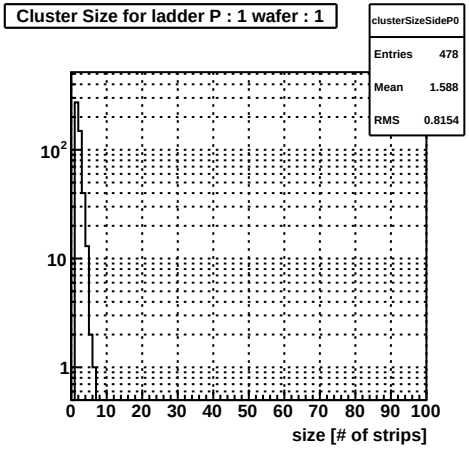
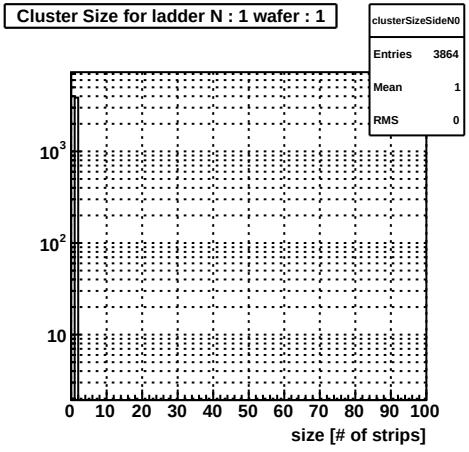
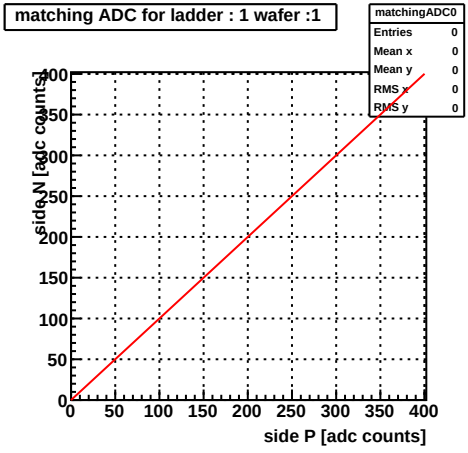
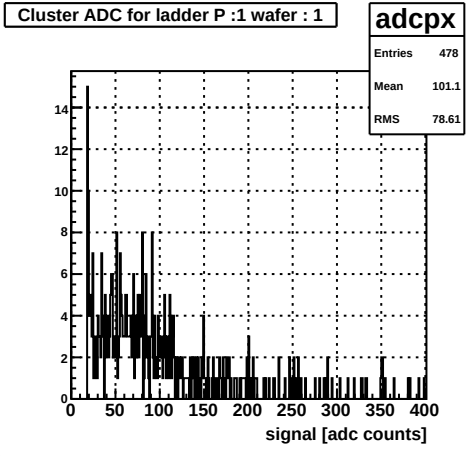
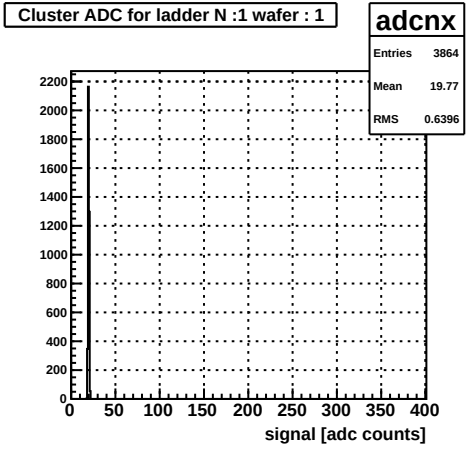
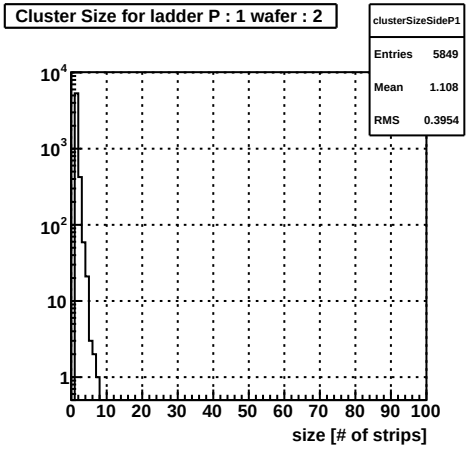

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 478
Mean 1.588
RMS 0.8154
size [# of strips]

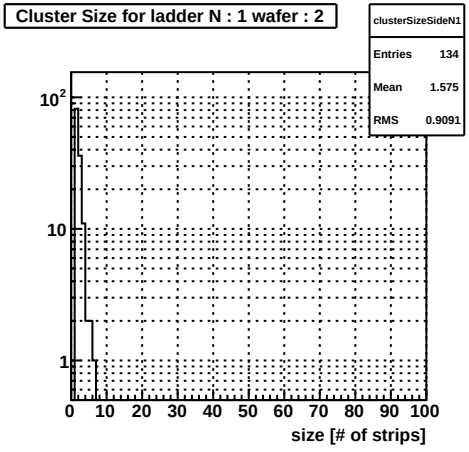

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3864
Mean 1
RMS 0
size [# of strips]

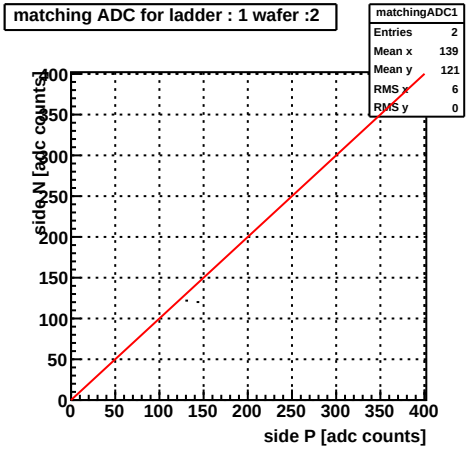

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

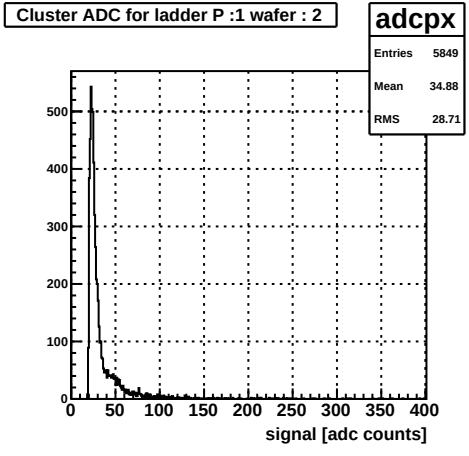

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 478
Mean 101.1
RMS 78.61
signal [adc counts]

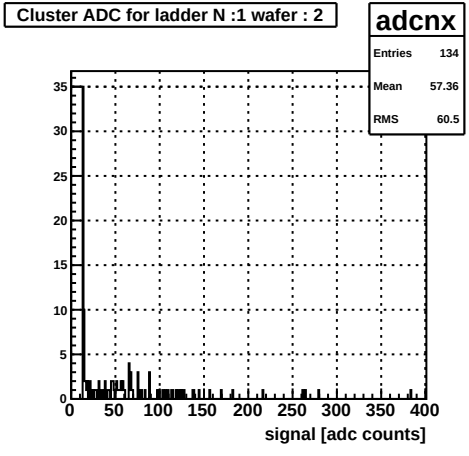

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3864
Mean 19.77
RMS 0.6396
signal [adc counts]

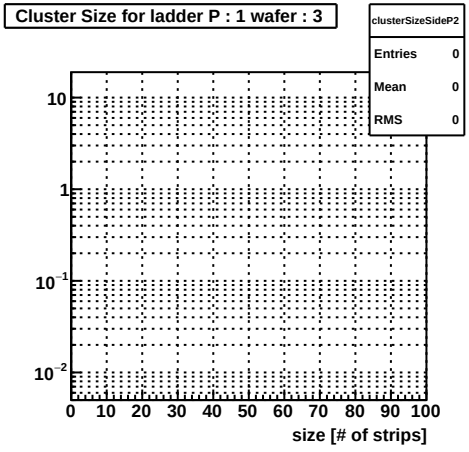

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5849
Mean 1.108
RMS 0.3954
size [# of strips]

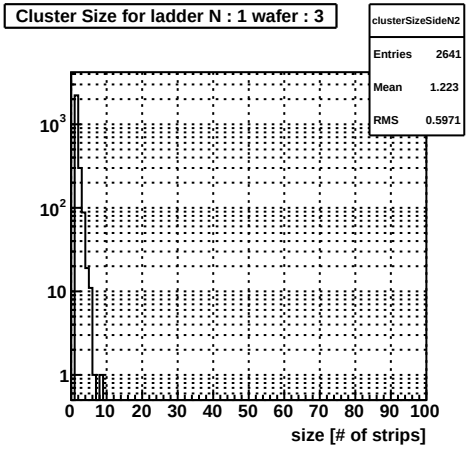

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 134
Mean 1.575
RMS 0.9091
size [# of strips]

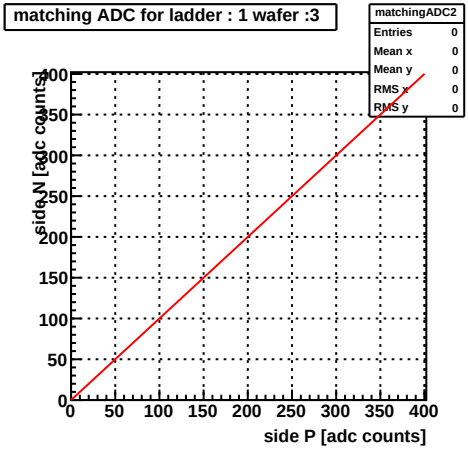

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 139
Mean y 121
RMS x 6
RMS y 0
side N [adc counts]
side P [adc counts]

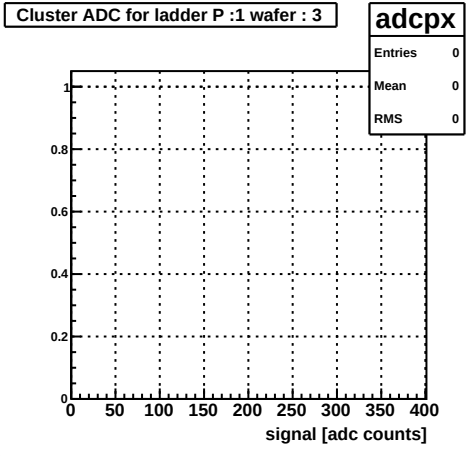

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5849
Mean 34.88
RMS 28.71
signal [adc counts]

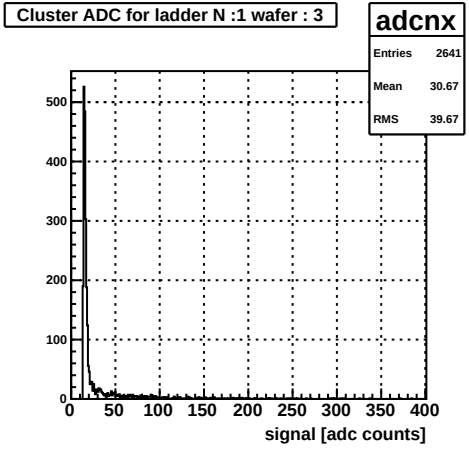

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 134
Mean 57.36
RMS 60.5
signal [adc counts]

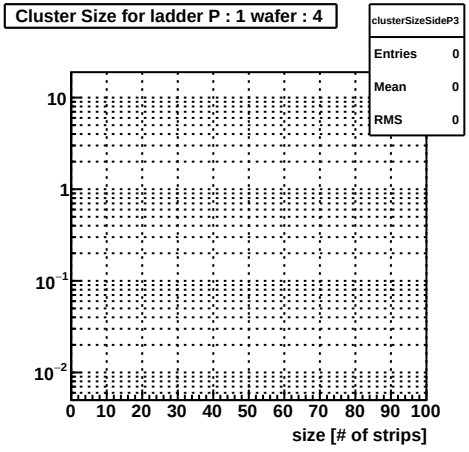

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

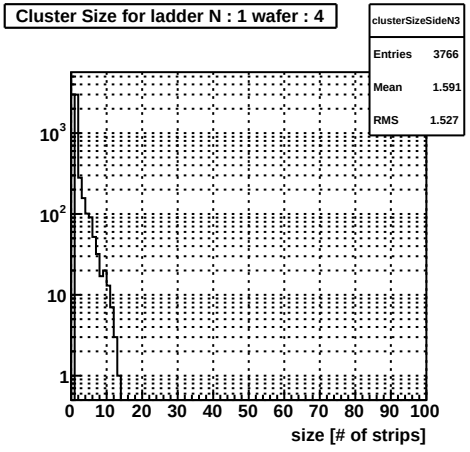

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2641
Mean 1.223
RMS 0.5971
size [# of strips]

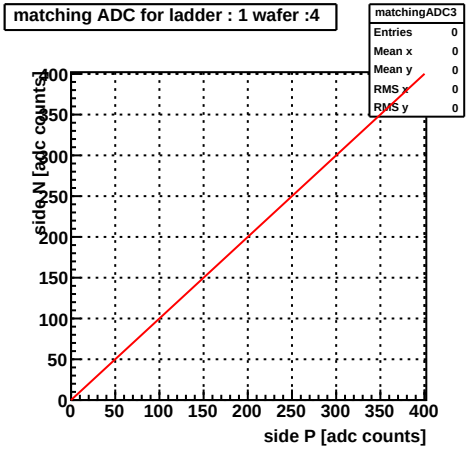

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

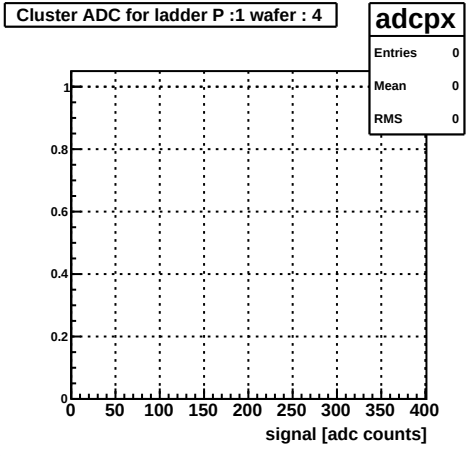

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

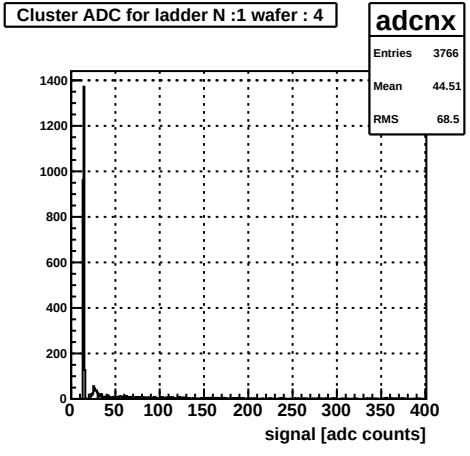

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2641
Mean 30.67
RMS 39.67
signal [adc counts]

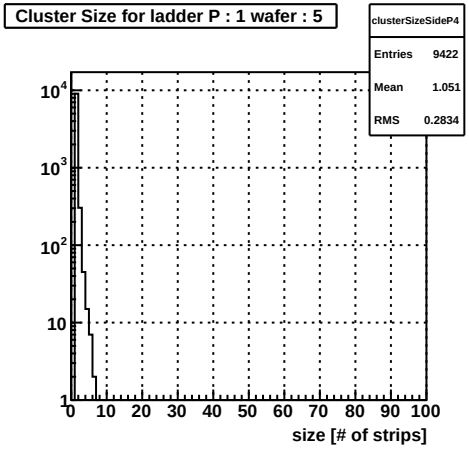

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

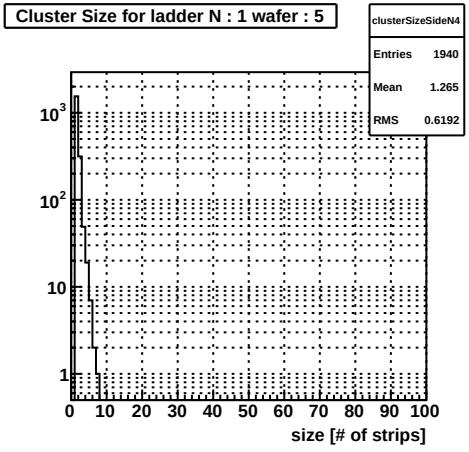

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3766
Mean 1.591
RMS 1.527
size [# of strips]

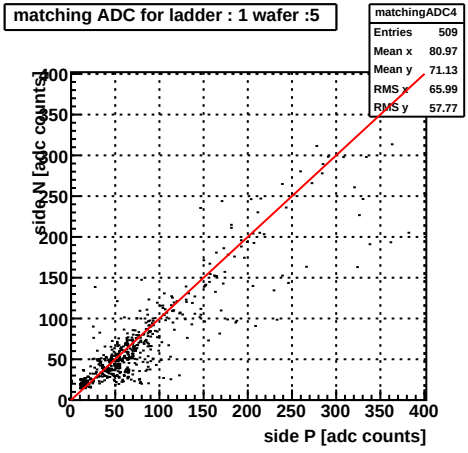

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

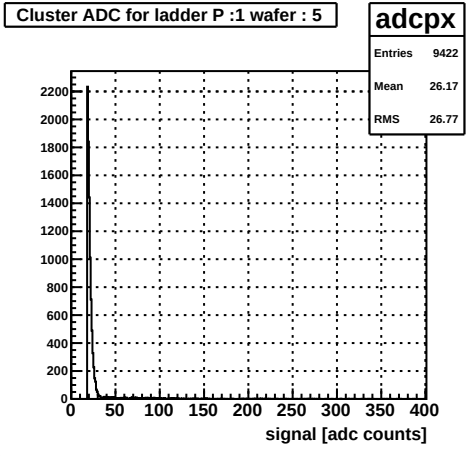

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

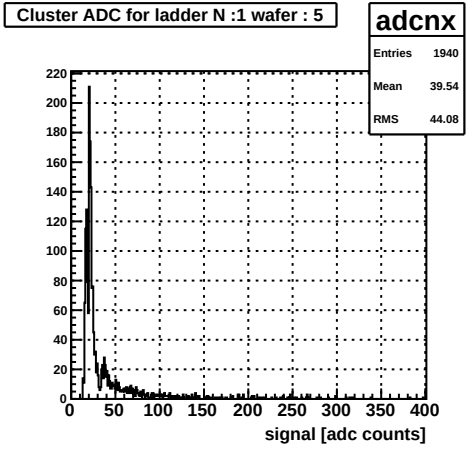

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3766
Mean 44.51
RMS 68.5
signal [adc counts]

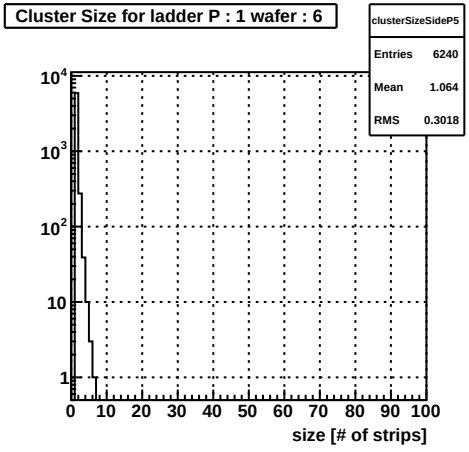

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9422
Mean 1.051
RMS 0.2834
size [# of strips]

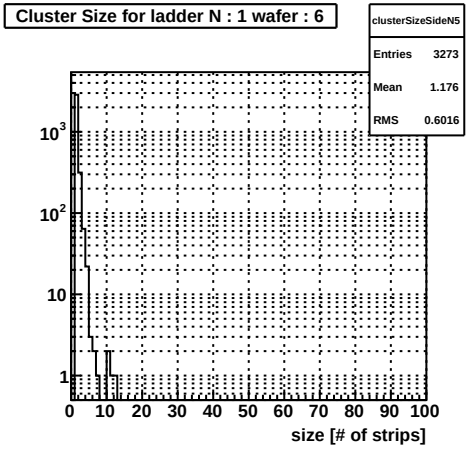

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1940
Mean 1.265
RMS 0.6192
size [# of strips]

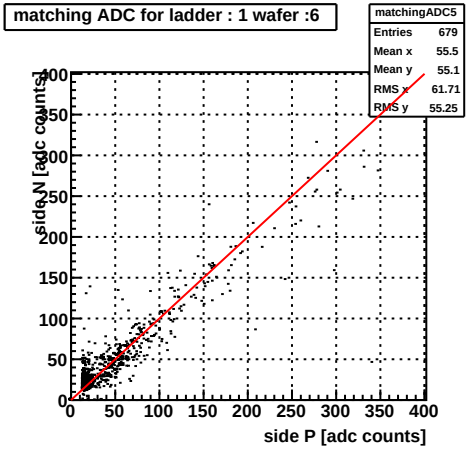

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 509
Mean x 80.97
Mean y 71.13
RMS x 65.99
RMS y 57.77
side N [adc counts]
side P [adc counts]

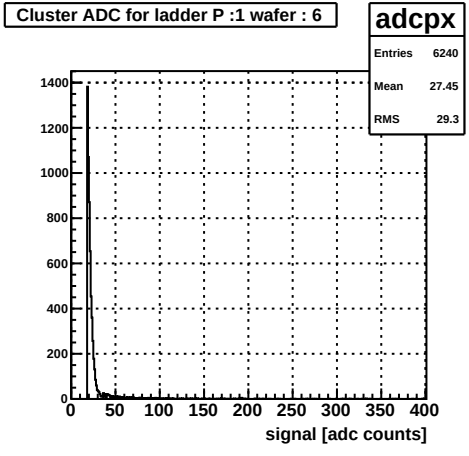

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9422
Mean 26.17
RMS 26.77
signal [adc counts]

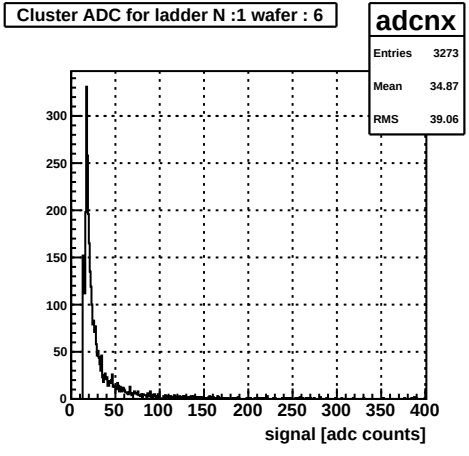

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1940
Mean 39.54
RMS 44.08
signal [adc counts]

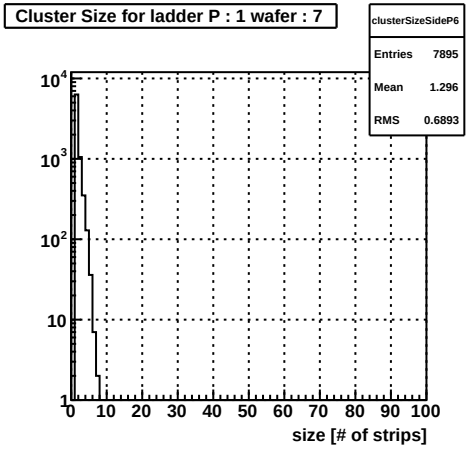

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6240
Mean 1.064
RMS 0.3018
size [# of strips]

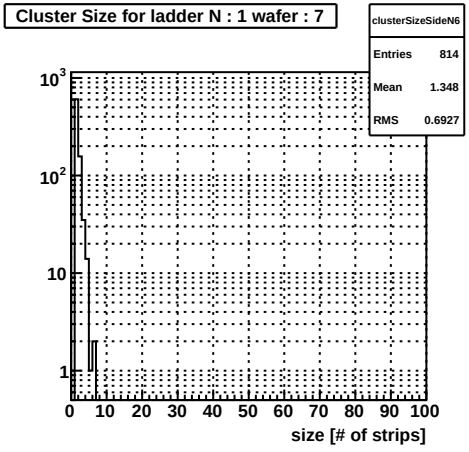

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 3273
Mean 1.176
RMS 0.6016
size [# of strips]

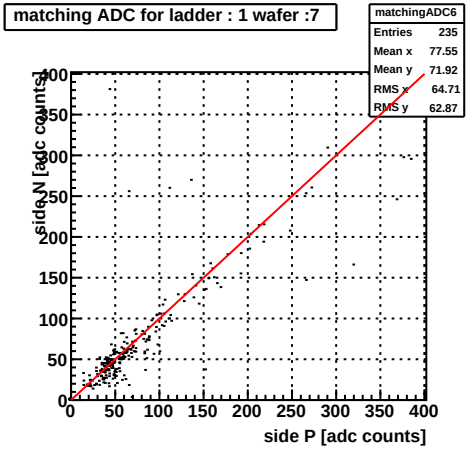

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 679
Mean x 55.5
Mean y 55.1
RMS x 61.71
RMS y 55.25
side N [adc counts]
side P [adc counts]

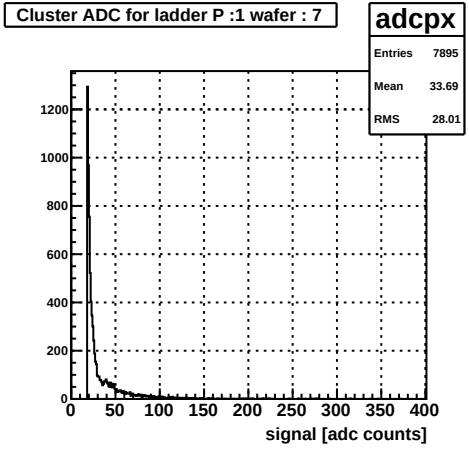

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6240
Mean 27.45
RMS 29.3
signal [adc counts]

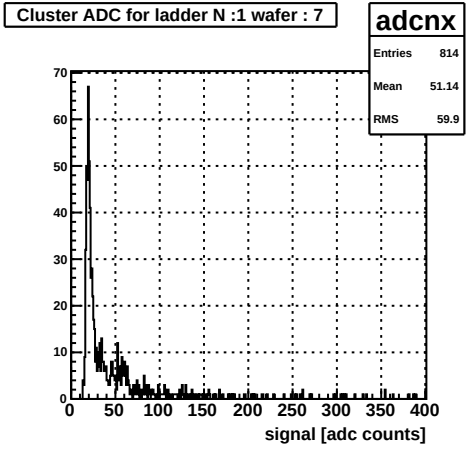

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 3273
Mean 34.87
RMS 39.06
signal [adc counts]

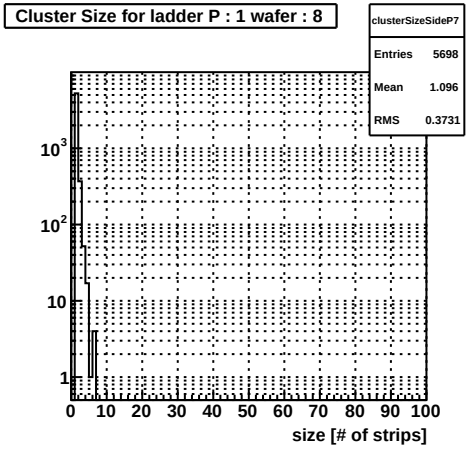

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 7895
Mean 1.296
RMS 0.6893
size [# of strips]

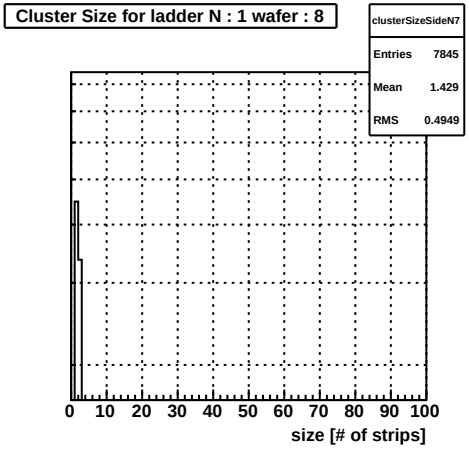

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 814
Mean 1.348
RMS 0.6927
size [# of strips]

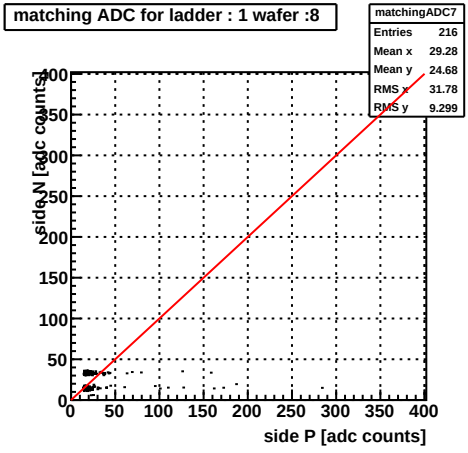

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 235
Mean x 77.55
Mean y 71.92
RMS x 64.71
RMS y 62.87
side N [adc counts]
side P [adc counts]

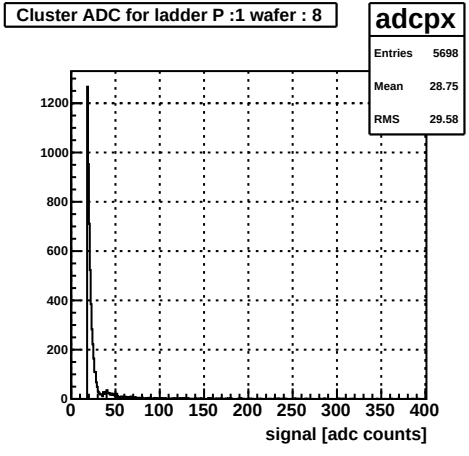

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 7895
Mean 33.69
RMS 28.01
signal [adc counts]

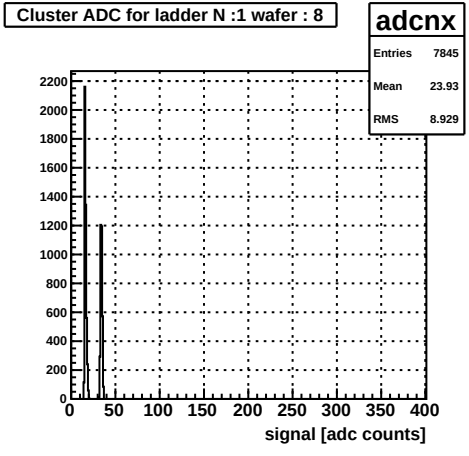

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 814
Mean 51.14
RMS 59.9
signal [adc counts]

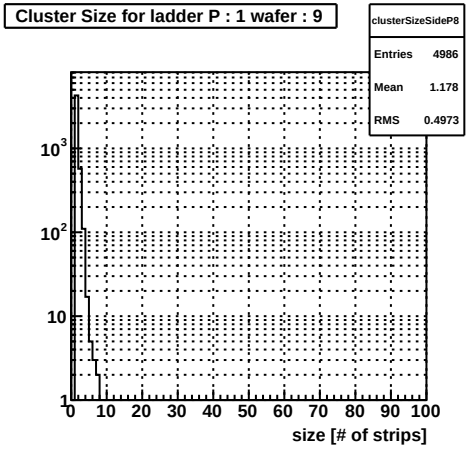

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5698
Mean 1.096
RMS 0.3731
size [# of strips]

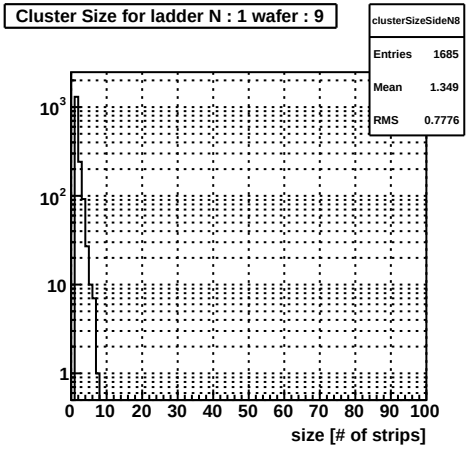

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7845
Mean 1.429
RMS 0.4949
size [# of strips]

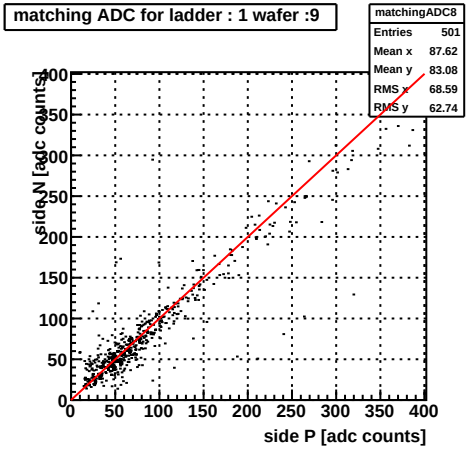

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 216
Mean x 29.28
Mean y 24.68
RMS x 31.78
RMS y 9.299
side N [adc counts]
side P [adc counts]

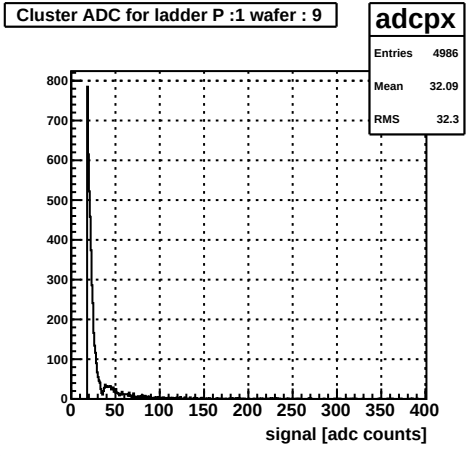

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5698
Mean 28.75
RMS 29.58
signal [adc counts]

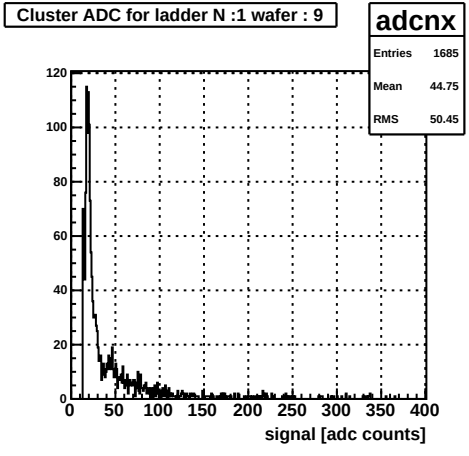

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7845
Mean 23.93
RMS 8.929
signal [adc counts]

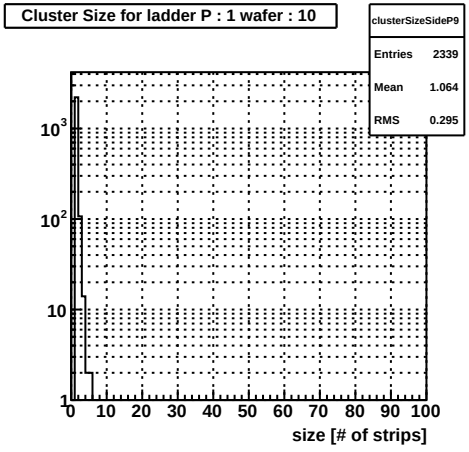

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4986
Mean 1.178
RMS 0.4973
size [# of strips]

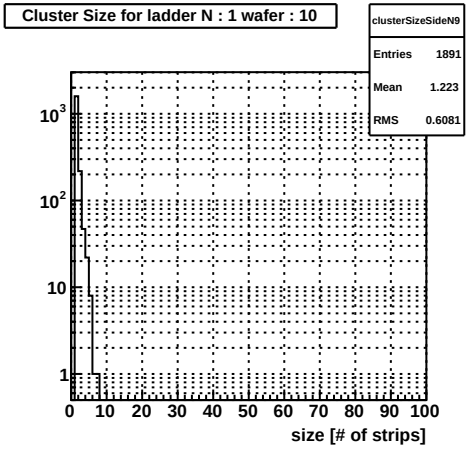

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1685
Mean 1.349
RMS 0.7776
size [# of strips]

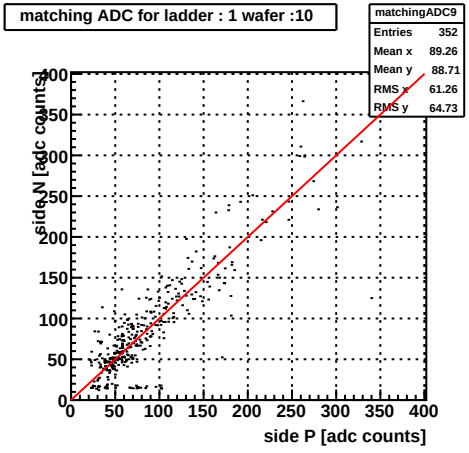

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 501
Mean x 87.62
Mean y 83.08
RMS x 68.59
RMS y 62.74
side N [adc counts]
side P [adc counts]

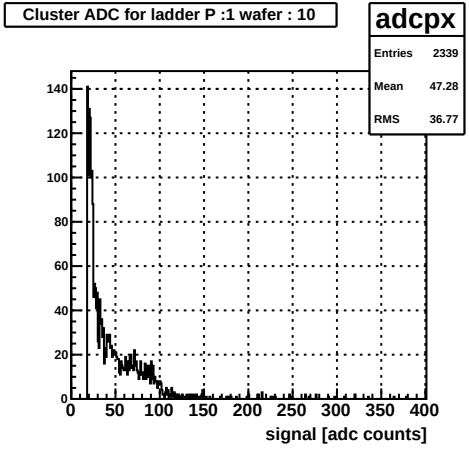

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4986
Mean 32.09
RMS 32.3
signal [adc counts]

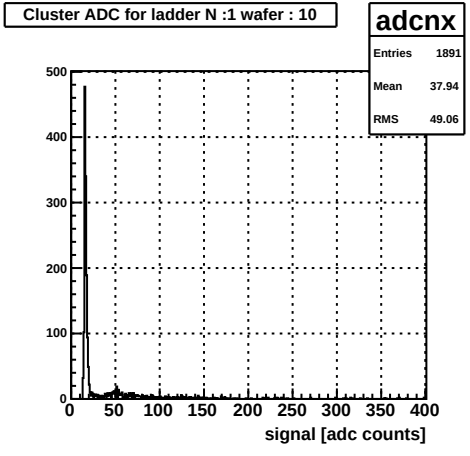

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1685
Mean 44.75
RMS 50.45
signal [adc counts]

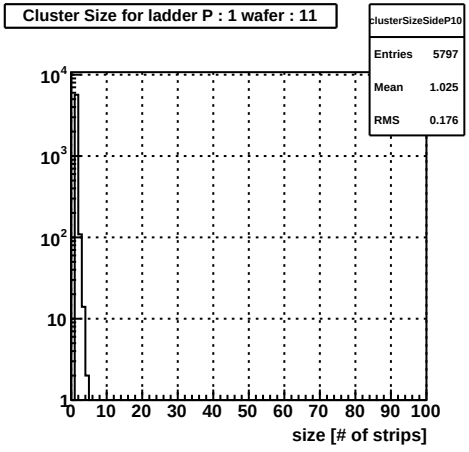

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2339
Mean 1.064
RMS 0.295
size [# of strips]

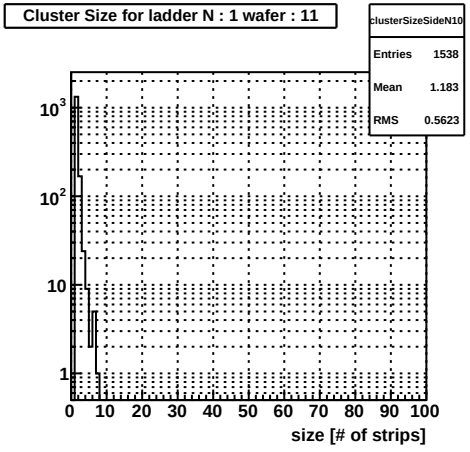

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1891
Mean 1.223
RMS 0.6081
size [# of strips]

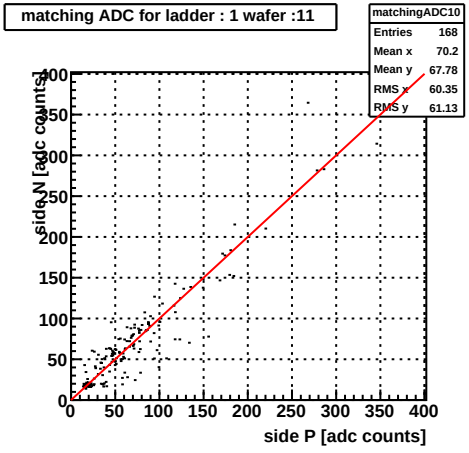

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 352
Mean x 89.26
Mean y 88.71
RMS x 61.26
RMS y 64.73
side N [adc counts]
side P [adc counts]

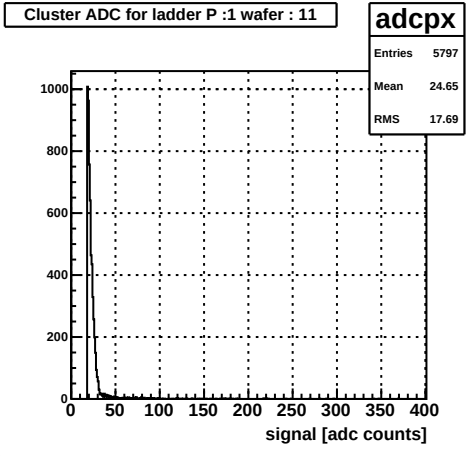

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2339
Mean 47.28
RMS 36.77
signal [adc counts]

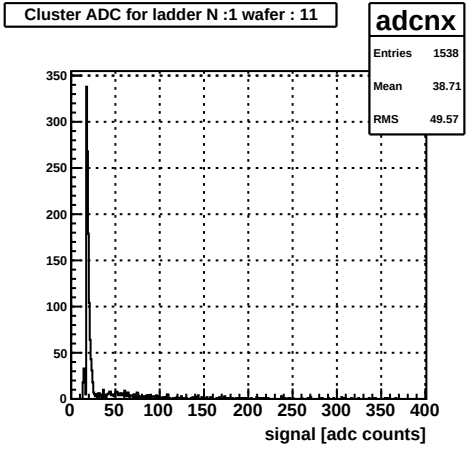

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1891
Mean 37.94
RMS 49.06
signal [adc counts]

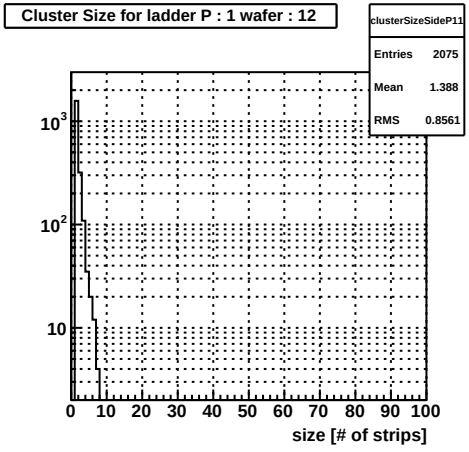

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5797
Mean 1.025
RMS 0.176
size [# of strips]

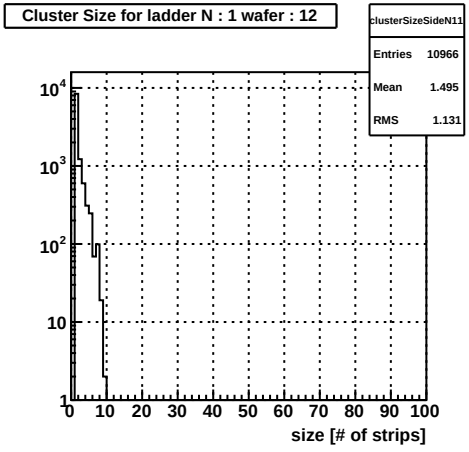

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1538
Mean 1.183
RMS 0.5623
size [# of strips]

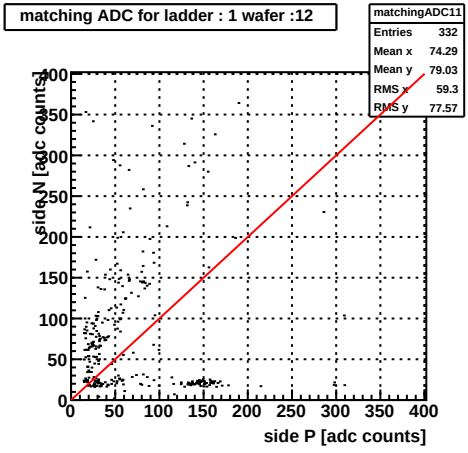

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 168
Mean x 70.2
Mean y 67.78
RMS x 60.35
RMS y 61.13
side N [adc counts]
side P [adc counts]

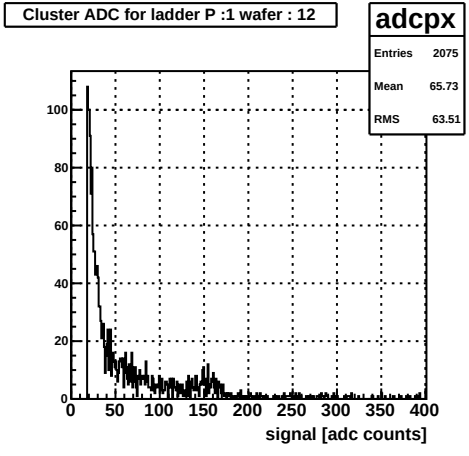

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5797
Mean 24.65
RMS 17.69
signal [adc counts]

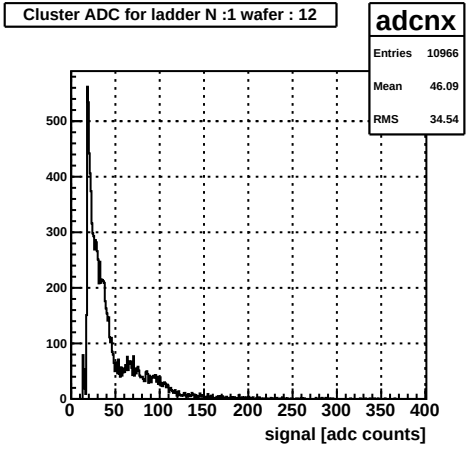

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1538
Mean 38.71
RMS 49.57
signal [adc counts]

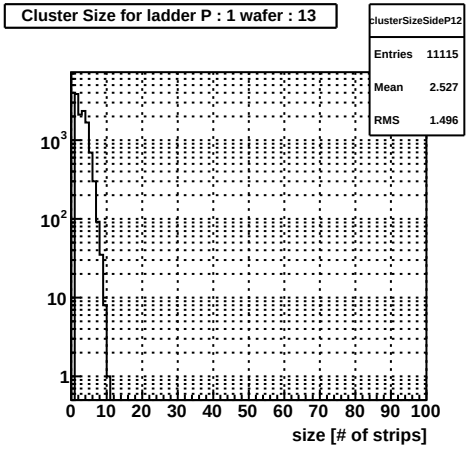

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2075
Mean 1.388
RMS 0.8561
size [# of strips]

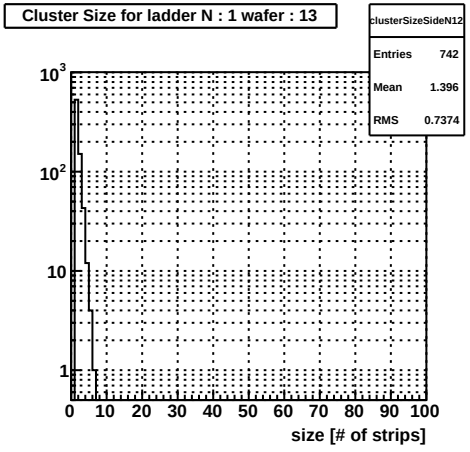

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 10966
Mean 1.495
RMS 1.131
size [# of strips]

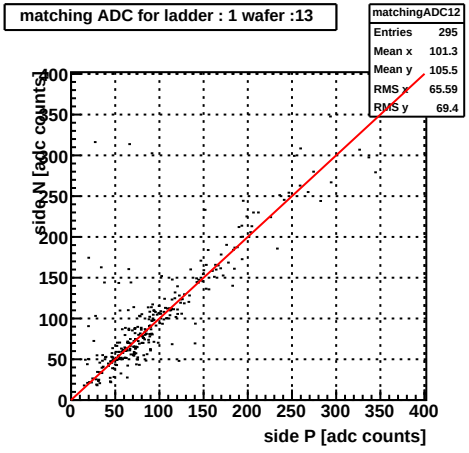

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 332
Mean x 74.29
Mean y 79.03
RMS x 59.3
RMS y 77.57
side N [adc counts]
side P [adc counts]

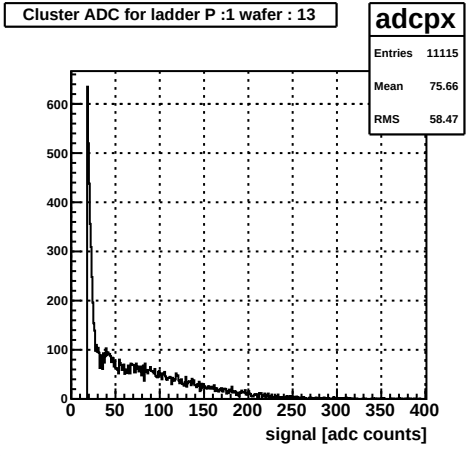

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2075
Mean 65.73
RMS 63.51
signal [adc counts]

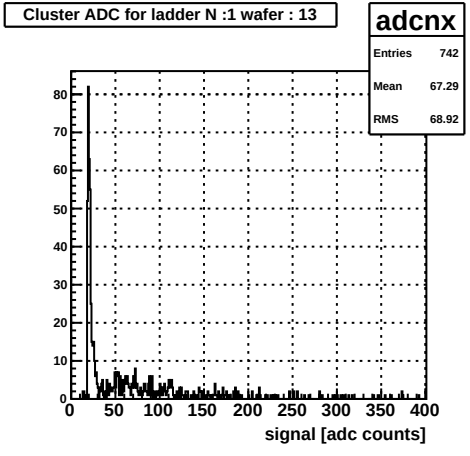

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 10966
Mean 46.09
RMS 34.54
signal [adc counts]

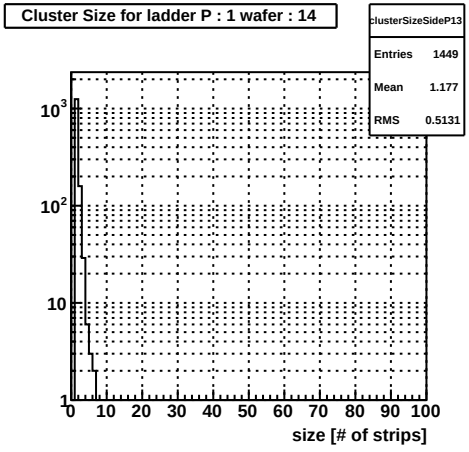

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11115
Mean 2.527
RMS 1.496
size [# of strips]

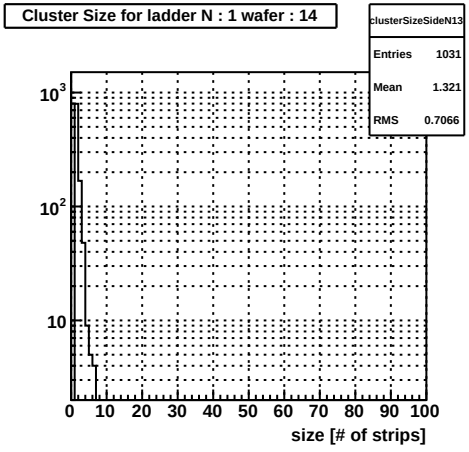

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 742
Mean 1.396
RMS 0.7374
size [# of strips]

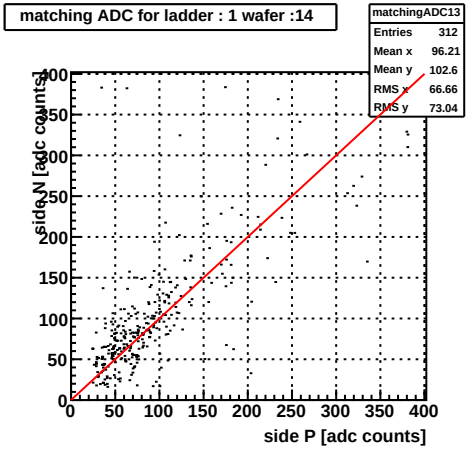

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 295
Mean x 101.3
Mean y 105.5
RMS x 65.59
RMS y 69.4
side N [adc counts]
side P [adc counts]

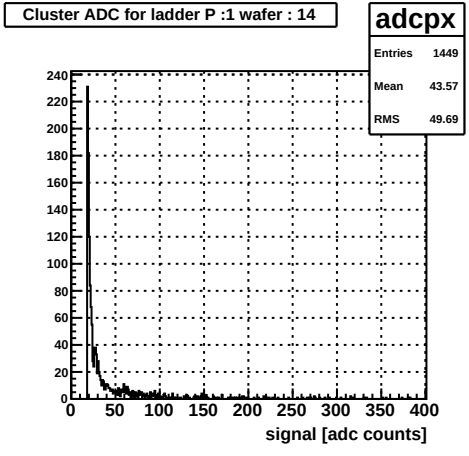

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11115
Mean 75.66
RMS 58.47
signal [adc counts]

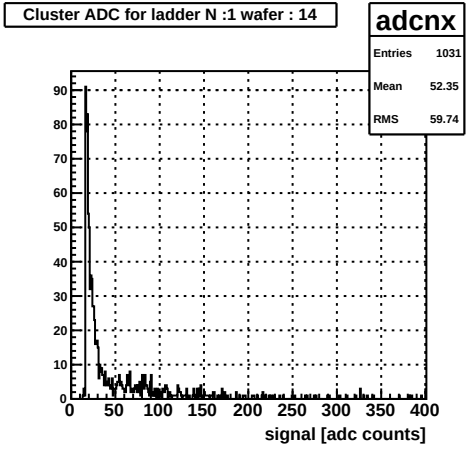

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 742
Mean 67.29
RMS 68.92
signal [adc counts]

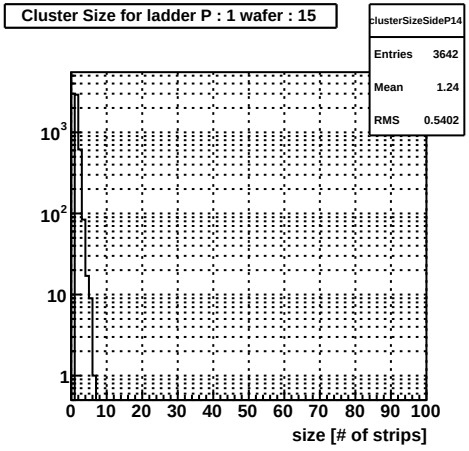

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1449
Mean 1.177
RMS 0.5131
size [# of strips]

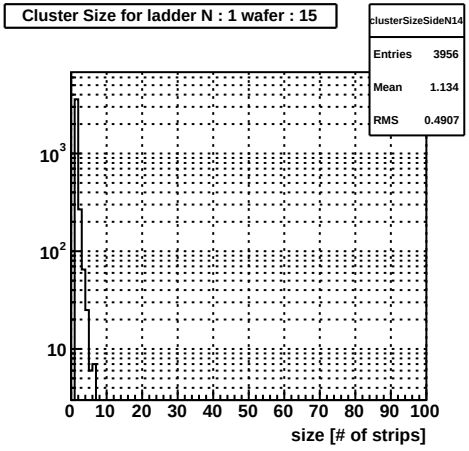

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1031
Mean 1.321
RMS 0.7066
size [# of strips]

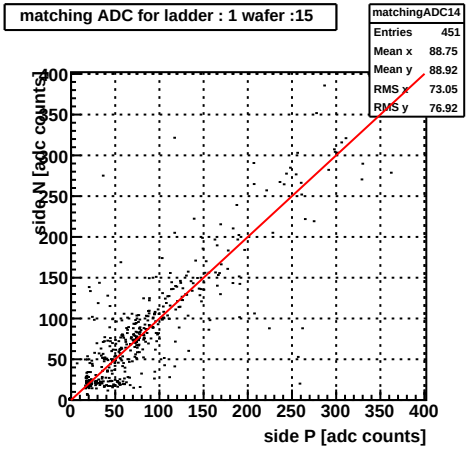

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 312
Mean x 96.21
Mean y 102.6
RMS x 66.66
RMS y 73.04
side N [adc counts]
side P [adc counts]

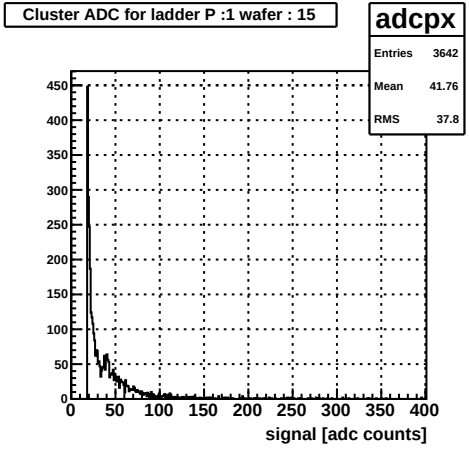

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1449
Mean 43.57
RMS 49.69
signal [adc counts]

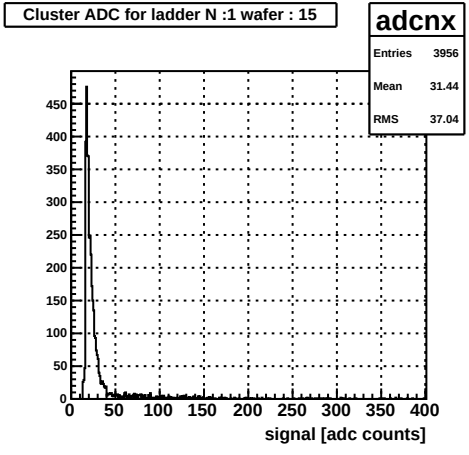

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1031
Mean 52.35
RMS 59.74
signal [adc counts]

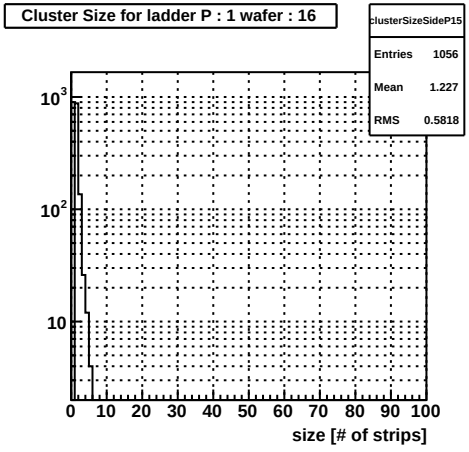

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3642
Mean 1.24
RMS 0.5402
size [# of strips]

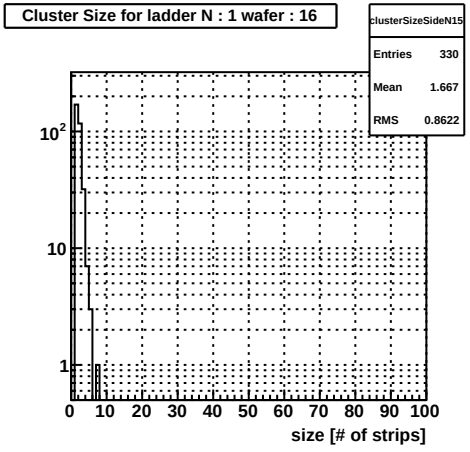

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 3956
Mean 1.134
RMS 0.4907
size [# of strips]

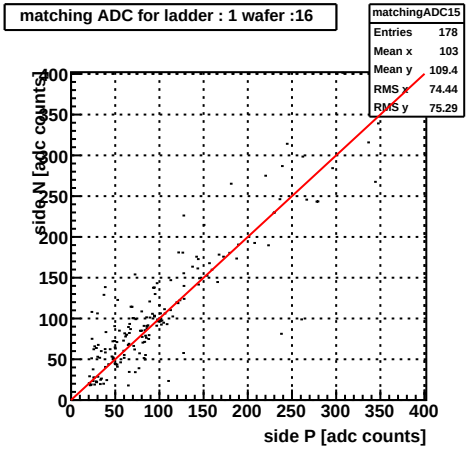

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 451
Mean x 88.75
Mean y 88.92
RMS x 73.05
RMS y 76.92
side N [adc counts]
side P [adc counts]

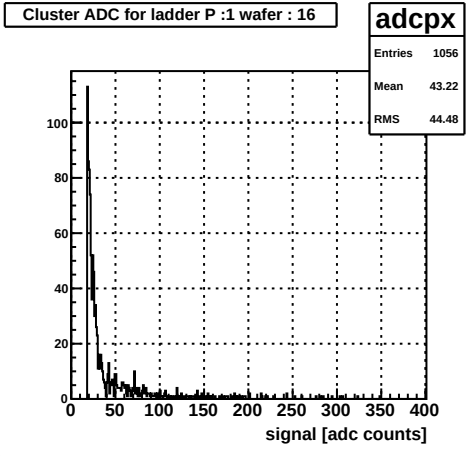

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3642
Mean 41.76
RMS 37.8
signal [adc counts]

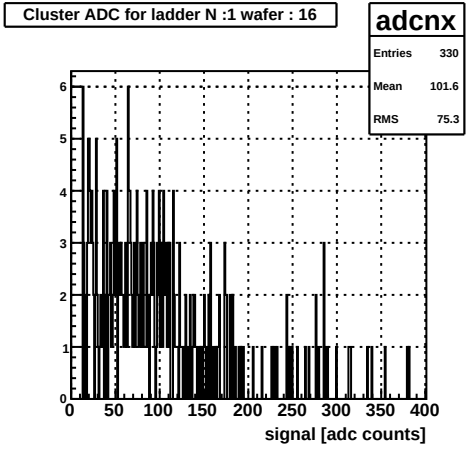

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 3956
Mean 31.44
RMS 37.04
signal [adc counts]

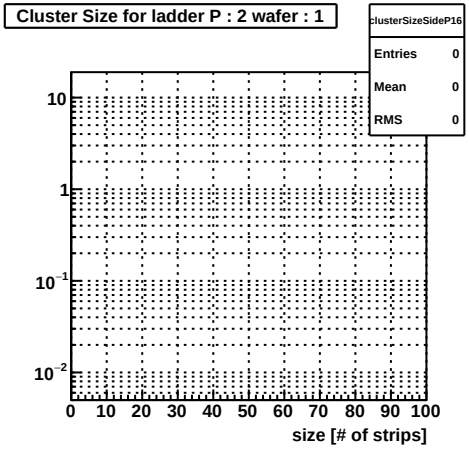

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1056
Mean 1.227
RMS 0.5818
size [# of strips]

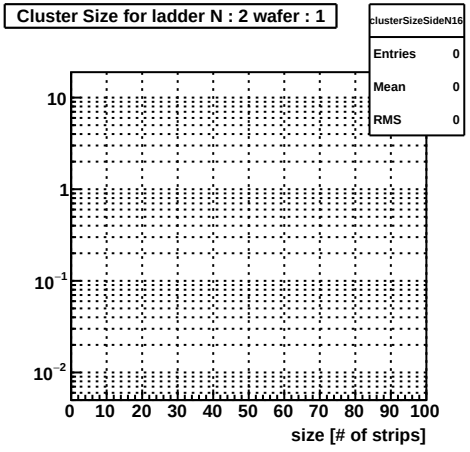

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 330
Mean 1.667
RMS 0.8622
size [# of strips]

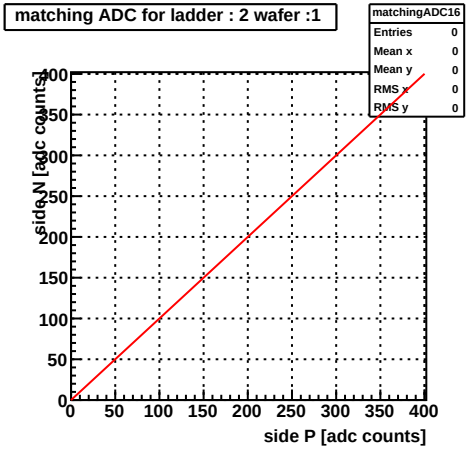

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 178
Mean x 103
Mean y 109.4
RMS x 74.44
RMS y 75.29
side N [adc counts]
side P [adc counts]

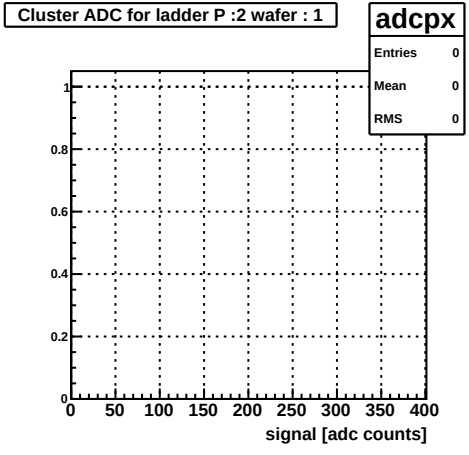

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1056
Mean 43.22
RMS 44.48
signal [adc counts]

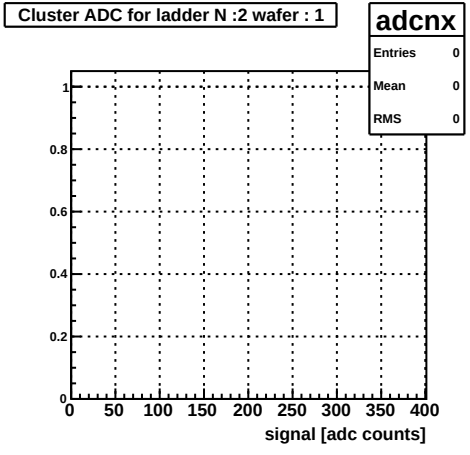

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 330
Mean 101.6
RMS 75.3
signal [adc counts]

