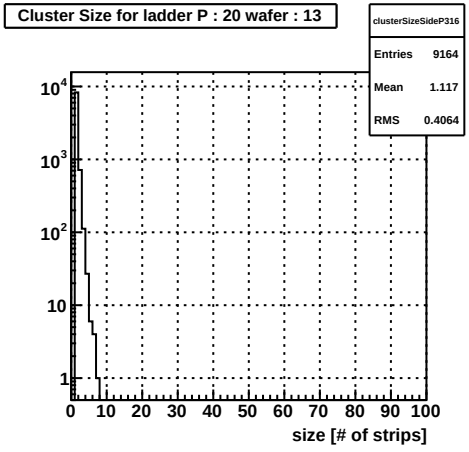

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5267
Mean 1.407
RMS 0.8995
size [# of strips]

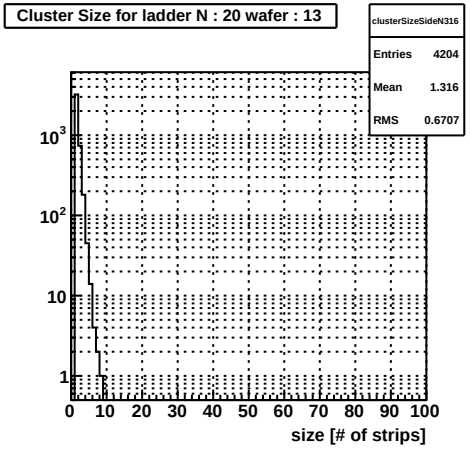

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2714
Mean 1.697
RMS 0.973
size [# of strips]

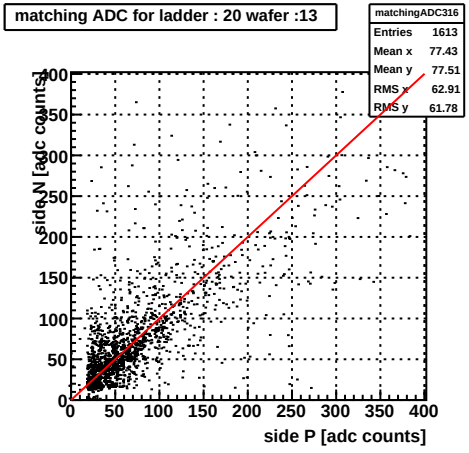

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 386
Mean x 65.88
Mean y 87.75
RMS x 57.6
RMS y 67.46
side N [adc counts]
side P [adc counts]

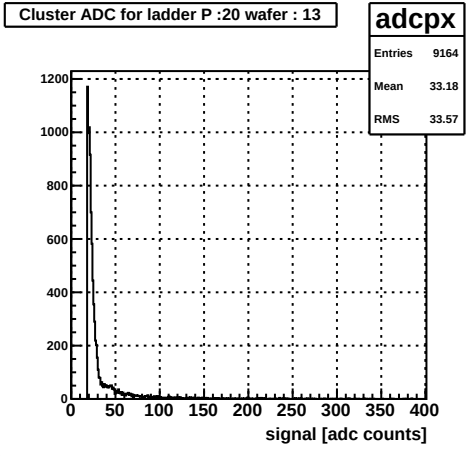

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5267
Mean 36.55
RMS 32.28
signal [adc counts]

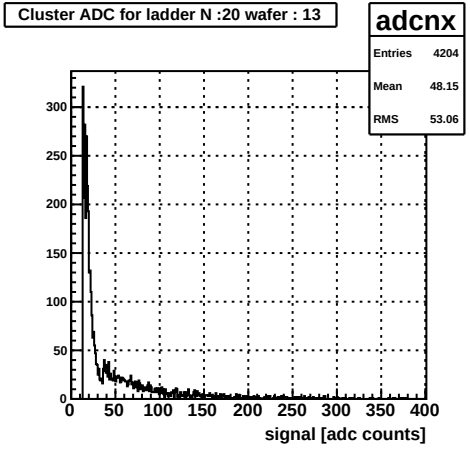

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2714
Mean 53.94
RMS 47.87
signal [adc counts]