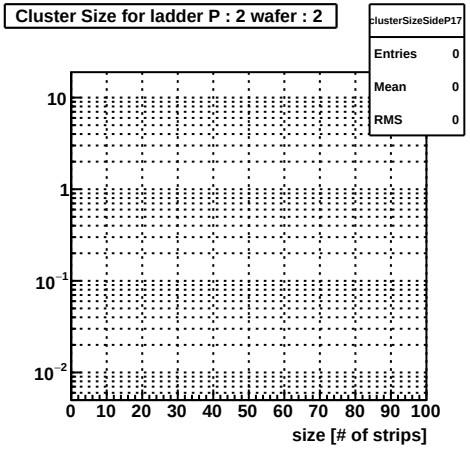

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

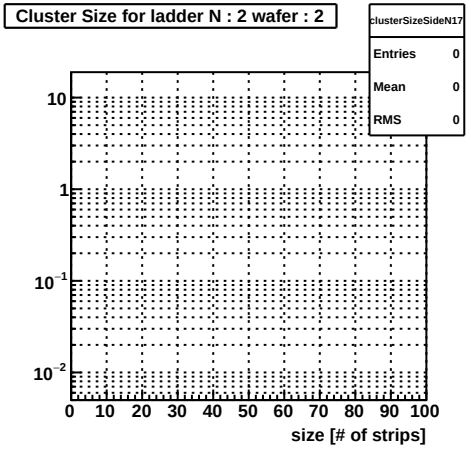

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

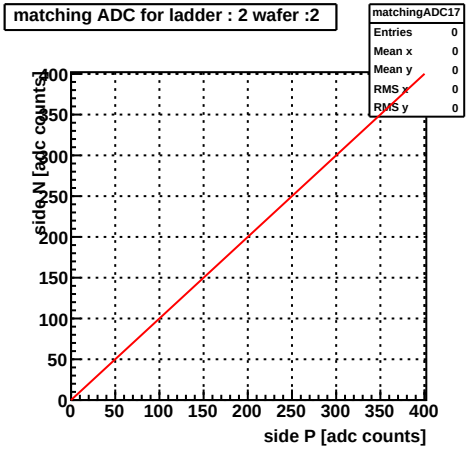

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

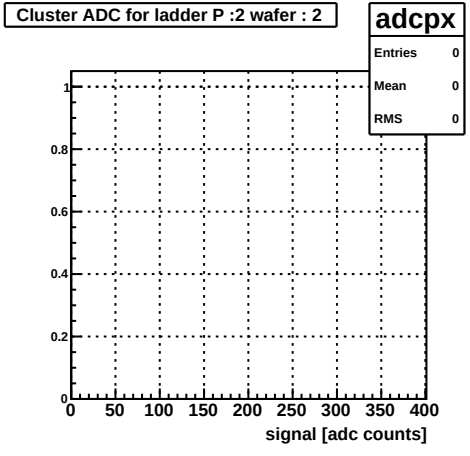

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

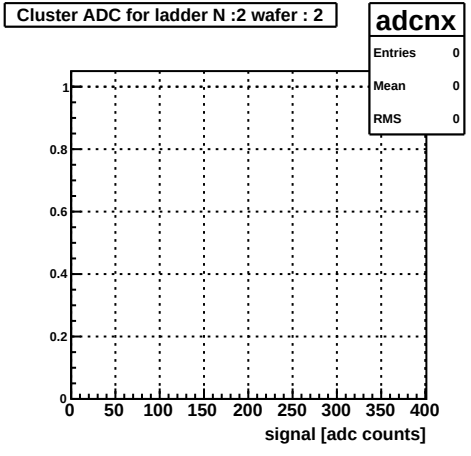

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

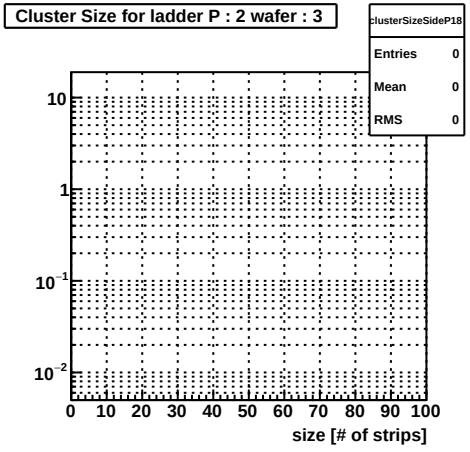

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

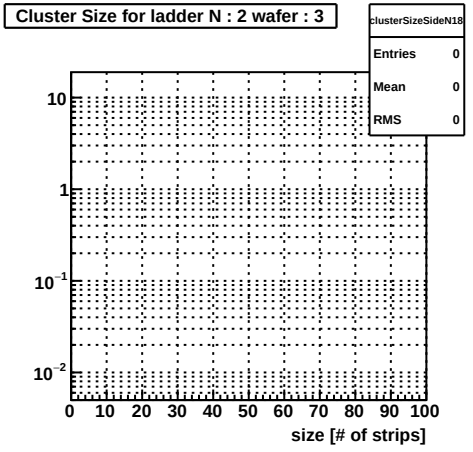

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

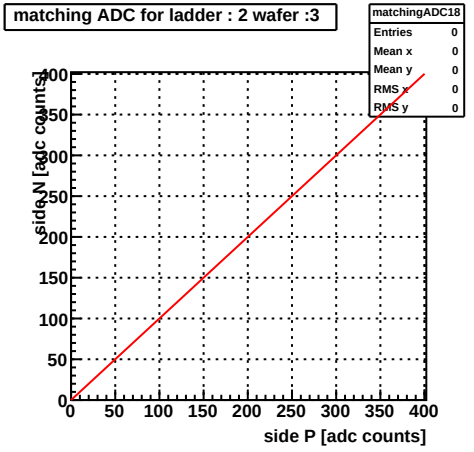

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

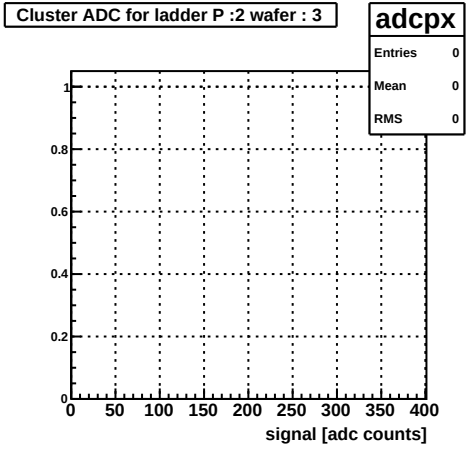

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

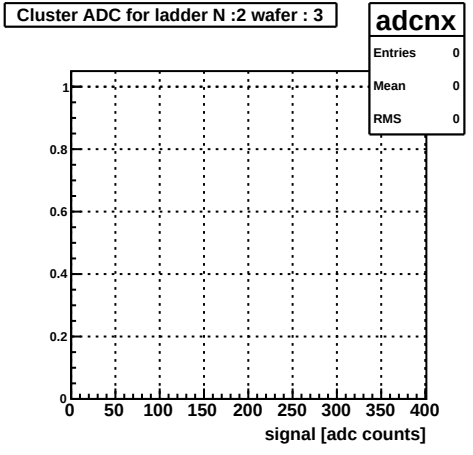

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

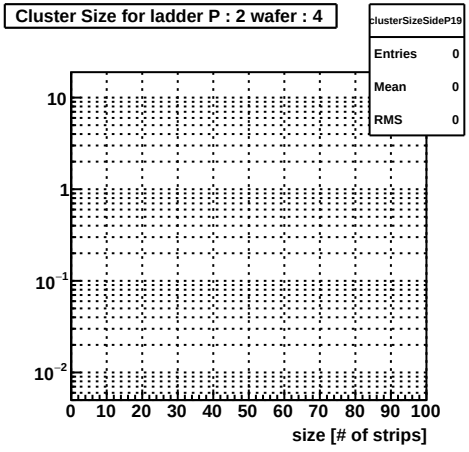

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

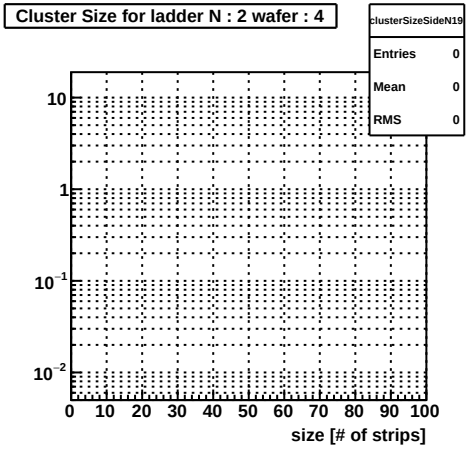

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

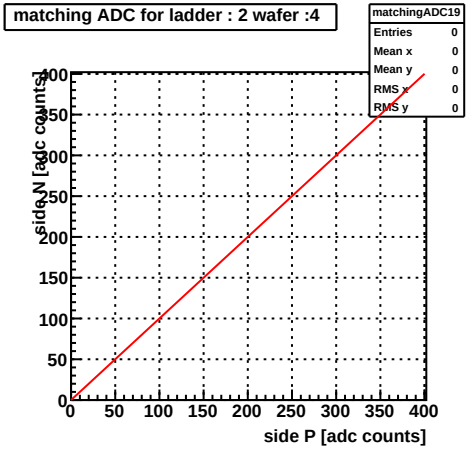

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

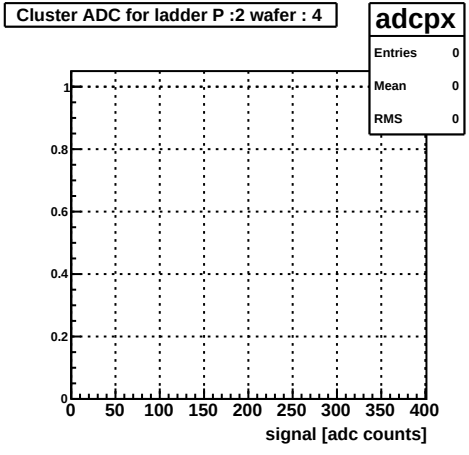

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

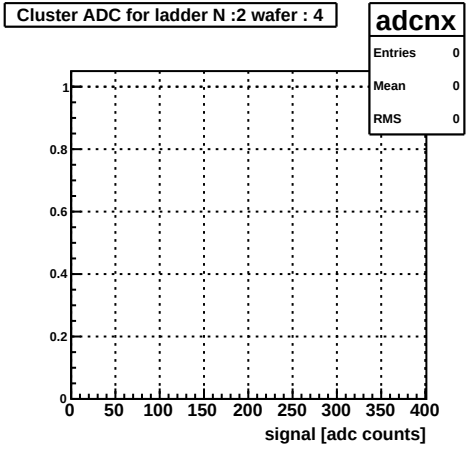

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

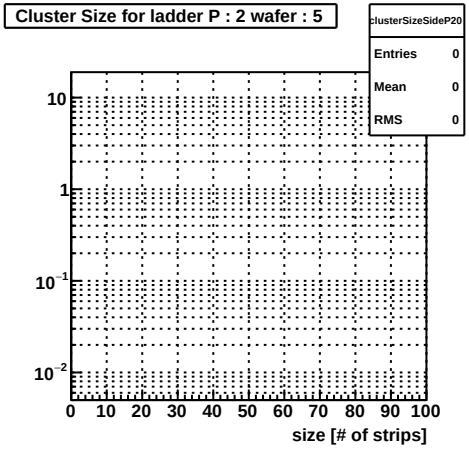

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

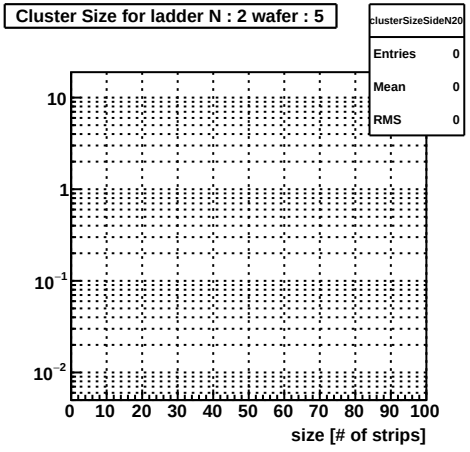

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

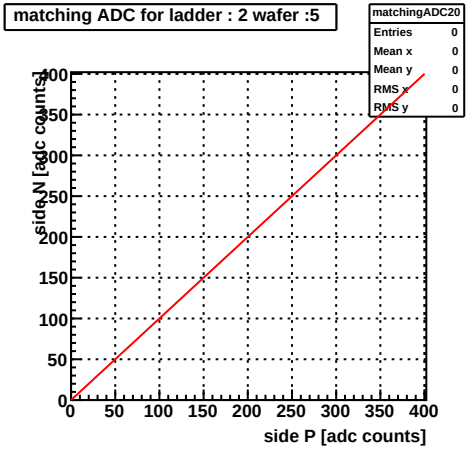

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

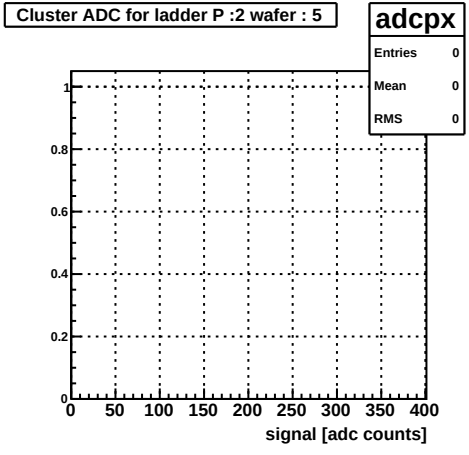

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

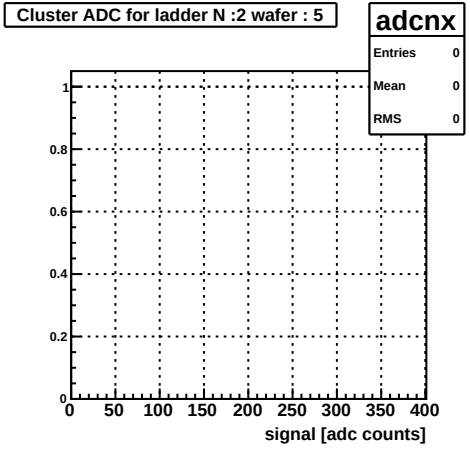

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

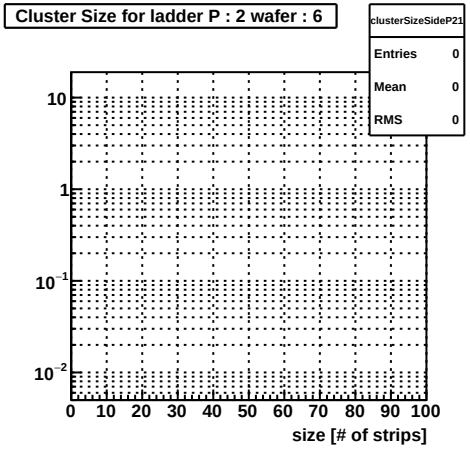

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

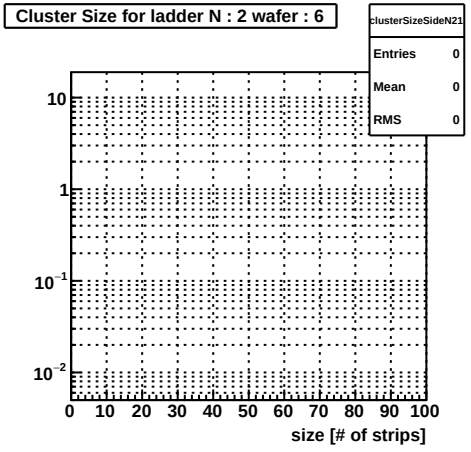

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

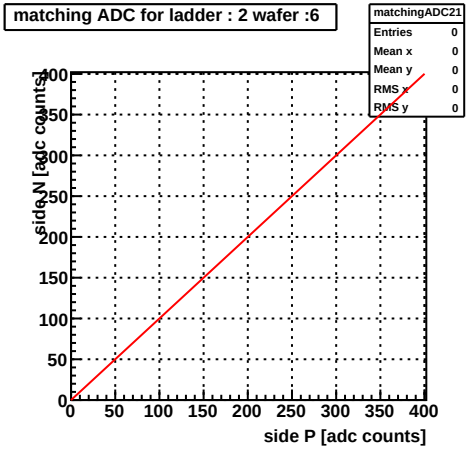

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

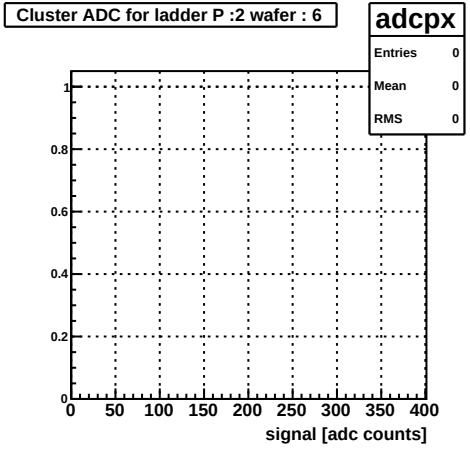

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

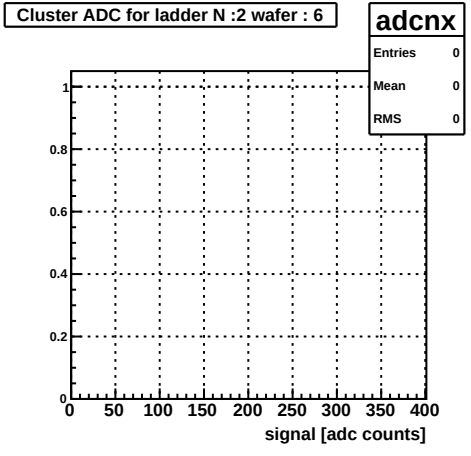

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

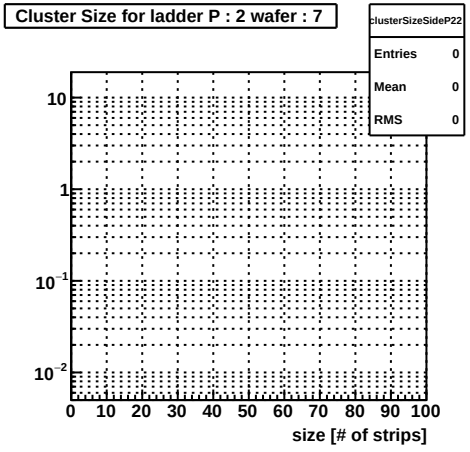

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

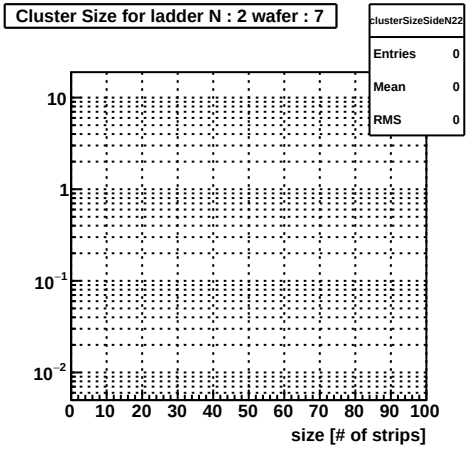

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

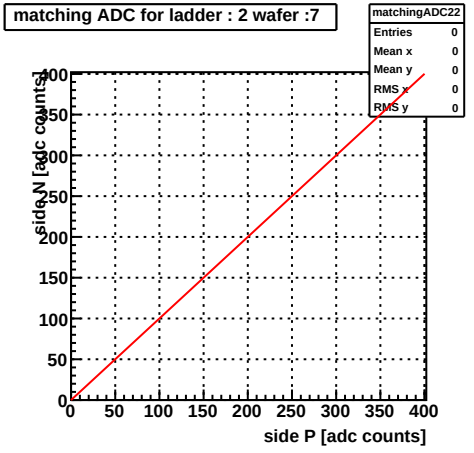

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

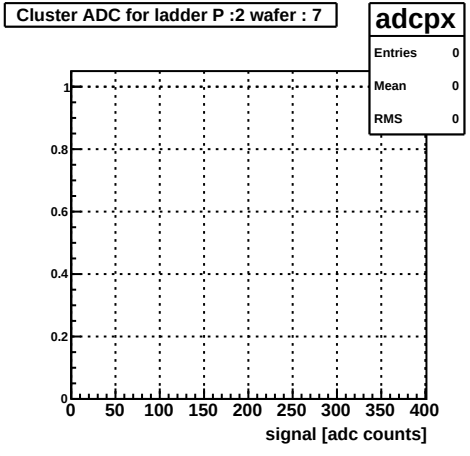

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

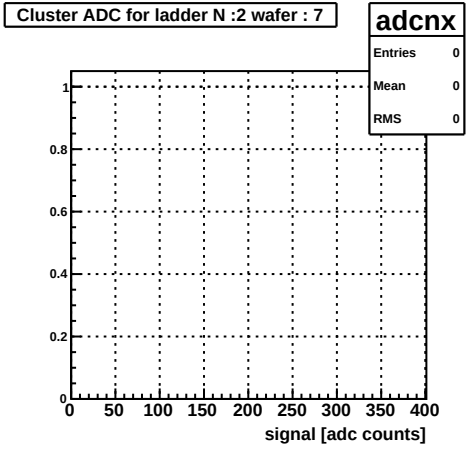

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

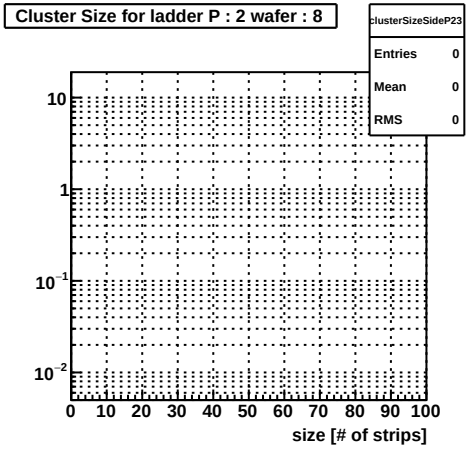

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

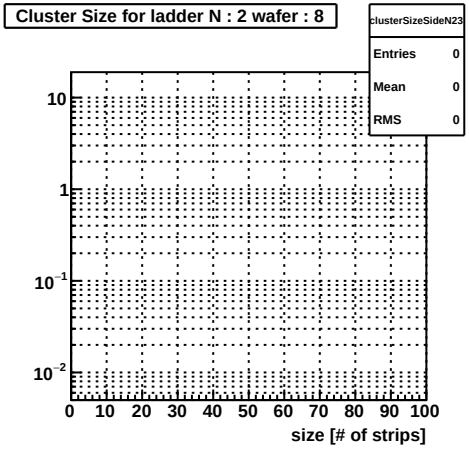

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

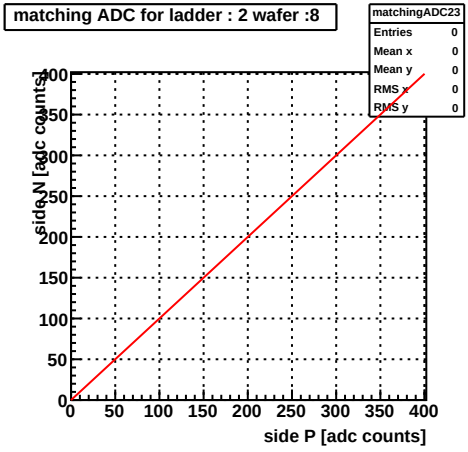

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

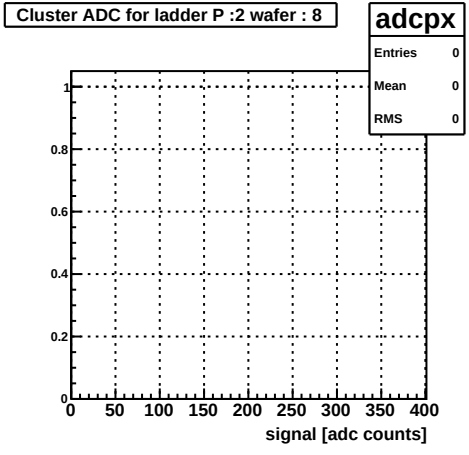

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

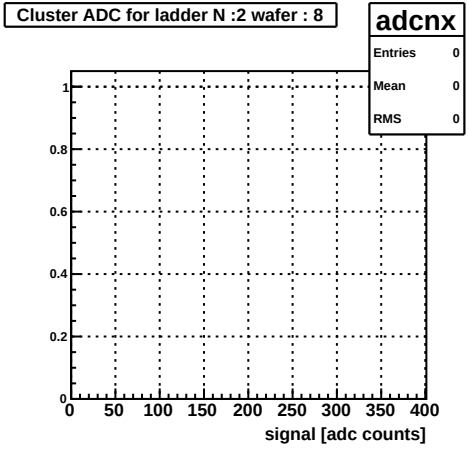

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

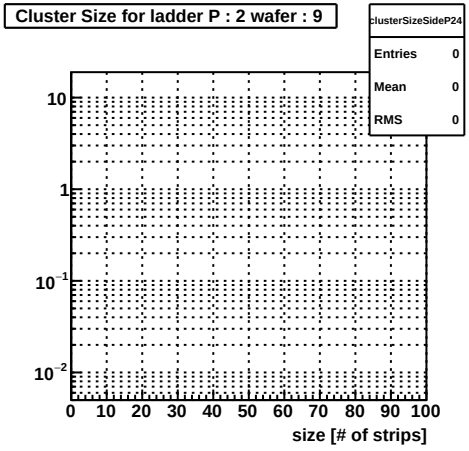

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

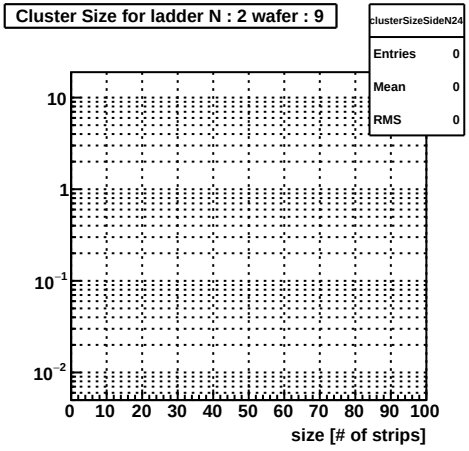

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

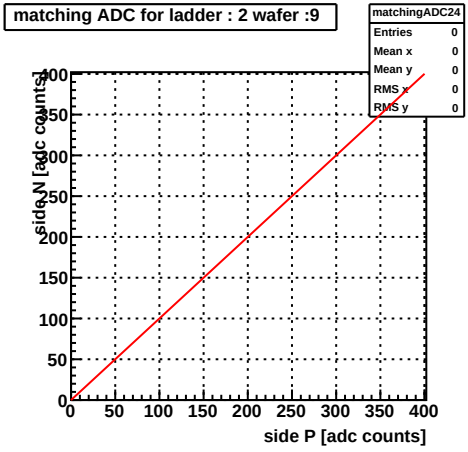

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

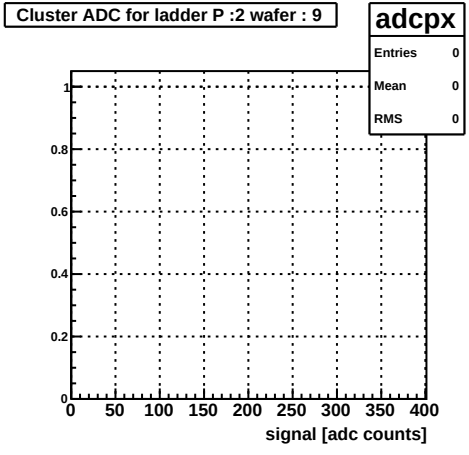

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

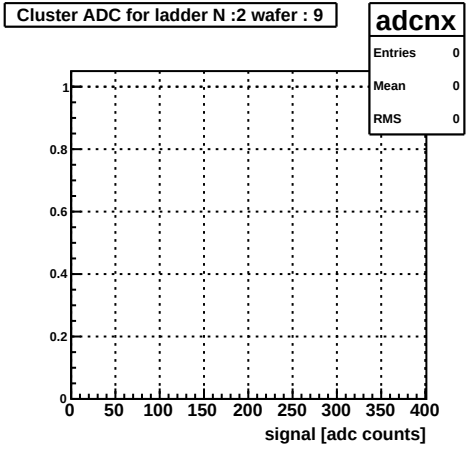

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

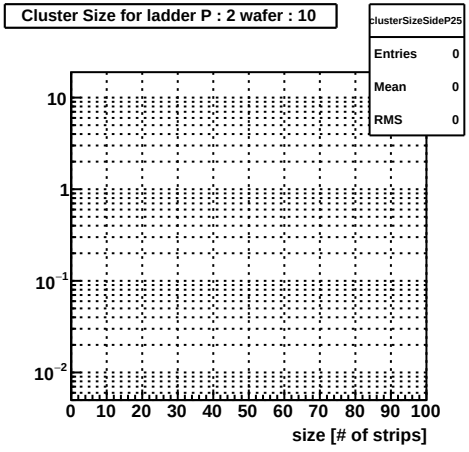

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

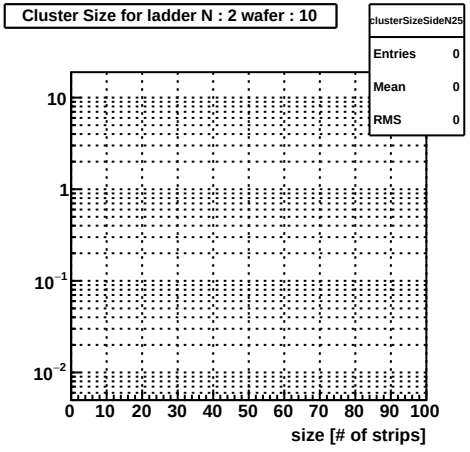

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

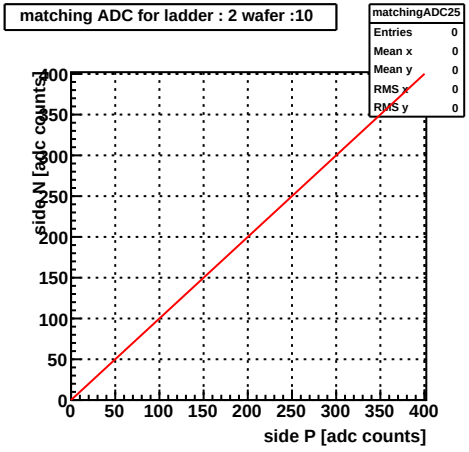

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

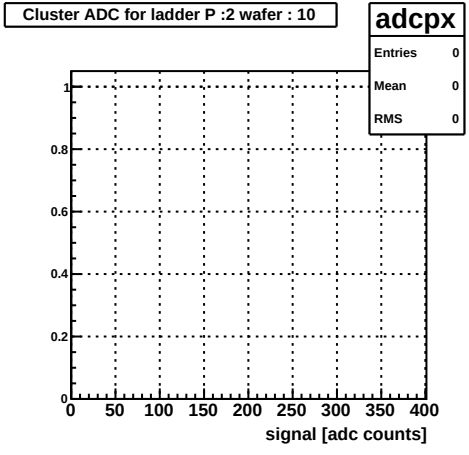

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

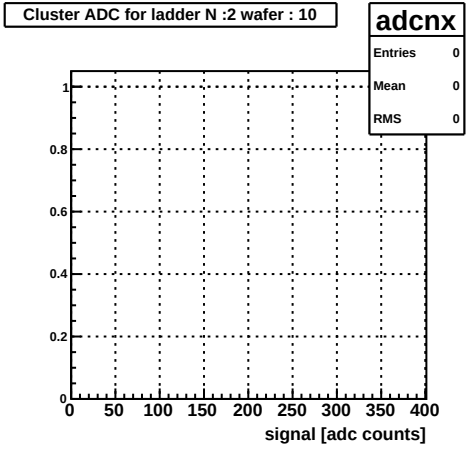

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

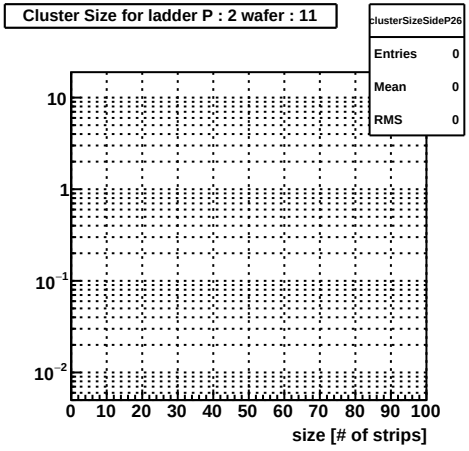

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

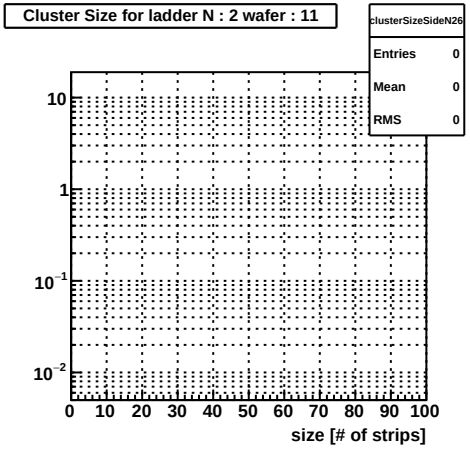

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

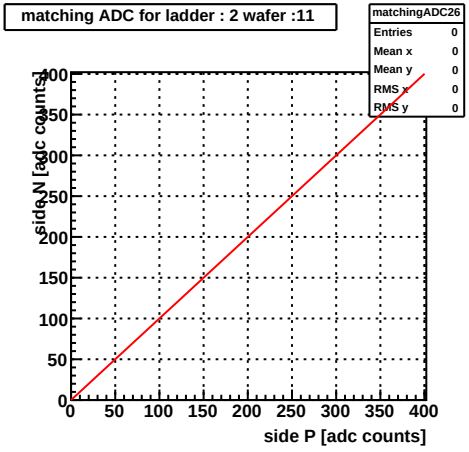

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

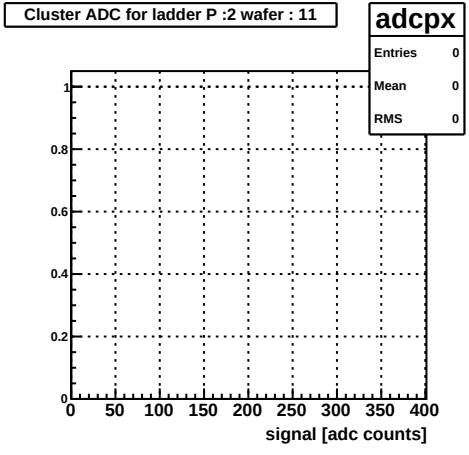

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

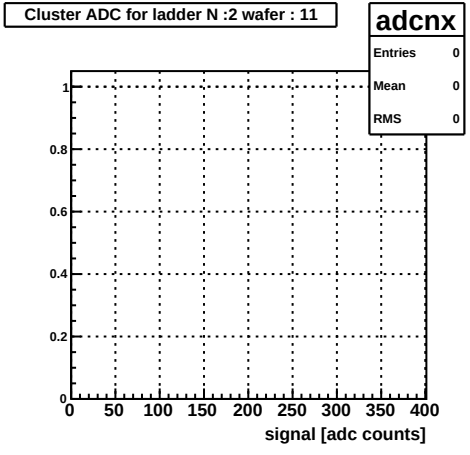

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

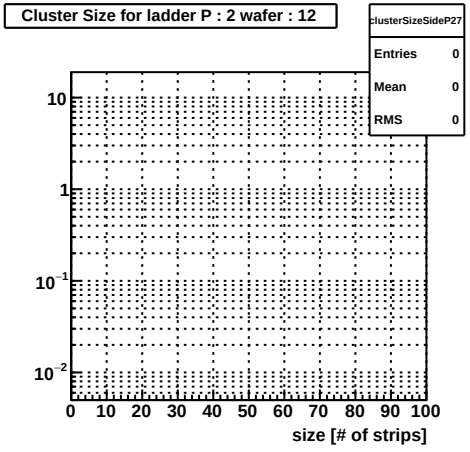

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

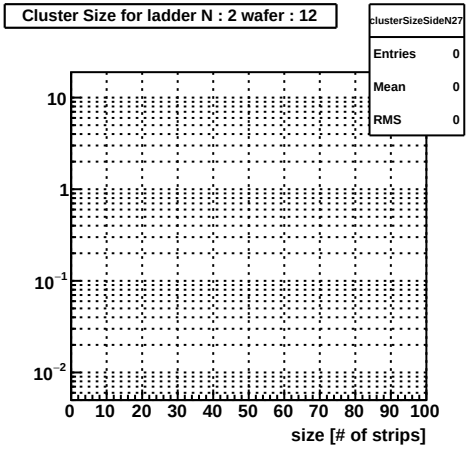

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

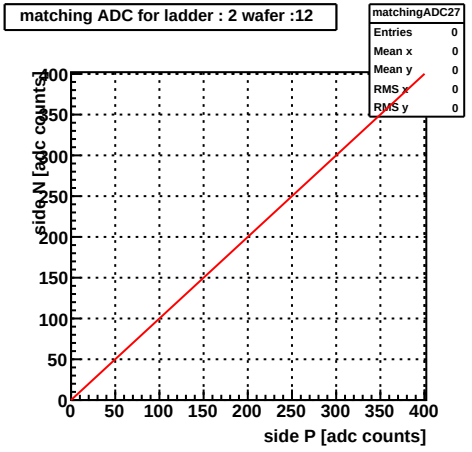

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

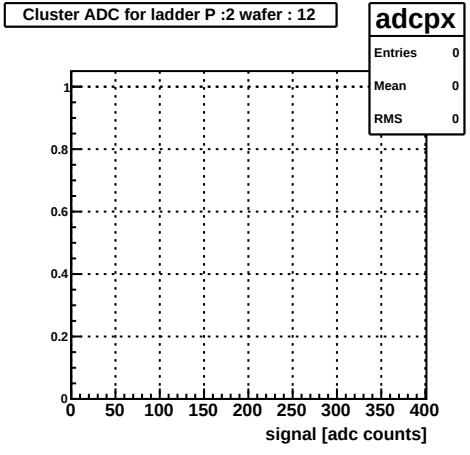

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

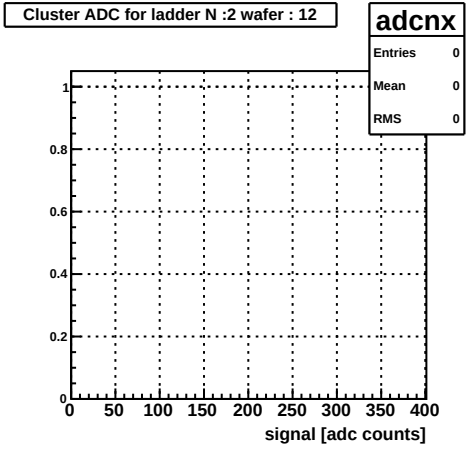

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

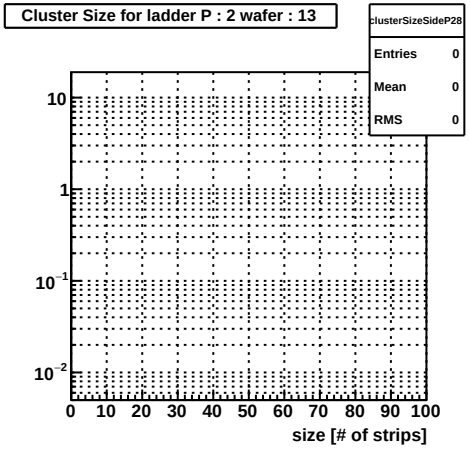

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

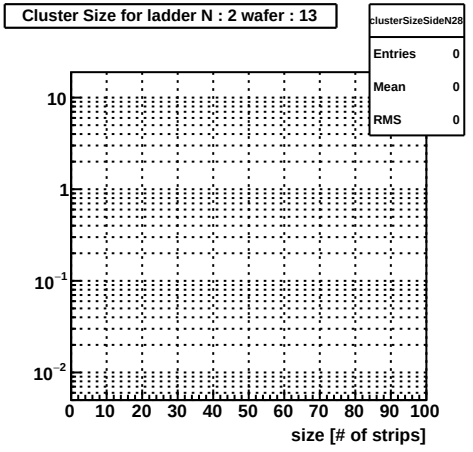

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

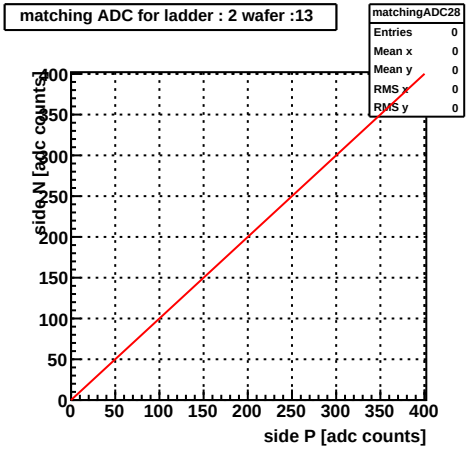

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

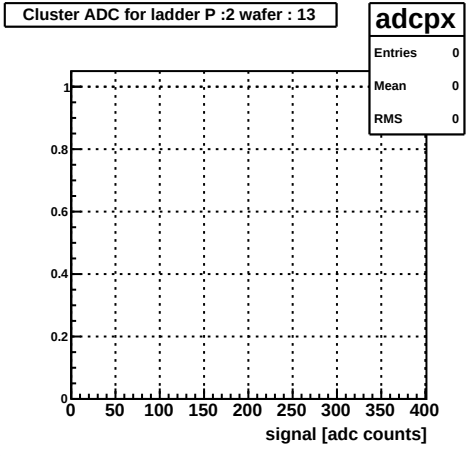

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

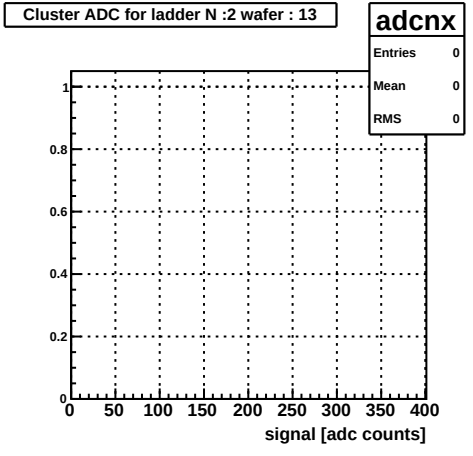

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

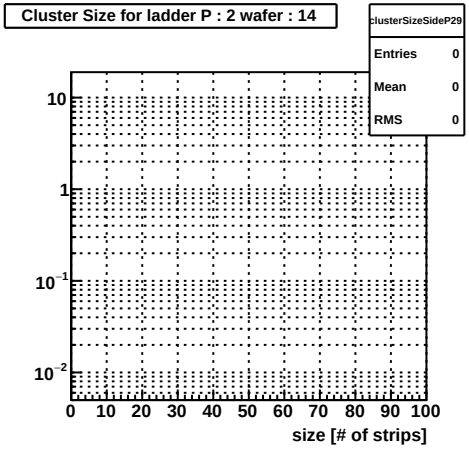

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

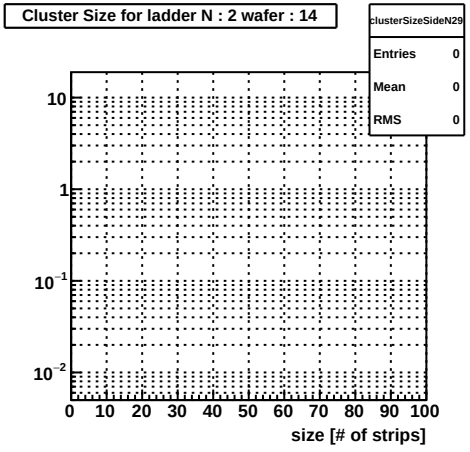

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

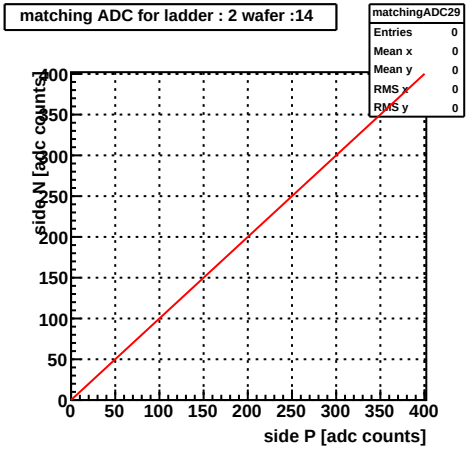

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

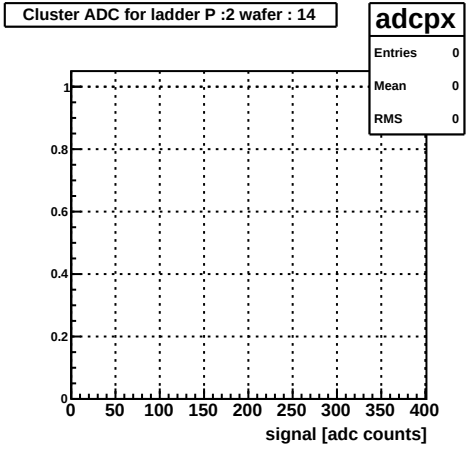

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

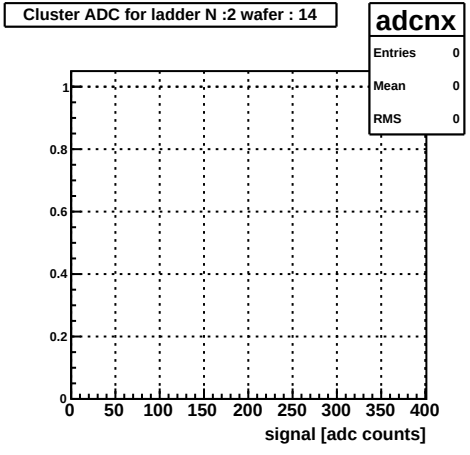

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

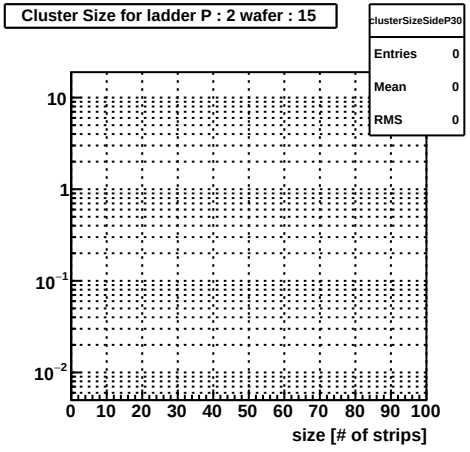

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

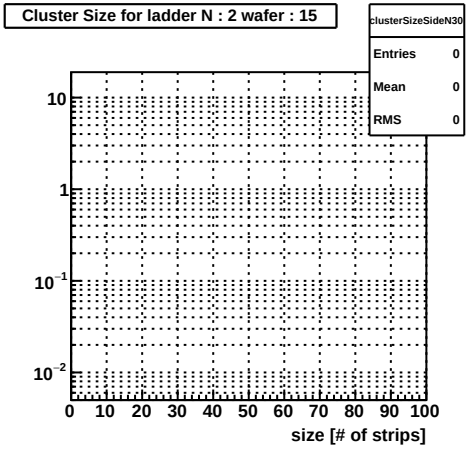

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

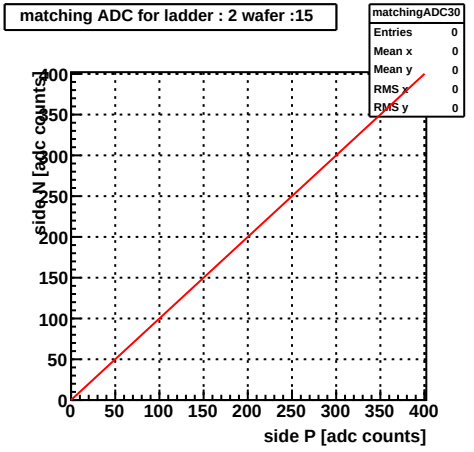

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

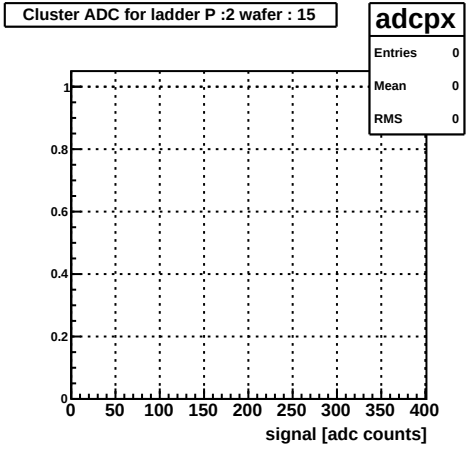

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

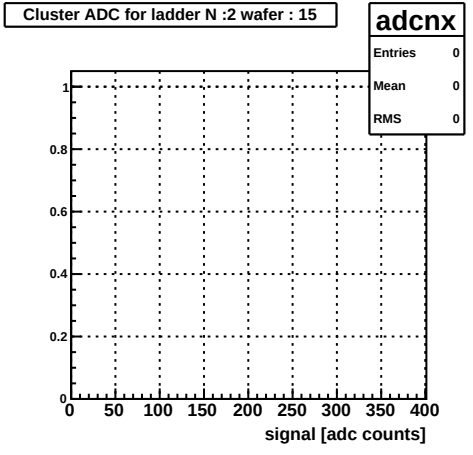

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

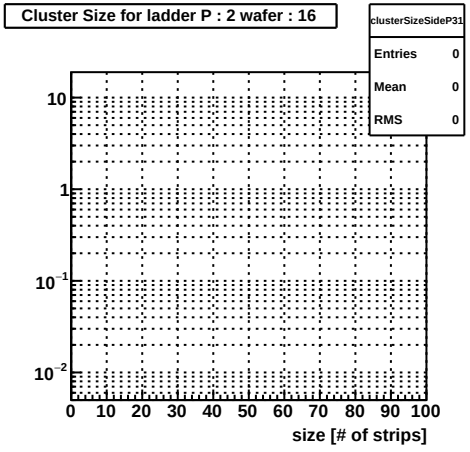

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

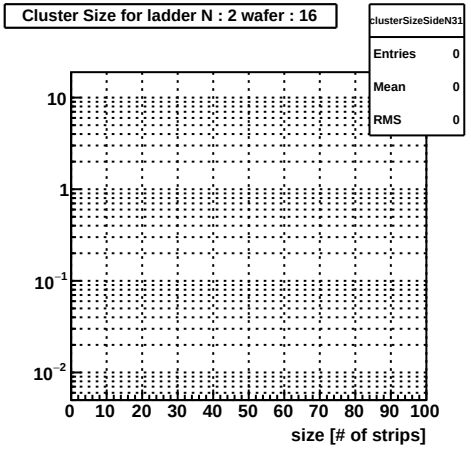

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

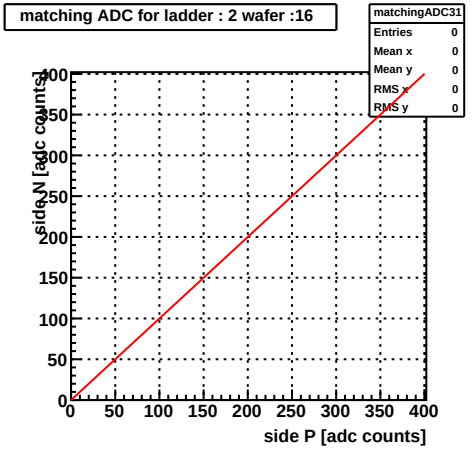

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

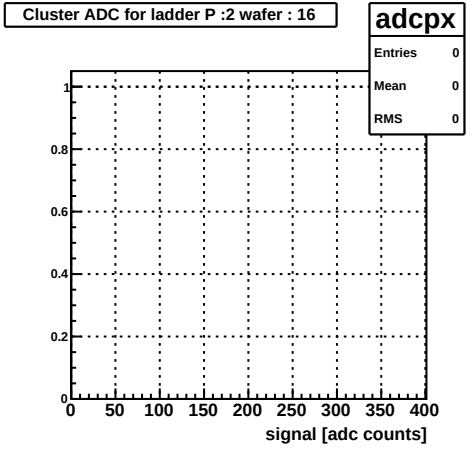

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

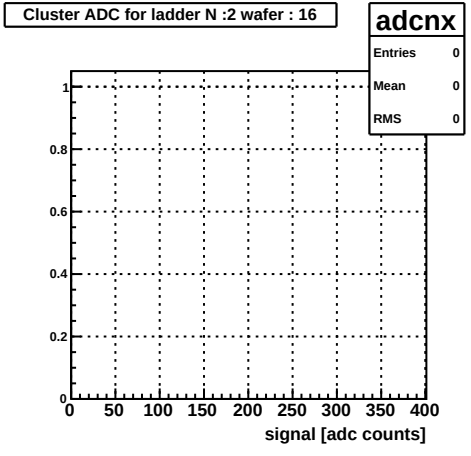

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

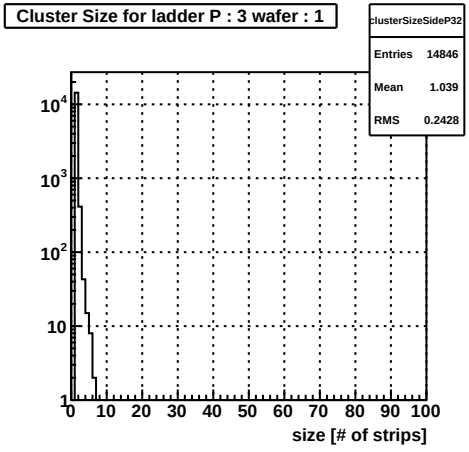

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

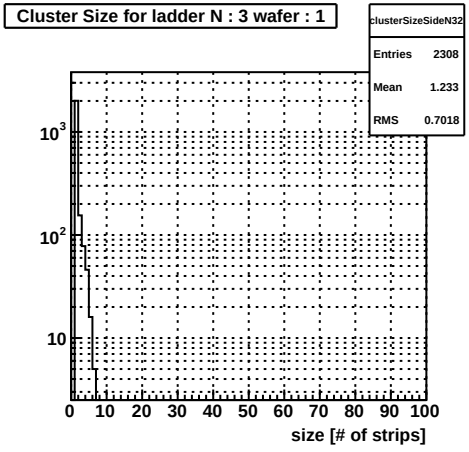

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

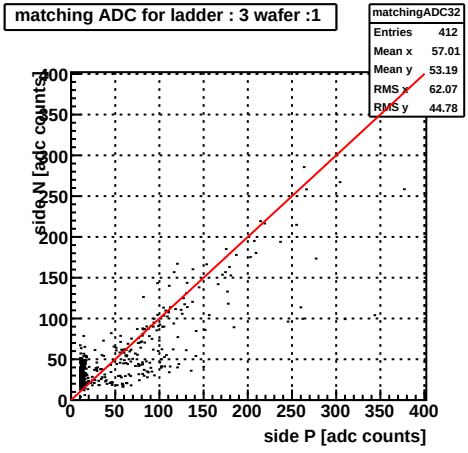

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

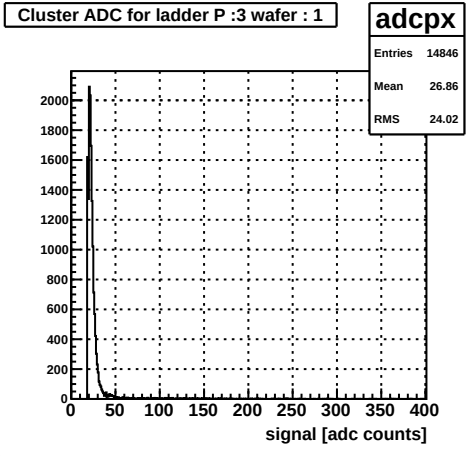

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

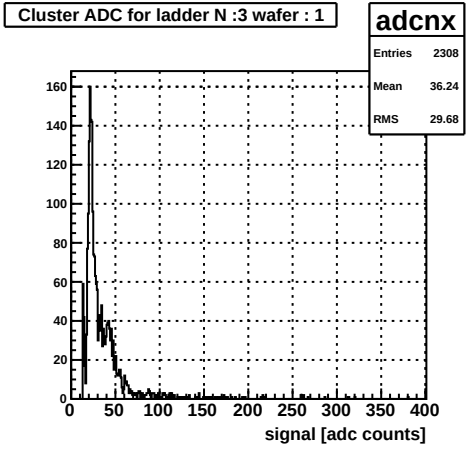

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

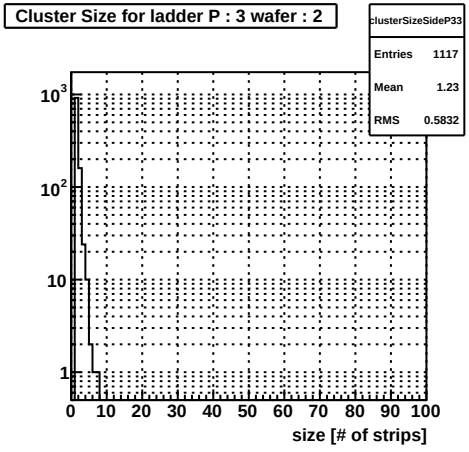

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14846
Mean 1.039
RMS 0.2428
size [# of strips]

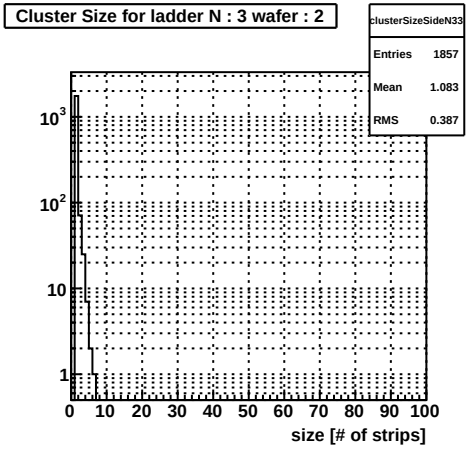

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2308
Mean 1.233
RMS 0.7018
size [# of strips]

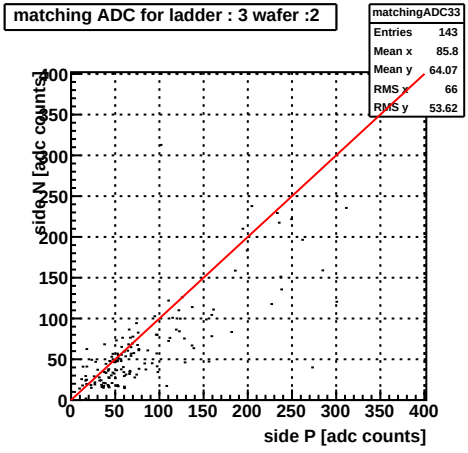

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 412
Mean x 57.01
Mean y 53.19
RMS x 62.07
RMS y 44.78
side N [adc counts]
side P [adc counts]

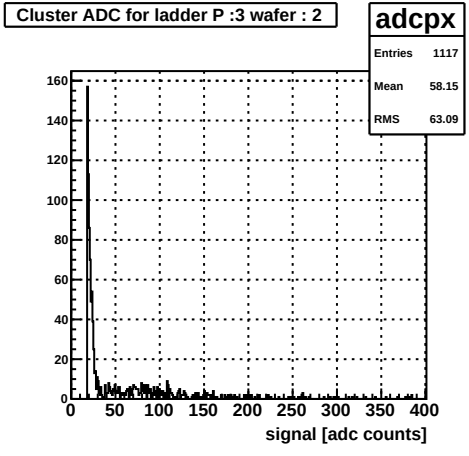

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14846
Mean 26.86
RMS 24.02
signal [adc counts]

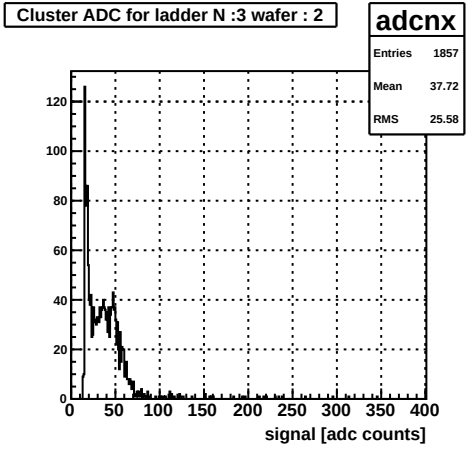

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2308
Mean 36.24
RMS 29.68
signal [adc counts]

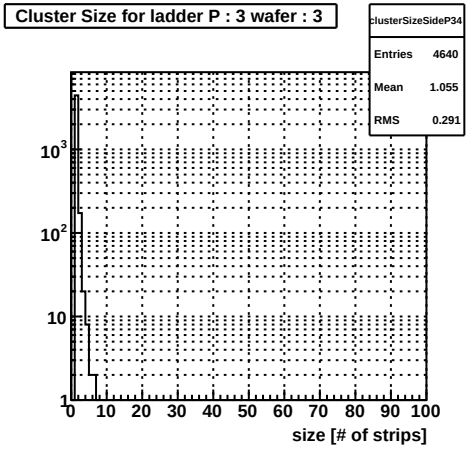

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1117
Mean 1.23
RMS 0.5832
size [# of strips]

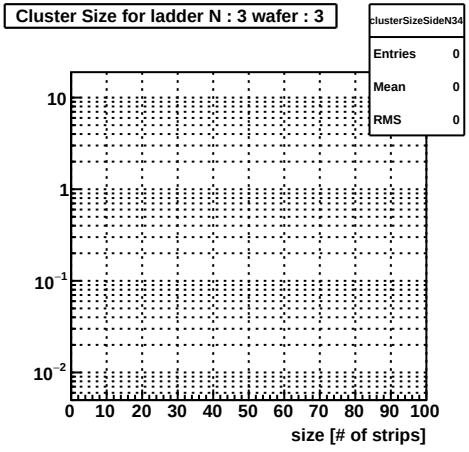

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1857
Mean 1.083
RMS 0.387
size [# of strips]

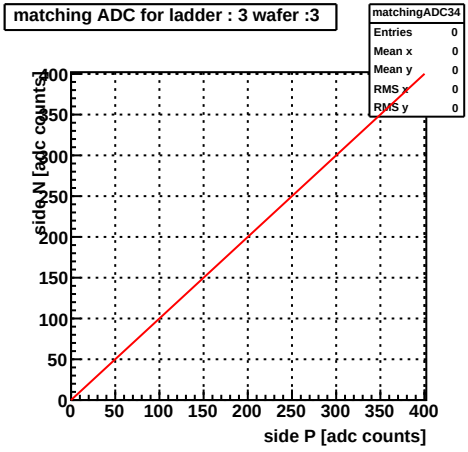

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 143
Mean x 85.8
Mean y 64.07
RMS x 66
RMS y 53.62
side N [adc counts]
side P [adc counts]

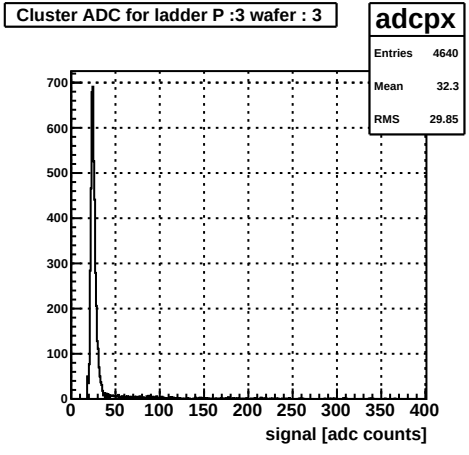

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1117
Mean 58.15
RMS 63.09
signal [adc counts]

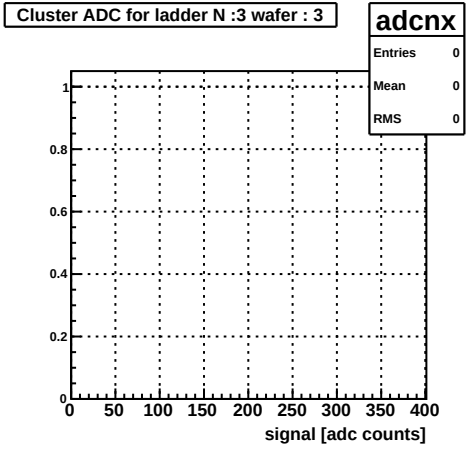

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1857
Mean 37.72
RMS 25.58
signal [adc counts]

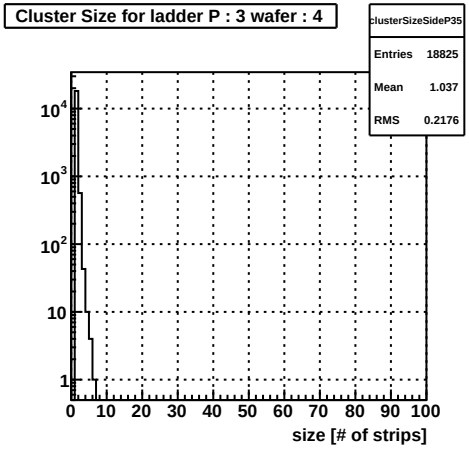

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4640
Mean 1.055
RMS 0.291
size [# of strips]

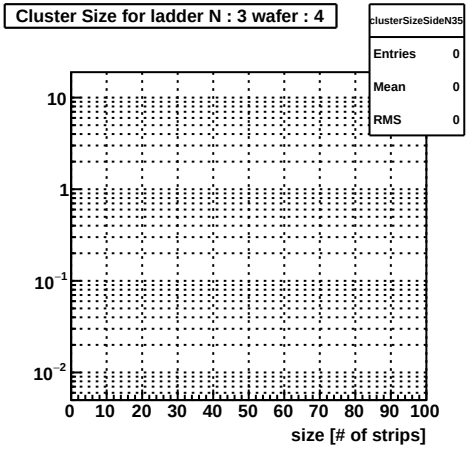

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

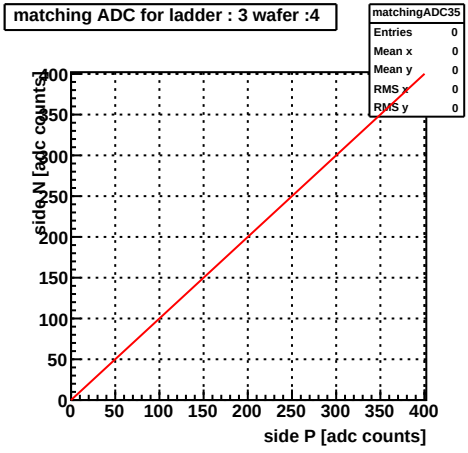

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

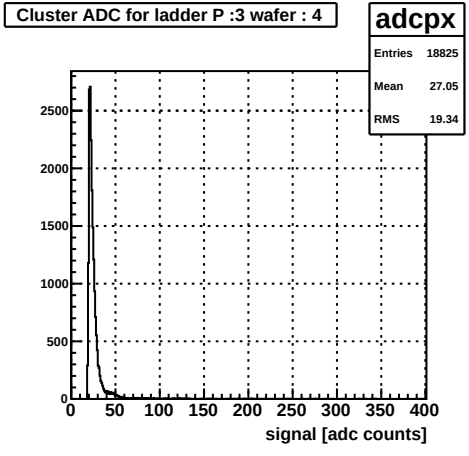

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4640
Mean 32.3
RMS 29.85
signal [adc counts]

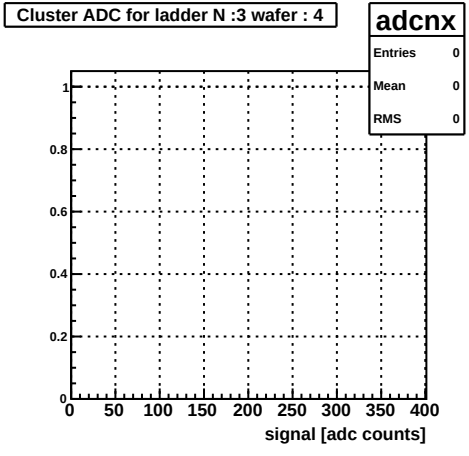

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

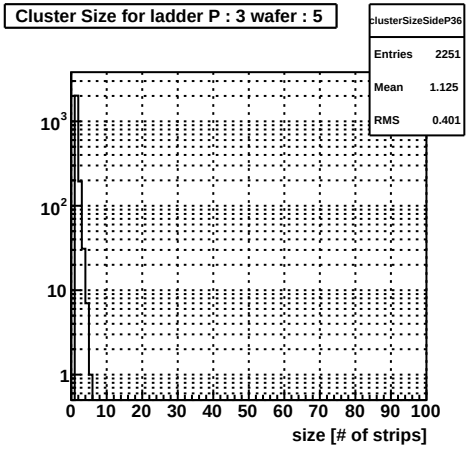

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 18825
Mean 1.037
RMS 0.2176
size [# of strips]

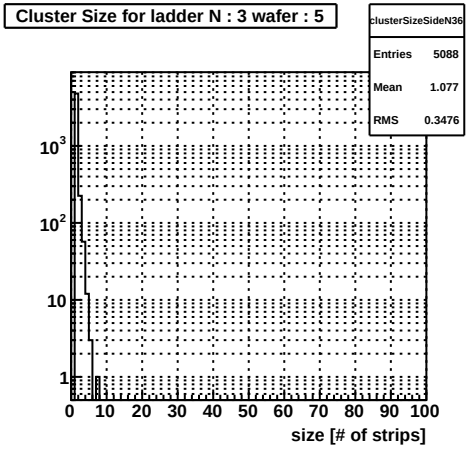

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

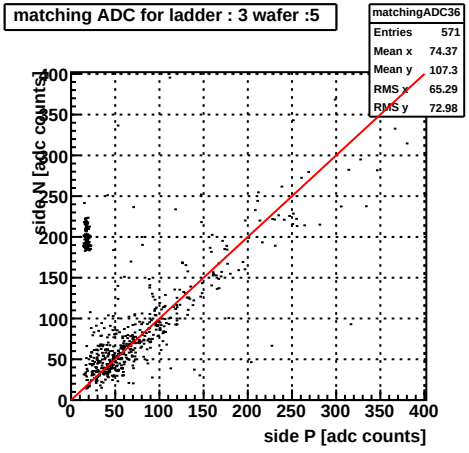

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

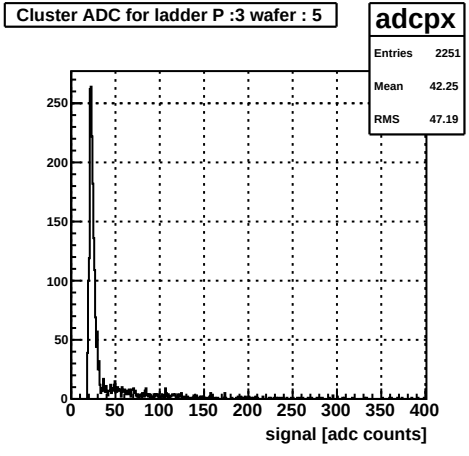

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 18825
Mean 27.05
RMS 19.34
signal [adc counts]

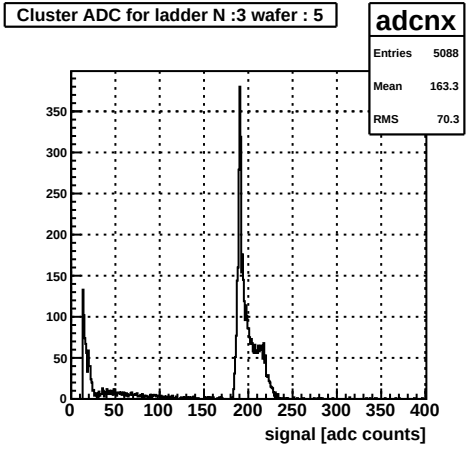

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

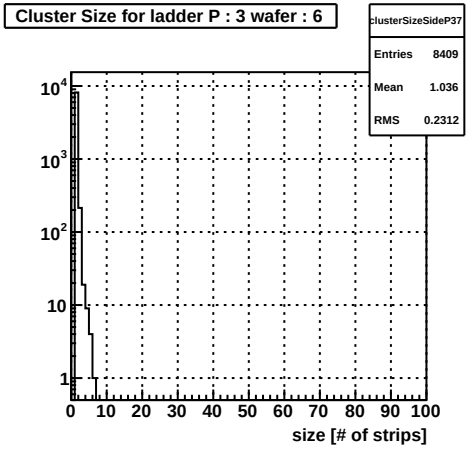

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2251
Mean 1.125
RMS 0.401
size [# of strips]

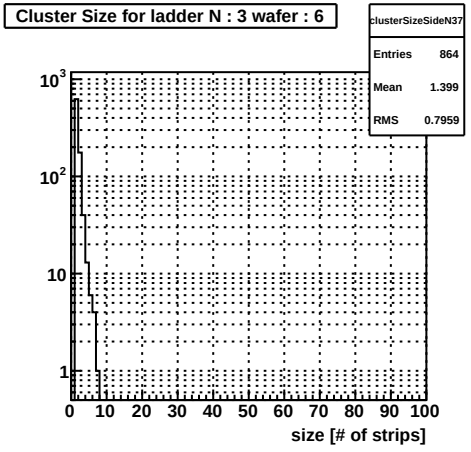

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5088
Mean 1.077
RMS 0.3476
size [# of strips]

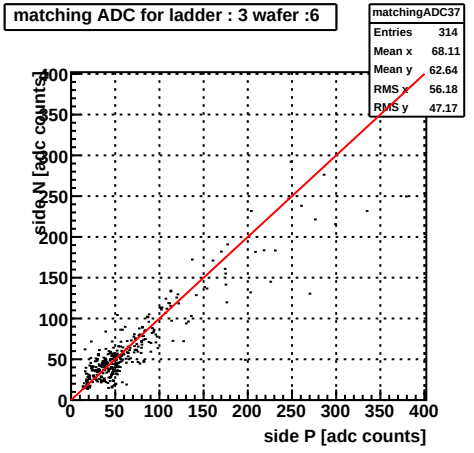

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 571
Mean x 74.37
Mean y 107.3
RMS x 65.29
RMS y 72.98
side N [adc counts]
side P [adc counts]

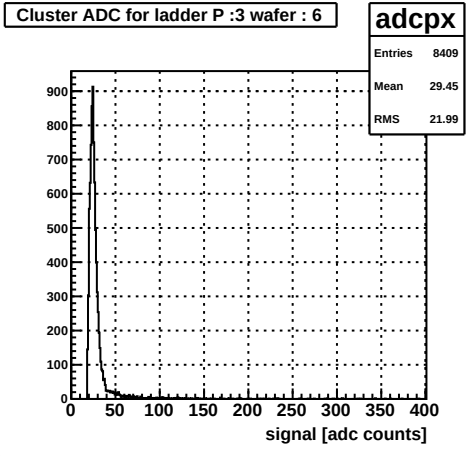

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2251
Mean 42.25
RMS 47.19
signal [adc counts]

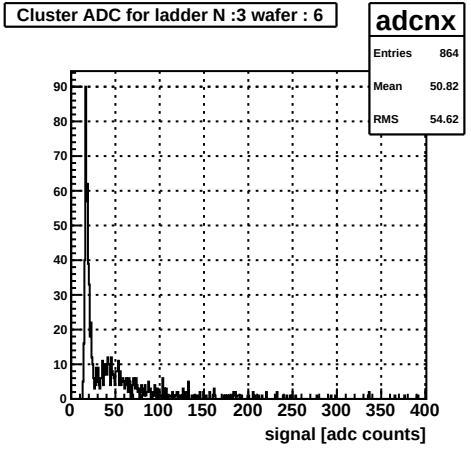

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5088
Mean 163.3
RMS 70.3
signal [adc counts]

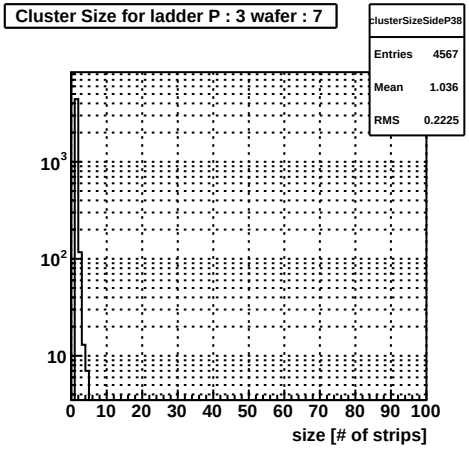

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8409
Mean 1.036
RMS 0.2312
size [# of strips]

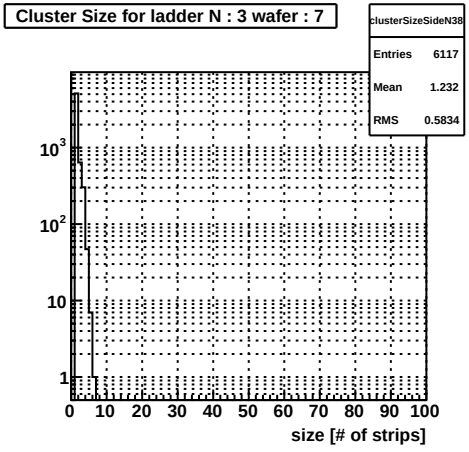

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 864
Mean 1.399
RMS 0.7959
size [# of strips]

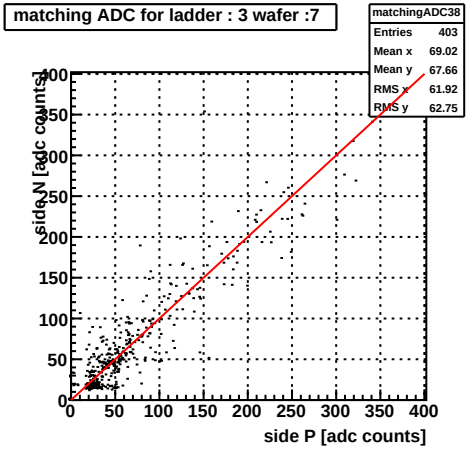

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 314
Mean x 68.11
Mean y 62.64
RMS x 56.18
RMS y 47.17
side N [adc counts]
side P [adc counts]

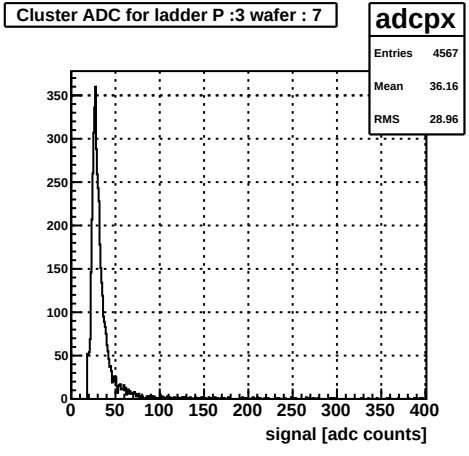

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8409
Mean 29.45
RMS 21.99
signal [adc counts]

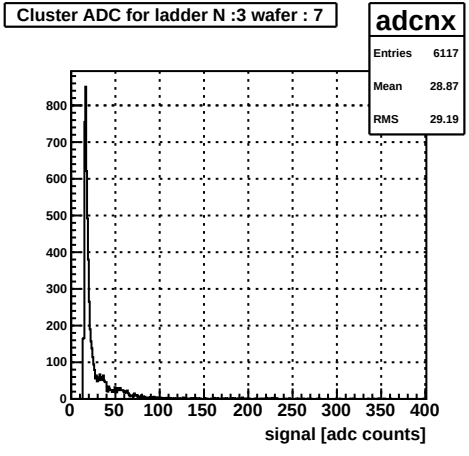

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 864
Mean 50.82
RMS 54.62
signal [adc counts]

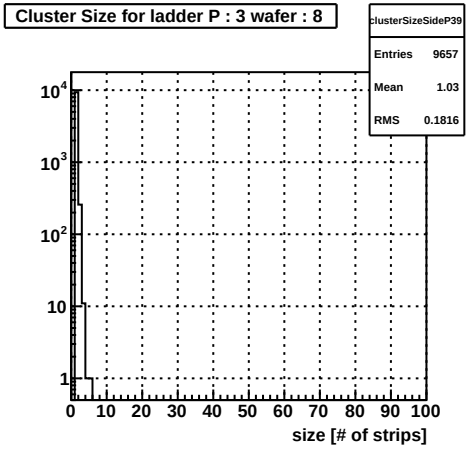

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4567
Mean 1.036
RMS 0.2225
size [# of strips]

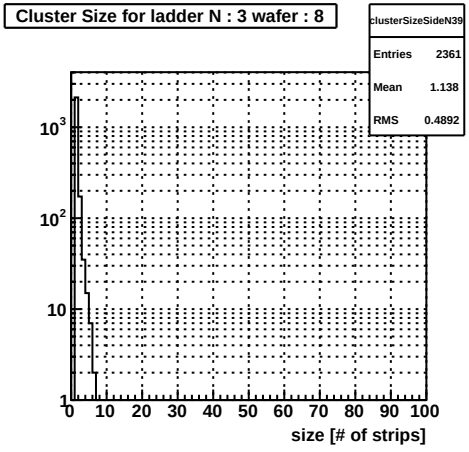

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6117
Mean 1.232
RMS 0.5834
size [# of strips]

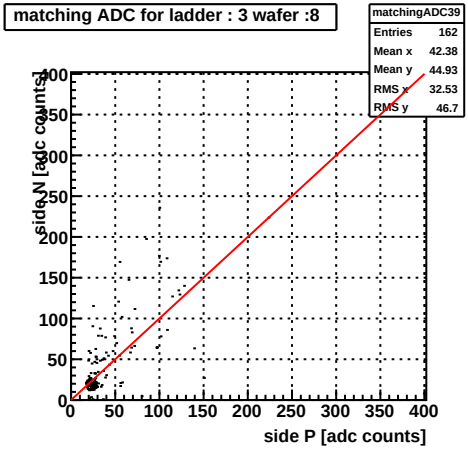

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 403
Mean x 69.02
Mean y 67.66
RMS x 61.92
RMS y 62.75
side N [adc counts]
side P [adc counts]

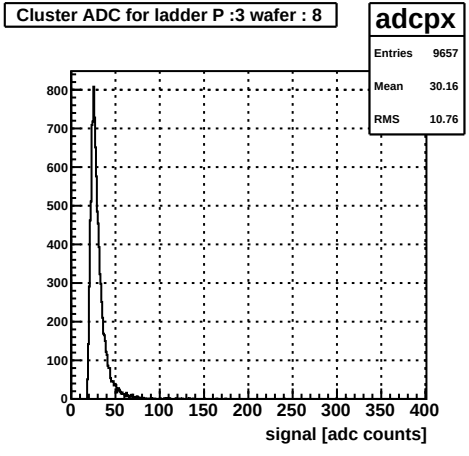

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4567
Mean 36.16
RMS 28.96
signal [adc counts]

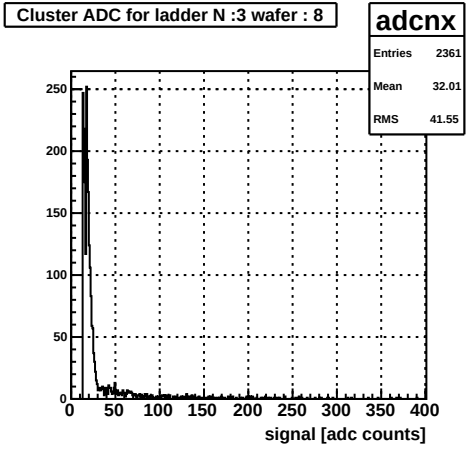

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6117
Mean 28.87
RMS 29.19
signal [adc counts]

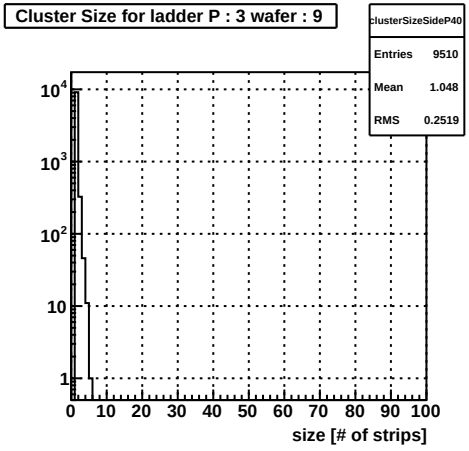

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 9657
Mean 1.03
RMS 0.1816
size [# of strips]

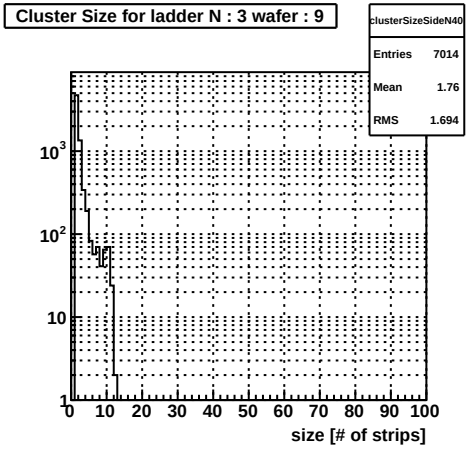

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2361
Mean 1.138
RMS 0.4892
size [# of strips]

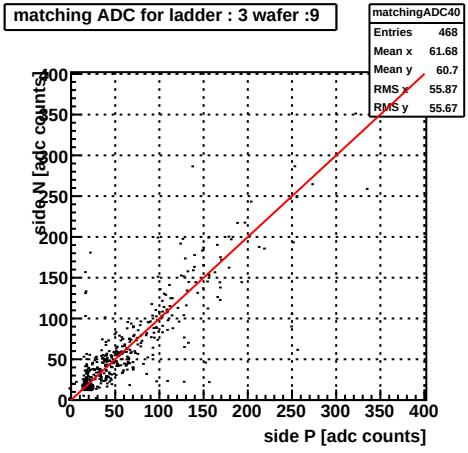

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 162
Mean x 42.38
Mean y 44.93
RMS x 32.53
RMS y 46.7
side N [adc counts]
side P [adc counts]

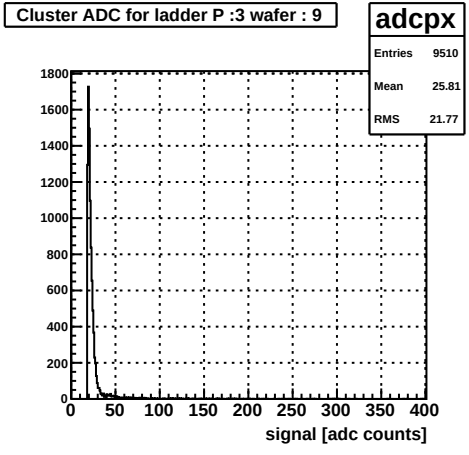

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 9657
Mean 30.16
RMS 10.76
signal [adc counts]

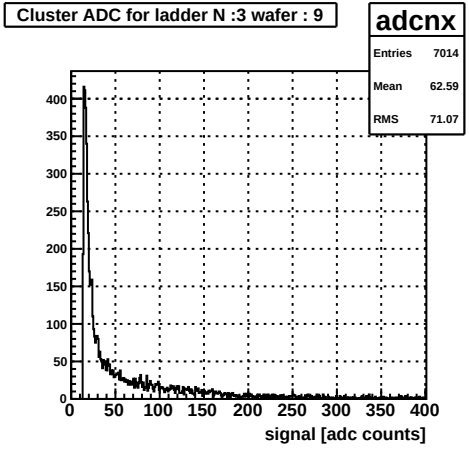

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2361
Mean 32.01
RMS 41.55
signal [adc counts]

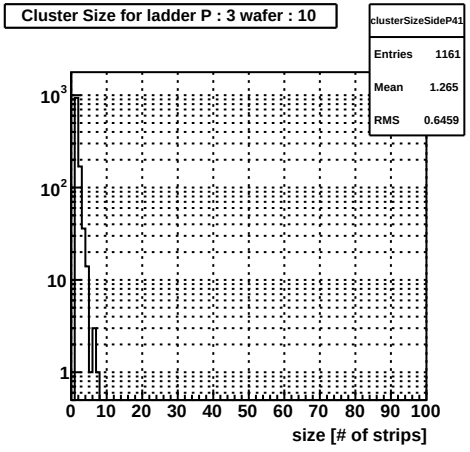

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9510
Mean 1.048
RMS 0.2519
size [# of strips]

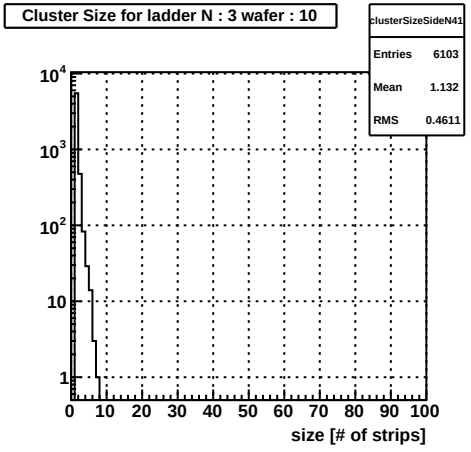

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 7014
Mean 1.76
RMS 1.694
size [# of strips]

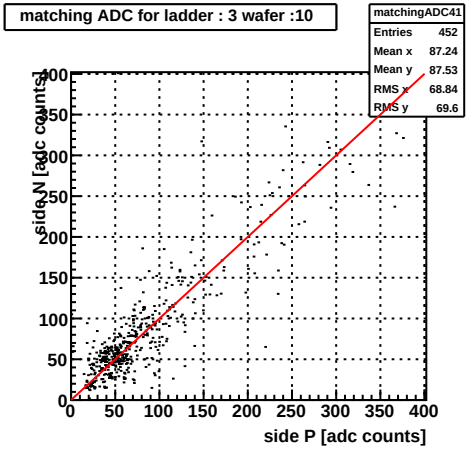

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 468
Mean x 61.68
Mean y 60.7
RMS x 55.87
RMS y 55.67
side N [adc counts]
side P [adc counts]

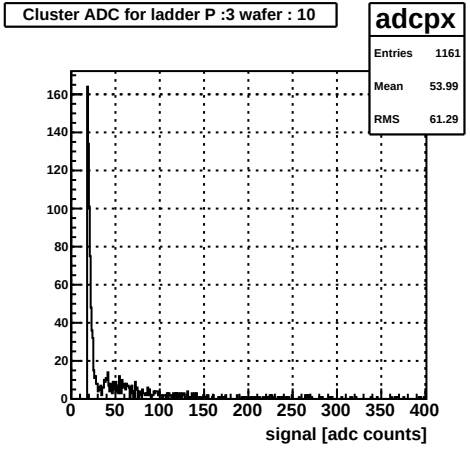

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9510
Mean 25.81
RMS 21.77
signal [adc counts]

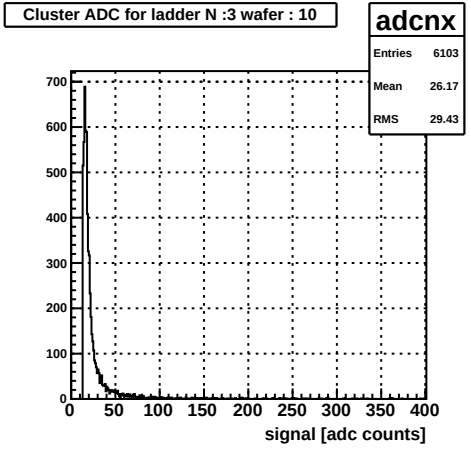

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 7014
Mean 62.59
RMS 71.07
signal [adc counts]

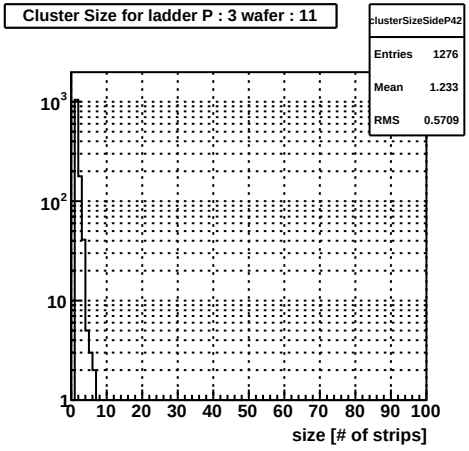

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1161
Mean 1.265
RMS 0.6459
size [# of strips]

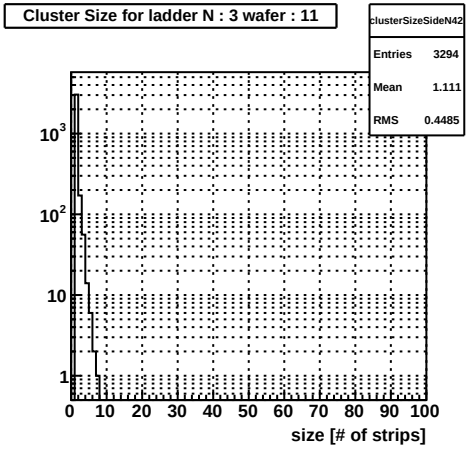

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 6103
Mean 1.132
RMS 0.4611
size [# of strips]

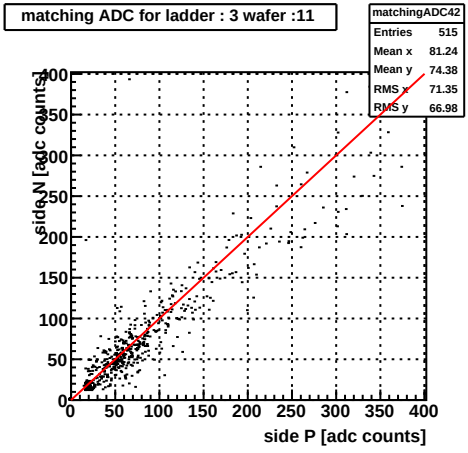

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 452
Mean x 87.24
Mean y 87.53
RMS x 68.84
RMS y 69.6
side N [adc counts]
side P [adc counts]

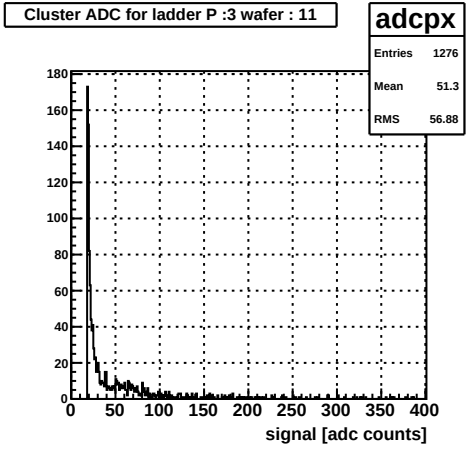

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1161
Mean 53.99
RMS 61.29
signal [adc counts]

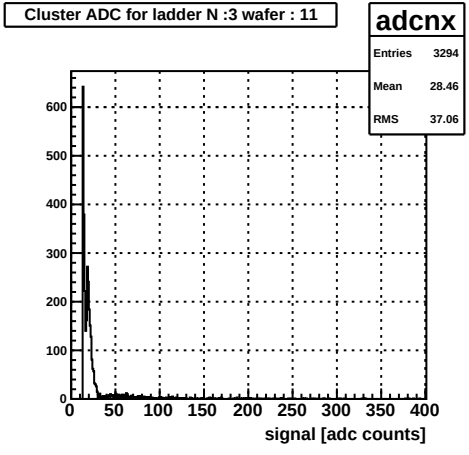

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 6103
Mean 26.17
RMS 29.43
signal [adc counts]

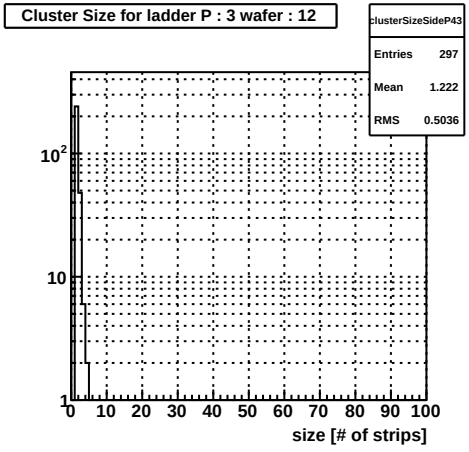

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1276
Mean 1.233
RMS 0.5709
size [# of strips]

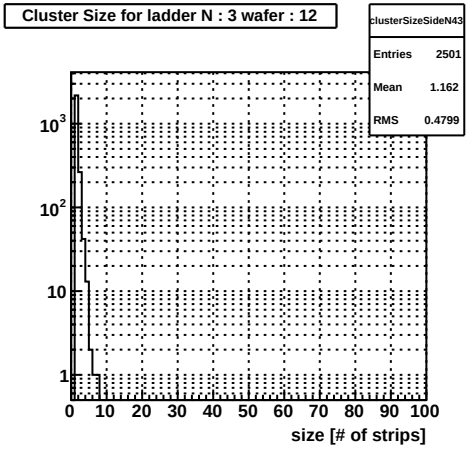

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3294
Mean 1.111
RMS 0.4485
size [# of strips]

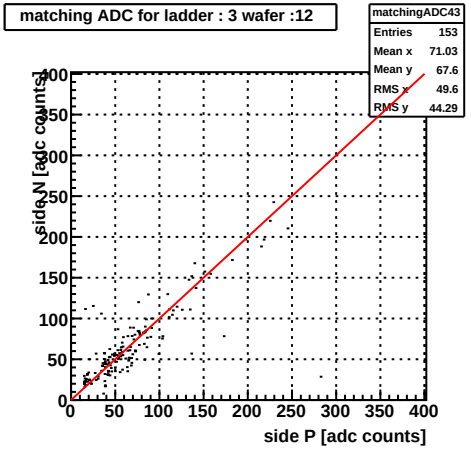

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 515
Mean x 81.24
Mean y 74.38
RMS x 71.35
RMS y 66.98
side N [adc counts]
side P [adc counts]

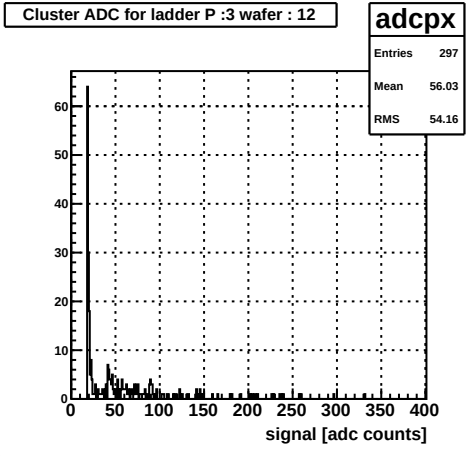

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1276
Mean 51.3
RMS 56.88
signal [adc counts]

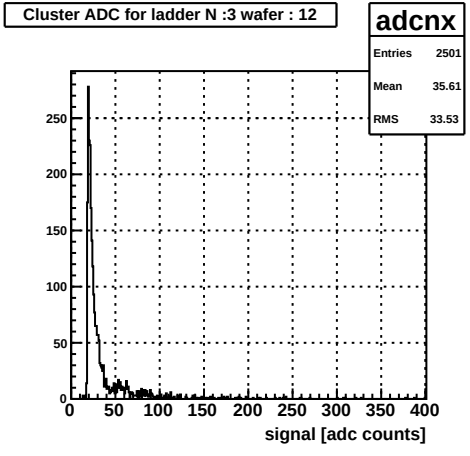

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3294
Mean 28.46
RMS 37.06
signal [adc counts]

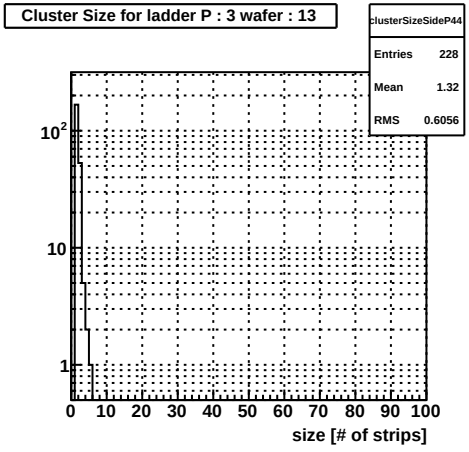

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 297
Mean 1.222
RMS 0.5036
size [# of strips]

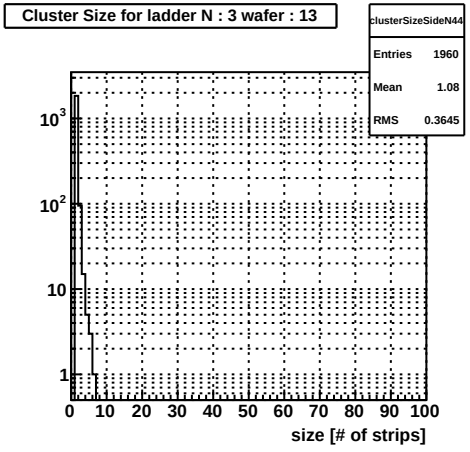

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2501
Mean 1.162
RMS 0.4799
size [# of strips]

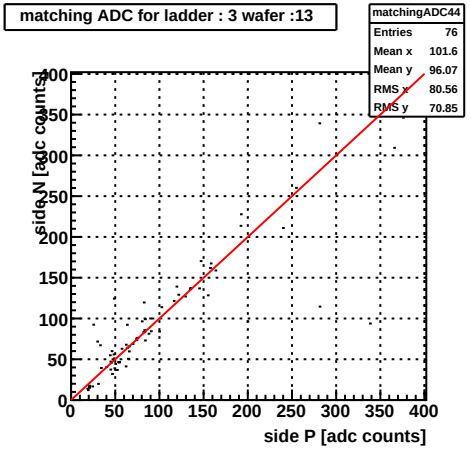

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 153
Mean x 71.03
Mean y 67.6
RMS x 49.6
RMS y 44.29
side N [adc counts]
side P [adc counts]

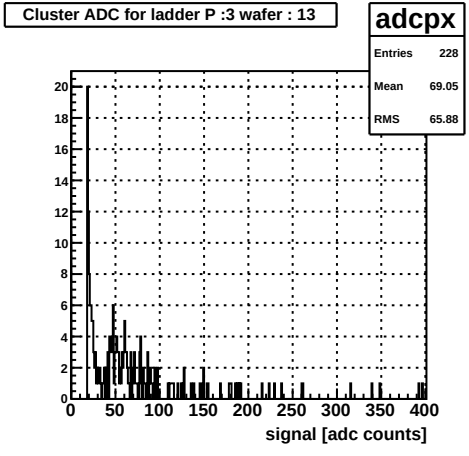

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 297
Mean 56.03
RMS 54.16
signal [adc counts]

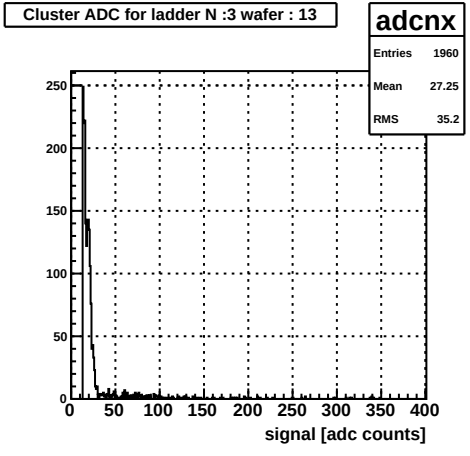

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2501
Mean 35.61
RMS 33.53
signal [adc counts]

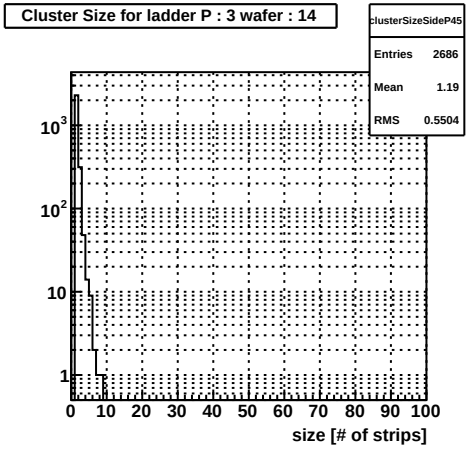

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 228
Mean 1.32
RMS 0.6056
size [# of strips]

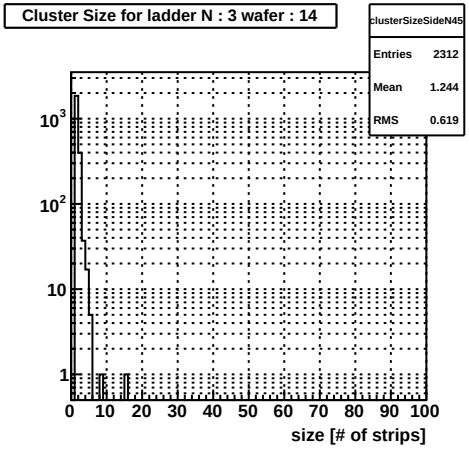

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1960
Mean 1.08
RMS 0.3645
size [# of strips]

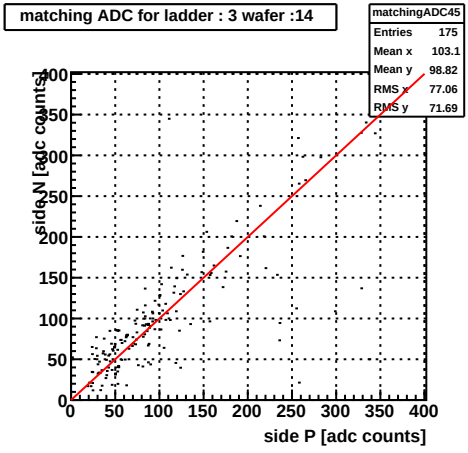

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 76
Mean x 101.6
Mean y 96.07
RMS x 80.56
RMS y 70.85
side N [adc counts]
side P [adc counts]

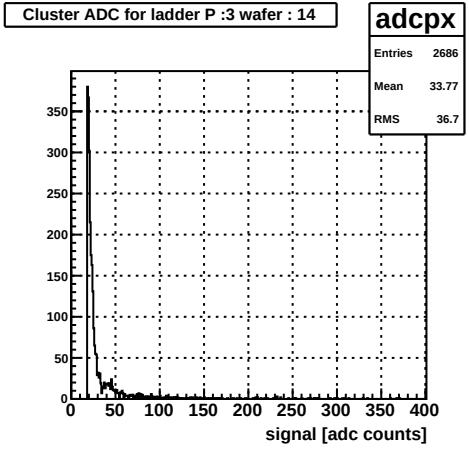

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 228
Mean 69.05
RMS 65.88
signal [adc counts]

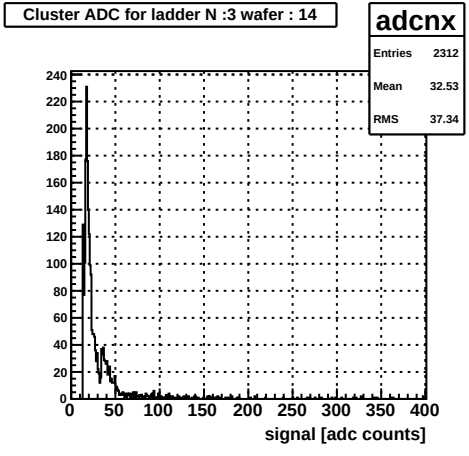

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1960
Mean 27.25
RMS 35.2
signal [adc counts]

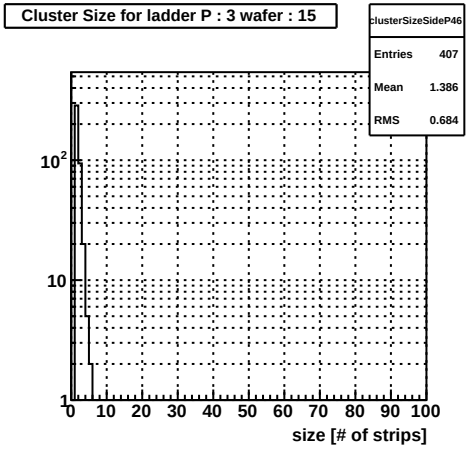

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2686
Mean 1.19
RMS 0.5504
size [# of strips]

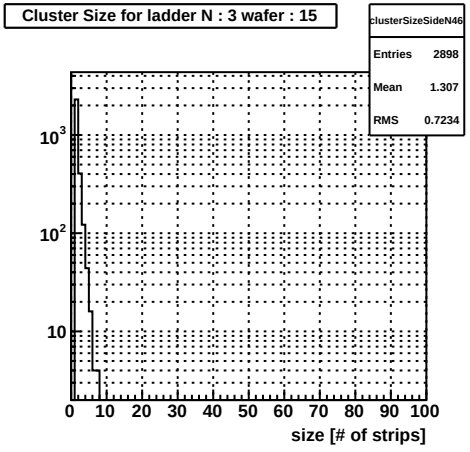

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2312
Mean 1.244
RMS 0.619
size [# of strips]

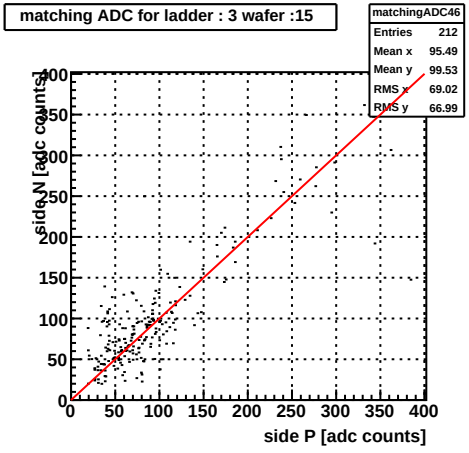

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 175
Mean x 103.1
Mean y 98.82
RMS x 77.06
RMS y 71.69
side N [adc counts]
side P [adc counts]

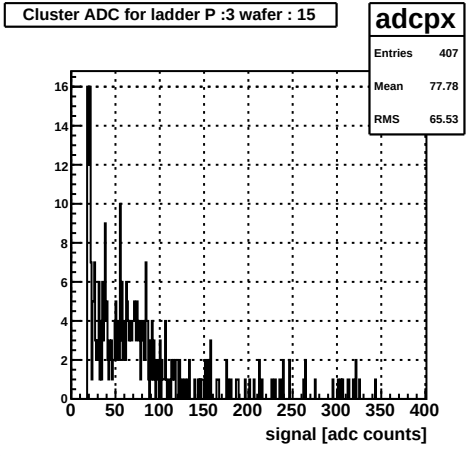

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2686
Mean 33.77
RMS 36.7
signal [adc counts]

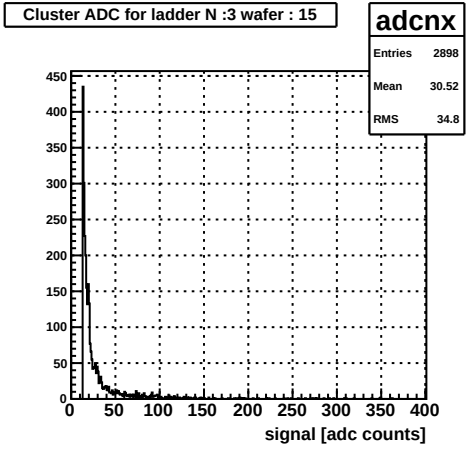

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2312
Mean 32.53
RMS 37.34
signal [adc counts]

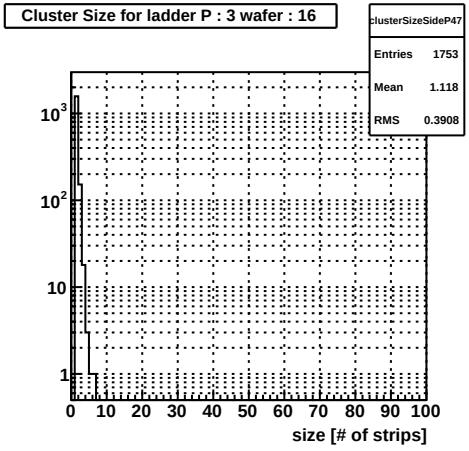

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 407
Mean 1.386
RMS 0.684
size [# of strips]

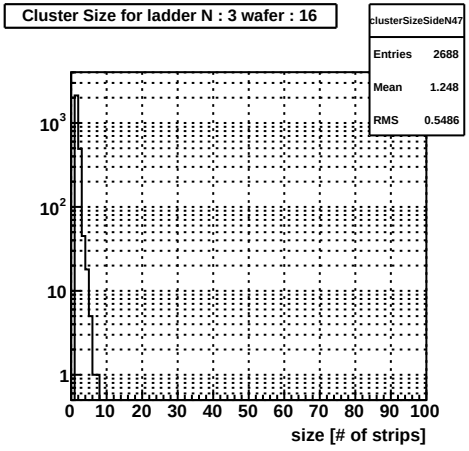

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2898
Mean 1.307
RMS 0.7234
size [# of strips]

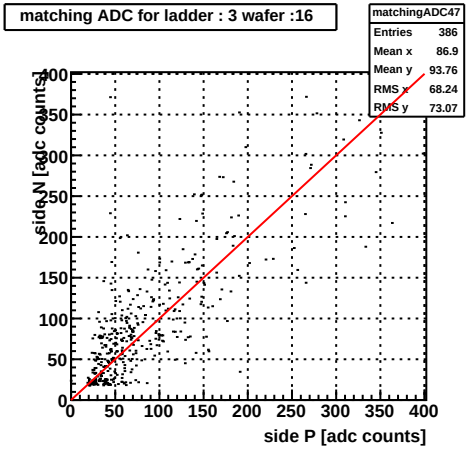

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 212
Mean x 95.49
Mean y 99.53
RMS x 69.02
RMS y 66.99
side N [adc counts]
side P [adc counts]

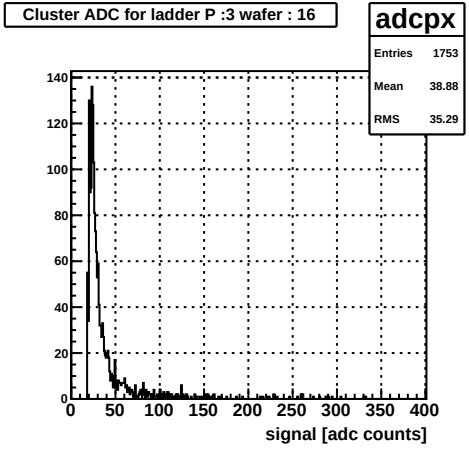

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 407
Mean 77.78
RMS 65.53
signal [adc counts]

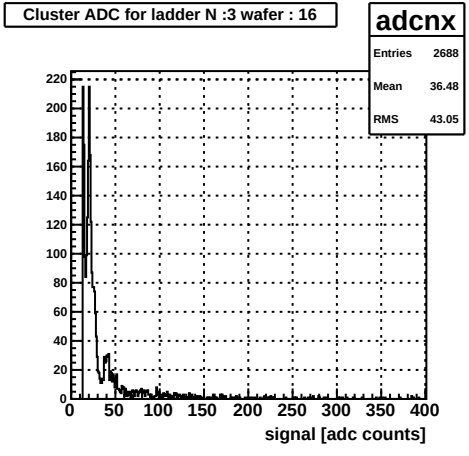

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2898
Mean 30.52
RMS 34.8
signal [adc counts]

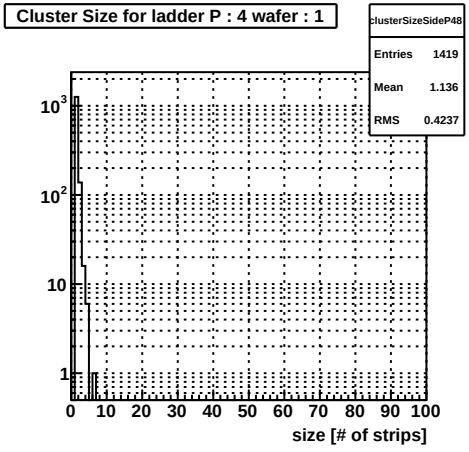

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1753
Mean 1.118
RMS 0.3908
size [# of strips]

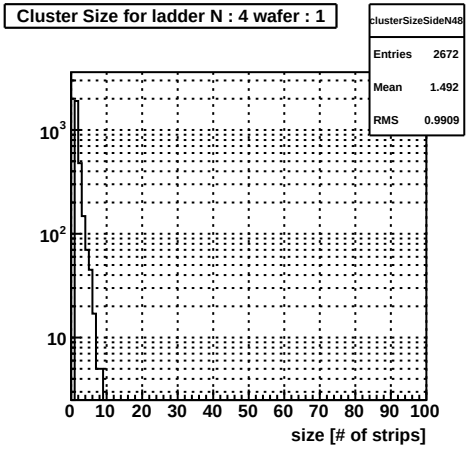

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2688
Mean 1.248
RMS 0.5486
size [# of strips]

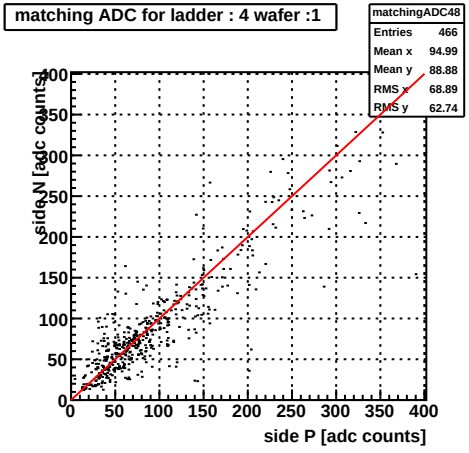

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 386
Mean x 86.9
Mean y 93.76
RMS x 68.24
RMS y 73.07
side N [adc counts]
side P [adc counts]

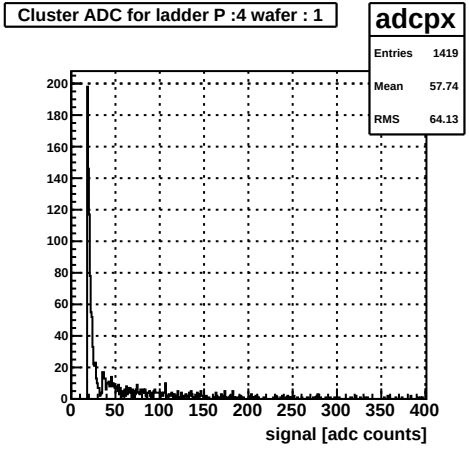

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1753
Mean 38.88
RMS 35.29
signal [adc counts]

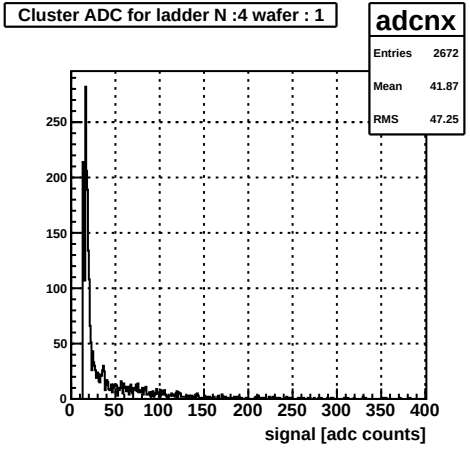

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2688
Mean 36.48
RMS 43.05
signal [adc counts]

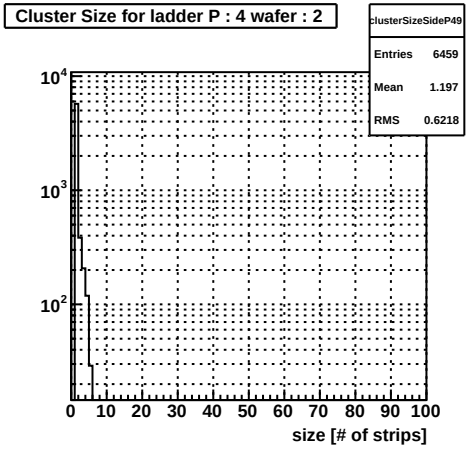

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1419
Mean 1.136
RMS 0.4237
size [# of strips]

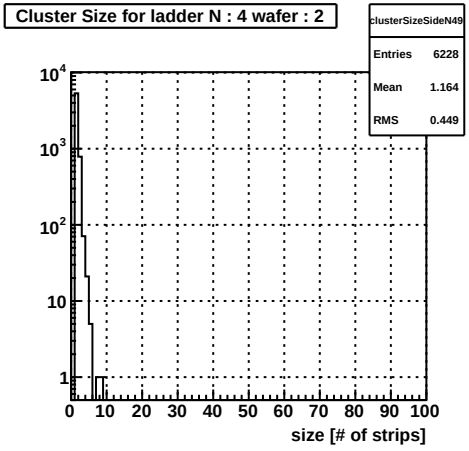

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2672
Mean 1.492
RMS 0.9909
size [# of strips]

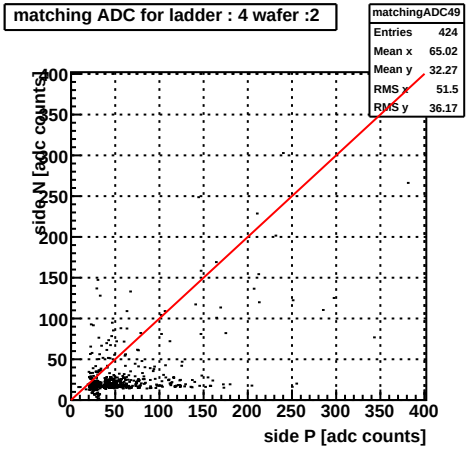

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 466
Mean x 94.99
Mean y 88.88
RMS x 68.89
RMS y 62.74
side N [adc counts]
side P [adc counts]

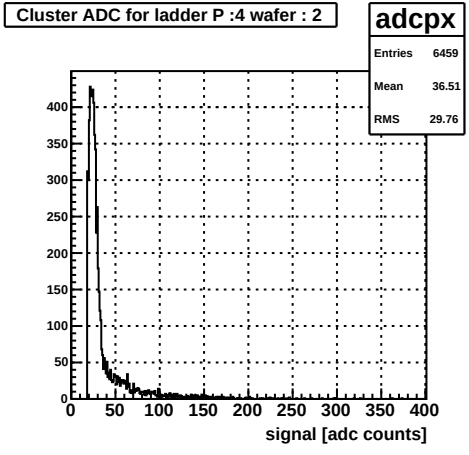

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1419
Mean 57.74
RMS 64.13
signal [adc counts]

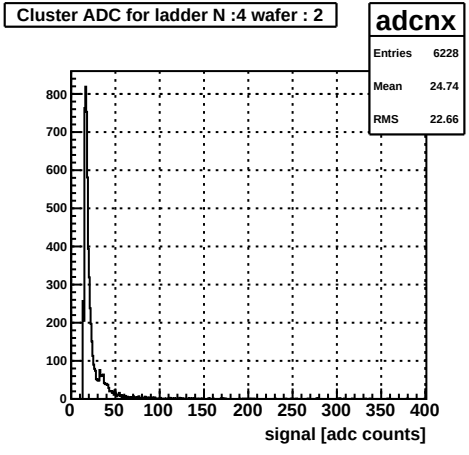

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2672
Mean 41.87
RMS 47.25
signal [adc counts]

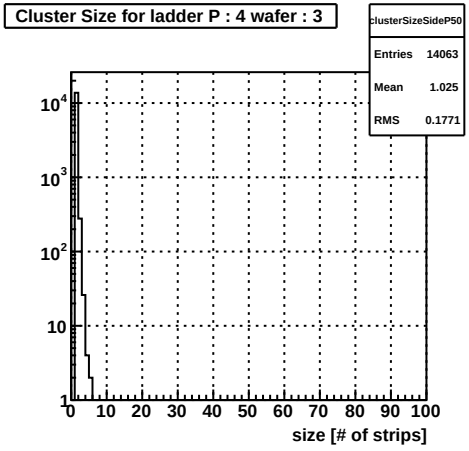

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6459
Mean 1.197
RMS 0.6218
size [# of strips]

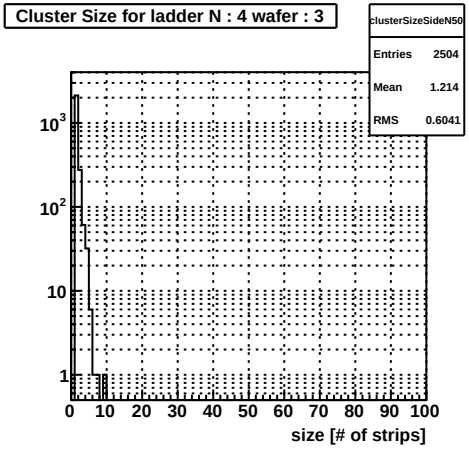

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6228
Mean 1.164
RMS 0.449
size [# of strips]

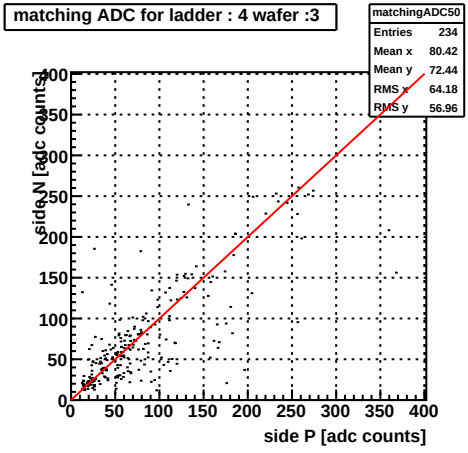

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 424
Mean x 65.02
Mean y 32.27
RMS x 51.5
RMS y 36.17
side N [adc counts]
side P [adc counts]

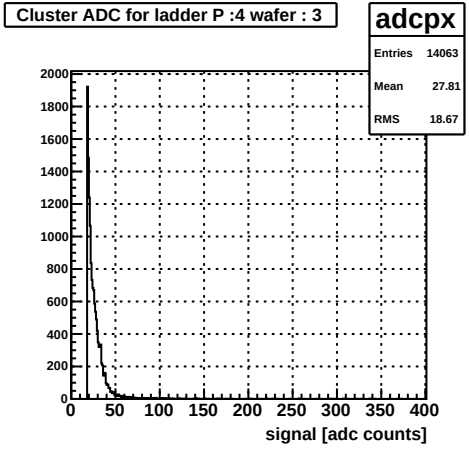

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6459
Mean 36.51
RMS 29.76
signal [adc counts]

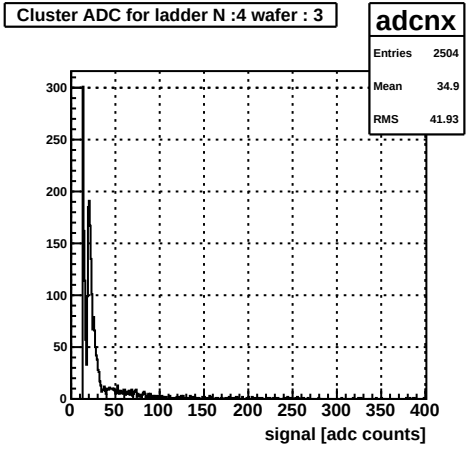

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6228
Mean 24.74
RMS 22.66
signal [adc counts]

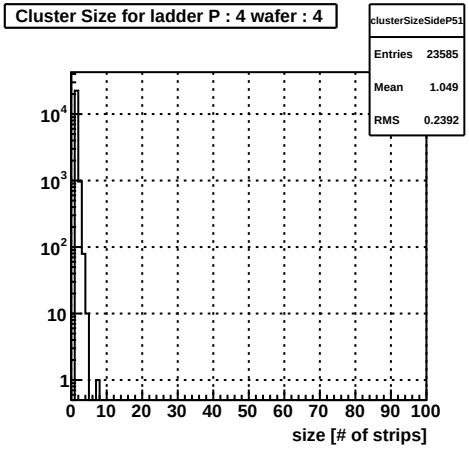

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14063
Mean 1.025
RMS 0.1771
size [# of strips]

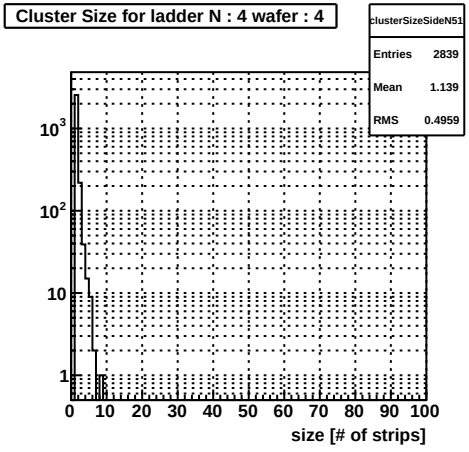

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2504
Mean 1.214
RMS 0.6041
size [# of strips]

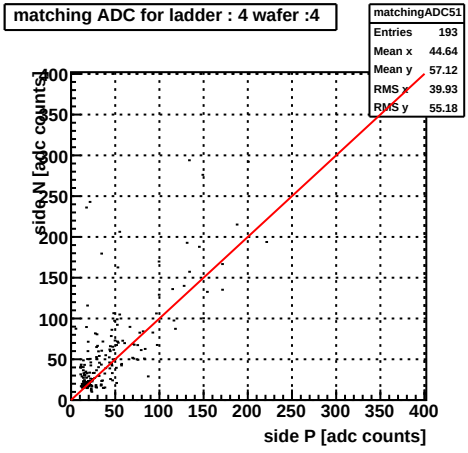

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 234
Mean x 80.42
Mean y 72.44
RMS x 64.18
RMS y 56.96
side N [adc counts]
side P [adc counts]

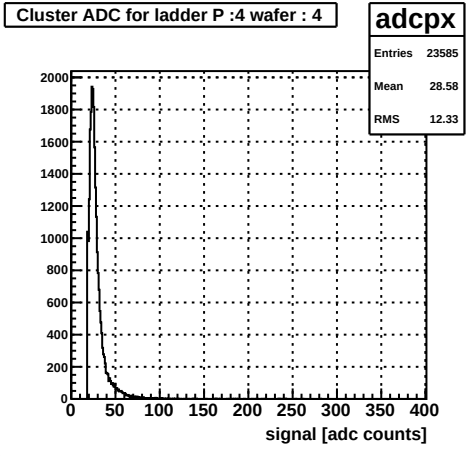

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14063
Mean 27.81
RMS 18.67
signal [adc counts]

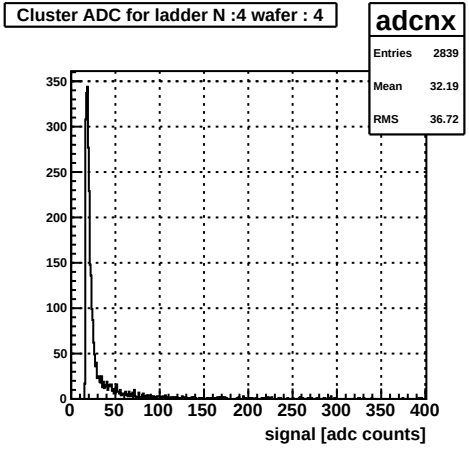

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2504
Mean 34.9
RMS 41.93
signal [adc counts]

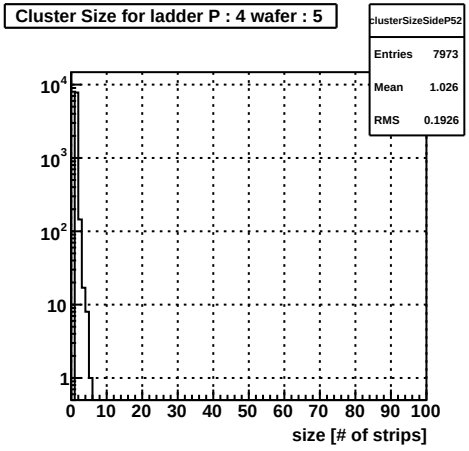

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 23585
Mean 1.049
RMS 0.2392
size [# of strips]

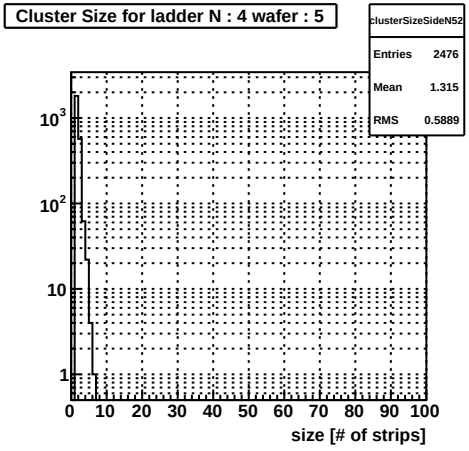

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2839
Mean 1.139
RMS 0.4959
size [# of strips]

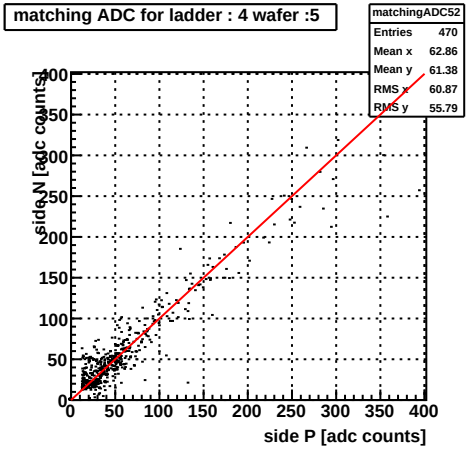

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 193
Mean x 44.64
Mean y 57.12
RMS x 39.93
RMS y 55.18
side N [adc counts]
side P [adc counts]

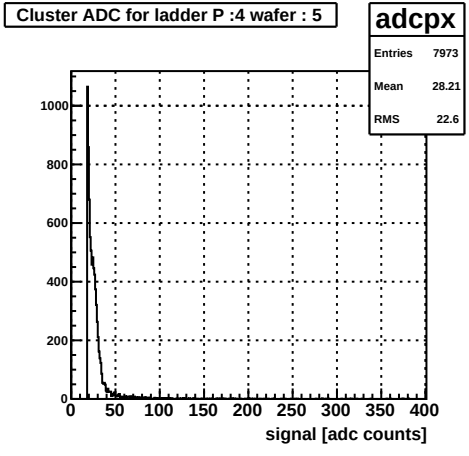

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 23585
Mean 28.58
RMS 12.33
signal [adc counts]

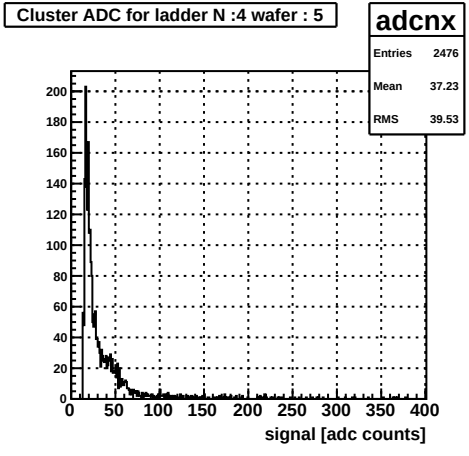

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2839
Mean 32.19
RMS 36.72
signal [adc counts]

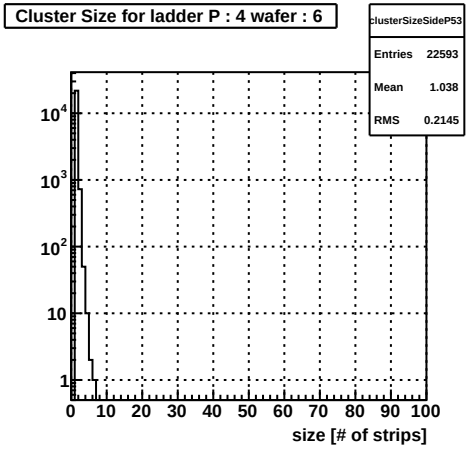

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7973
Mean 1.026
RMS 0.1926
size [# of strips]

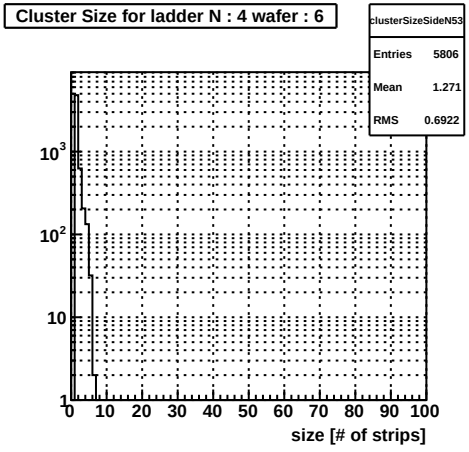

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2476
Mean 1.315
RMS 0.5889
size [# of strips]

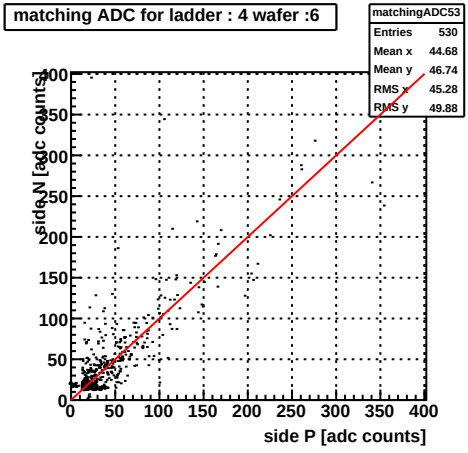

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 470
Mean x 62.86
Mean y 61.38
RMS x 60.87
RMS y 55.79
side N [adc counts]
side P [adc counts]

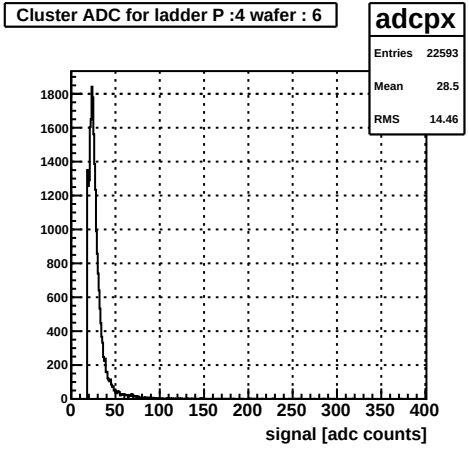

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7973
Mean 28.21
RMS 22.6
signal [adc counts]

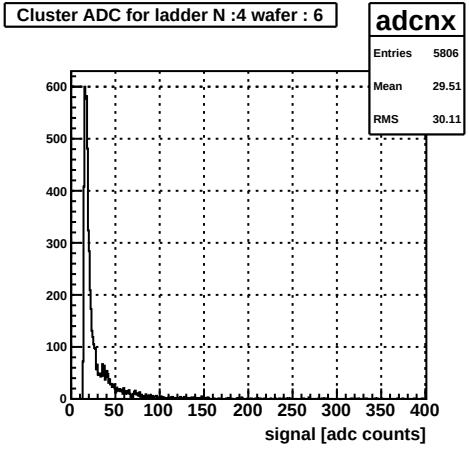

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2476
Mean 37.23
RMS 39.53
signal [adc counts]

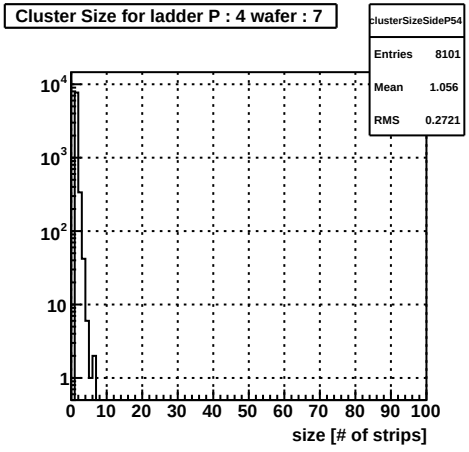

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 22593
Mean 1.038
RMS 0.2145
size [# of strips]

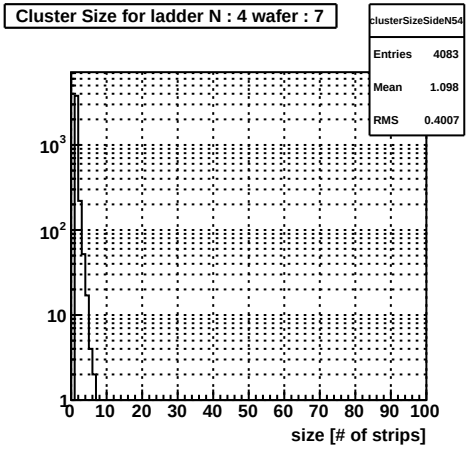

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 5806
Mean 1.271
RMS 0.6922
size [# of strips]

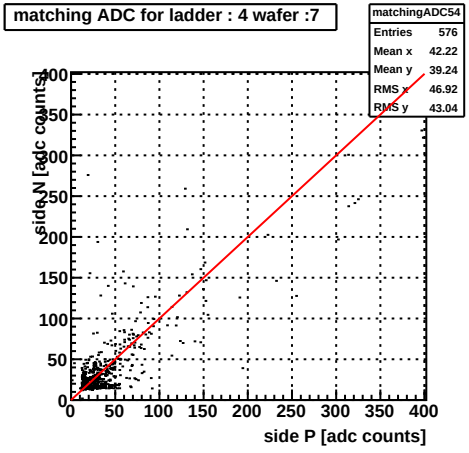

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 530
Mean x 44.68
Mean y 46.74
RMS x 45.28
RMS y 49.88
side N [adc counts]
side P [adc counts]

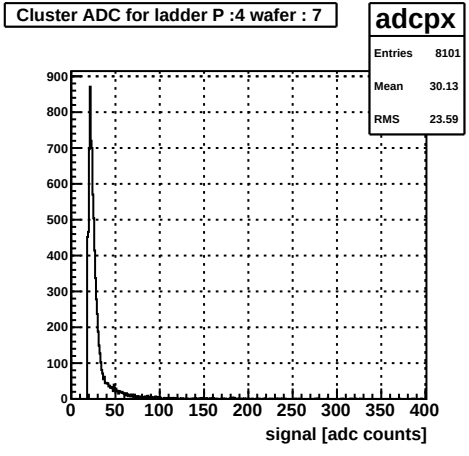

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 22593
Mean 28.5
RMS 14.46
signal [adc counts]

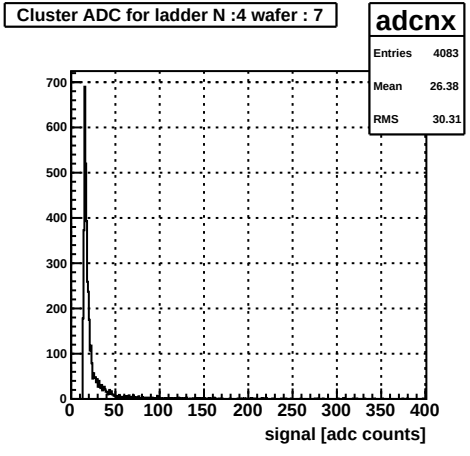

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 5806
Mean 29.51
RMS 30.11
signal [adc counts]

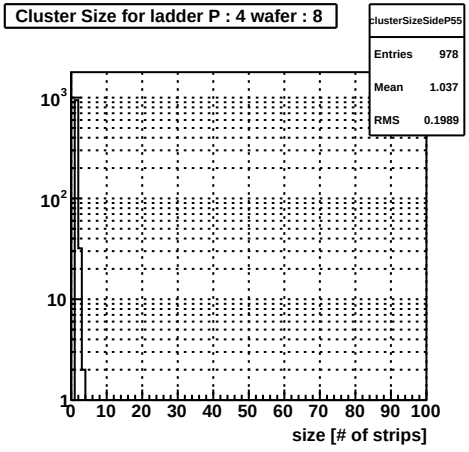

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 8101
Mean 1.056
RMS 0.2721
size [# of strips]