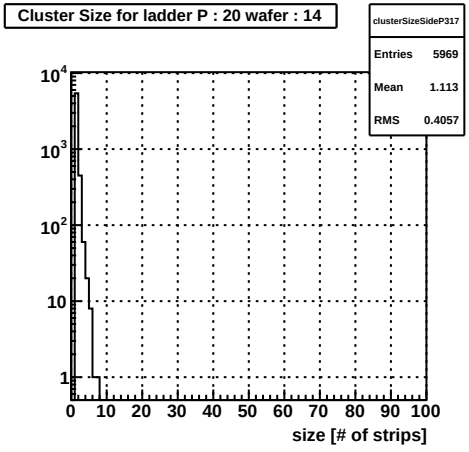

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9164
Mean 1.117
RMS 0.4064
size [# of strips]

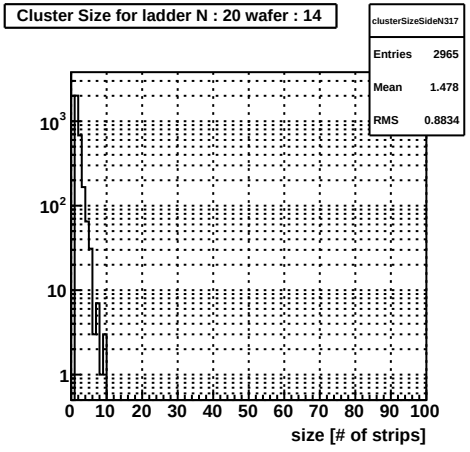

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4204
Mean 1.316
RMS 0.6707
size [# of strips]

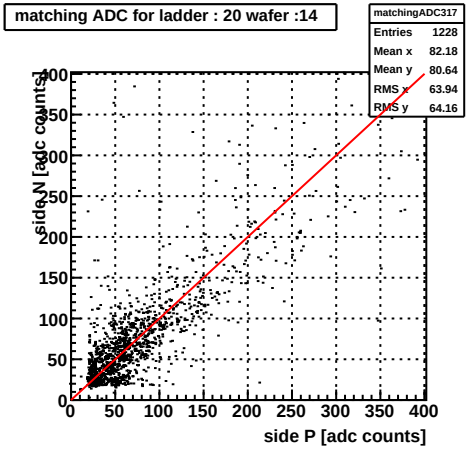

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1613
Mean x 77.43
Mean y 77.51
RMS x 62.91
RMS y 61.78
side N [adc counts]
side P [adc counts]

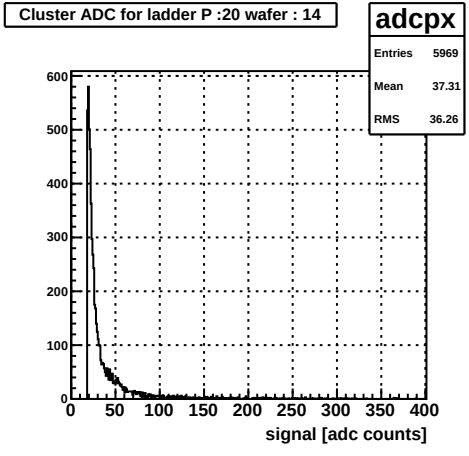

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9164
Mean 33.18
RMS 33.57
signal [adc counts]

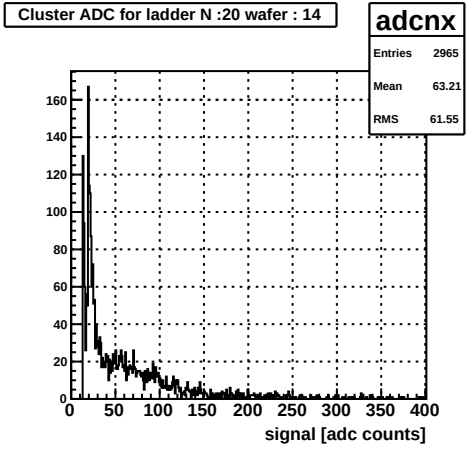

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4204
Mean 48.15
RMS 53.06
signal [adc counts]

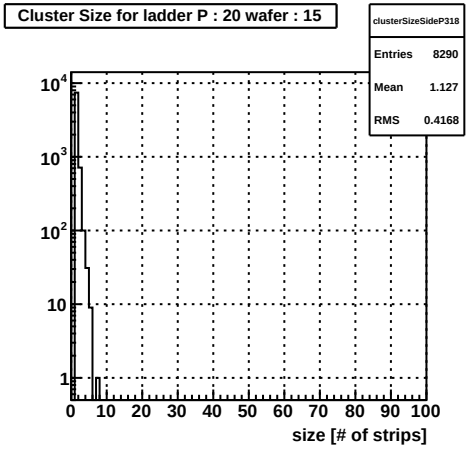

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 5969
Mean 1.113
RMS 0.4057
size [# of strips]

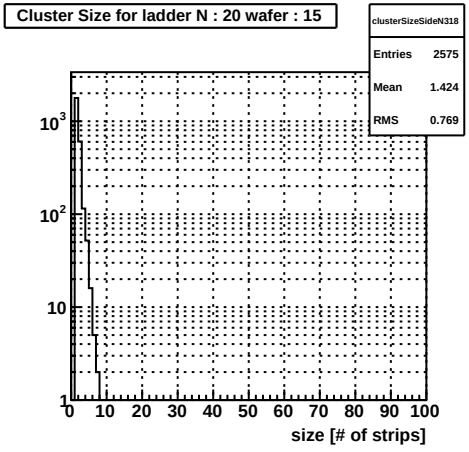

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2965
Mean 1.478
RMS 0.8834
size [# of strips]

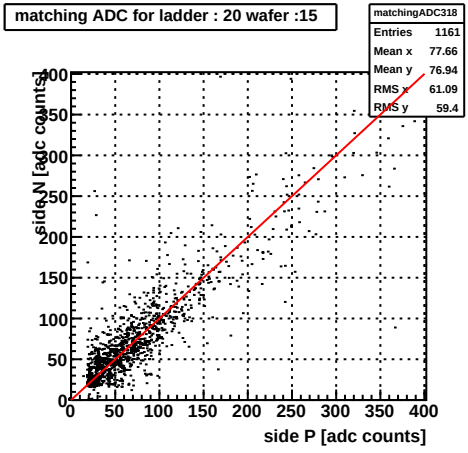

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1228
Mean x 82.18
Mean y 80.64
RMS x 63.94
RMS y 64.16
side N [adc counts]
side P [adc counts]

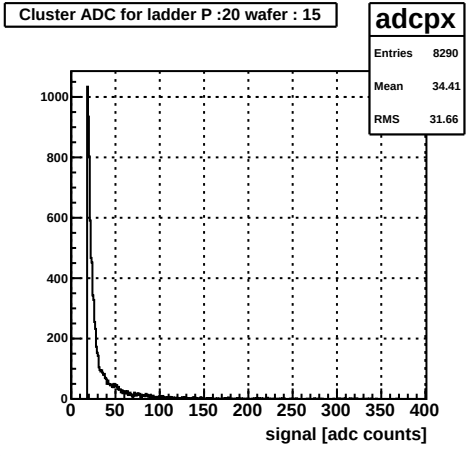

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 5969
Mean 37.31
RMS 36.26
signal [adc counts]

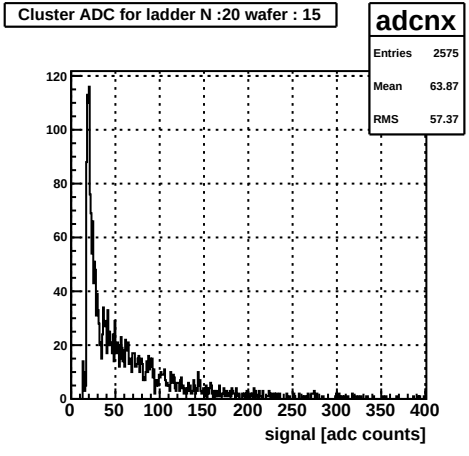

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2965
Mean 63.21
RMS 61.55
signal [adc counts]