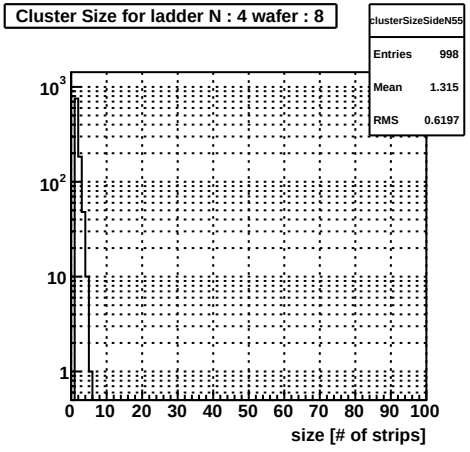

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4083
Mean 1.098
RMS 0.4007
size [# of strips]

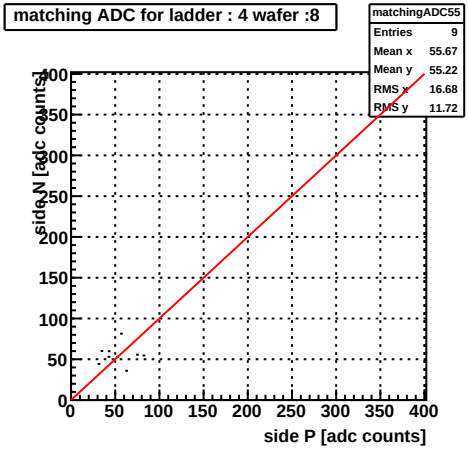

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 576
Mean x 42.22
Mean y 39.24
RMS x 46.92
RMS y 43.04
side N [adc counts]
side P [adc counts]

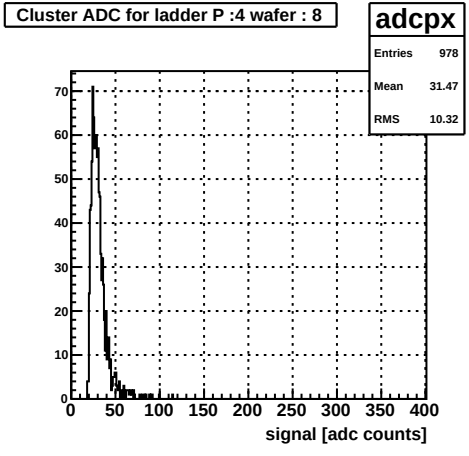

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 8101
Mean 30.13
RMS 23.59
signal [adc counts]

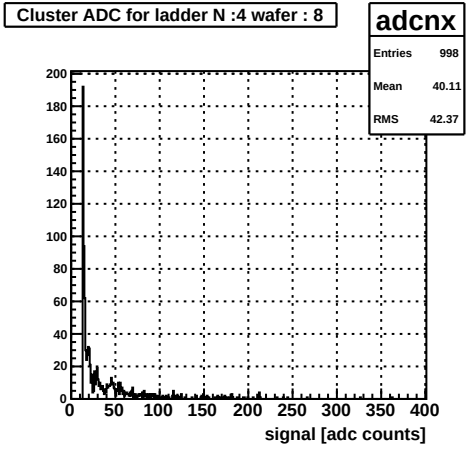

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4083
Mean 26.38
RMS 30.31
signal [adc counts]

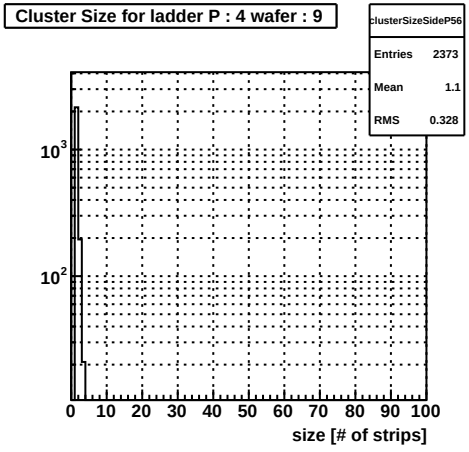

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 978
Mean 1.037
RMS 0.1989
size [# of strips]

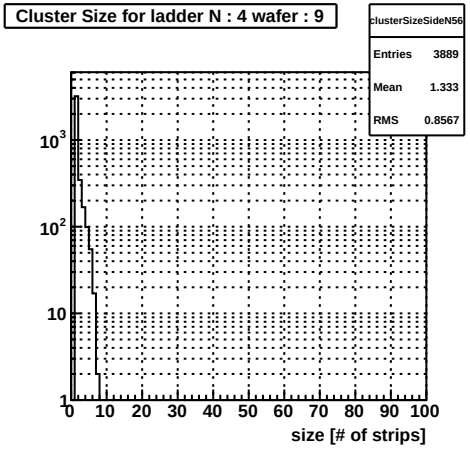

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 998
Mean 1.315
RMS 0.6197
size [# of strips]

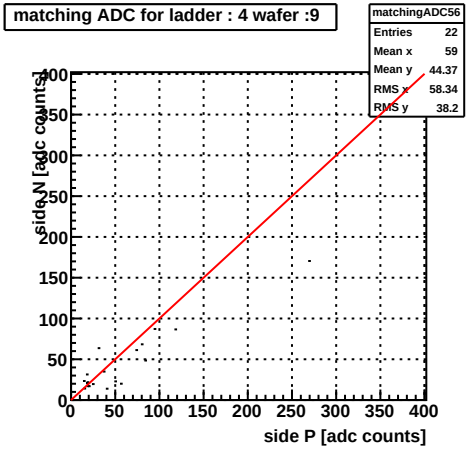

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 9
Mean x 55.67
Mean y 55.22
RMS x 16.68
RMS y 11.72
side N [adc counts]
side P [adc counts]

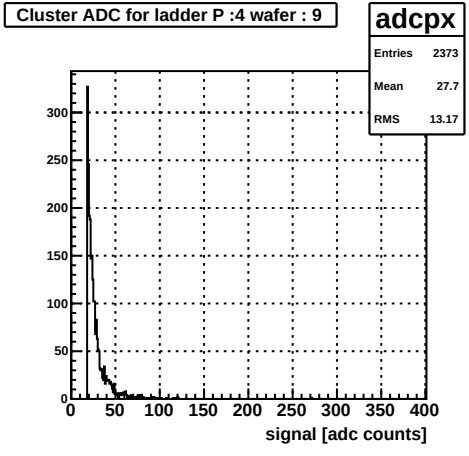

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 978
Mean 31.47
RMS 10.32
signal [adc counts]

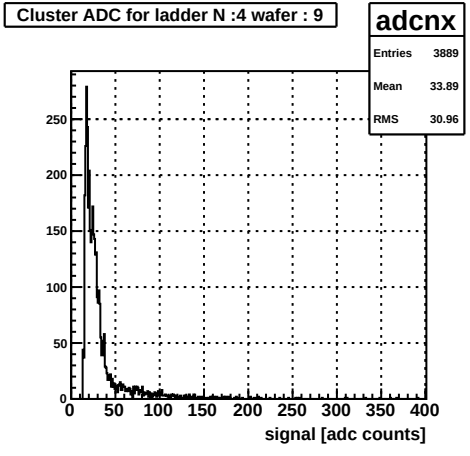

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 998
Mean 40.11
RMS 42.37
signal [adc counts]

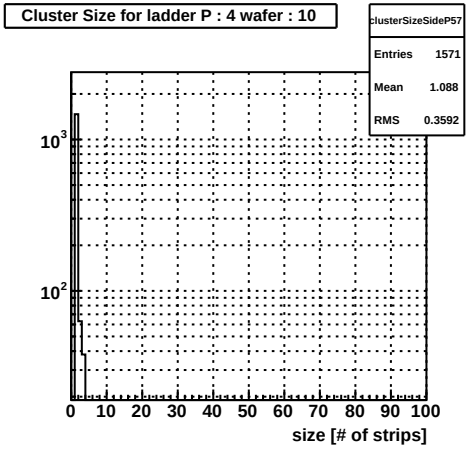

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2373
Mean 1.1
RMS 0.328
size [# of strips]

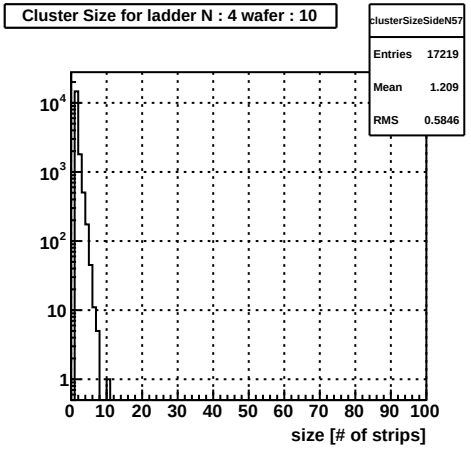

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3889
Mean 1.333
RMS 0.8567
size [# of strips]

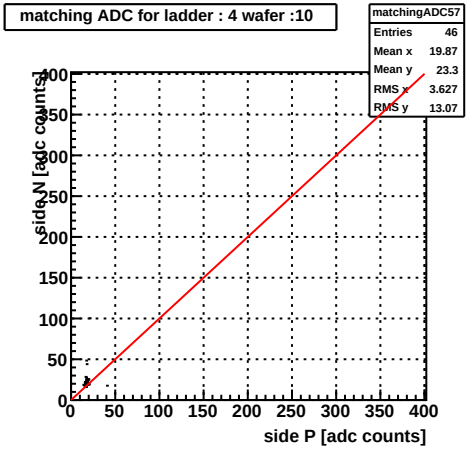

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 22
Mean x 59
Mean y 44.37
RMS x 58.34
RMS y 38.2
side N [adc counts]
side P [adc counts]

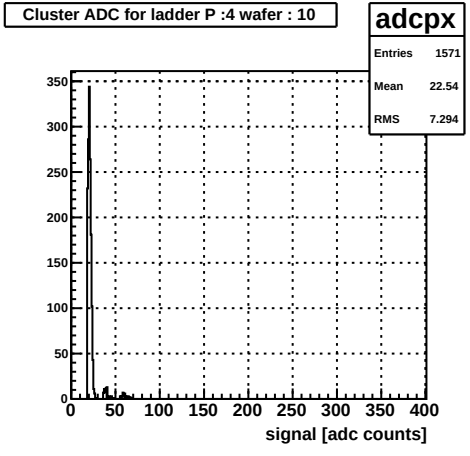

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2373
Mean 27.7
RMS 13.17
signal [adc counts]

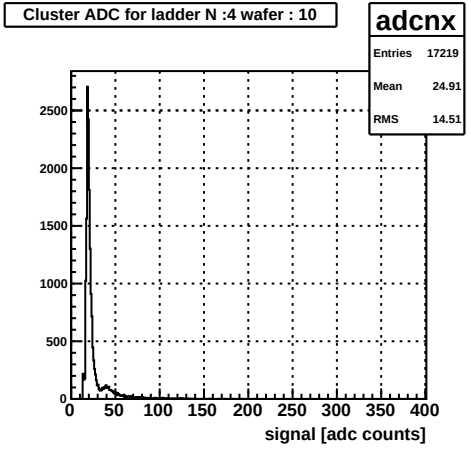

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3889
Mean 33.89
RMS 30.96
signal [adc counts]

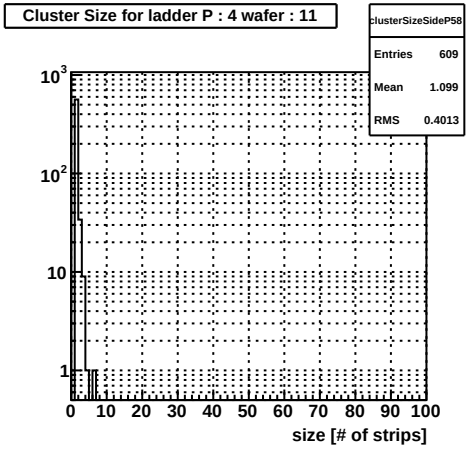

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1571
Mean 1.088
RMS 0.3592
size [# of strips]

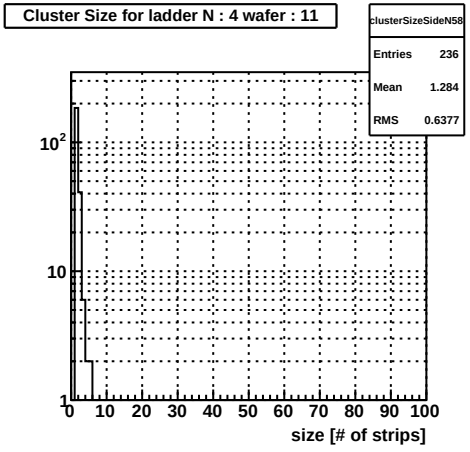

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17219
Mean 1.209
RMS 0.5846
size [# of strips]

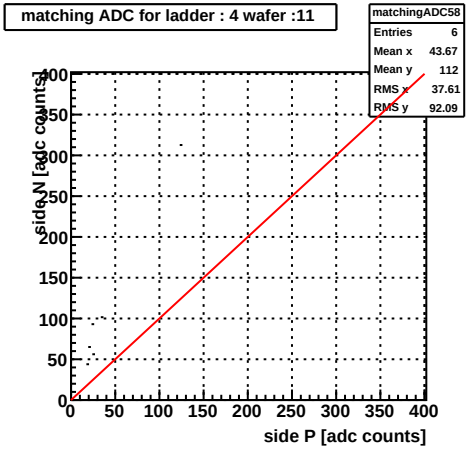

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 46
Mean x 19.87
Mean y 23.3
RMS x 3.627
RMS y 13.07
side N [adc counts]
side P [adc counts]

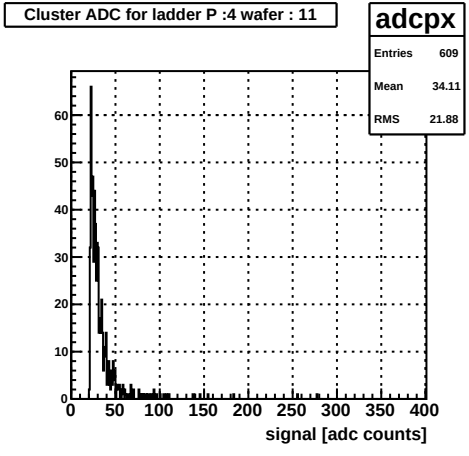

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1571
Mean 22.54
RMS 7.294
signal [adc counts]

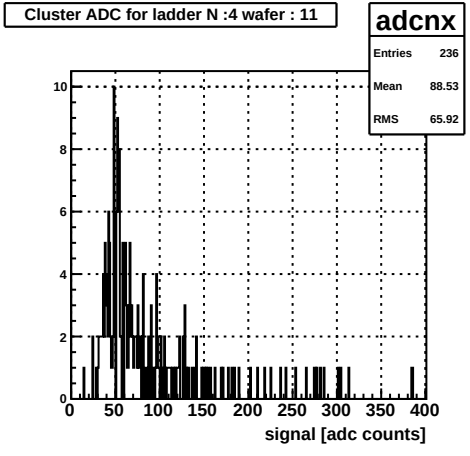

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17219
Mean 24.91
RMS 14.51
signal [adc counts]

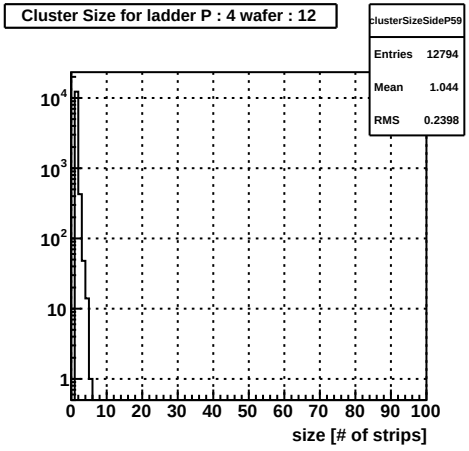

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 609
Mean 1.099
RMS 0.4013
size [# of strips]

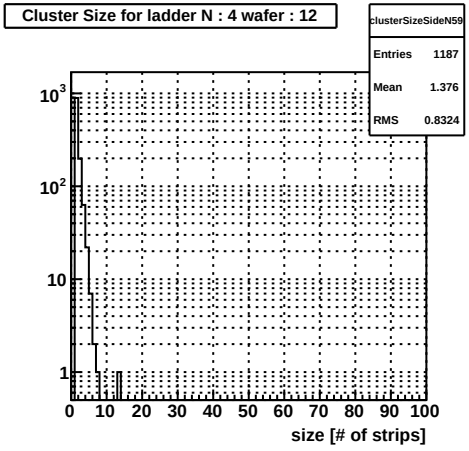

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 236
Mean 1.284
RMS 0.6377
size [# of strips]

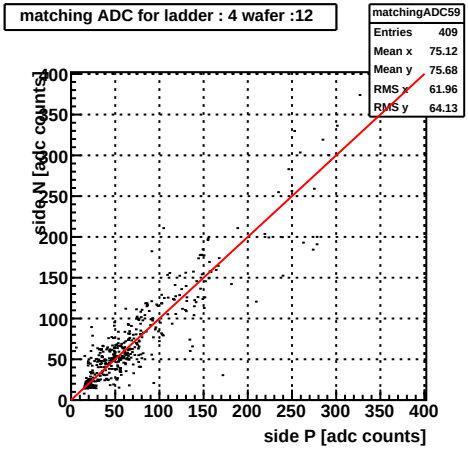

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 6
Mean x 43.67
Mean y 112
RMS x 37.61
RMS y 92.09
side N [adc counts]
side P [adc counts]

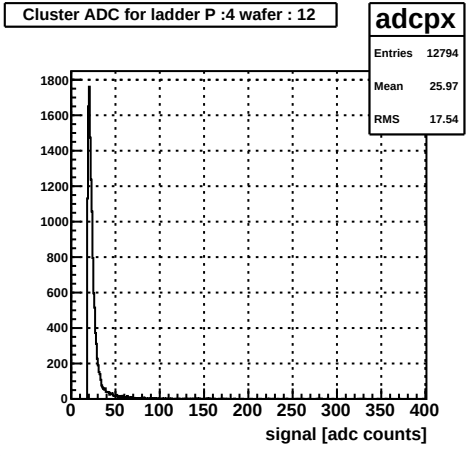

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 609
Mean 34.11
RMS 21.88
signal [adc counts]

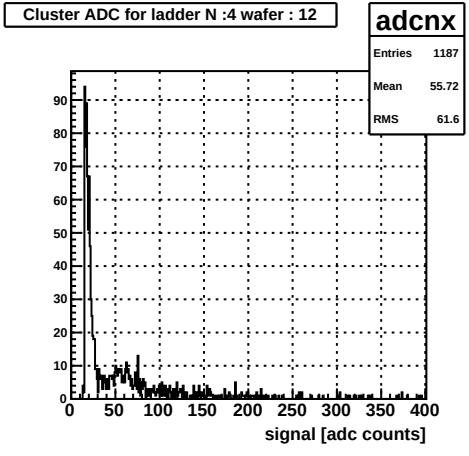

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 236
Mean 88.53
RMS 65.92
signal [adc counts]

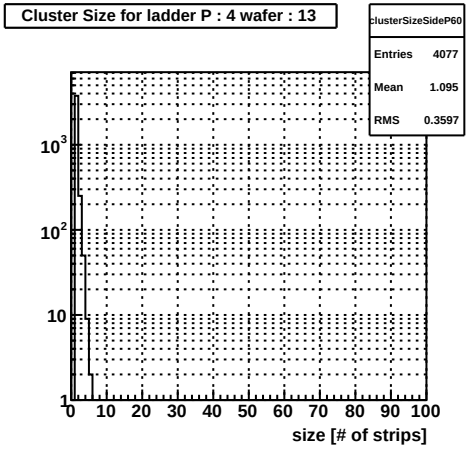

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12794
Mean 1.044
RMS 0.2398
size [# of strips]

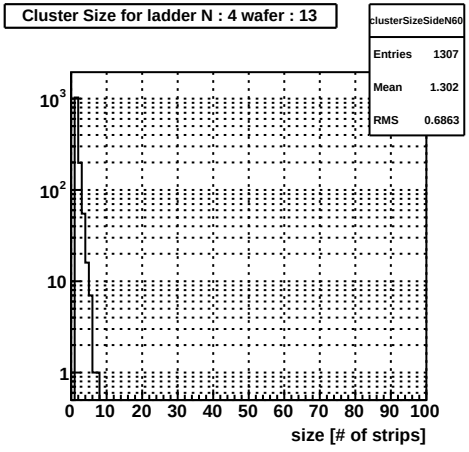

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1187
Mean 1.376
RMS 0.8324
size [# of strips]

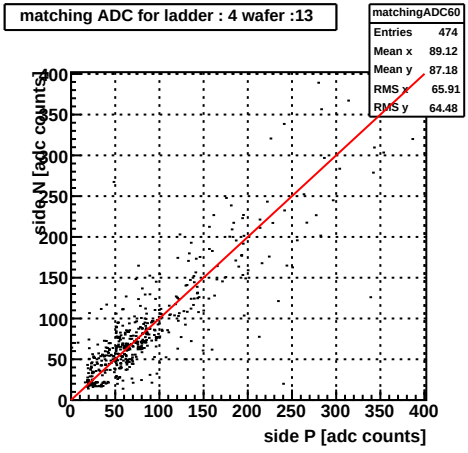

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 409
Mean x 75.12
Mean y 75.68
RMS x 61.96
RMS y 64.13
side N [adc counts]
side P [adc counts]

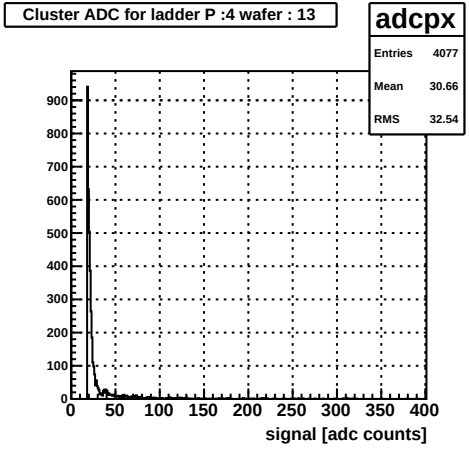

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12794
Mean 25.97
RMS 17.54
signal [adc counts]

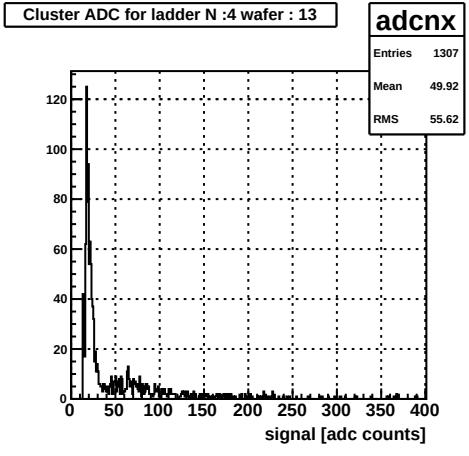

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1187
Mean 55.72
RMS 61.6
signal [adc counts]

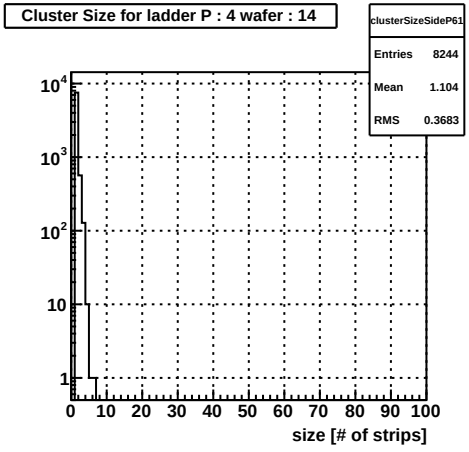

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4077
Mean 1.095
RMS 0.3597
size [# of strips]

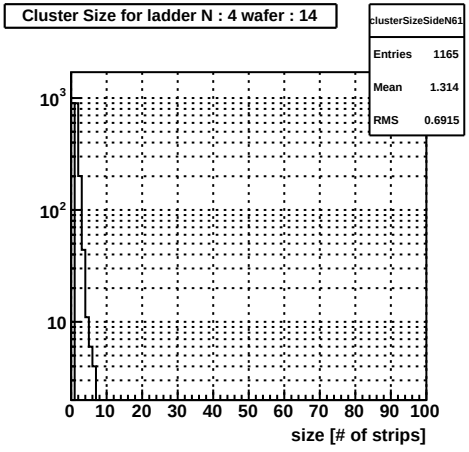

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1307
Mean 1.302
RMS 0.6863
size [# of strips]

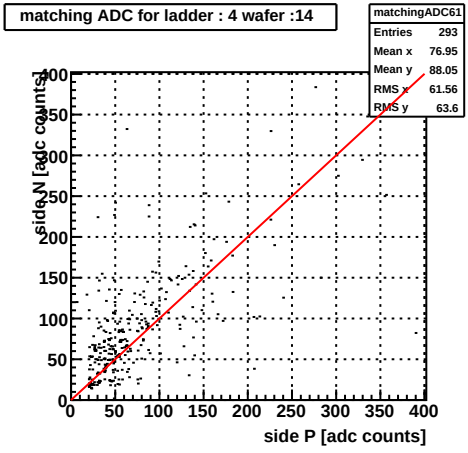

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 474
Mean x 89.12
Mean y 87.18
RMS x 65.91
RMS y 64.48
side N [adc counts]
side P [adc counts]

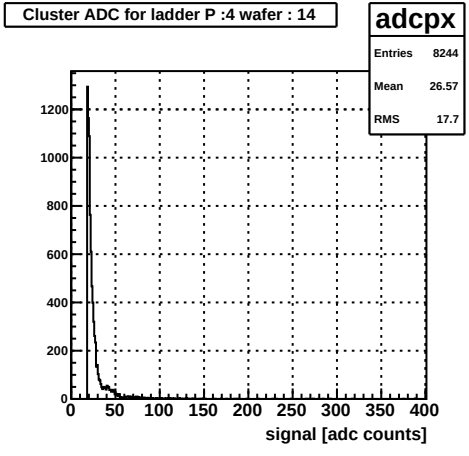

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4077
Mean 30.66
RMS 32.54
signal [adc counts]

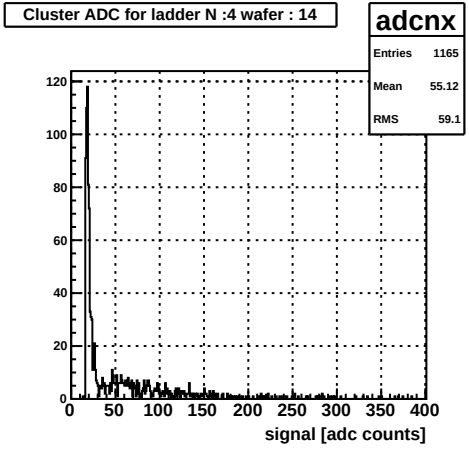

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1307
Mean 49.92
RMS 55.62
signal [adc counts]

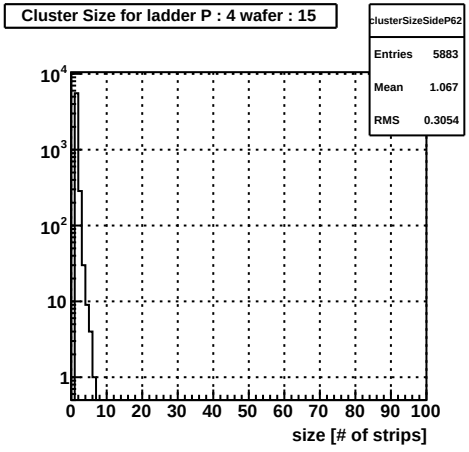

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 8244
Mean 1.104
RMS 0.3683
size [# of strips]

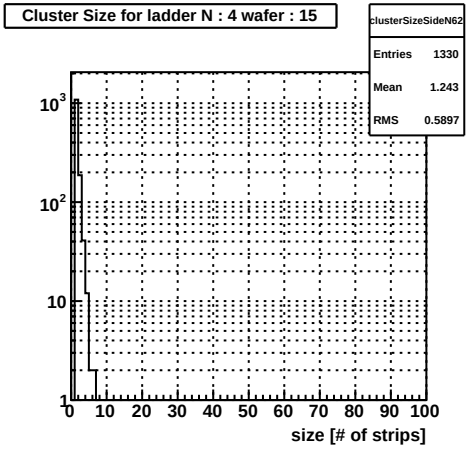

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1165
Mean 1.314
RMS 0.6915
size [# of strips]

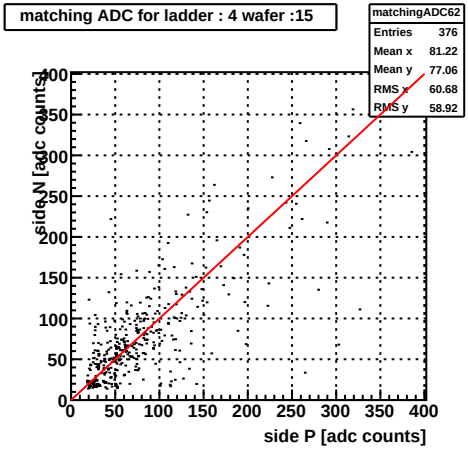

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 293
Mean x 76.95
Mean y 88.05
RMS x 61.56
RMS y 63.6
side N [adc counts]
side P [adc counts]

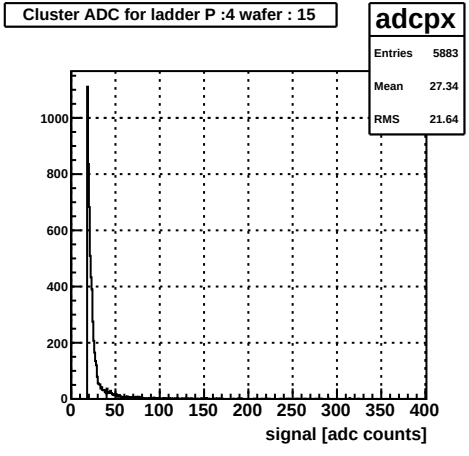

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 8244
Mean 26.57
RMS 17.7
signal [adc counts]

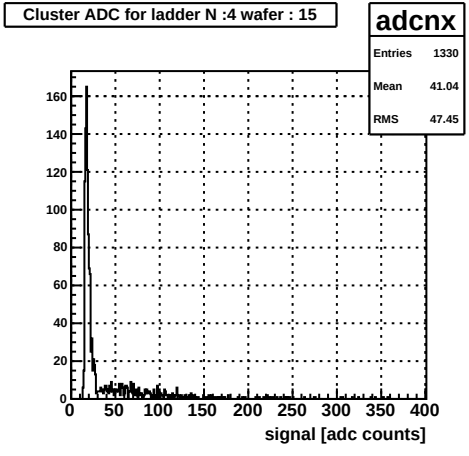

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1165
Mean 55.12
RMS 59.1
signal [adc counts]

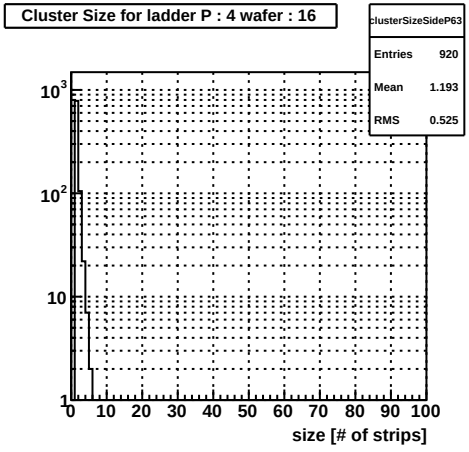

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5883
Mean 1.067
RMS 0.3054
size [# of strips]

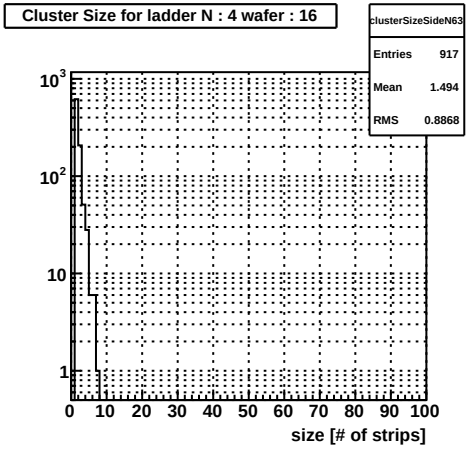

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1330
Mean 1.243
RMS 0.5897
size [# of strips]

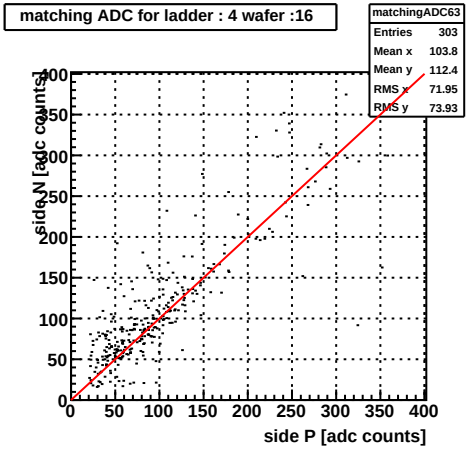

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 376
Mean x 81.22
Mean y 77.06
RMS x 60.68
RMS y 58.92
side N [adc counts]
side P [adc counts]

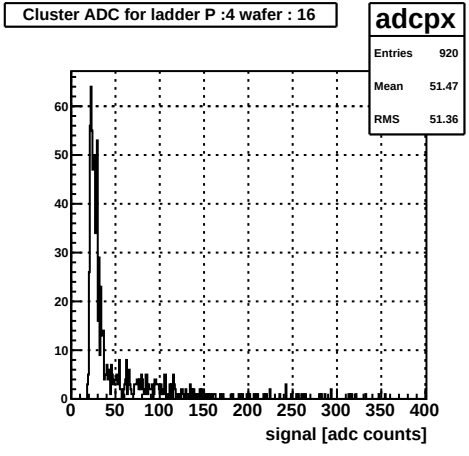

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5883
Mean 27.34
RMS 21.64
signal [adc counts]

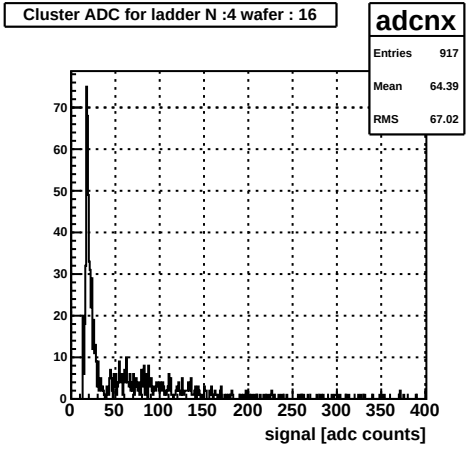

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1330
Mean 41.04
RMS 47.45
signal [adc counts]

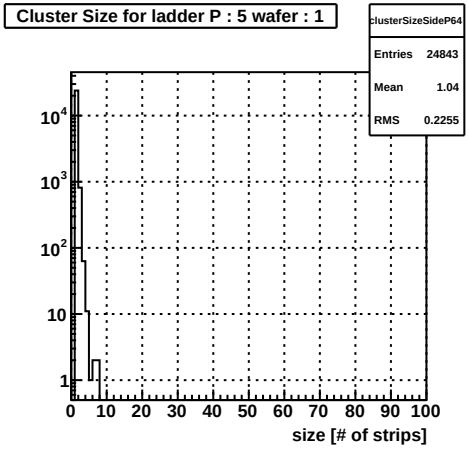

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 920
Mean 1.193
RMS 0.525
size [# of strips]

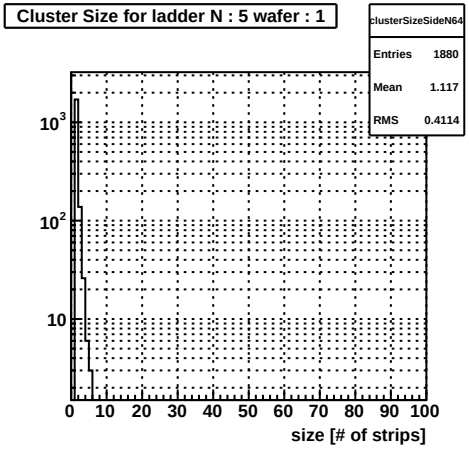

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 917
Mean 1.494
RMS 0.8868
size [# of strips]

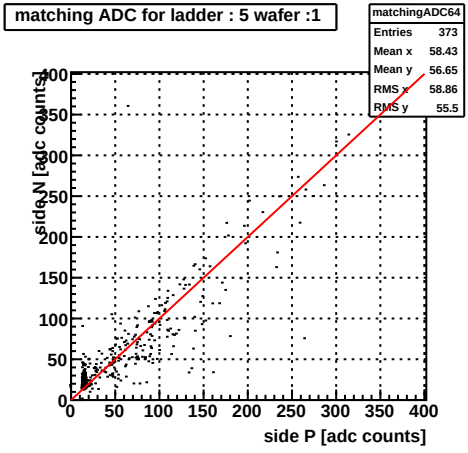

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 303
Mean x 103.8
Mean y 112.4
RMS x 71.95
RMS y 73.93
side N [adc counts]
side P [adc counts]

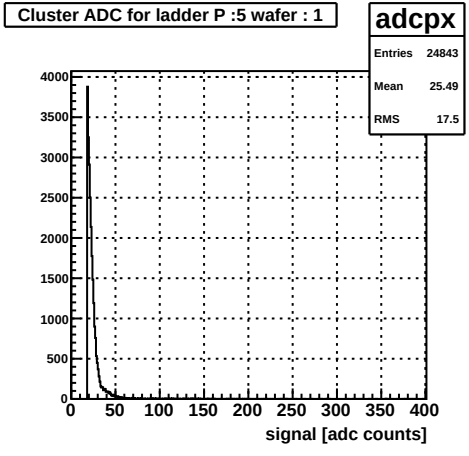

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 920
Mean 51.47
RMS 51.36
signal [adc counts]

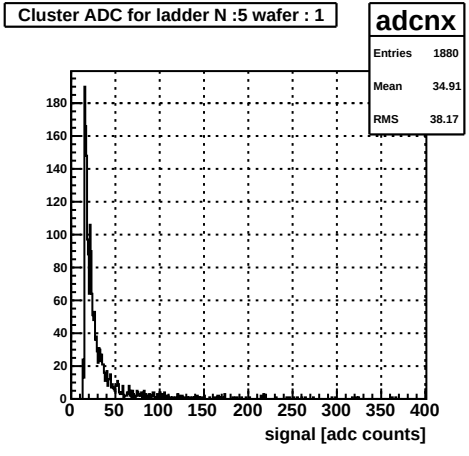

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 917
Mean 64.39
RMS 67.02
signal [adc counts]

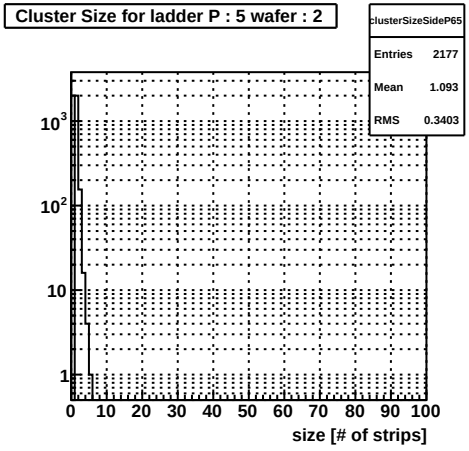

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 24843
Mean 1.04
RMS 0.2255
size [# of strips]

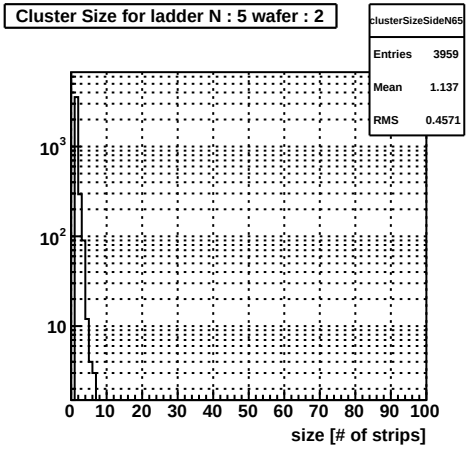

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1880
Mean 1.117
RMS 0.4114
size [# of strips]

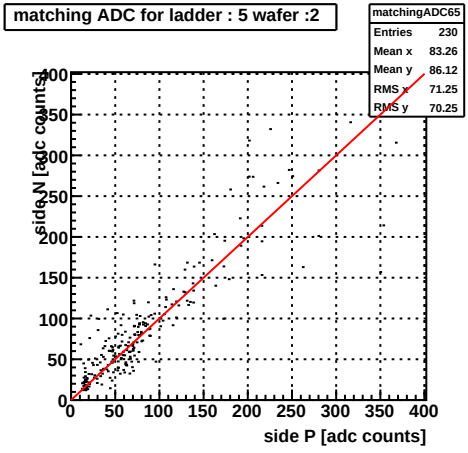

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 373
Mean x 58.43
Mean y 56.65
RMS x 58.86
RMS y 55.5
side N [adc counts]
side P [adc counts]

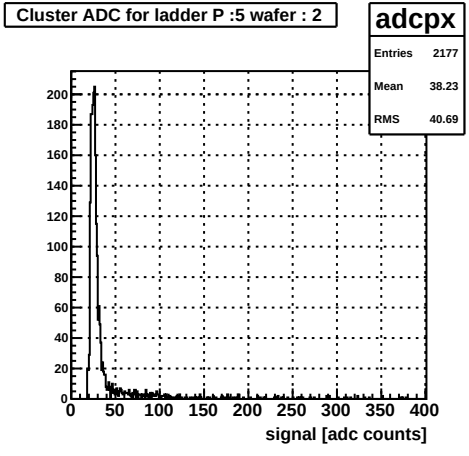

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 24843
Mean 25.49
RMS 17.5
signal [adc counts]

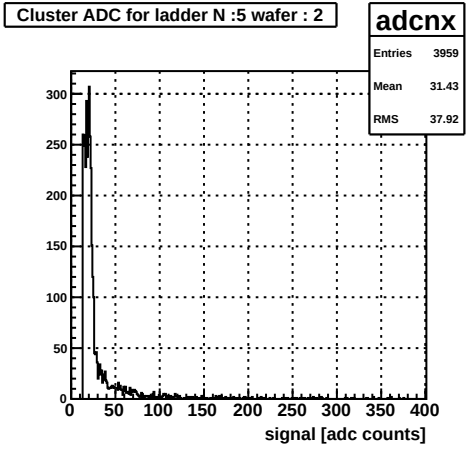

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1880
Mean 34.91
RMS 38.17
signal [adc counts]

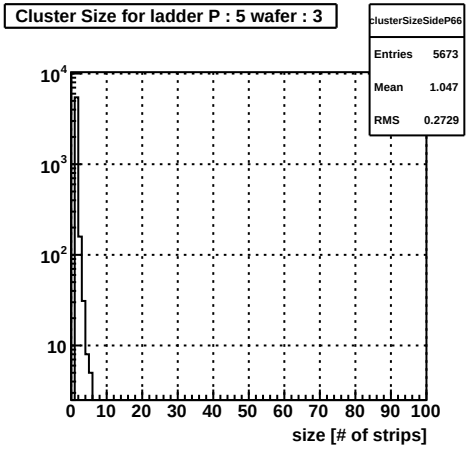

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2177
Mean 1.093
RMS 0.3403
size [# of strips]

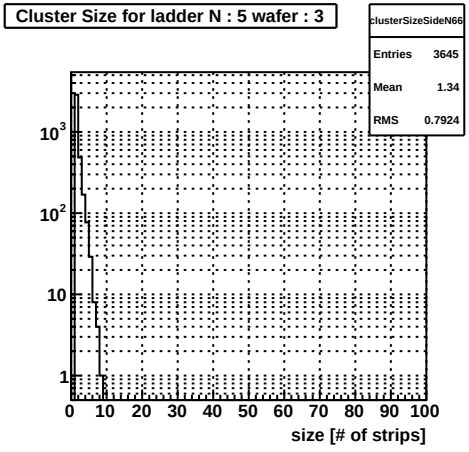

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3959
Mean 1.137
RMS 0.4571
size [# of strips]

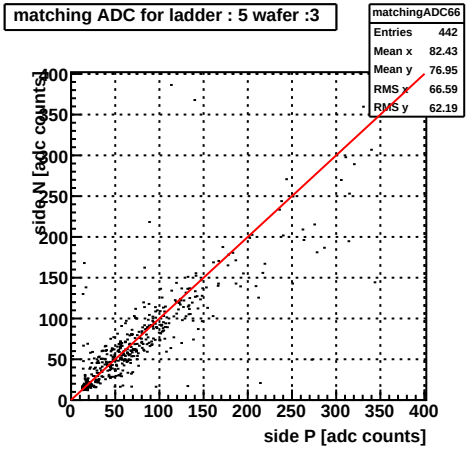

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 230
Mean x 83.26
Mean y 86.12
RMS x 71.25
RMS y 70.25
side N [adc counts]
side P [adc counts]

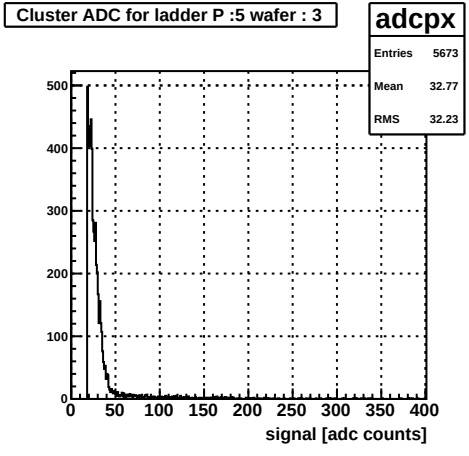

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2177
Mean 38.23
RMS 40.69
signal [adc counts]

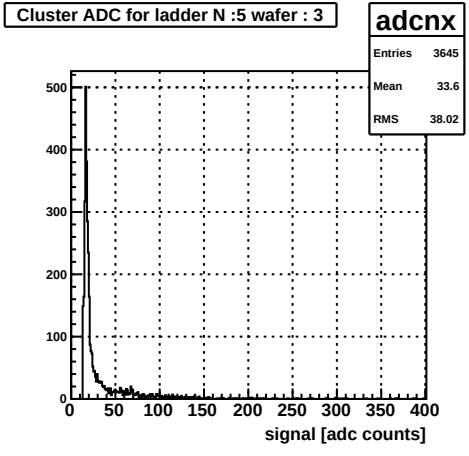

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3959
Mean 31.43
RMS 37.92
signal [adc counts]

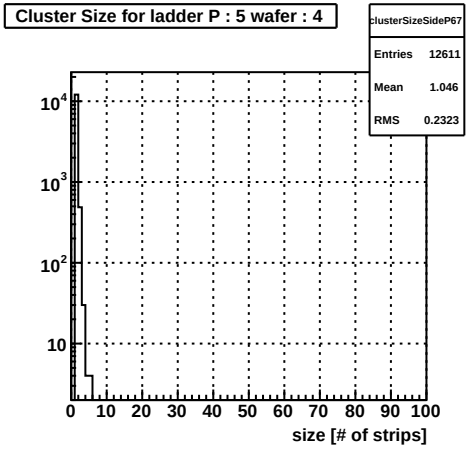

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5673
Mean 1.047
RMS 0.2729
size [# of strips]

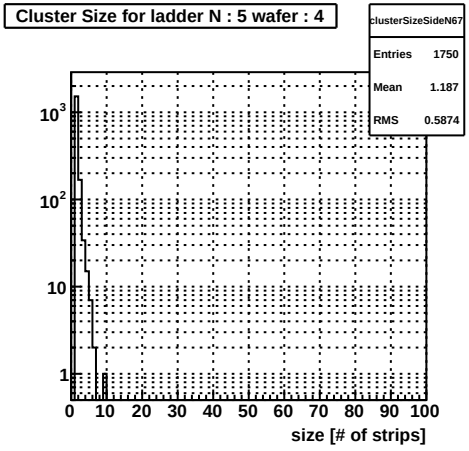

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3645
Mean 1.34
RMS 0.7924
size [# of strips]

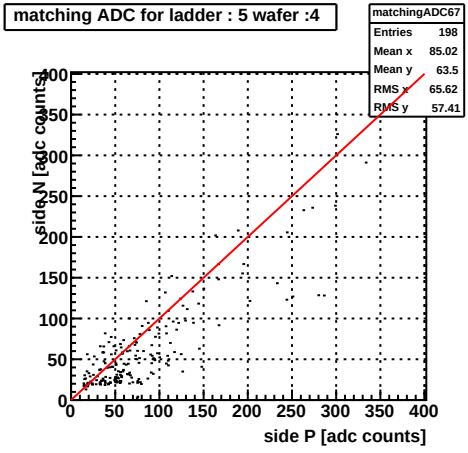

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 442
Mean x 82.43
Mean y 76.95
RMS x 66.59
RMS y 62.19
side N [adc counts]
side P [adc counts]

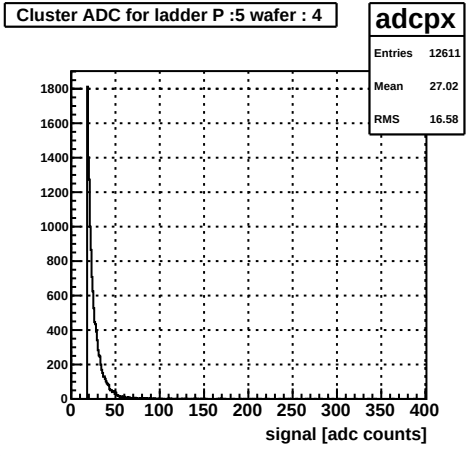

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5673
Mean 32.77
RMS 32.23
signal [adc counts]

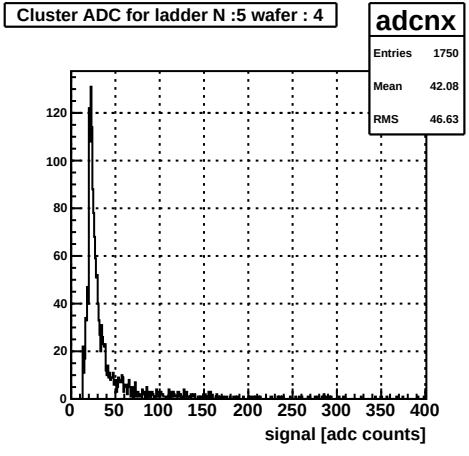

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3645
Mean 33.6
RMS 38.02
signal [adc counts]

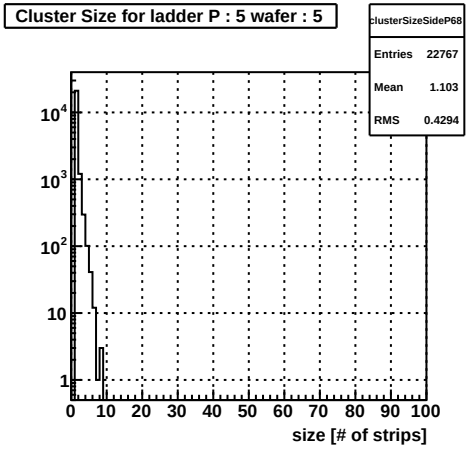

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 12611
Mean 1.046
RMS 0.2323
size [# of strips]

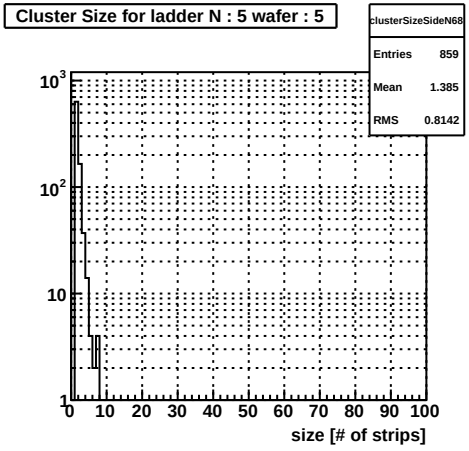

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1750
Mean 1.187
RMS 0.5874
size [# of strips]

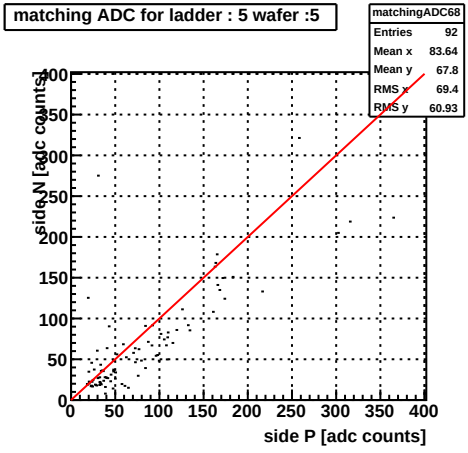

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 198
Mean x 85.02
Mean y 63.5
RMS x 65.62
RMS y 57.41
side N [adc counts]
side P [adc counts]

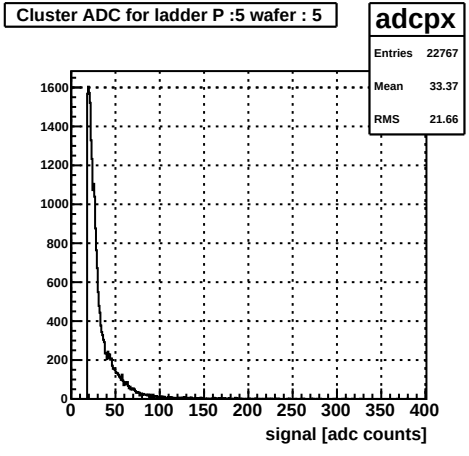

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 12611
Mean 27.02
RMS 16.58
signal [adc counts]

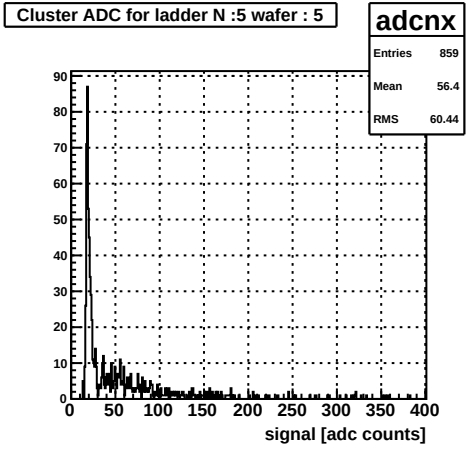

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1750
Mean 42.08
RMS 46.63
signal [adc counts]

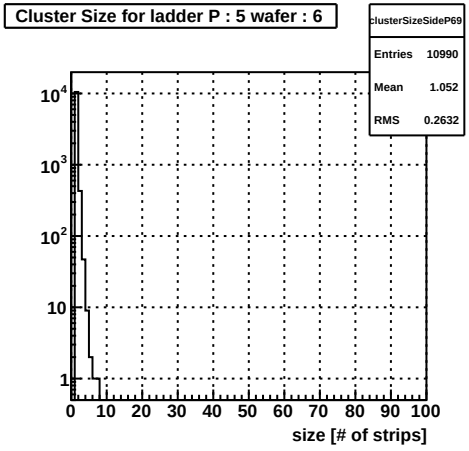

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 22767
Mean 1.103
RMS 0.4294
size [# of strips]

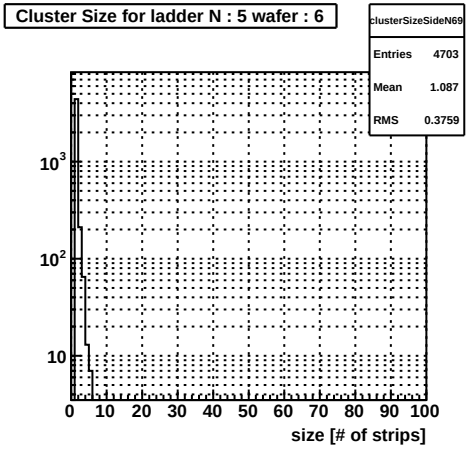

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 859
Mean 1.385
RMS 0.8142
size [# of strips]

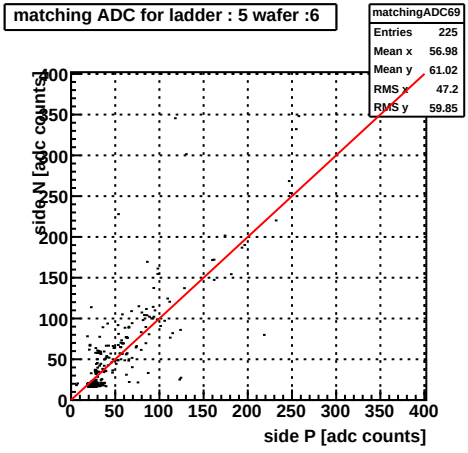

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 92
Mean x 83.64
Mean y 67.8
RMS x 69.4
RMS y 60.93
side N [adc counts]
side P [adc counts]

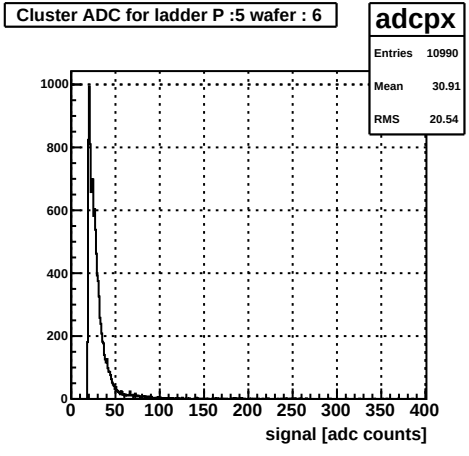

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 22767
Mean 33.37
RMS 21.66
signal [adc counts]

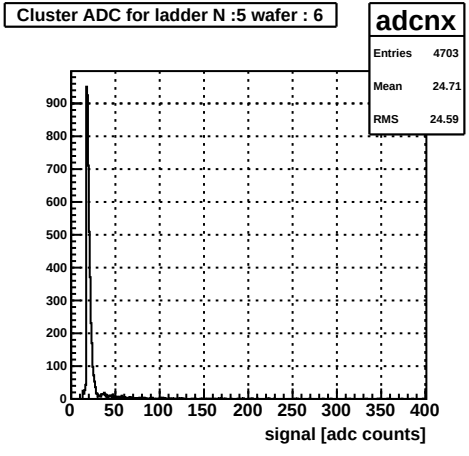

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 859
Mean 56.4
RMS 60.44
signal [adc counts]

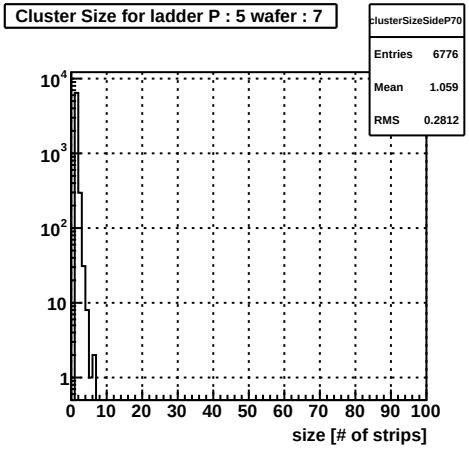

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10990
Mean 1.052
RMS 0.2632
size [# of strips]

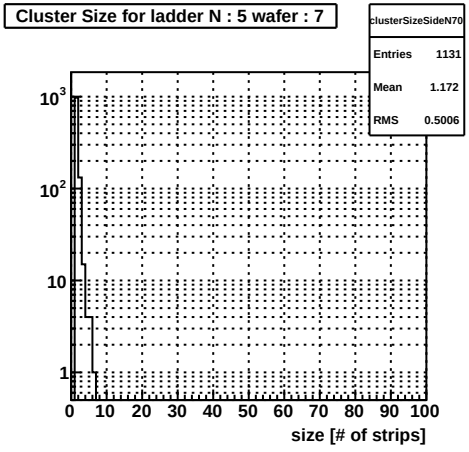

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4703
Mean 1.087
RMS 0.3759
size [# of strips]

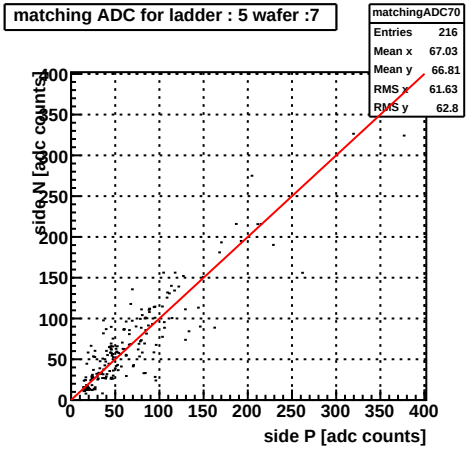

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 225
Mean x 56.98
Mean y 61.02
RMS x 47.2
RMS y 59.85
side N [adc counts]
side P [adc counts]

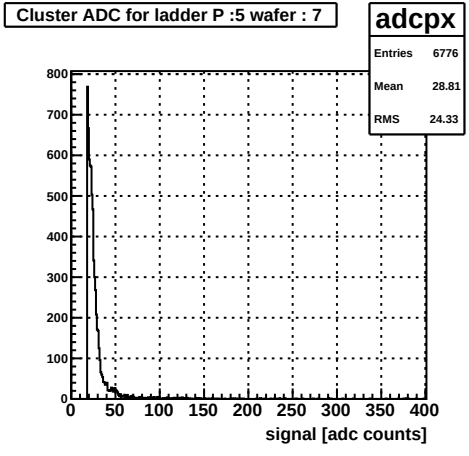

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10990
Mean 30.91
RMS 20.54
signal [adc counts]

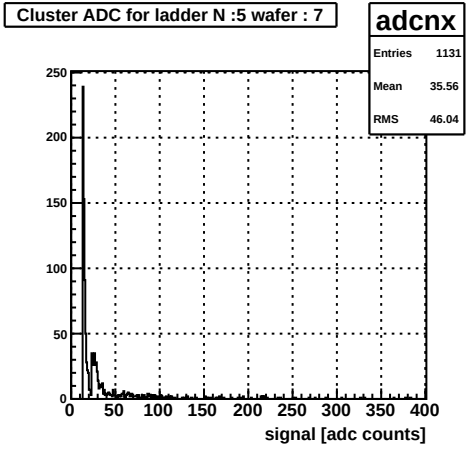

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4703
Mean 24.71
RMS 24.59
signal [adc counts]

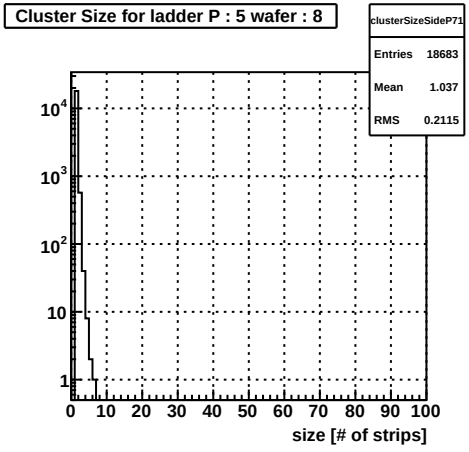

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6776
Mean 1.059
RMS 0.2812
size [# of strips]

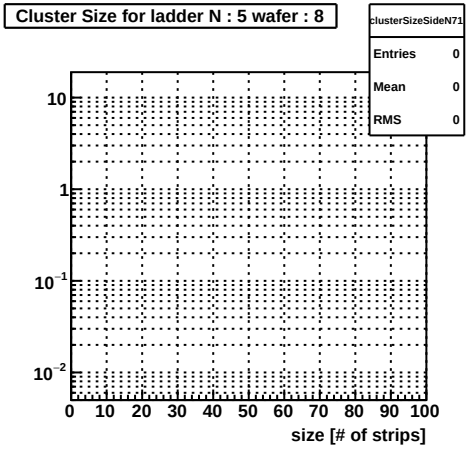

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1131
Mean 1.172
RMS 0.5006
size [# of strips]

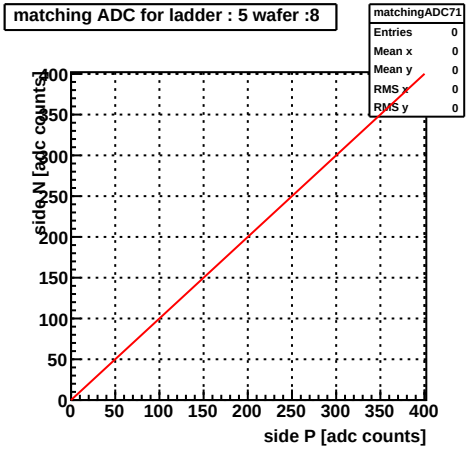

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 216
Mean x 67.03
Mean y 66.81
RMS x 61.63
RMS y 62.8
side N [adc counts]
side P [adc counts]

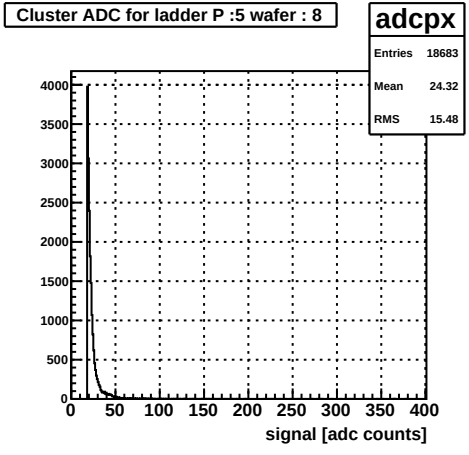

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6776
Mean 28.81
RMS 24.33
signal [adc counts]

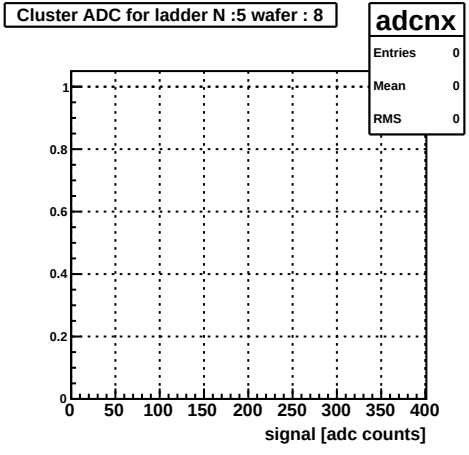

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1131
Mean 35.56
RMS 46.04
signal [adc counts]

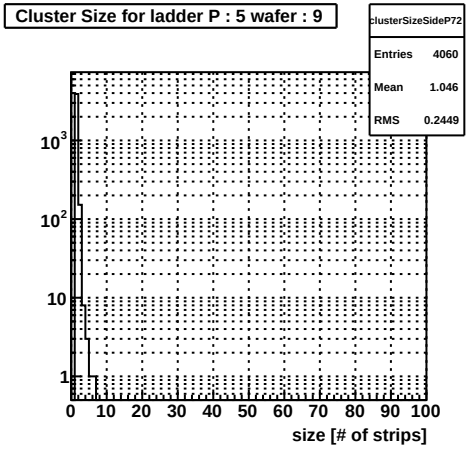

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 18683
Mean 1.037
RMS 0.2115
size [# of strips]

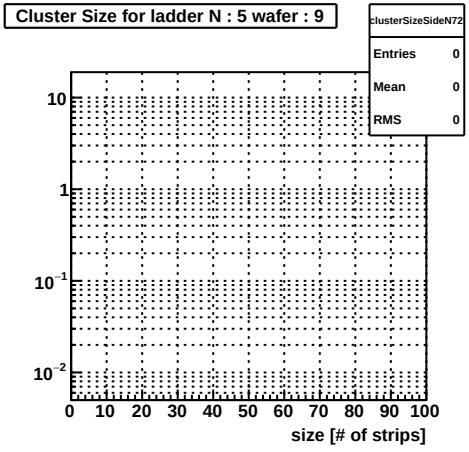

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

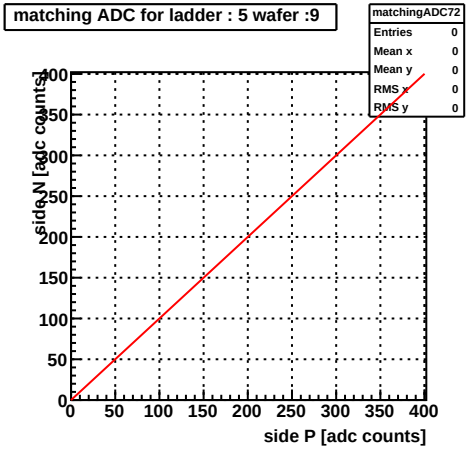

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

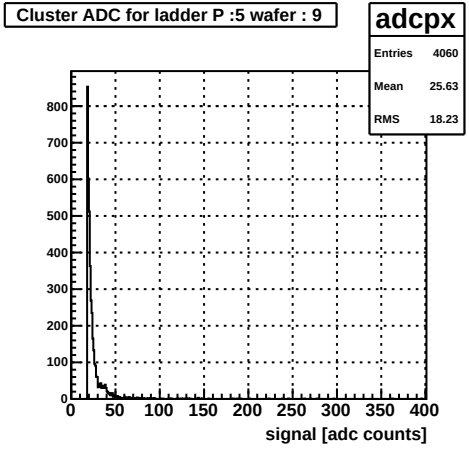

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 18683
Mean 24.32
RMS 15.48
signal [adc counts]

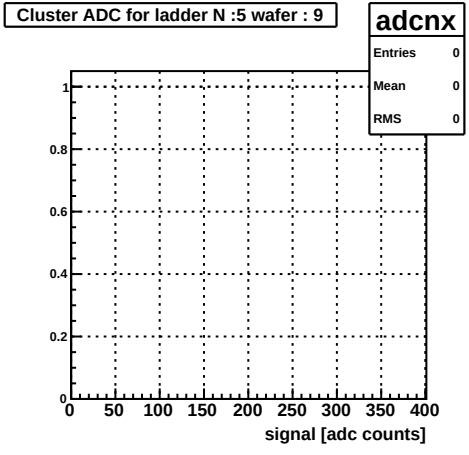

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

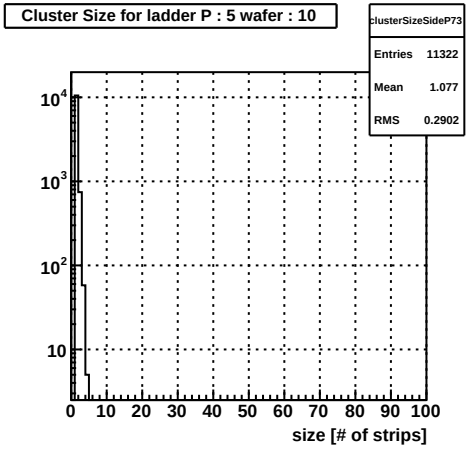

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4060
Mean 1.046
RMS 0.2449
size [# of strips]

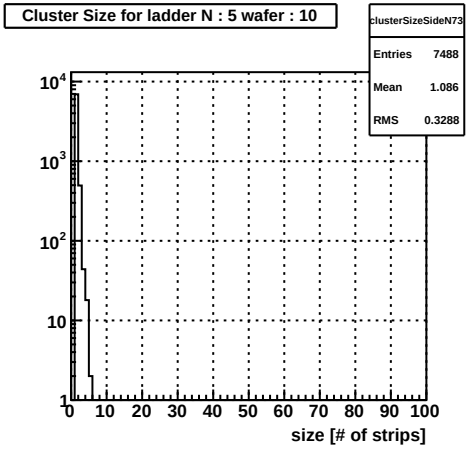

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

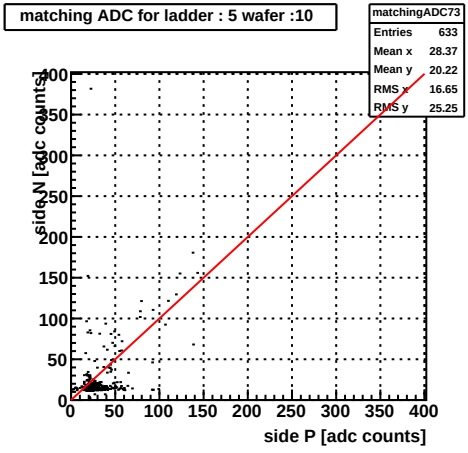

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

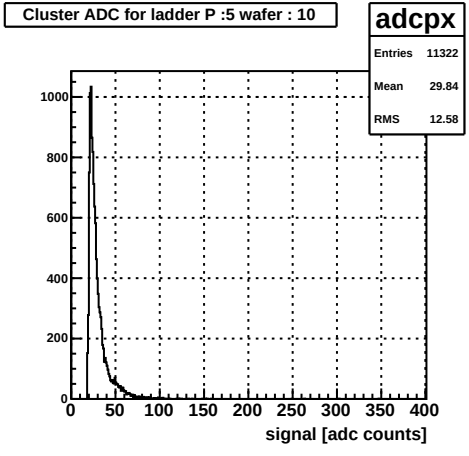

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4060
Mean 25.63
RMS 18.23
signal [adc counts]

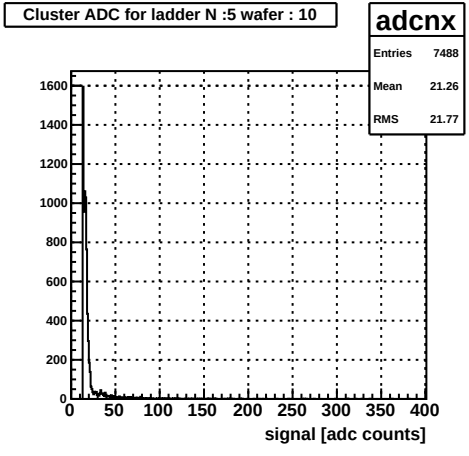

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

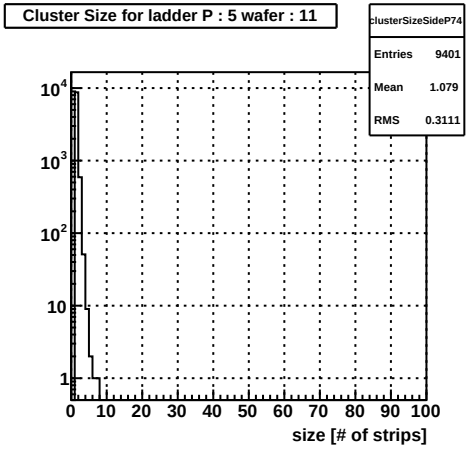

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 11322
Mean 1.077
RMS 0.2902
size [# of strips]

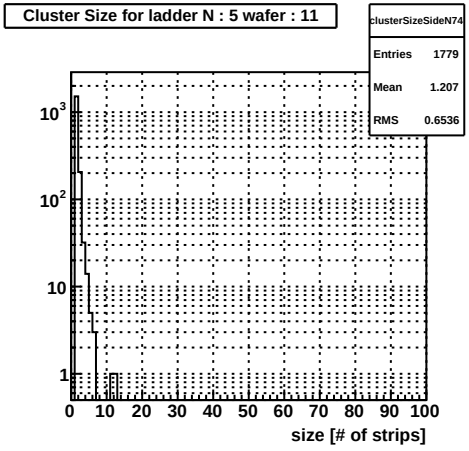

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7488
Mean 1.086
RMS 0.3288
size [# of strips]

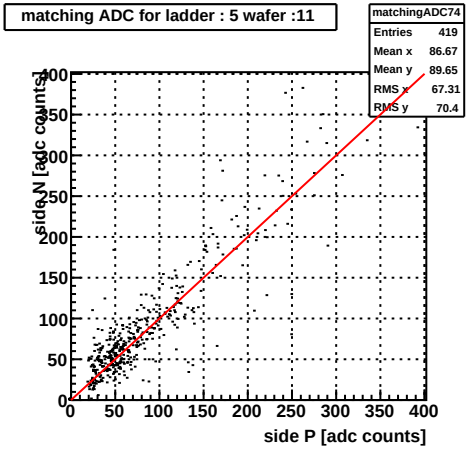

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 633
Mean x 28.37
Mean y 20.22
RMS x 16.65
RMS y 25.25
side N [adc counts]
side P [adc counts]

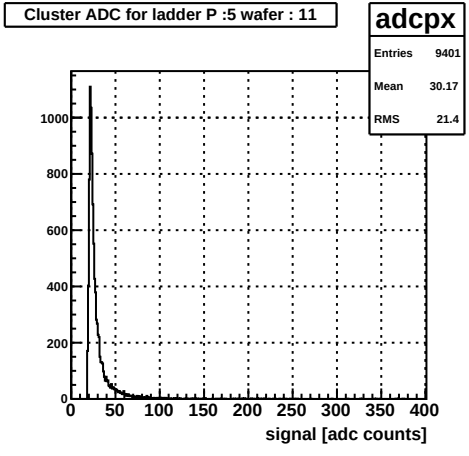

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 11322
Mean 29.84
RMS 12.58
signal [adc counts]

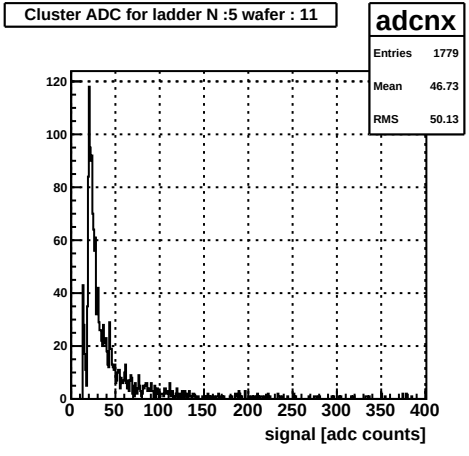

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7488
Mean 21.26
RMS 21.77
signal [adc counts]

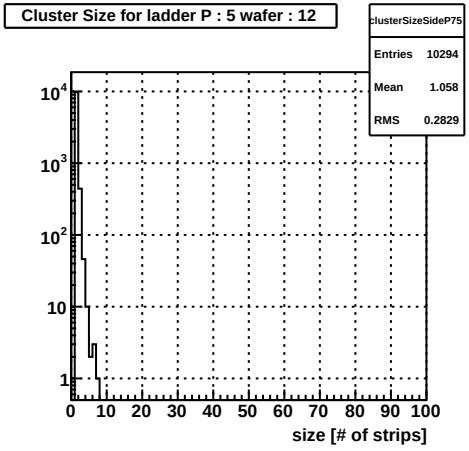

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9401
Mean 1.079
RMS 0.3111
size [# of strips]

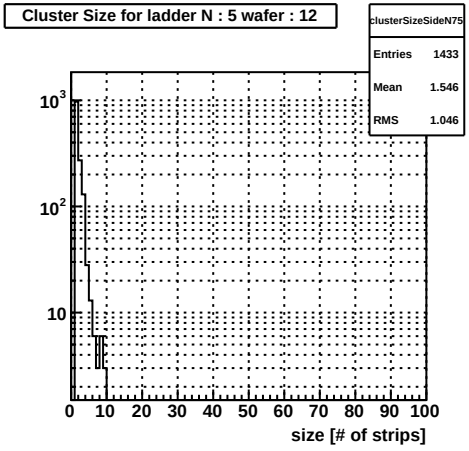

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1779
Mean 1.207
RMS 0.6536
size [# of strips]

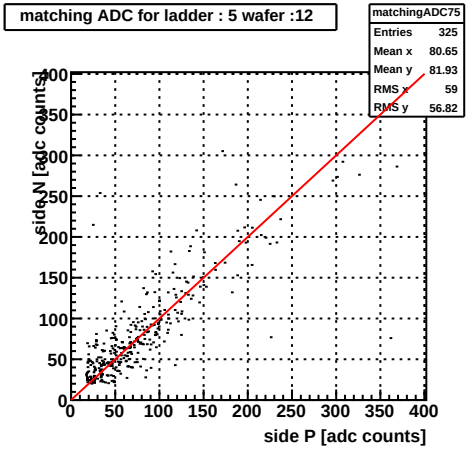

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 419
Mean x 86.67
Mean y 89.65
RMS x 67.31
RMS y 70.4
side N [adc counts]
side P [adc counts]

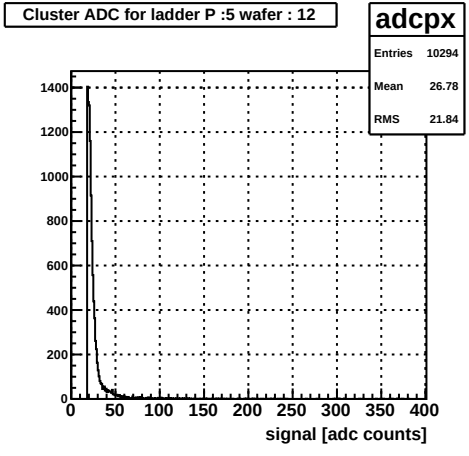

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9401
Mean 30.17
RMS 21.4
signal [adc counts]

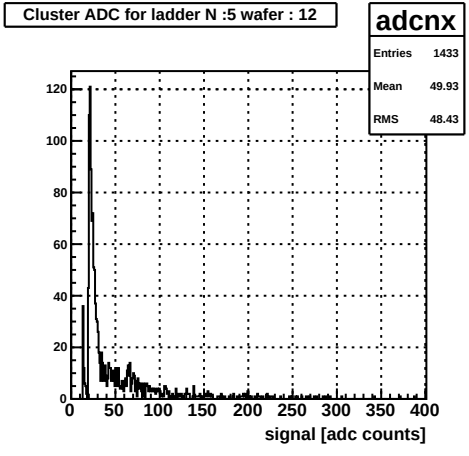

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1779
Mean 46.73
RMS 50.13
signal [adc counts]

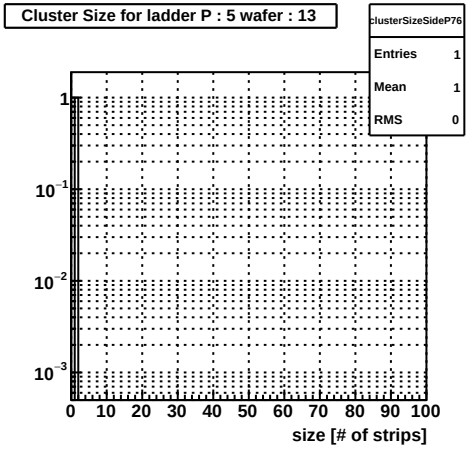

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10294
Mean 1.058
RMS 0.2829
size [# of strips]

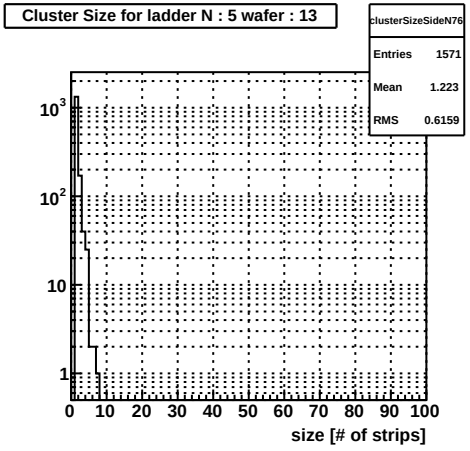

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1433
Mean 1.546
RMS 1.046
size [# of strips]

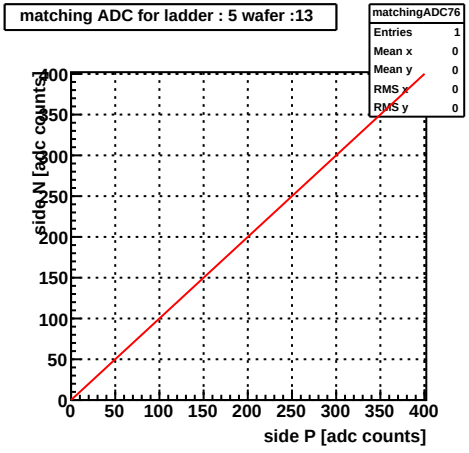

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 325
Mean x 80.65
Mean y 81.93
RMS x 59
RMS y 56.82
side N [adc counts]
side P [adc counts]

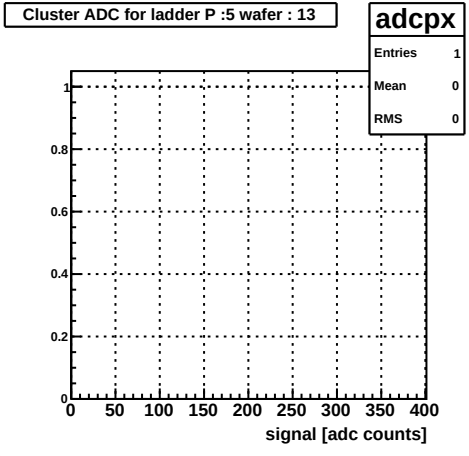

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10294
Mean 26.78
RMS 21.84
signal [adc counts]

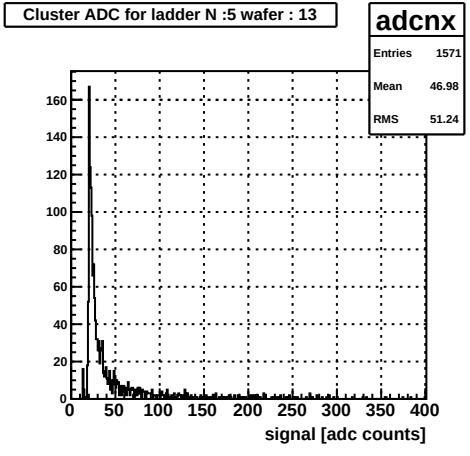

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1433
Mean 49.93
RMS 48.43
signal [adc counts]

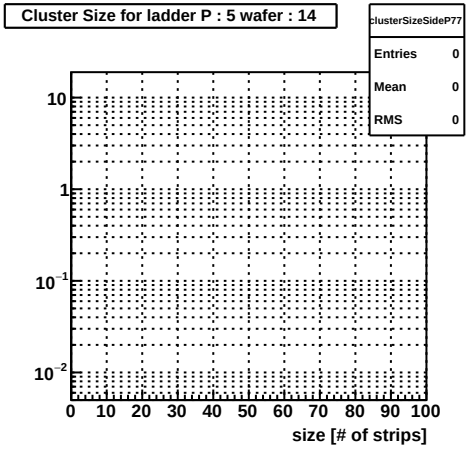

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

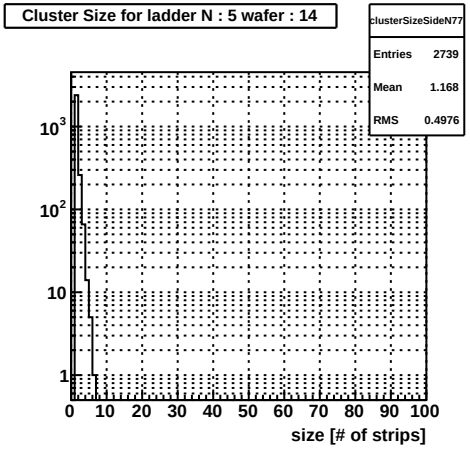

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1571
Mean 1.223
RMS 0.6159
size [# of strips]

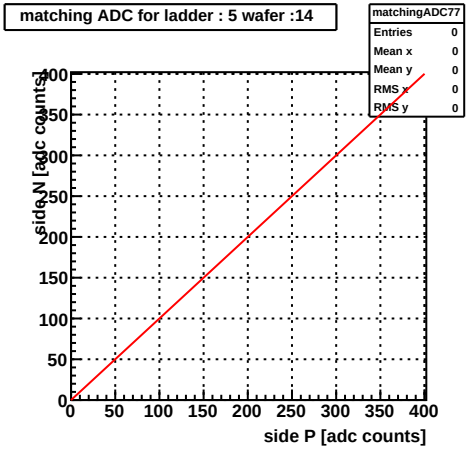

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

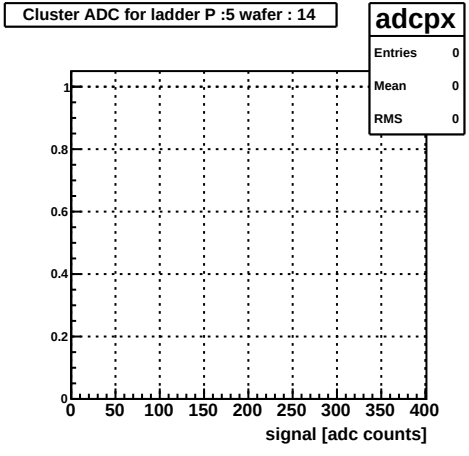

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

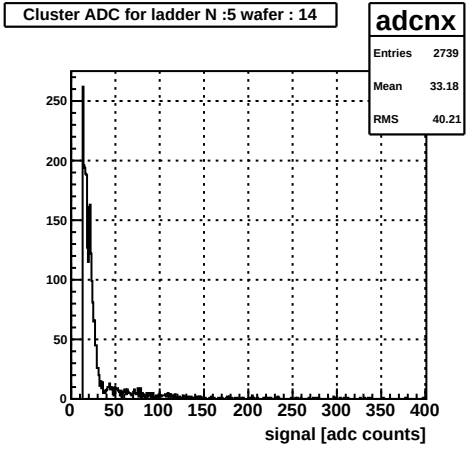

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1571
Mean 46.98
RMS 51.24
signal [adc counts]

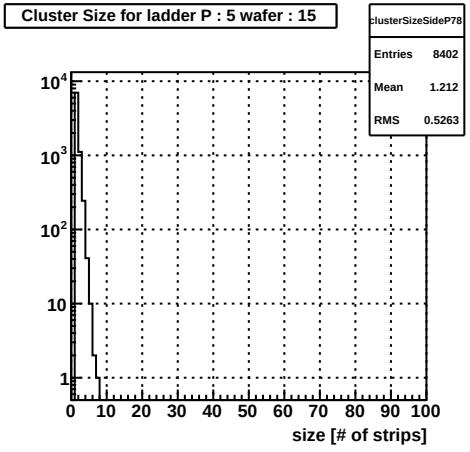

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

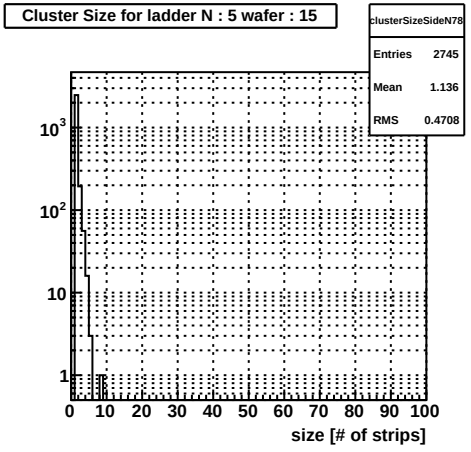

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2739
Mean 1.168
RMS 0.4976
size [# of strips]

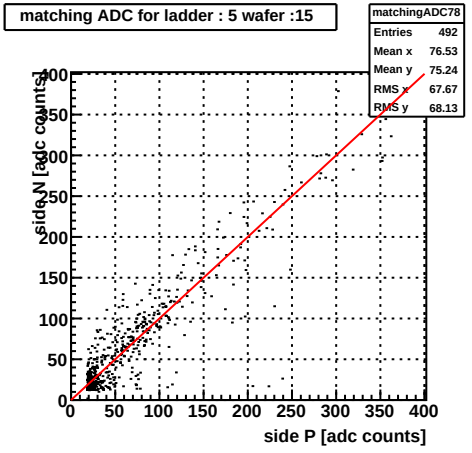

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

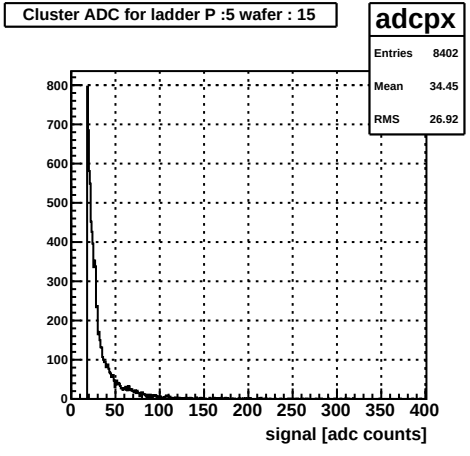

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

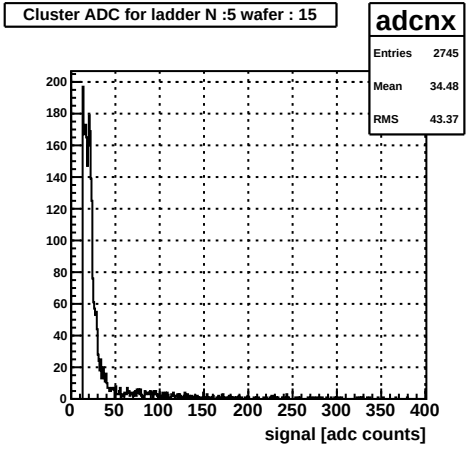

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2739
Mean 33.18
RMS 40.21
signal [adc counts]

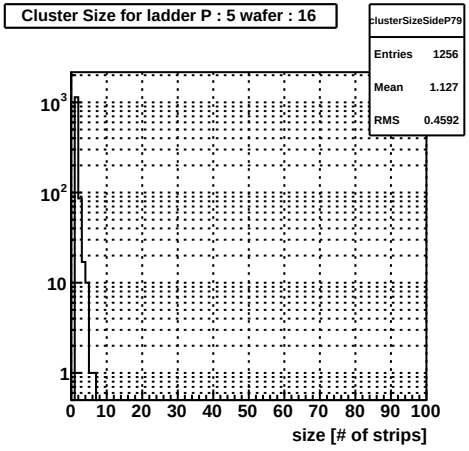

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 8402
Mean 1.212
RMS 0.5263
size [# of strips]

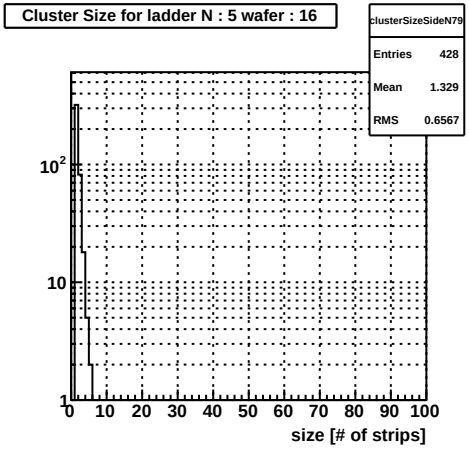

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2745
Mean 1.136
RMS 0.4708
size [# of strips]

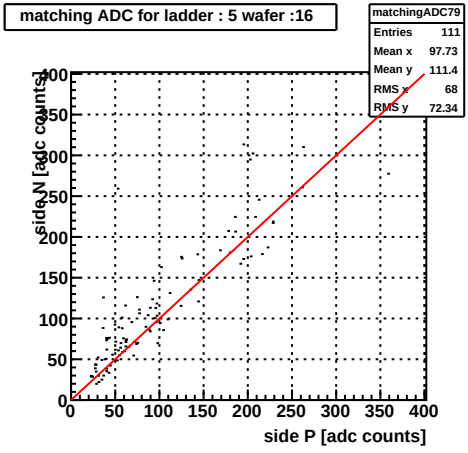

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 492
Mean x 76.53
Mean y 75.24
RMS x 67.67
RMS y 68.13
side N [adc counts]
side P [adc counts]

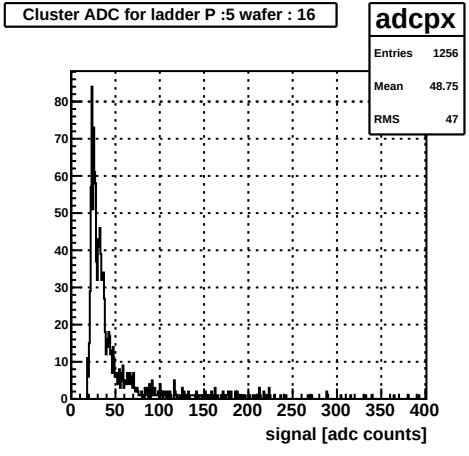

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 8402
Mean 34.45
RMS 26.92
signal [adc counts]

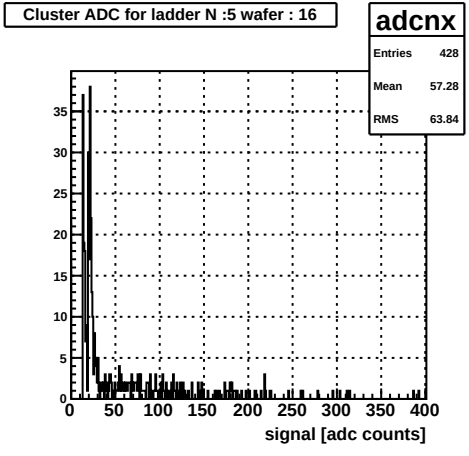

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2745
Mean 34.48
RMS 43.37
signal [adc counts]

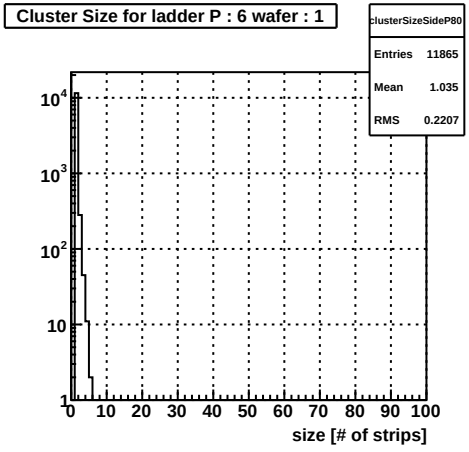

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1256
Mean 1.127
RMS 0.4592
size [# of strips]

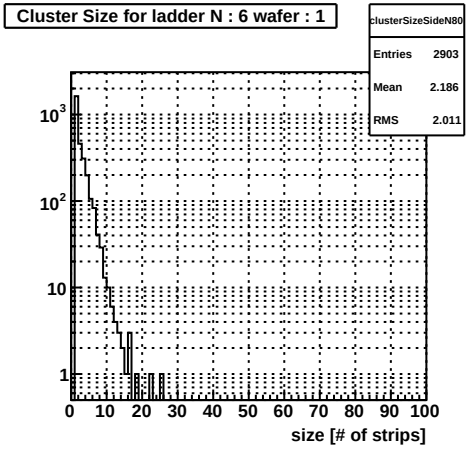

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 428
Mean 1.329
RMS 0.6567
size [# of strips]

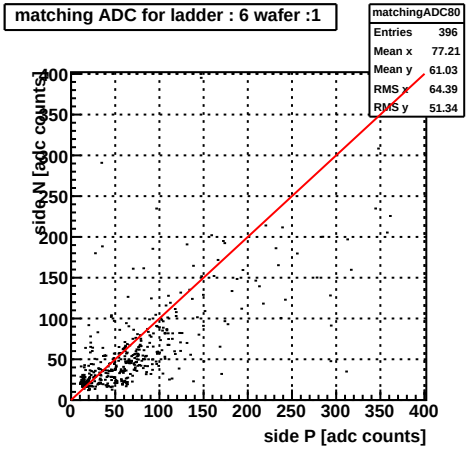

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 111
Mean x 97.73
Mean y 111.4
RMS x 68
RMS y 72.34
side N [adc counts]
side P [adc counts]

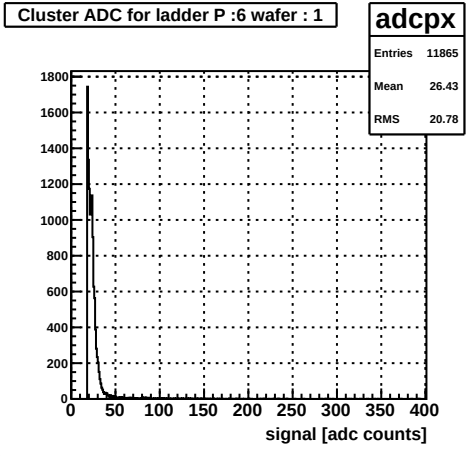

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1256
Mean 48.75
RMS 47
signal [adc counts]

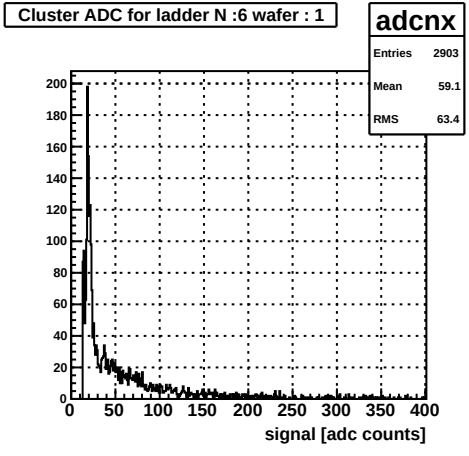

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 428
Mean 57.28
RMS 63.84
signal [adc counts]

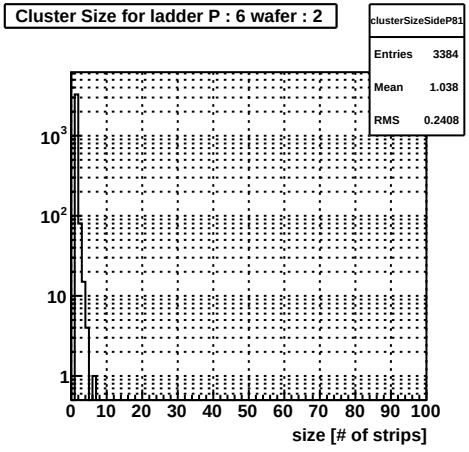

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11865
Mean 1.035
RMS 0.2207
size [# of strips]

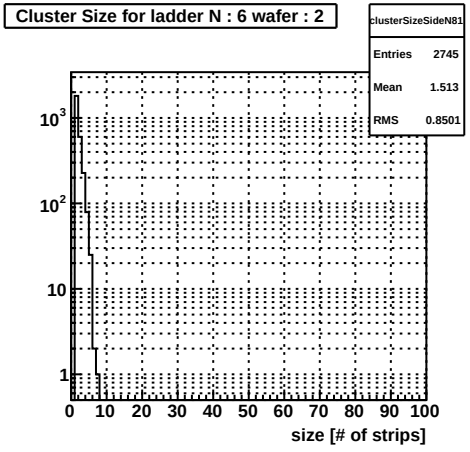

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2903
Mean 2.186
RMS 2.011
size [# of strips]

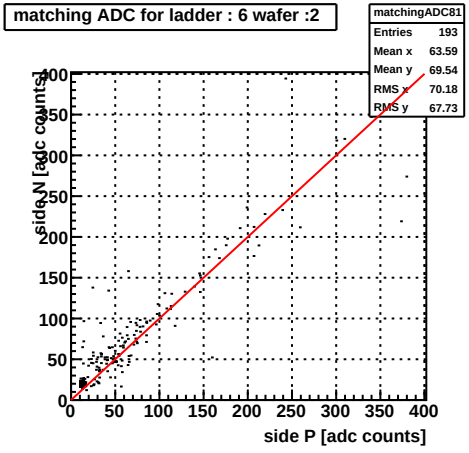

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 396
Mean x 77.21
Mean y 61.03
RMS x 64.39
RMS y 51.34
side N [adc counts]
side P [adc counts]

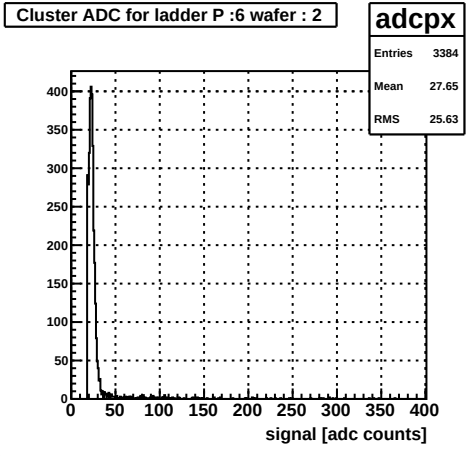

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11865
Mean 26.43
RMS 20.78
signal [adc counts]

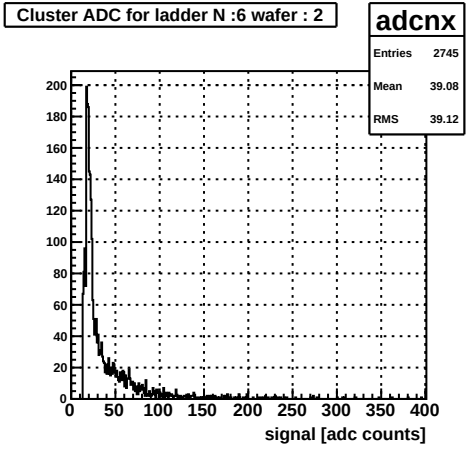

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2903
Mean 59.1
RMS 63.4
signal [adc counts]

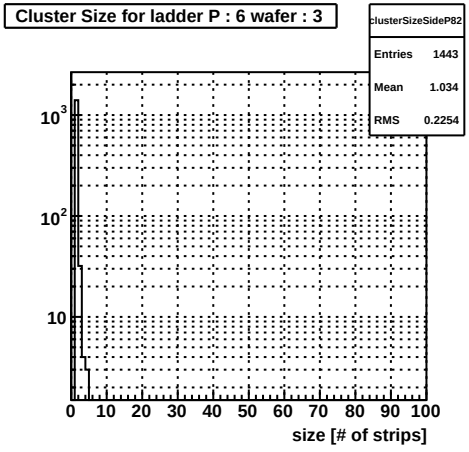

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3384
Mean 1.038
RMS 0.2408
size [# of strips]