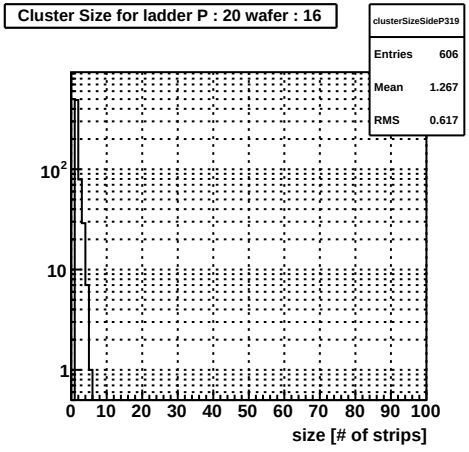

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8290
Mean 1.127
RMS 0.4168
size [# of strips]

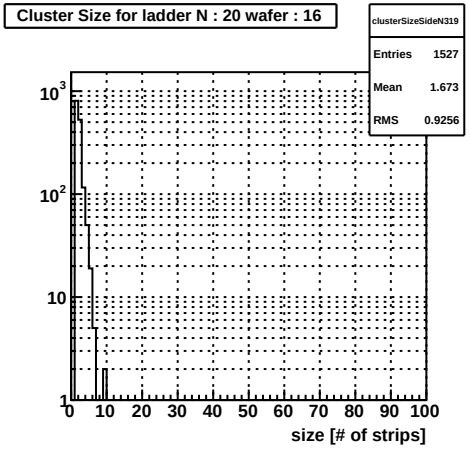

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2575
Mean 1.424
RMS 0.769
size [# of strips]

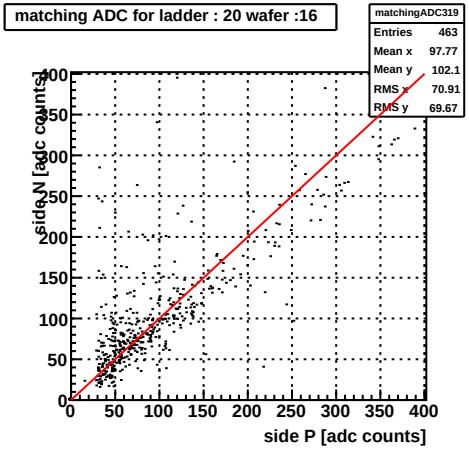

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1161
Mean x 77.66
Mean y 76.94
RMS x 61.09
RMS y 59.4
side N [adc counts]
side P [adc counts]

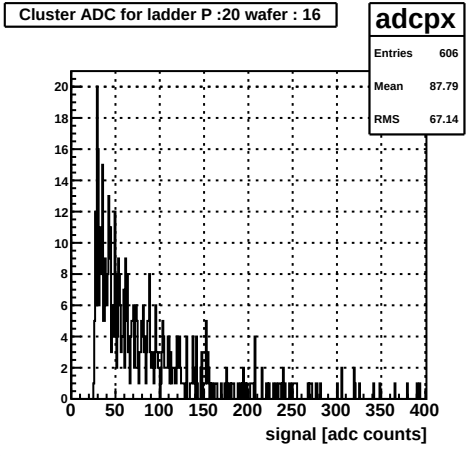

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8290
Mean 34.41
RMS 31.66
signal [adc counts]

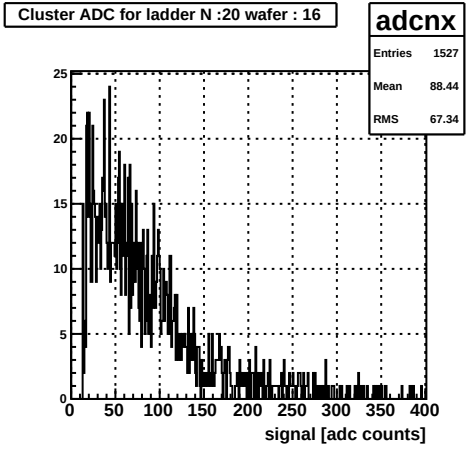

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2575
Mean 63.87
RMS 57.37
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 606
Mean 1.267
RMS 0.617
size [# of strips]

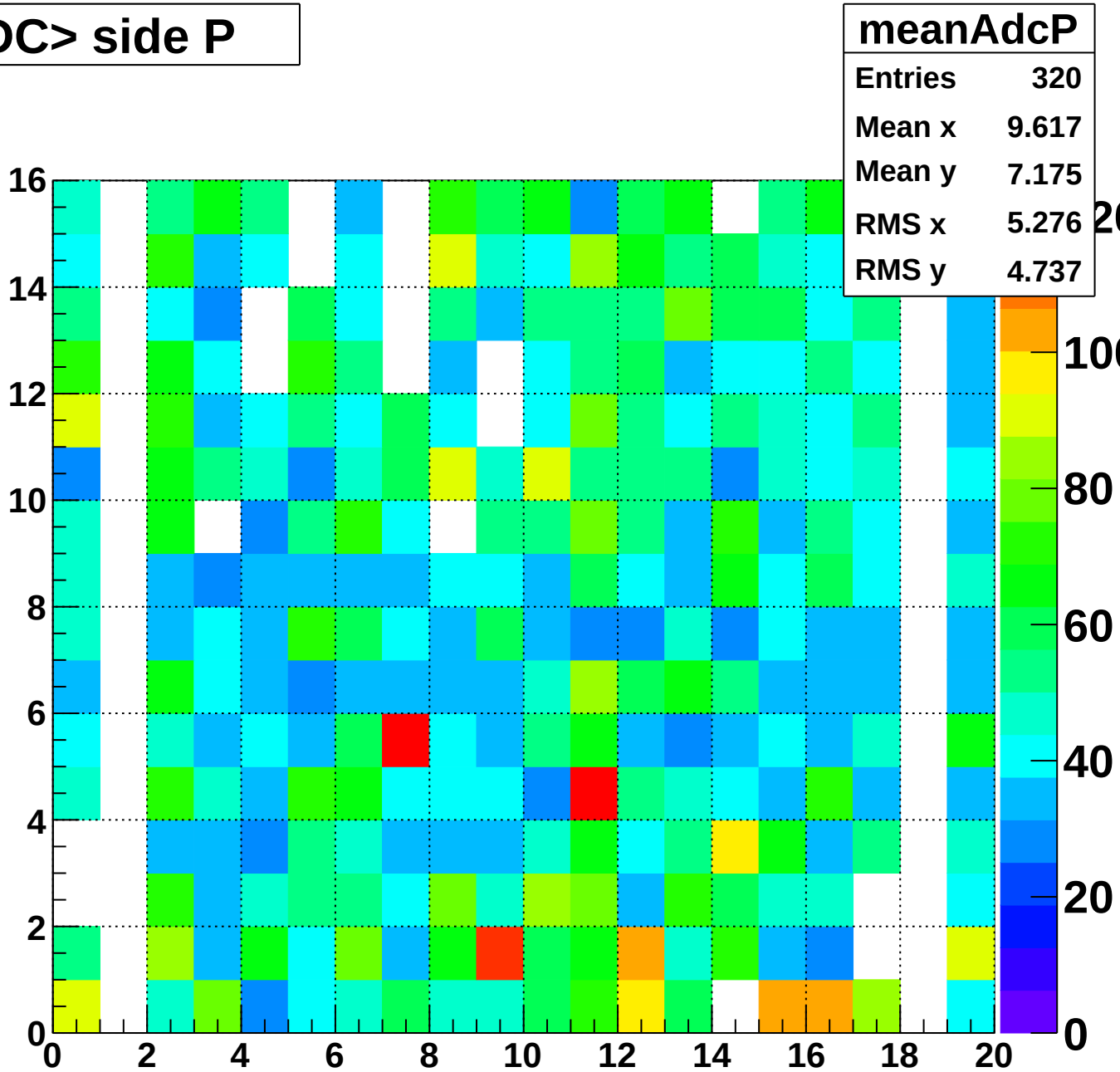

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1527
Mean 1.673
RMS 0.9256
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 463
Mean x 97.77
Mean y 102.1
RMS x 70.91
RMS y 69.67
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 606
Mean 87.79
RMS 67.14
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1527
Mean 88.44
RMS 67.34
signal [adc counts]