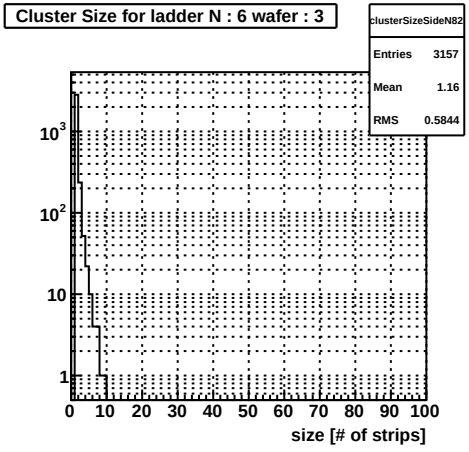

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2745
Mean 1.513
RMS 0.8501
size [# of strips]

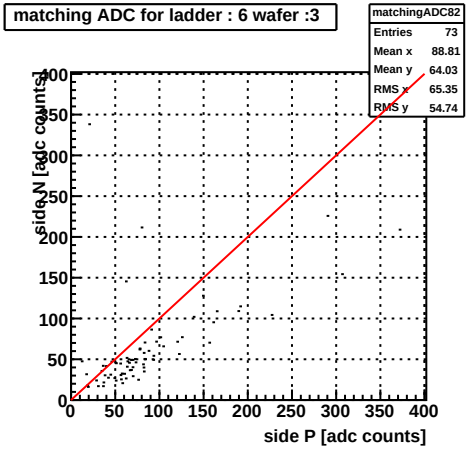

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 193
Mean x 63.59
Mean y 69.54
RMS x 70.18
RMS y 67.73
side N [adc counts]
side P [adc counts]

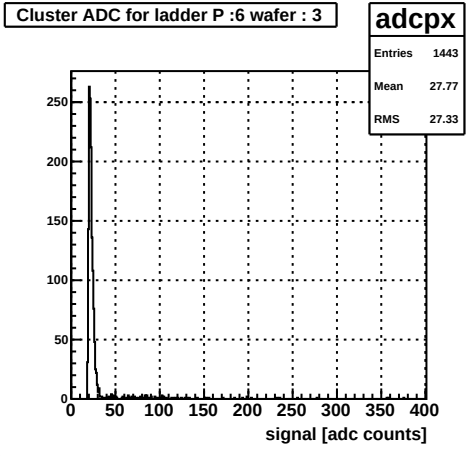

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3384
Mean 27.65
RMS 25.63
signal [adc counts]

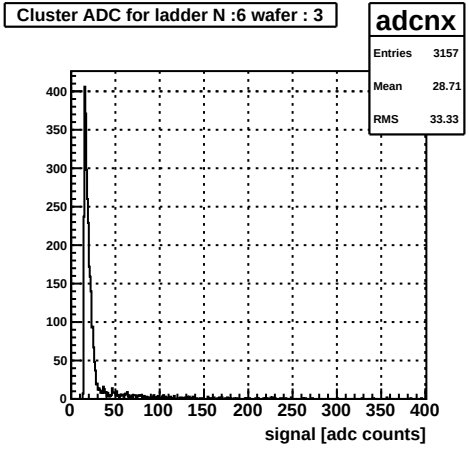

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2745
Mean 39.08
RMS 39.12
signal [adc counts]

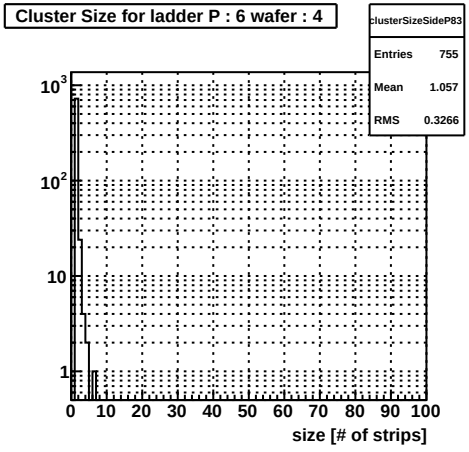

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1443
Mean 1.034
RMS 0.2254
size [# of strips]

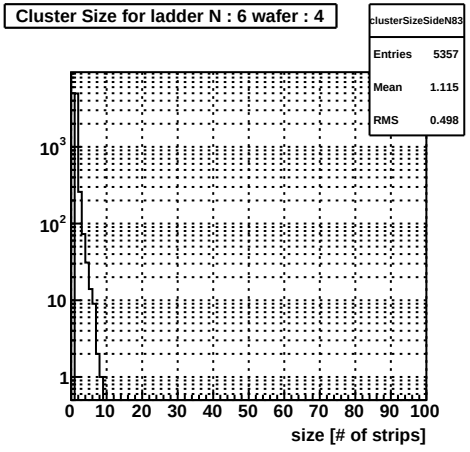

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3157
Mean 1.16
RMS 0.5844
size [# of strips]

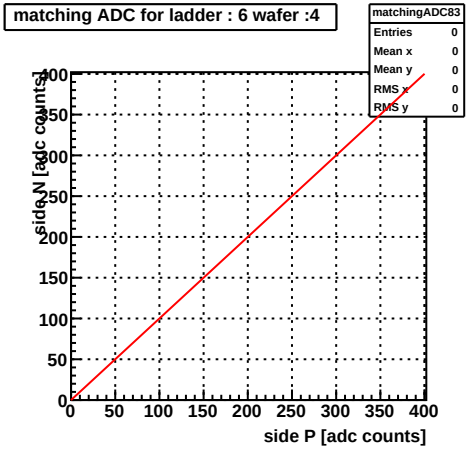

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 73
Mean x 88.81
Mean y 64.03
RMS x 65.35
RMS y 54.74
side N [adc counts]
side P [adc counts]

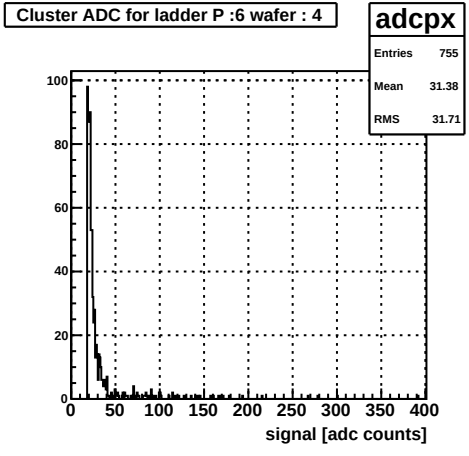

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1443
Mean 27.77
RMS 27.33
signal [adc counts]

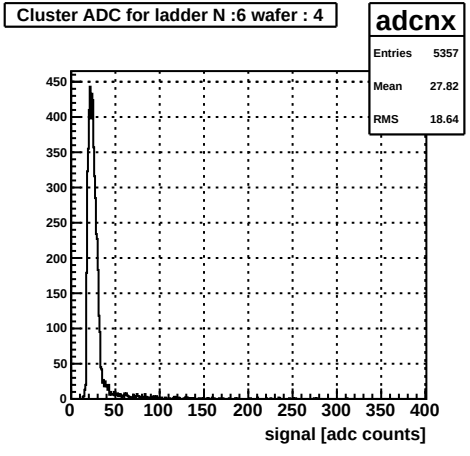

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3157
Mean 28.71
RMS 33.33
signal [adc counts]

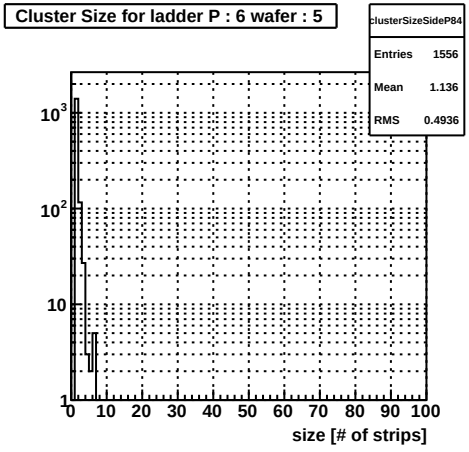

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 755
Mean 1.057
RMS 0.3266
size [# of strips]

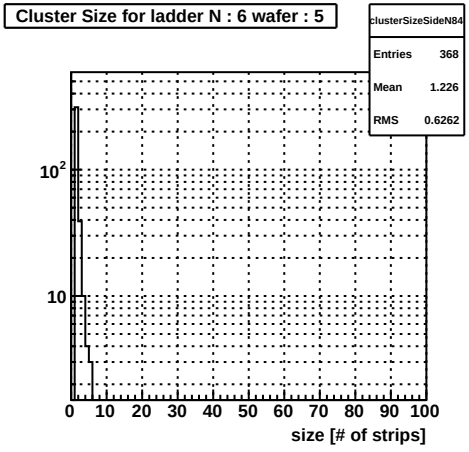

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5357
Mean 1.115
RMS 0.498
size [# of strips]

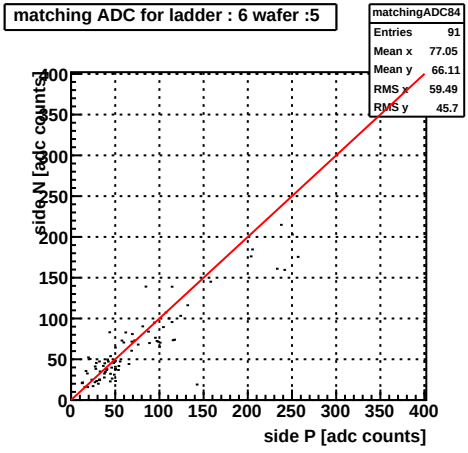

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

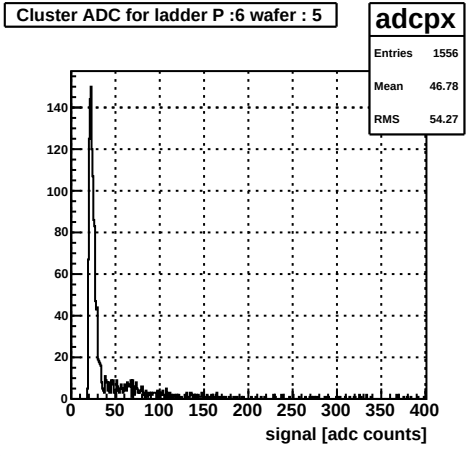

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 755
Mean 31.38
RMS 31.71
signal [adc counts]

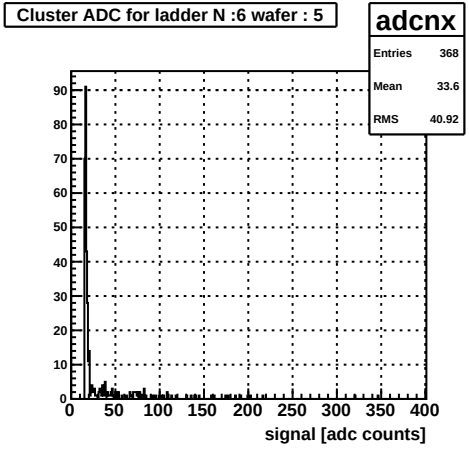

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5357
Mean 27.82
RMS 18.64
signal [adc counts]

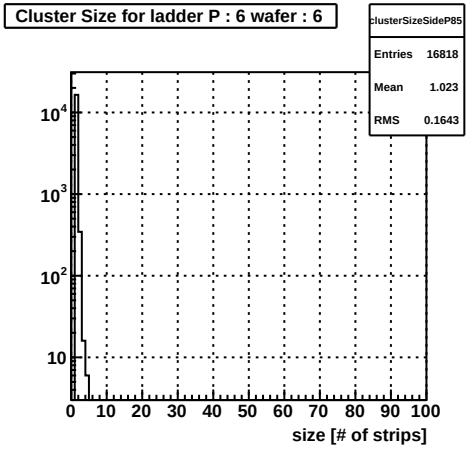

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1556
Mean 1.136
RMS 0.4936
size [# of strips]

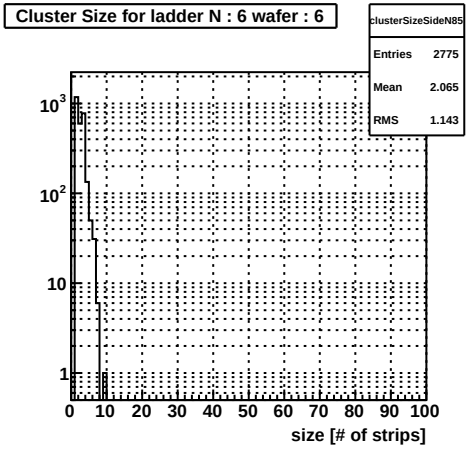

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 368
Mean 1.226
RMS 0.6262
size [# of strips]

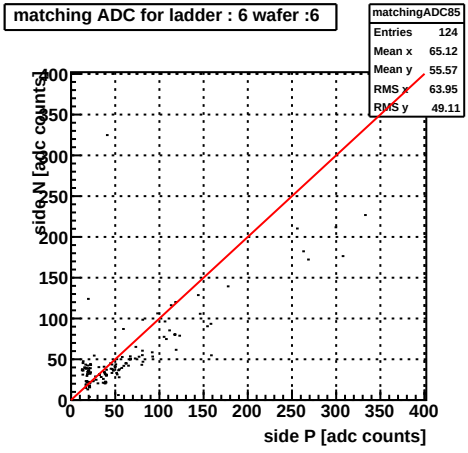

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 91
Mean x 77.05
Mean y 66.11
RMS x 59.49
RMS y 45.7
side N [adc counts]
side P [adc counts]

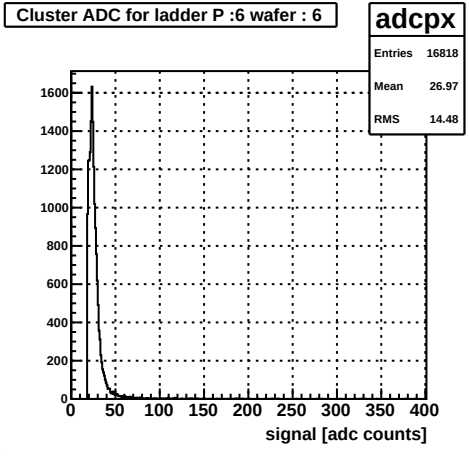

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1556
Mean 46.78
RMS 54.27
signal [adc counts]

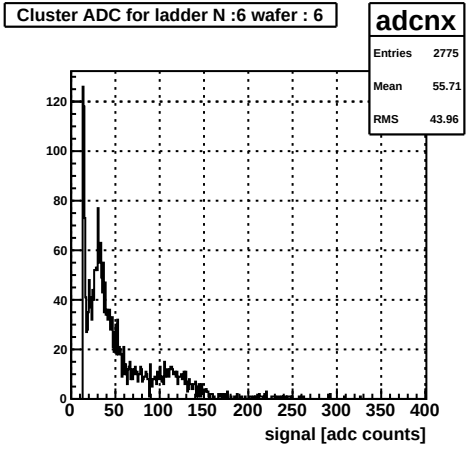

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 368
Mean 33.6
RMS 40.92
signal [adc counts]

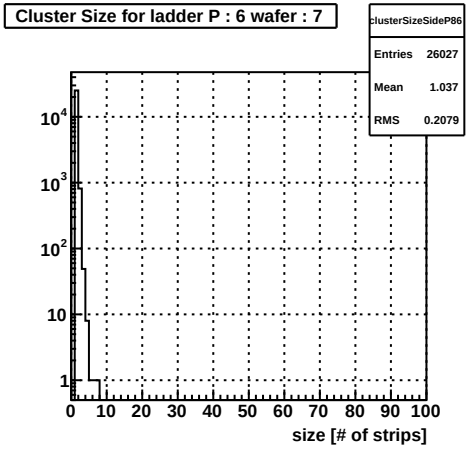

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16818
Mean 1.023
RMS 0.1643
size [# of strips]

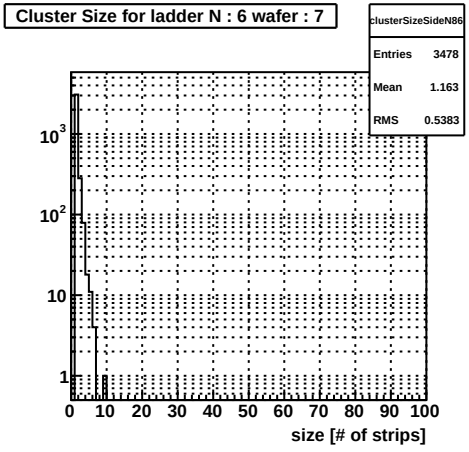

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2775
Mean 2.065
RMS 1.143
size [# of strips]

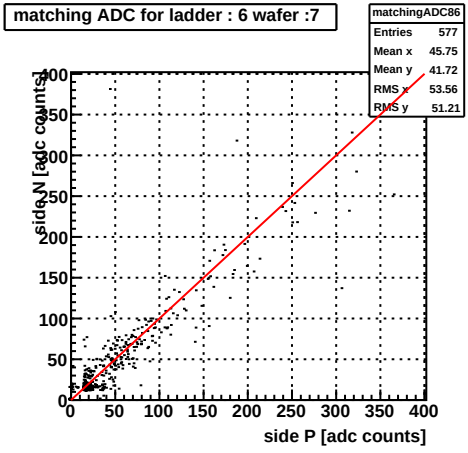

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 124
Mean x 65.12
Mean y 55.57
RMS x 63.95
RMS y 49.11
side N [adc counts]
side P [adc counts]

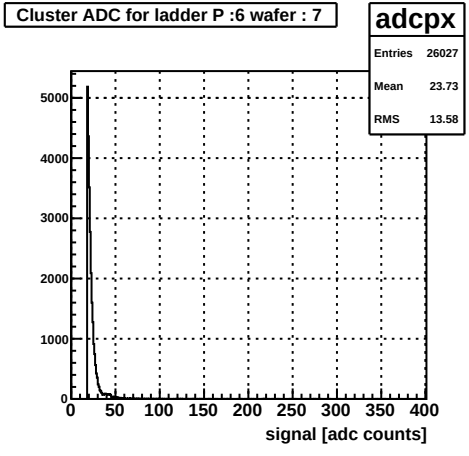

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16818
Mean 26.97
RMS 14.48
signal [adc counts]

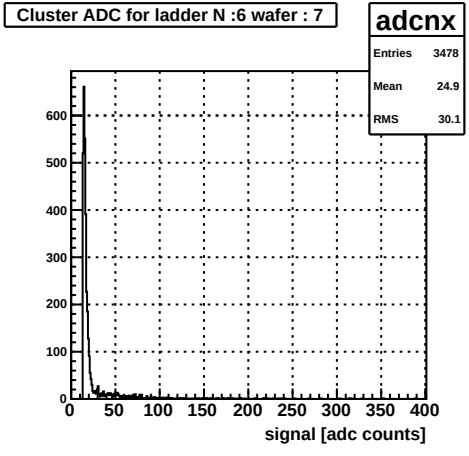

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2775
Mean 55.71
RMS 43.96
signal [adc counts]

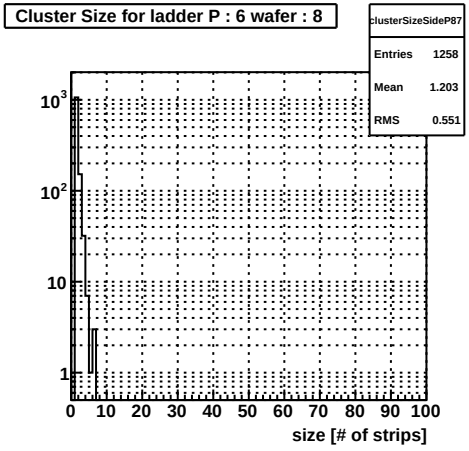

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26027
Mean 1.037
RMS 0.2079
size [# of strips]

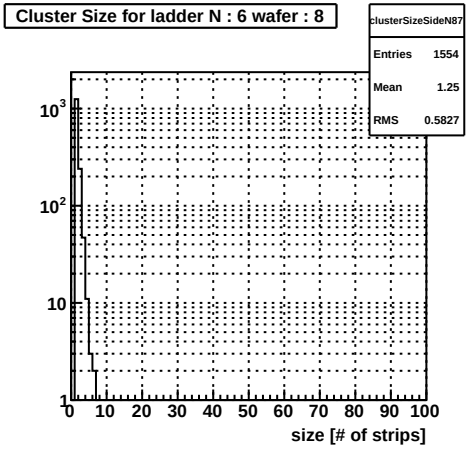

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3478
Mean 1.163
RMS 0.5383
size [# of strips]

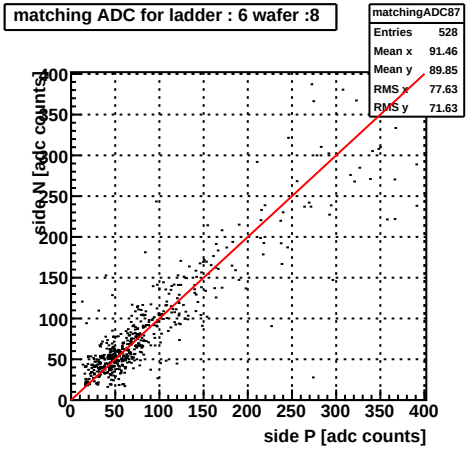

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 577
Mean x 45.75
Mean y 41.72
RMS x 53.56
RMS y 51.21
side N [adc counts]
side P [adc counts]

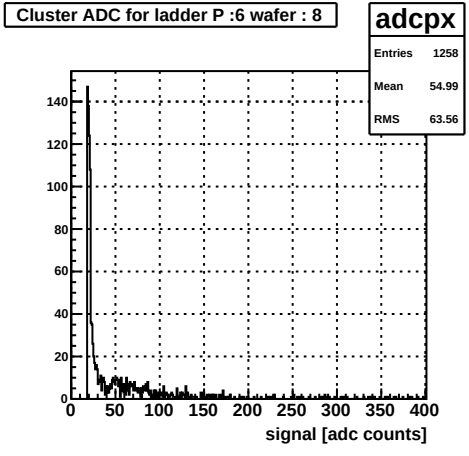

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26027
Mean 23.73
RMS 13.58
signal [adc counts]

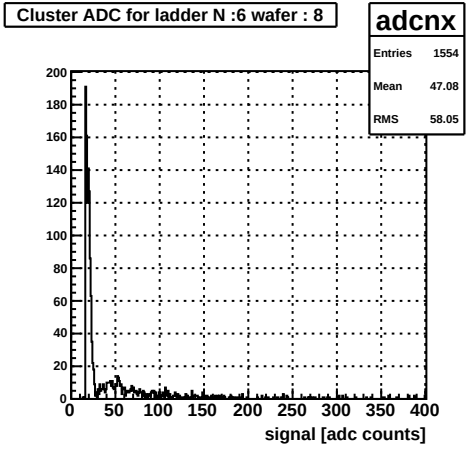

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3478
Mean 24.9
RMS 30.1
signal [adc counts]

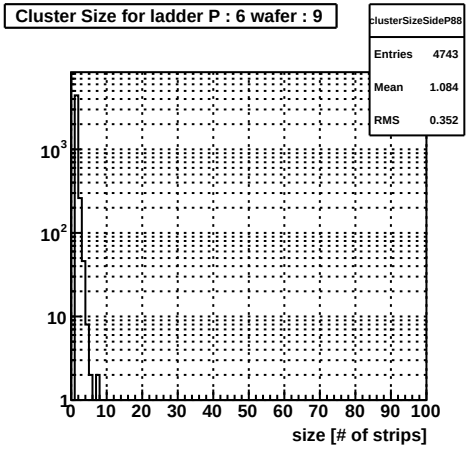

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1258
Mean 1.203
RMS 0.551
size [# of strips]

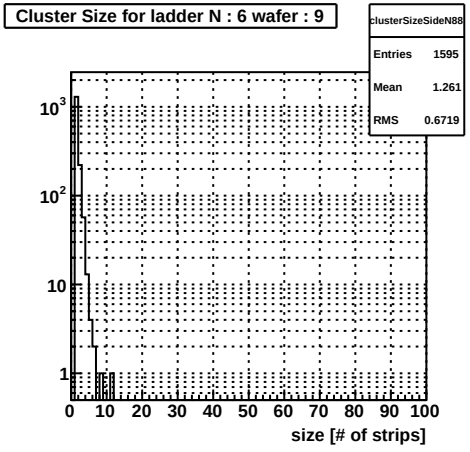

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1554
Mean 1.25
RMS 0.5827
size [# of strips]

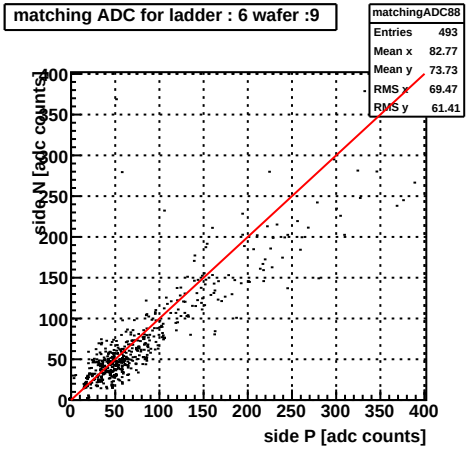

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 528
Mean x 91.46
Mean y 89.85
RMS x 77.63
RMS y 71.63
side N [adc counts]
side P [adc counts]

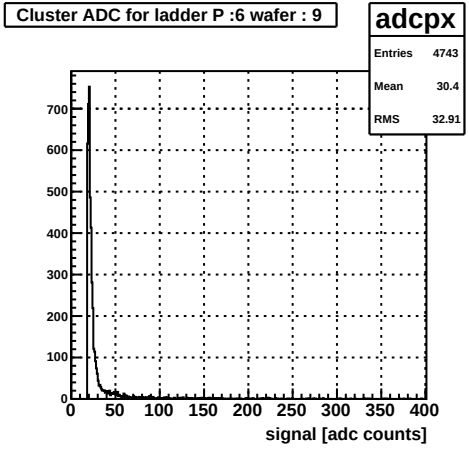

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1258
Mean 54.99
RMS 63.56
signal [adc counts]

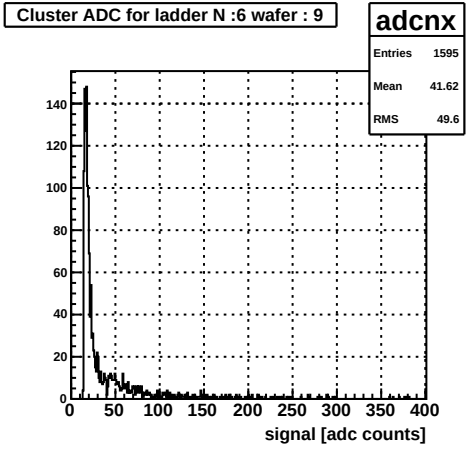

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1554
Mean 47.08
RMS 58.05
signal [adc counts]

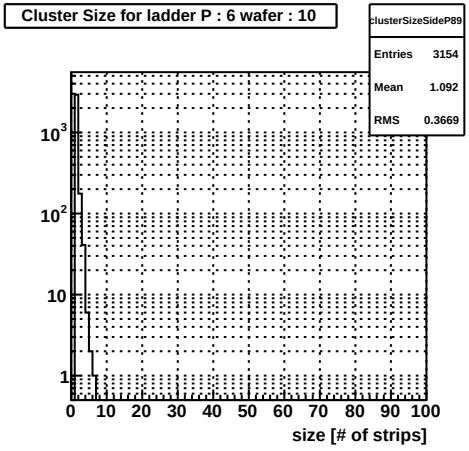

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4743
Mean 1.084
RMS 0.352
size [# of strips]

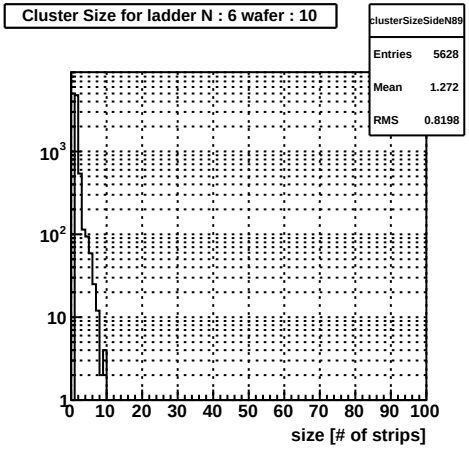

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1595
Mean 1.261
RMS 0.6719
size [# of strips]

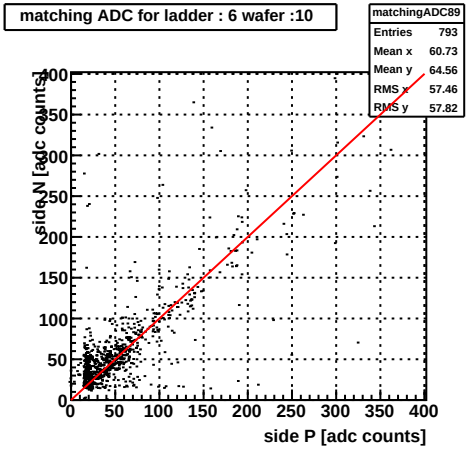

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 493
Mean x 82.77
Mean y 73.73
RMS x 69.47
RMS y 61.41
side N [adc counts]
side P [adc counts]

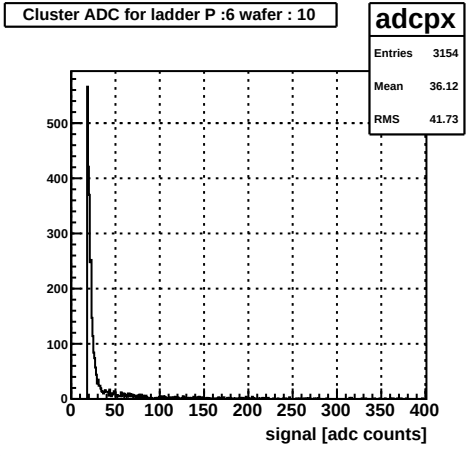

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4743
Mean 30.4
RMS 32.91
signal [adc counts]

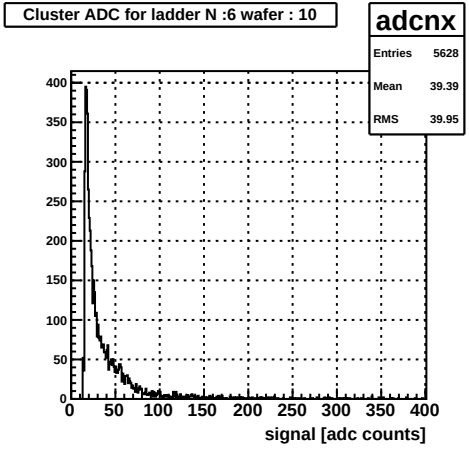

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1595
Mean 41.62
RMS 49.6
signal [adc counts]

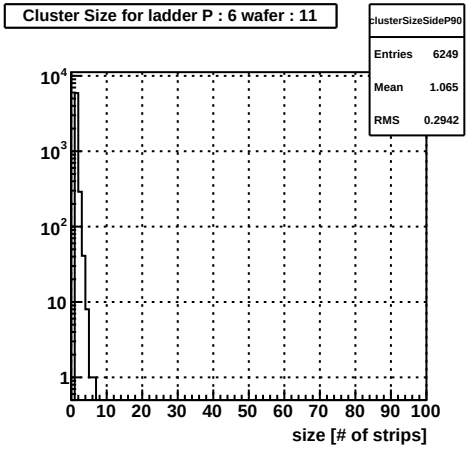

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3154
Mean 1.092
RMS 0.3669
size [# of strips]

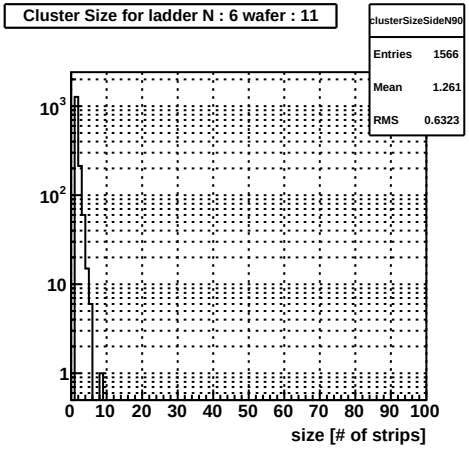

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5628
Mean 1.272
RMS 0.8198
size [# of strips]

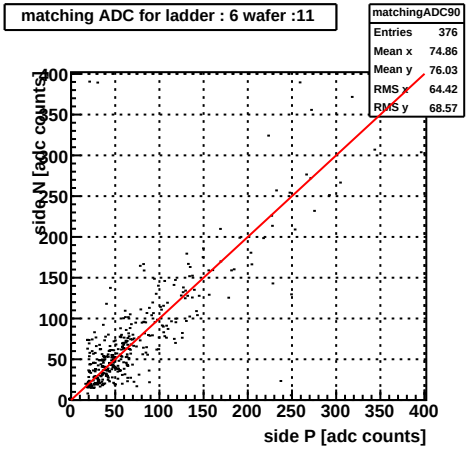

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 793
Mean x 60.73
Mean y 64.56
RMS x 57.46
RMS y 57.82
side N [adc counts]
side P [adc counts]

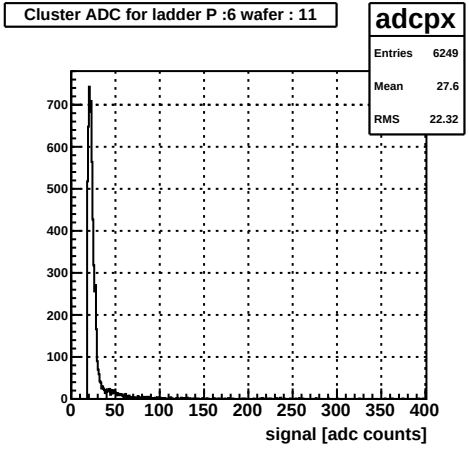

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3154
Mean 36.12
RMS 41.73
signal [adc counts]

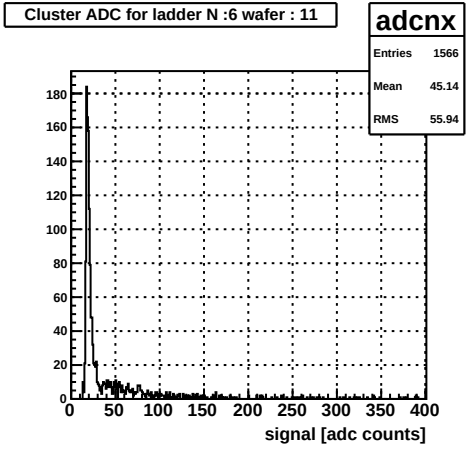

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5628
Mean 39.39
RMS 39.95
signal [adc counts]

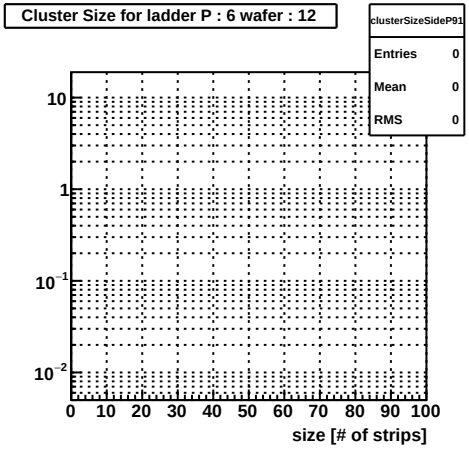

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 6249
Mean 1.065
RMS 0.2942
size [# of strips]

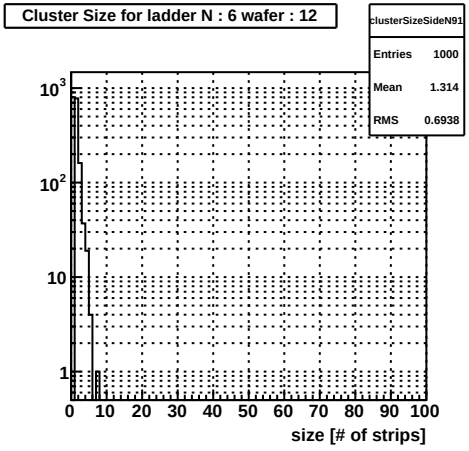

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1566
Mean 1.261
RMS 0.6323
size [# of strips]

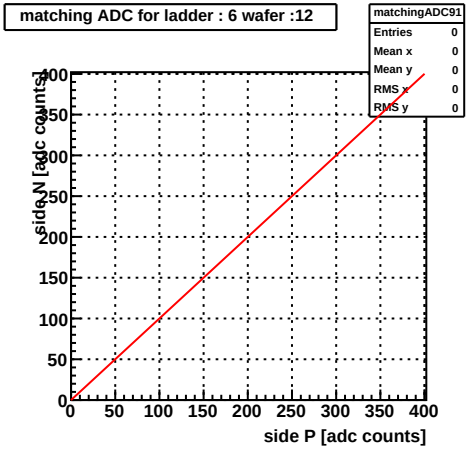

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 376
Mean x 74.86
Mean y 76.03
RMS x 64.42
RMS y 68.57
side N [adc counts]
side P [adc counts]

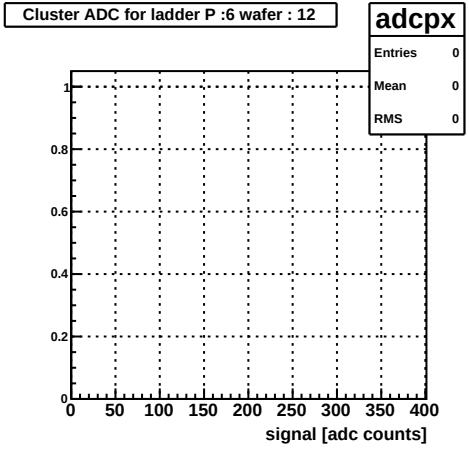

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 6249
Mean 27.6
RMS 22.32
signal [adc counts]

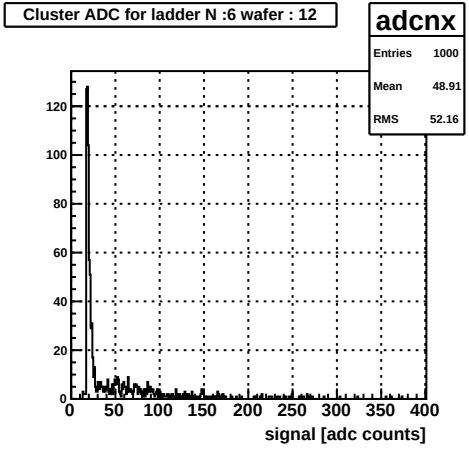

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1566
Mean 45.14
RMS 55.94
signal [adc counts]

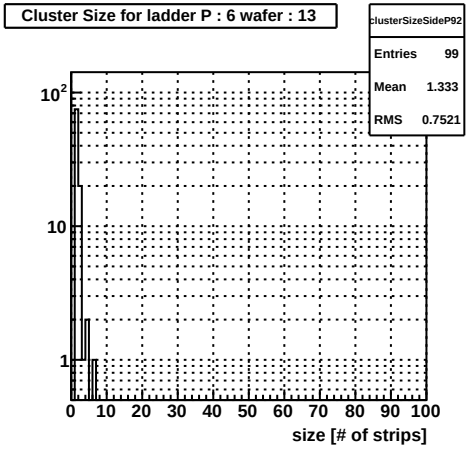

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

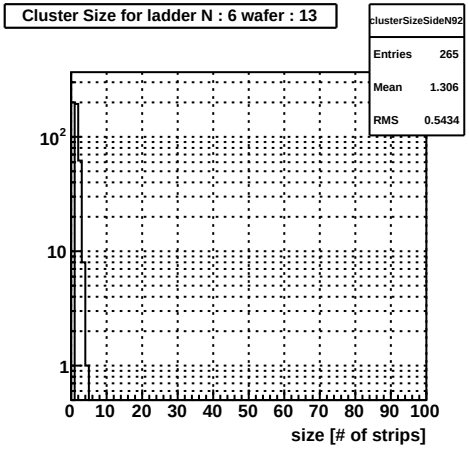

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1000
Mean 1.314
RMS 0.6938
size [# of strips]

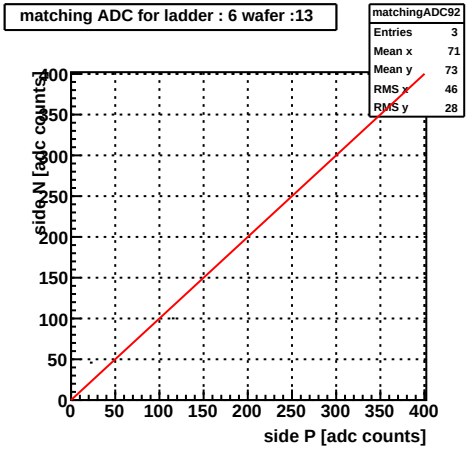

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

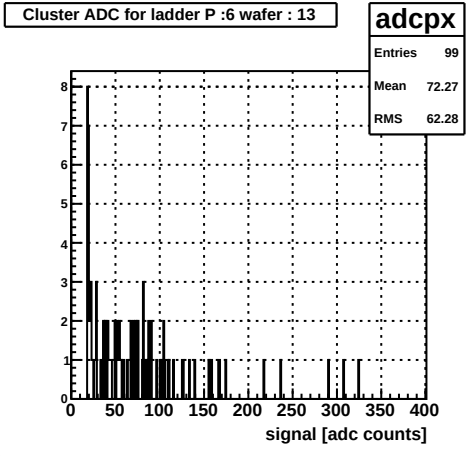

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

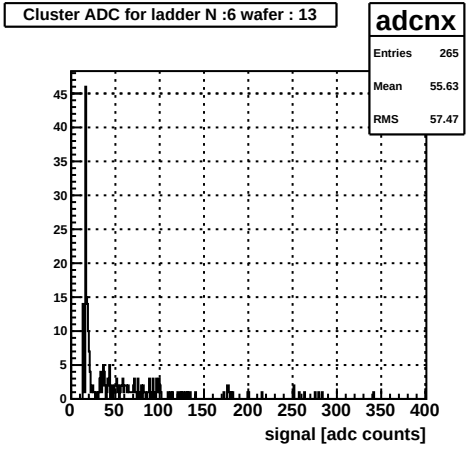

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1000
Mean 48.91
RMS 52.16
signal [adc counts]

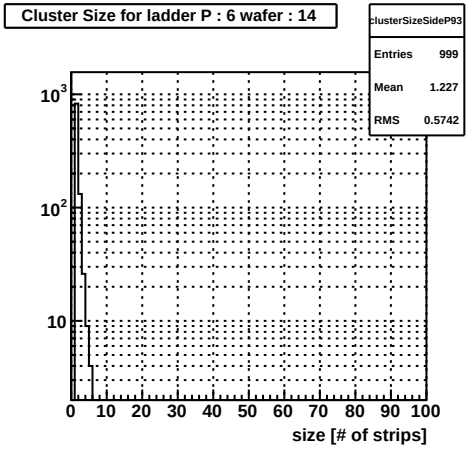

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 99
Mean 1.333
RMS 0.7521
size [# of strips]

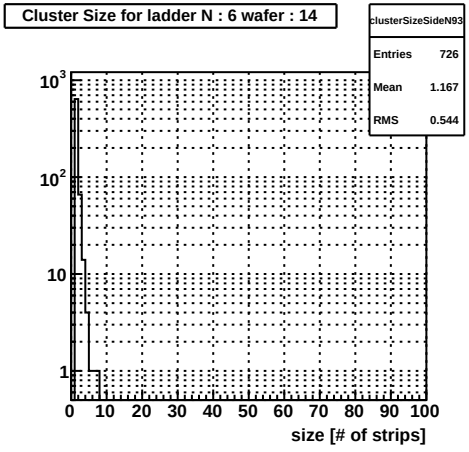

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 265
Mean 1.306
RMS 0.5434
size [# of strips]

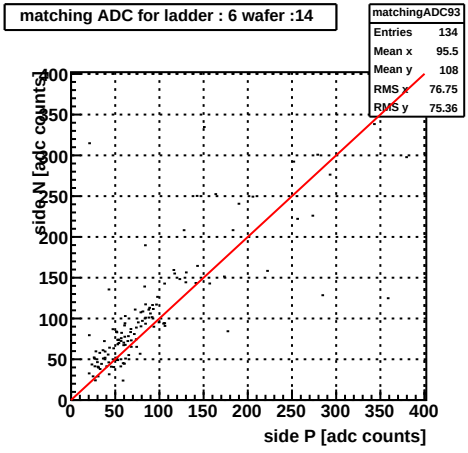

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 3
Mean x 71
Mean y 73
RMS x 46
RMS y 28
side N [adc counts]
side P [adc counts]

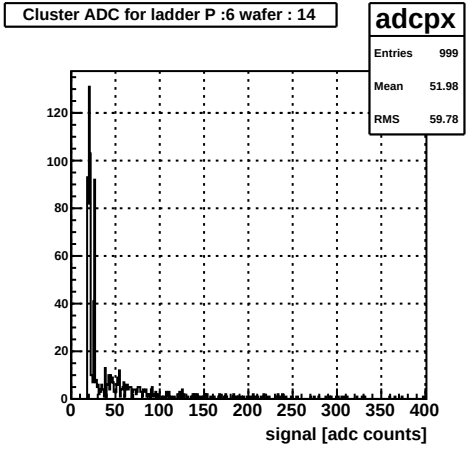

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 99
Mean 72.27
RMS 62.28
signal [adc counts]

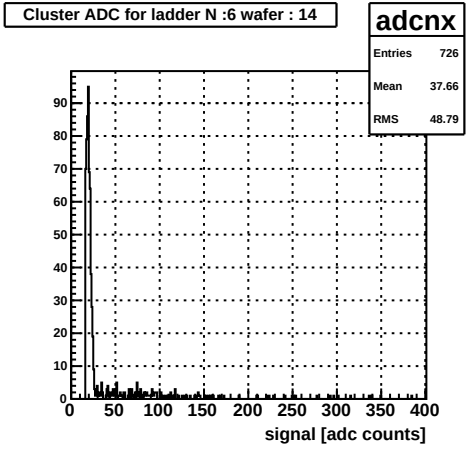

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 265
Mean 55.63
RMS 57.47
signal [adc counts]

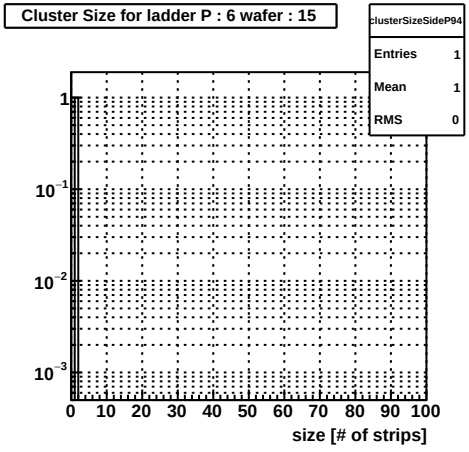

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 999
Mean 1.227
RMS 0.5742
size [# of strips]

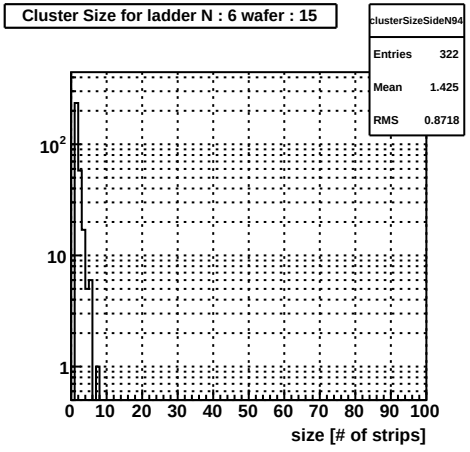

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 726
Mean 1.167
RMS 0.544
size [# of strips]

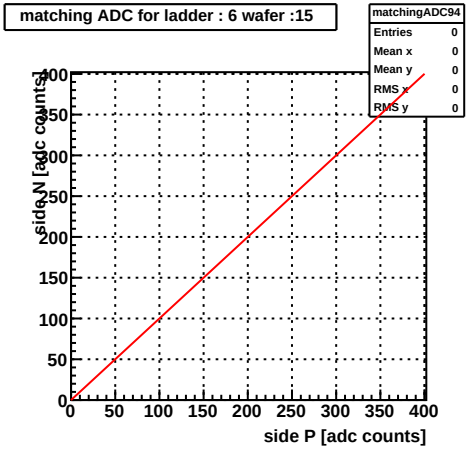

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 134
Mean x 95.5
Mean y 108
RMS x 76.75
RMS y 75.36
side N [adc counts]
side P [adc counts]

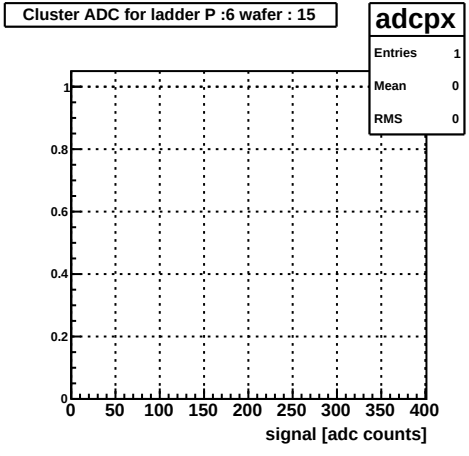

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 999
Mean 51.98
RMS 59.78
signal [adc counts]

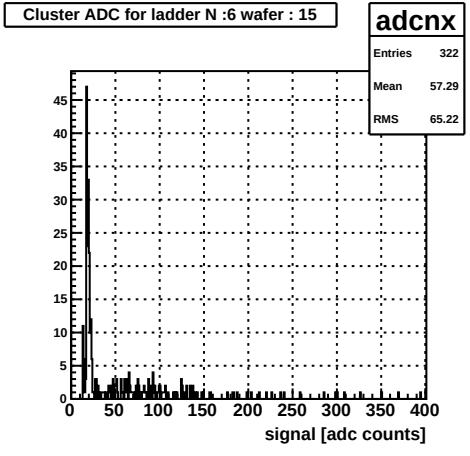

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 726
Mean 37.66
RMS 48.79
signal [adc counts]

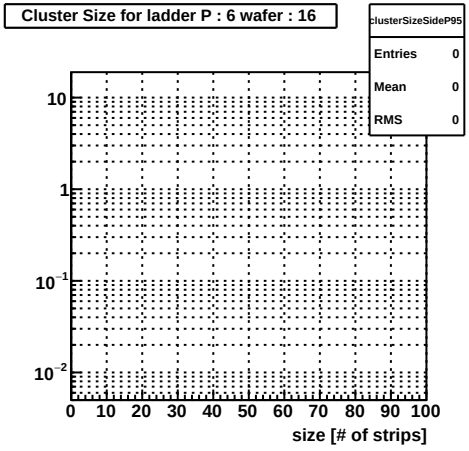

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

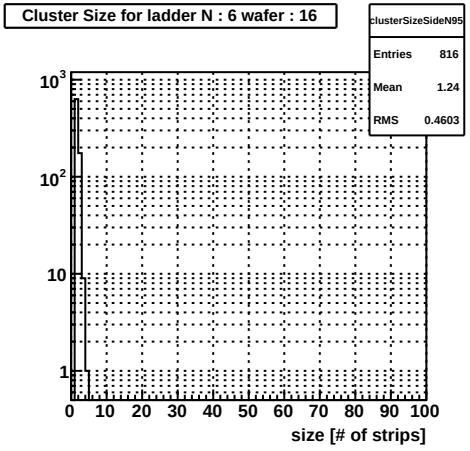

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 322
Mean 1.425
RMS 0.8718
size [# of strips]

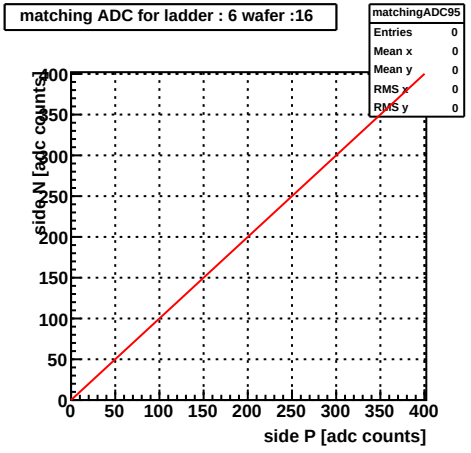

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

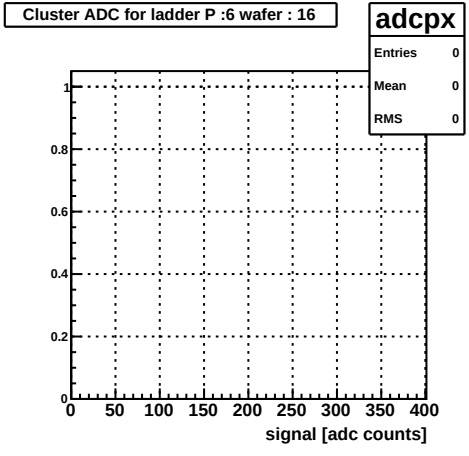

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

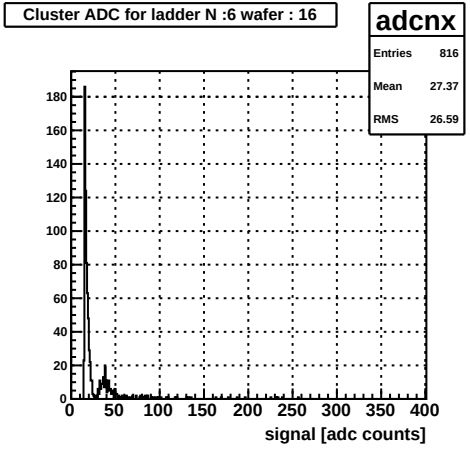

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 322
Mean 57.29
RMS 65.22
signal [adc counts]

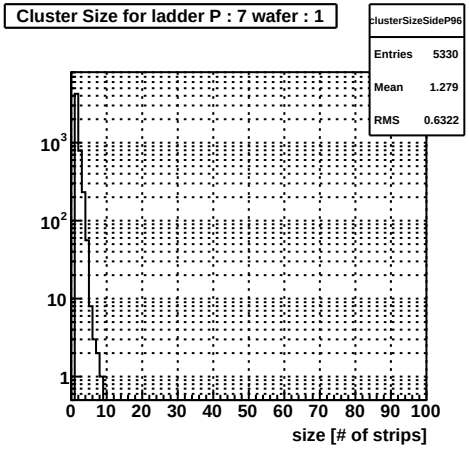

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

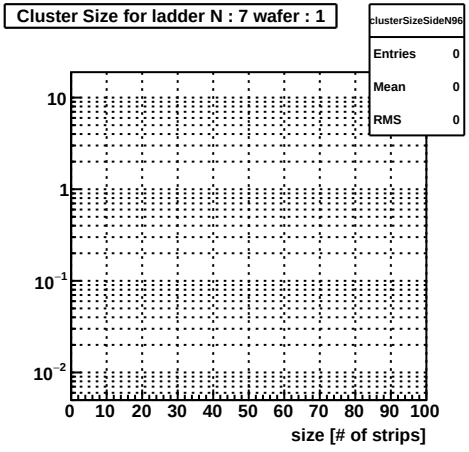

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 816
Mean 1.24
RMS 0.4603
size [# of strips]

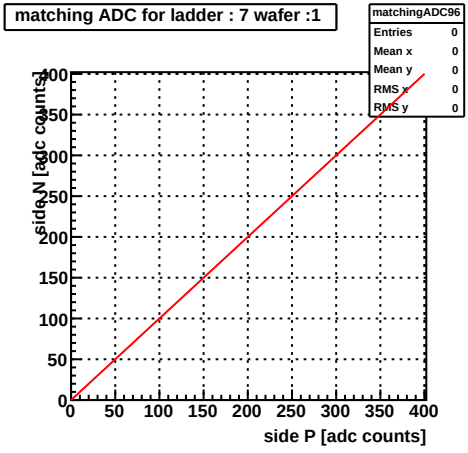

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

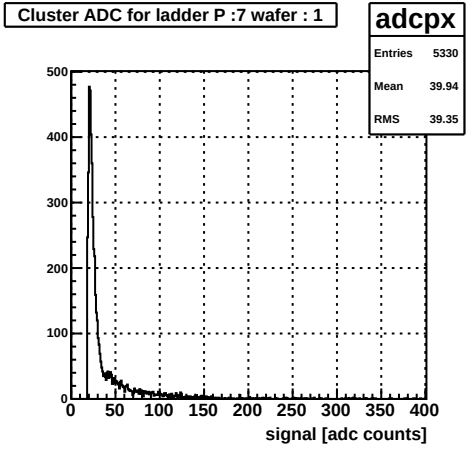

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

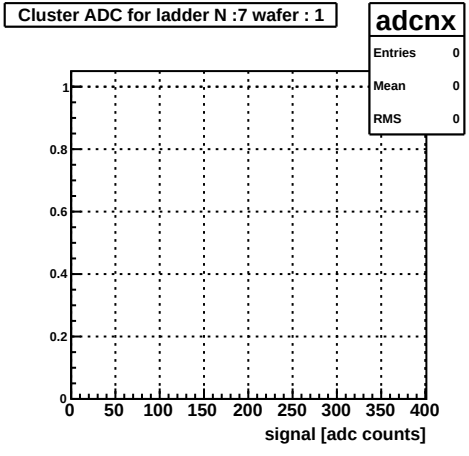

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 816
Mean 27.37
RMS 26.59
signal [adc counts]

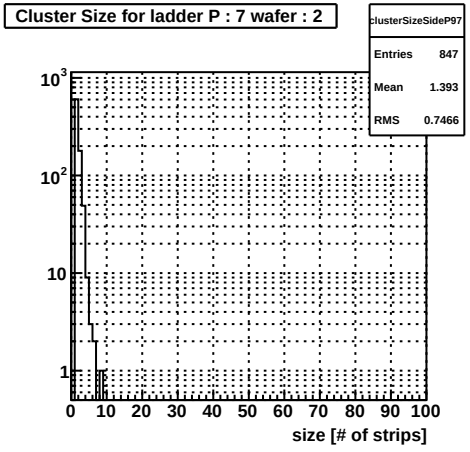

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5330
Mean 1.279
RMS 0.6322
size [# of strips]

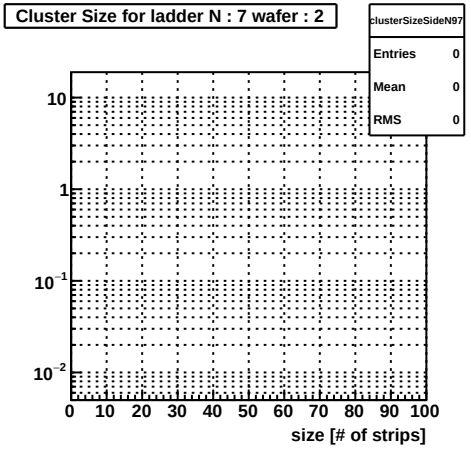

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

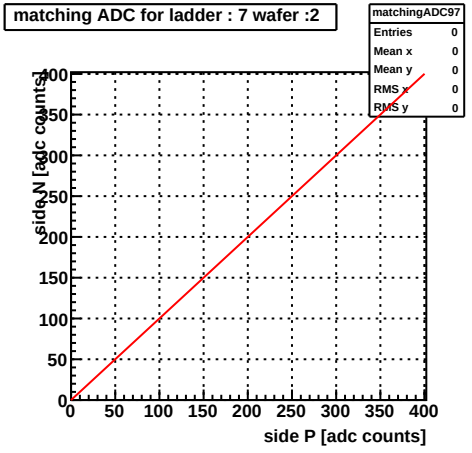

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

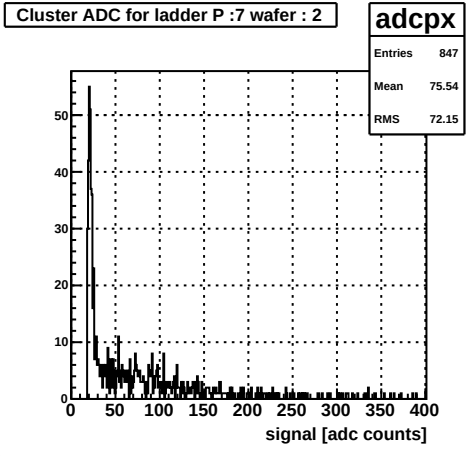

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5330
Mean 39.94
RMS 39.35
signal [adc counts]

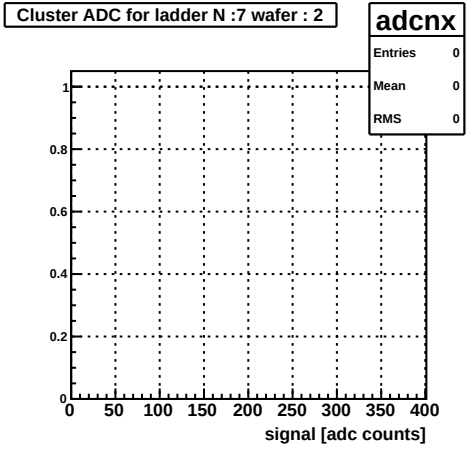

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

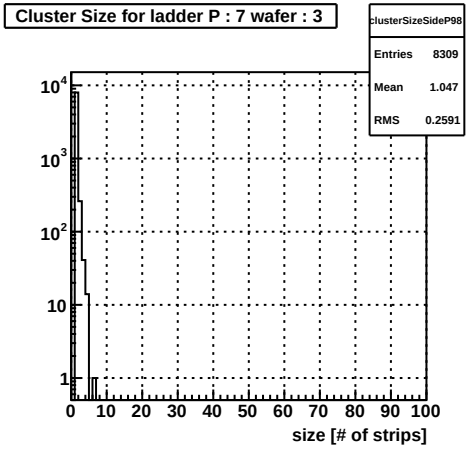

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 847
Mean 1.393
RMS 0.7466
size [# of strips]

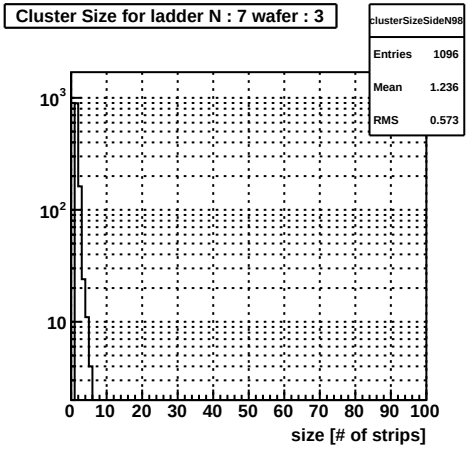

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

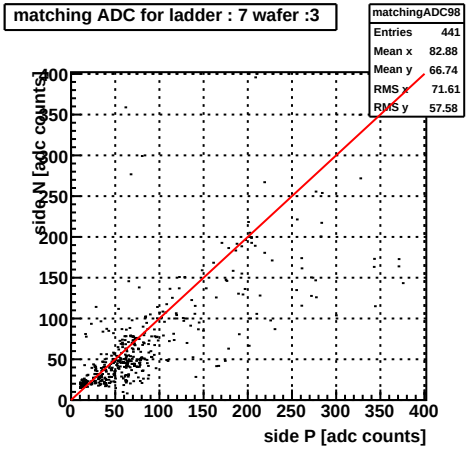

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

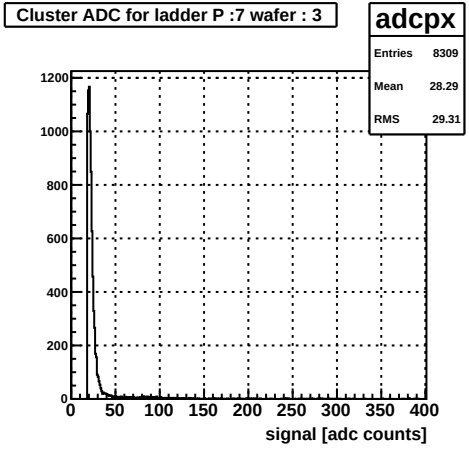

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 847
Mean 75.54
RMS 72.15
signal [adc counts]

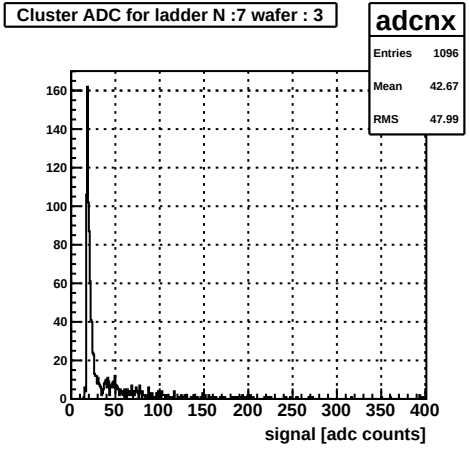

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

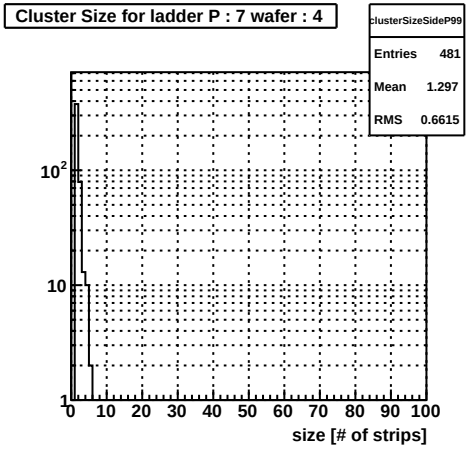

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 8309
Mean 1.047
RMS 0.2591
size [# of strips]

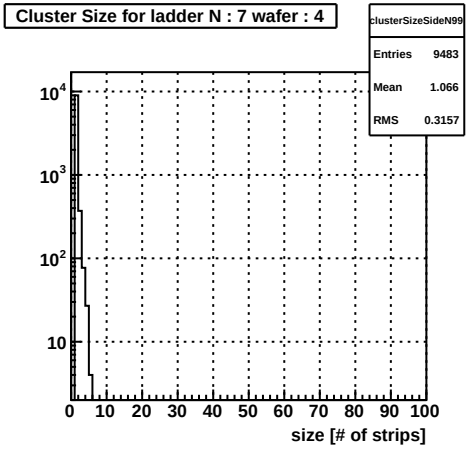

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1096
Mean 1.236
RMS 0.573
size [# of strips]

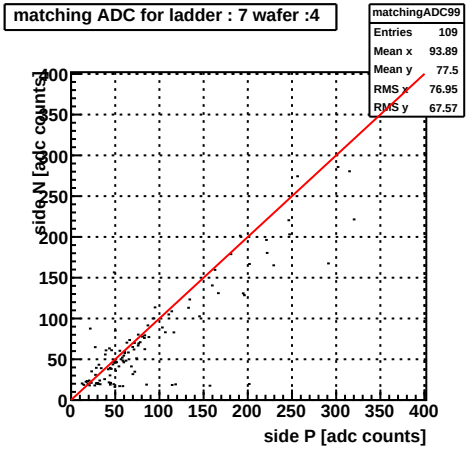

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 441
Mean x 82.88
Mean y 66.74
RMS x 71.61
RMS y 57.58
side N [adc counts]
side P [adc counts]

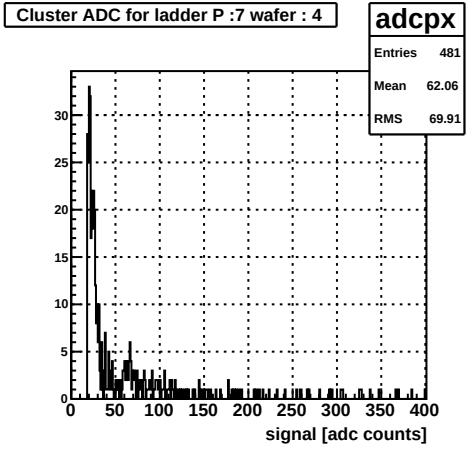

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 8309
Mean 28.29
RMS 29.31
signal [adc counts]

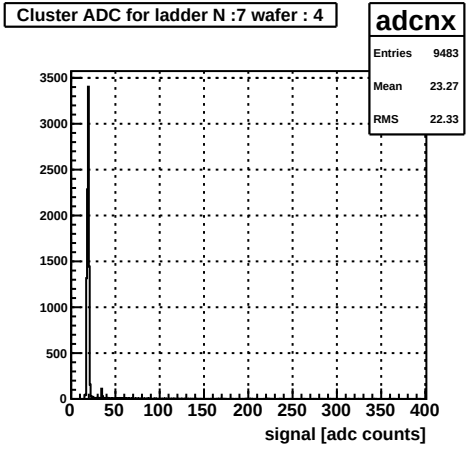

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1096
Mean 42.67
RMS 47.99
signal [adc counts]

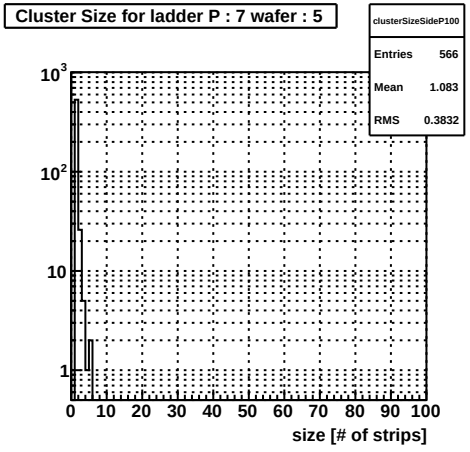

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 481
Mean 1.297
RMS 0.6615
size [# of strips]

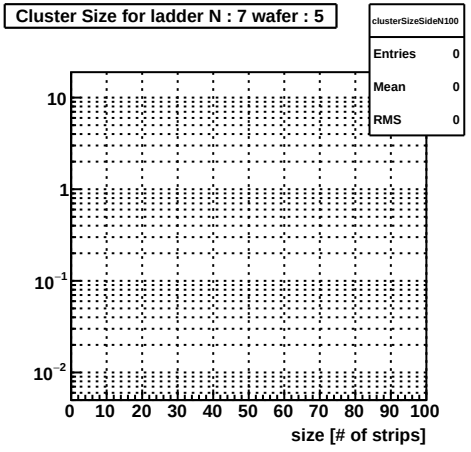

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 9483
Mean 1.066
RMS 0.3157
size [# of strips]

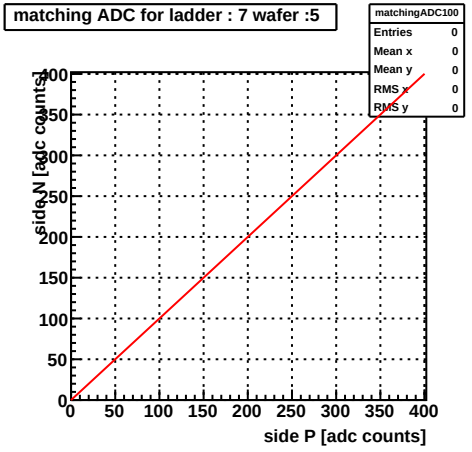

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 109
Mean x 93.89
Mean y 77.5
RMS x 76.95
RMS y 67.57
side N [adc counts]
side P [adc counts]

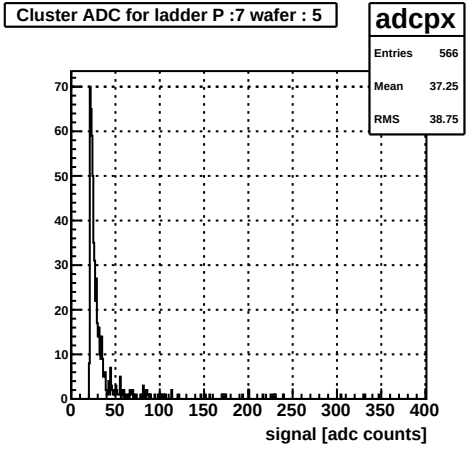

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 481
Mean 62.06
RMS 69.91
signal [adc counts]

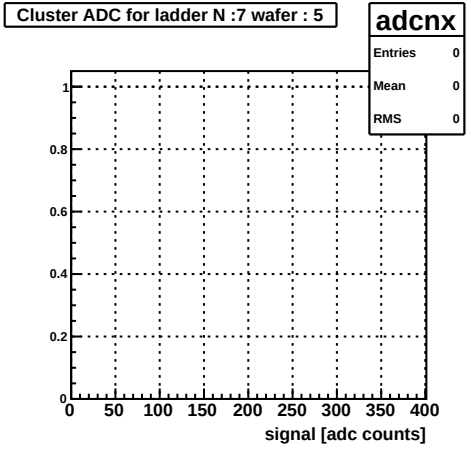

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 9483
Mean 23.27
RMS 22.33
signal [adc counts]

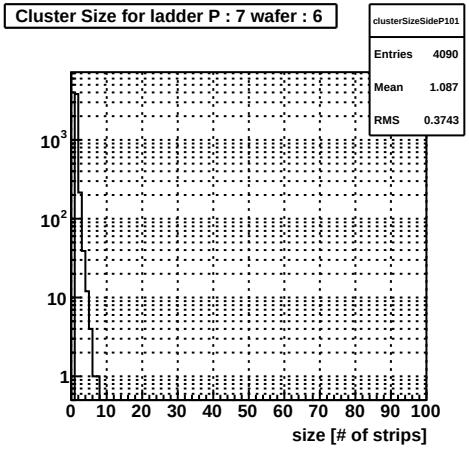

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 566
Mean 1.083
RMS 0.3832
size [# of strips]

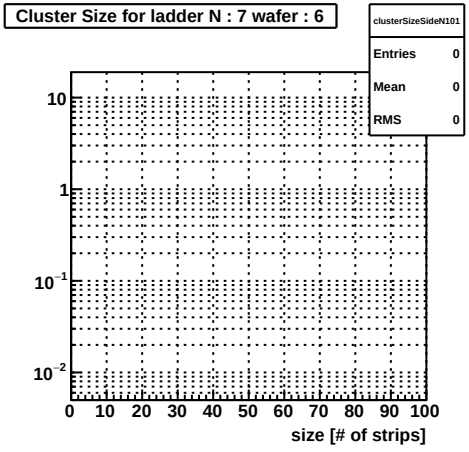

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

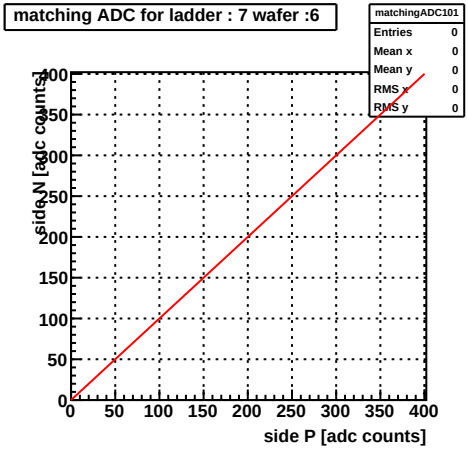

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

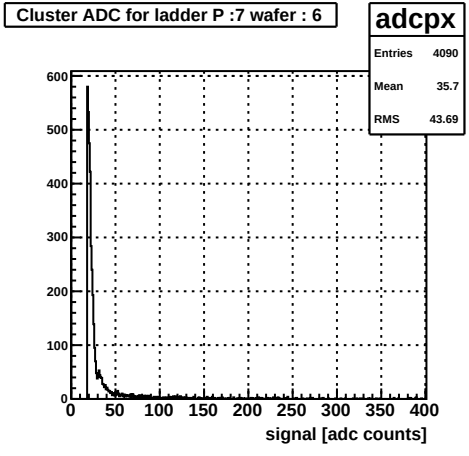

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 566
Mean 37.25
RMS 38.75
signal [adc counts]

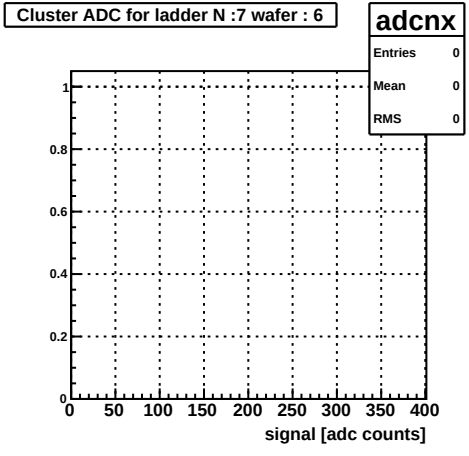

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

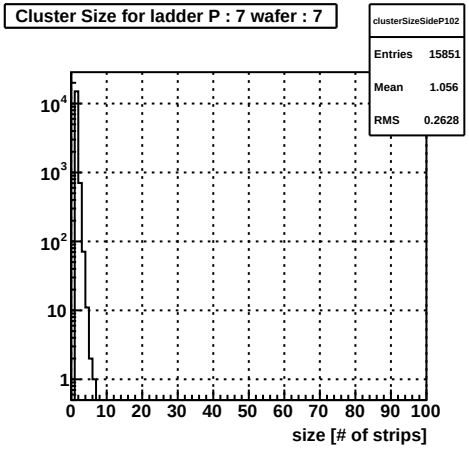

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4090
Mean 1.087
RMS 0.3743
size [# of strips]

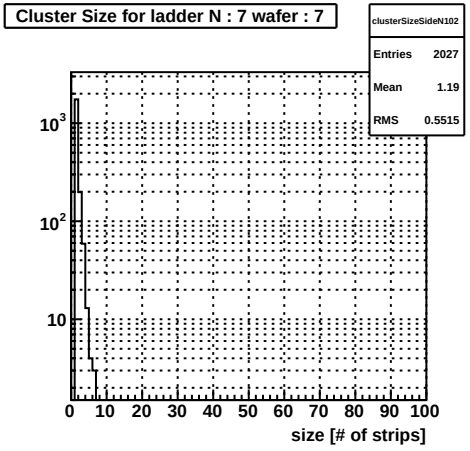

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

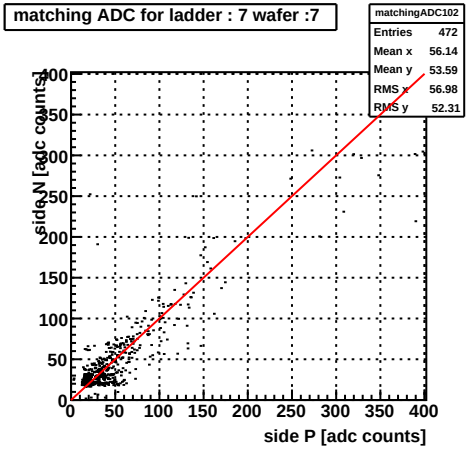

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

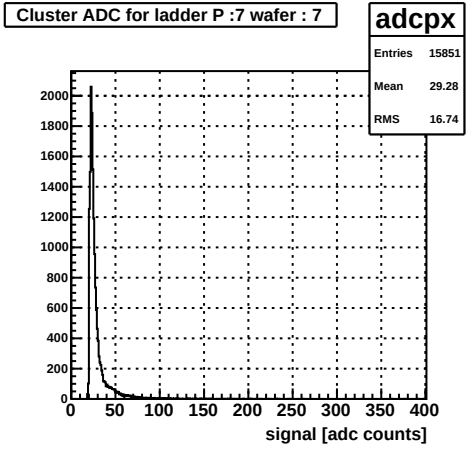

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4090
Mean 35.7
RMS 43.69
signal [adc counts]

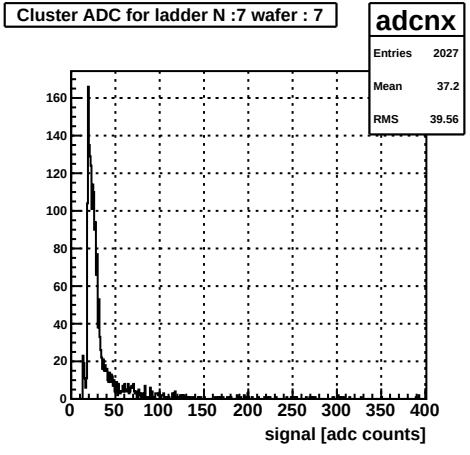

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

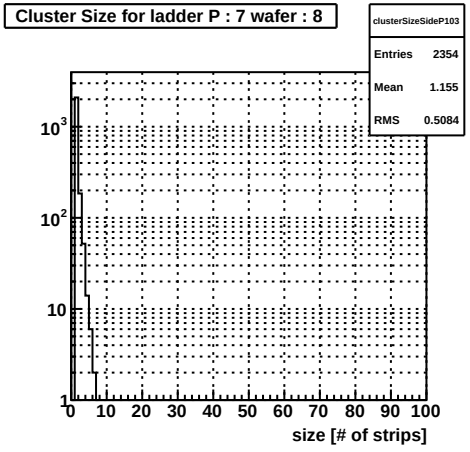

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 15851
Mean 1.056
RMS 0.2628
size [# of strips]

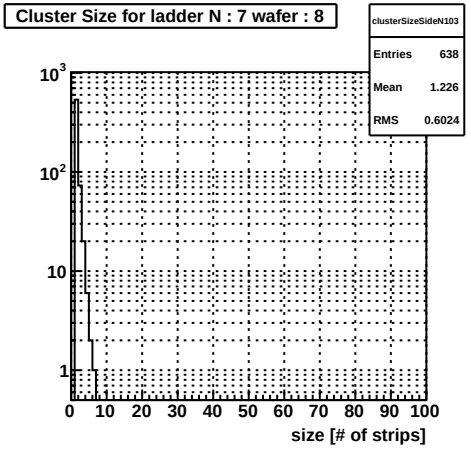

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2027
Mean 1.19
RMS 0.5515
size [# of strips]

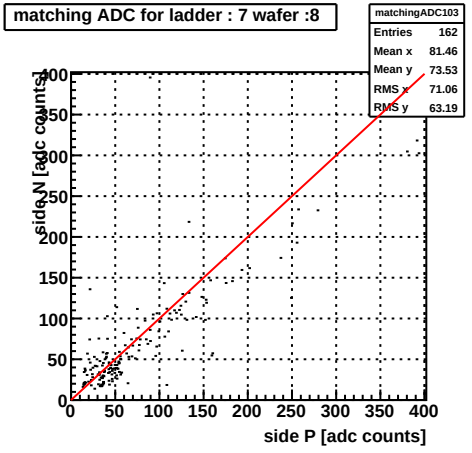

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 472
Mean x 56.14
Mean y 53.59
RMS x 56.98
RMS y 52.31
side N [adc counts]
side P [adc counts]

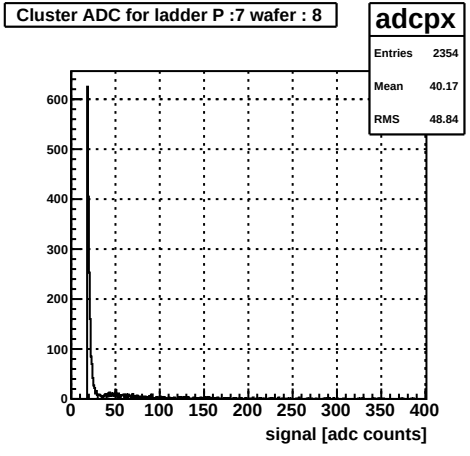

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 15851
Mean 29.28
RMS 16.74
signal [adc counts]

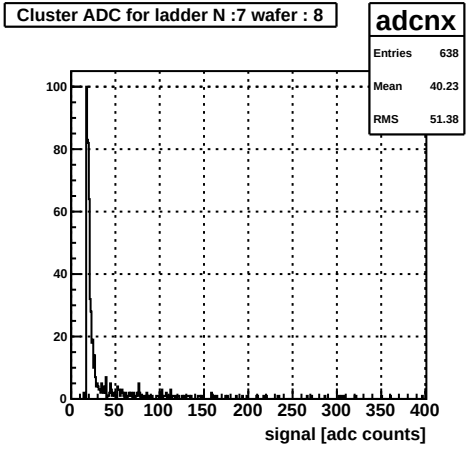

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2027
Mean 37.2
RMS 39.56
signal [adc counts]

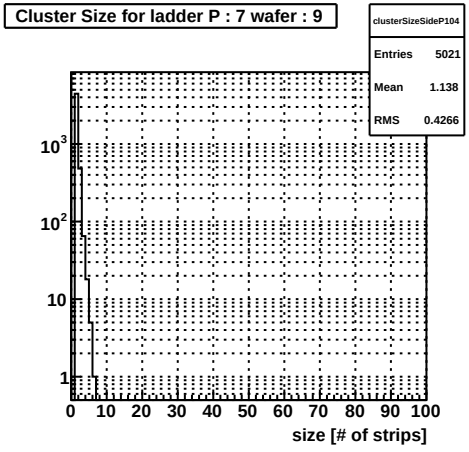

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2354
Mean 1.155
RMS 0.5084
size [# of strips]

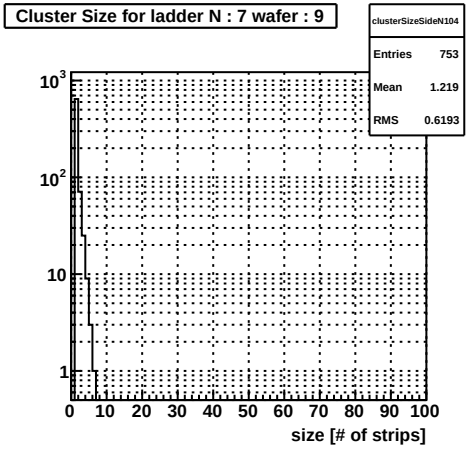

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 638
Mean 1.226
RMS 0.6024
size [# of strips]

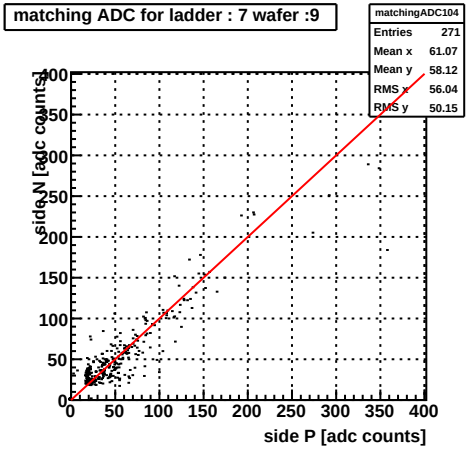

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 162
Mean x 81.46
Mean y 73.53
RMS x 71.06
RMS y 63.19
side N [adc counts]
side P [adc counts]

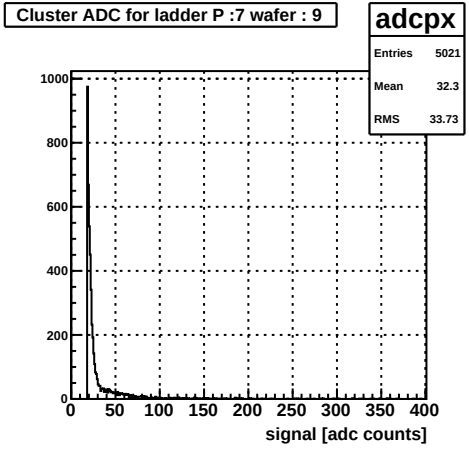

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2354
Mean 40.17
RMS 48.84
signal [adc counts]

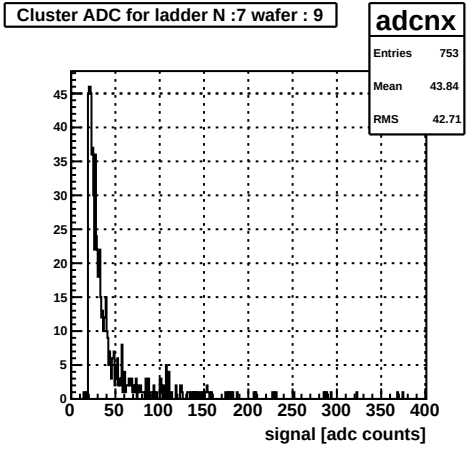

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 638
Mean 40.23
RMS 51.38
signal [adc counts]

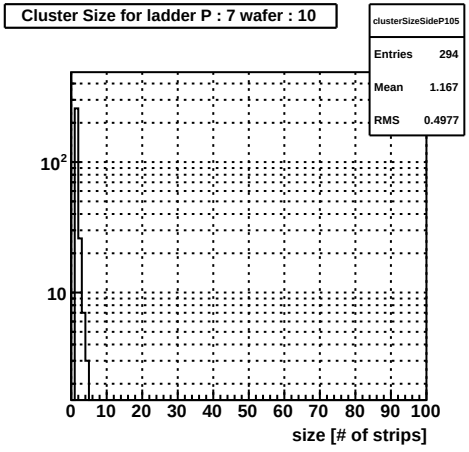

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5021
Mean 1.138
RMS 0.4266
size [# of strips]

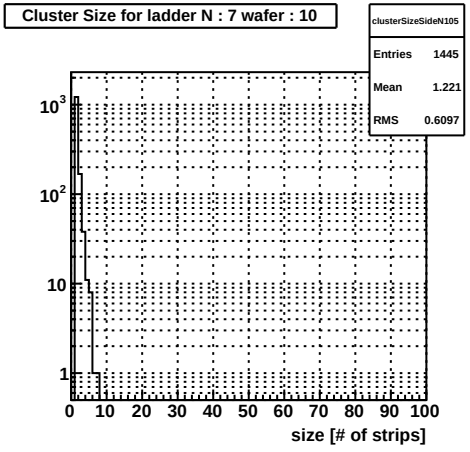

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 753
Mean 1.219
RMS 0.6193
size [# of strips]

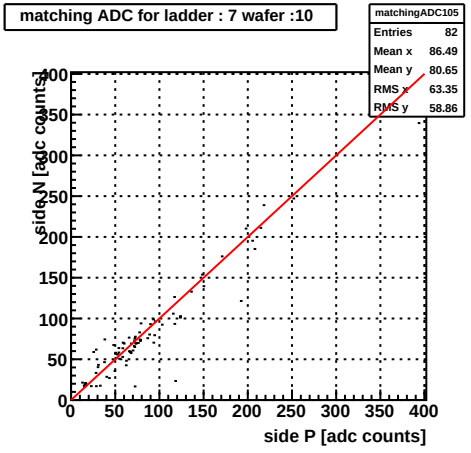

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 271
Mean x 61.07
Mean y 58.12
RMS x 56.04
RMS y 50.15
side N [adc counts]
side P [adc counts]

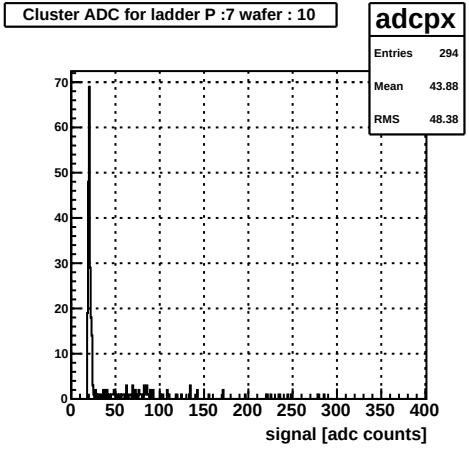

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5021
Mean 32.3
RMS 33.73
signal [adc counts]

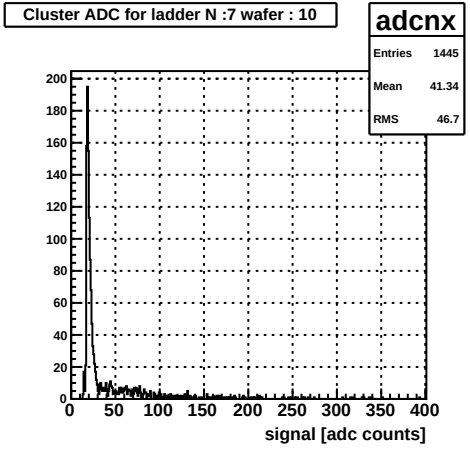

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 753
Mean 43.84
RMS 42.71
signal [adc counts]

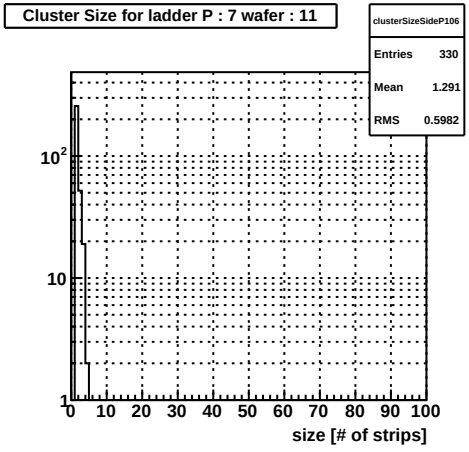

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 294
Mean 1.167
RMS 0.4977
size [# of strips]

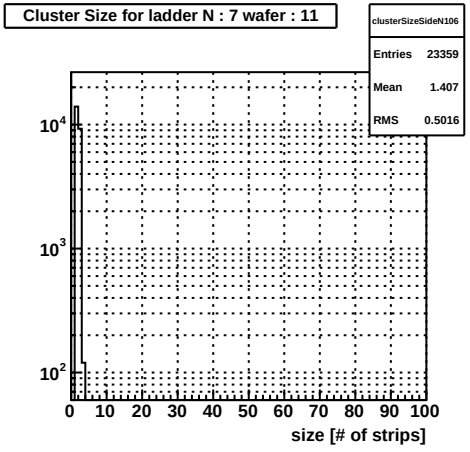

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1445
Mean 1.221
RMS 0.6097
size [# of strips]

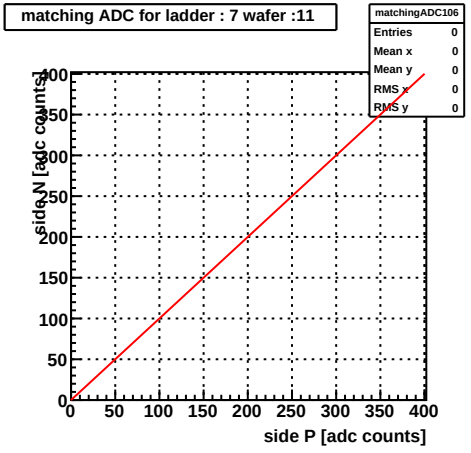

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 82
Mean x 86.49
Mean y 80.65
RMS x 63.35
RMS y 58.86
side N [adc counts]
side P [adc counts]

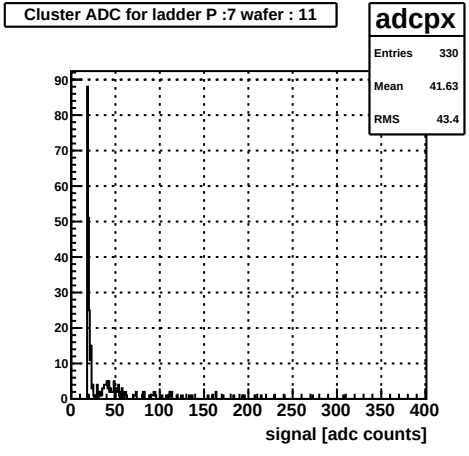

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 294
Mean 43.88
RMS 48.38
signal [adc counts]

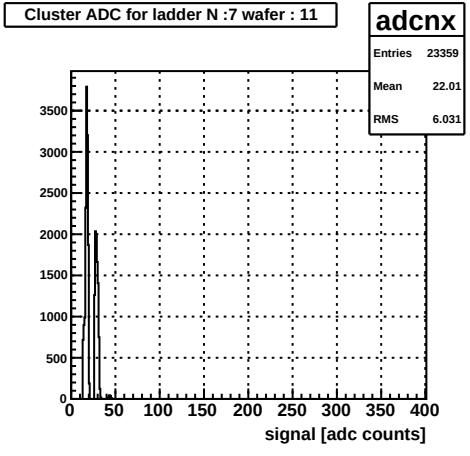

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1445
Mean 41.34
RMS 46.7
signal [adc counts]

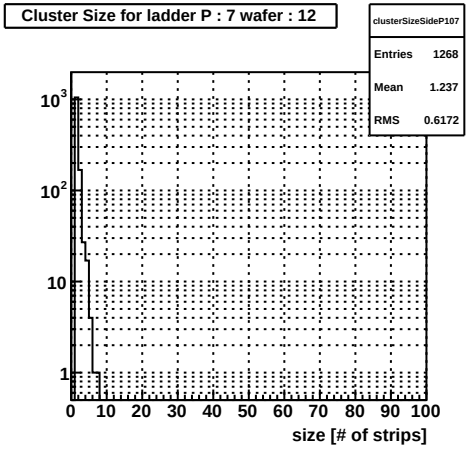

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 330
Mean 1.291
RMS 0.5982
size [# of strips]

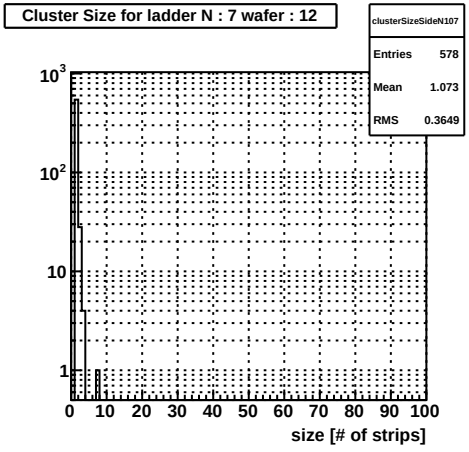

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 23359
Mean 1.407
RMS 0.5016
size [# of strips]

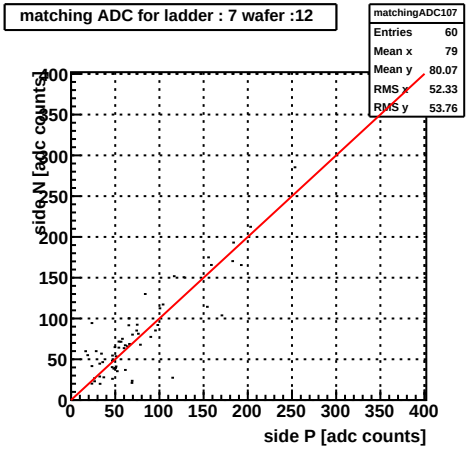

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

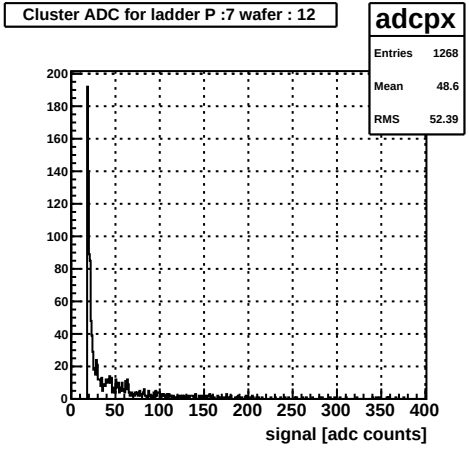

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 330
Mean 41.63
RMS 43.4
signal [adc counts]

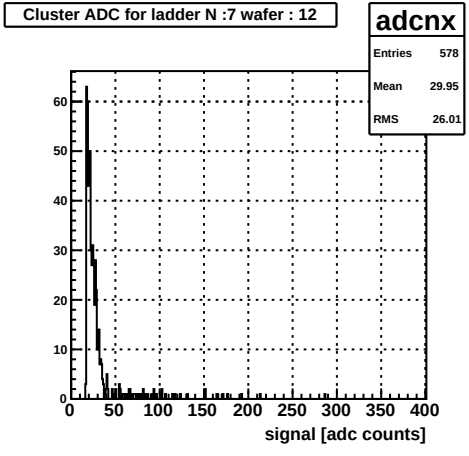

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 23359
Mean 22.01
RMS 6.031
signal [adc counts]

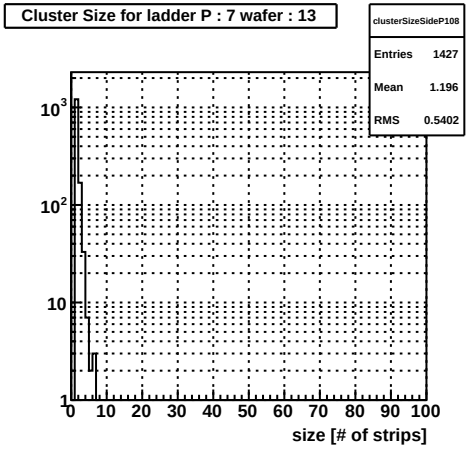

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1268
Mean 1.237
RMS 0.6172
size [# of strips]

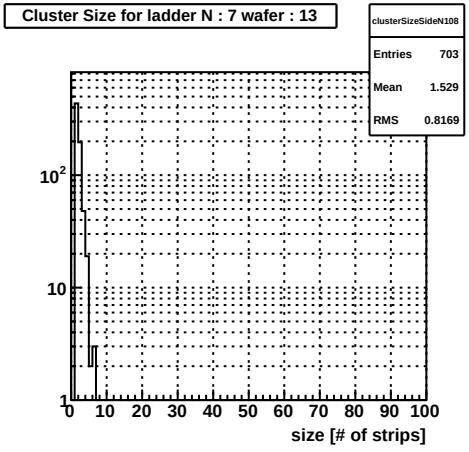

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 578
Mean 1.073
RMS 0.3649
size [# of strips]

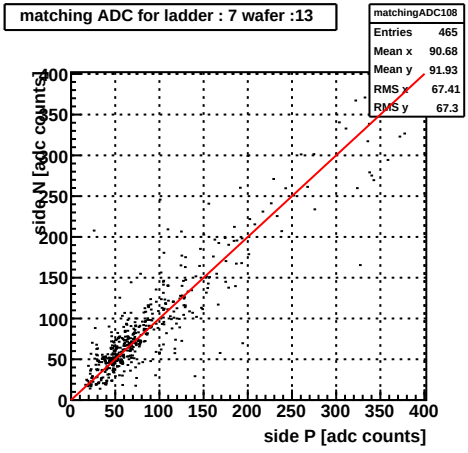

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 60
Mean x 79
Mean y 80.07
RMS x 52.33
RMS y 53.76
side N [adc counts]
side P [adc counts]

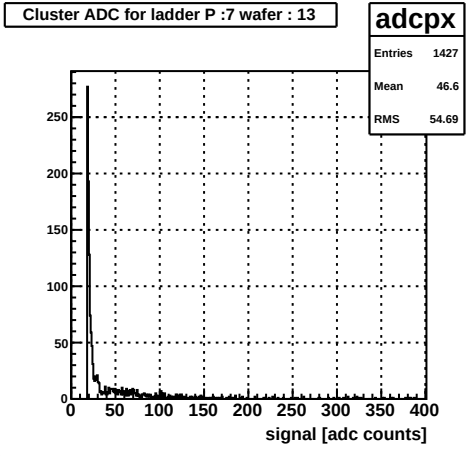

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1268
Mean 48.6
RMS 52.39
signal [adc counts]

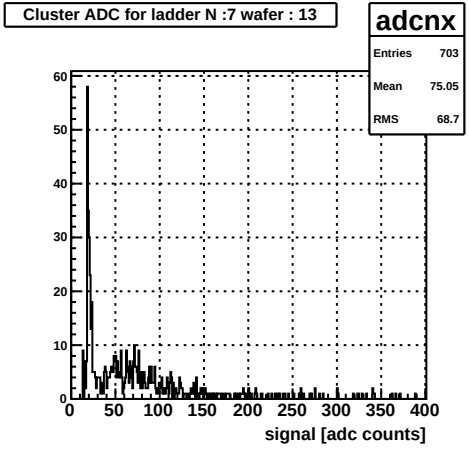

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 578
Mean 29.95
RMS 26.01
signal [adc counts]

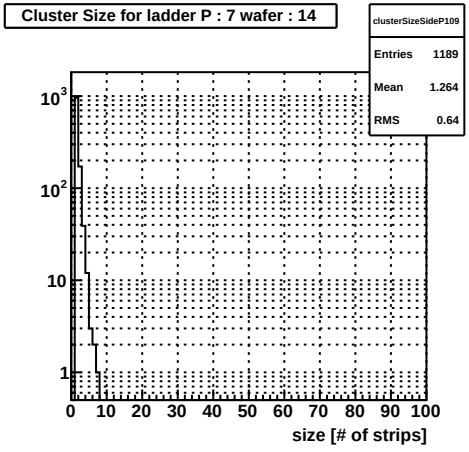

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1427
Mean 1.196
RMS 0.5402
size [# of strips]

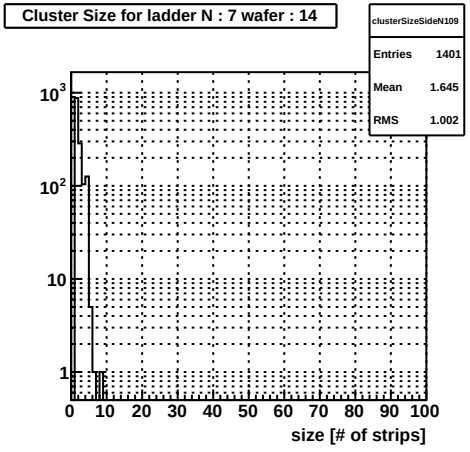

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 703
Mean 1.529
RMS 0.8169
size [# of strips]

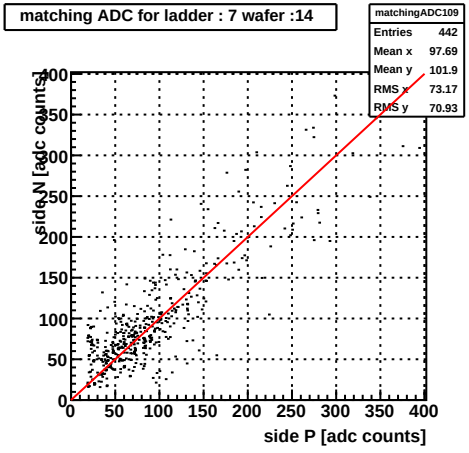

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 465
Mean x 90.68
Mean y 91.93
RMS x 67.41
RMS y 67.3
side N [adc counts]
side P [adc counts]

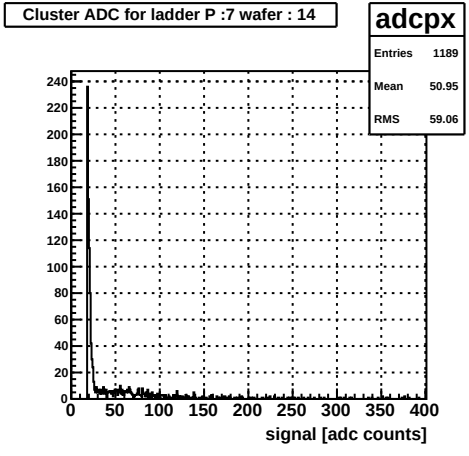

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1427
Mean 46.6
RMS 54.69
signal [adc counts]

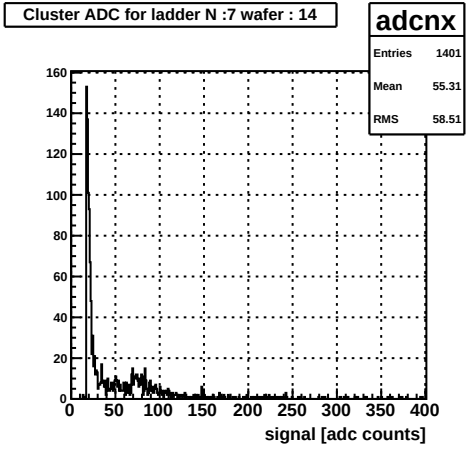

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 703
Mean 75.05
RMS 68.7
signal [adc counts]

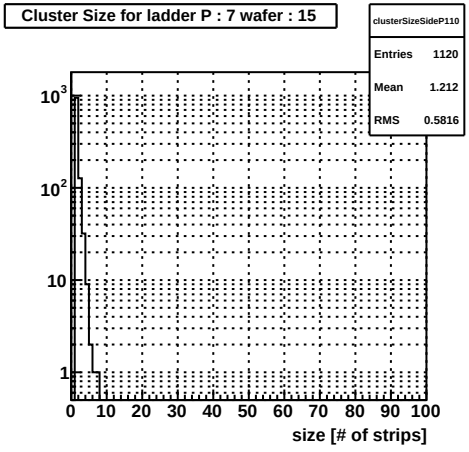

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1189
Mean 1.264
RMS 0.64
size [# of strips]

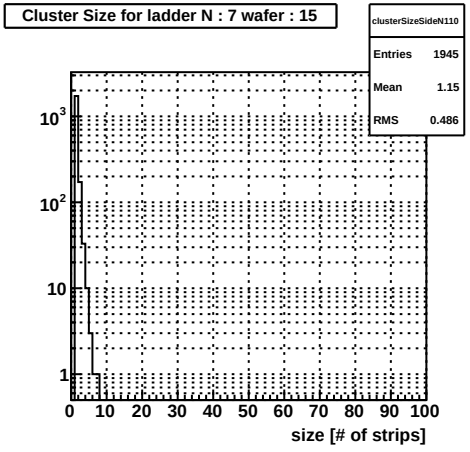

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1401
Mean 1.645
RMS 1.002
size [# of strips]

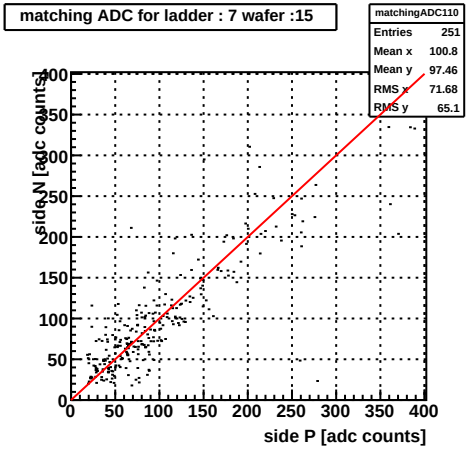

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 442
Mean x 97.69
Mean y 101.9
RMS x 73.17
RMS y 70.93
side N [adc counts]
side P [adc counts]

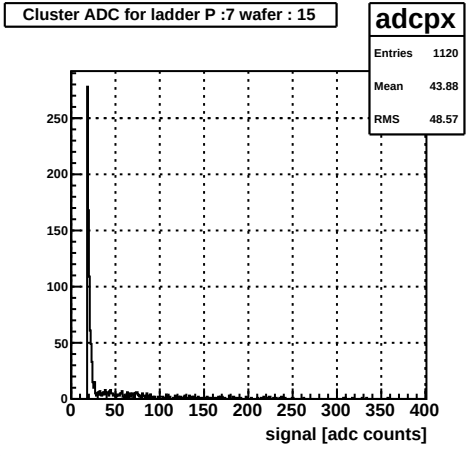

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1189
Mean 50.95
RMS 59.06
signal [adc counts]

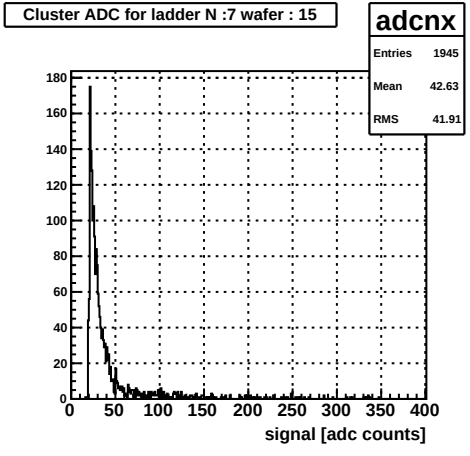

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1401
Mean 55.31
RMS 58.51
signal [adc counts]

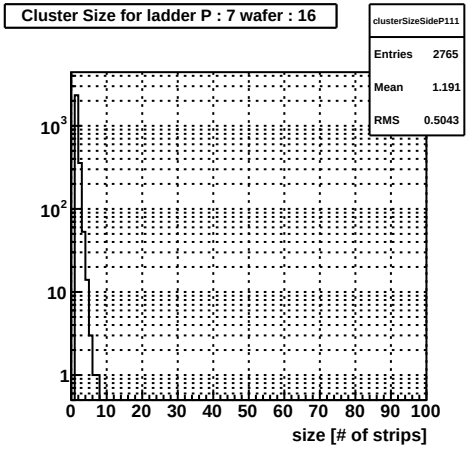

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1120
Mean 1.212
RMS 0.5816
size [# of strips]

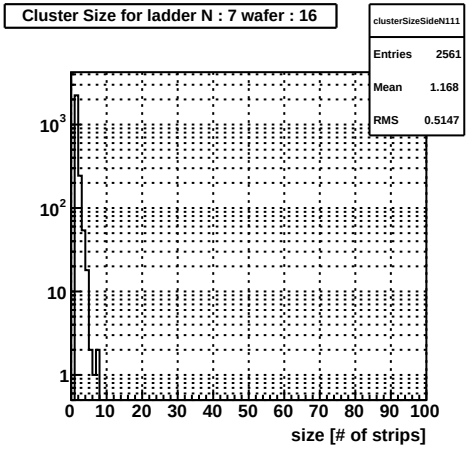

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1945
Mean 1.15
RMS 0.486
size [# of strips]

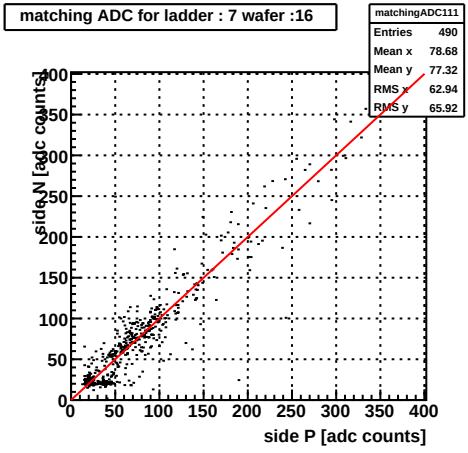

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 251
Mean x 100.8
Mean y 97.46
RMS x 71.68
RMS y 65.1
side N [adc counts]
side P [adc counts]

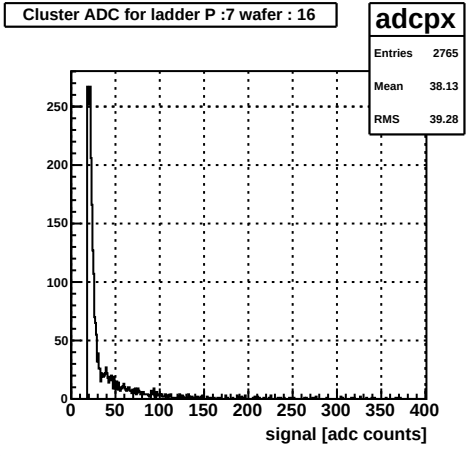

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1120
Mean 43.88
RMS 48.57
signal [adc counts]

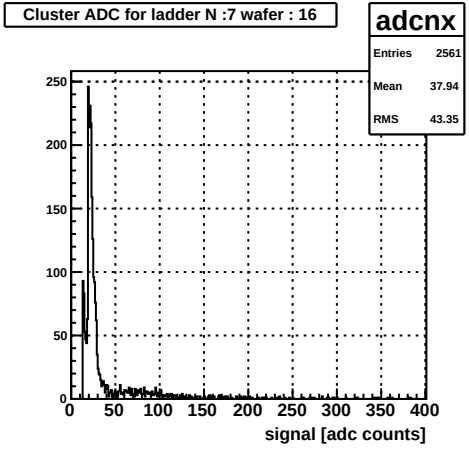

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1945
Mean 42.63
RMS 41.91
signal [adc counts]

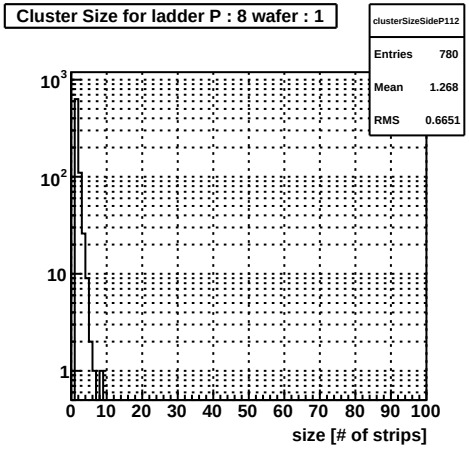

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2765
Mean 1.191
RMS 0.5043
size [# of strips]

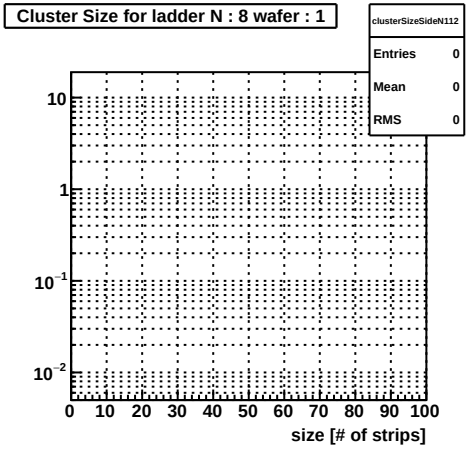

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2561
Mean 1.168
RMS 0.5147
size [# of strips]

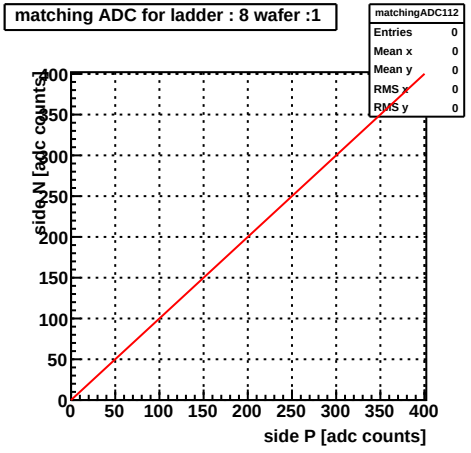

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 490
Mean x 78.68
Mean y 77.32
RMS x 62.94
RMS y 65.92
side N [adc counts]
side P [adc counts]

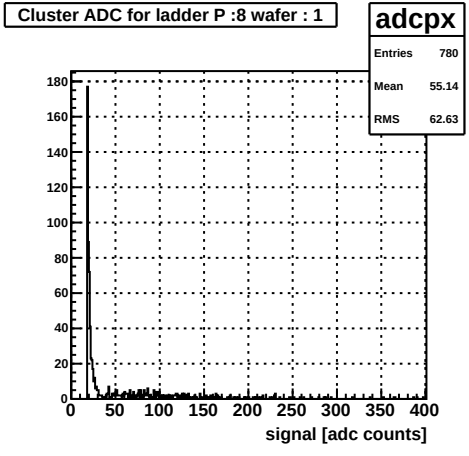

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2765
Mean 38.13
RMS 39.28
signal [adc counts]

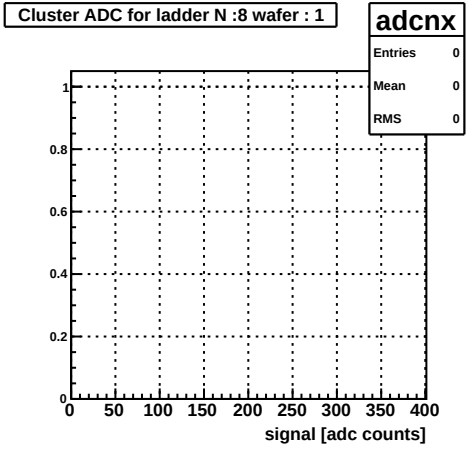

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2561
Mean 37.94
RMS 43.35
signal [adc counts]

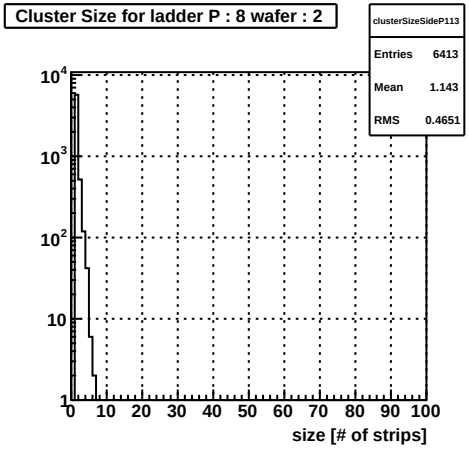

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 780
Mean 1.268
RMS 0.6651
size [# of strips]

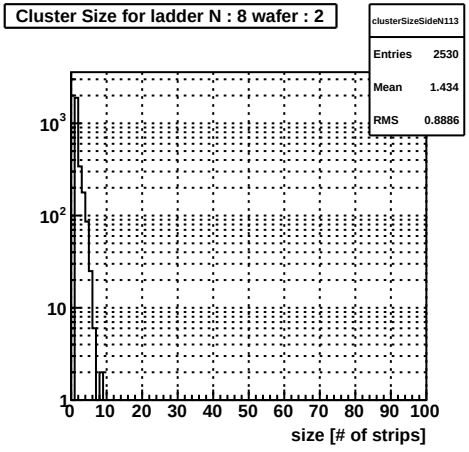

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

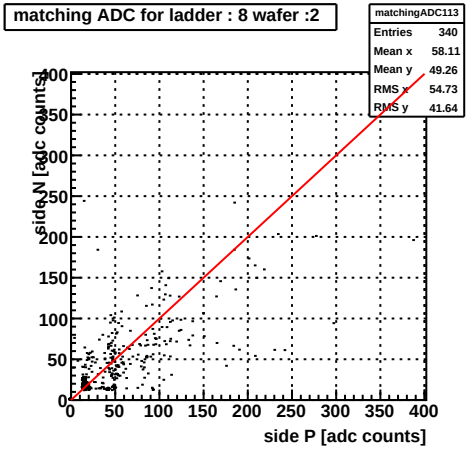

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

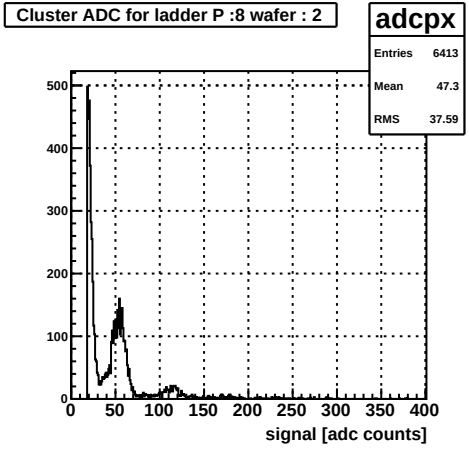

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 780
Mean 55.14
RMS 62.63
signal [adc counts]

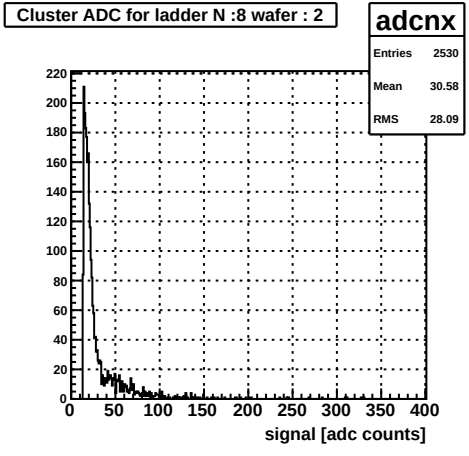

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

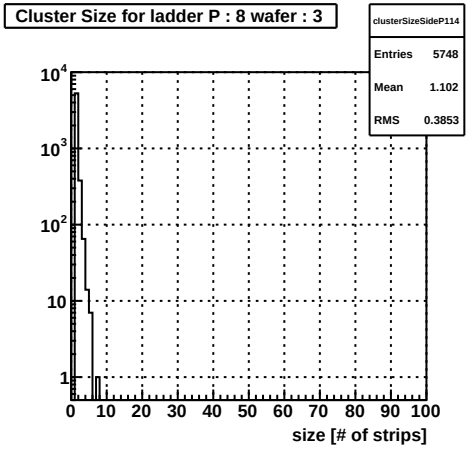

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6413
Mean 1.143
RMS 0.4651
size [# of strips]

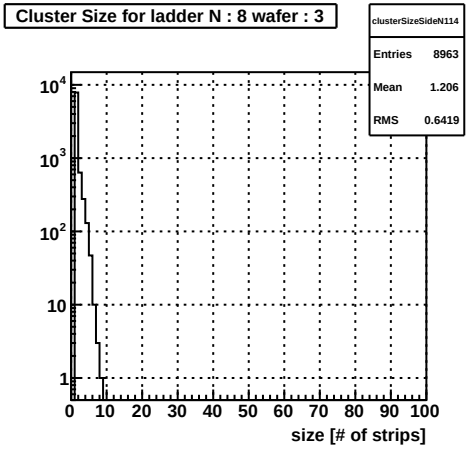

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2530
Mean 1.434
RMS 0.8886
size [# of strips]

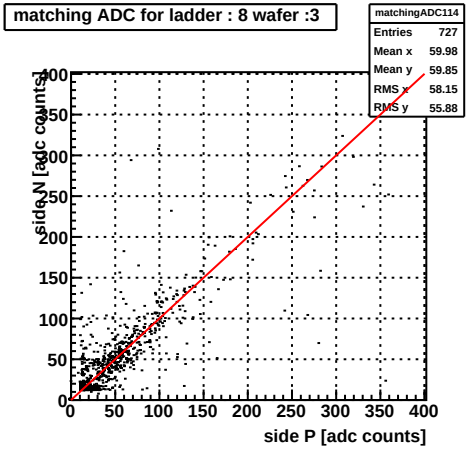

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 340
Mean x 58.11
Mean y 49.26
RMS x 54.73
RMS y 41.64
side N [adc counts]
side P [adc counts]

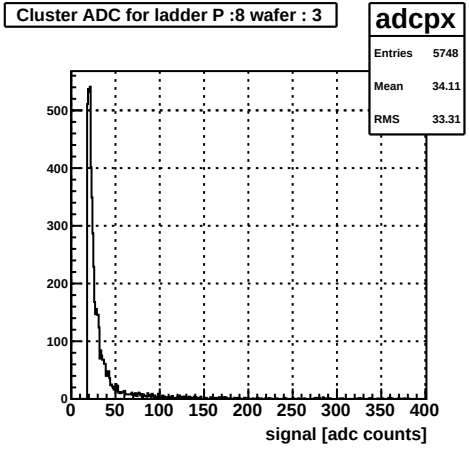

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6413
Mean 47.3
RMS 37.59
signal [adc counts]

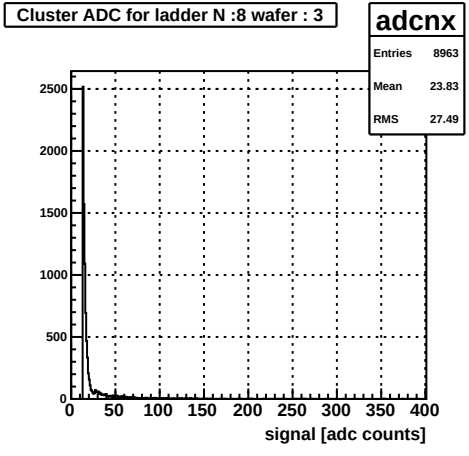

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2530
Mean 30.58
RMS 28.09
signal [adc counts]

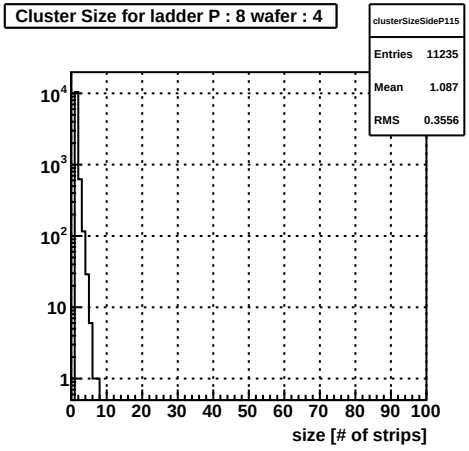

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5748
Mean 1.102
RMS 0.3853
size [# of strips]

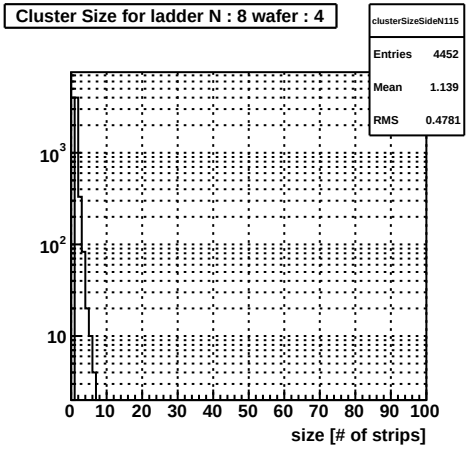

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 8963
Mean 1.206
RMS 0.6419
size [# of strips]

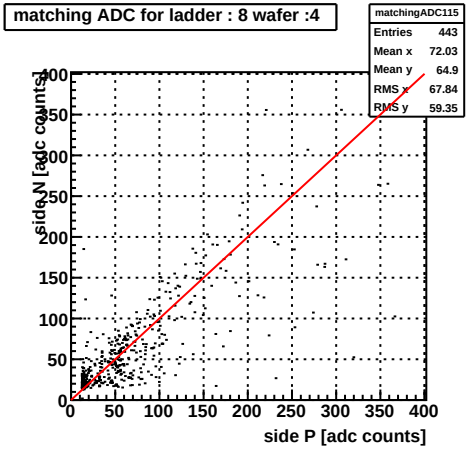

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 727
Mean x 59.98
Mean y 59.85
RMS x 58.15
RMS y 55.88
side N [adc counts]
side P [adc counts]

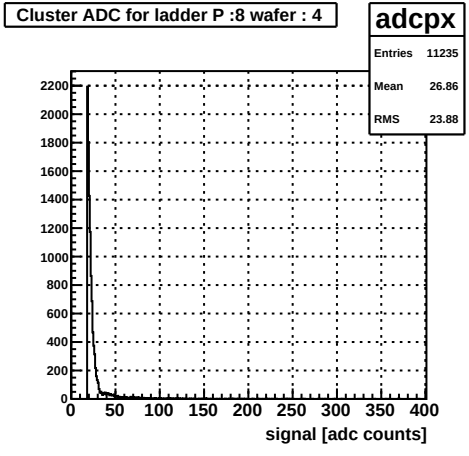

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5748
Mean 34.11
RMS 33.31
signal [adc counts]

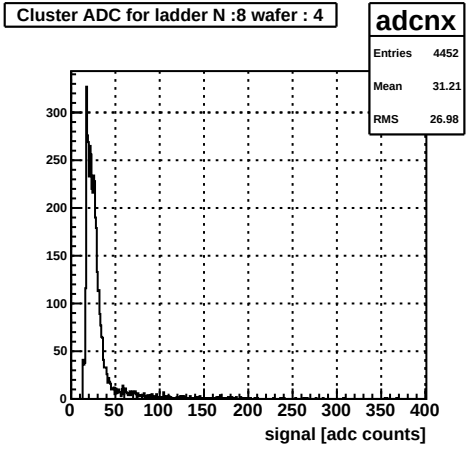

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 8963
Mean 23.83
RMS 27.49
signal [adc counts]

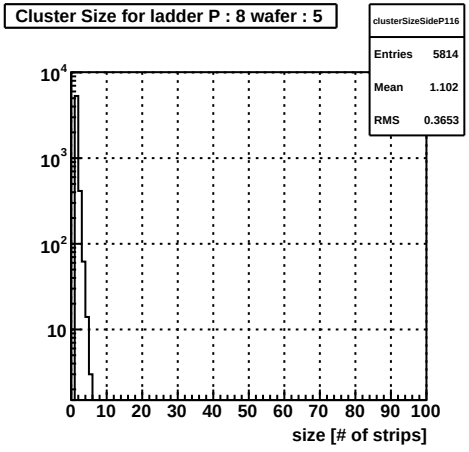

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 11235
Mean 1.087
RMS 0.3556
size [# of strips]

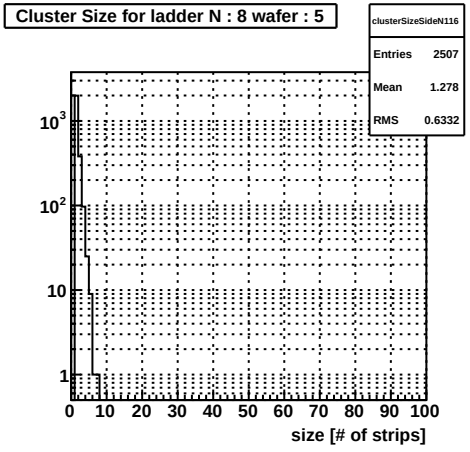

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 4452
Mean 1.139
RMS 0.4781
size [# of strips]

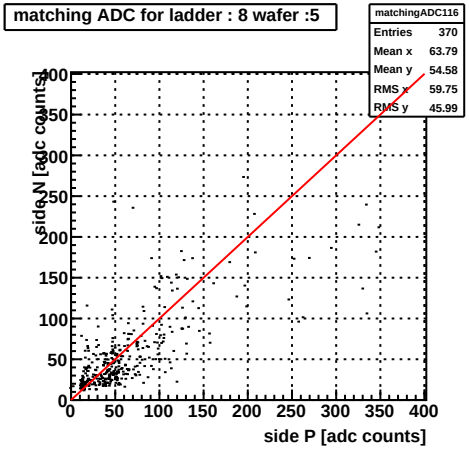

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 443
Mean x 72.03
Mean y 64.9
RMS x 67.84
RMS y 59.35
side N [adc counts]
side P [adc counts]

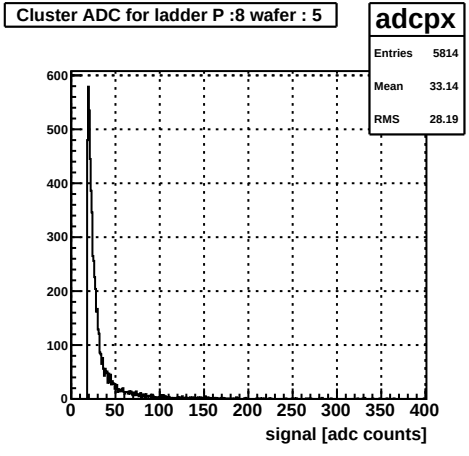

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 11235
Mean 26.86
RMS 23.88
signal [adc counts]

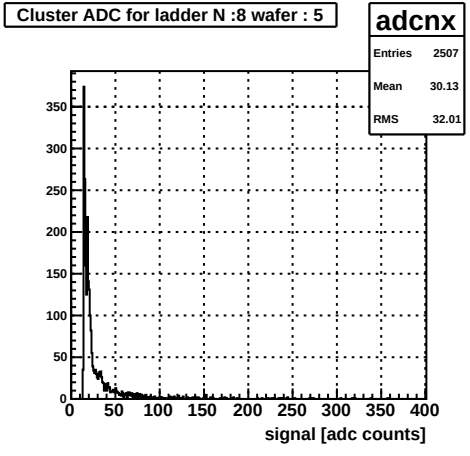

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 4452
Mean 31.21
RMS 26.98
signal [adc counts]

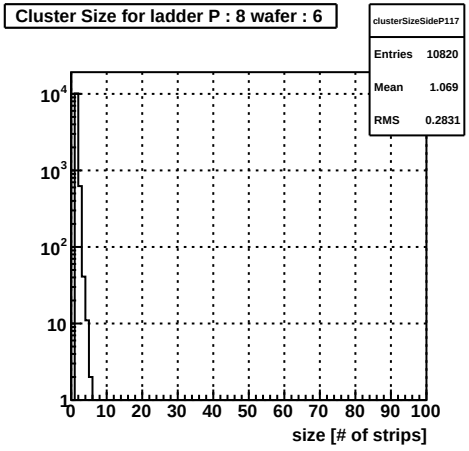

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5814
Mean 1.102
RMS 0.3653
size [# of strips]

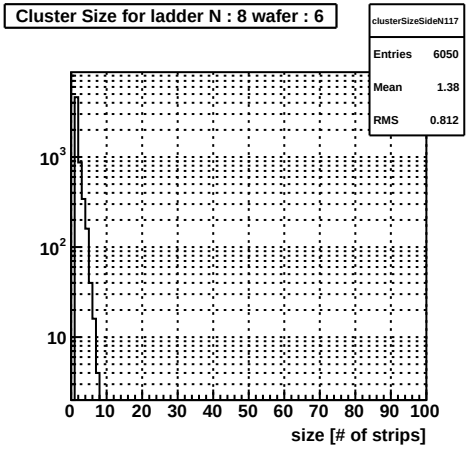

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2507
Mean 1.278
RMS 0.6332
size [# of strips]

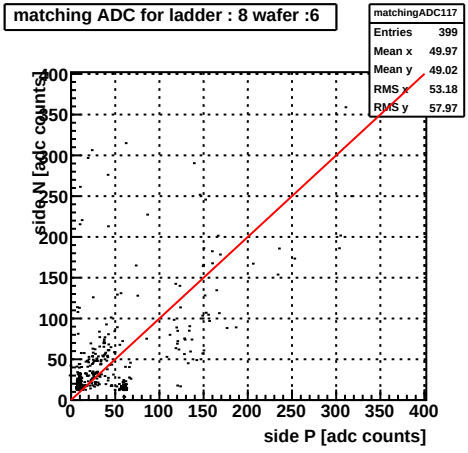

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 370
Mean x 63.79
Mean y 54.58
RMS x 59.75
RMS y 45.99
side N [adc counts]
side P [adc counts]

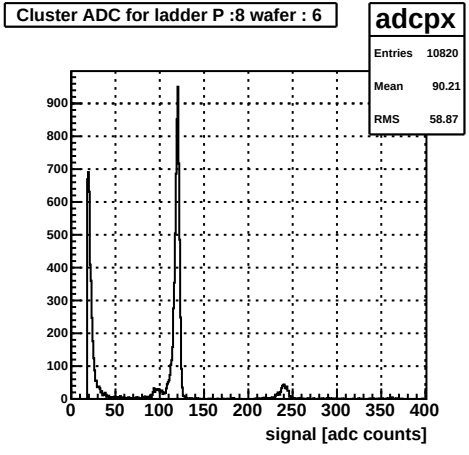

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5814
Mean 33.14
RMS 28.19
signal [adc counts]

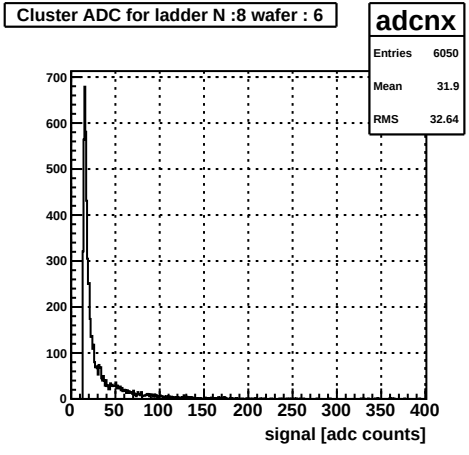

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2507
Mean 30.13
RMS 32.01
signal [adc counts]

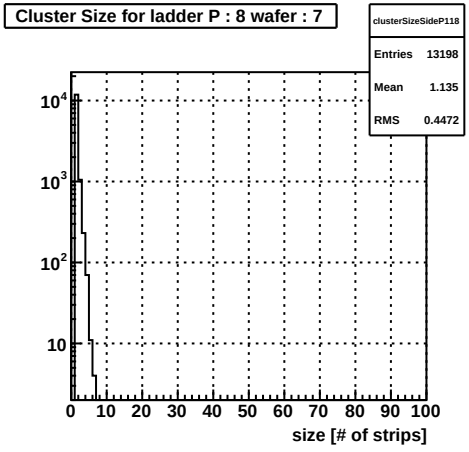

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 10820
Mean 1.069
RMS 0.2831
size [# of strips]

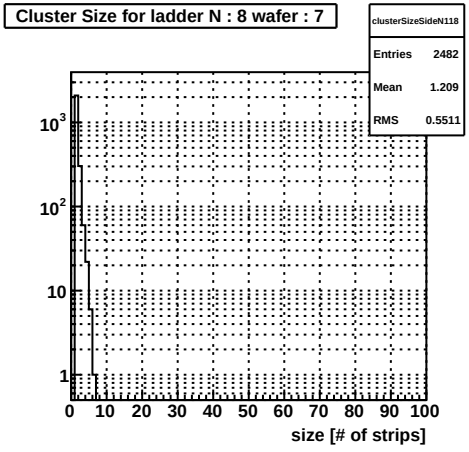

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6050
Mean 1.38
RMS 0.812
size [# of strips]

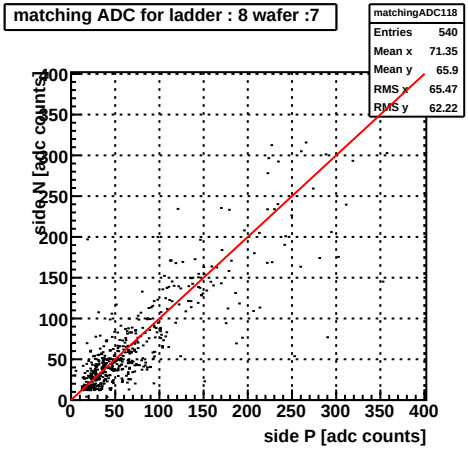

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 399
Mean x 49.97
Mean y 49.02
RMS x 53.18
RMS y 57.97
side N [adc counts]
side P [adc counts]

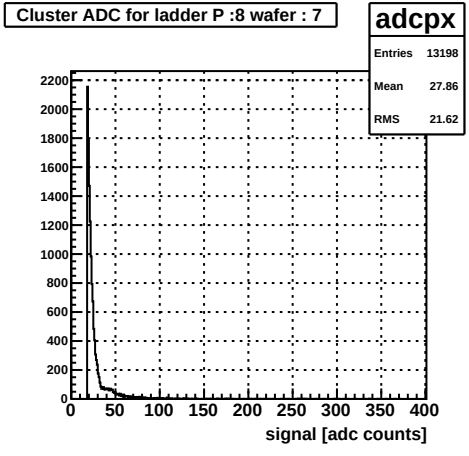

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 10820
Mean 90.21
RMS 58.87
signal [adc counts]

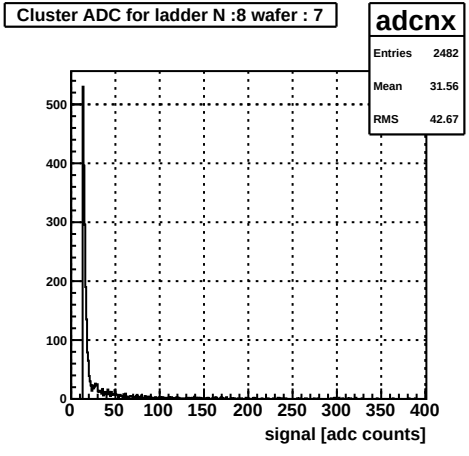

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6050
Mean 31.9
RMS 32.64
signal [adc counts]

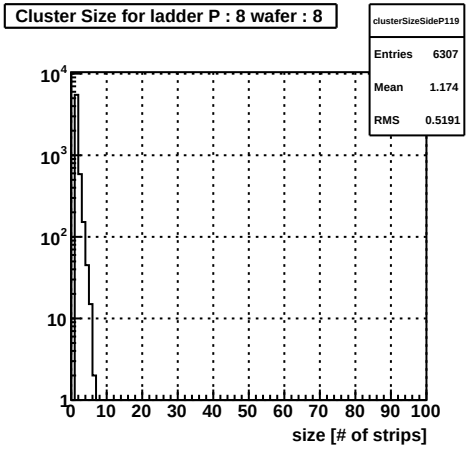

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13198
Mean 1.135
RMS 0.4472
size [# of strips]

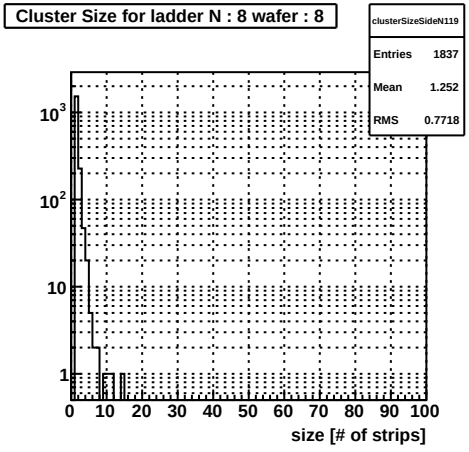

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2482
Mean 1.209
RMS 0.5511
size [# of strips]

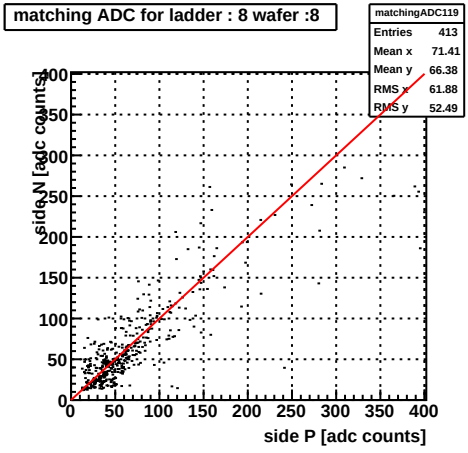

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 540
Mean x 71.35
Mean y 65.9
RMS x 65.47
RMS y 62.22
side N [adc counts]
side P [adc counts]

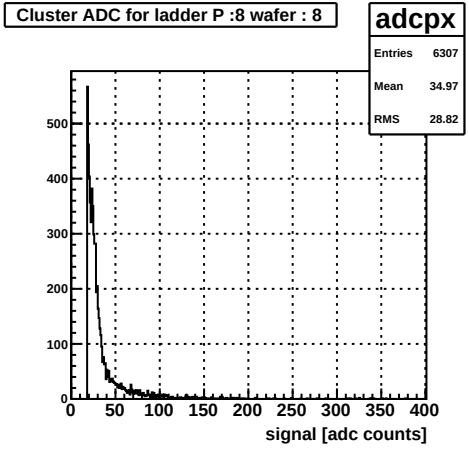

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13198
Mean 27.86
RMS 21.62
signal [adc counts]

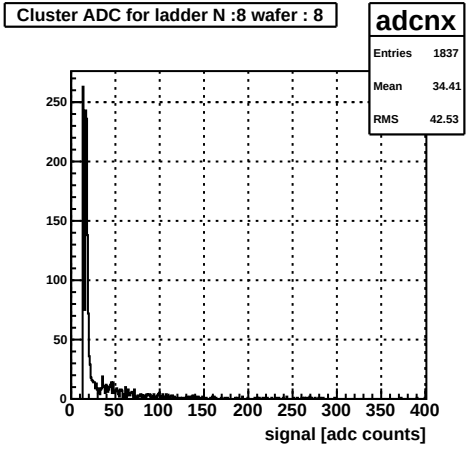

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2482
Mean 31.56
RMS 42.67
signal [adc counts]

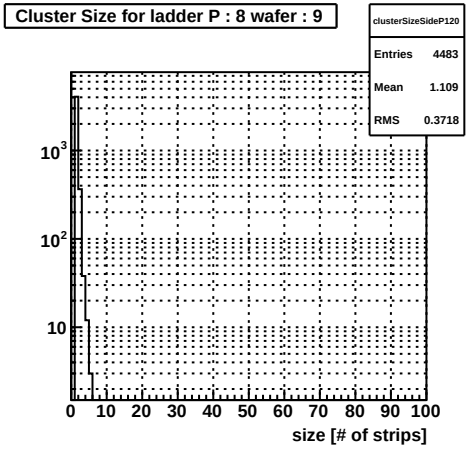

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6307
Mean 1.174
RMS 0.5191
size [# of strips]

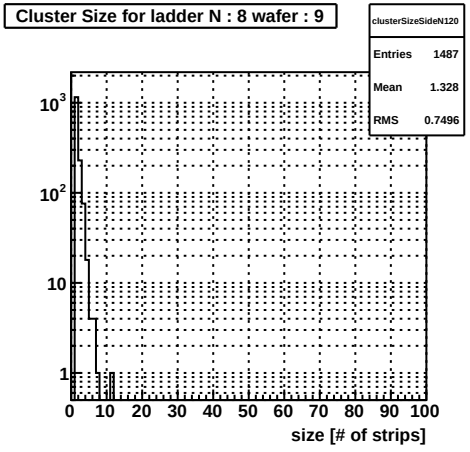

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1837
Mean 1.252
RMS 0.7718
size [# of strips]

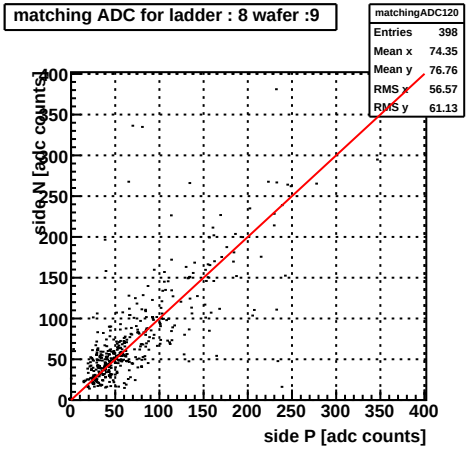

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 413
Mean x 71.41
Mean y 66.38
RMS x 61.88
RMS y 52.49
side N [adc counts]
side P [adc counts]

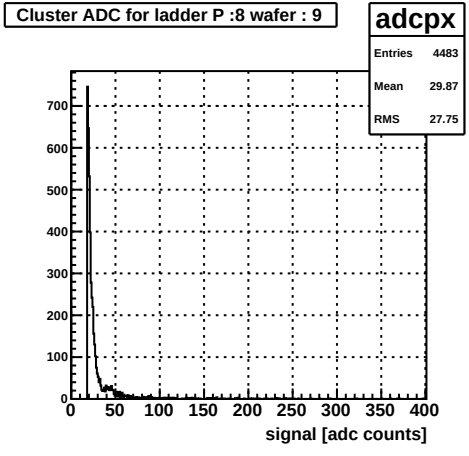

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6307
Mean 34.97
RMS 28.82
signal [adc counts]

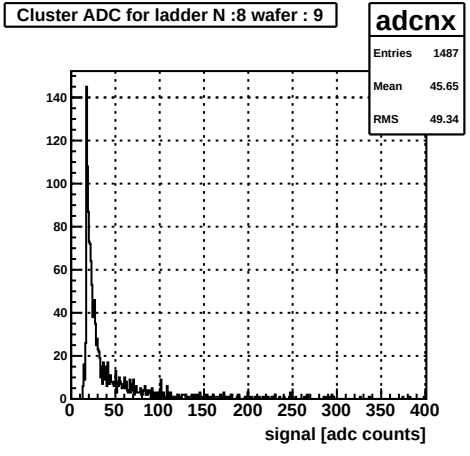

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1837
Mean 34.41
RMS 42.53
signal [adc counts]

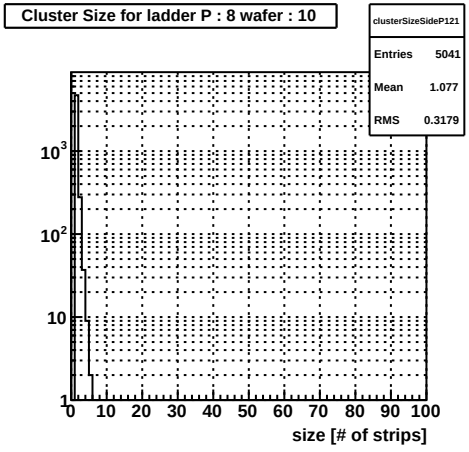

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 4483
Mean 1.109
RMS 0.3718
size [# of strips]

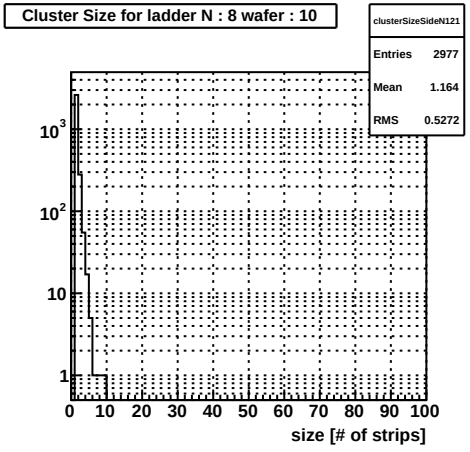

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1487
Mean 1.328
RMS 0.7496
size [# of strips]

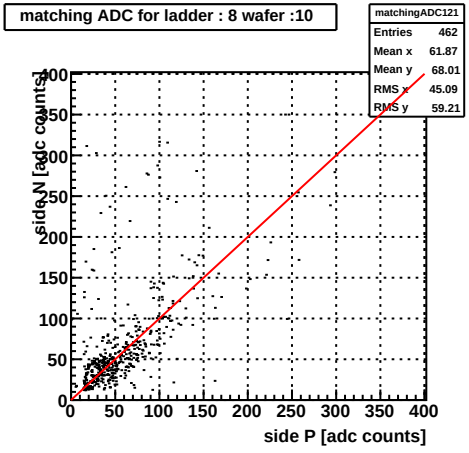

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 398
Mean x 74.35
Mean y 76.76
RMS x 56.57
RMS y 61.13
side N [adc counts]
side P [adc counts]

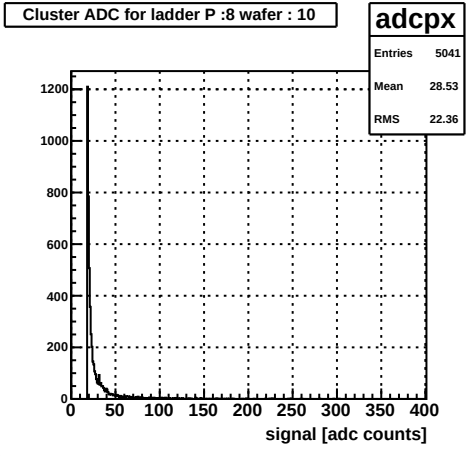

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 4483
Mean 29.87
RMS 27.75
signal [adc counts]

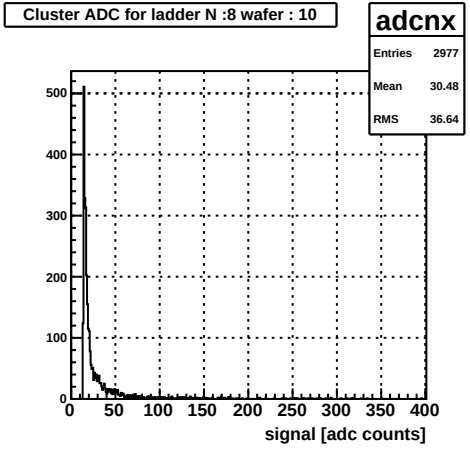

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1487
Mean 45.65
RMS 49.34
signal [adc counts]

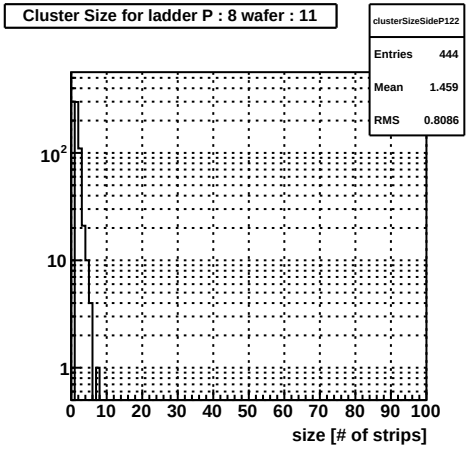

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 5041
Mean 1.077
RMS 0.3179
size [# of strips]

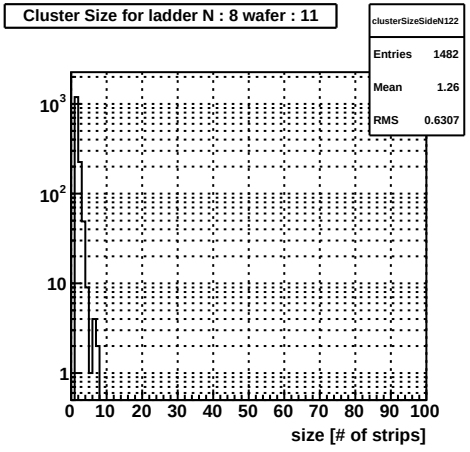

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2977
Mean 1.164
RMS 0.5272
size [# of strips]

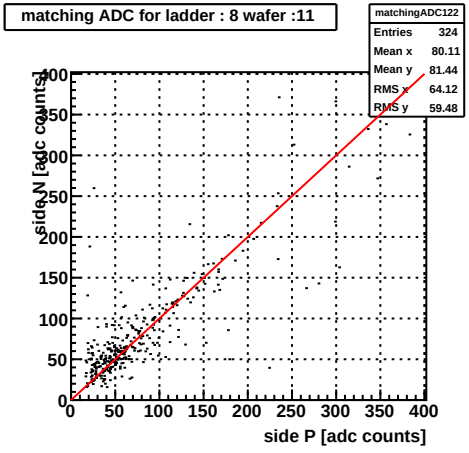

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 462
Mean x 61.87
Mean y 68.01
RMS x 45.09
RMS y 59.21
side N [adc counts]
side P [adc counts]

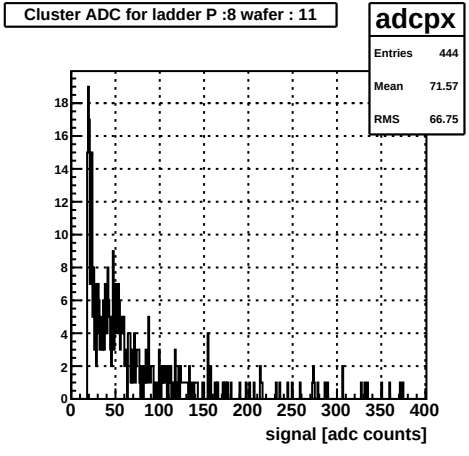

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 5041
Mean 28.53
RMS 22.36
signal [adc counts]

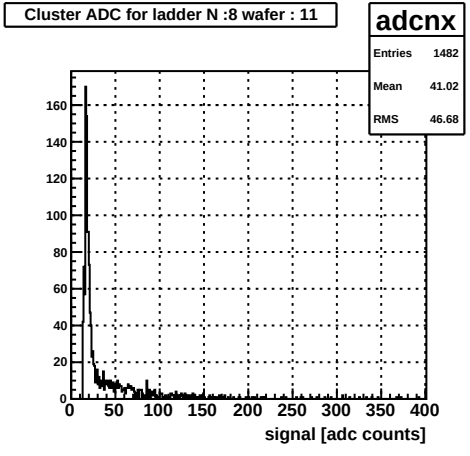

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2977
Mean 30.48
RMS 36.64
signal [adc counts]

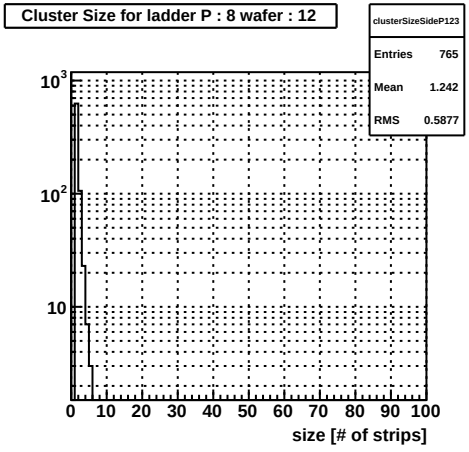

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 444
Mean 1.459
RMS 0.8086
size [# of strips]

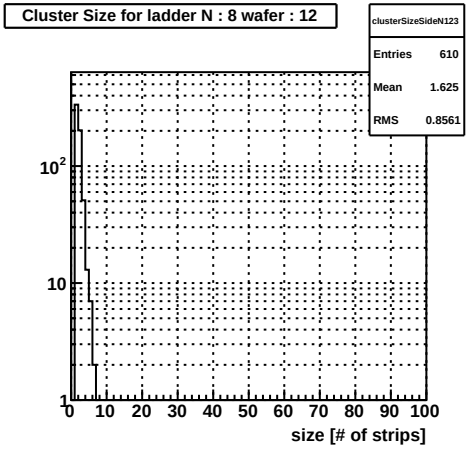

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1482
Mean 1.26
RMS 0.6307
size [# of strips]

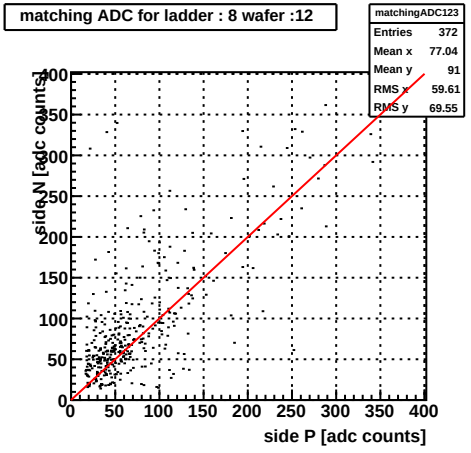

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 324
Mean x 80.11
Mean y 81.44
RMS x 64.12
RMS y 59.48
side N [adc counts]
side P [adc counts]

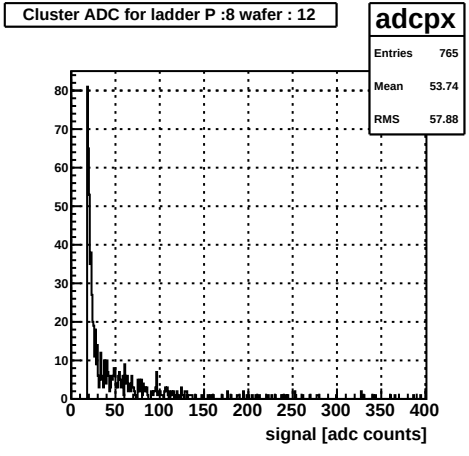

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 444
Mean 71.57
RMS 66.75
signal [adc counts]

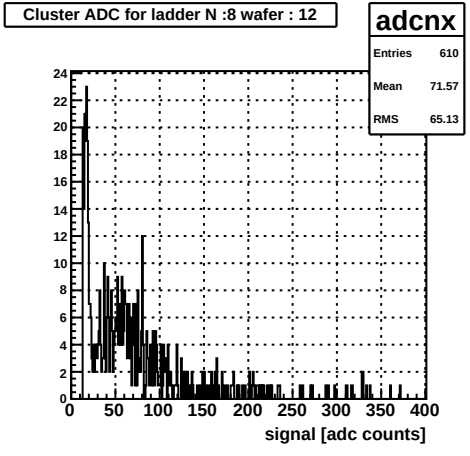

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1482
Mean 41.02
RMS 46.68
signal [adc counts]

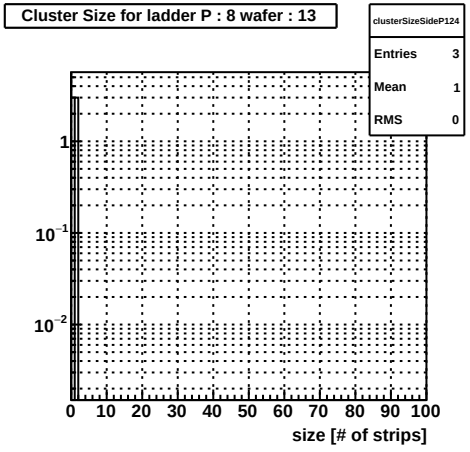

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 765
Mean 1.242
RMS 0.5877
size [# of strips]

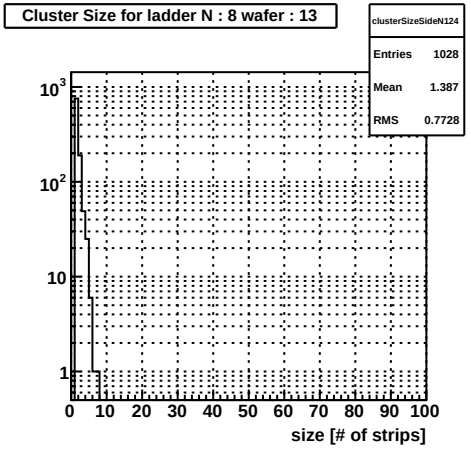

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 610
Mean 1.625
RMS 0.8561
size [# of strips]

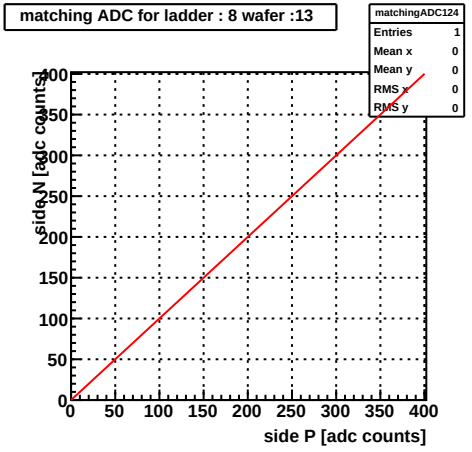

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 372
Mean x 77.04
Mean y 91
RMS x 59.61
RMS y 69.55
side N [adc counts]
side P [adc counts]

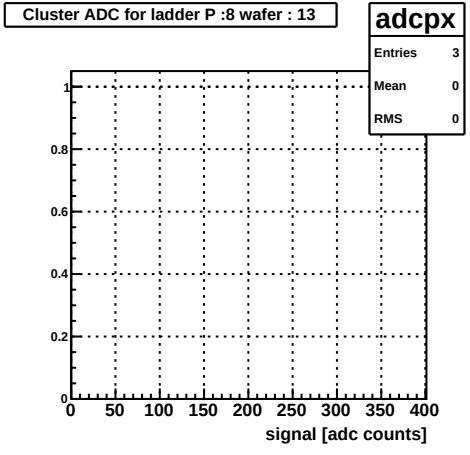

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 765
Mean 53.74
RMS 57.88
signal [adc counts]

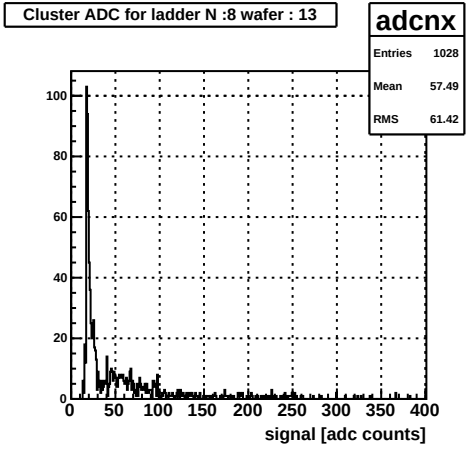

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 610
Mean 71.57
RMS 65.13
signal [adc counts]

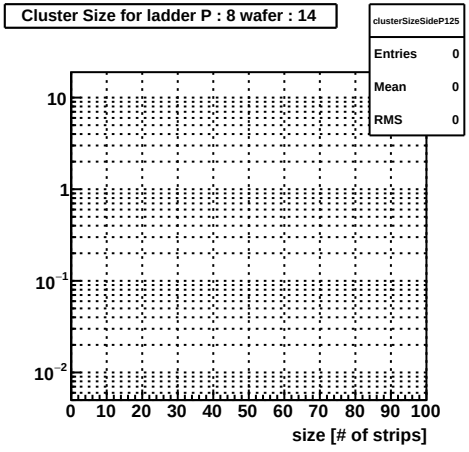

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 3
Mean 1
RMS 0
size [# of strips]

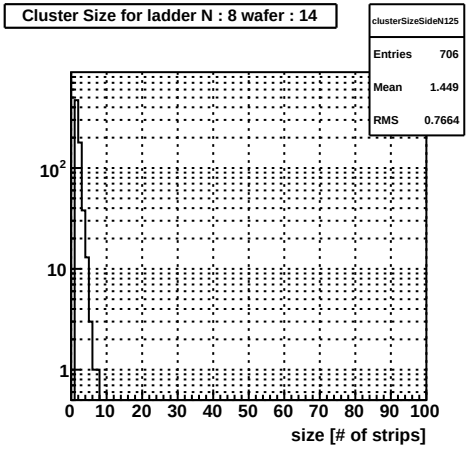

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1028
Mean 1.387
RMS 0.7728
size [# of strips]

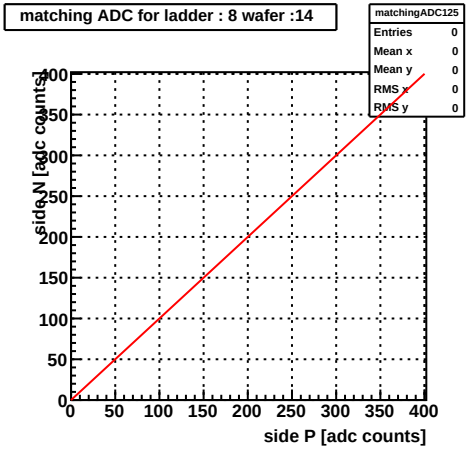

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

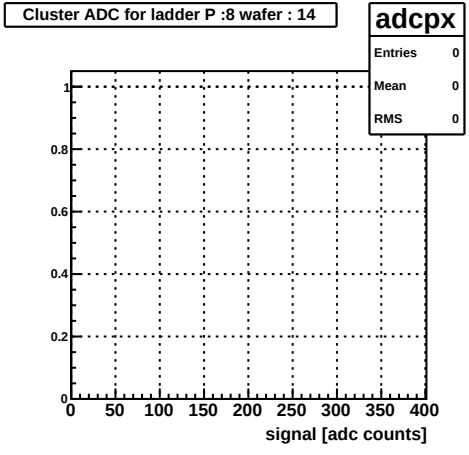

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

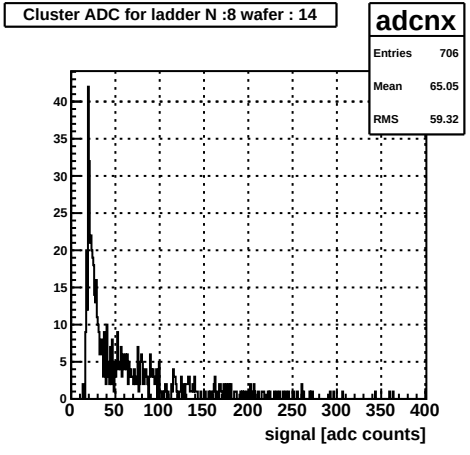

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1028
Mean 57.49
RMS 61.42
signal [adc counts]

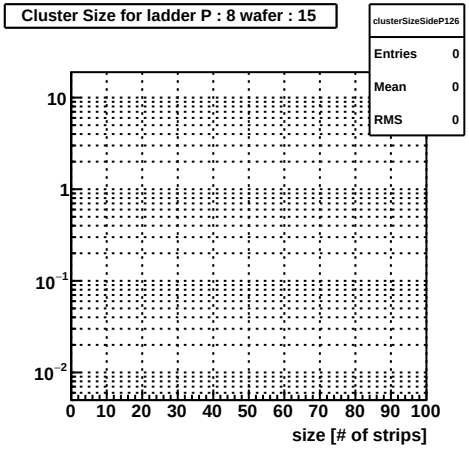

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

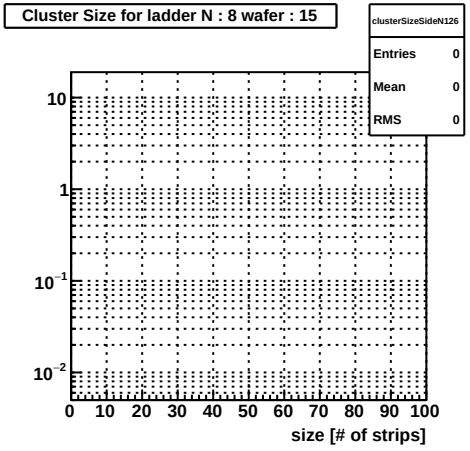

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 706
Mean 1.449
RMS 0.7664
size [# of strips]

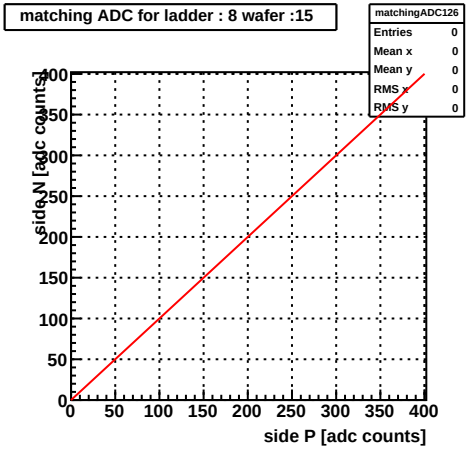

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

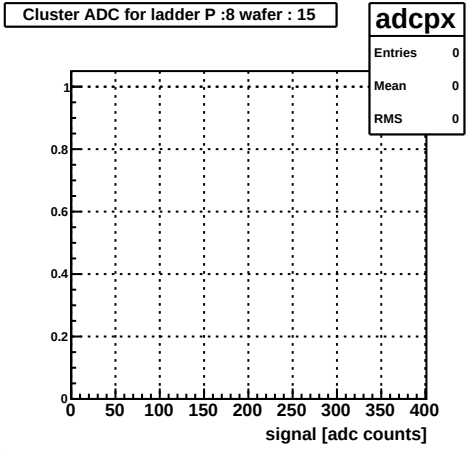

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

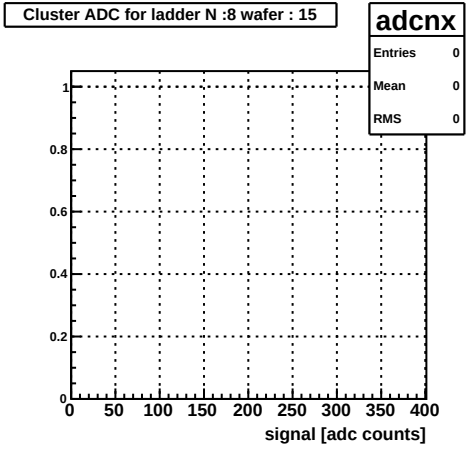

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 706
Mean 65.05
RMS 59.32
signal [adc counts]

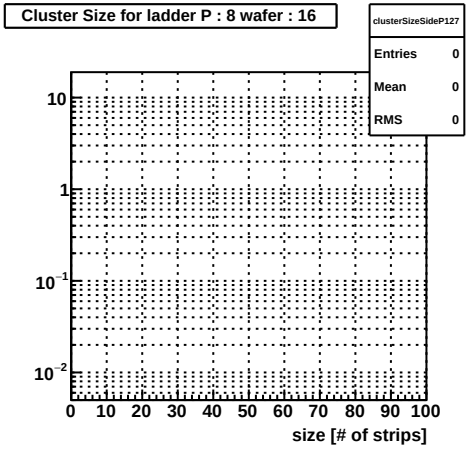

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

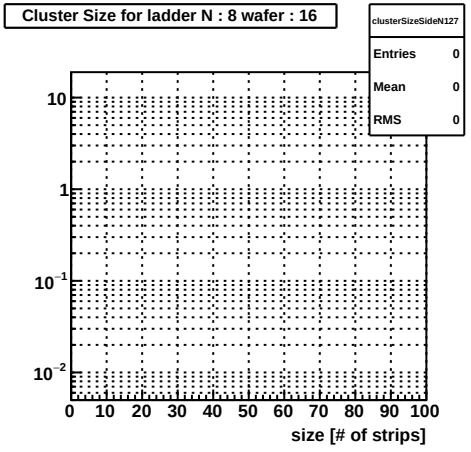

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

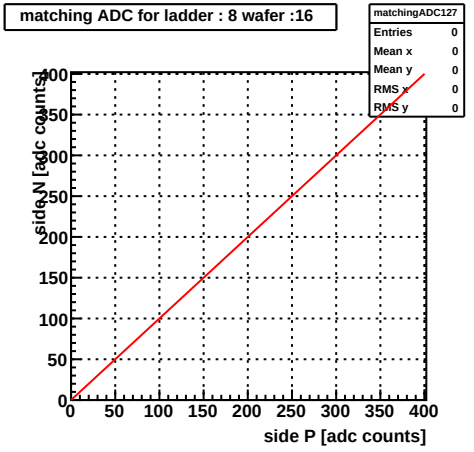

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

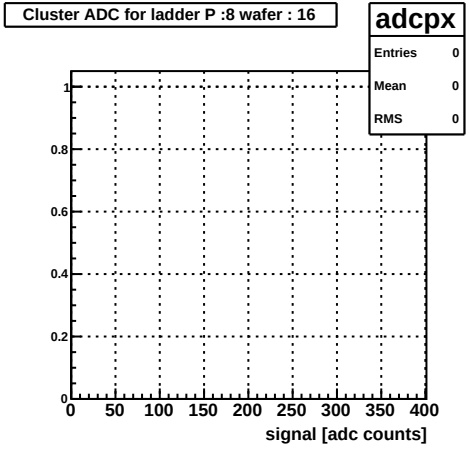

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

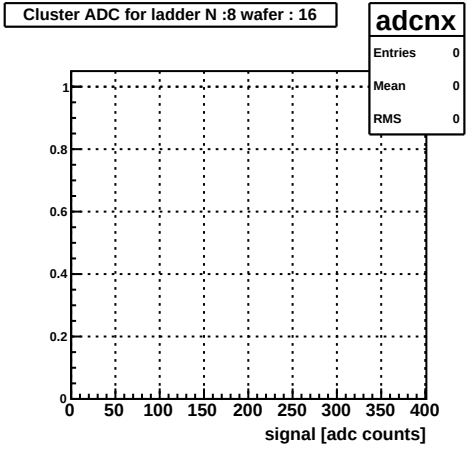

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

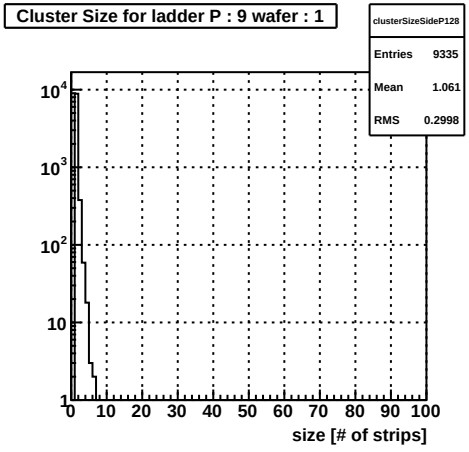

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

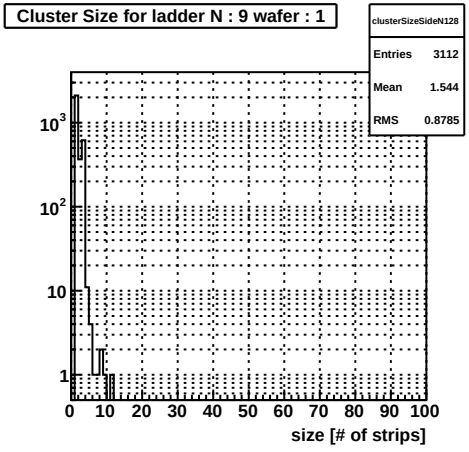

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

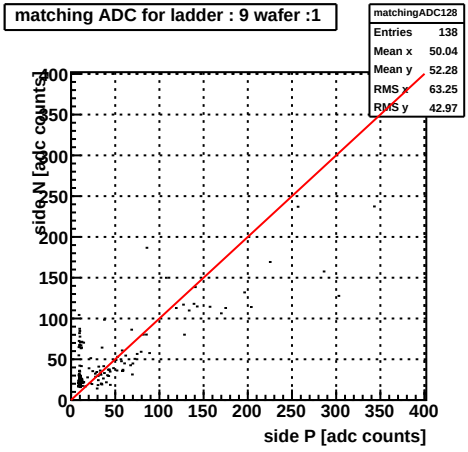

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

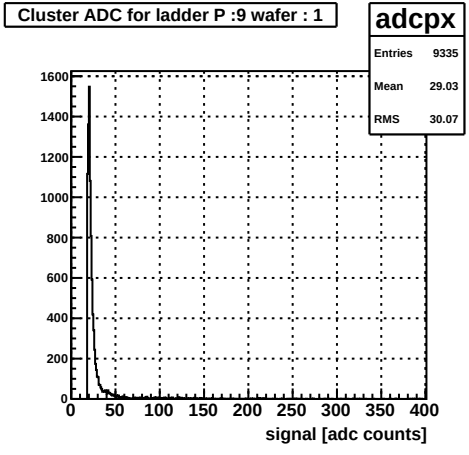

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

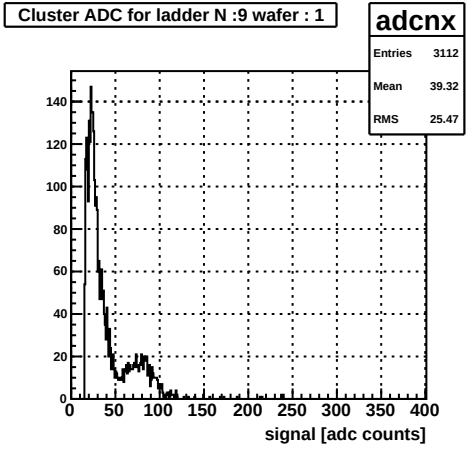

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

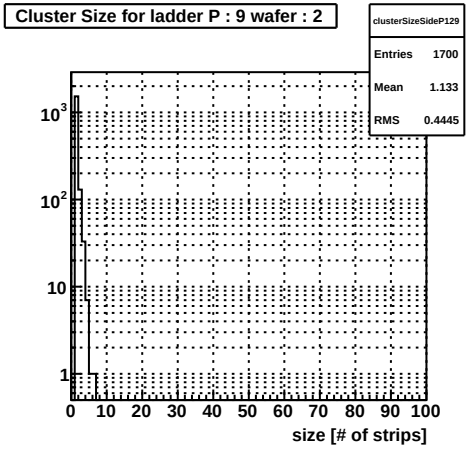

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9335
Mean 1.061
RMS 0.2998
size [# of strips]

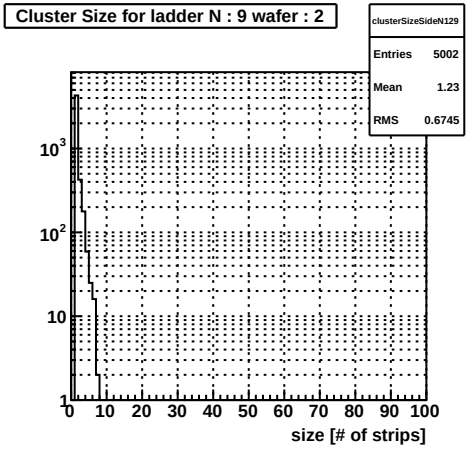

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3112
Mean 1.544
RMS 0.8785
size [# of strips]

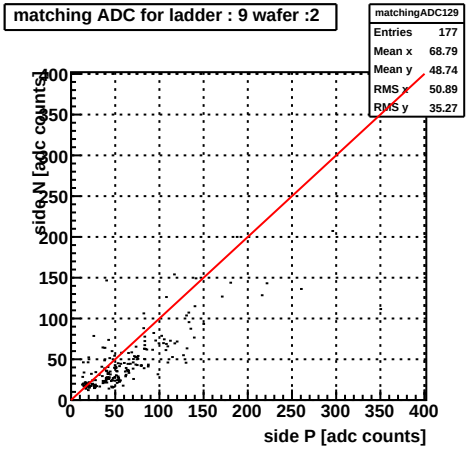

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 138
Mean x 50.04
Mean y 52.28
RMS x 63.25
RMS y 42.97
side N [adc counts]
side P [adc counts]

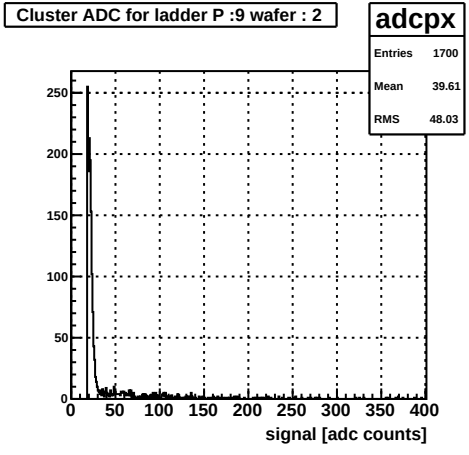

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9335
Mean 29.03
RMS 30.07
signal [adc counts]

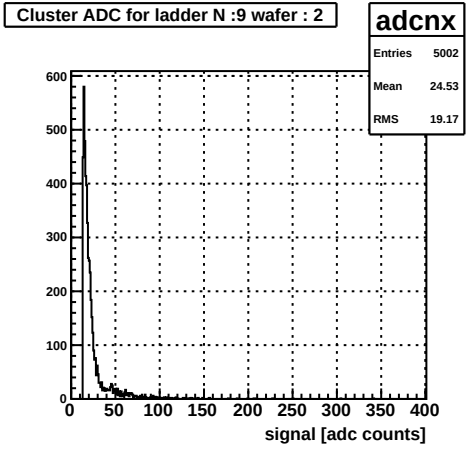

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3112
Mean 39.32
RMS 25.47
signal [adc counts]

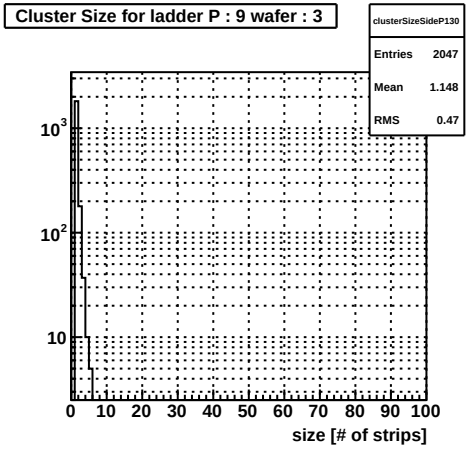

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1700
Mean 1.133
RMS 0.4445
size [# of strips]

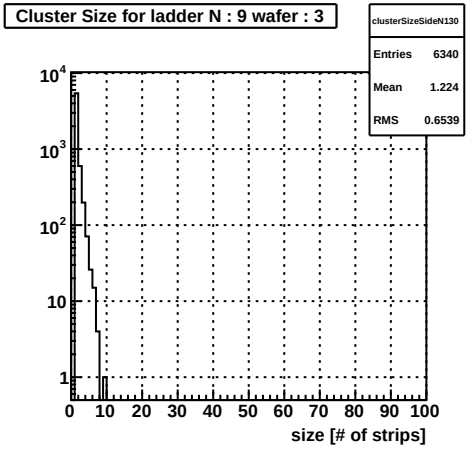

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5002
Mean 1.23
RMS 0.6745
size [# of strips]

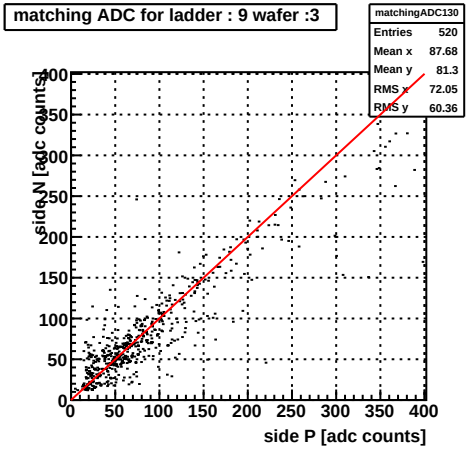

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 177
Mean x 68.79
Mean y 48.74
RMS x 50.89
RMS y 35.27
side N [adc counts]
side P [adc counts]

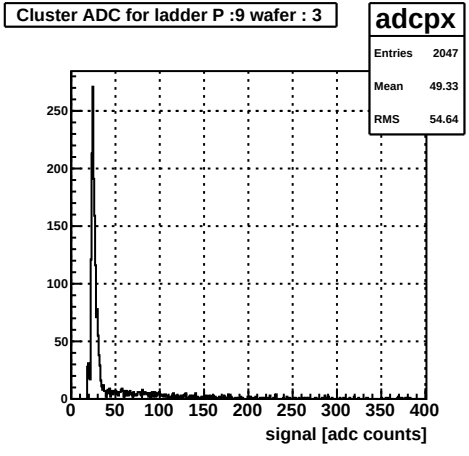

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1700
Mean 39.61
RMS 48.03
signal [adc counts]

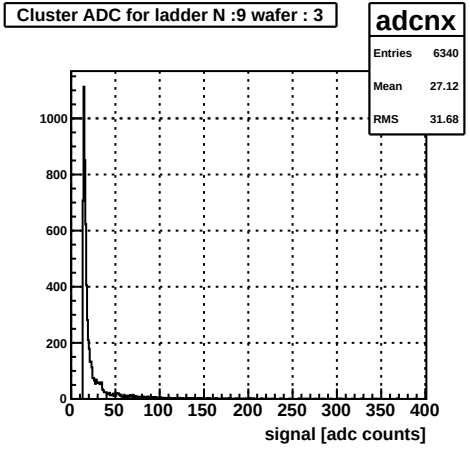

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5002
Mean 24.53
RMS 19.17
signal [adc counts]

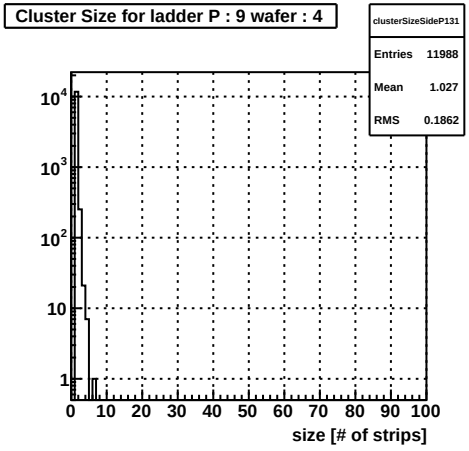

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2047
Mean 1.148
RMS 0.47
size [# of strips]

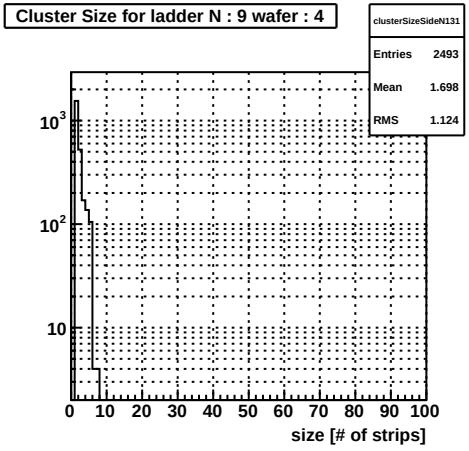

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 6340
Mean 1.224
RMS 0.6539
size [# of strips]

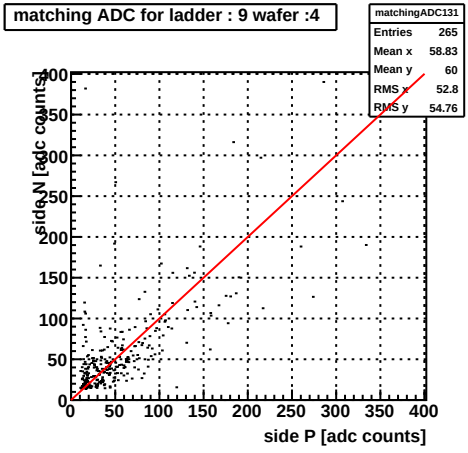

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 520
Mean x 87.68
Mean y 81.3
RMS x 72.05
RMS y 60.36
side N [adc counts]
side P [adc counts]

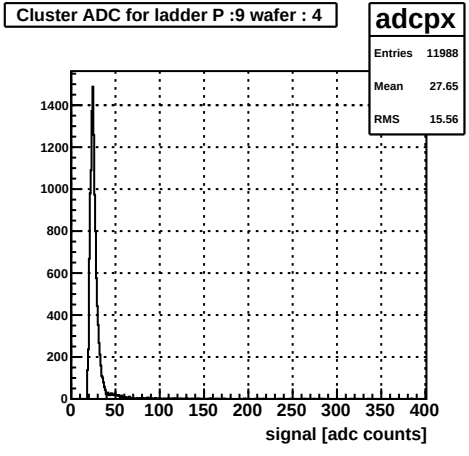

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2047
Mean 49.33
RMS 54.64
signal [adc counts]

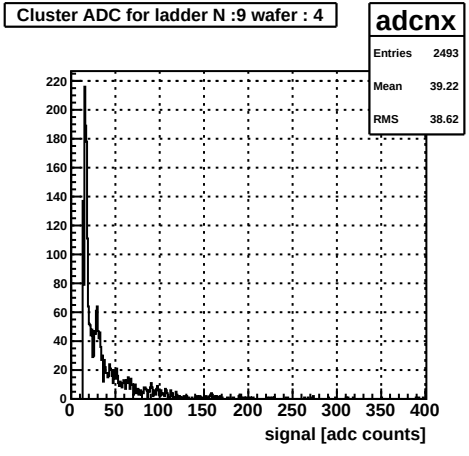

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 6340
Mean 27.12
RMS 31.68
signal [adc counts]

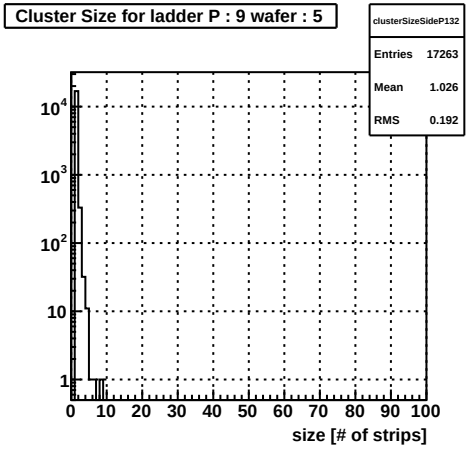

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11988
Mean 1.027
RMS 0.1862
size [# of strips]

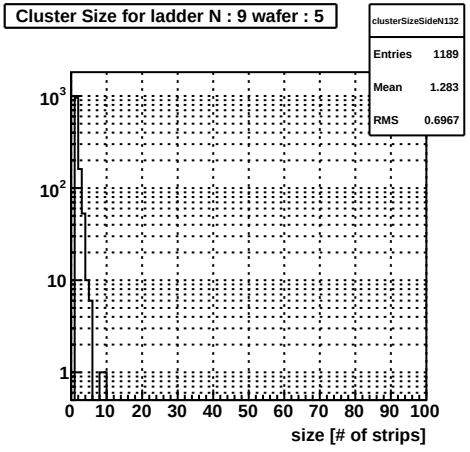

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2493
Mean 1.698
RMS 1.124
size [# of strips]

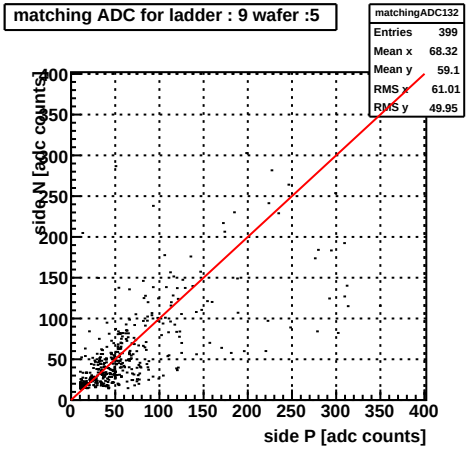

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 265
Mean x 58.83
Mean y 60
RMS x 52.8
RMS y 54.76
side N [adc counts]
side P [adc counts]

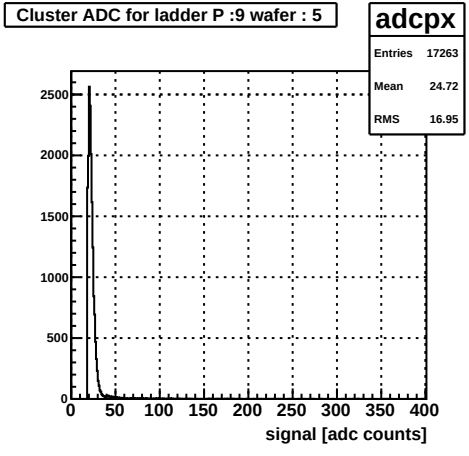

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11988
Mean 27.65
RMS 15.56
signal [adc counts]

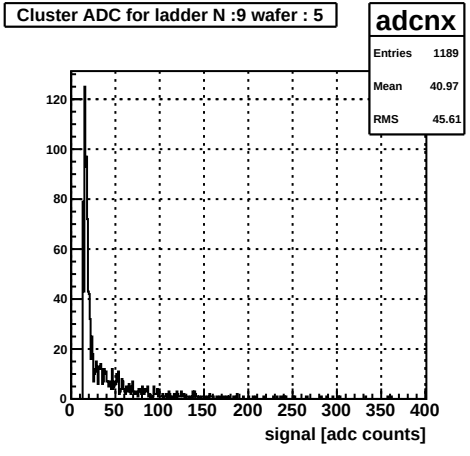

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2493
Mean 39.22
RMS 38.62
signal [adc counts]

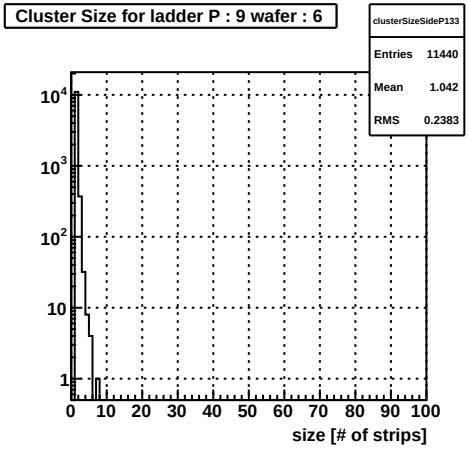

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 17263
Mean 1.026
RMS 0.192
size [# of strips]

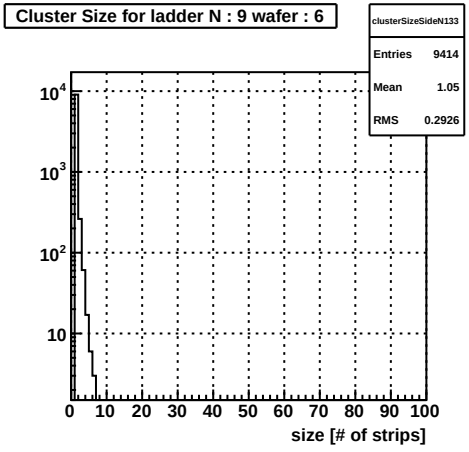

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1189
Mean 1.283
RMS 0.6967
size [# of strips]

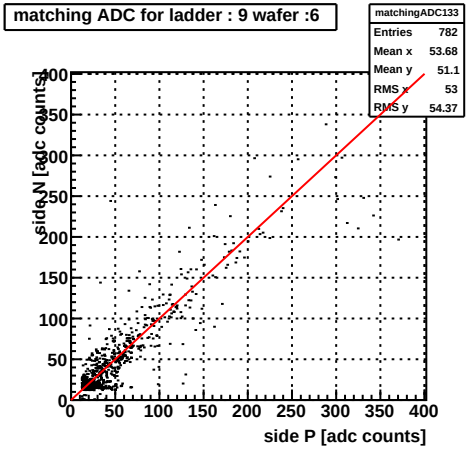

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 399
Mean x 68.32
Mean y 59.1
RMS x 61.01
RMS y 49.95
side N [adc counts]
side P [adc counts]

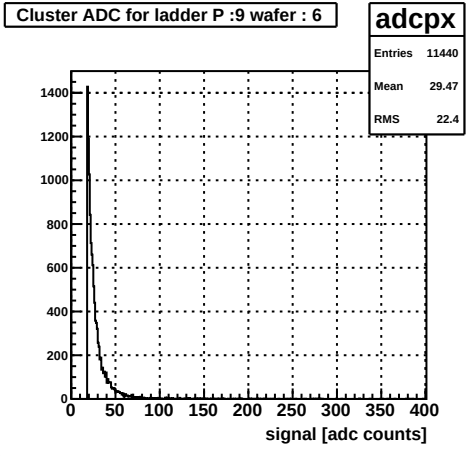

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 17263
Mean 24.72
RMS 16.95
signal [adc counts]

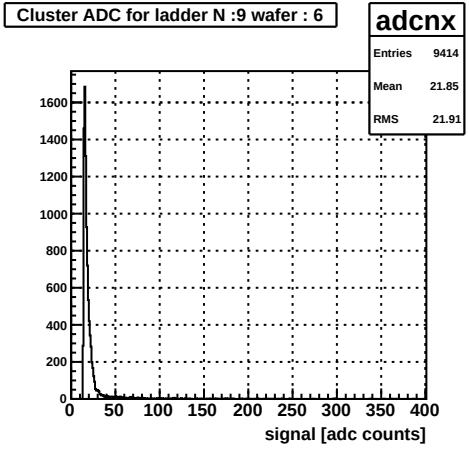

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1189
Mean 40.97
RMS 45.61
signal [adc counts]

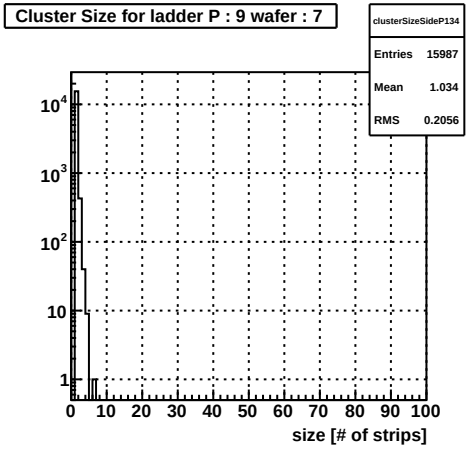

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 11440
Mean 1.042
RMS 0.2383
size [# of strips]

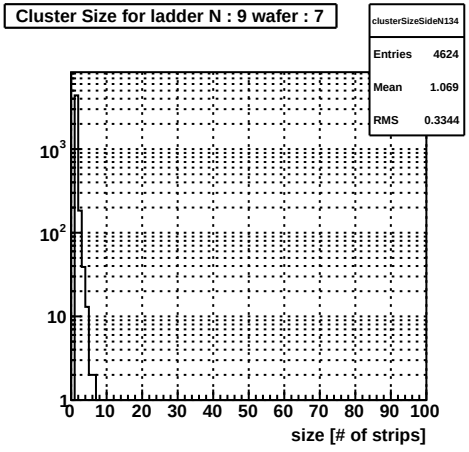

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 9414
Mean 1.05
RMS 0.2926
size [# of strips]

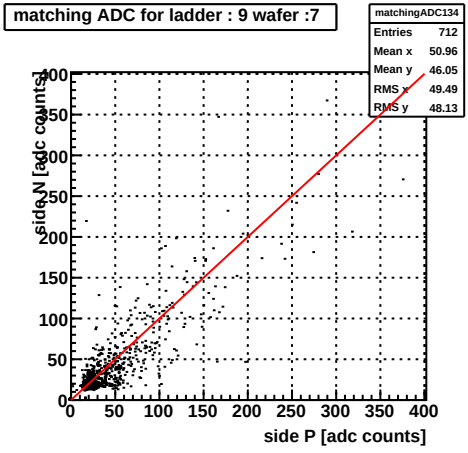

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 782
Mean x 53.68
Mean y 51.1
RMS x 53
RMS y 54.37
side N [adc counts]
side P [adc counts]

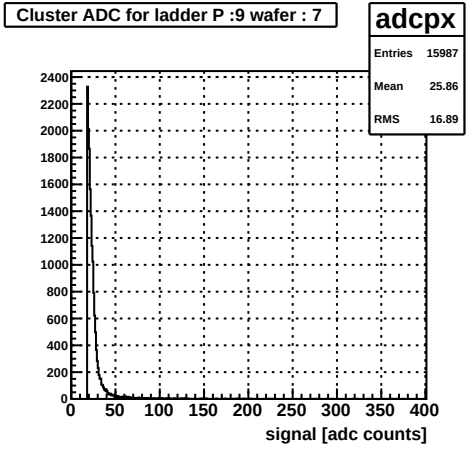

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 11440
Mean 29.47
RMS 22.4
signal [adc counts]

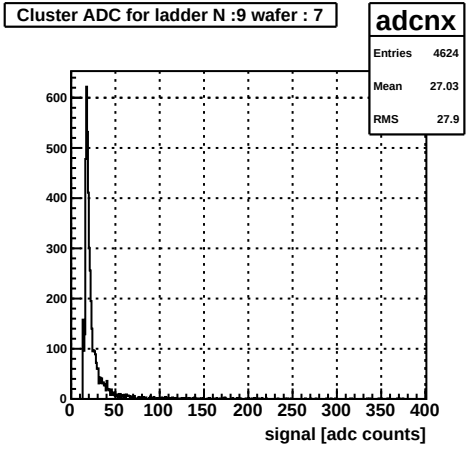

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 9414
Mean 21.85
RMS 21.91
signal [adc counts]

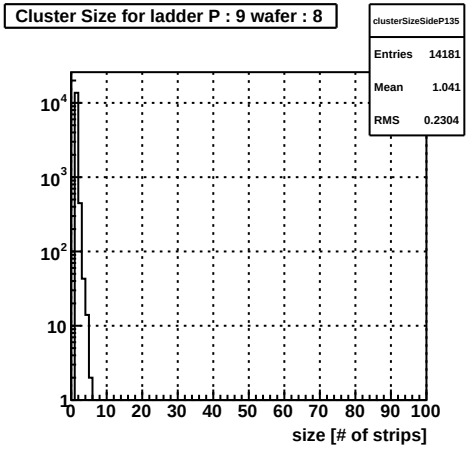

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 15987
Mean 1.034
RMS 0.2056
size [# of strips]

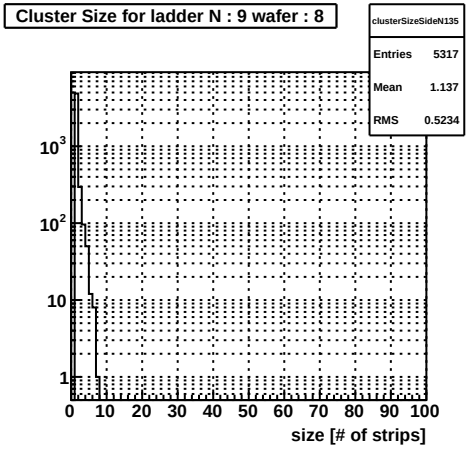

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4624
Mean 1.069
RMS 0.3344
size [# of strips]

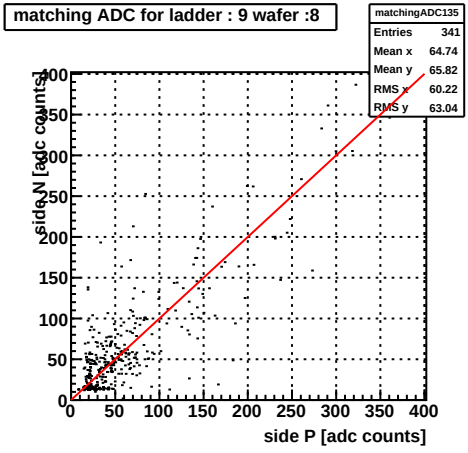

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 712
Mean x 50.96
Mean y 46.05
RMS x 49.49
RMS y 48.13
side N [adc counts]
side P [adc counts]

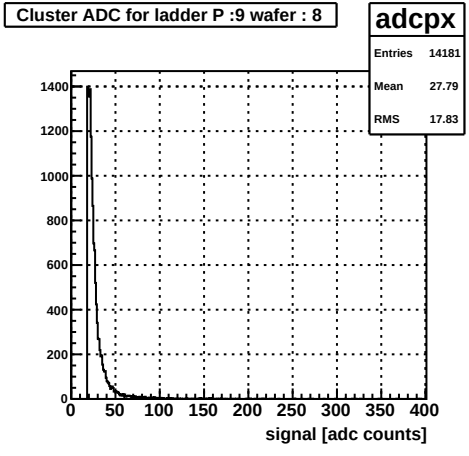

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 15987
Mean 25.86
RMS 16.89
signal [adc counts]

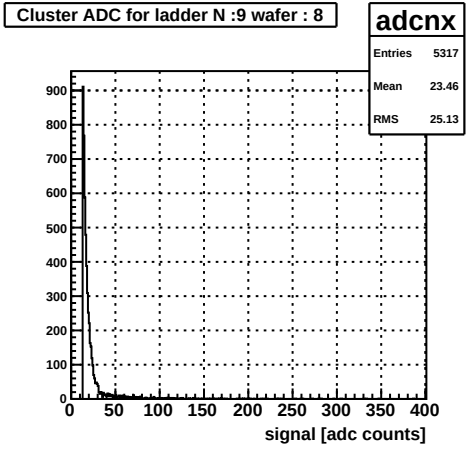

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4624
Mean 27.03
RMS 27.9
signal [adc counts]

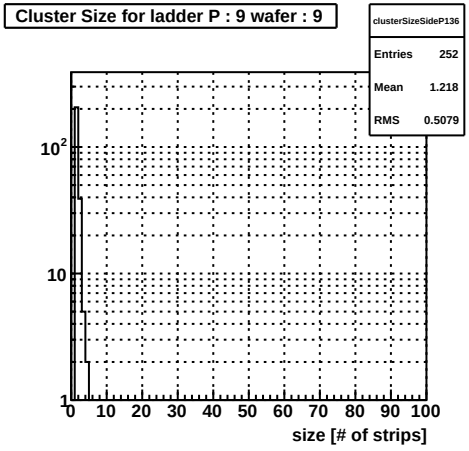

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14181
Mean 1.041
RMS 0.2304
size [# of strips]

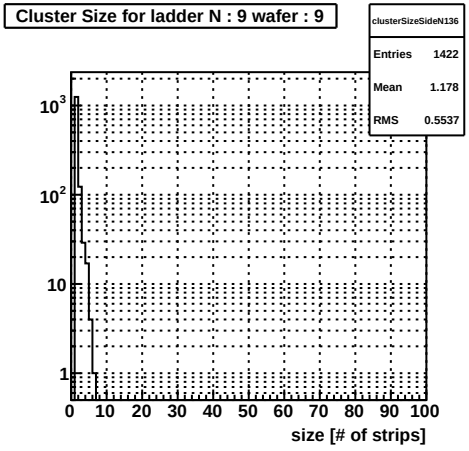

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 5317
Mean 1.137
RMS 0.5234
size [# of strips]