<ADC> side P



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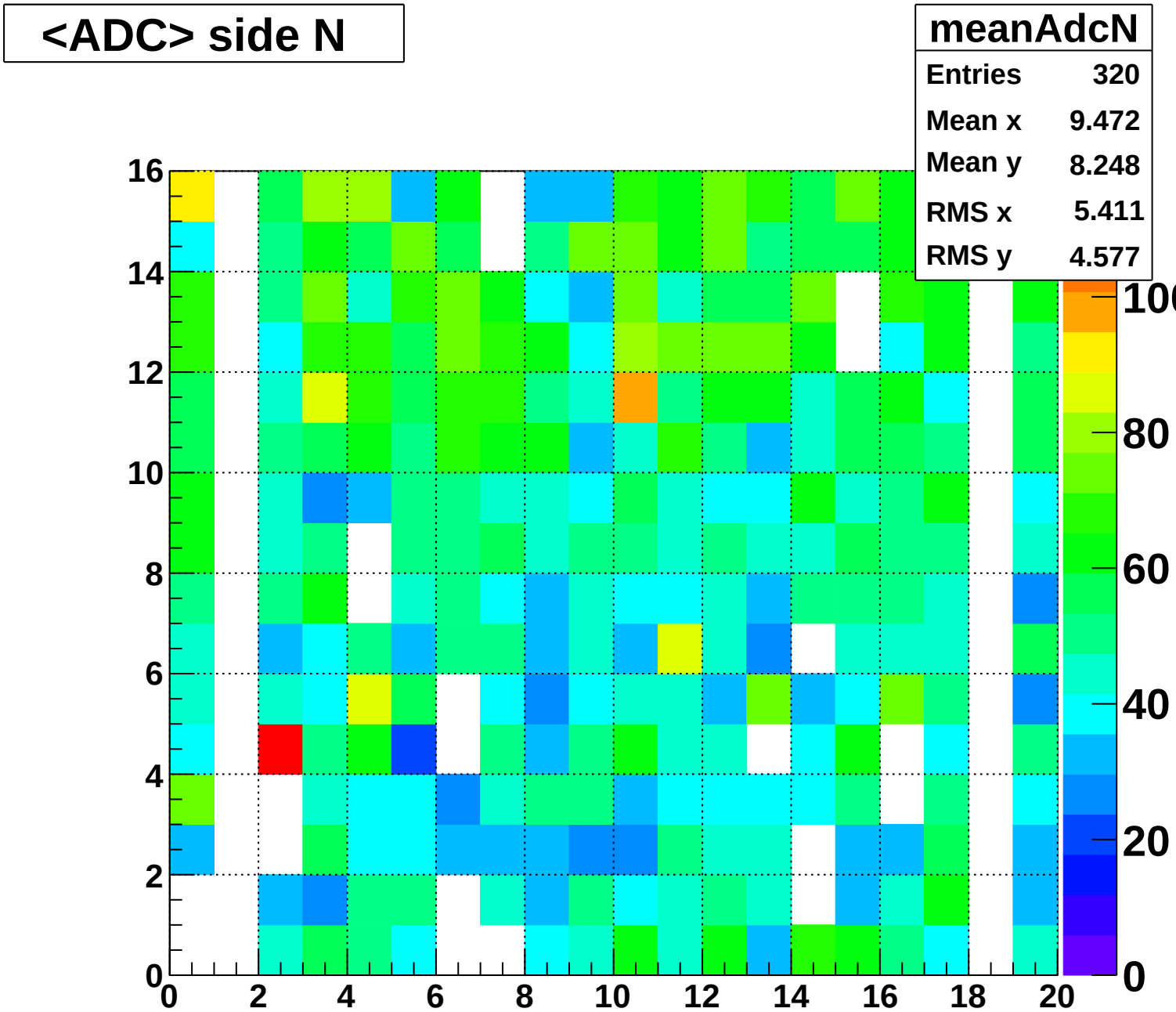

2016-05-19 18:46:47