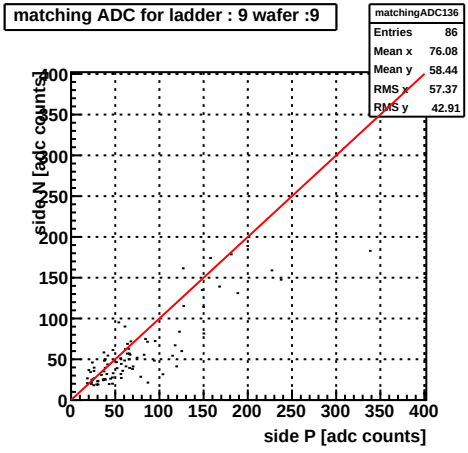

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 341
Mean x 64.74
Mean y 65.82
RMS x 60.22
RMS y 63.04
side N [adc counts]
side P [adc counts]

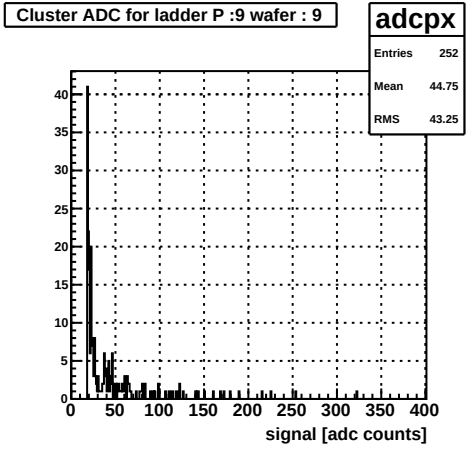

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14181
Mean 27.79
RMS 17.83
signal [adc counts]

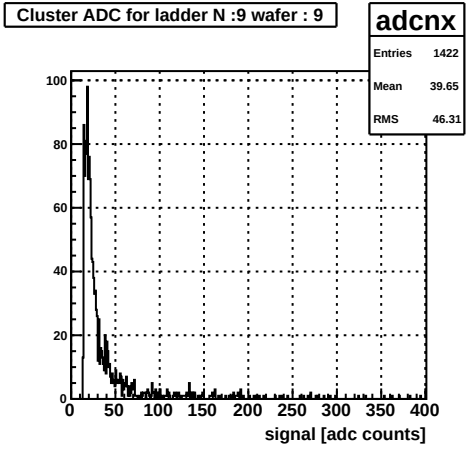

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 5317
Mean 23.46
RMS 25.13
signal [adc counts]

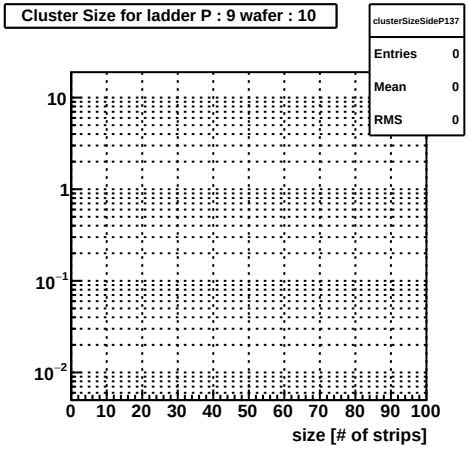

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 252
Mean 1.218
RMS 0.5079
size [# of strips]

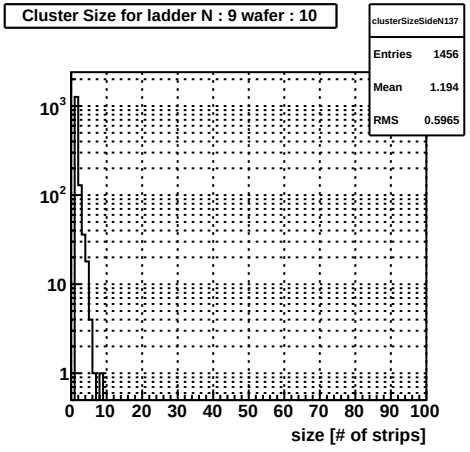

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1422
Mean 1.178
RMS 0.5537
size [# of strips]

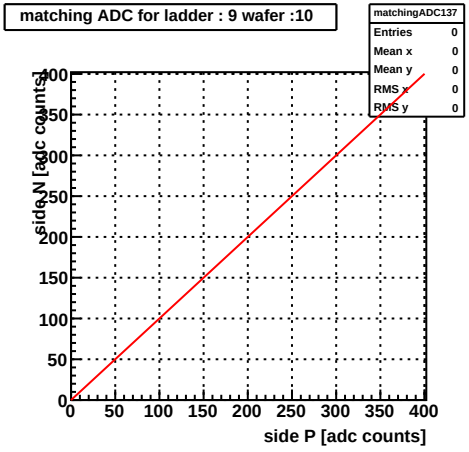

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 86
Mean x 76.08
Mean y 58.44
RMS x 57.37
RMS y 42.91
side N [adc counts]
side P [adc counts]

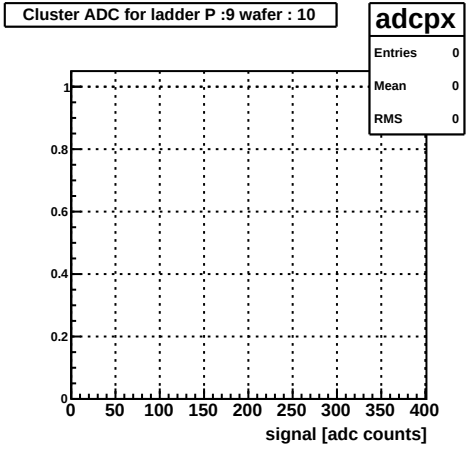

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 252
Mean 44.75
RMS 43.25
signal [adc counts]

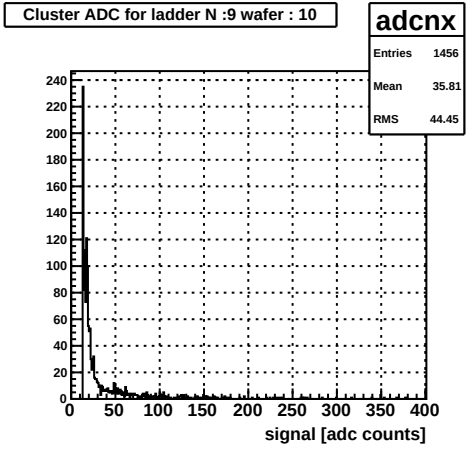

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1422
Mean 39.65
RMS 46.31
signal [adc counts]

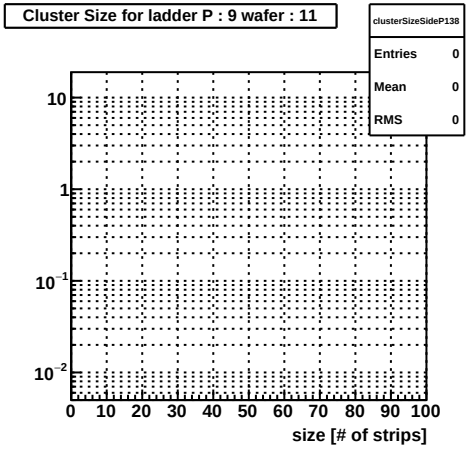

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

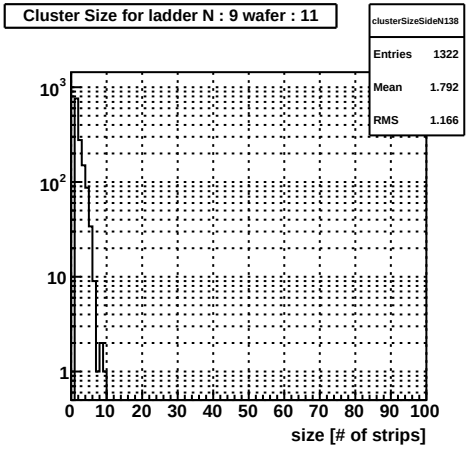

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1456
Mean 1.194
RMS 0.5965
size [# of strips]

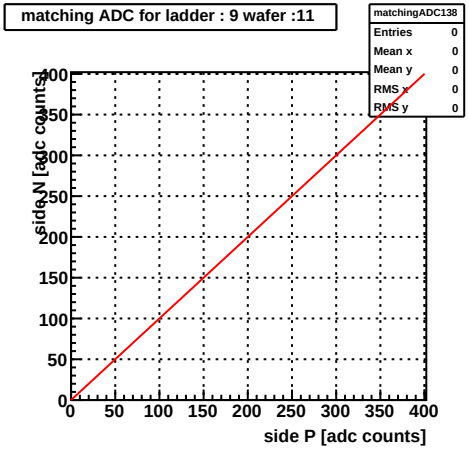

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

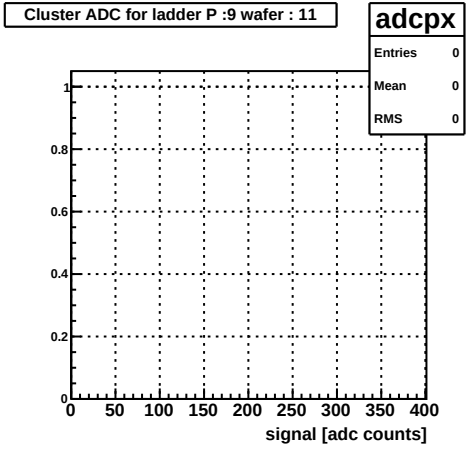

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

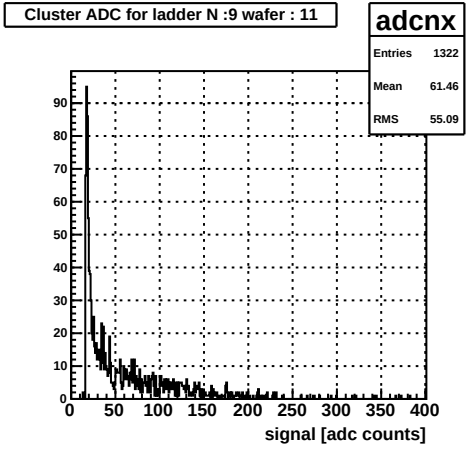

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1456
Mean 35.81
RMS 44.45
signal [adc counts]

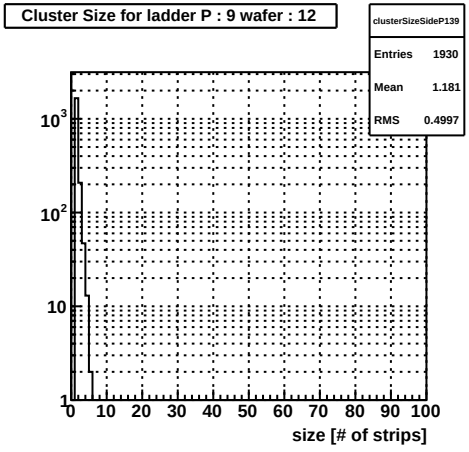

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

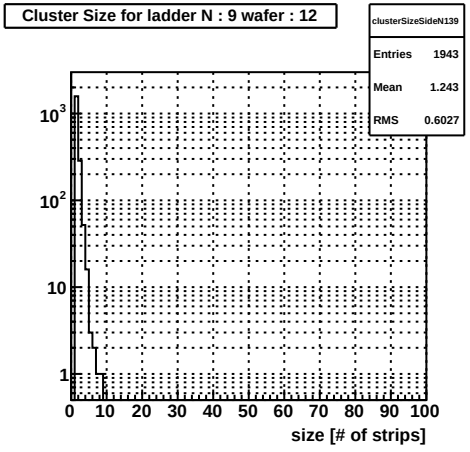

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1322
Mean 1.792
RMS 1.166
size [# of strips]

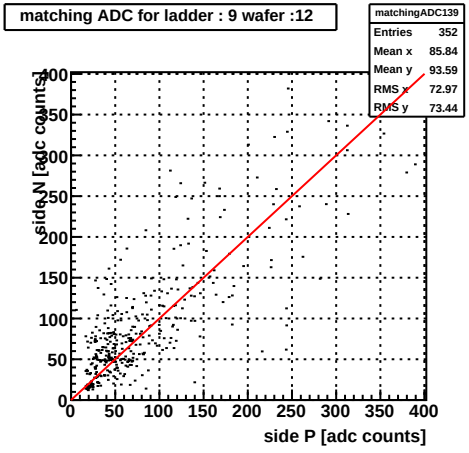

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

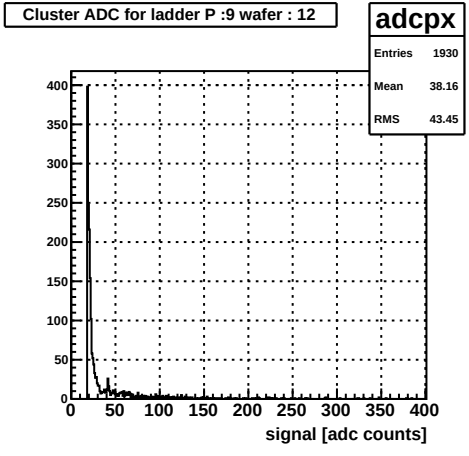

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

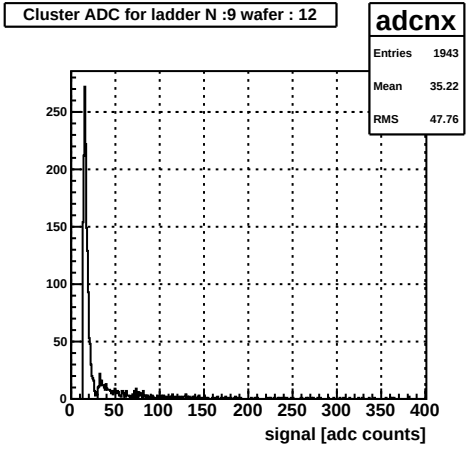

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1322
Mean 61.46
RMS 55.09
signal [adc counts]

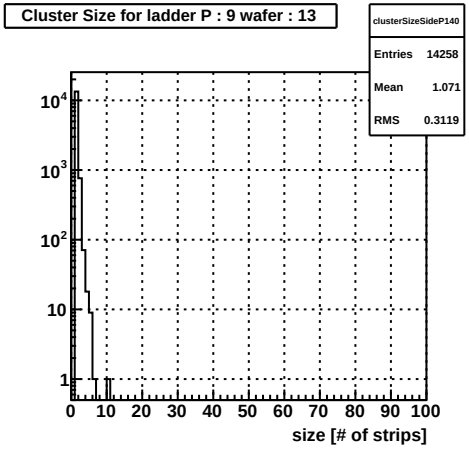

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1930
Mean 1.181
RMS 0.4997
size [# of strips]

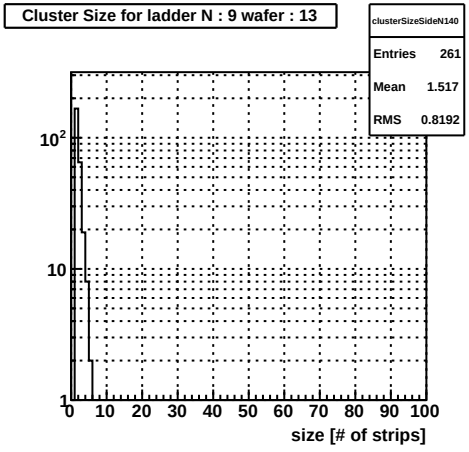

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1943
Mean 1.243
RMS 0.6027
size [# of strips]

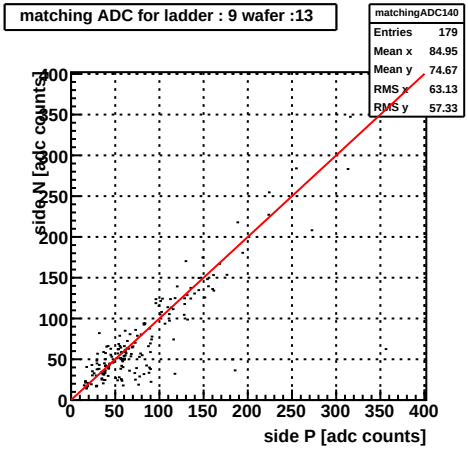

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 352
Mean x 85.84
Mean y 93.59
RMS x 72.97
RMS y 73.44
side N [adc counts]
side P [adc counts]

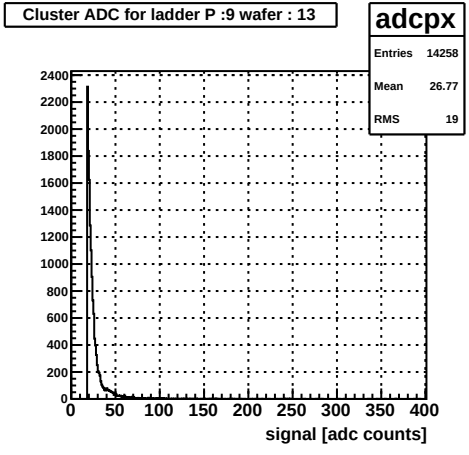

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1930
Mean 38.16
RMS 43.45
signal [adc counts]

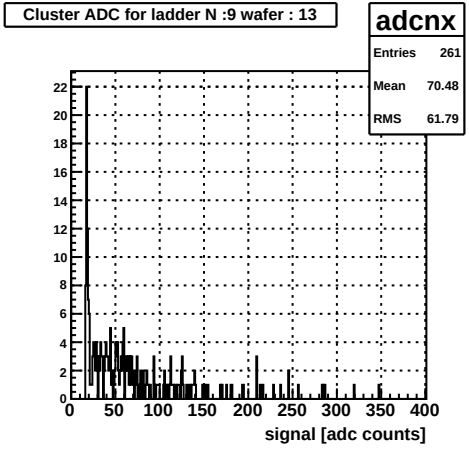

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1943
Mean 35.22
RMS 47.76
signal [adc counts]

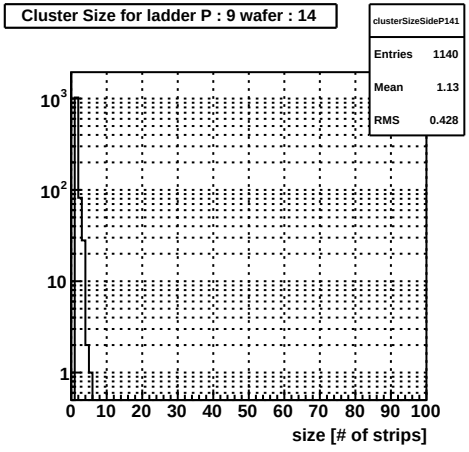

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14258
Mean 1.071
RMS 0.3119
size [# of strips]

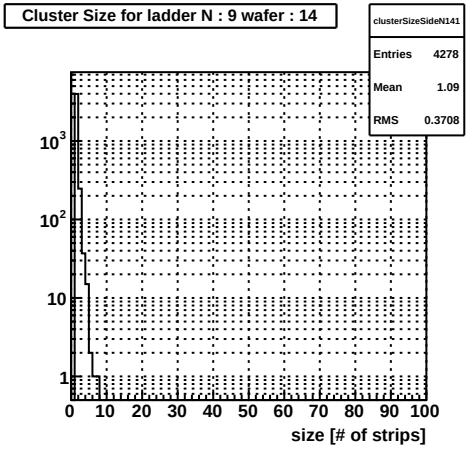

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 261
Mean 1.517
RMS 0.8192
size [# of strips]

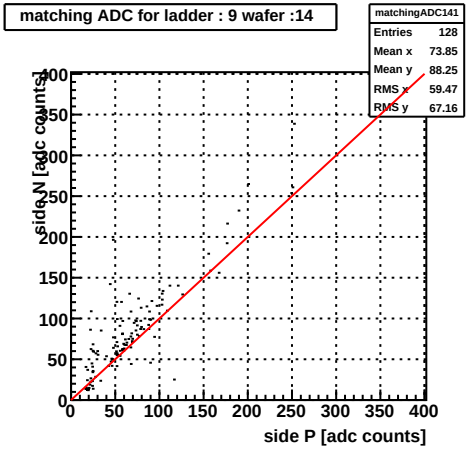

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 179
Mean x 84.95
Mean y 74.67
RMS x 63.13
RMS y 57.33
side N [adc counts]
side P [adc counts]

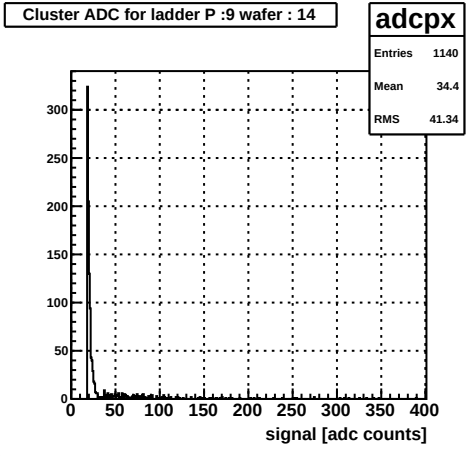

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14258
Mean 26.77
RMS 19
signal [adc counts]

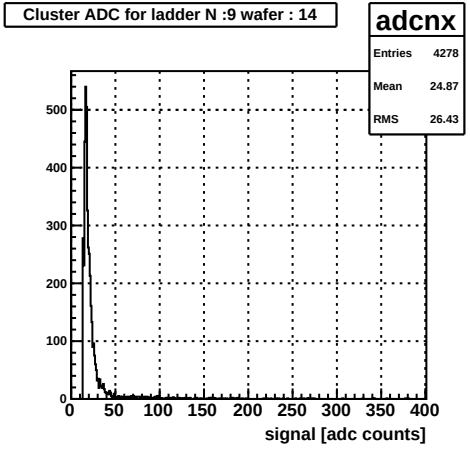

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 261
Mean 70.48
RMS 61.79
signal [adc counts]

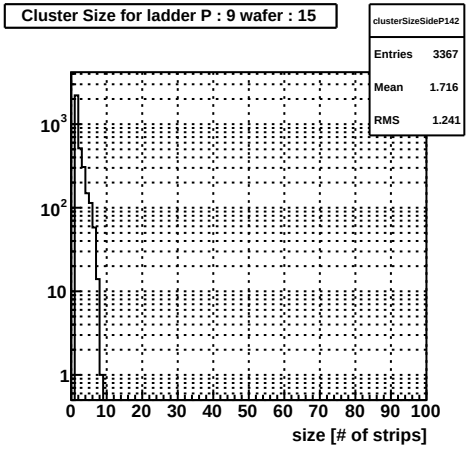

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1140
Mean 1.13
RMS 0.428
size [# of strips]

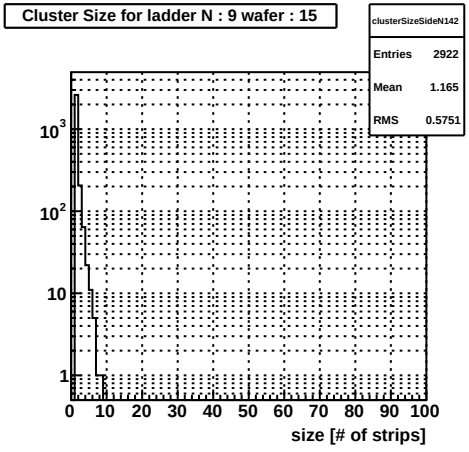

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4278
Mean 1.09
RMS 0.3708
size [# of strips]

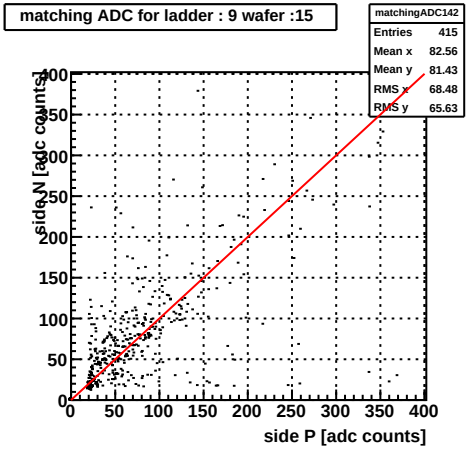

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 128
Mean x 73.85
Mean y 88.25
RMS x 59.47
RMS y 67.16
side N [adc counts]
side P [adc counts]

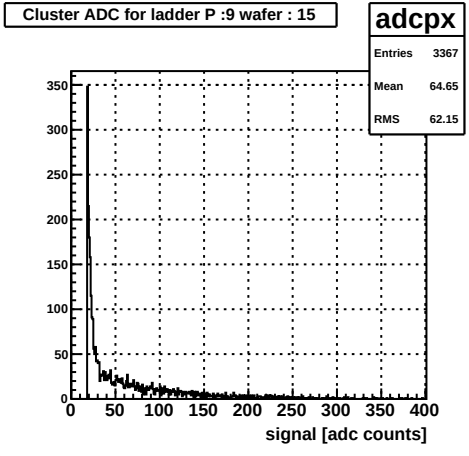

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1140
Mean 34.4
RMS 41.34
signal [adc counts]

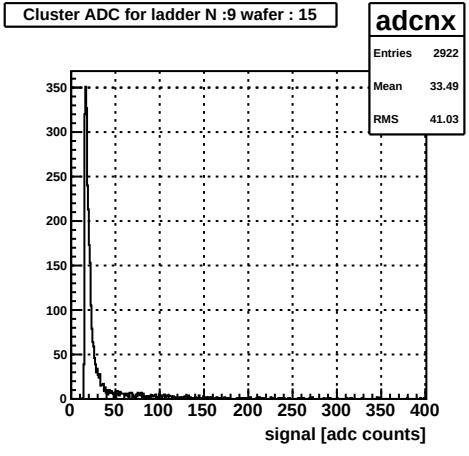

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4278
Mean 24.87
RMS 26.43
signal [adc counts]

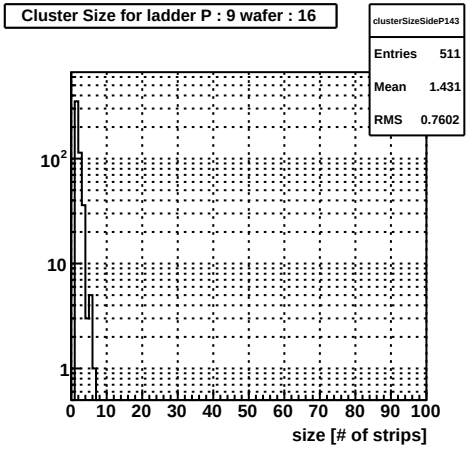

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3367
Mean 1.716
RMS 1.241
size [# of strips]

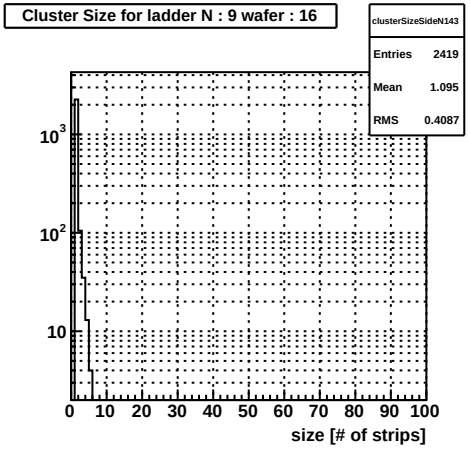

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2922
Mean 1.165
RMS 0.5751
size [# of strips]

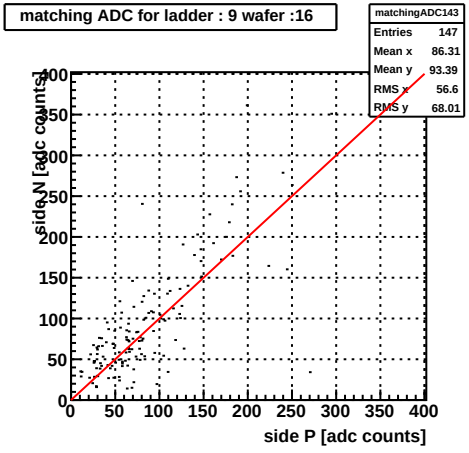

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 415
Mean x 82.56
Mean y 81.43
RMS x 68.48
RMS y 65.63
side N [adc counts]
side P [adc counts]

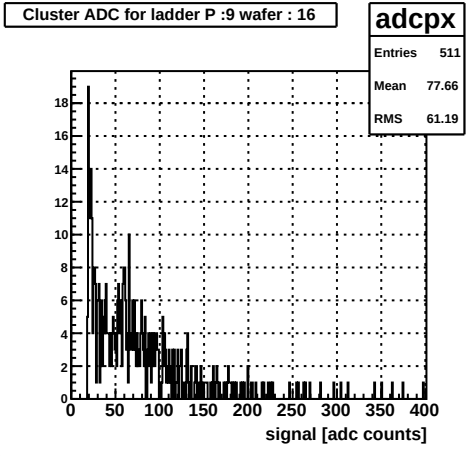

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3367
Mean 64.65
RMS 62.15
signal [adc counts]

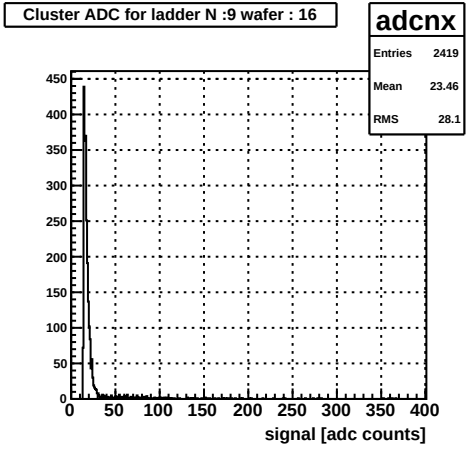

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2922
Mean 33.49
RMS 41.03
signal [adc counts]

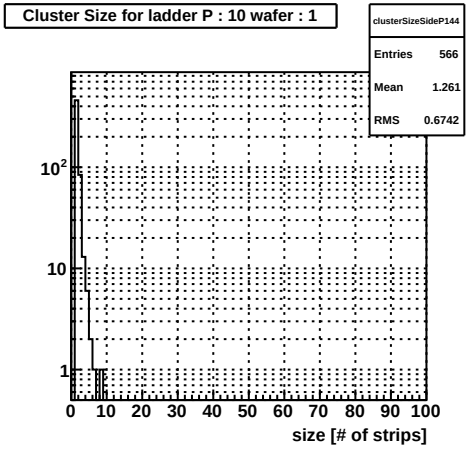

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 511
Mean 1.431
RMS 0.7602
size [# of strips]

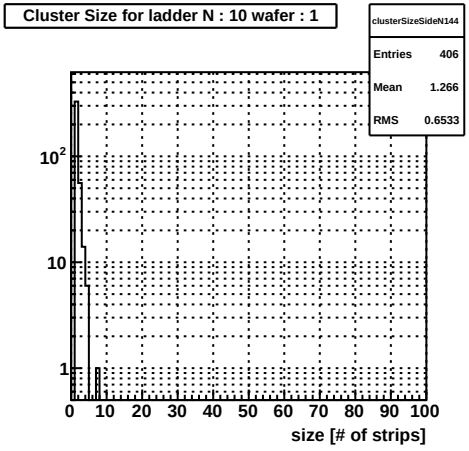

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2419
Mean 1.095
RMS 0.4087
size [# of strips]

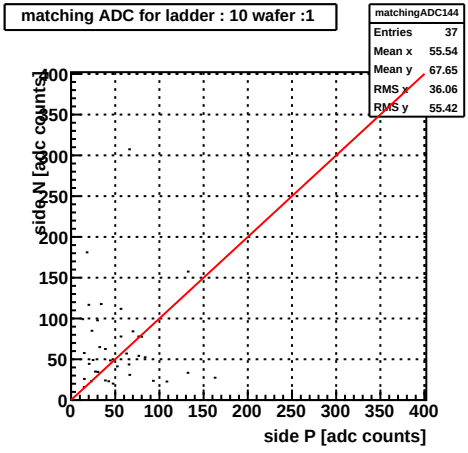

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 147
Mean x 86.31
Mean y 93.39
RMS x 56.6
RMS y 68.01
side N [adc counts]
side P [adc counts]

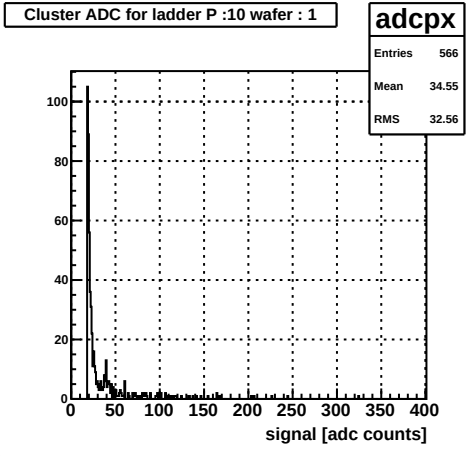

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 511
Mean 77.66
RMS 61.19
signal [adc counts]

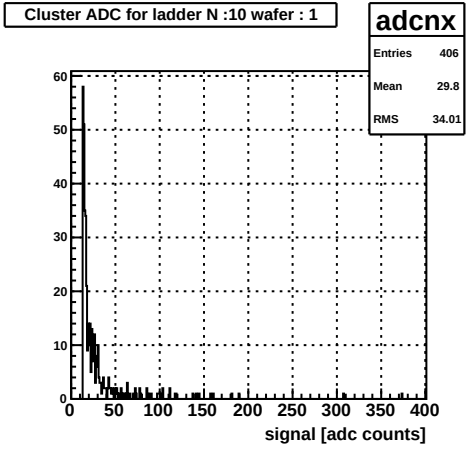

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2419
Mean 23.46
RMS 28.1
signal [adc counts]

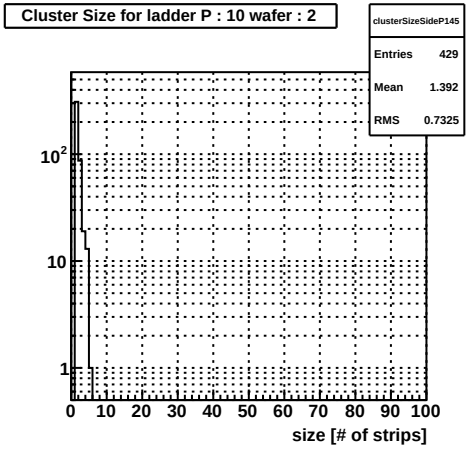

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 566
Mean 1.261
RMS 0.6742
size [# of strips]

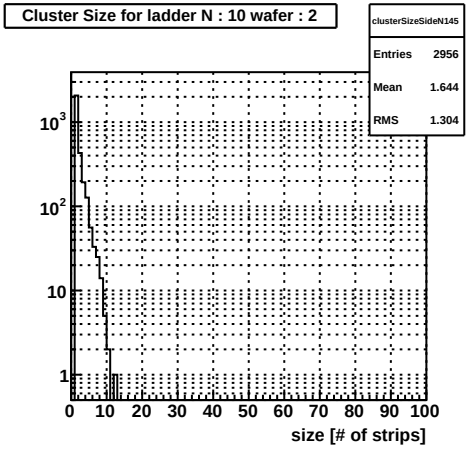

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 406
Mean 1.266
RMS 0.6533
size [# of strips]

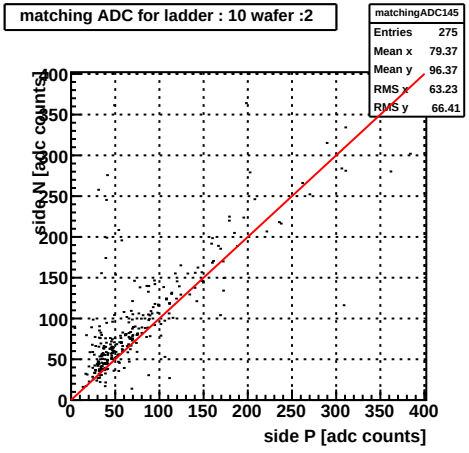

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 37
Mean x 55.54
Mean y 67.65
RMS x 36.06
RMS y 55.42
side N [adc counts]
side P [adc counts]

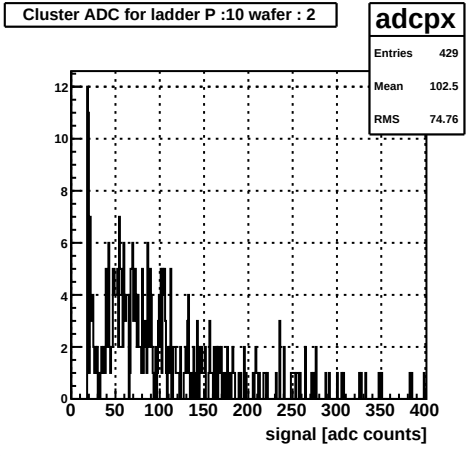

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 566
Mean 34.55
RMS 32.56
signal [adc counts]

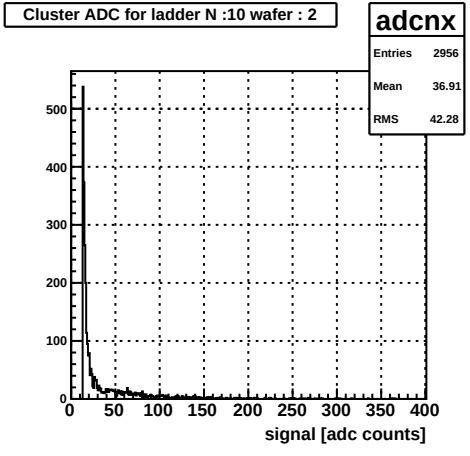

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 406
Mean 29.8
RMS 34.01
signal [adc counts]

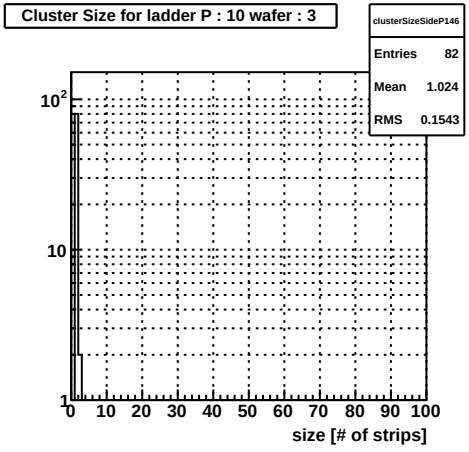

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 429
Mean 1.392
RMS 0.7325
size [# of strips]

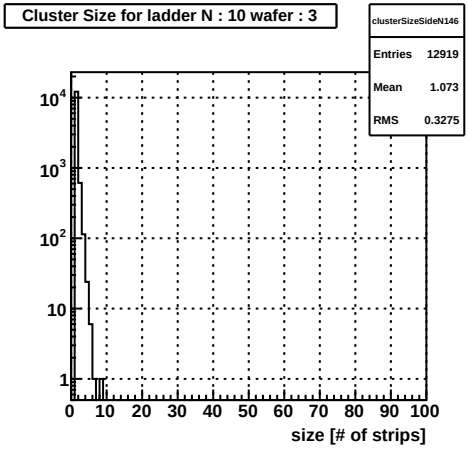

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2956
Mean 1.644
RMS 1.304
size [# of strips]

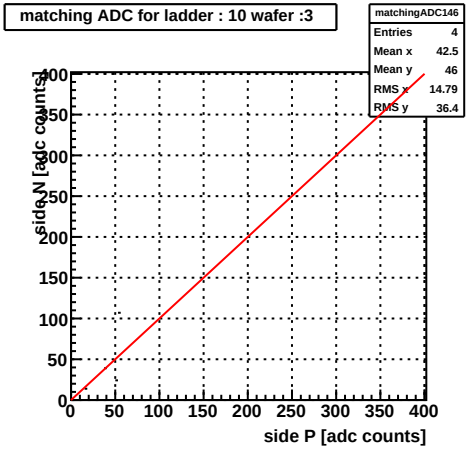

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 275
Mean x 79.37
Mean y 96.37
RMS x 63.23
RMS y 66.41
side N [adc counts]
side P [adc counts]

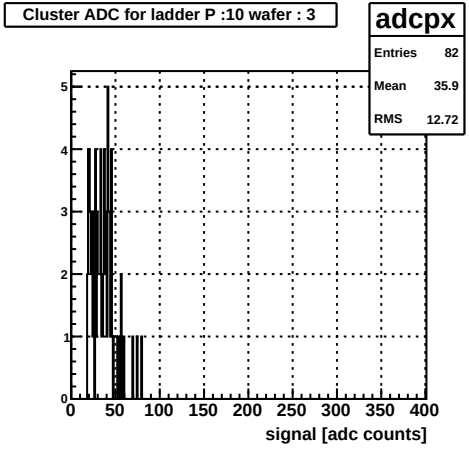

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 429
Mean 102.5
RMS 74.76
signal [adc counts]

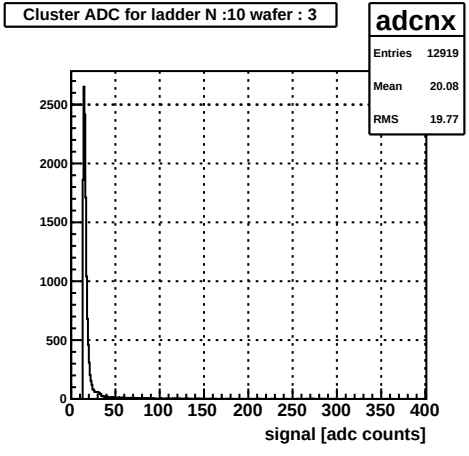

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2956
Mean 36.91
RMS 42.28
signal [adc counts]

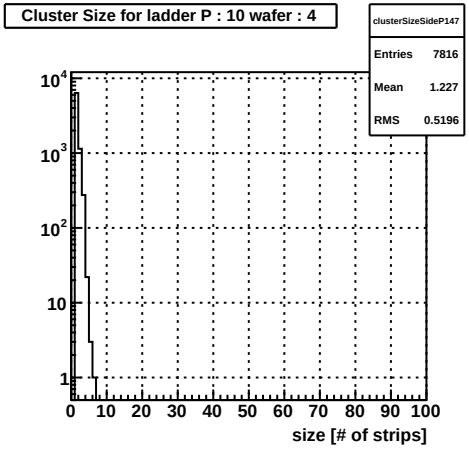

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 82
Mean 1.024
RMS 0.1543
size [# of strips]

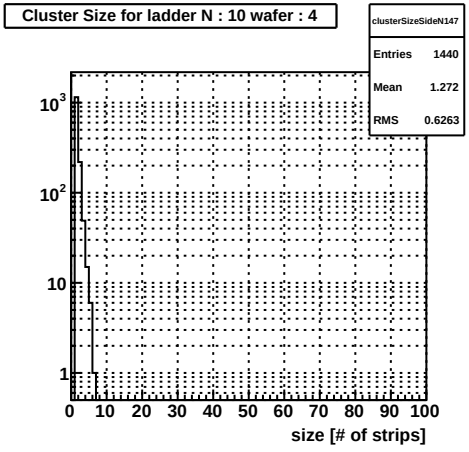

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12919
Mean 1.073
RMS 0.3275
size [# of strips]

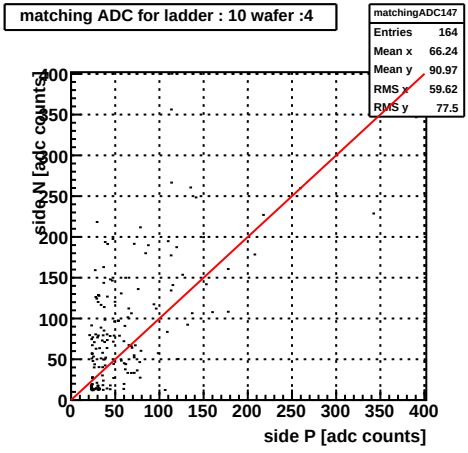

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 4
Mean x 42.5
Mean y 46
RMS x 14.79
RMS y 36.4
side N [adc counts]
side P [adc counts]

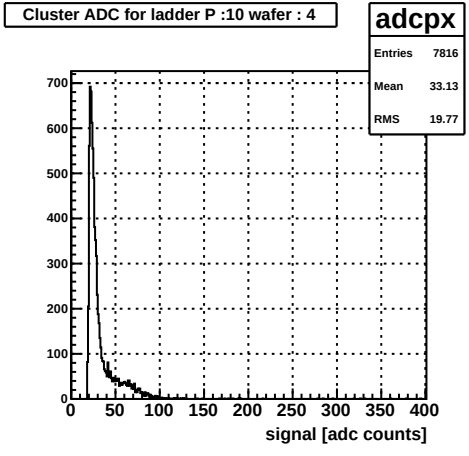

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 82
Mean 35.9
RMS 12.72
signal [adc counts]

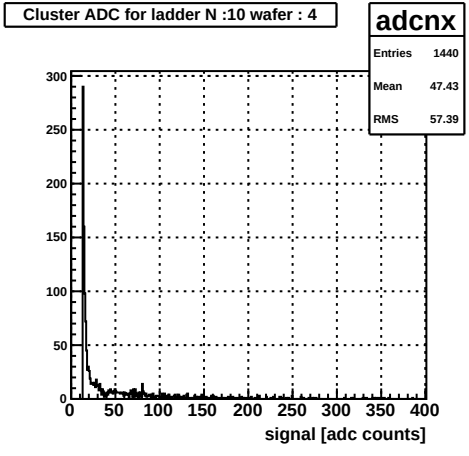

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12919
Mean 20.08
RMS 19.77
signal [adc counts]

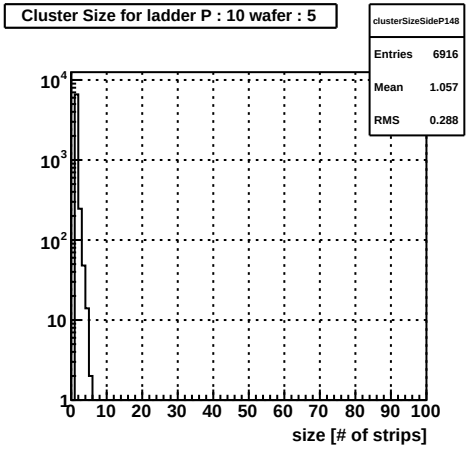

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7816
Mean 1.227
RMS 0.5196
size [# of strips]

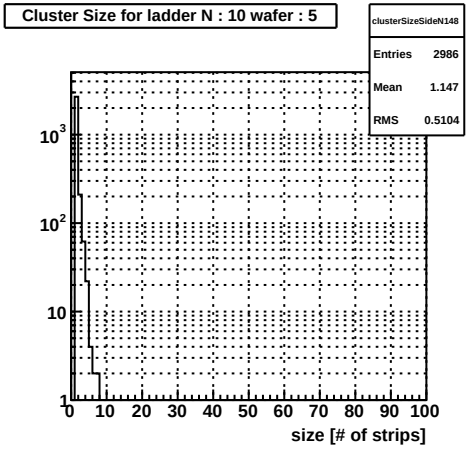

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1440
Mean 1.272
RMS 0.6263
size [# of strips]

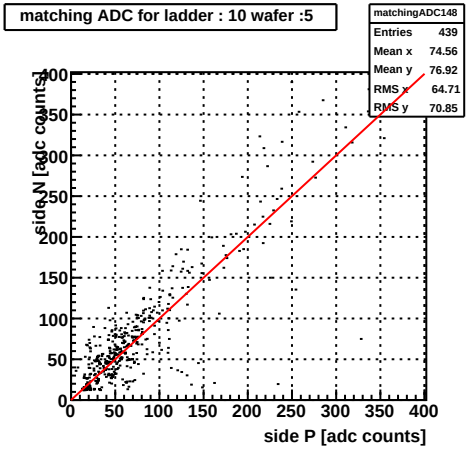

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 164
Mean x 66.24
Mean y 90.97
RMS x 59.62
RMS y 77.5
side N [adc counts]
side P [adc counts]

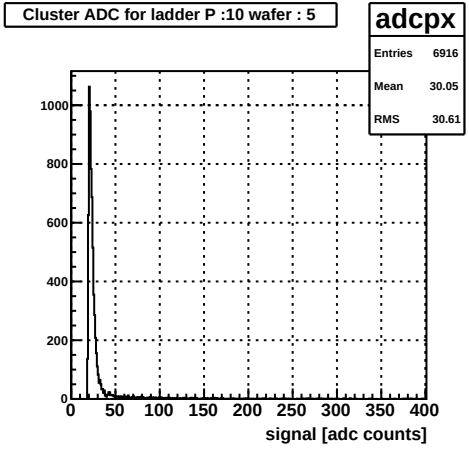

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7816
Mean 33.13
RMS 19.77
signal [adc counts]

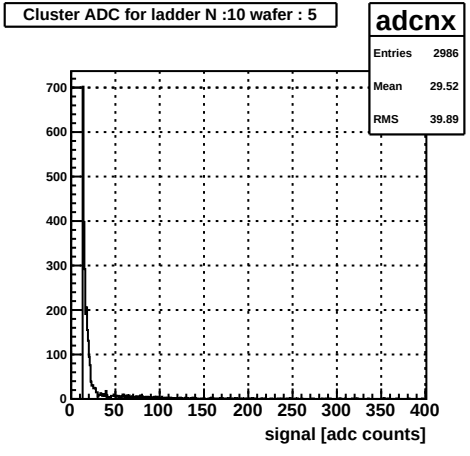

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1440
Mean 47.43
RMS 57.39
signal [adc counts]

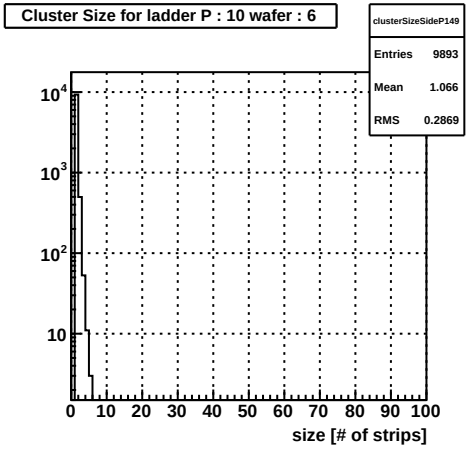

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6916
Mean 1.057
RMS 0.288
size [# of strips]

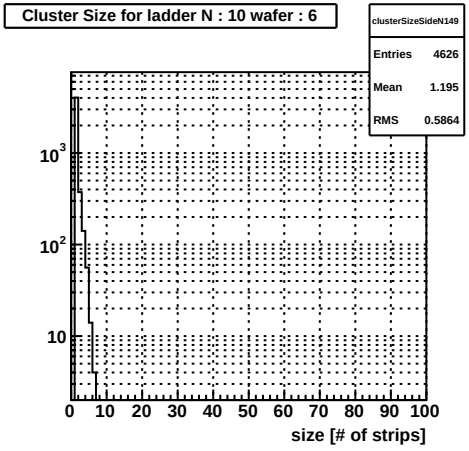

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2986
Mean 1.147
RMS 0.5104
size [# of strips]

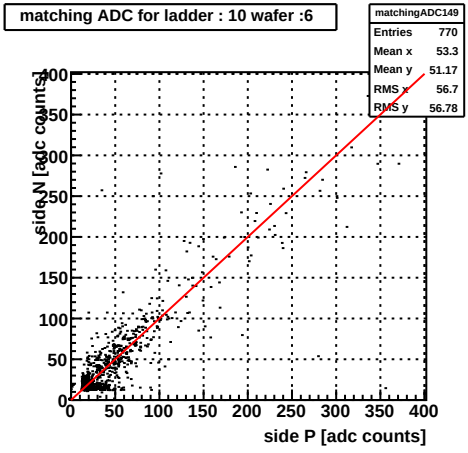

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 439
Mean x 74.56
Mean y 76.92
RMS x 64.71
RMS y 70.85
side N [adc counts]
side P [adc counts]

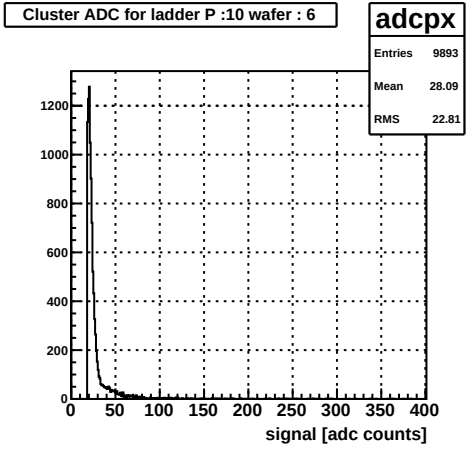

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6916
Mean 30.05
RMS 30.61
signal [adc counts]

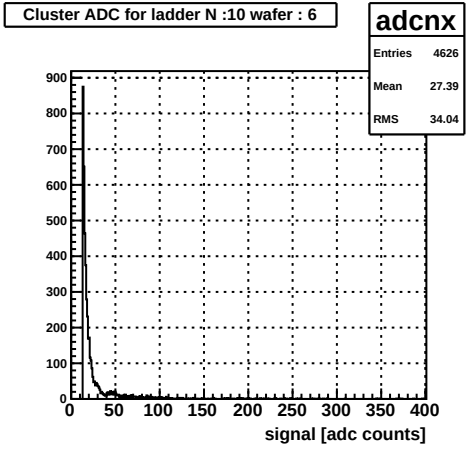

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2986
Mean 29.52
RMS 39.89
signal [adc counts]

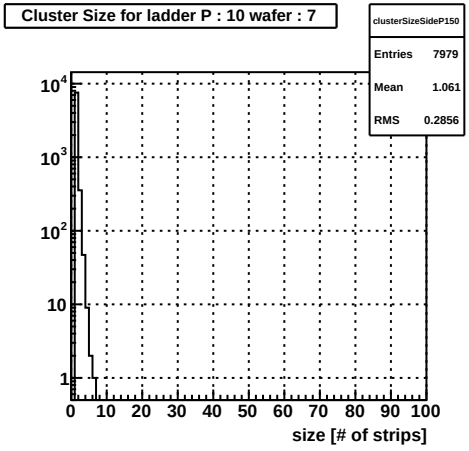

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9893
Mean 1.066
RMS 0.2869
size [# of strips]

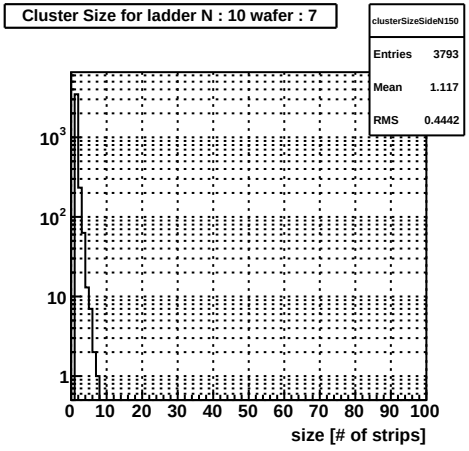

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4626
Mean 1.195
RMS 0.5864
size [# of strips]

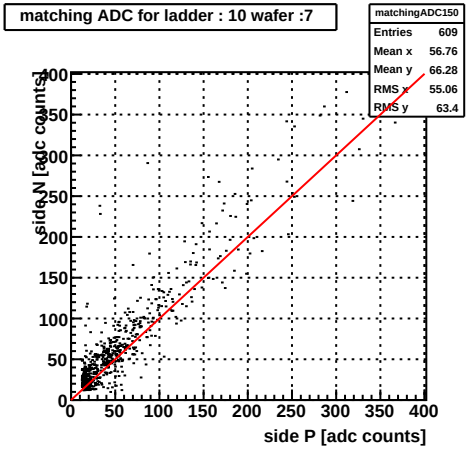

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 770
Mean x 53.3
Mean y 51.17
RMS x 56.7
RMS y 56.78
side N [adc counts]
side P [adc counts]

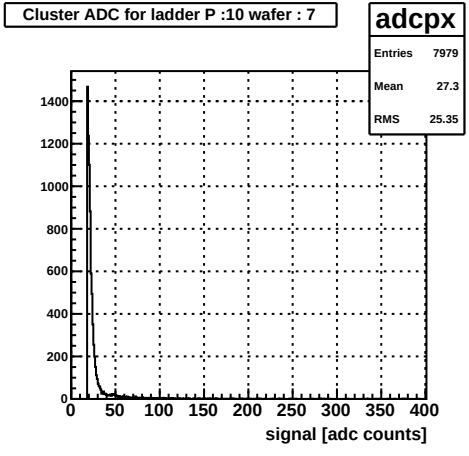

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9893
Mean 28.09
RMS 22.81
signal [adc counts]

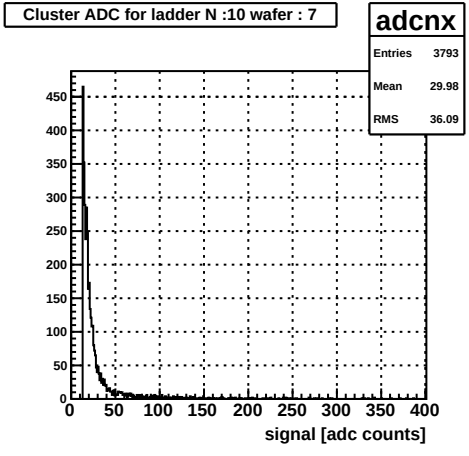

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4626
Mean 27.39
RMS 34.04
signal [adc counts]

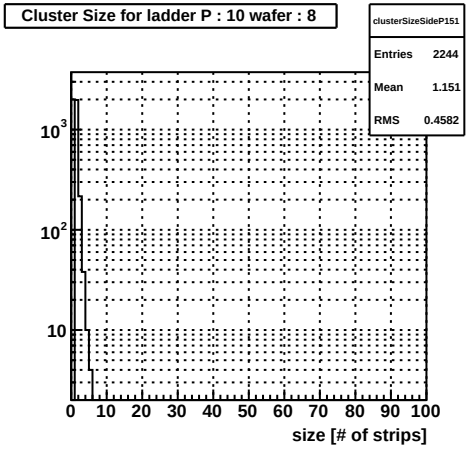

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7979
Mean 1.061
RMS 0.2856
size [# of strips]

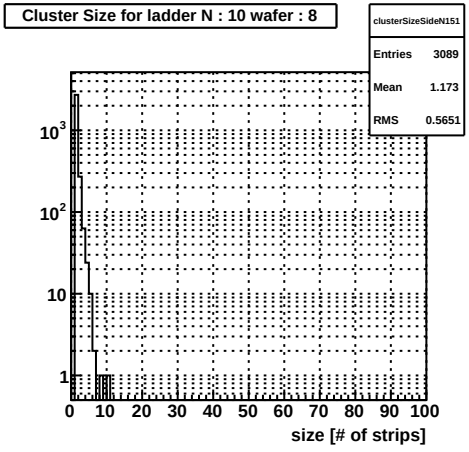

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3793
Mean 1.117
RMS 0.4442
size [# of strips]

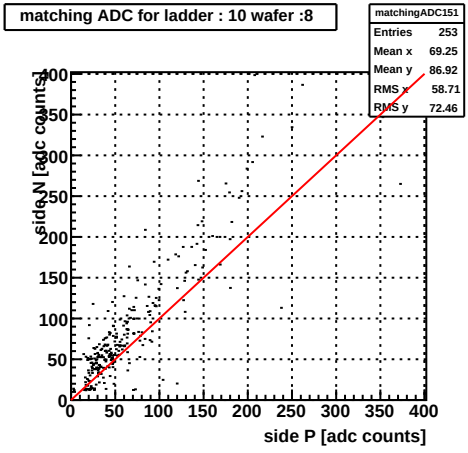

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 609
Mean x 56.76
Mean y 66.28
RMS x 55.06
RMS y 63.4
side N [adc counts]
side P [adc counts]

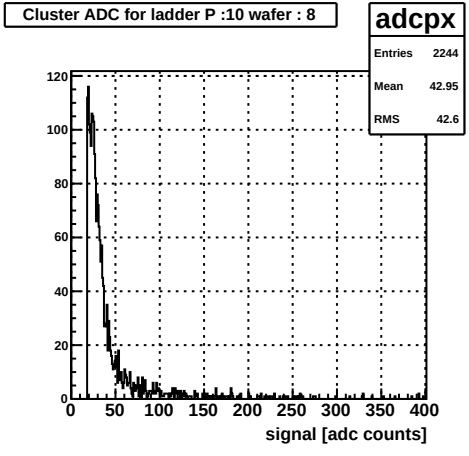

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7979
Mean 27.3
RMS 25.35
signal [adc counts]

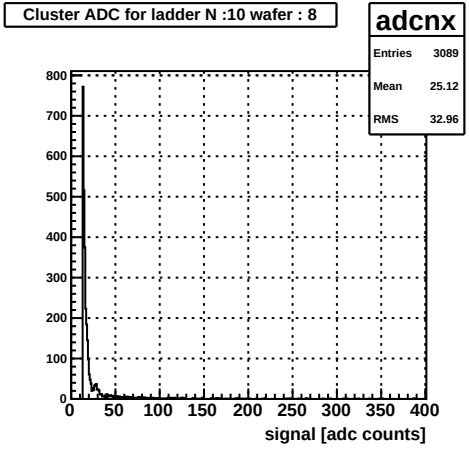

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3793
Mean 29.98
RMS 36.09
signal [adc counts]

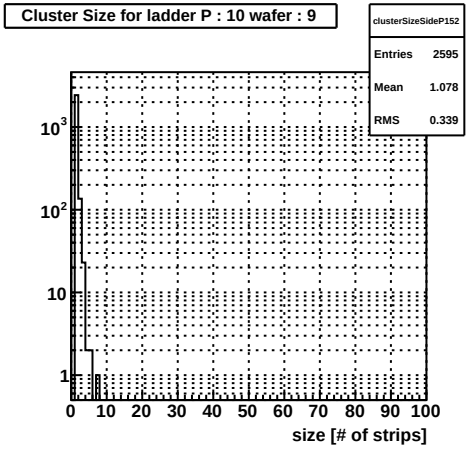

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2244
Mean 1.151
RMS 0.4582
size [# of strips]

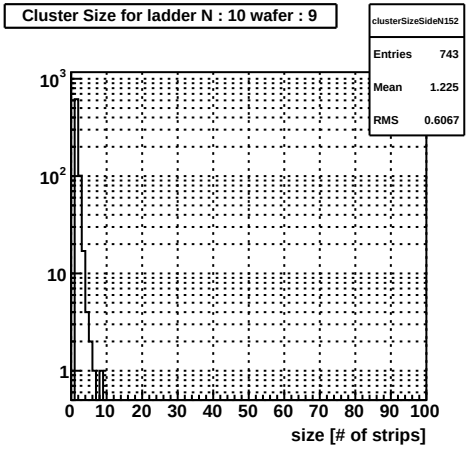

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3089
Mean 1.173
RMS 0.5651
size [# of strips]

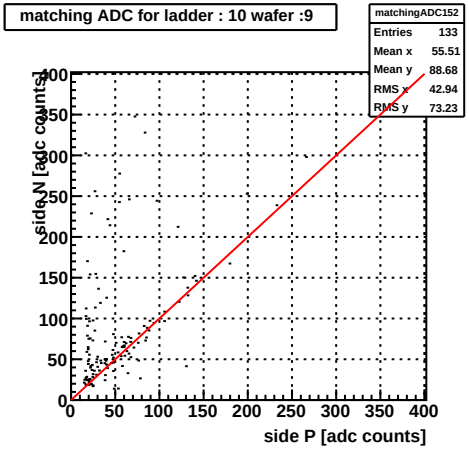

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 253
Mean x 69.25
Mean y 86.92
RMS x 58.71
RMS y 72.46
side N [adc counts]
side P [adc counts]

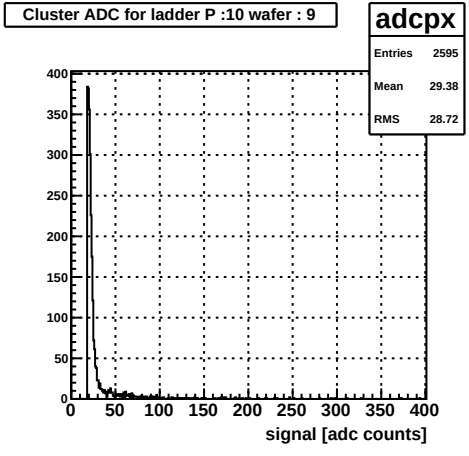

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2244
Mean 42.95
RMS 42.6
signal [adc counts]

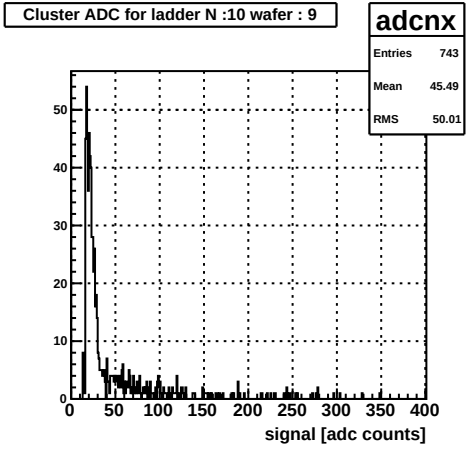

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3089
Mean 25.12
RMS 32.96
signal [adc counts]

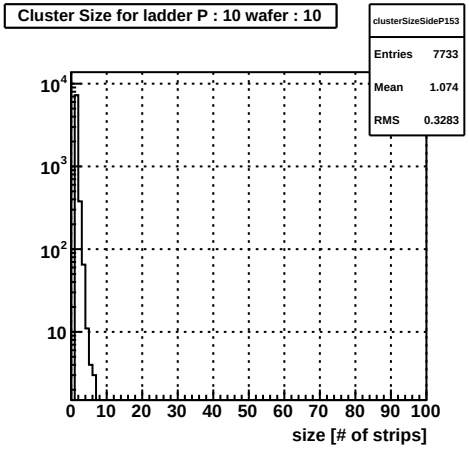

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2595
Mean 1.078
RMS 0.339
size [# of strips]

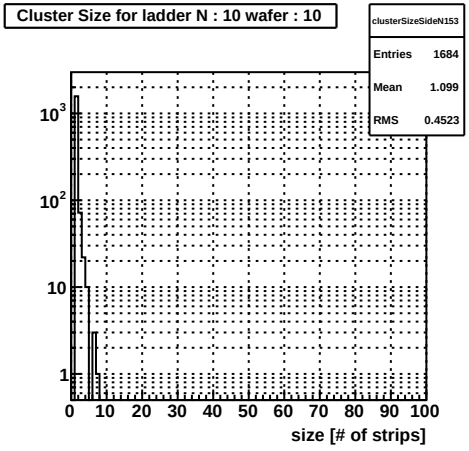

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 743
Mean 1.225
RMS 0.6067
size [# of strips]

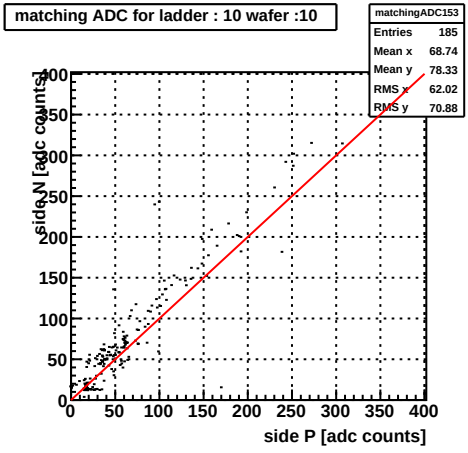

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 133
Mean x 55.51
Mean y 88.68
RMS x 42.94
RMS y 73.23
side N [adc counts]
side P [adc counts]

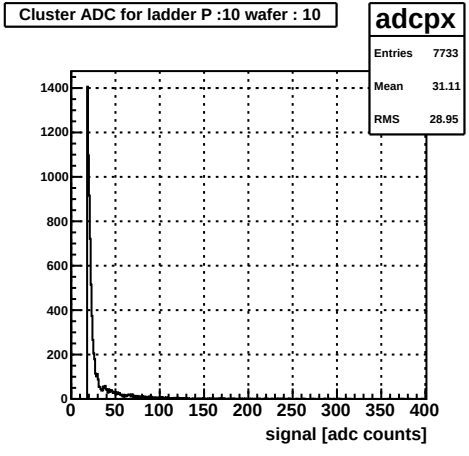

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2595
Mean 29.38
RMS 28.72
signal [adc counts]

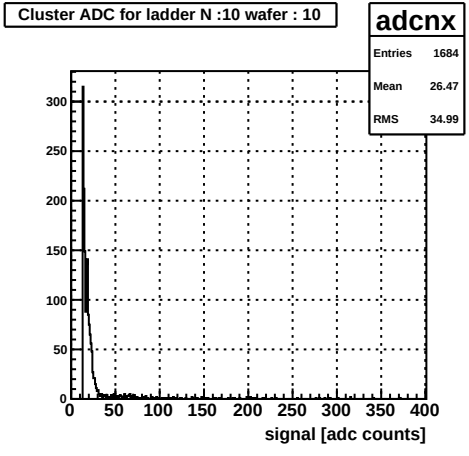

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 743
Mean 45.49
RMS 50.01
signal [adc counts]

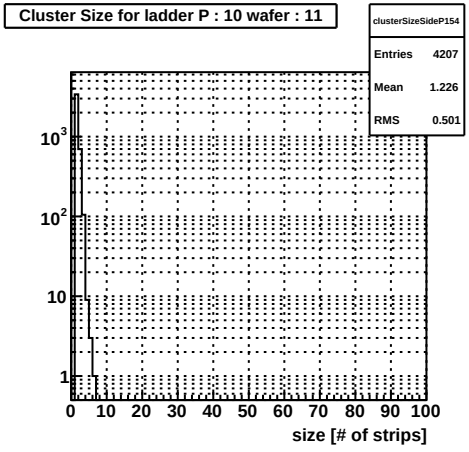

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 7733
Mean 1.074
RMS 0.3283
size [# of strips]

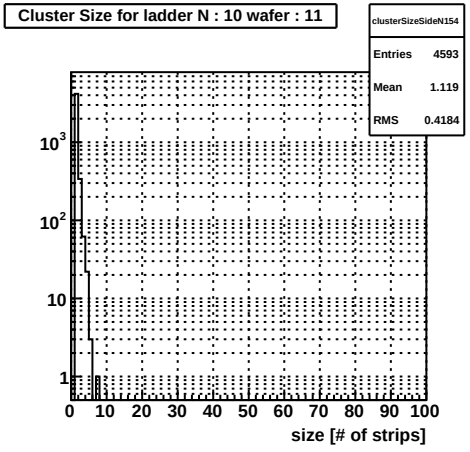

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1684
Mean 1.099
RMS 0.4523
size [# of strips]

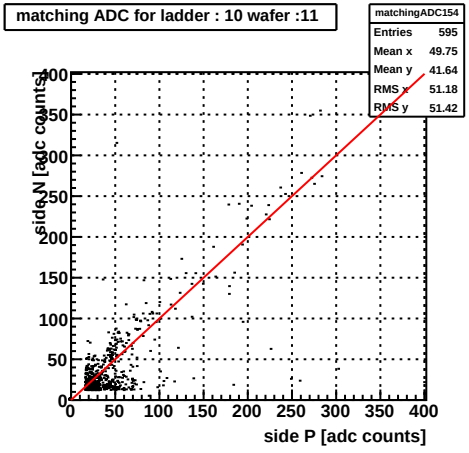

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 185
Mean x 68.74
Mean y 78.33
RMS x 62.02
RMS y 70.88
side N [adc counts]
side P [adc counts]

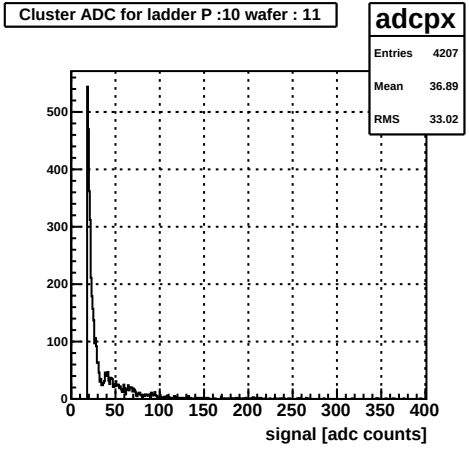

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 7733
Mean 31.11
RMS 28.95
signal [adc counts]

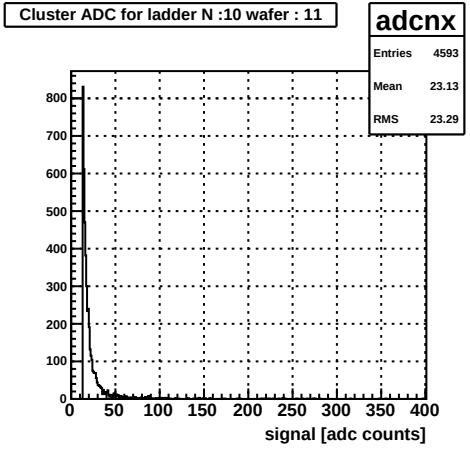

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1684
Mean 26.47
RMS 34.99
signal [adc counts]

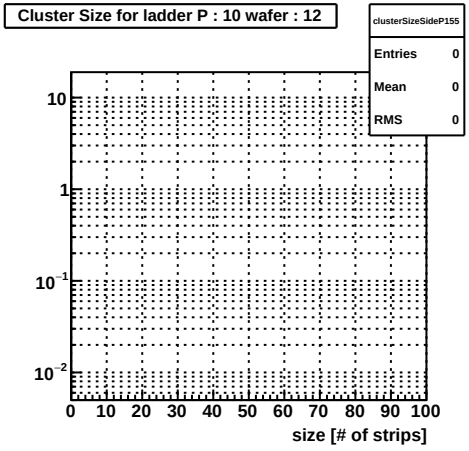

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4207
Mean 1.226
RMS 0.501
size [# of strips]

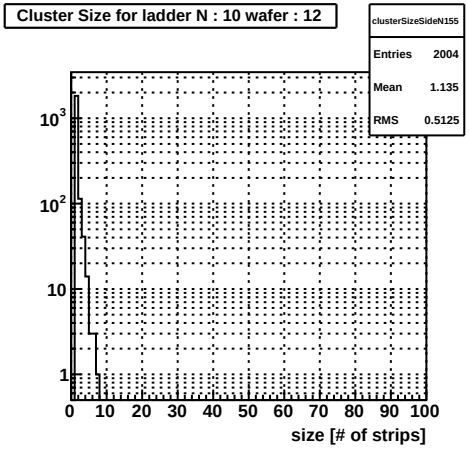

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4593
Mean 1.119
RMS 0.4184
size [# of strips]

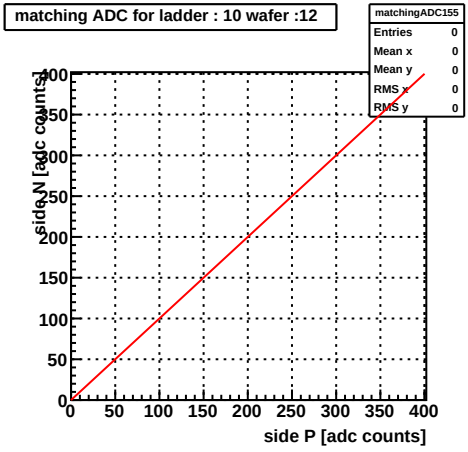

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 595
Mean x 49.75
Mean y 41.64
RMS x 51.18
RMS y 51.42
side N [adc counts]
side P [adc counts]

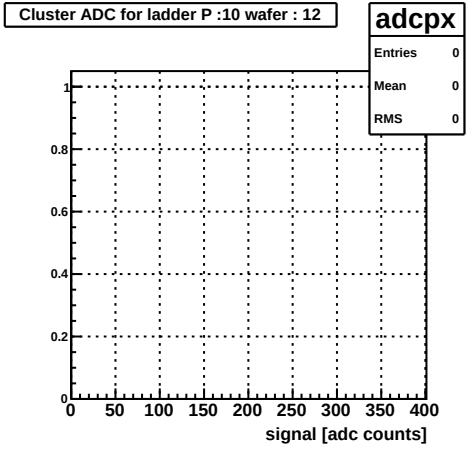

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4207
Mean 36.89
RMS 33.02
signal [adc counts]

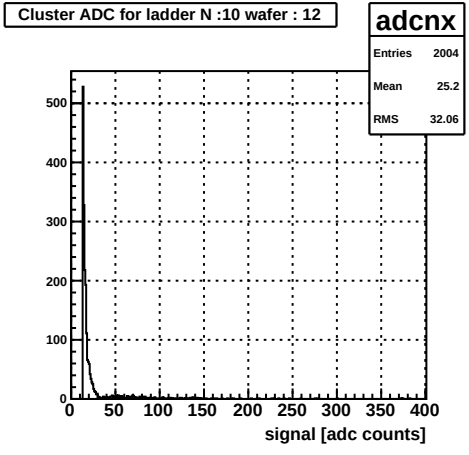

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4593
Mean 23.13
RMS 23.29
signal [adc counts]

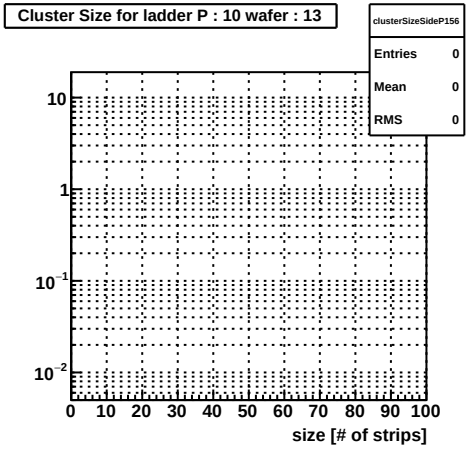

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

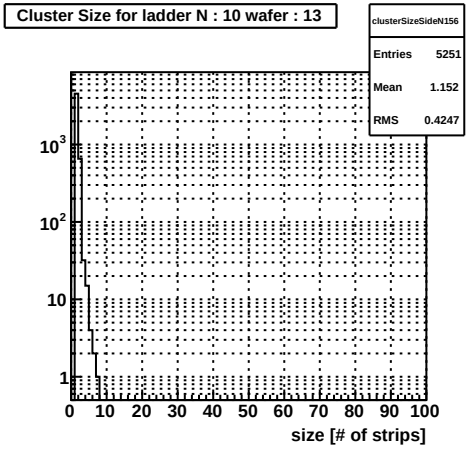

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2004
Mean 1.135
RMS 0.5125
size [# of strips]

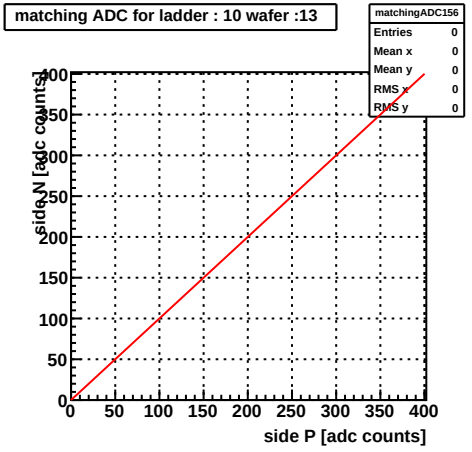

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

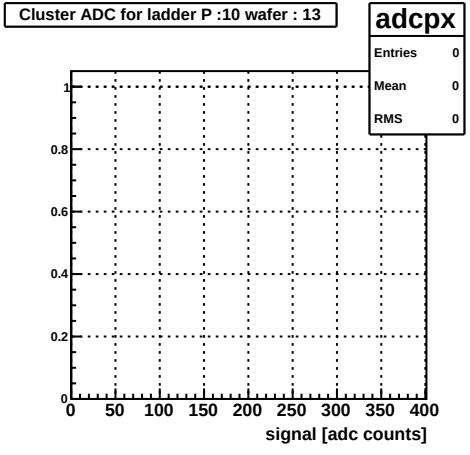

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

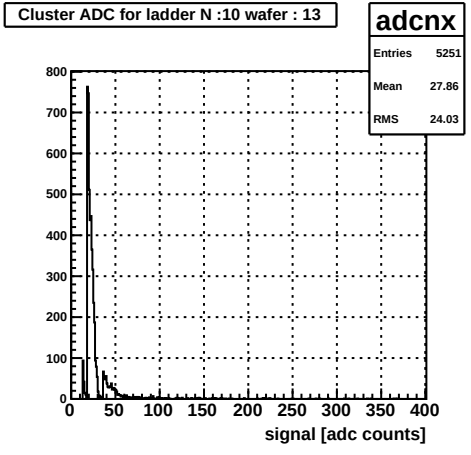

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2004
Mean 25.2
RMS 32.06
signal [adc counts]

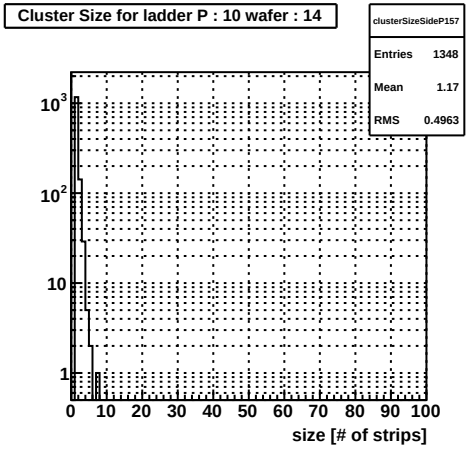

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

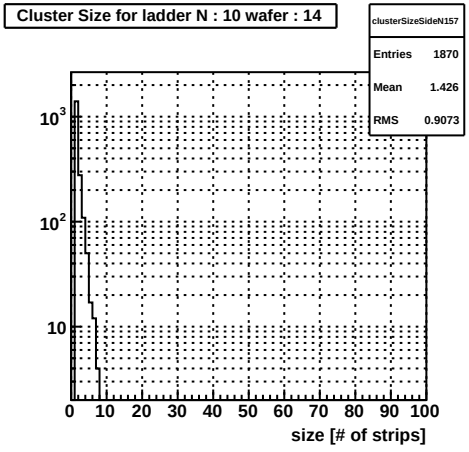

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 5251
Mean 1.152
RMS 0.4247
size [# of strips]

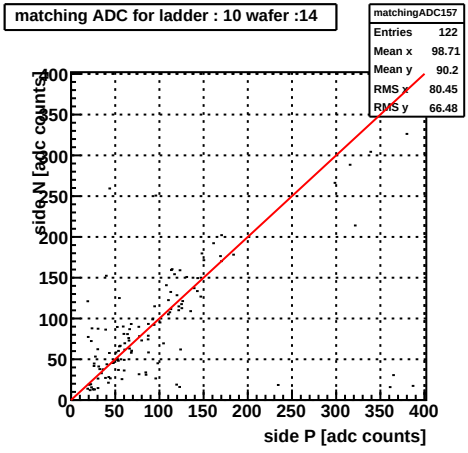

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

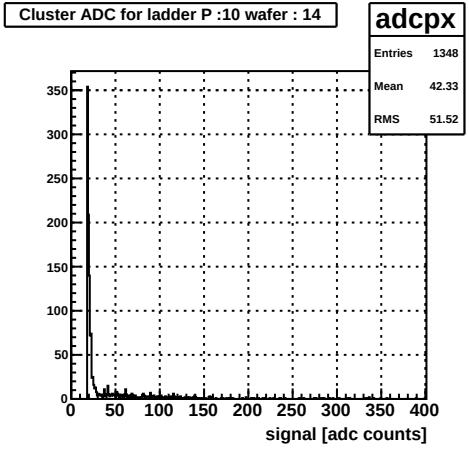

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

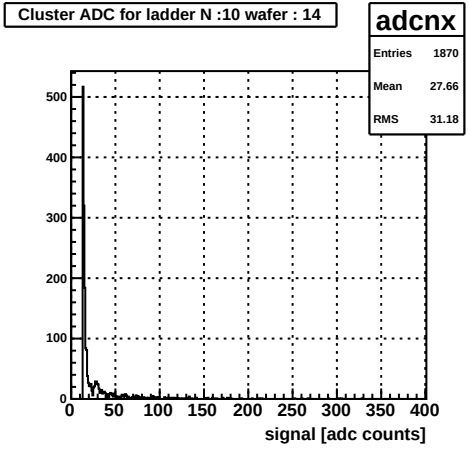

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 5251
Mean 27.86
RMS 24.03
signal [adc counts]

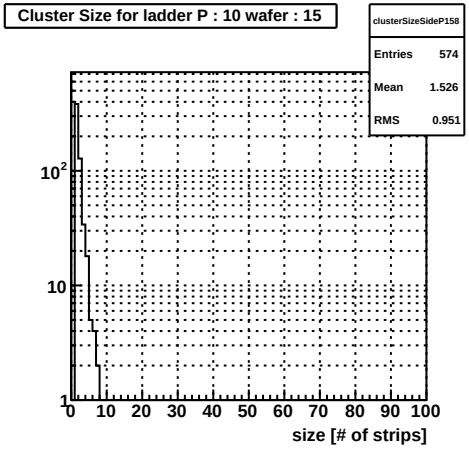

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1348
Mean 1.17
RMS 0.4963
size [# of strips]

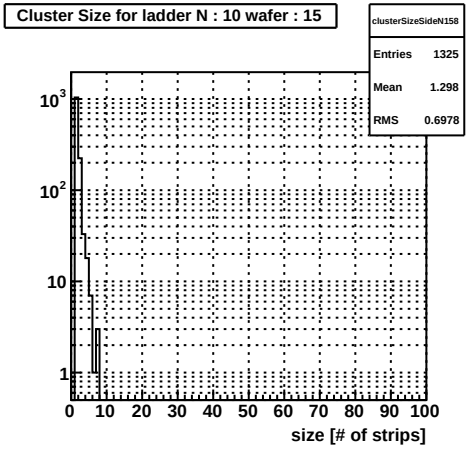

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1870
Mean 1.426
RMS 0.9073
size [# of strips]

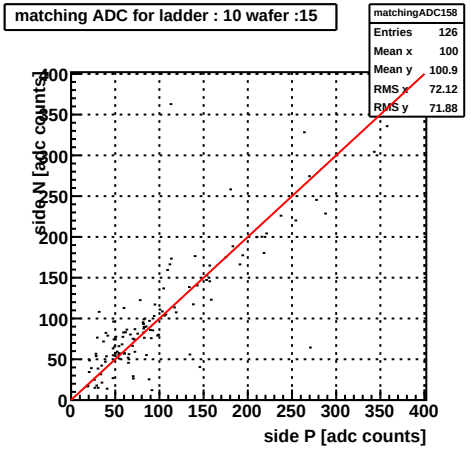

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 122
Mean x 98.71
Mean y 90.2
RMS x 80.45
RMS y 66.48
side N [adc counts]
side P [adc counts]

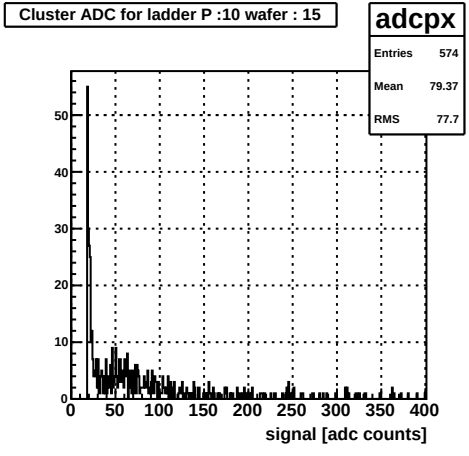

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1348
Mean 42.33
RMS 51.52
signal [adc counts]

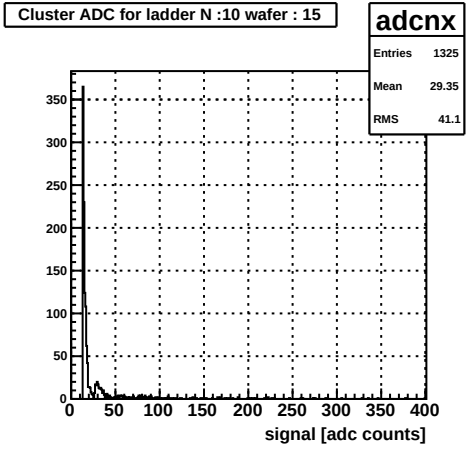

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1870
Mean 27.66
RMS 31.18
signal [adc counts]

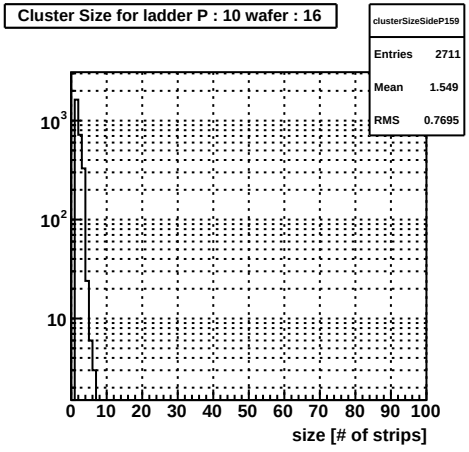

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 574
Mean 1.526
RMS 0.951
size [# of strips]

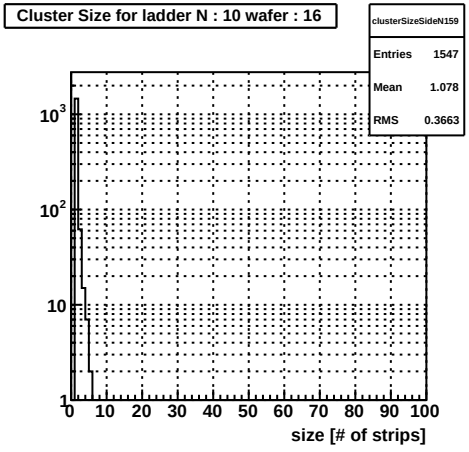

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1325
Mean 1.298
RMS 0.6978
size [# of strips]

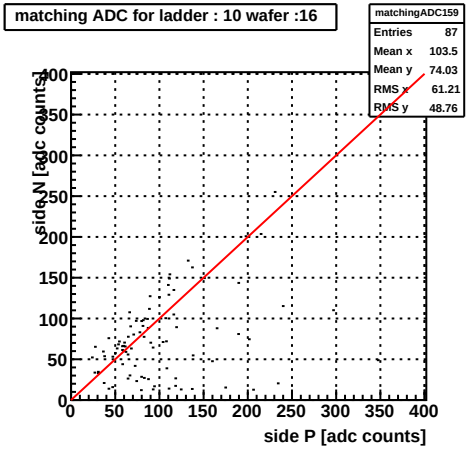

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 126
Mean x 100
Mean y 100.9
RMS x 72.12
RMS y 71.88
side N [adc counts]
side P [adc counts]

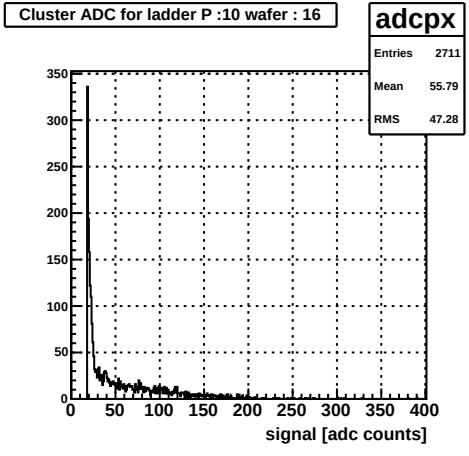

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 574
Mean 79.37
RMS 77.7
signal [adc counts]

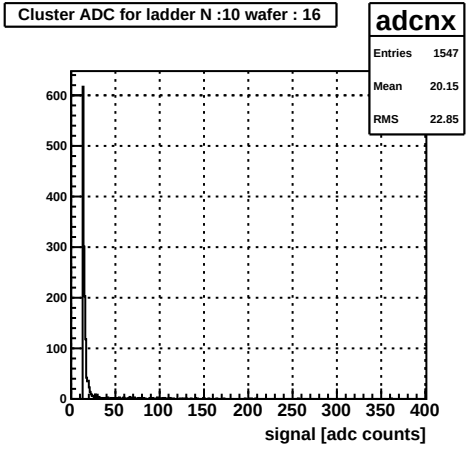

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1325
Mean 29.35
RMS 41.1
signal [adc counts]

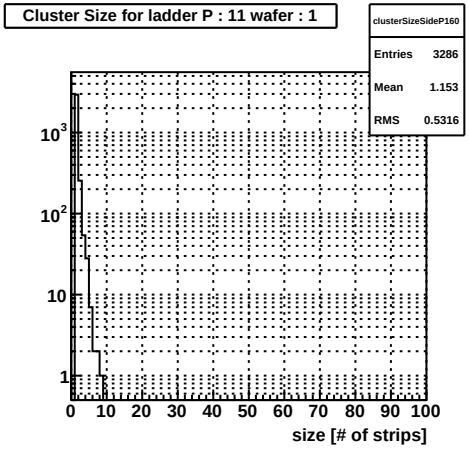

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2711
Mean 1.549
RMS 0.7695
size [# of strips]

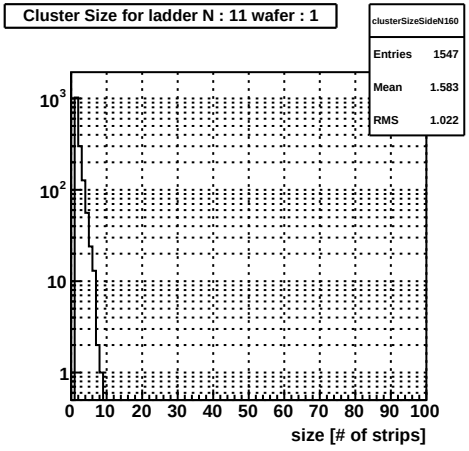

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1547
Mean 1.078
RMS 0.3663
size [# of strips]

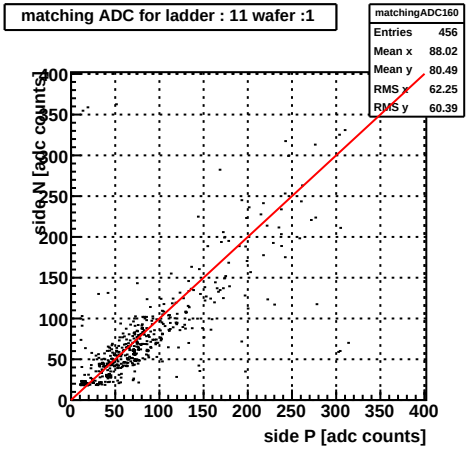

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 87
Mean x 103.5
Mean y 74.03
RMS x 61.21
RMS y 48.76
side N [adc counts]
side P [adc counts]

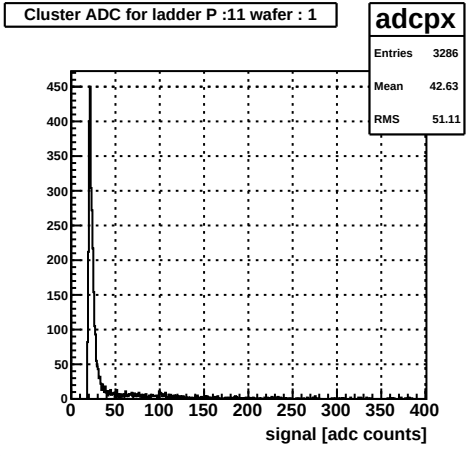

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2711
Mean 55.79
RMS 47.28
signal [adc counts]

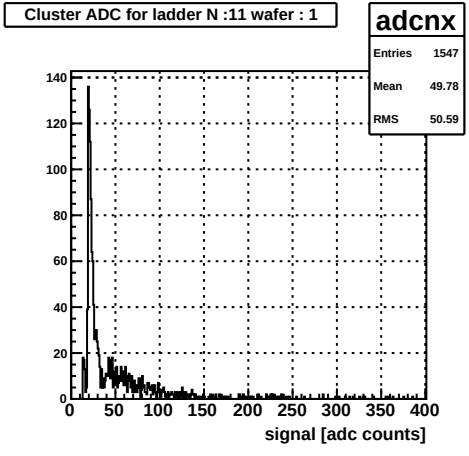

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1547
Mean 20.15
RMS 22.85
signal [adc counts]

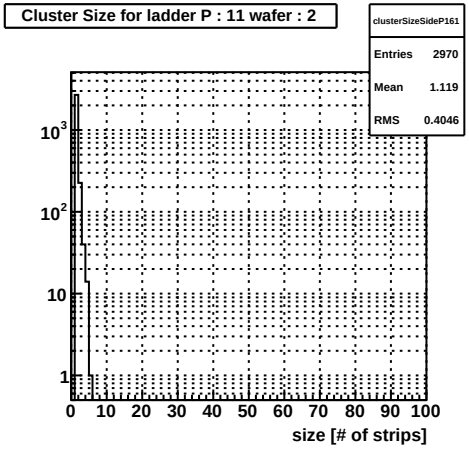

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3286
Mean 1.153
RMS 0.5316
size [# of strips]

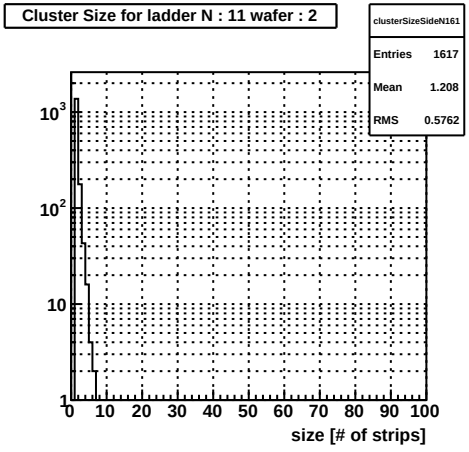

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1547
Mean 1.583
RMS 1.022
size [# of strips]

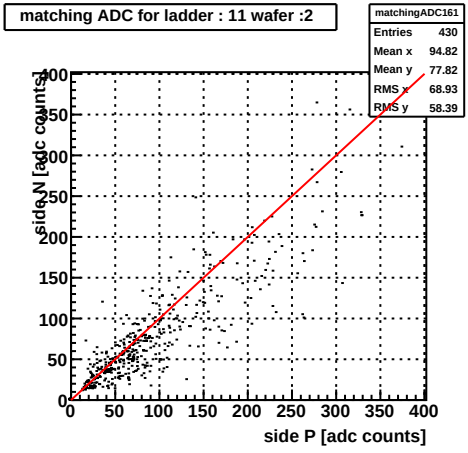

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 456
Mean x 88.02
Mean y 80.49
RMS x 62.25
RMS y 60.39
side N [adc counts]
side P [adc counts]

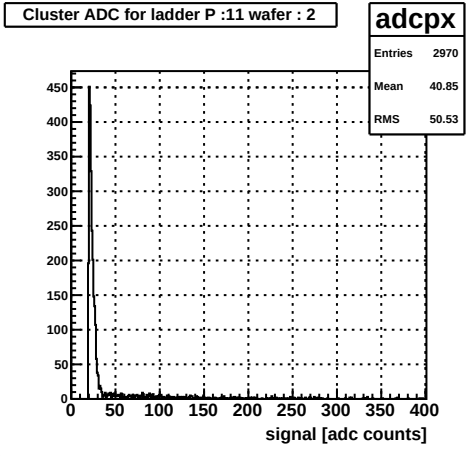

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3286
Mean 42.63
RMS 51.11
signal [adc counts]

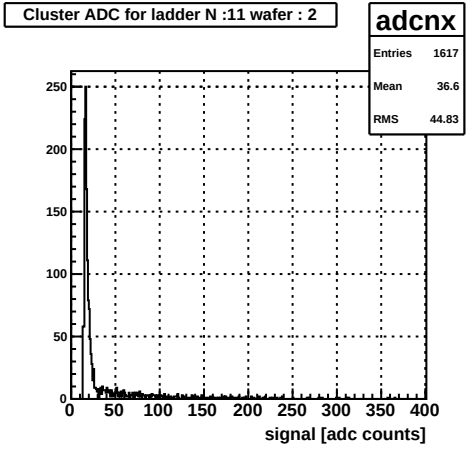

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1547
Mean 49.78
RMS 50.59
signal [adc counts]

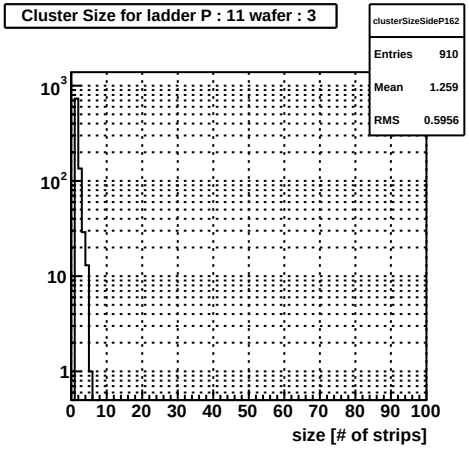

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2970
Mean 1.119
RMS 0.4046
size [# of strips]

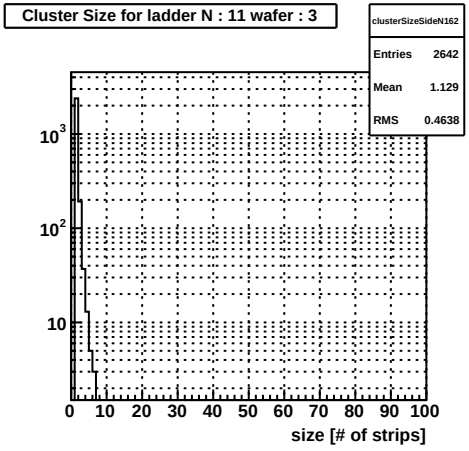

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1617
Mean 1.208
RMS 0.5762
size [# of strips]

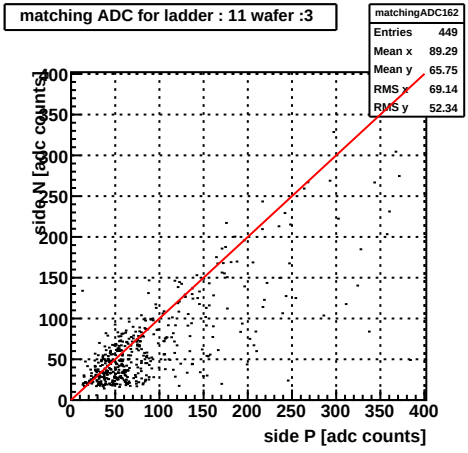

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 430
Mean x 94.82
Mean y 77.82
RMS x 68.93
RMS y 58.39
side N [adc counts]
side P [adc counts]

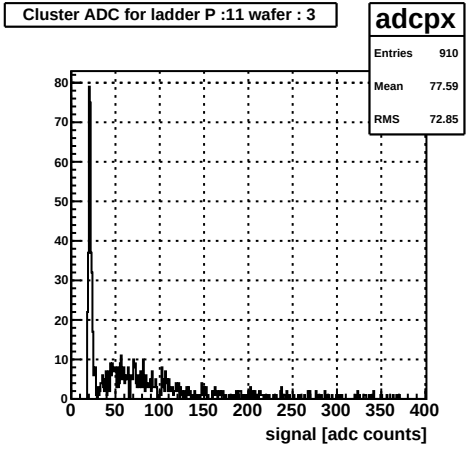

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2970
Mean 40.85
RMS 50.53
signal [adc counts]

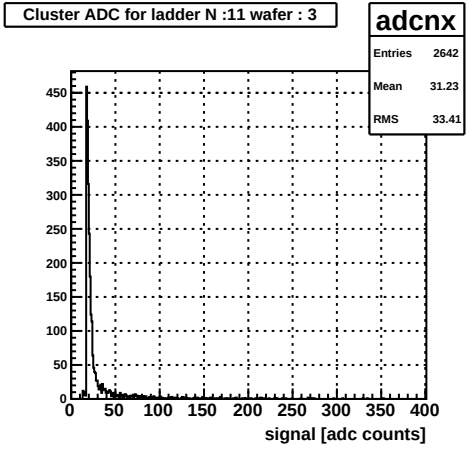

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1617
Mean 36.6
RMS 44.83
signal [adc counts]

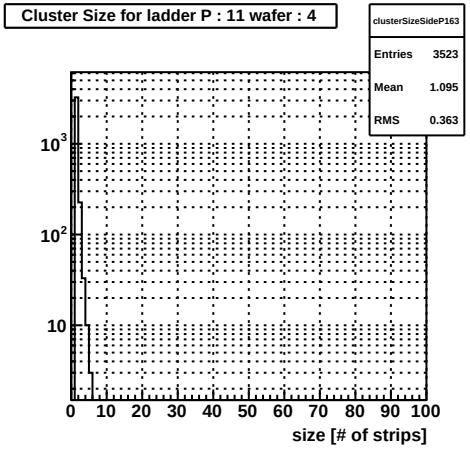

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 910
Mean 1.259
RMS 0.5956
size [# of strips]

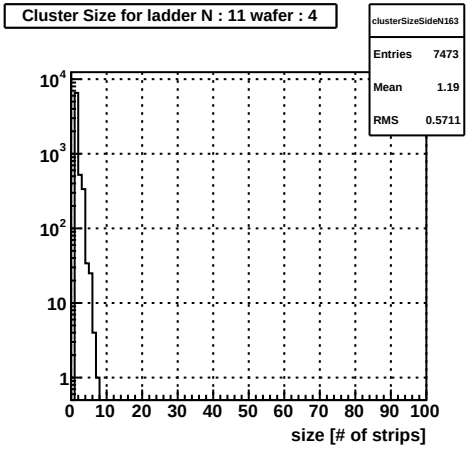

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2642
Mean 1.129
RMS 0.4638
size [# of strips]

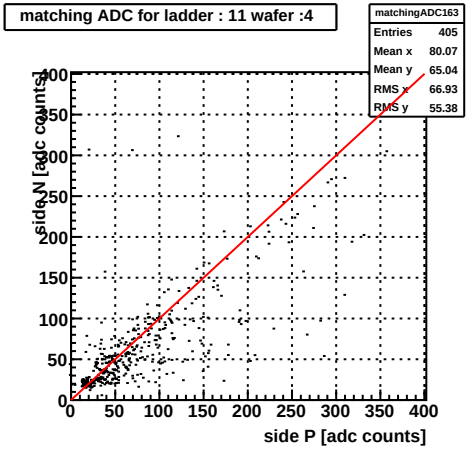

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 449
Mean x 89.29
Mean y 65.75
RMS x 69.14
RMS y 52.34
side N [adc counts]
side P [adc counts]

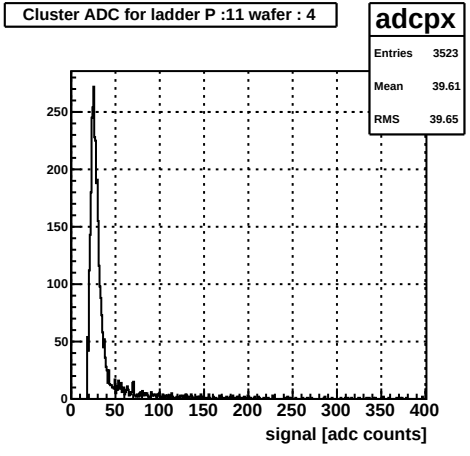

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 910
Mean 77.59
RMS 72.85
signal [adc counts]

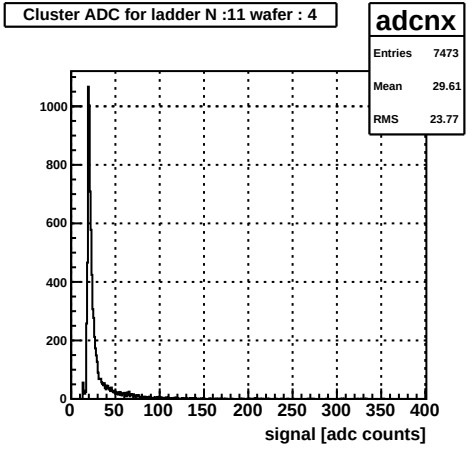

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2642
Mean 31.23
RMS 33.41
signal [adc counts]

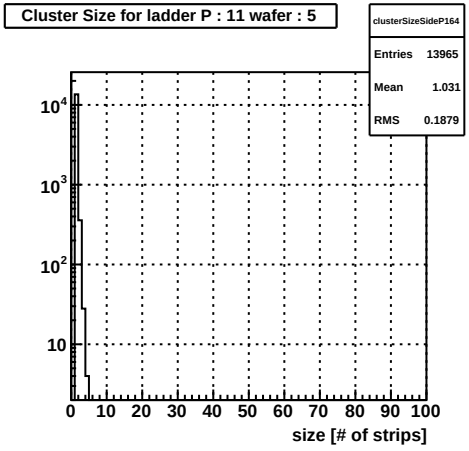

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3523
Mean 1.095
RMS 0.363
size [# of strips]

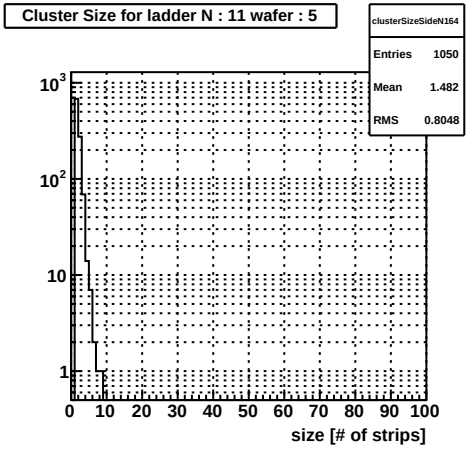

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7473
Mean 1.19
RMS 0.5711
size [# of strips]

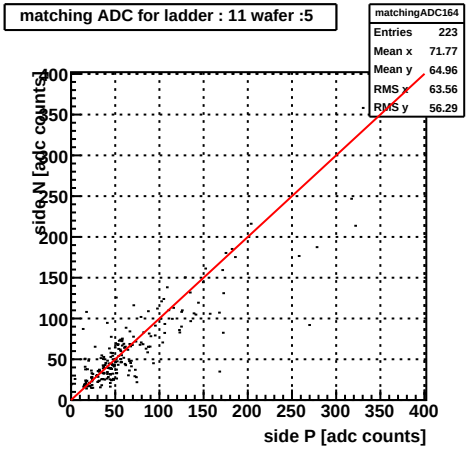

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 405
Mean x 80.07
Mean y 65.04
RMS x 66.93
RMS y 55.38
side N [adc counts]
side P [adc counts]

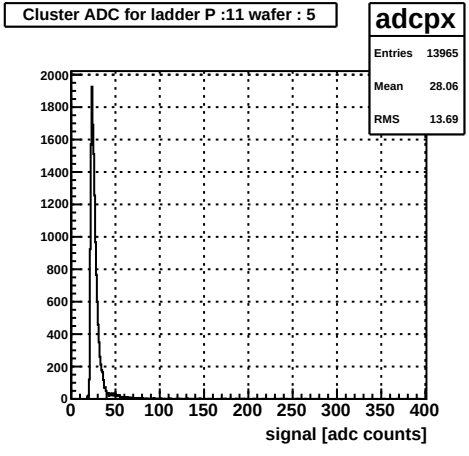

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3523
Mean 39.61
RMS 39.65
signal [adc counts]

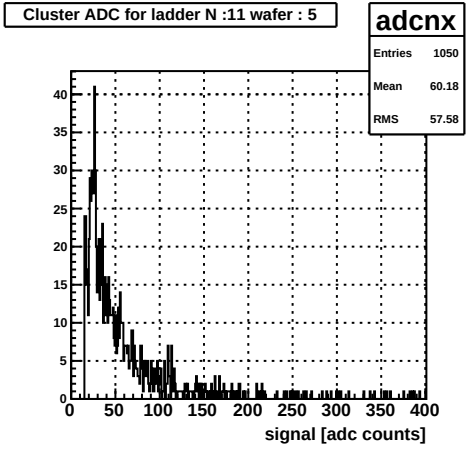

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7473
Mean 29.61
RMS 23.77
signal [adc counts]

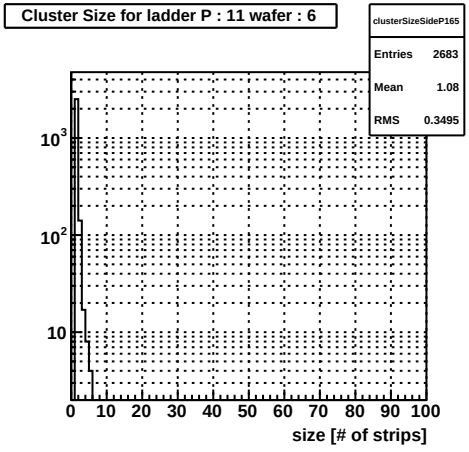

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13965
Mean 1.031
RMS 0.1879
size [# of strips]

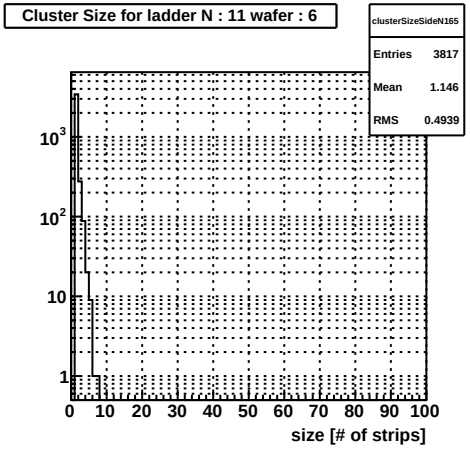

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1050
Mean 1.482
RMS 0.8048
size [# of strips]

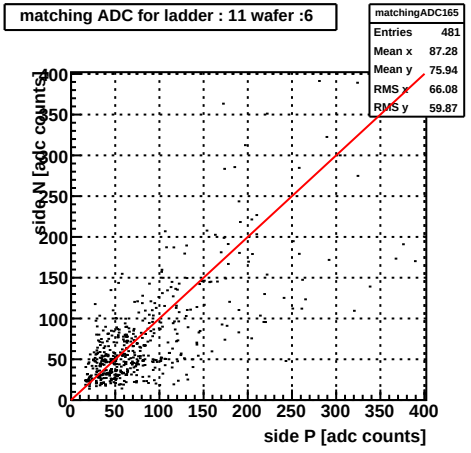

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 223
Mean x 71.77
Mean y 64.96
RMS x 63.56
RMS y 56.29
side N [adc counts]
side P [adc counts]

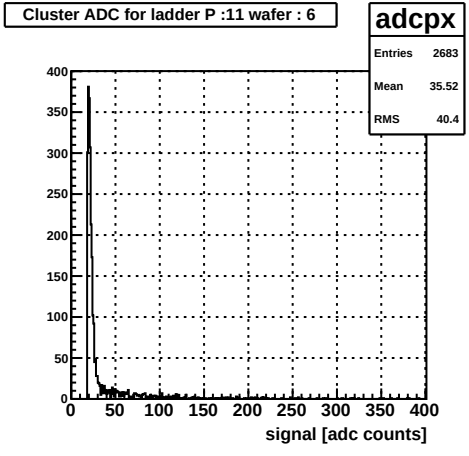

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13965
Mean 28.06
RMS 13.69
signal [adc counts]

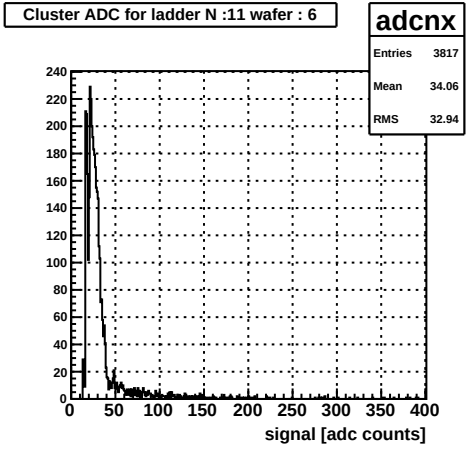

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1050
Mean 60.18
RMS 57.58
signal [adc counts]

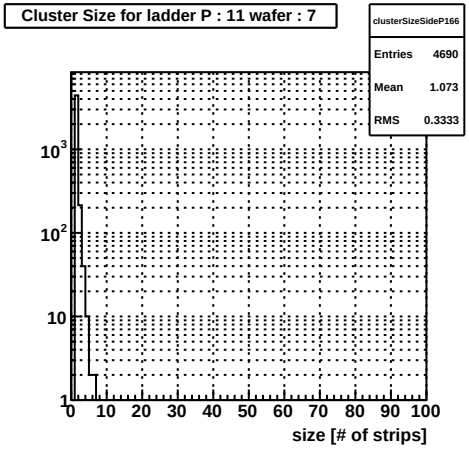

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2683
Mean 1.08
RMS 0.3495
size [# of strips]

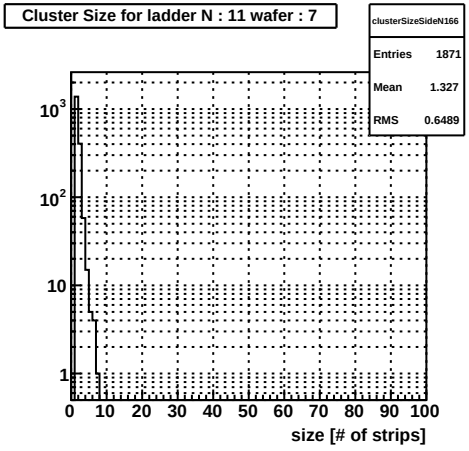

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3817
Mean 1.146
RMS 0.4939
size [# of strips]

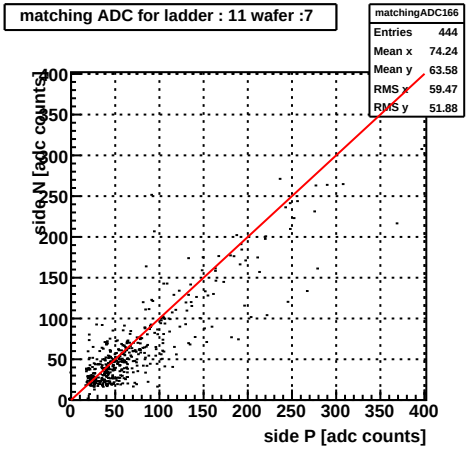

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 481
Mean x 87.28
Mean y 75.94
RMS x 66.08
RMS y 59.87
side N [adc counts]
side P [adc counts]

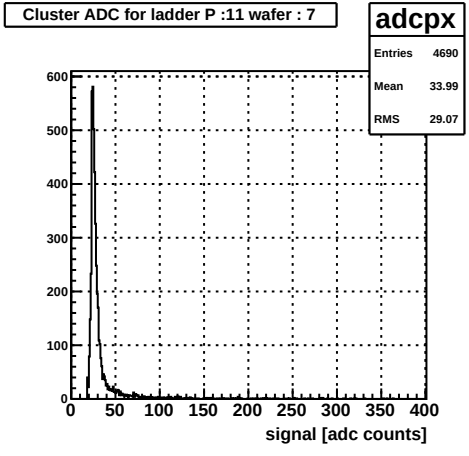

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2683
Mean 35.52
RMS 40.4
signal [adc counts]

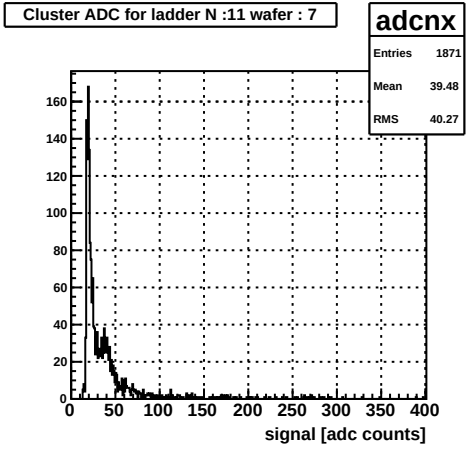

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3817
Mean 34.06
RMS 32.94
signal [adc counts]

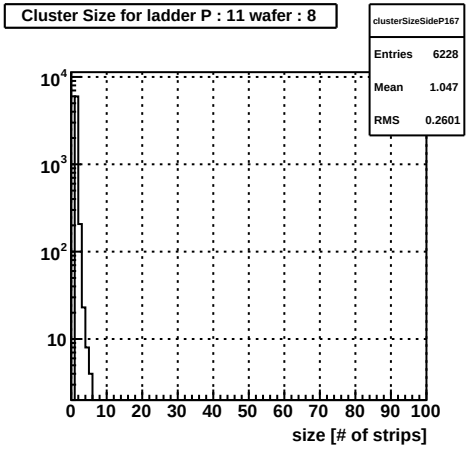

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4690
Mean 1.073
RMS 0.3333
size [# of strips]

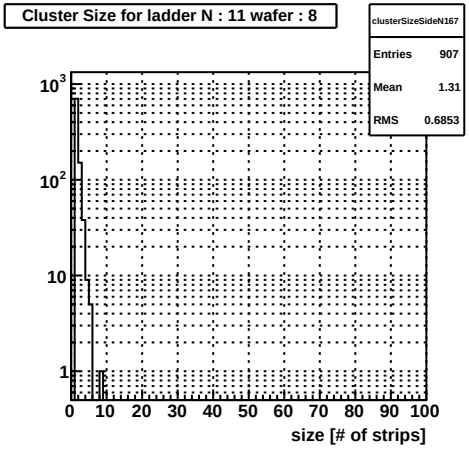

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1871
Mean 1.327
RMS 0.6489
size [# of strips]

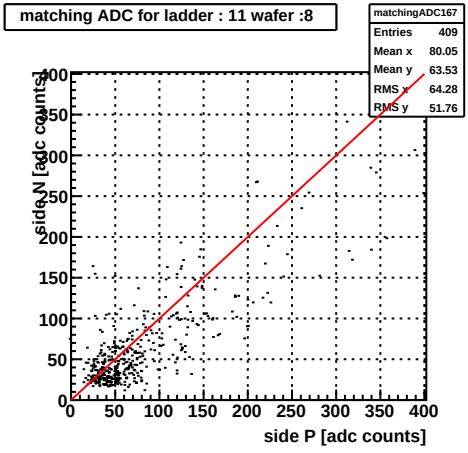

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 444
Mean x 74.24
Mean y 63.58
RMS x 59.47
RMS y 51.88
side N [adc counts]
side P [adc counts]

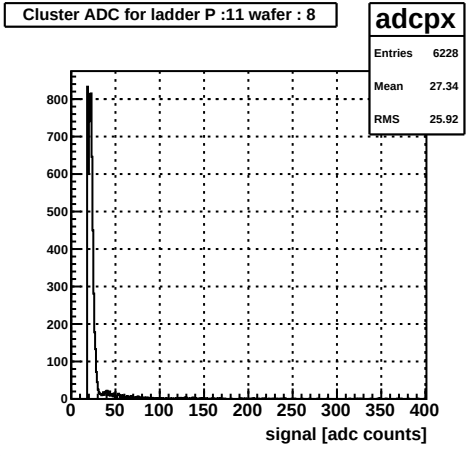

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4690
Mean 33.99
RMS 29.07
signal [adc counts]

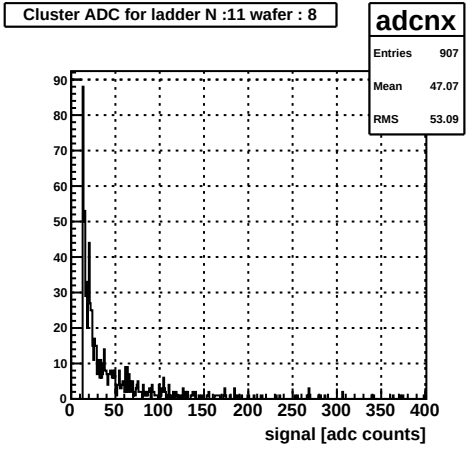

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1871
Mean 39.48
RMS 40.27
signal [adc counts]

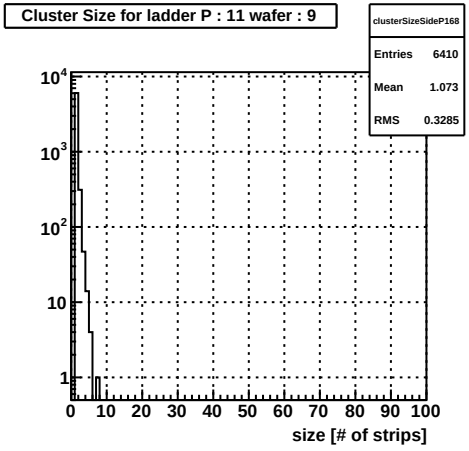

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6228
Mean 1.047
RMS 0.2601
size [# of strips]

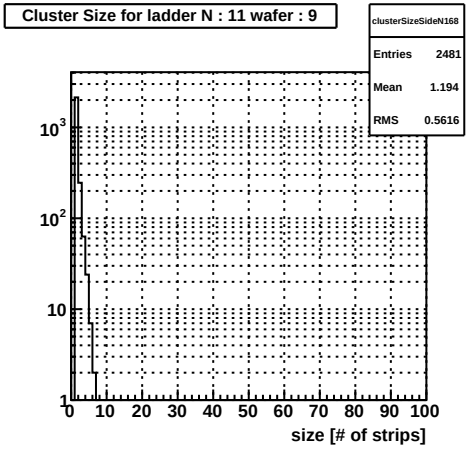

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 907
Mean 1.31
RMS 0.6853
size [# of strips]

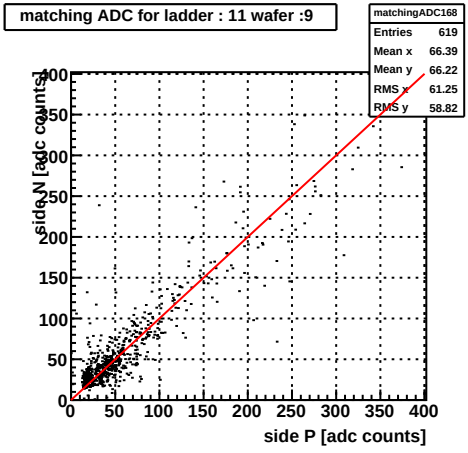

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 409
Mean x 80.05
Mean y 63.53
RMS x 64.28
RMS y 51.76
side N [adc counts]
side P [adc counts]

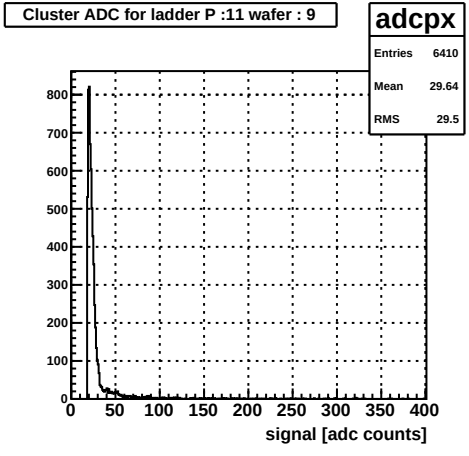

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6228
Mean 27.34
RMS 25.92
signal [adc counts]

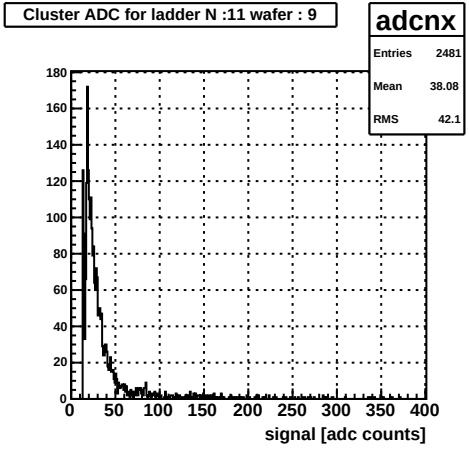

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 907
Mean 47.07
RMS 53.09
signal [adc counts]

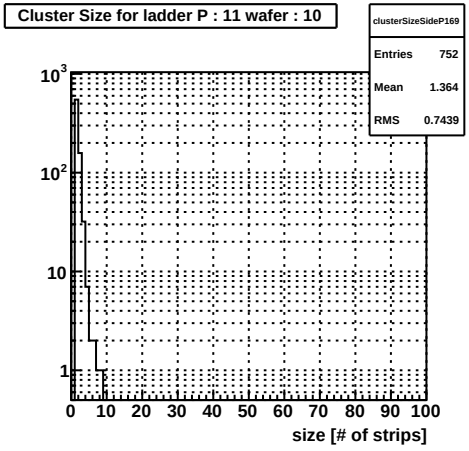

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6410
Mean 1.073
RMS 0.3285
size [# of strips]

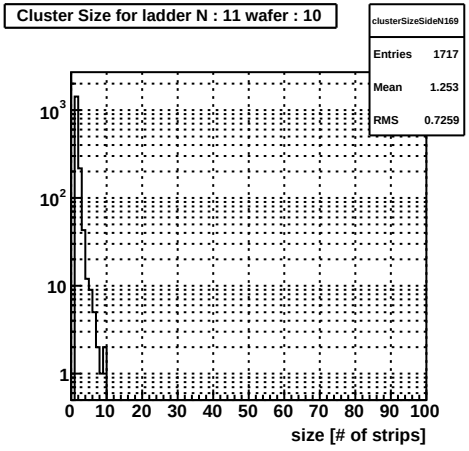

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2481
Mean 1.194
RMS 0.5616
size [# of strips]

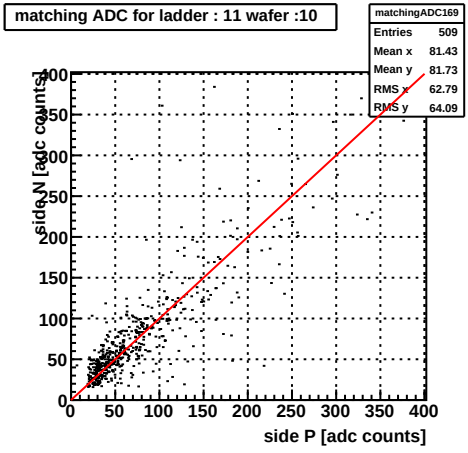

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 619
Mean x 66.39
Mean y 66.22
RMS x 61.25
RMS y 58.82
side N [adc counts]
side P [adc counts]

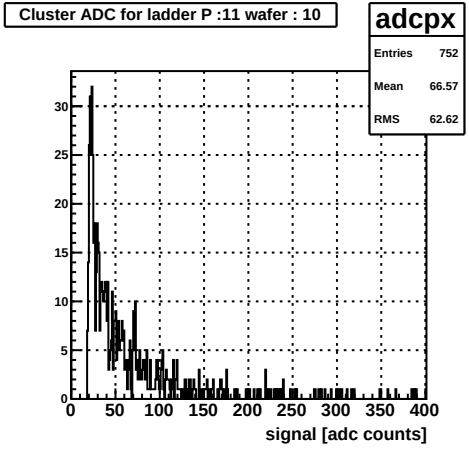

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6410
Mean 29.64
RMS 29.5
signal [adc counts]

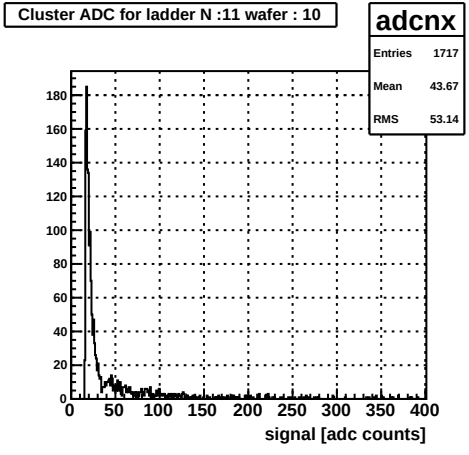

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2481
Mean 38.08
RMS 42.1
signal [adc counts]

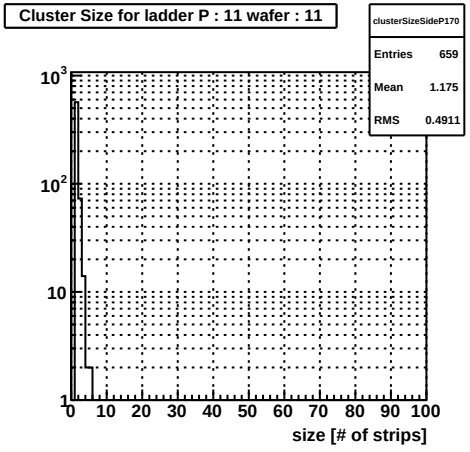

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 752
Mean 1.364
RMS 0.7439
size [# of strips]

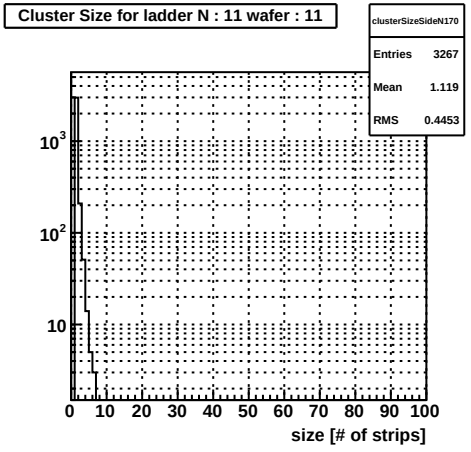

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1717
Mean 1.253
RMS 0.7259
size [# of strips]

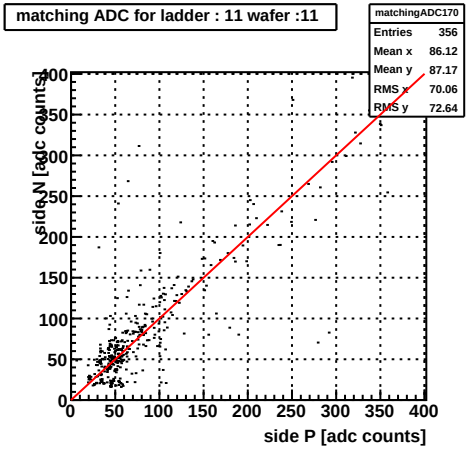

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 509
Mean x 81.43
Mean y 81.73
RMS x 62.79
RMS y 64.09
side N [adc counts]
side P [adc counts]

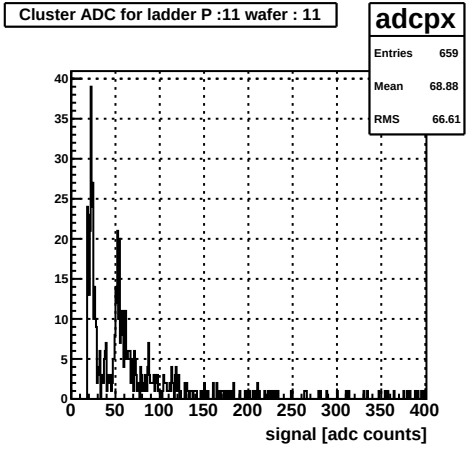

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 752
Mean 66.57
RMS 62.62
signal [adc counts]

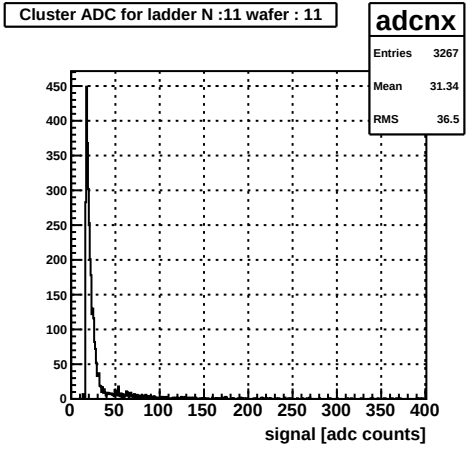

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1717
Mean 43.67
RMS 53.14
signal [adc counts]

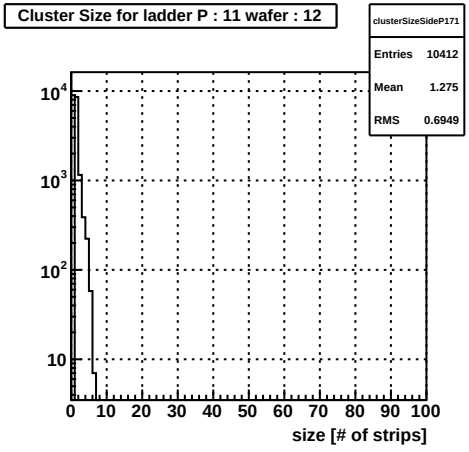

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 659
Mean 1.175
RMS 0.4911
size [# of strips]

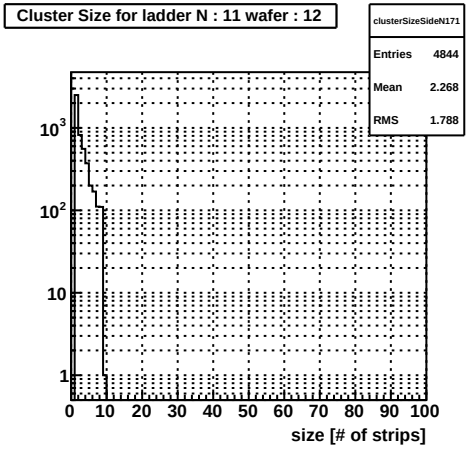

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3267
Mean 1.119
RMS 0.4453
size [# of strips]

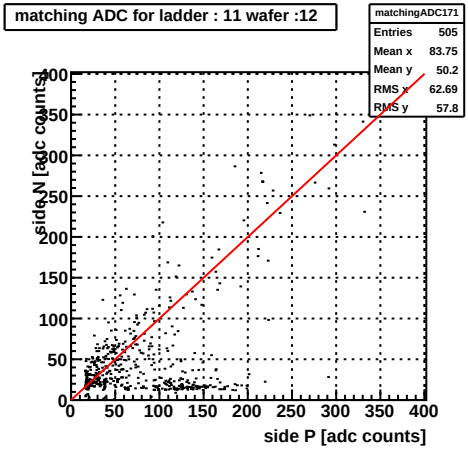

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 356
Mean x 86.12
Mean y 87.17
RMS x 70.06
RMS y 72.64
side N [adc counts]
side P [adc counts]

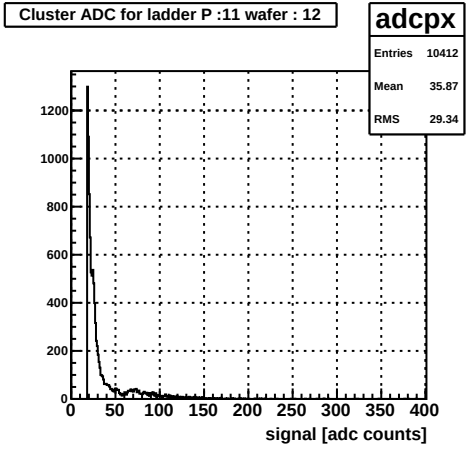

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 659
Mean 68.88
RMS 66.61
signal [adc counts]

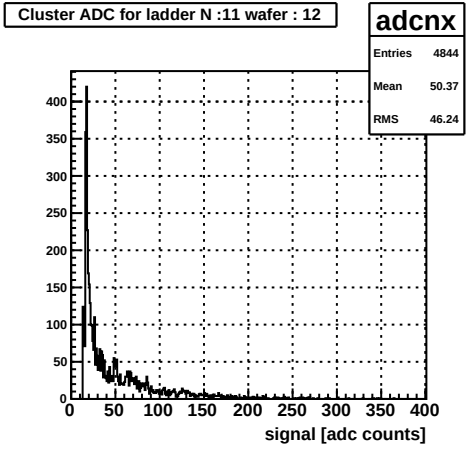

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3267
Mean 31.34
RMS 36.5
signal [adc counts]

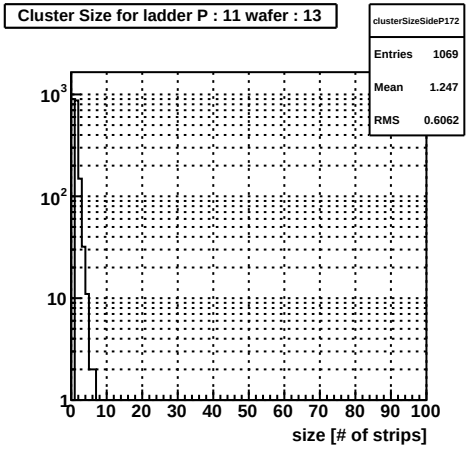

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 10412
Mean 1.275
RMS 0.6949
size [# of strips]

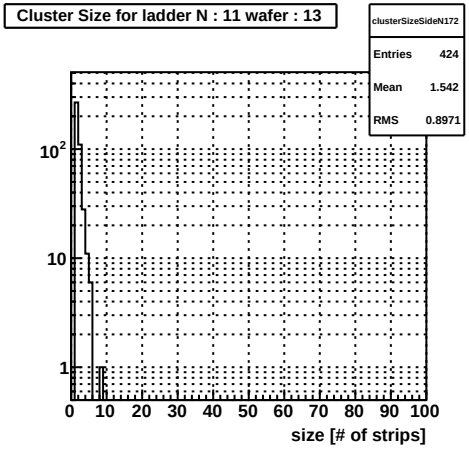

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4844
Mean 2.268
RMS 1.788
size [# of strips]

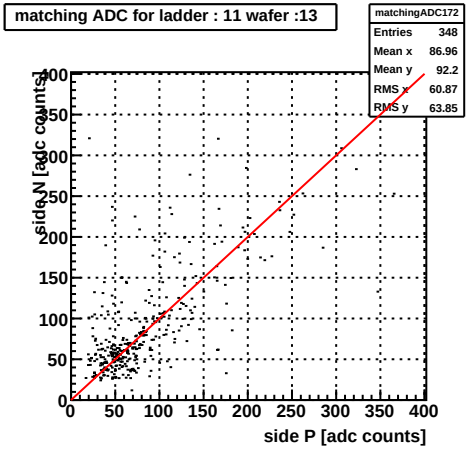

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 505
Mean x 83.75
Mean y 50.2
RMS x 62.69
RMS y 57.8
side N [adc counts]
side P [adc counts]

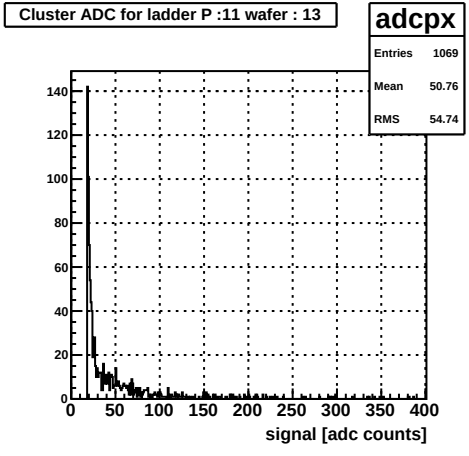

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 10412
Mean 35.87
RMS 29.34
signal [adc counts]

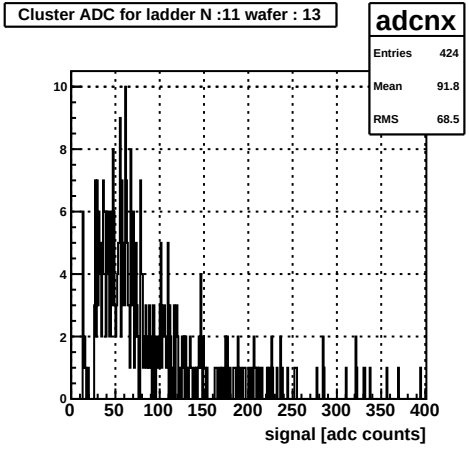

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4844
Mean 50.37
RMS 46.24
signal [adc counts]

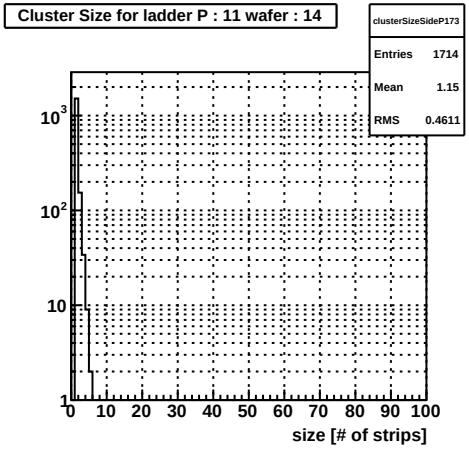

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1069
Mean 1.247
RMS 0.6062
size [# of strips]

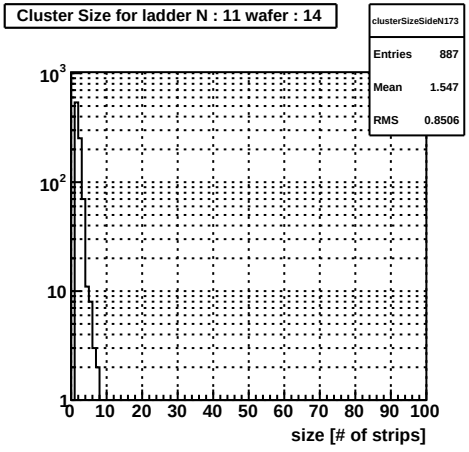

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 424
Mean 1.542
RMS 0.8971
size [# of strips]

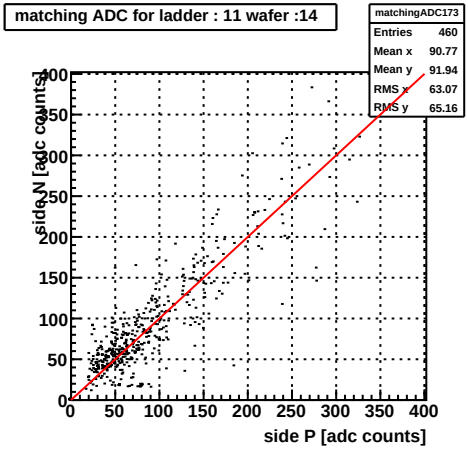

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 348
Mean x 86.96
Mean y 92.2
RMS x 60.87
RMS y 63.85
side N [adc counts]
side P [adc counts]

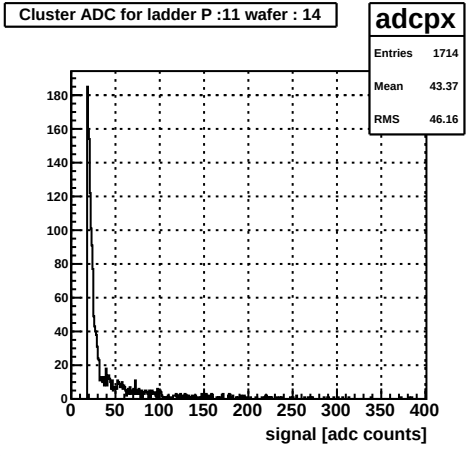

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1069
Mean 50.76
RMS 54.74
signal [adc counts]

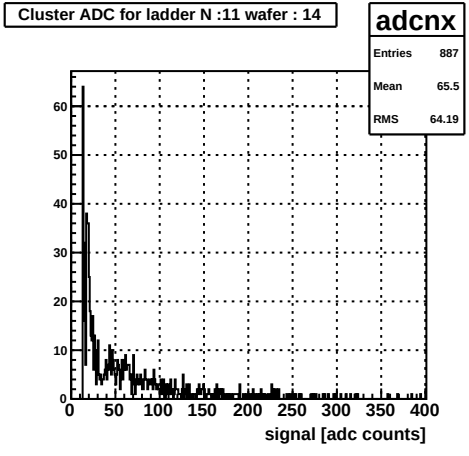

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 424
Mean 91.8
RMS 68.5
signal [adc counts]

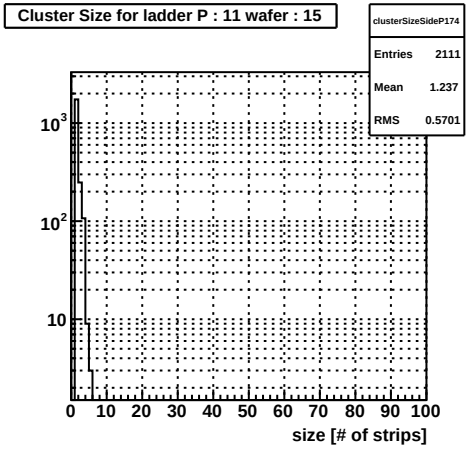

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1714
Mean 1.15
RMS 0.4611
size [# of strips]

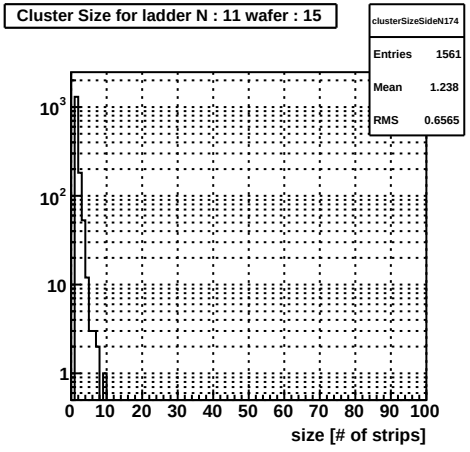

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 887
Mean 1.547
RMS 0.8506
size [# of strips]

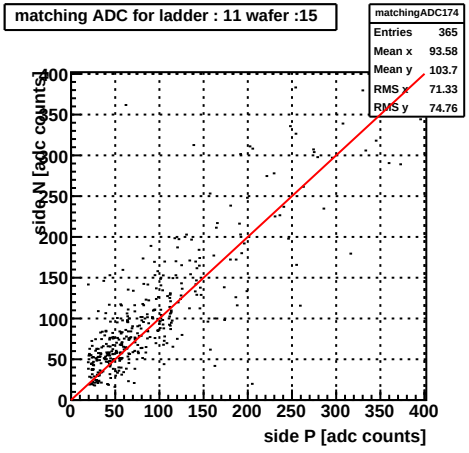

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 460
Mean x 90.77
Mean y 91.94
RMS x 63.07
RMS y 65.16
side N [adc counts]
side P [adc counts]

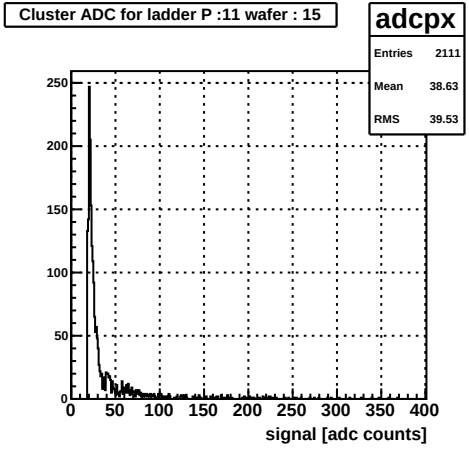

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1714
Mean 43.37
RMS 46.16
signal [adc counts]

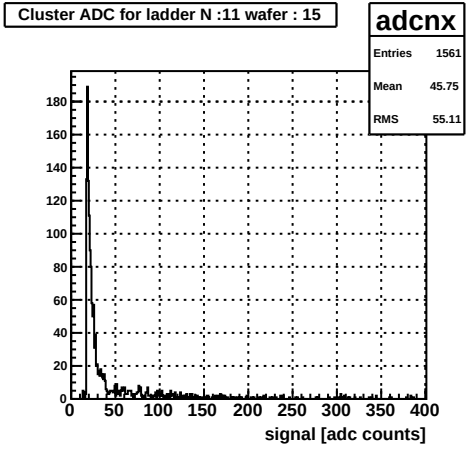

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 887
Mean 65.5
RMS 64.19
signal [adc counts]

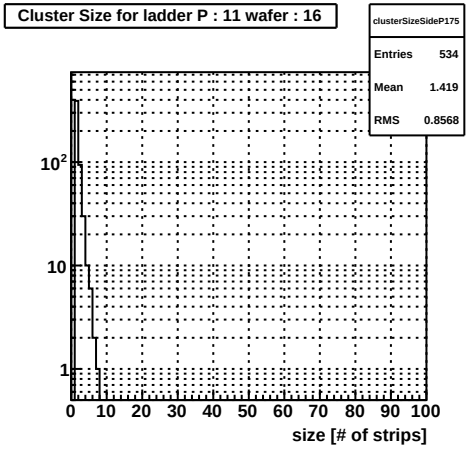

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2111
Mean 1.237
RMS 0.5701
size [# of strips]

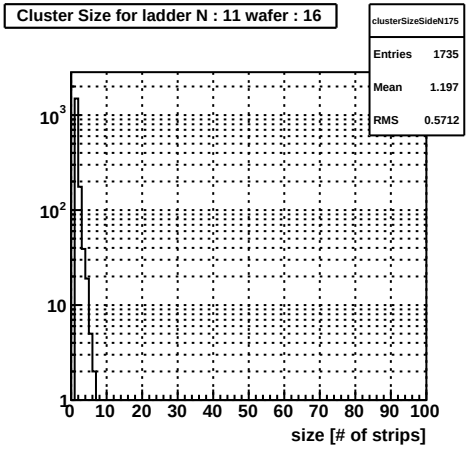

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1561
Mean 1.238
RMS 0.6565
size [# of strips]

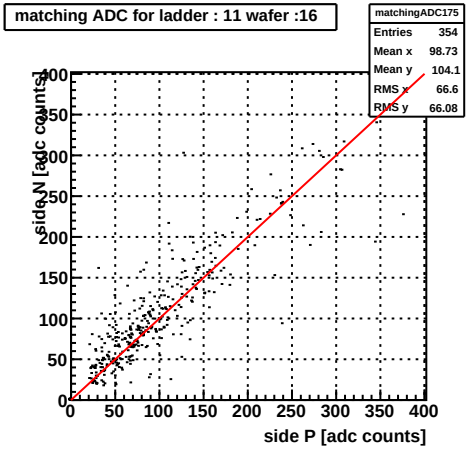

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 365
Mean x 93.58
Mean y 103.7
RMS x 71.33
RMS y 74.76
side N [adc counts]
side P [adc counts]

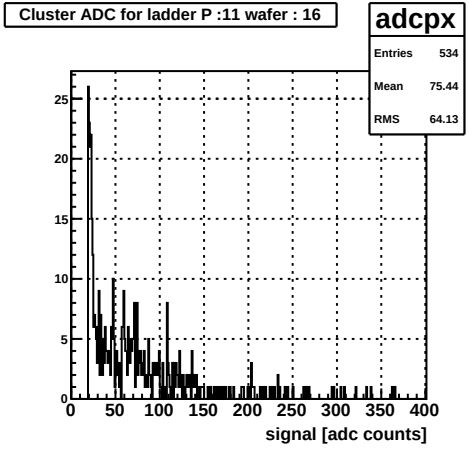

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2111
Mean 38.63
RMS 39.53
signal [adc counts]

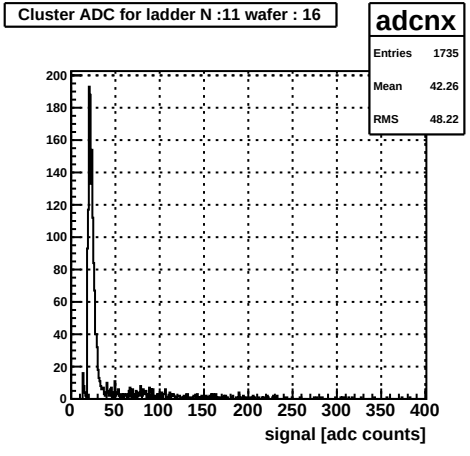

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1561
Mean 45.75
RMS 55.11
signal [adc counts]

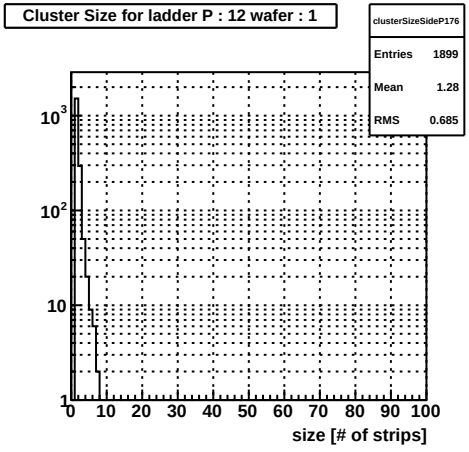

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 534
Mean 1.419
RMS 0.8568
size [# of strips]

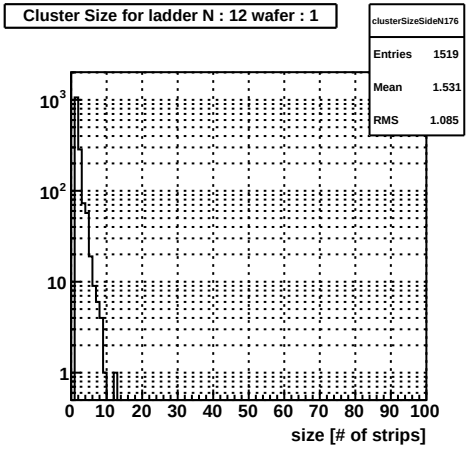

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1735
Mean 1.197
RMS 0.5712
size [# of strips]

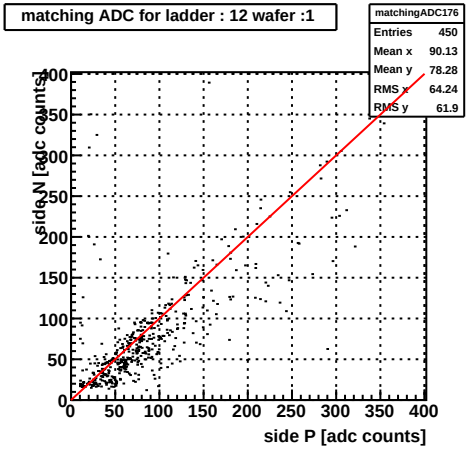

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 354
Mean x 98.73
Mean y 104.1
RMS x 66.6
RMS y 66.08
side N [adc counts]
side P [adc counts]

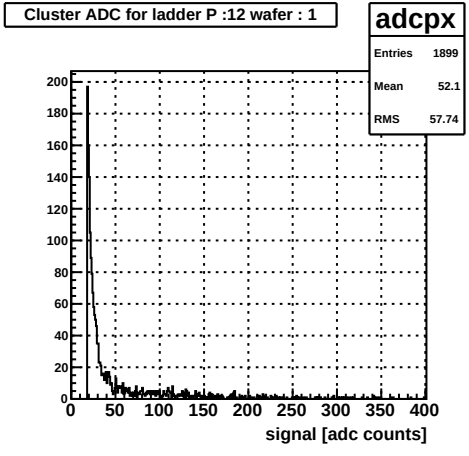

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 534
Mean 75.44
RMS 64.13
signal [adc counts]

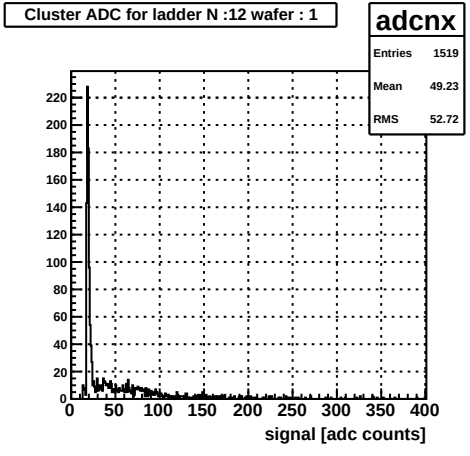

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1735
Mean 42.26
RMS 48.22
signal [adc counts]

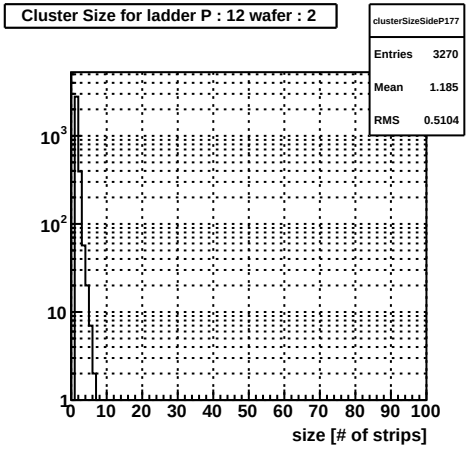

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1899
Mean 1.28
RMS 0.685
size [# of strips]

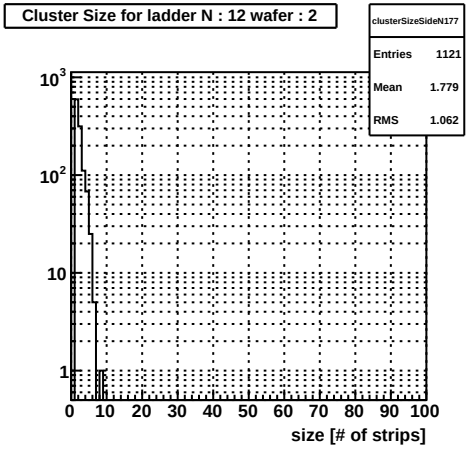

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1519
Mean 1.531
RMS 1.085
size [# of strips]

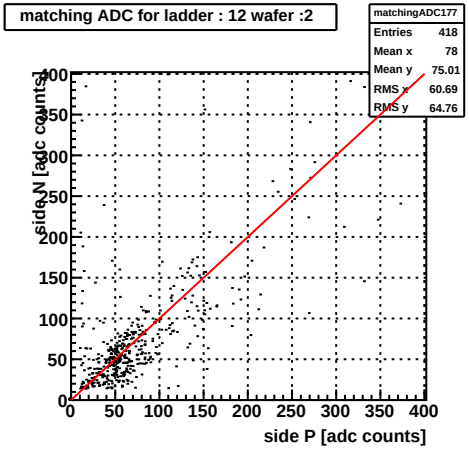

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 450
Mean x 90.13
Mean y 78.28
RMS x 64.24
RMS y 61.9
side N [adc counts]
side P [adc counts]

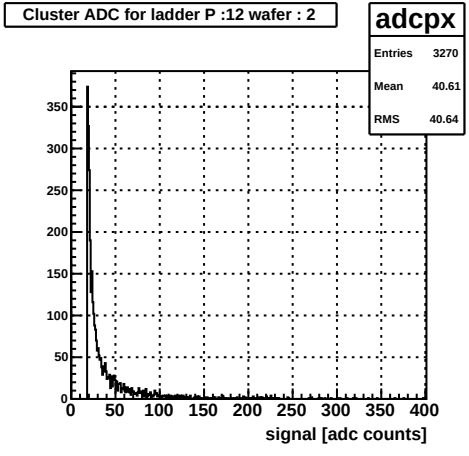

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1899
Mean 52.1
RMS 57.74
signal [adc counts]

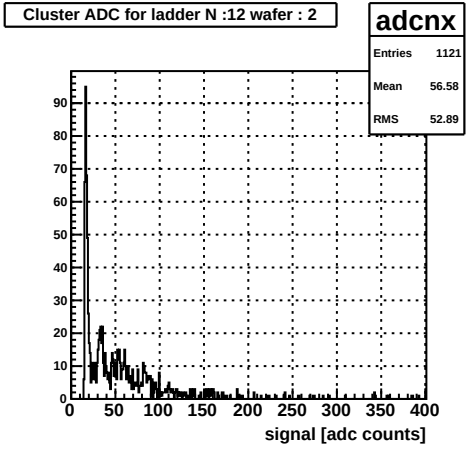

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1519
Mean 49.23
RMS 52.72
signal [adc counts]

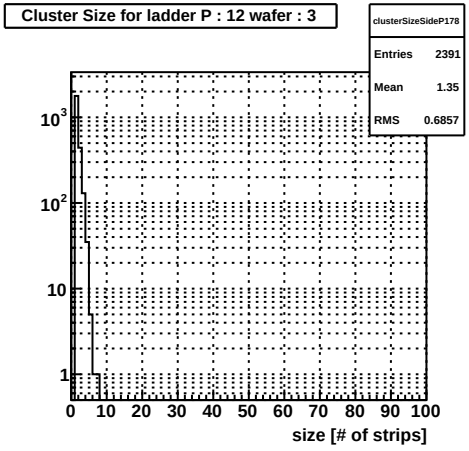

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3270
Mean 1.185
RMS 0.5104
size [# of strips]

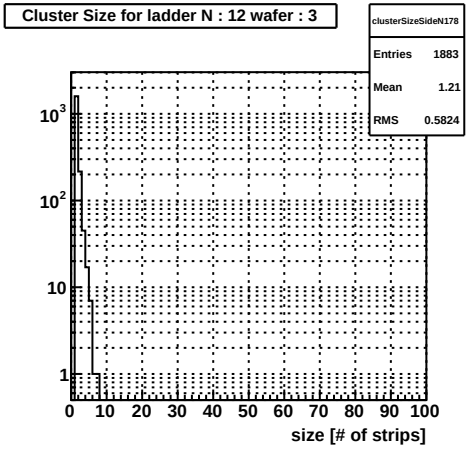

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1121
Mean 1.779
RMS 1.062
size [# of strips]

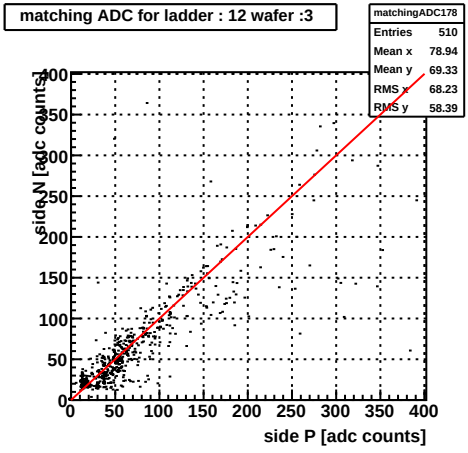

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 418
Mean x 78
Mean y 75.01
RMS x 60.69
RMS y 64.76
side N [adc counts]
side P [adc counts]

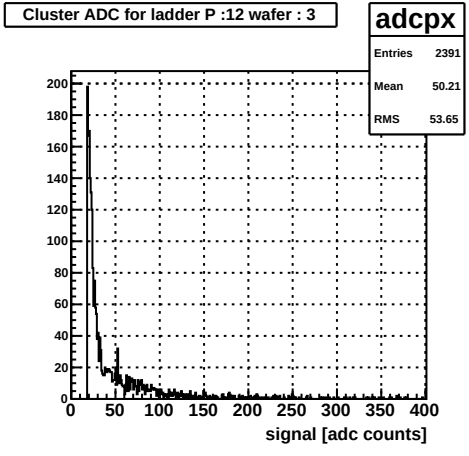

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3270
Mean 40.61
RMS 40.64
signal [adc counts]

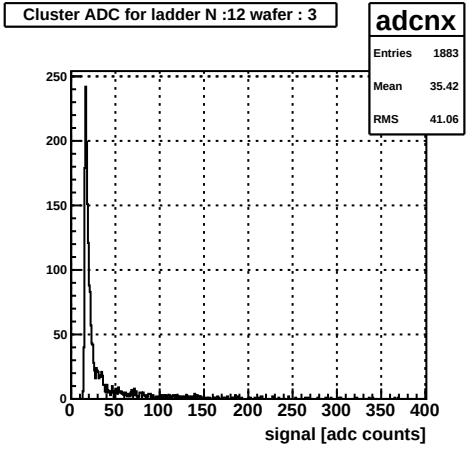

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1121
Mean 56.58
RMS 52.89
signal [adc counts]

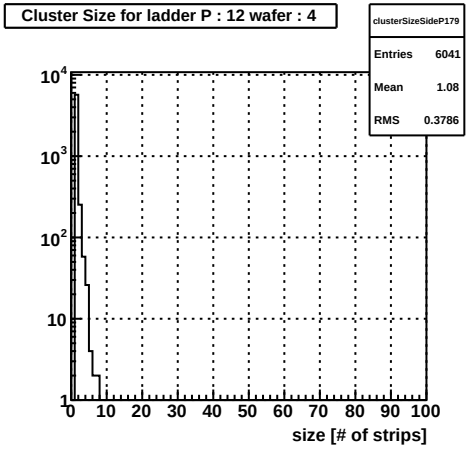

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2391
Mean 1.35
RMS 0.6857
size [# of strips]

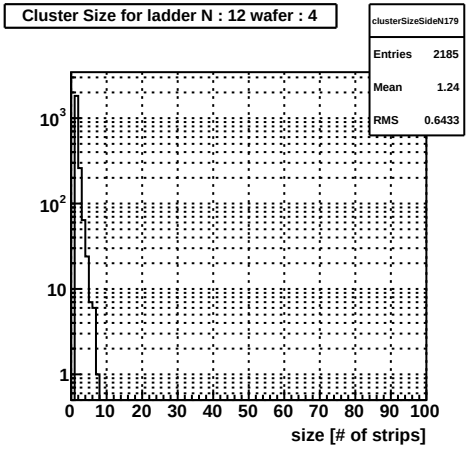

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1883
Mean 1.21
RMS 0.5824
size [# of strips]

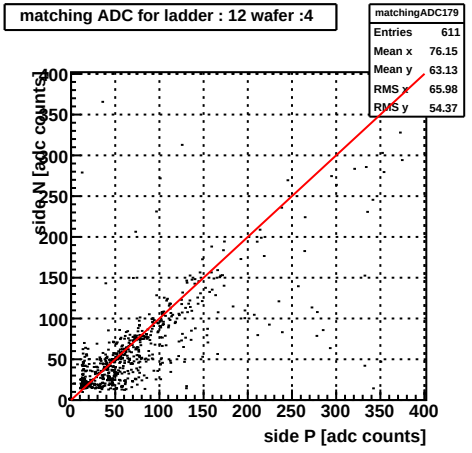

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 510
Mean x 78.94
Mean y 69.33
RMS x 68.23
RMS y 58.39
side N [adc counts]
side P [adc counts]

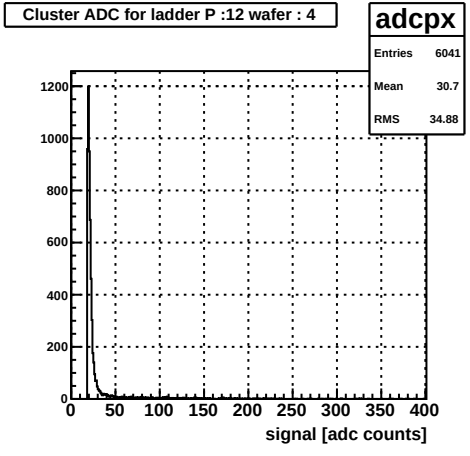

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2391
Mean 50.21
RMS 53.65
signal [adc counts]

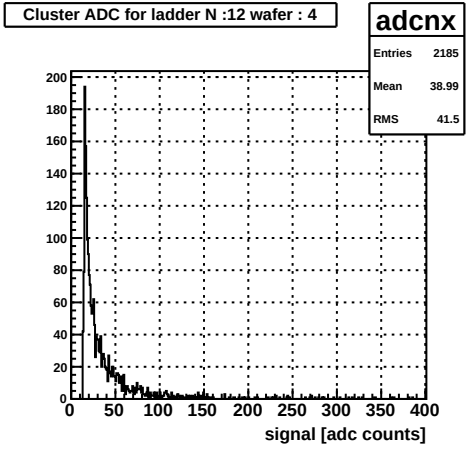

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1883
Mean 35.42
RMS 41.06
signal [adc counts]

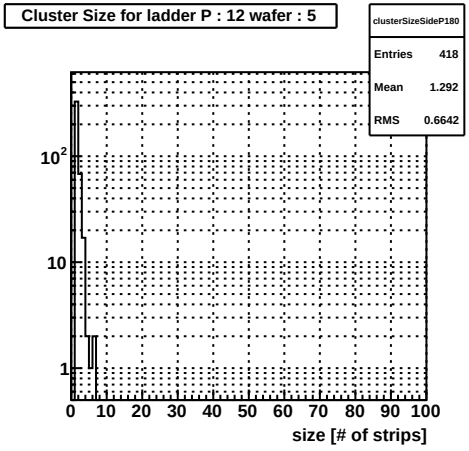

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6041
Mean 1.08
RMS 0.3786
size [# of strips]

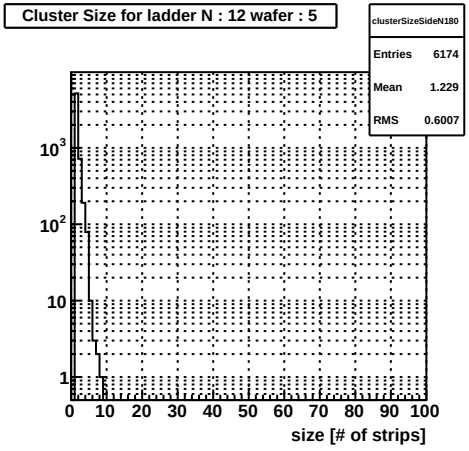

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2185
Mean 1.24
RMS 0.6433
size [# of strips]

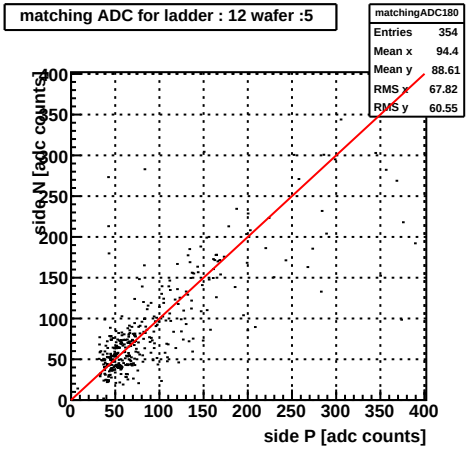

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 611
Mean x 76.15
Mean y 63.13
RMS x 65.98
RMS y 54.37
side N [adc counts]
side P [adc counts]

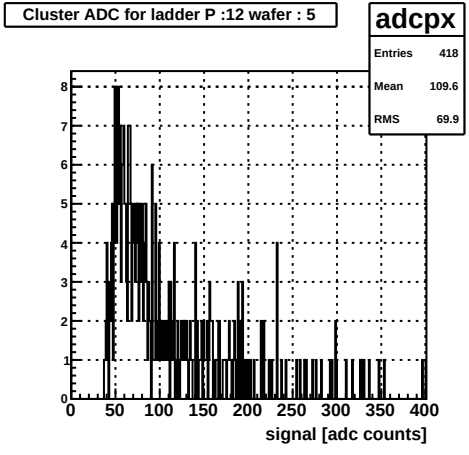

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6041
Mean 30.7
RMS 34.88
signal [adc counts]

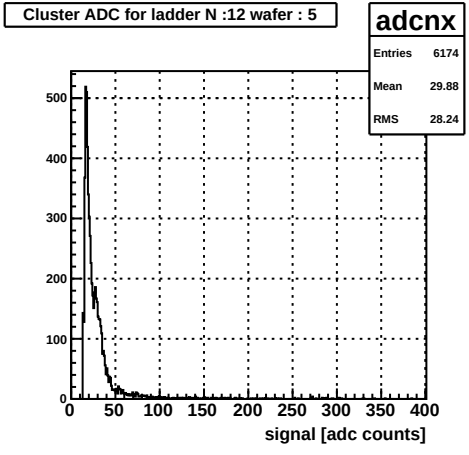

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2185
Mean 38.99
RMS 41.5
signal [adc counts]

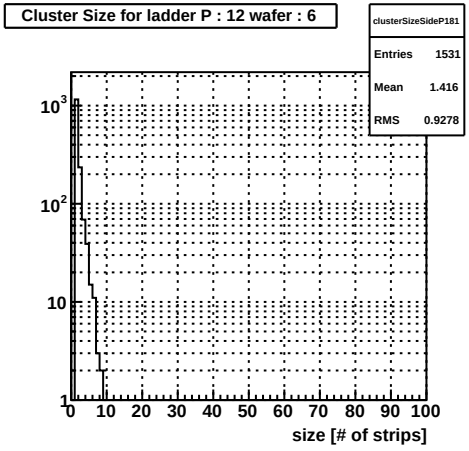

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 418
Mean 1.292
RMS 0.6642
size [# of strips]

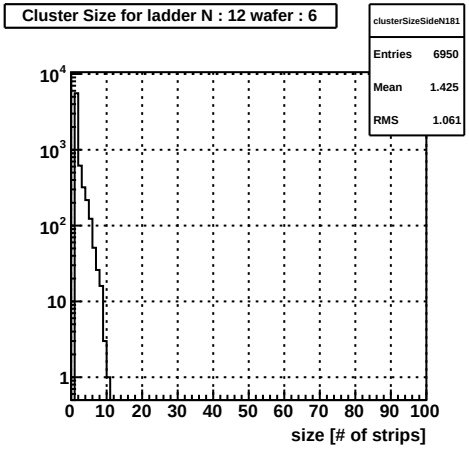

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6174
Mean 1.229
RMS 0.6007
size [# of strips]

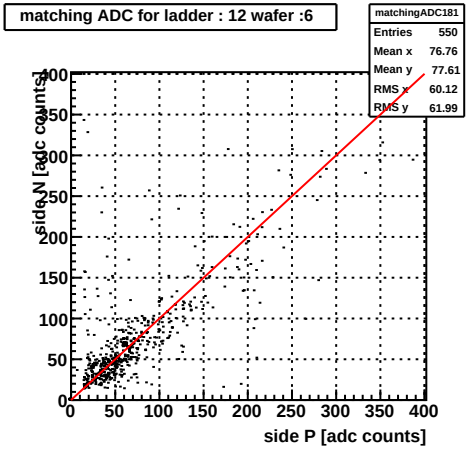

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 354
Mean x 94.4
Mean y 88.61
RMS x 67.82
RMS y 60.55
side N [adc counts]
side P [adc counts]

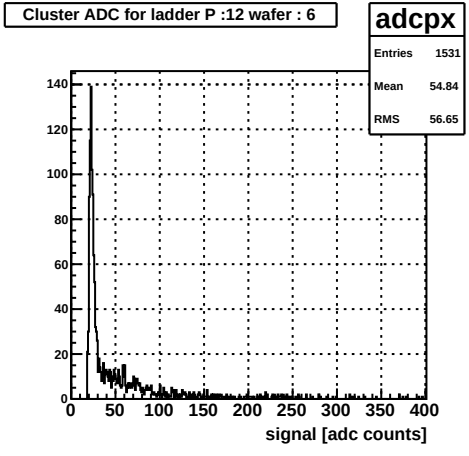

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 418
Mean 109.6
RMS 69.9
signal [adc counts]

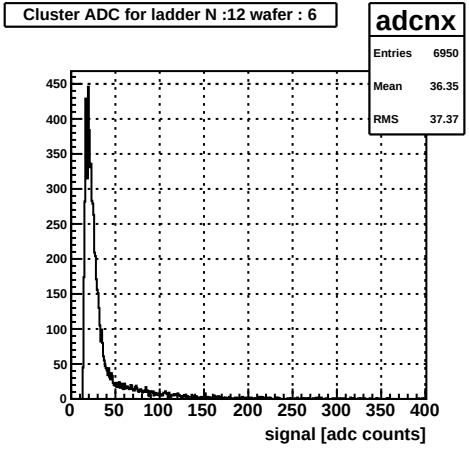

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6174
Mean 29.88
RMS 28.24
signal [adc counts]

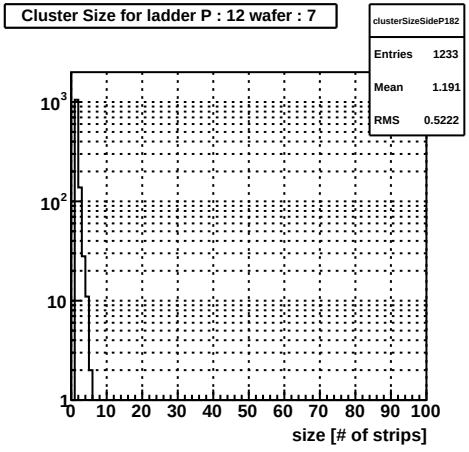

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1531
Mean 1.416
RMS 0.9278
size [# of strips]

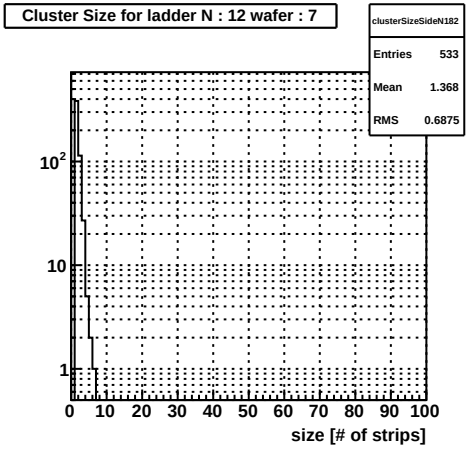

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6950
Mean 1.425
RMS 1.061
size [# of strips]

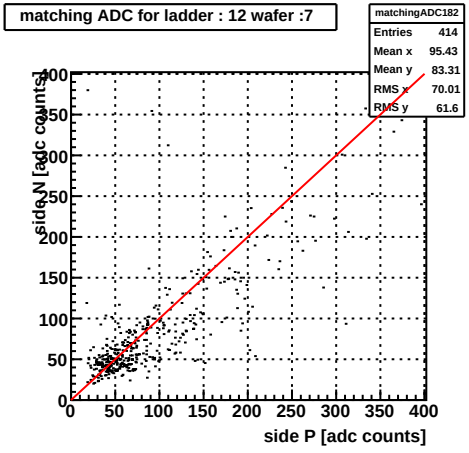

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 550
Mean x 76.76
Mean y 77.61
RMS x 60.12
RMS y 61.99
side N [adc counts]
side P [adc counts]

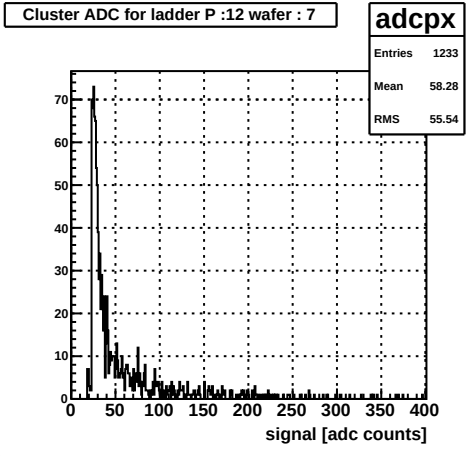

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1531
Mean 54.84
RMS 56.65
signal [adc counts]

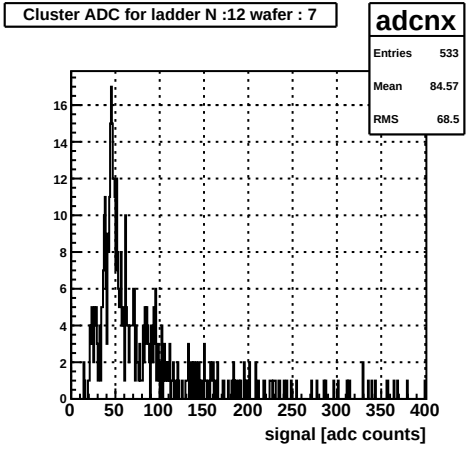

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6950
Mean 36.35
RMS 37.37
signal [adc counts]

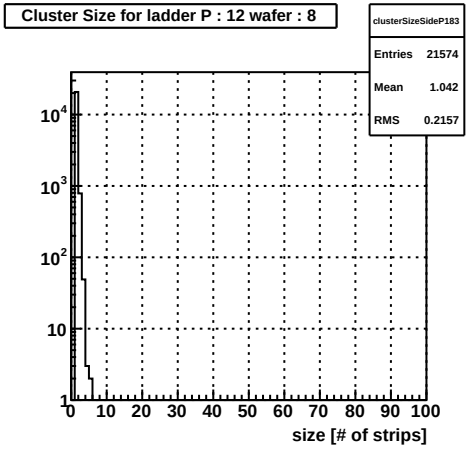

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1233
Mean 1.191
RMS 0.5222
size [# of strips]

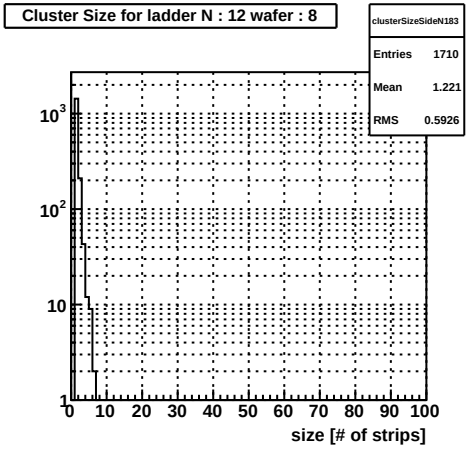

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 533
Mean 1.368
RMS 0.6875
size [# of strips]

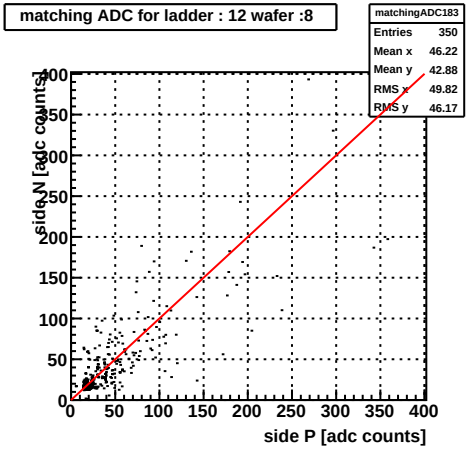

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 414
Mean x 95.43
Mean y 83.31
RMS x 70.01
RMS y 61.6
side N [adc counts]
side P [adc counts]

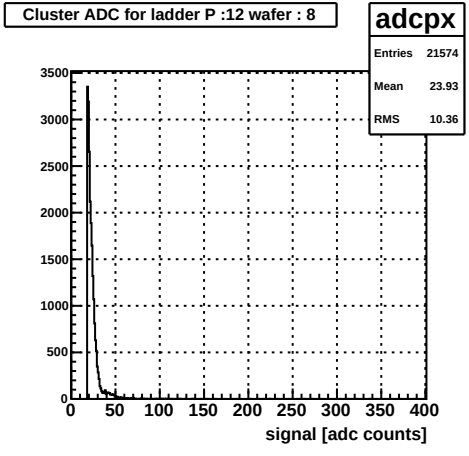

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1233
Mean 58.28
RMS 55.54
signal [adc counts]

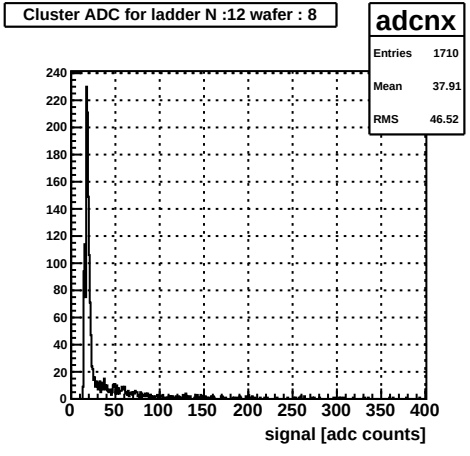

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 533
Mean 84.57
RMS 68.5
signal [adc counts]

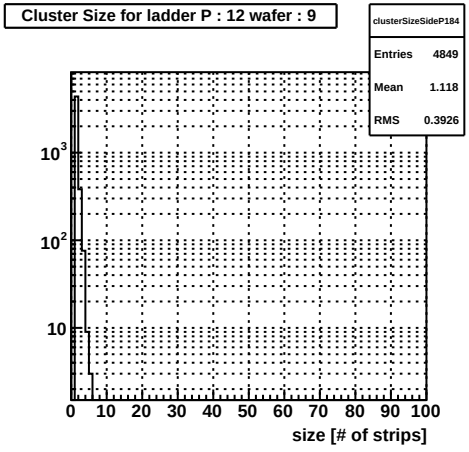

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21574
Mean 1.042
RMS 0.2157
size [# of strips]

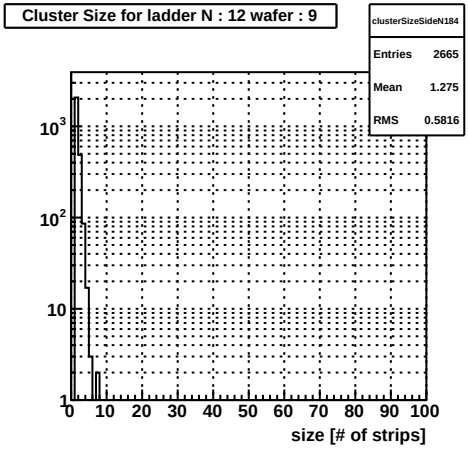

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1710
Mean 1.221
RMS 0.5926
size [# of strips]

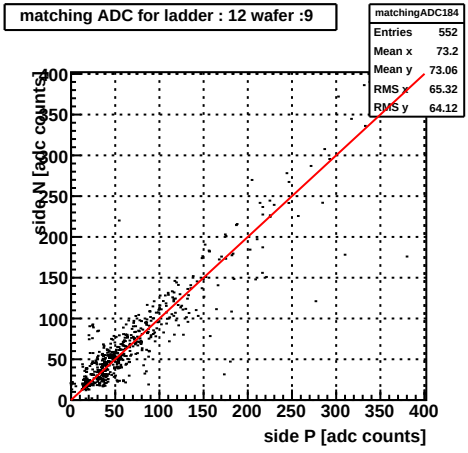

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 350
Mean x 46.22
Mean y 42.88
RMS x 49.82
RMS y 46.17
side N [adc counts]
side P [adc counts]

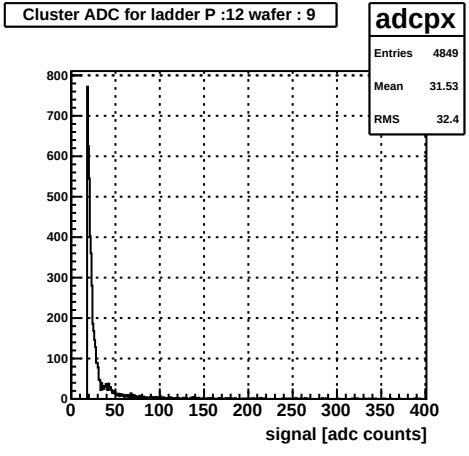

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21574
Mean 23.93
RMS 10.36
signal [adc counts]

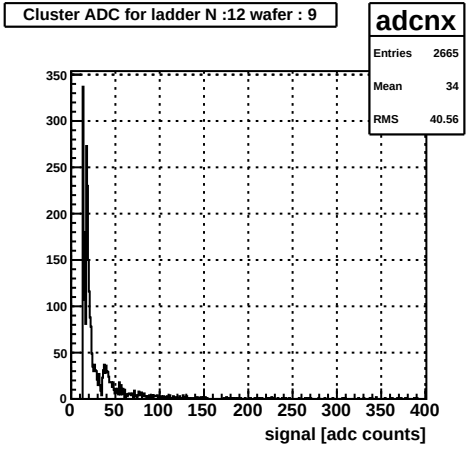

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1710
Mean 37.91
RMS 46.52
signal [adc counts]

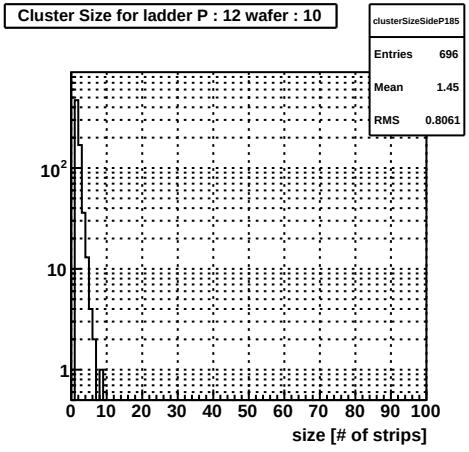

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4849
Mean 1.118
RMS 0.3926
size [# of strips]

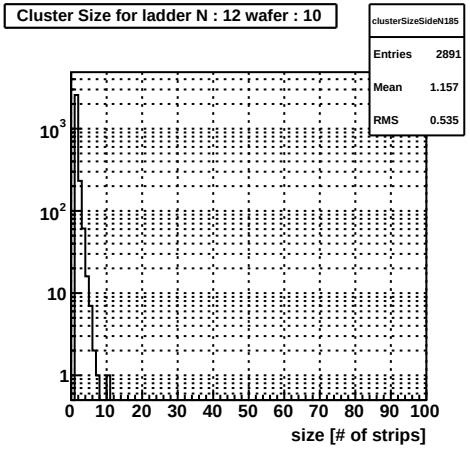

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2665
Mean 1.275
RMS 0.5816
size [# of strips]

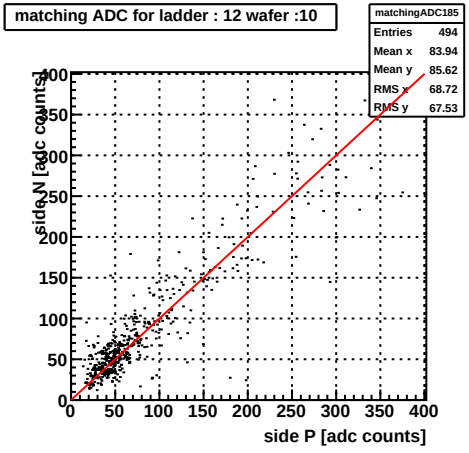

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 552
Mean x 73.2
Mean y 73.06
RMS x 65.32
RMS y 64.12
side N [adc counts]
side P [adc counts]

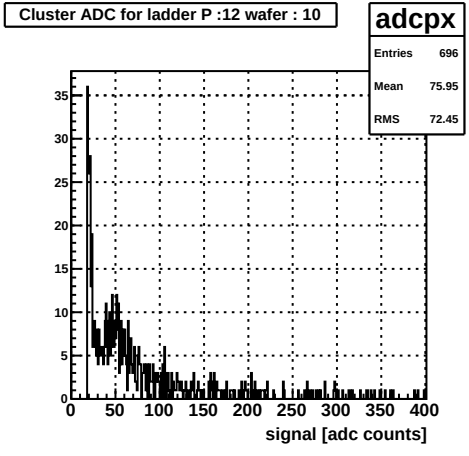

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4849
Mean 31.53
RMS 32.4
signal [adc counts]

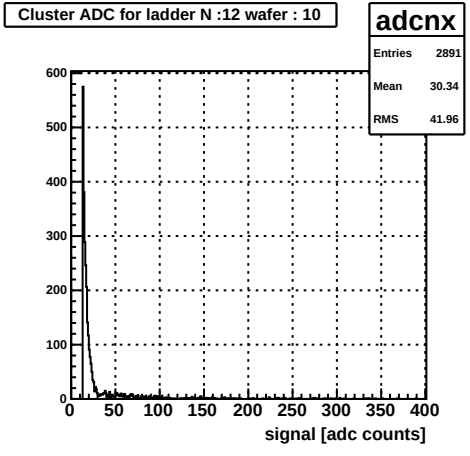

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2665
Mean 34
RMS 40.56
signal [adc counts]

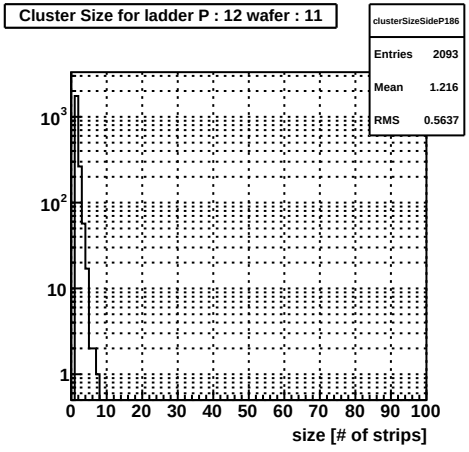

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 696
Mean 1.45
RMS 0.8061
size [# of strips]

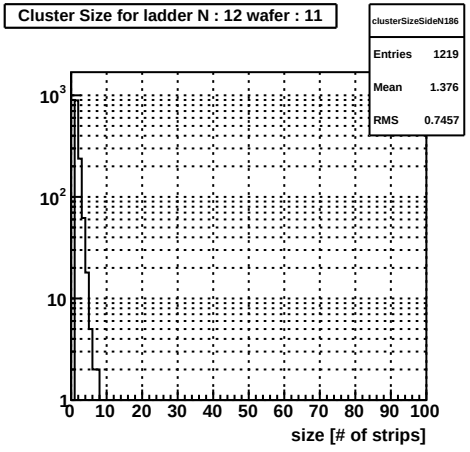

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2891
Mean 1.157
RMS 0.535
size [# of strips]

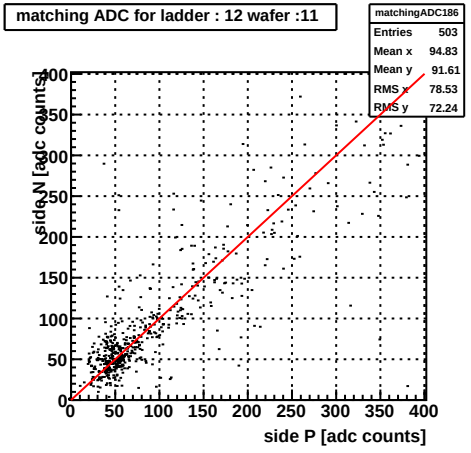

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 494
Mean x 83.94
Mean y 85.62
RMS x 68.72
RMS y 67.53
side N [adc counts]
side P [adc counts]

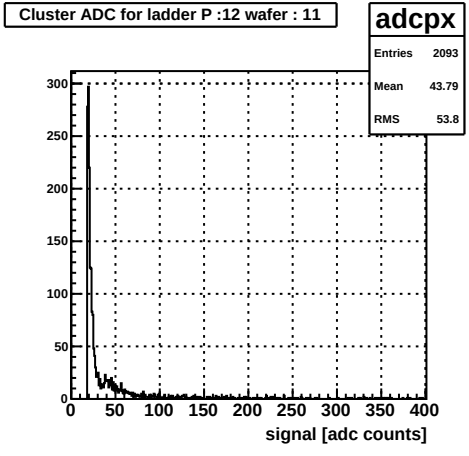

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 696
Mean 75.95
RMS 72.45
signal [adc counts]

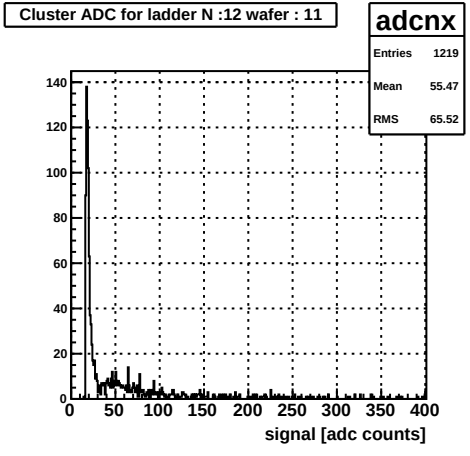

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2891
Mean 30.34
RMS 41.96
signal [adc counts]

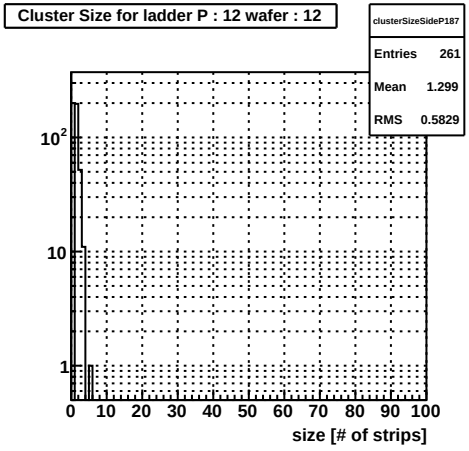

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2093
Mean 1.216
RMS 0.5637
size [# of strips]

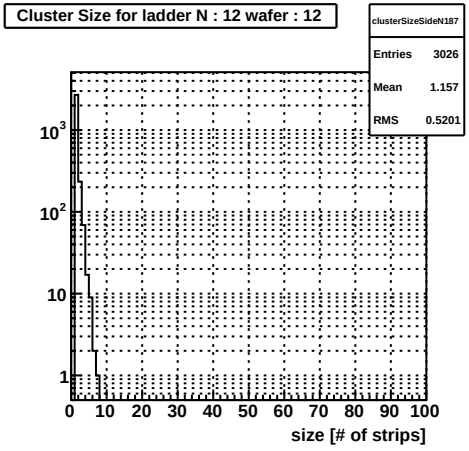

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1219
Mean 1.376
RMS 0.7457
size [# of strips]

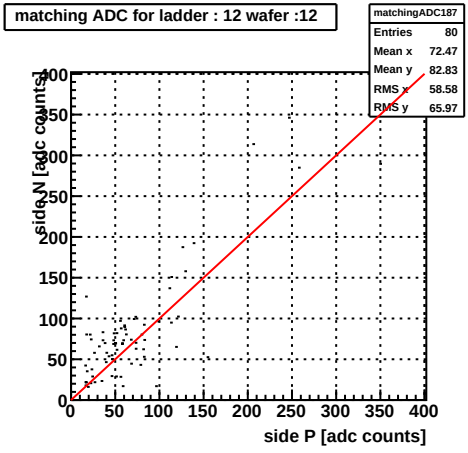

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 503
Mean x 94.83
Mean y 91.61
RMS x 78.53
RMS y 72.24
side N [adc counts]
side P [adc counts]

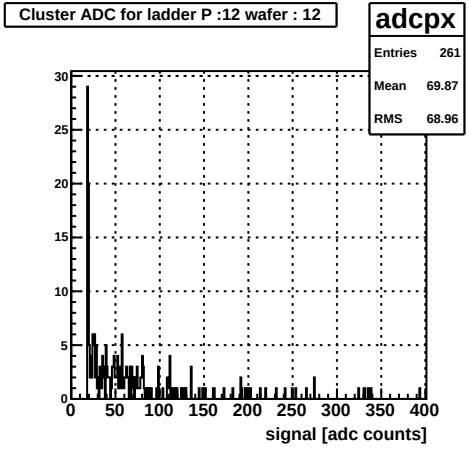

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2093
Mean 43.79
RMS 53.8
signal [adc counts]

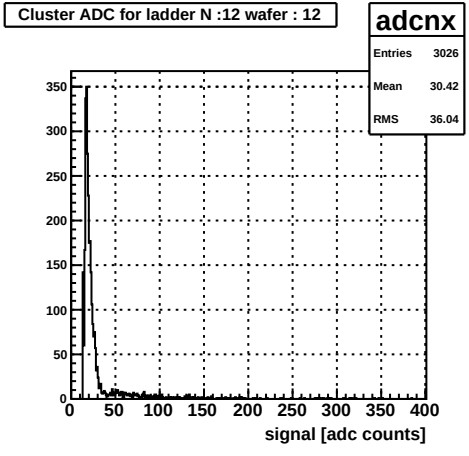

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1219
Mean 55.47
RMS 65.52
signal [adc counts]

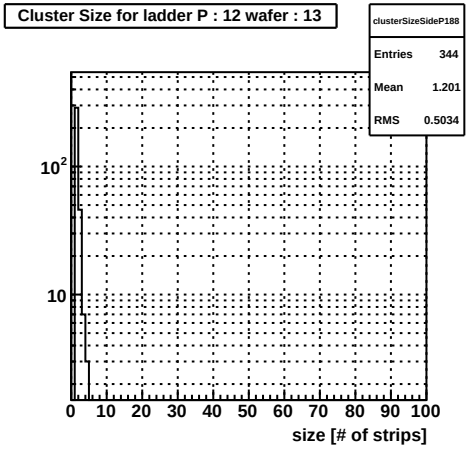

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 261
Mean 1.299
RMS 0.5829
size [# of strips]

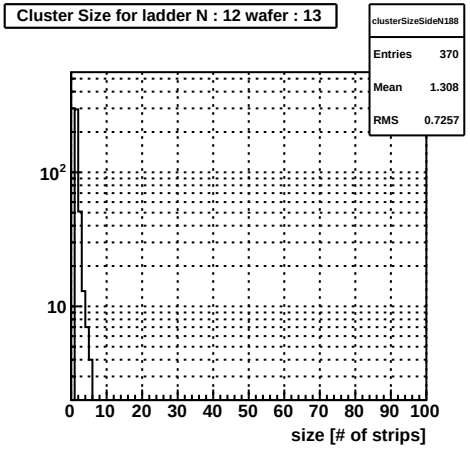

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3026
Mean 1.157
RMS 0.5201
size [# of strips]

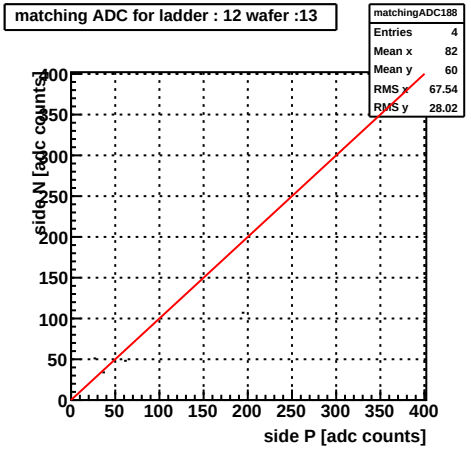

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 80
Mean x 72.47
Mean y 82.83
RMS x 58.58
RMS y 65.97
side N [adc counts]
side P [adc counts]

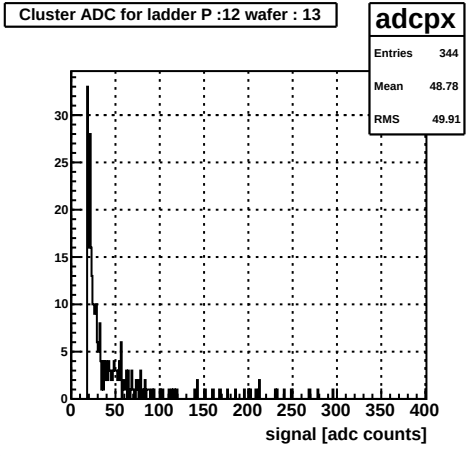

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 261
Mean 69.87
RMS 68.96
signal [adc counts]

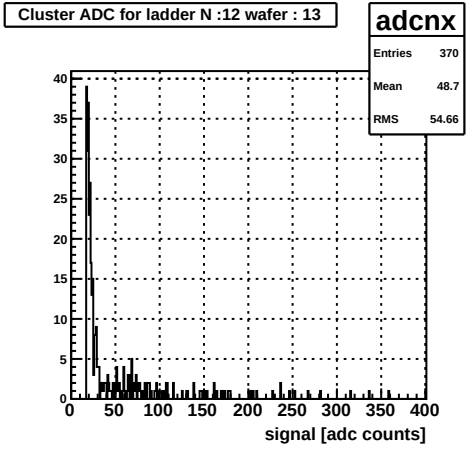

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3026
Mean 30.42
RMS 36.04
signal [adc counts]

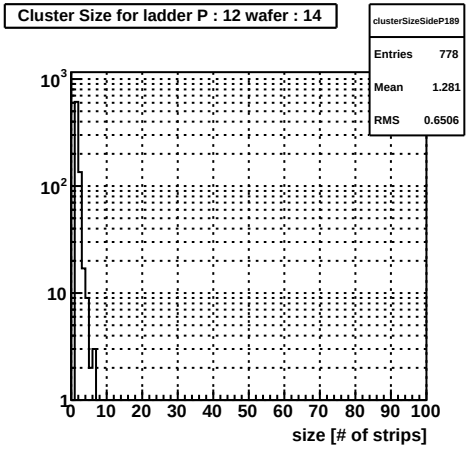

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 344
Mean 1.201
RMS 0.5034
size [# of strips]

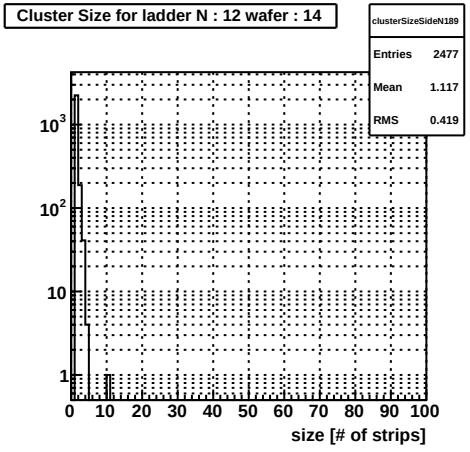

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 370
Mean 1.308
RMS 0.7257
size [# of strips]

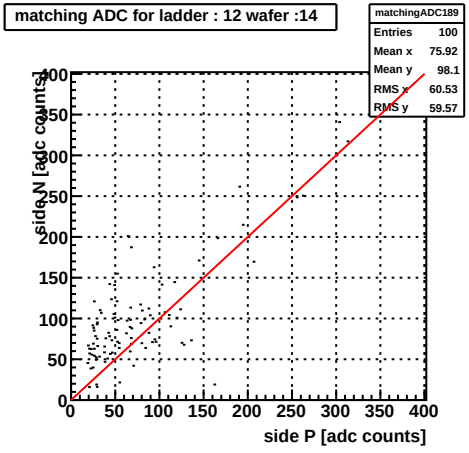

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 4
Mean x 82
Mean y 60
RMS x 67.54
RMS y 28.02
side N [adc counts]
side P [adc counts]

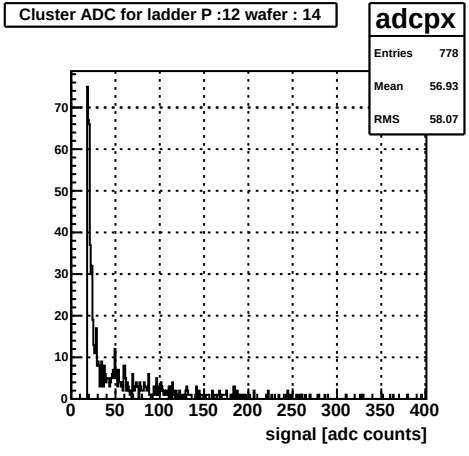

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 344
Mean 48.78
RMS 49.91
signal [adc counts]

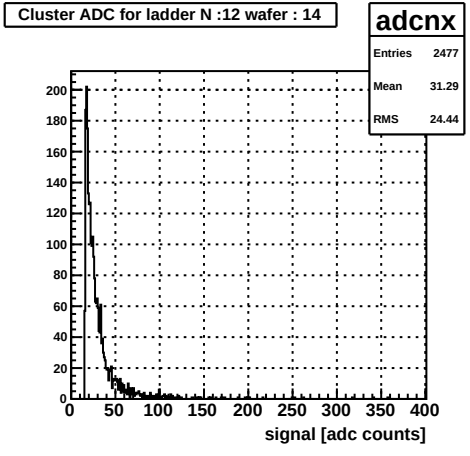

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 370
Mean 48.7
RMS 54.66
signal [adc counts]

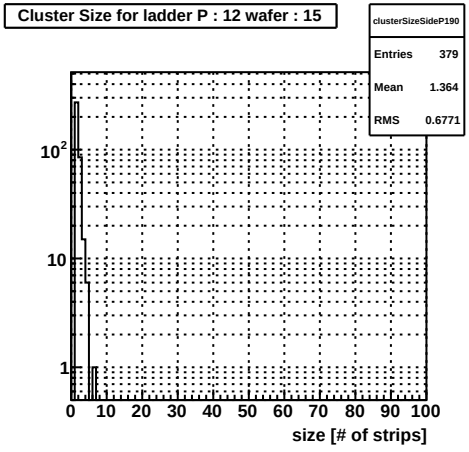

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 778
Mean 1.281
RMS 0.6506
size [# of strips]

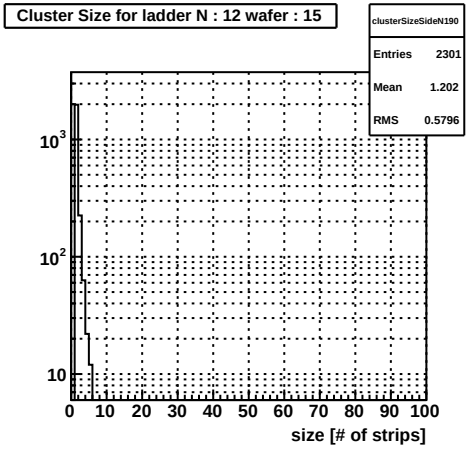

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2477
Mean 1.117
RMS 0.419
size [# of strips]

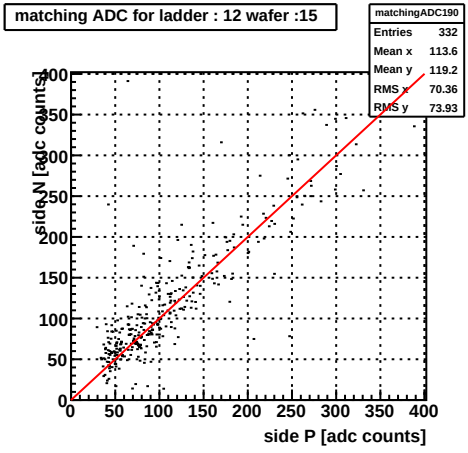

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 100
Mean x 75.92
Mean y 98.1
RMS x 60.53
RMS y 59.57
side N [adc counts]
side P [adc counts]

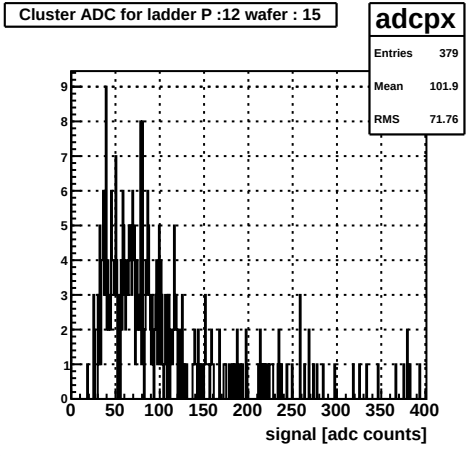

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 778
Mean 56.93
RMS 58.07
signal [adc counts]

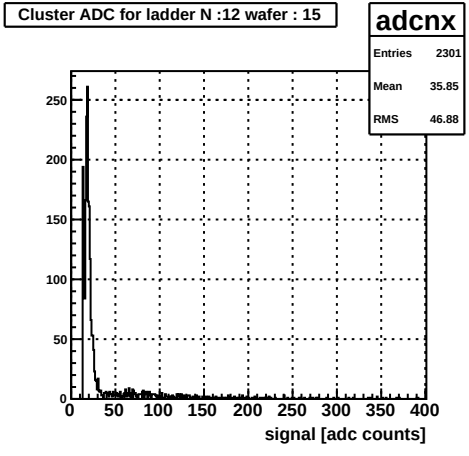

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2477
Mean 31.29
RMS 24.44
signal [adc counts]

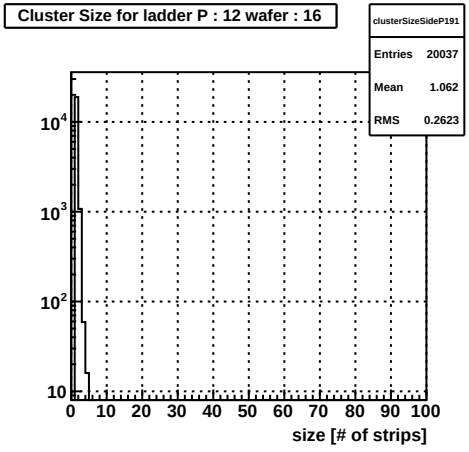

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 379
Mean 1.364
RMS 0.6771
size [# of strips]

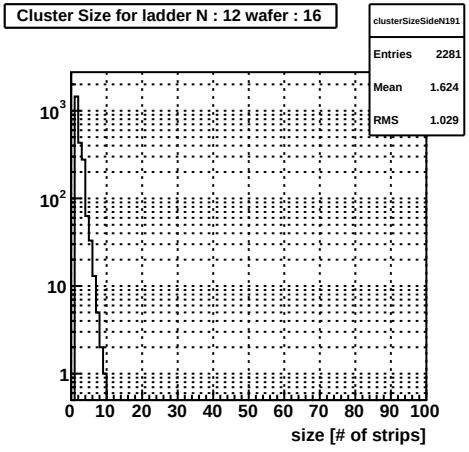

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2301
Mean 1.202
RMS 0.5796
size [# of strips]

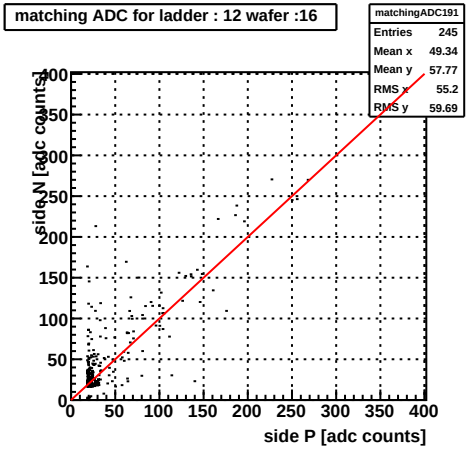

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 332
Mean x 113.6
Mean y 119.2
RMS x 70.36
RMS y 73.93
side N [adc counts]
side P [adc counts]

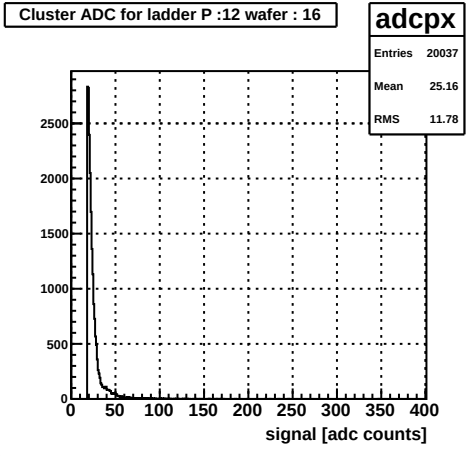

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 379
Mean 101.9
RMS 71.76
signal [adc counts]

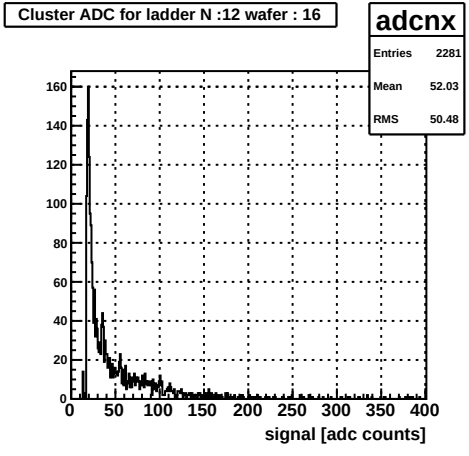

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2301
Mean 35.85
RMS 46.88
signal [adc counts]

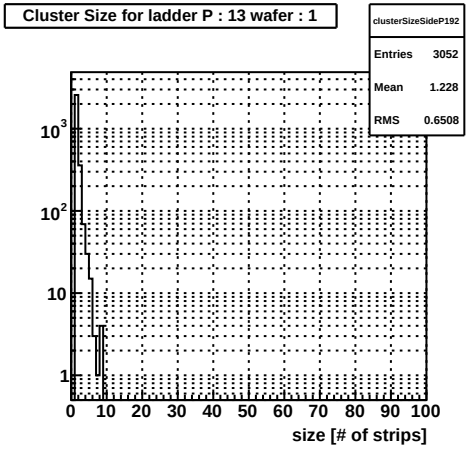

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 20037
Mean 1.062
RMS 0.2623
size [# of strips]

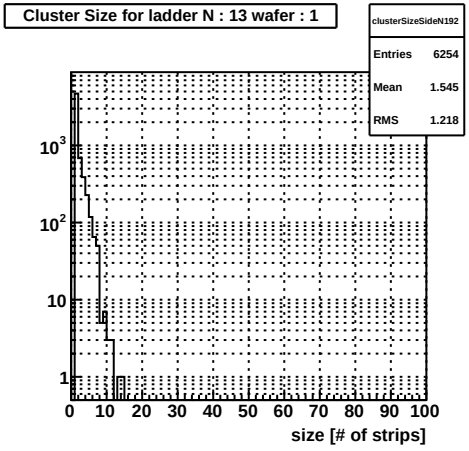

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2281
Mean 1.624
RMS 1.029
size [# of strips]

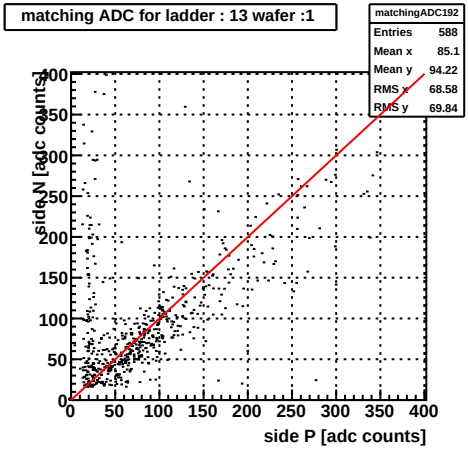

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 245
Mean x 49.34
Mean y 57.77
RMS x 55.2
RMS y 59.69
side N [adc counts]
side P [adc counts]

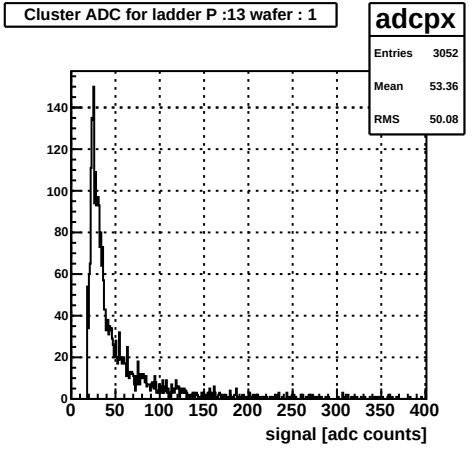

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 20037
Mean 25.16
RMS 11.78
signal [adc counts]

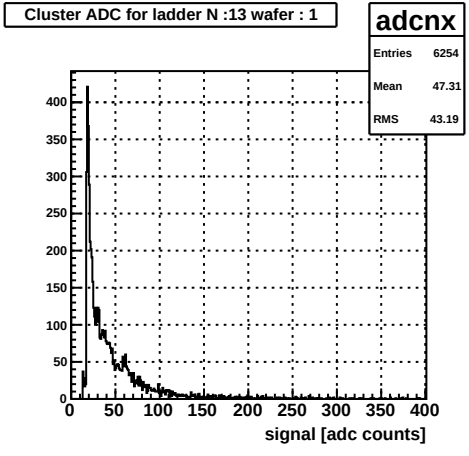

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2281
Mean 52.03
RMS 50.48
signal [adc counts]

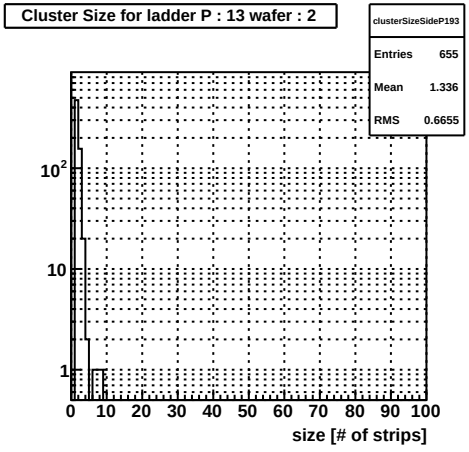

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 3052
Mean 1.228
RMS 0.6508
size [# of strips]

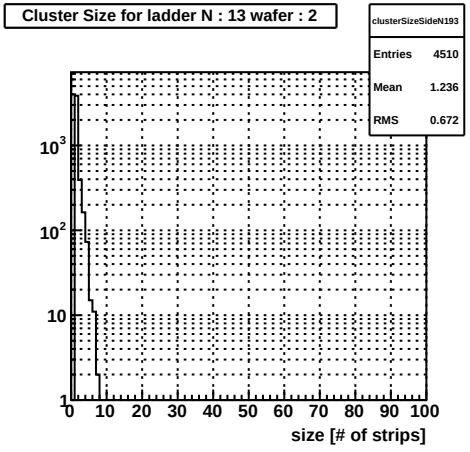

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 6254
Mean 1.545
RMS 1.218
size [# of strips]

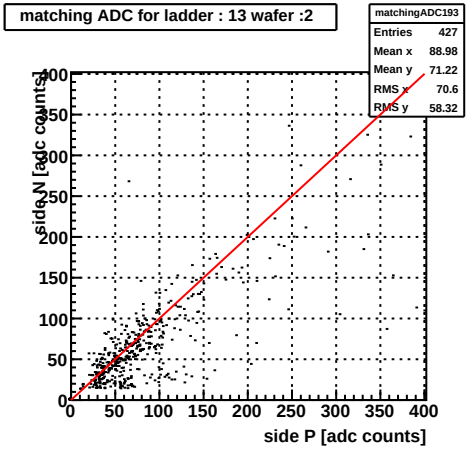

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 588
Mean x 85.1
Mean y 94.22
RMS x 68.58
RMS y 69.84
side N [adc counts]
side P [adc counts]

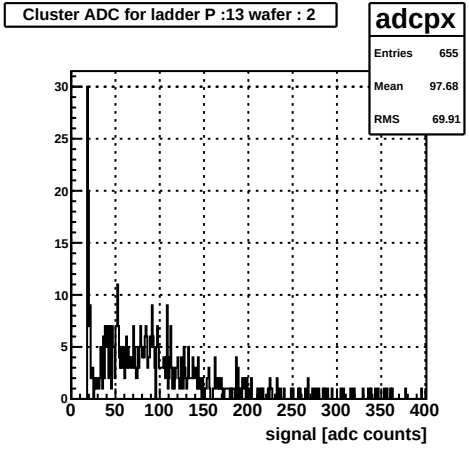

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 3052
Mean 53.36
RMS 50.08
signal [adc counts]

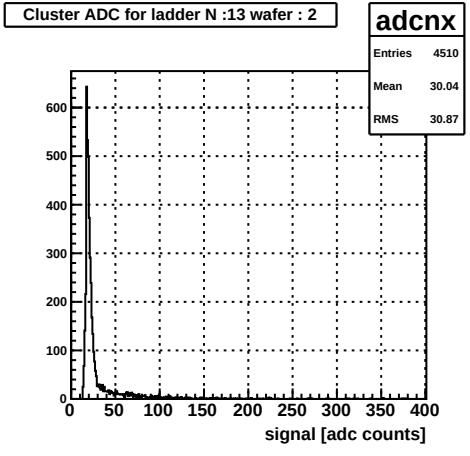

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 6254
Mean 47.31
RMS 43.19
signal [adc counts]

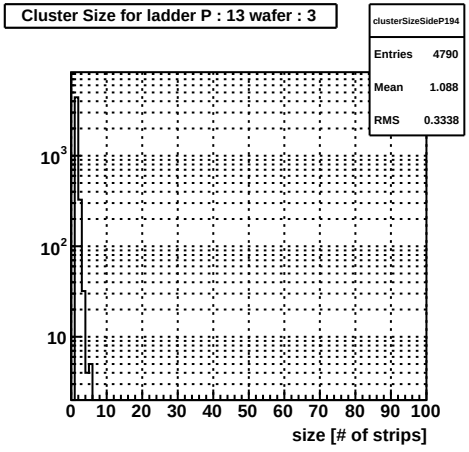

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 655
Mean 1.336
RMS 0.6655
size [# of strips]

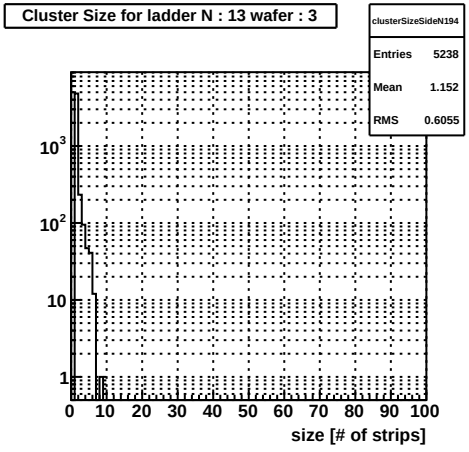

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4510
Mean 1.236
RMS 0.672
size [# of strips]

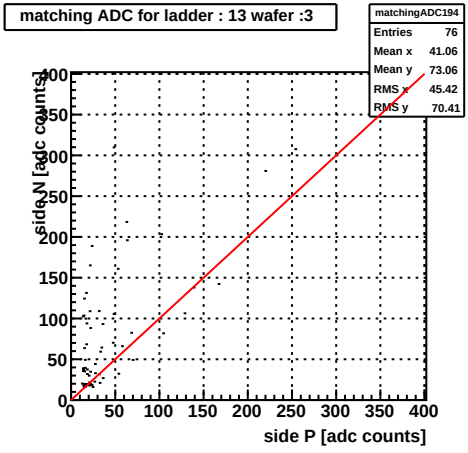

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 427
Mean x 88.98
Mean y 71.22
RMS x 70.6
RMS y 58.32
side N [adc counts]
side P [adc counts]

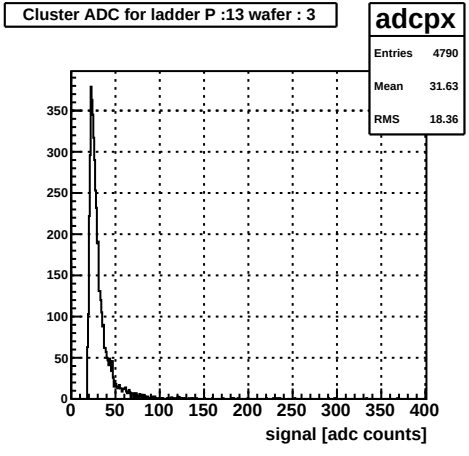

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 655
Mean 97.68
RMS 69.91
signal [adc counts]

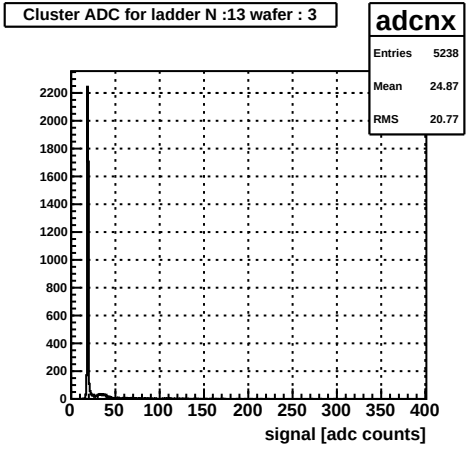

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4510
Mean 30.04
RMS 30.87
signal [adc counts]

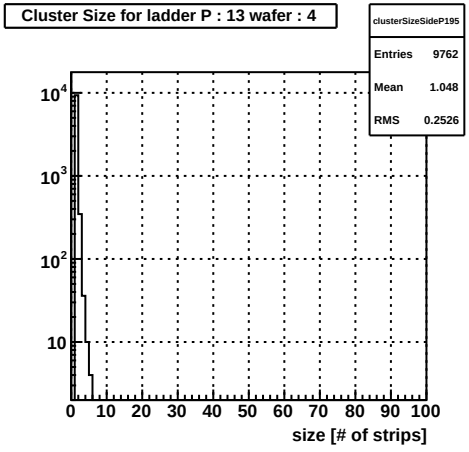

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4790
Mean 1.088
RMS 0.3338
size [# of strips]

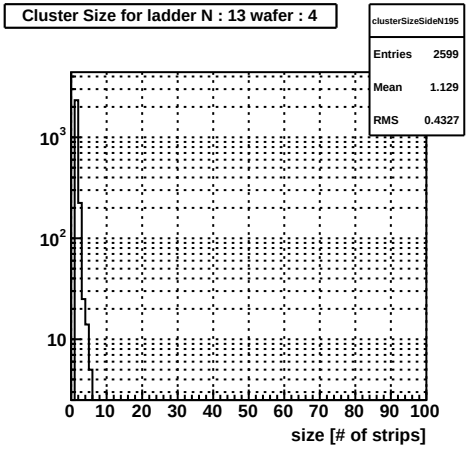

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 5238
Mean 1.152
RMS 0.6055
size [# of strips]

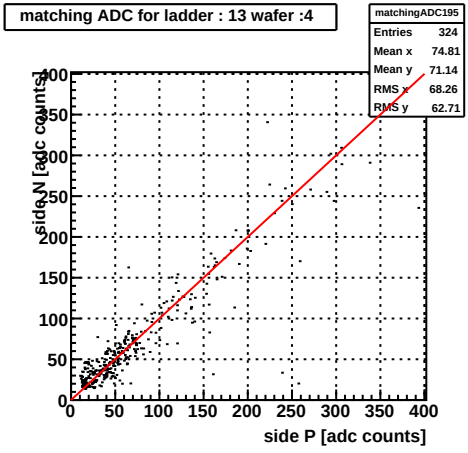

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 76
Mean x 41.06
Mean y 73.06
RMS x 45.42
RMS y 70.41
side N [adc counts]
side P [adc counts]

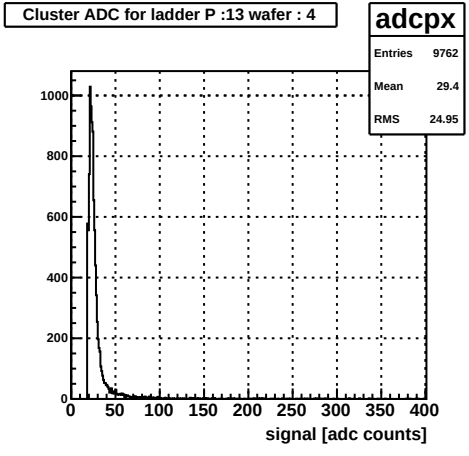

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4790
Mean 31.63
RMS 18.36
signal [adc counts]

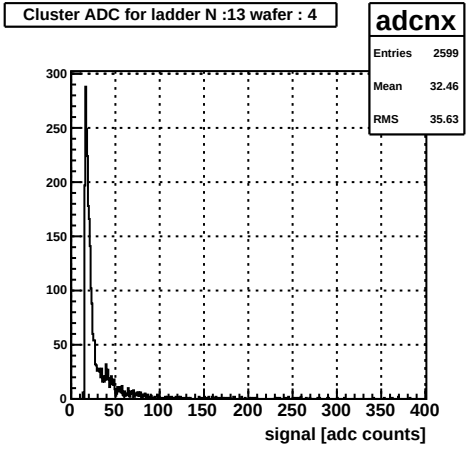

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 5238
Mean 24.87
RMS 20.77
signal [adc counts]

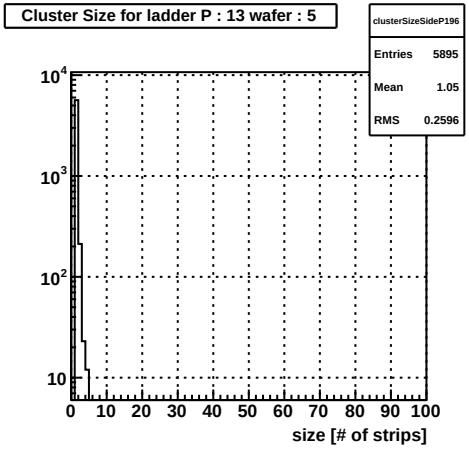

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9762
Mean 1.048
RMS 0.2526
size [# of strips]

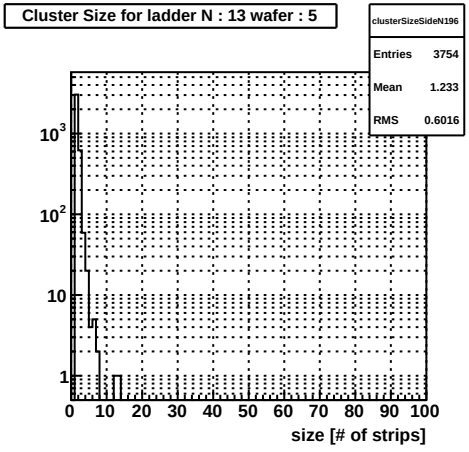

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2599
Mean 1.129
RMS 0.4327
size [# of strips]

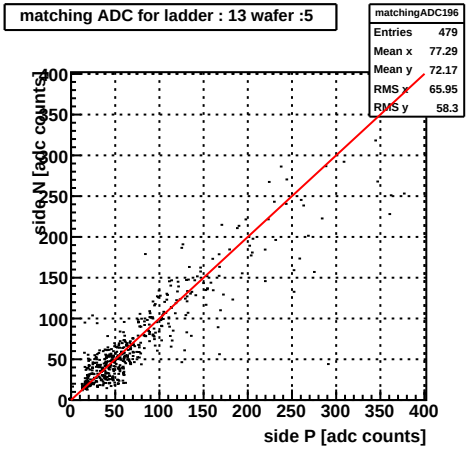

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 324
Mean x 74.81
Mean y 71.14
RMS x 68.26
RMS y 62.71
side N [adc counts]
side P [adc counts]

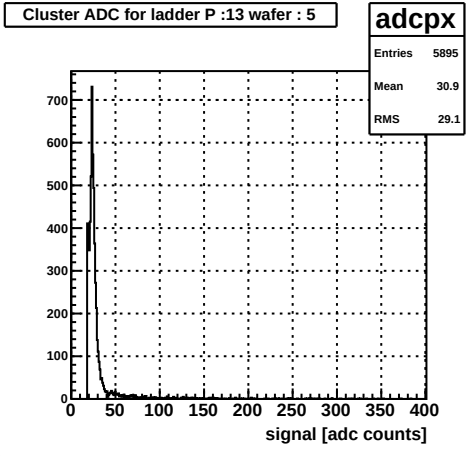

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9762
Mean 29.4
RMS 24.95
signal [adc counts]

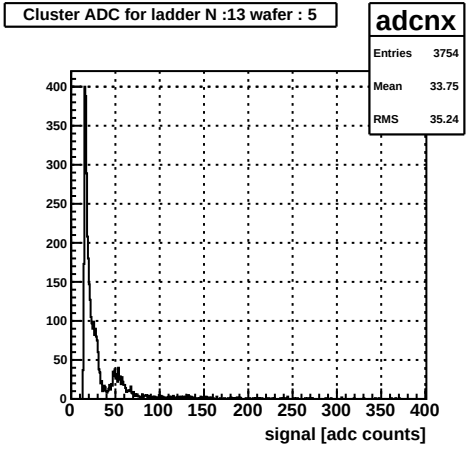

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2599
Mean 32.46
RMS 35.63
signal [adc counts]

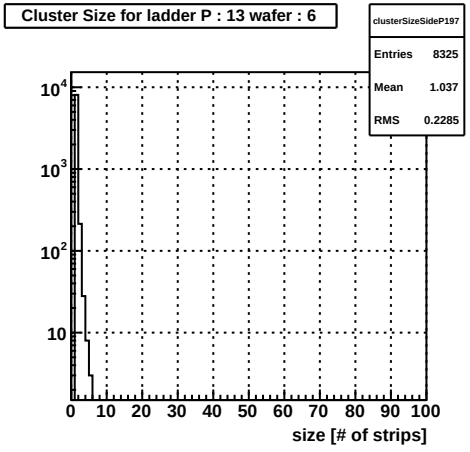

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5895
Mean 1.05
RMS 0.2596
size [# of strips]

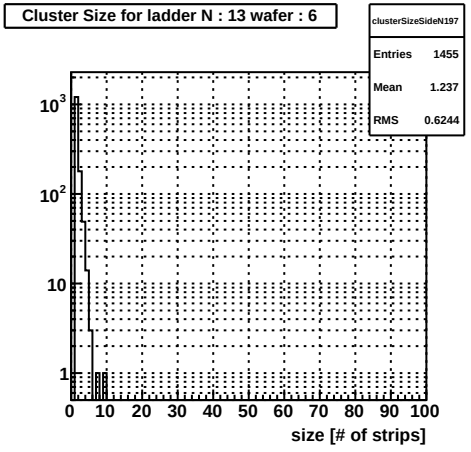

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3754
Mean 1.233
RMS 0.6016
size [# of strips]

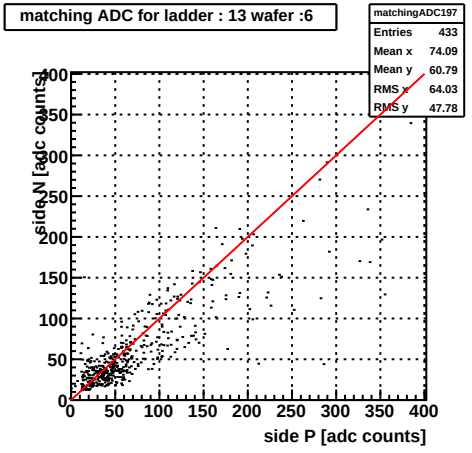

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 479
Mean x 77.29
Mean y 72.17
RMS x 65.95
RMS y 58.3
side N [adc counts]
side P [adc counts]

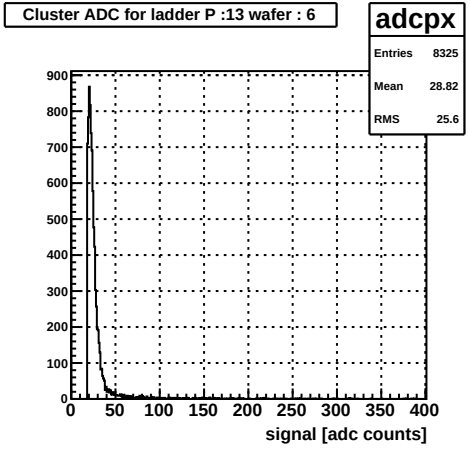

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5895
Mean 30.9
RMS 29.1
signal [adc counts]

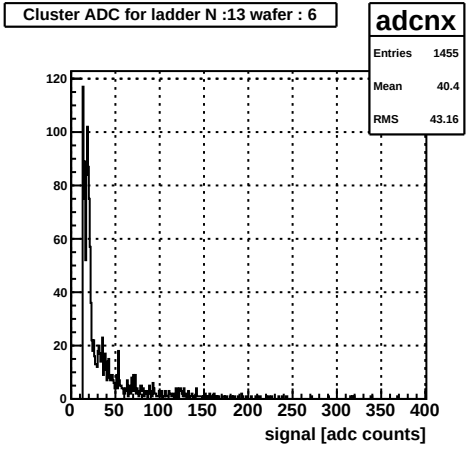

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3754
Mean 33.75
RMS 35.24
signal [adc counts]

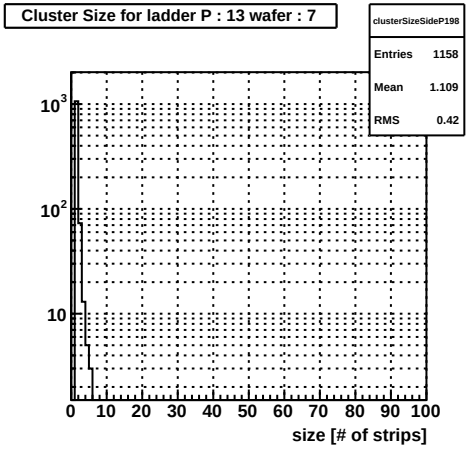

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 8325
Mean 1.037
RMS 0.2285
size [# of strips]

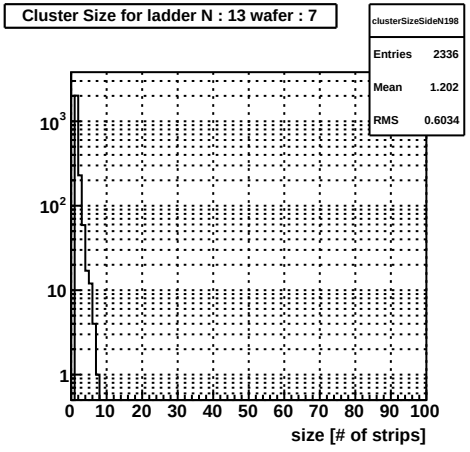

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1455
Mean 1.237
RMS 0.6244
size [# of strips]

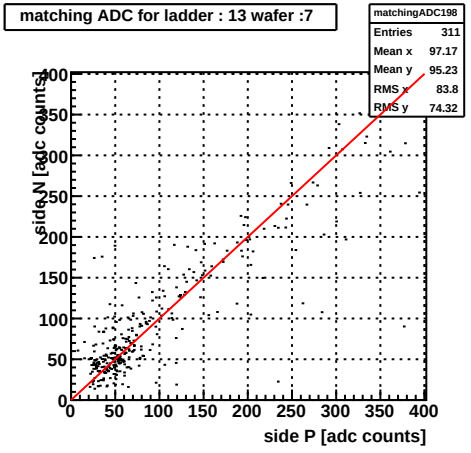

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 433
Mean x 74.09
Mean y 60.79
RMS x 64.03
RMS y 47.78
side N [adc counts]
side P [adc counts]

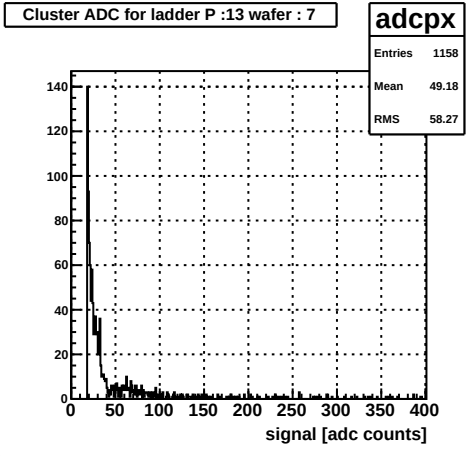

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 8325
Mean 28.82
RMS 25.6
signal [adc counts]

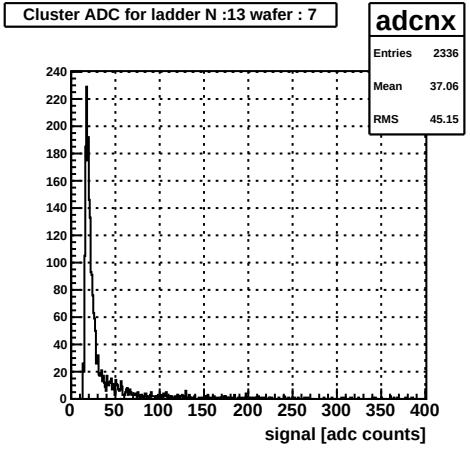

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1455
Mean 40.4
RMS 43.16
signal [adc counts]

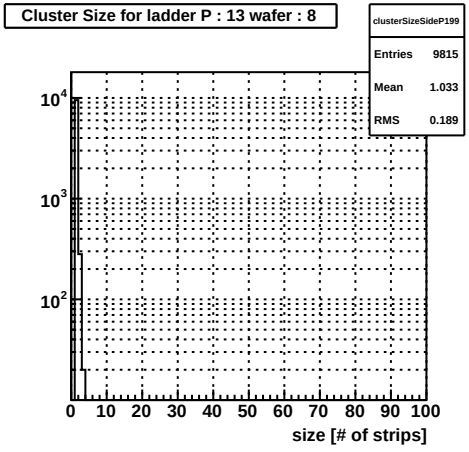

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1158
Mean 1.109
RMS 0.42
size [# of strips]

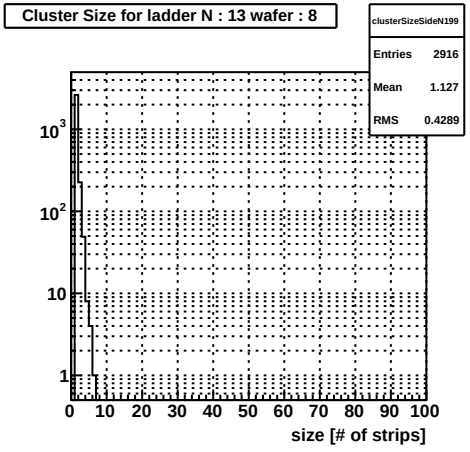

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2336
Mean 1.202
RMS 0.6034
size [# of strips]

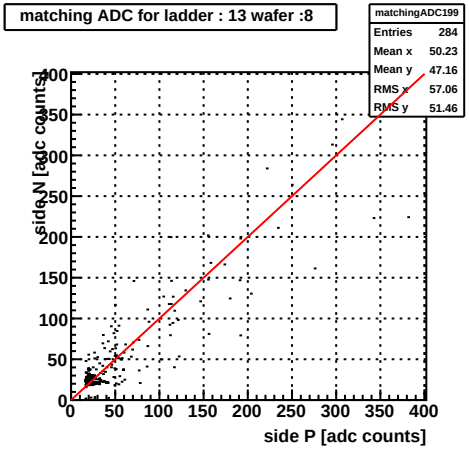

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 311
Mean x 97.17
Mean y 95.23
RMS x 83.8
RMS y 74.32
side N [adc counts]
side P [adc counts]

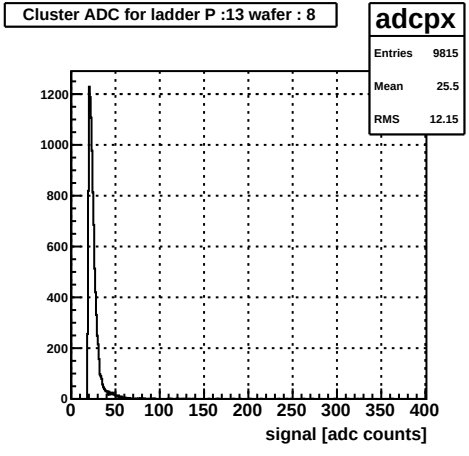

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1158
Mean 49.18
RMS 58.27
signal [adc counts]

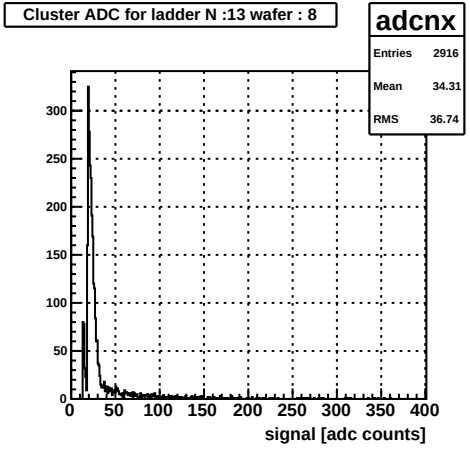

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2336
Mean 37.06
RMS 45.15
signal [adc counts]

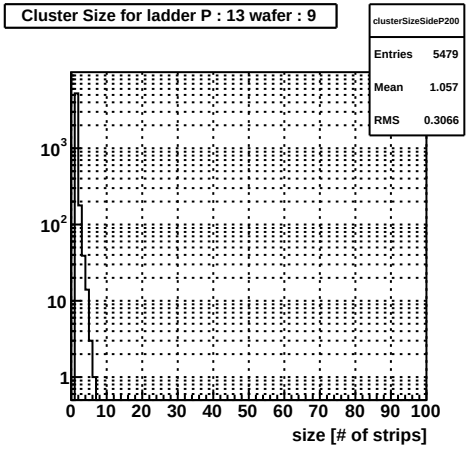

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 9815
Mean 1.033
RMS 0.189
size [# of strips]

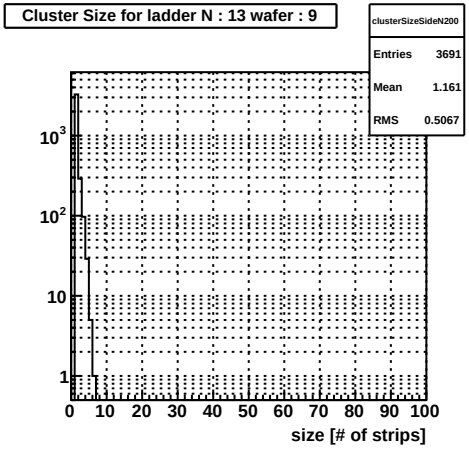

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2916
Mean 1.127
RMS 0.4289
size [# of strips]

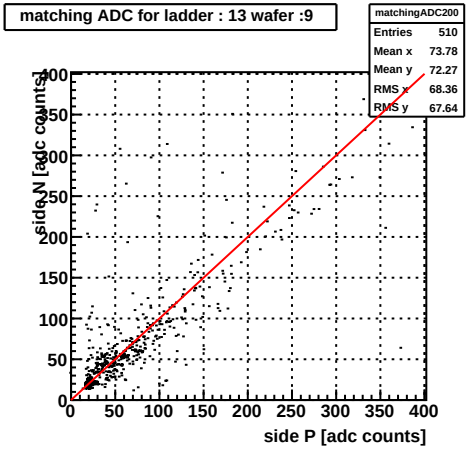

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 284
Mean x 50.23
Mean y 47.16
RMS x 57.06
RMS y 51.46
side N [adc counts]
side P [adc counts]

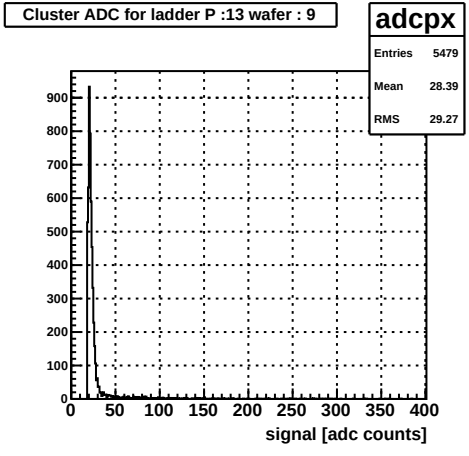

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 9815
Mean 25.5
RMS 12.15
signal [adc counts]

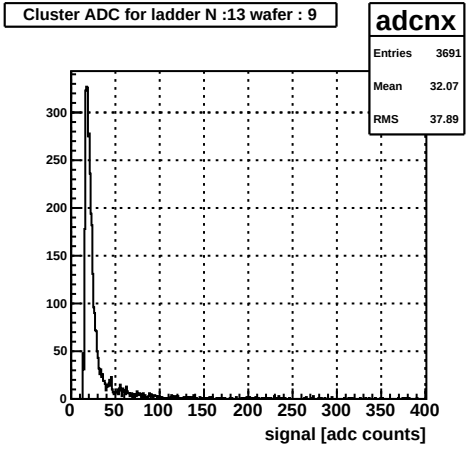

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2916
Mean 34.31
RMS 36.74
signal [adc counts]

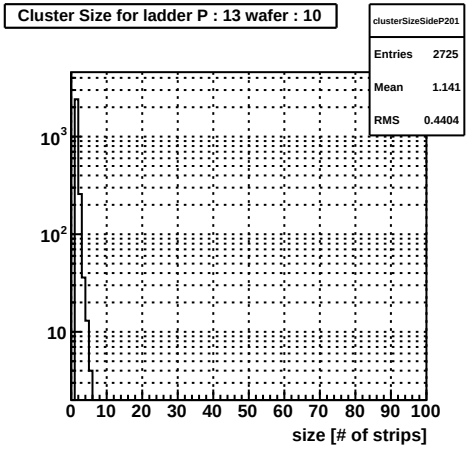

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5479
Mean 1.057
RMS 0.3066
size [# of strips]

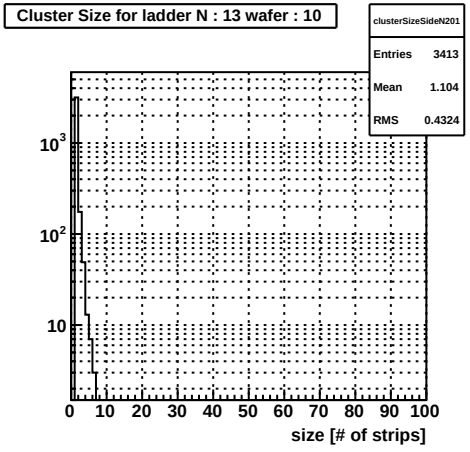

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3691
Mean 1.161
RMS 0.5067
size [# of strips]

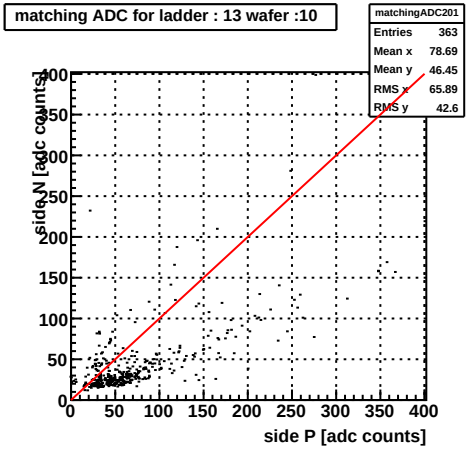

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 510
Mean x 73.78
Mean y 72.27
RMS x 68.36
RMS y 67.64
side N [adc counts]
side P [adc counts]

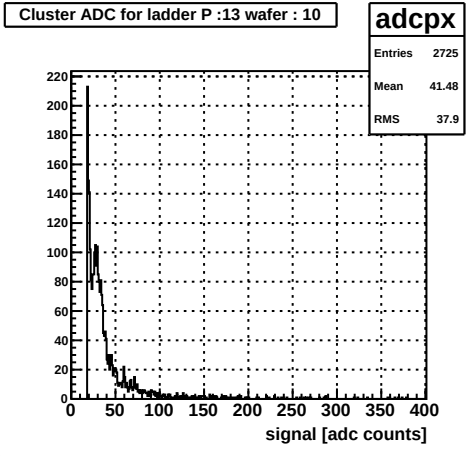

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5479
Mean 28.39
RMS 29.27
signal [adc counts]

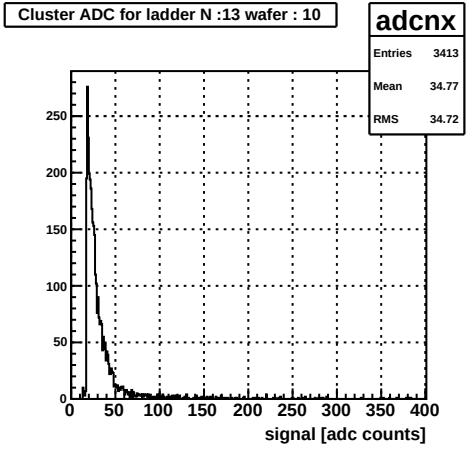

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3691
Mean 32.07
RMS 37.89
signal [adc counts]

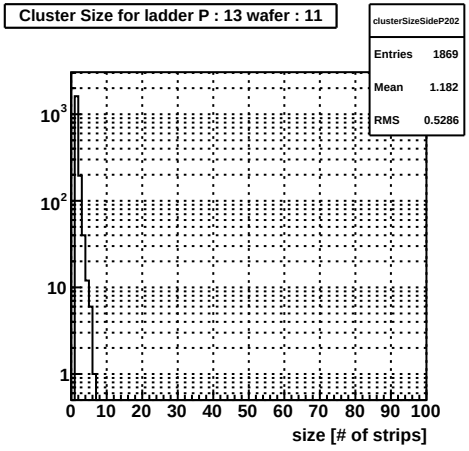

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2725
Mean 1.141
RMS 0.4404
size [# of strips]

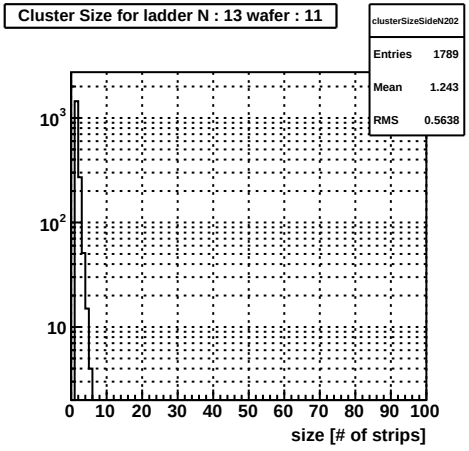

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3413
Mean 1.104
RMS 0.4324
size [# of strips]

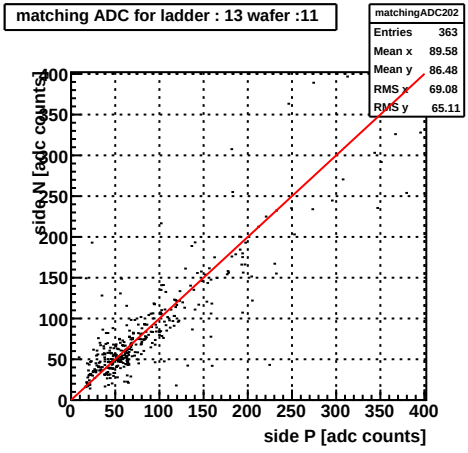

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 363
Mean x 78.69
Mean y 46.45
RMS x 65.89
RMS y 42.6
side N [adc counts]
side P [adc counts]

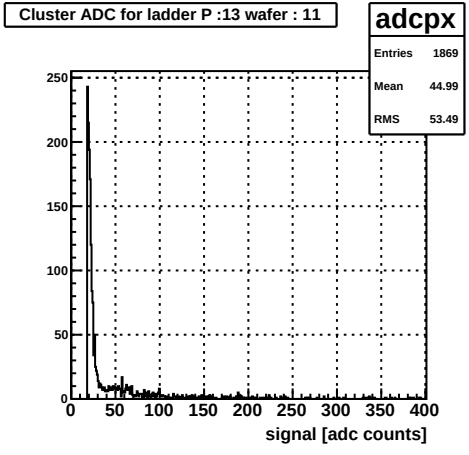

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2725
Mean 41.48
RMS 37.9
signal [adc counts]

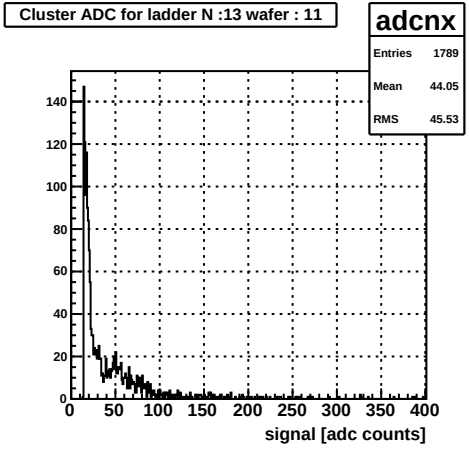

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3413
Mean 34.77
RMS 34.72
signal [adc counts]

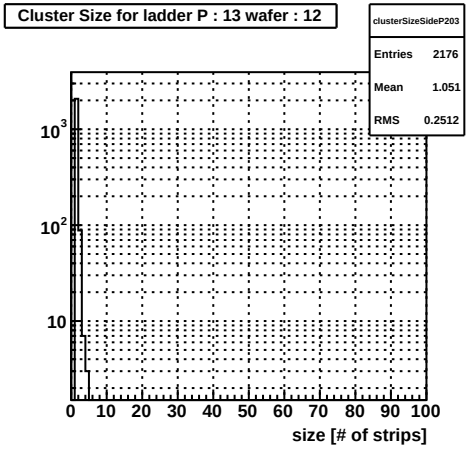

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1869
Mean 1.182
RMS 0.5286
size [# of strips]

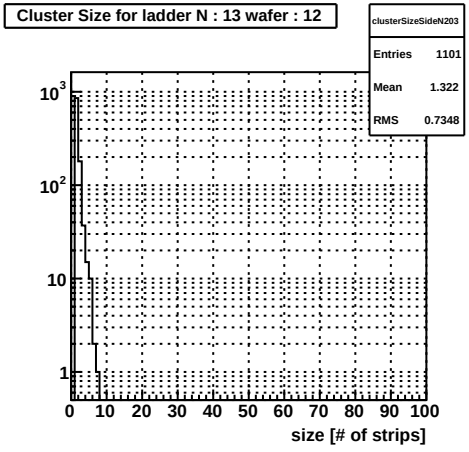

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1789
Mean 1.243
RMS 0.5638
size [# of strips]

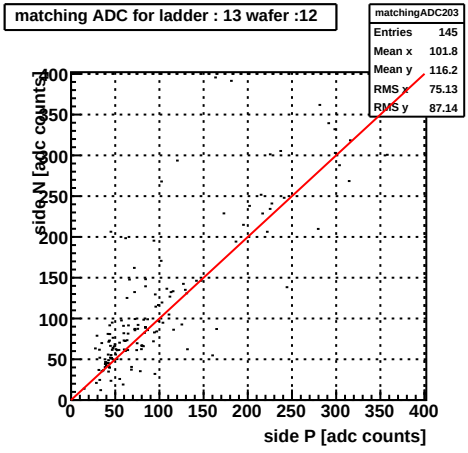

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 363
Mean x 89.58
Mean y 86.48
RMS x 69.08
RMS y 65.11
side N [adc counts]
side P [adc counts]

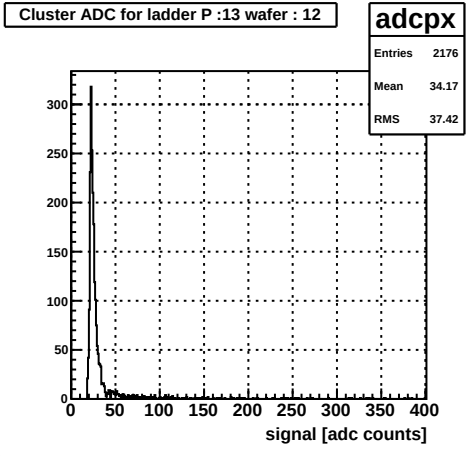

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1869
Mean 44.99
RMS 53.49
signal [adc counts]

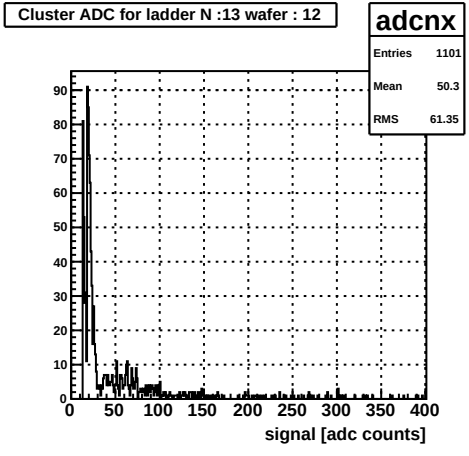

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1789
Mean 44.05
RMS 45.53
signal [adc counts]

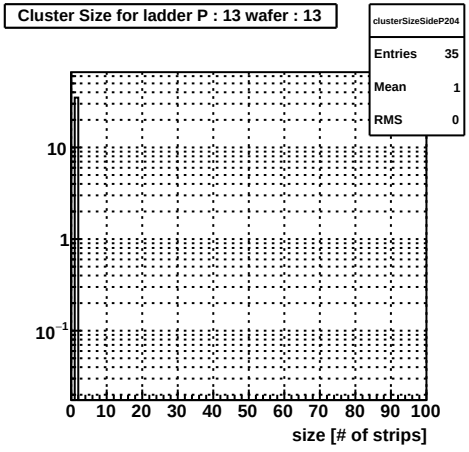

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2176
Mean 1.051
RMS 0.2512
size [# of strips]

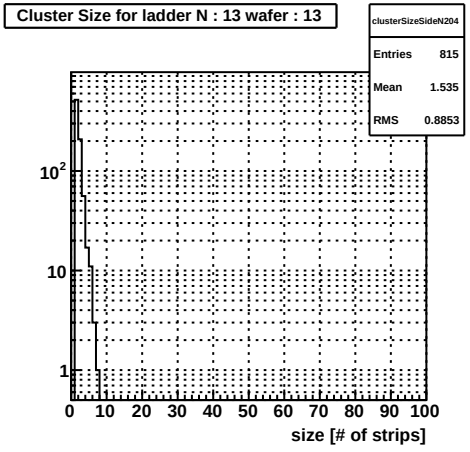

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1101
Mean 1.322
RMS 0.7348
size [# of strips]

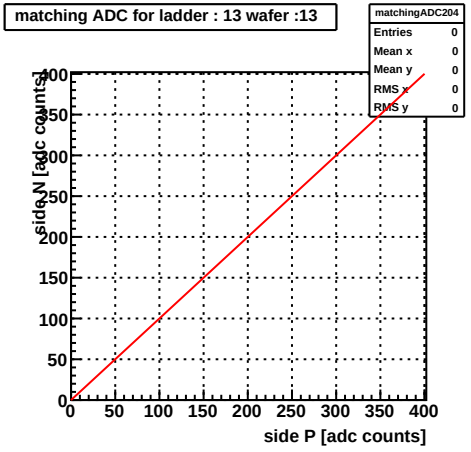

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 145
Mean x 101.8
Mean y 116.2
RMS x 75.13
RMS y 87.14
side N [adc counts]
side P [adc counts]

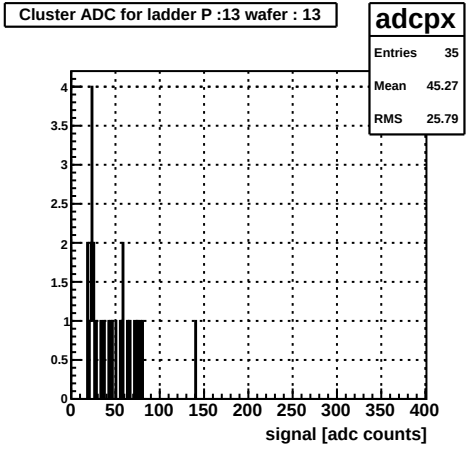

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2176
Mean 34.17
RMS 37.42
signal [adc counts]

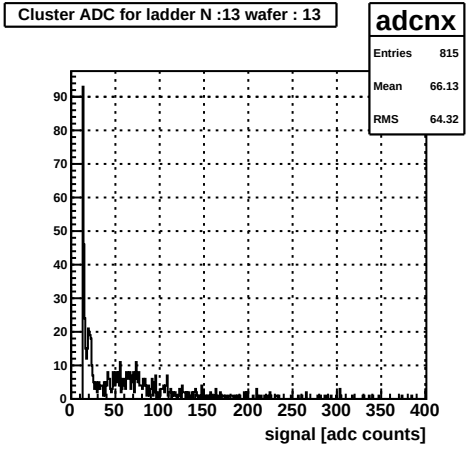

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1101
Mean 50.3
RMS 61.35
signal [adc counts]

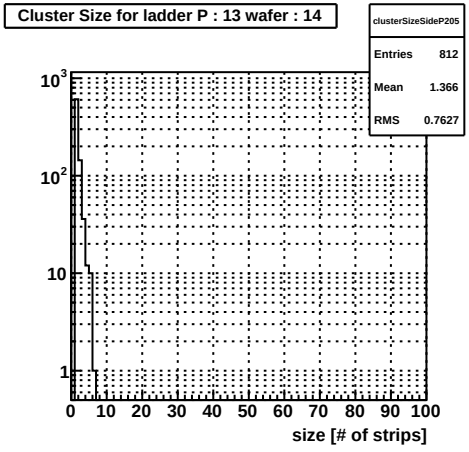

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 35
Mean 1
RMS 0
size [# of strips]

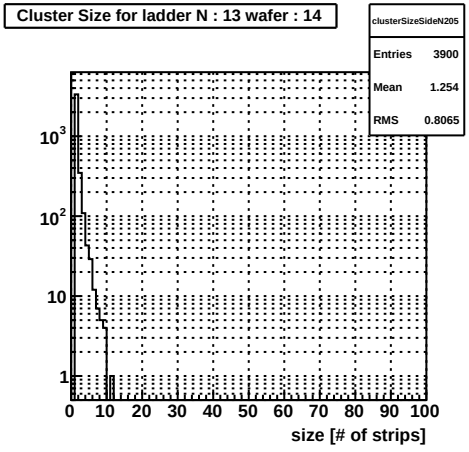

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 815
Mean 1.535
RMS 0.8853
size [# of strips]

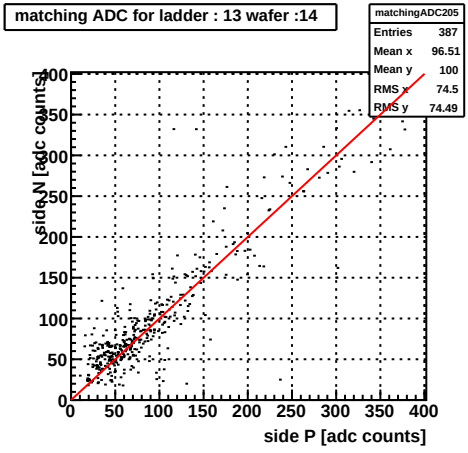

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

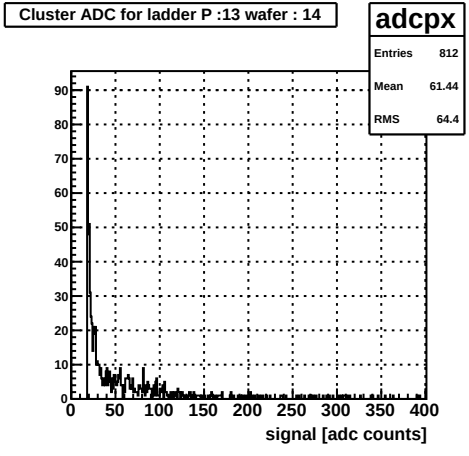

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 35
Mean 45.27
RMS 25.79
signal [adc counts]

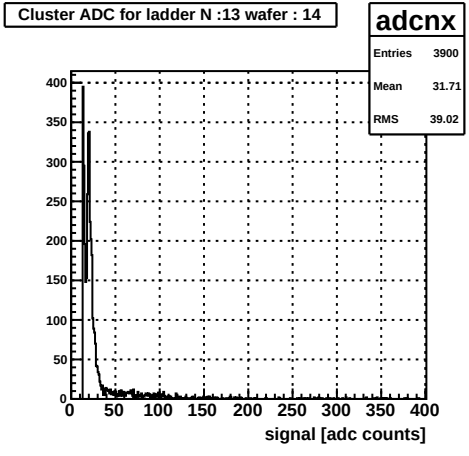

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 815
Mean 66.13
RMS 64.32
signal [adc counts]

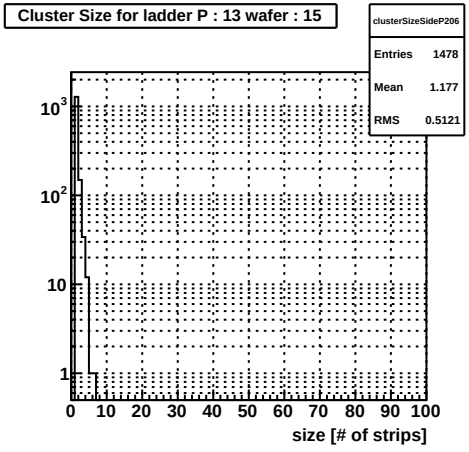

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 812
Mean 1.366
RMS 0.7627
size [# of strips]

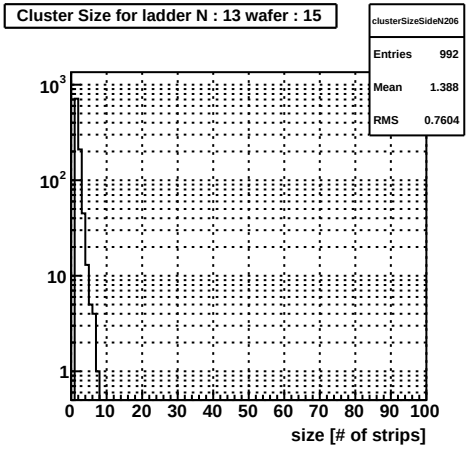

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3900
Mean 1.254
RMS 0.8065
size [# of strips]

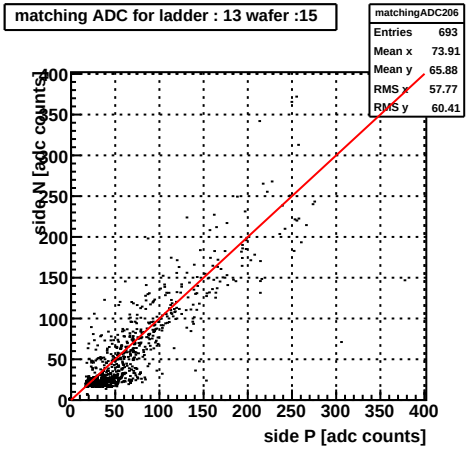

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 387
Mean x 96.51
Mean y 100
RMS x 74.5
RMS y 74.49
side N [adc counts]
side P [adc counts]

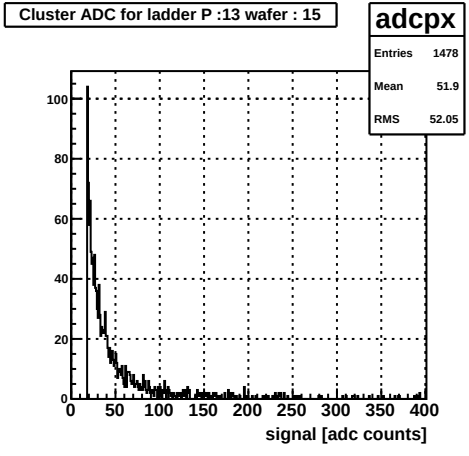

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 812
Mean 61.44
RMS 64.4
signal [adc counts]

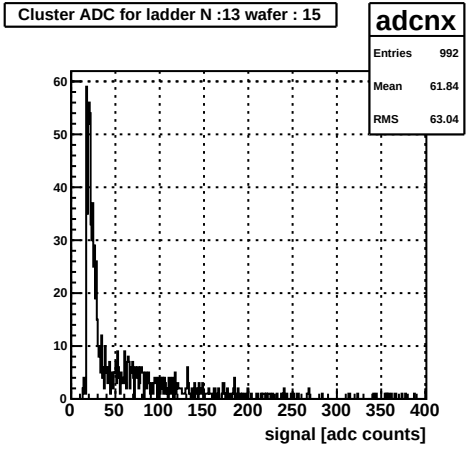

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3900
Mean 31.71
RMS 39.02
signal [adc counts]

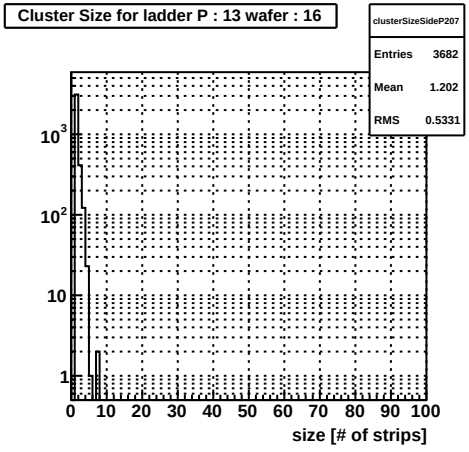

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1478
Mean 1.177
RMS 0.5121
size [# of strips]

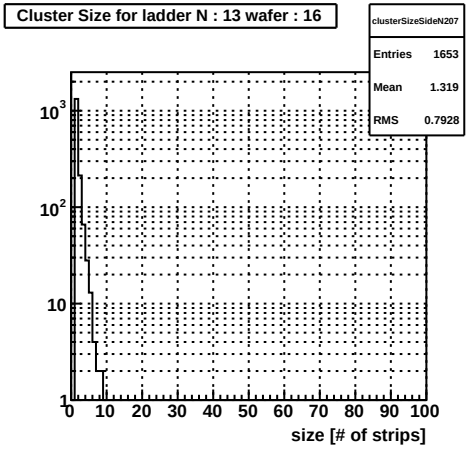

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 992
Mean 1.388
RMS 0.7604
size [# of strips]

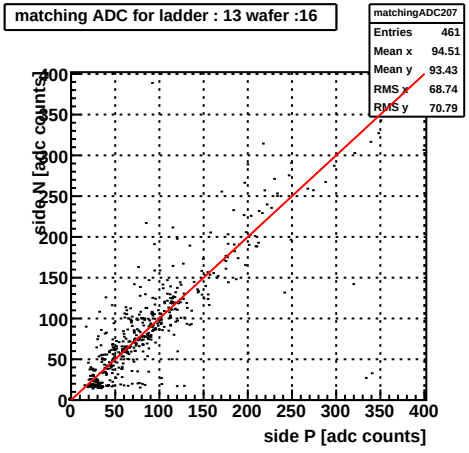

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 693
Mean x 73.91
Mean y 65.88
RMS x 57.77
RMS y 60.41
side N [adc counts]
side P [adc counts]

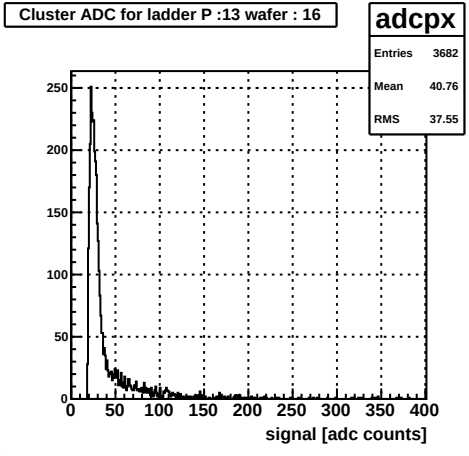

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1478
Mean 51.9
RMS 52.05
signal [adc counts]

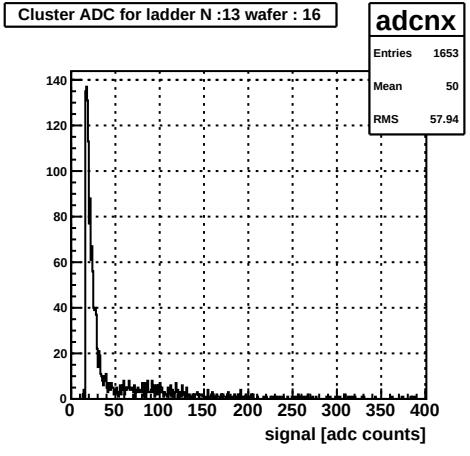

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 992
Mean 61.84
RMS 63.04
signal [adc counts]

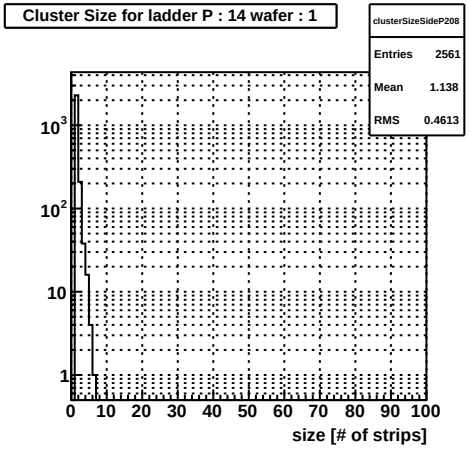

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3682
Mean 1.202
RMS 0.5331
size [# of strips]

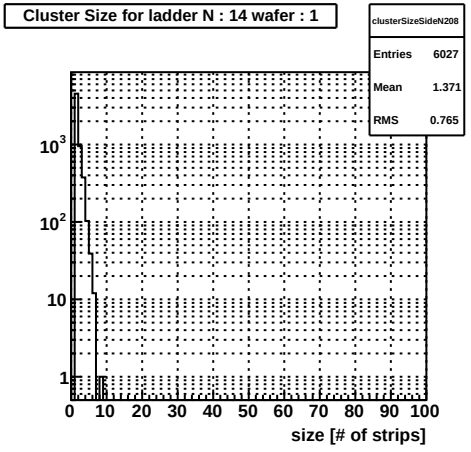

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1653
Mean 1.319
RMS 0.7928
size [# of strips]

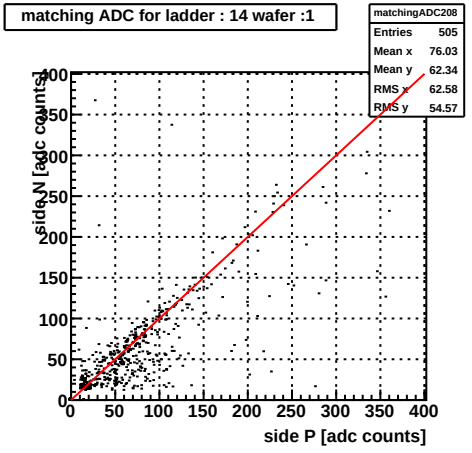

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 461
Mean x 94.51
Mean y 93.43
RMS x 68.74
RMS y 70.79
side N [adc counts]
side P [adc counts]

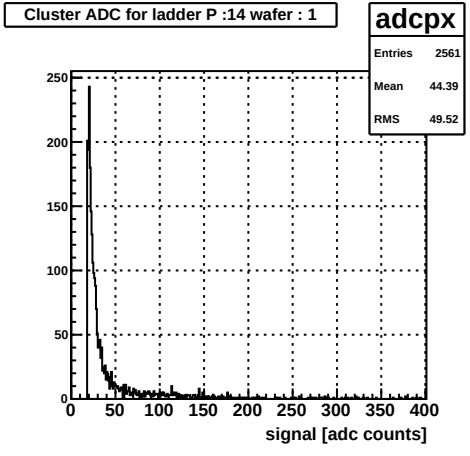

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3682
Mean 40.76
RMS 37.55
signal [adc counts]

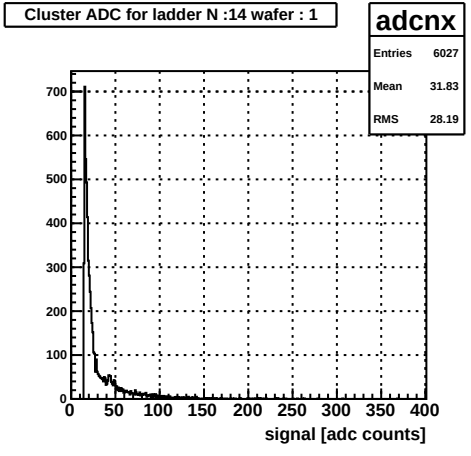

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1653
Mean 50
RMS 57.94
signal [adc counts]

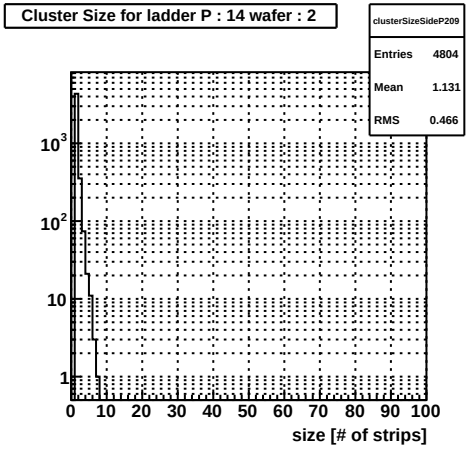

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2561
Mean 1.138
RMS 0.4613
size [# of strips]

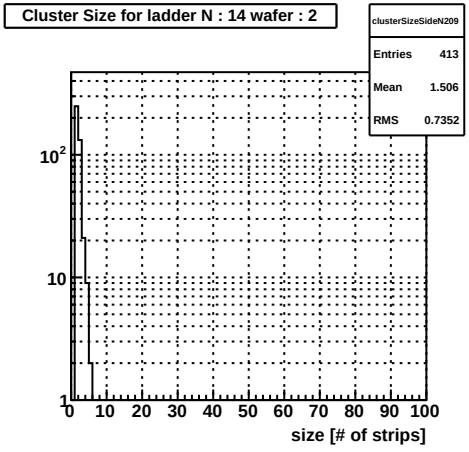

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6027
Mean 1.371
RMS 0.765
size [# of strips]

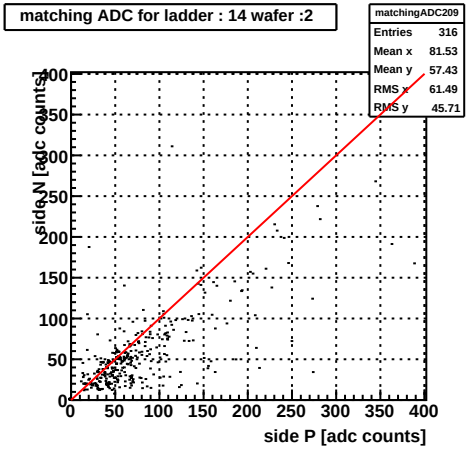

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 505
Mean x 76.03
Mean y 62.34
RMS x 62.58
RMS y 54.57
side N [adc counts]
side P [adc counts]

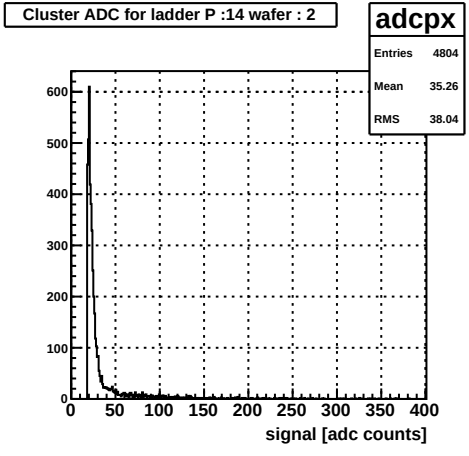

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2561
Mean 44.39
RMS 49.52
signal [adc counts]

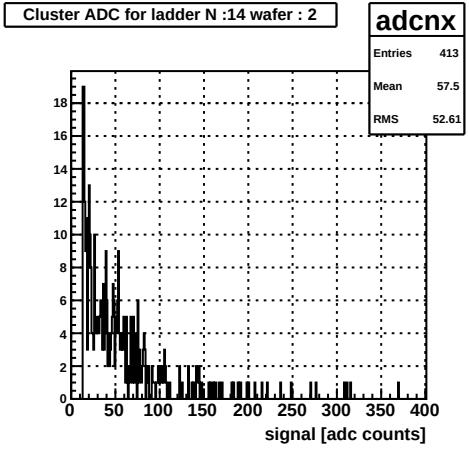

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6027
Mean 31.83
RMS 28.19
signal [adc counts]

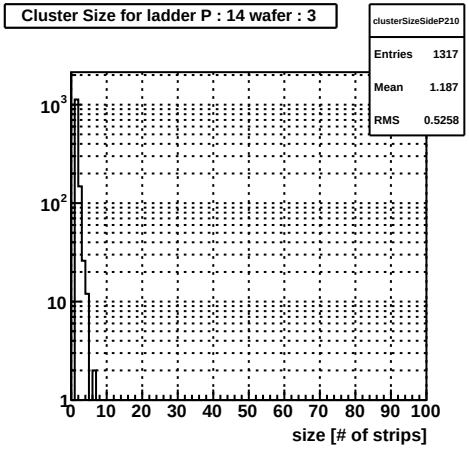

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4804
Mean 1.131
RMS 0.466
size [# of strips]

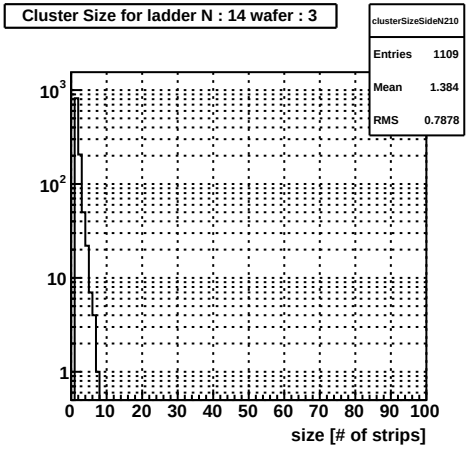

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 413
Mean 1.506
RMS 0.7352
size [# of strips]

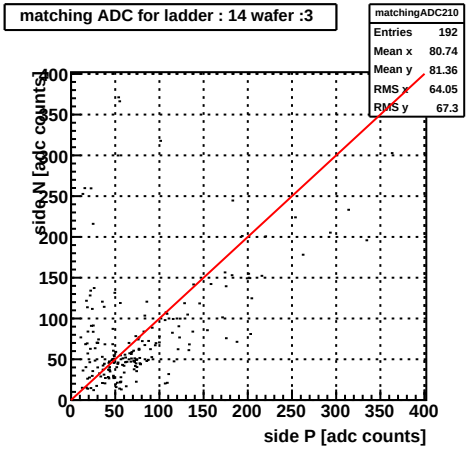

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 316
Mean x 81.53
Mean y 57.43
RMS x 61.49
RMS y 45.71
side N [adc counts]
side P [adc counts]

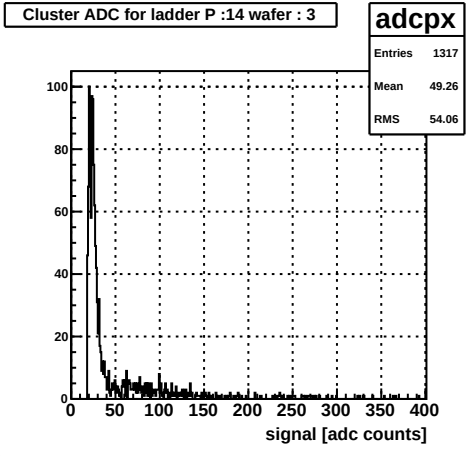

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4804
Mean 35.26
RMS 38.04
signal [adc counts]

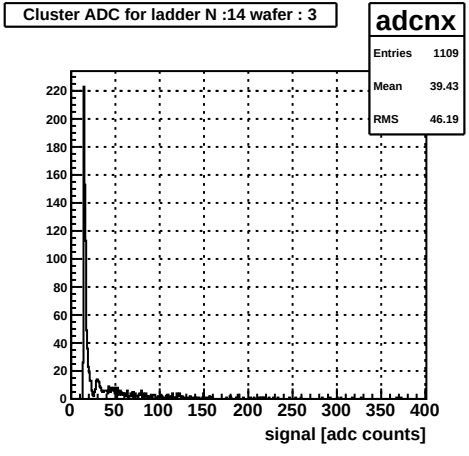

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 413
Mean 57.5
RMS 52.61
signal [adc counts]

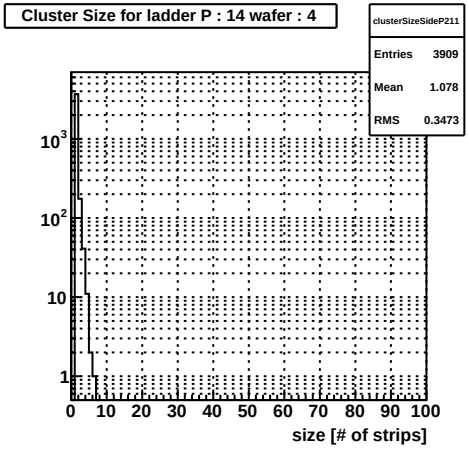

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1317
Mean 1.187
RMS 0.5258
size [# of strips]

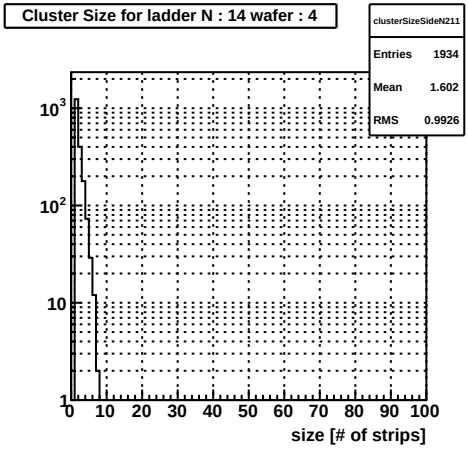

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1109
Mean 1.384
RMS 0.7878
size [# of strips]

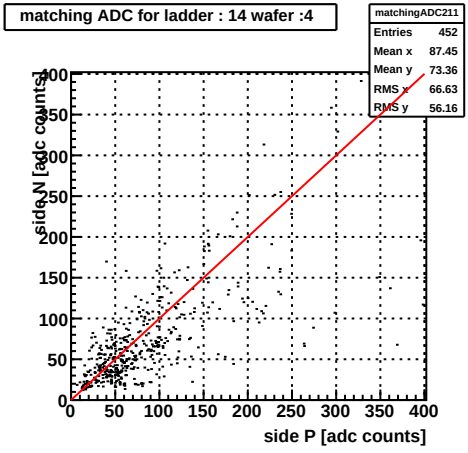

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 192
Mean x 80.74
Mean y 81.36
RMS x 64.05
RMS y 67.3
side N [adc counts]
side P [adc counts]

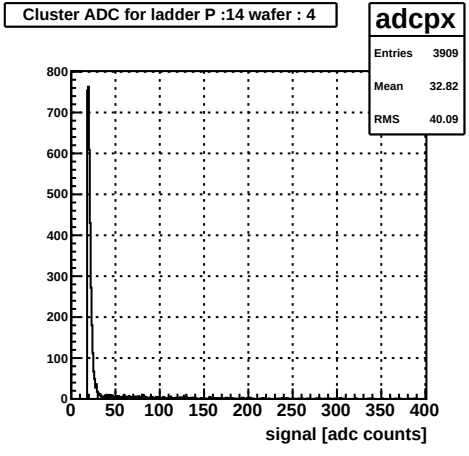

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1317
Mean 49.26
RMS 54.06
signal [adc counts]

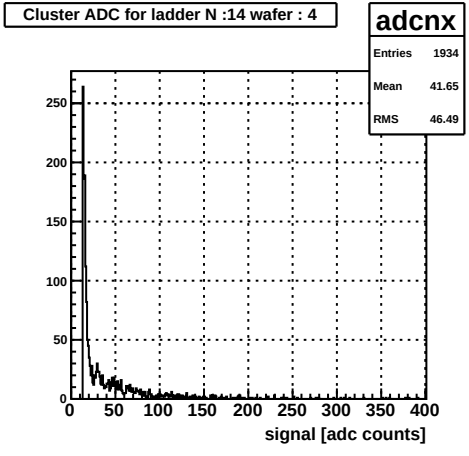

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1109
Mean 39.43
RMS 46.19
signal [adc counts]

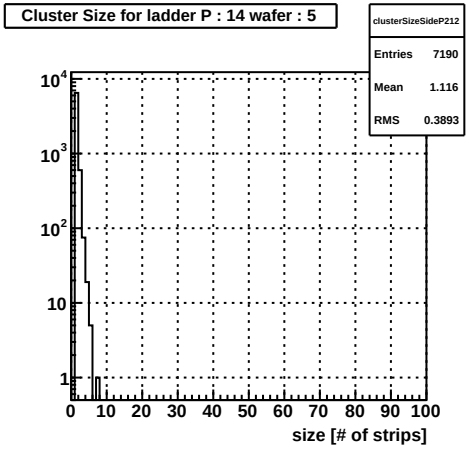

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3909
Mean 1.078
RMS 0.3473
size [# of strips]

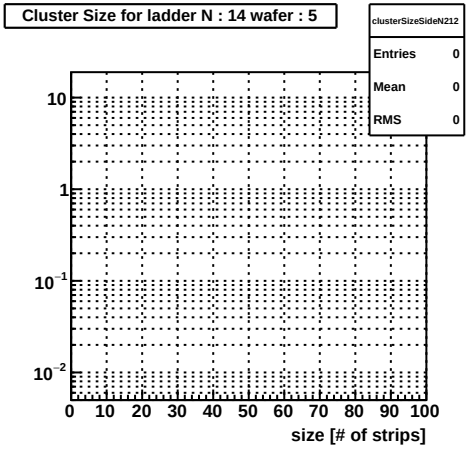

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1934
Mean 1.602
RMS 0.9926
size [# of strips]

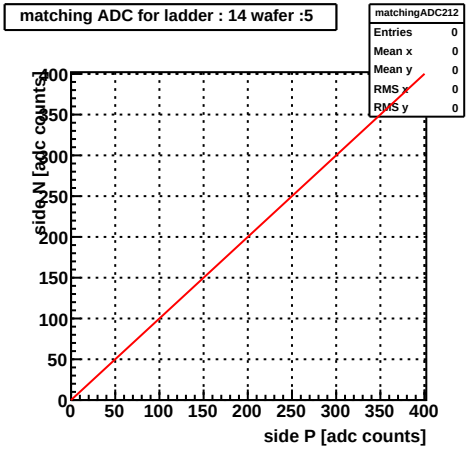

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 452
Mean x 87.45
Mean y 73.36
RMS x 66.63
RMS y 56.16
side N [adc counts]
side P [adc counts]

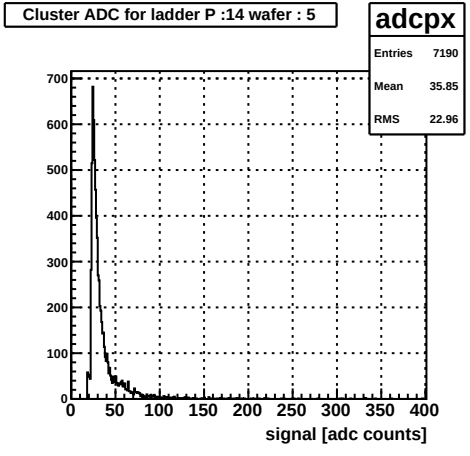

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3909
Mean 32.82
RMS 40.09
signal [adc counts]

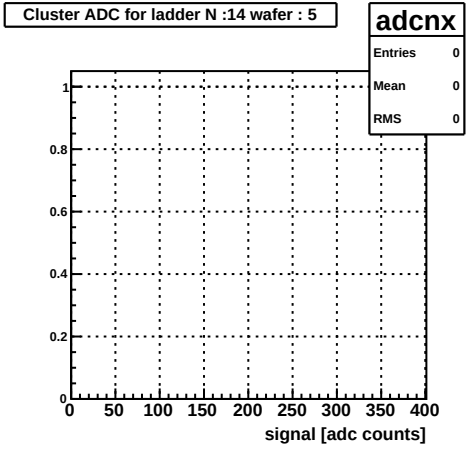

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1934
Mean 41.65
RMS 46.49
signal [adc counts]

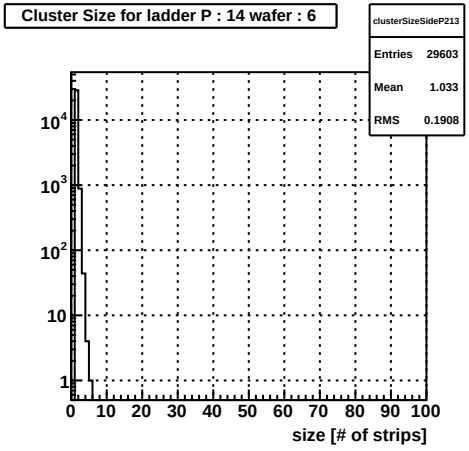

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7190
Mean 1.116
RMS 0.3893
size [# of strips]

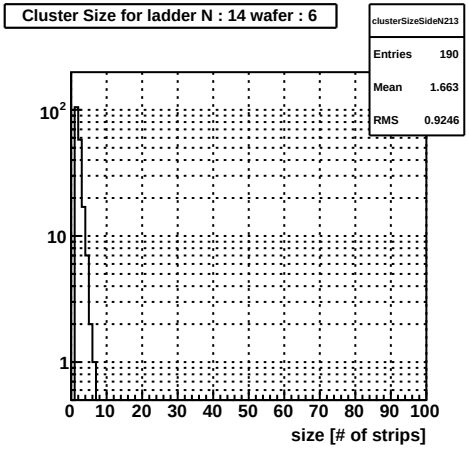

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

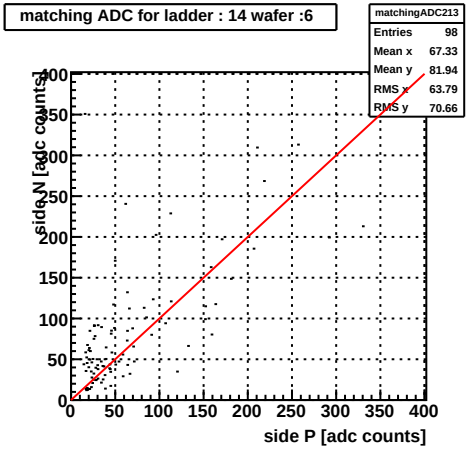

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

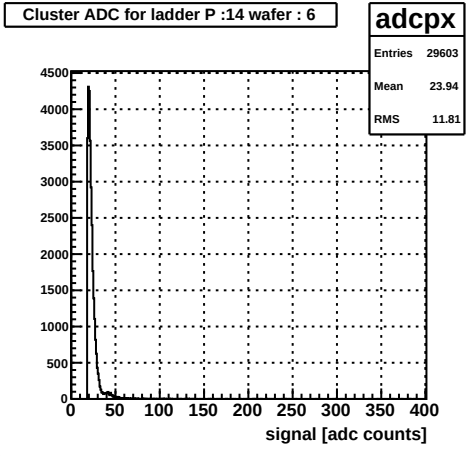

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7190
Mean 35.85
RMS 22.96
signal [adc counts]

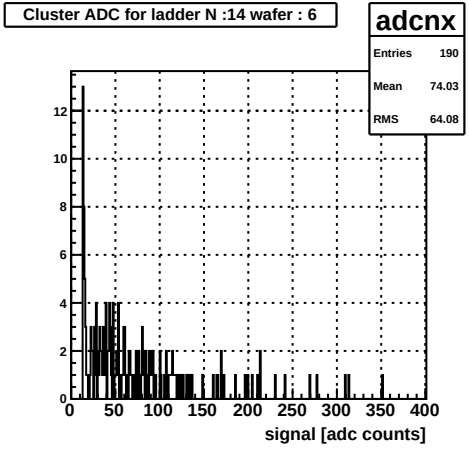

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

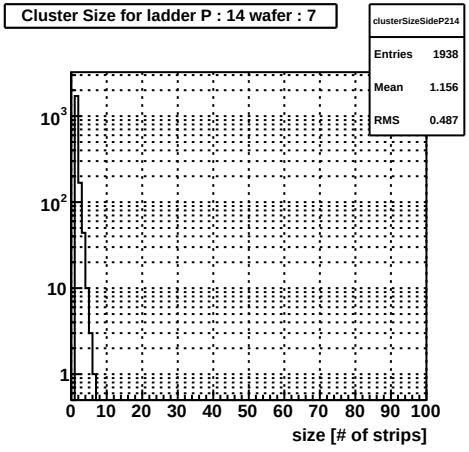

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 29603
Mean 1.033
RMS 0.1908
size [# of strips]

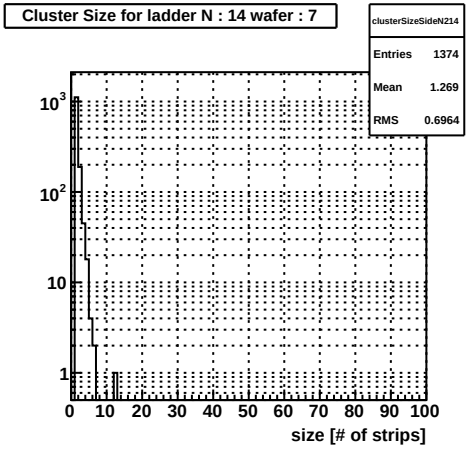

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 190
Mean 1.663
RMS 0.9246
size [# of strips]

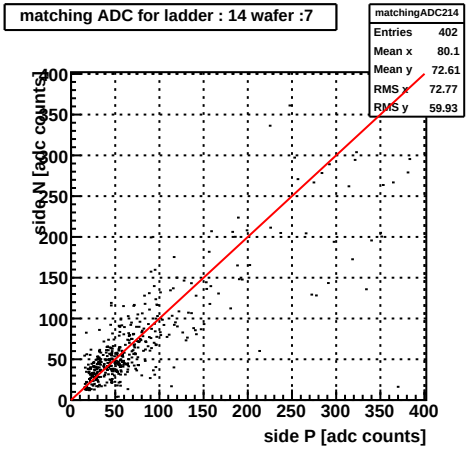

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 98
Mean x 67.33
Mean y 81.94
RMS x 63.79
RMS y 70.66
side N [adc counts]
side P [adc counts]

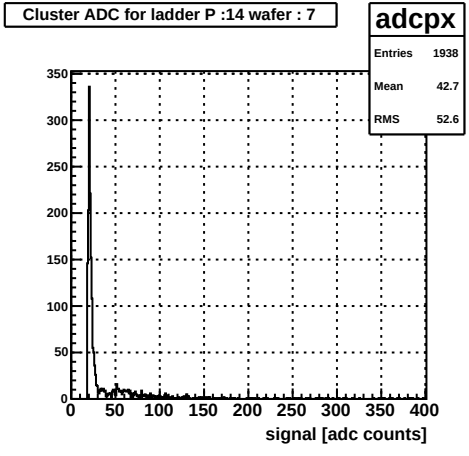

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 29603
Mean 23.94
RMS 11.81
signal [adc counts]

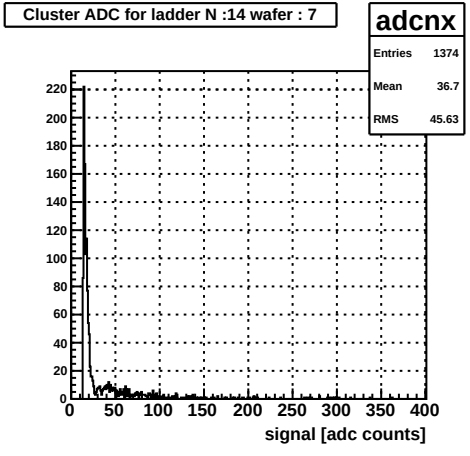

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 190
Mean 74.03
RMS 64.08
signal [adc counts]

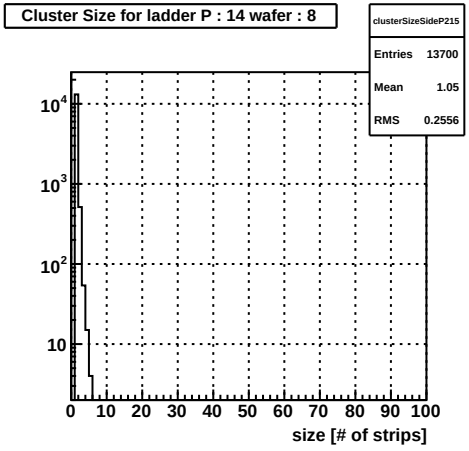

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1938
Mean 1.156
RMS 0.487
size [# of strips]

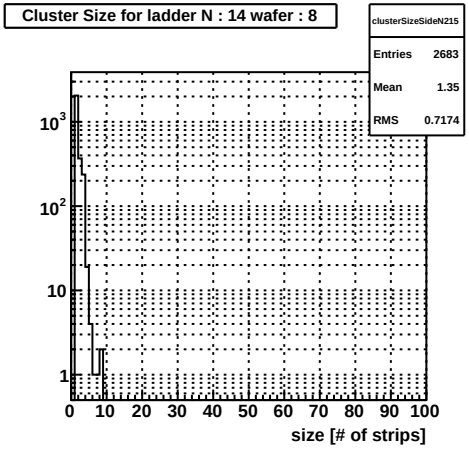

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1374
Mean 1.269
RMS 0.6964
size [# of strips]

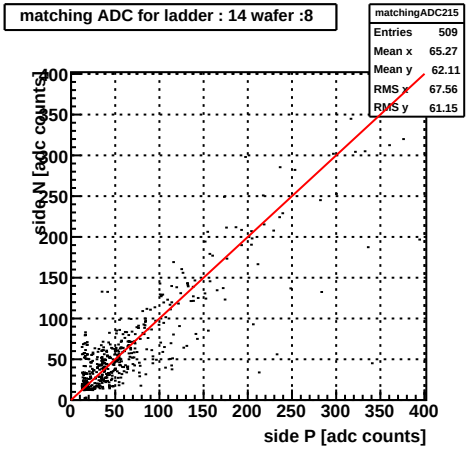

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 402
Mean x 80.1
Mean y 72.61
RMS x 72.77
RMS y 59.93
side N [adc counts]
side P [adc counts]

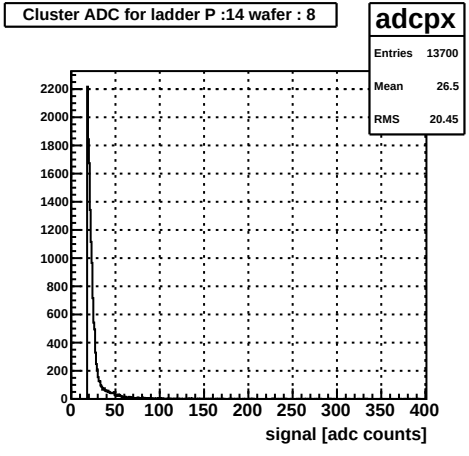

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1938
Mean 42.7
RMS 52.6
signal [adc counts]

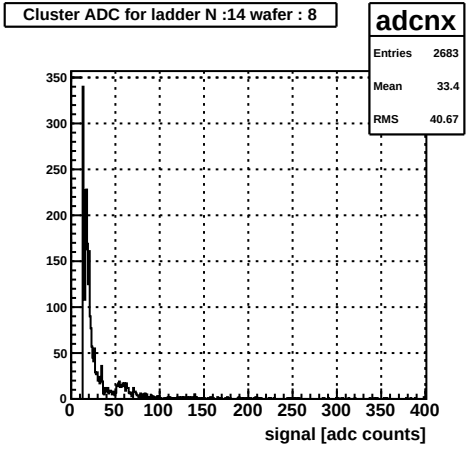

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1374
Mean 36.7
RMS 45.63
signal [adc counts]

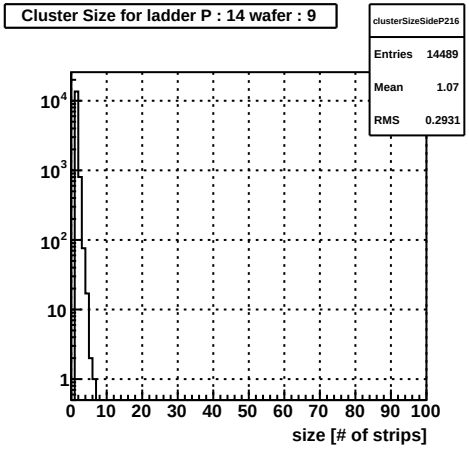

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13700
Mean 1.05
RMS 0.2556
size [# of strips]

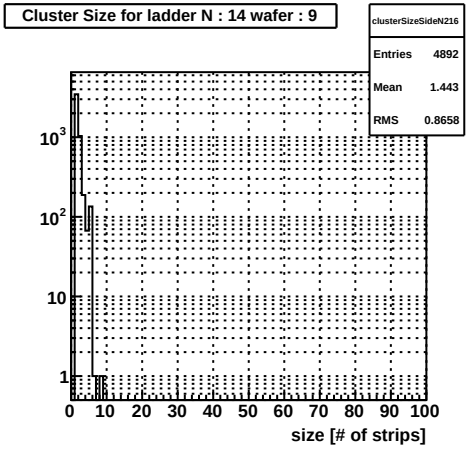

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2683
Mean 1.35
RMS 0.7174
size [# of strips]

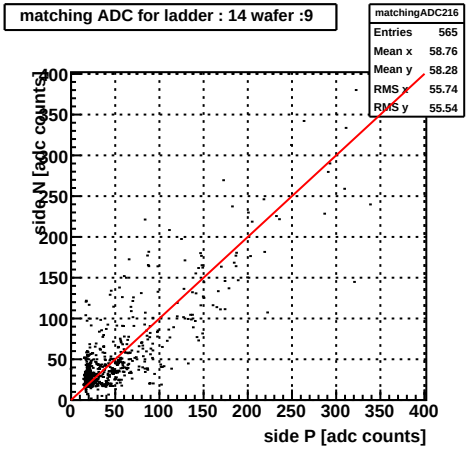

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 509
Mean x 65.27
Mean y 62.11
RMS x 67.56
RMS y 61.15
side N [adc counts]
side P [adc counts]

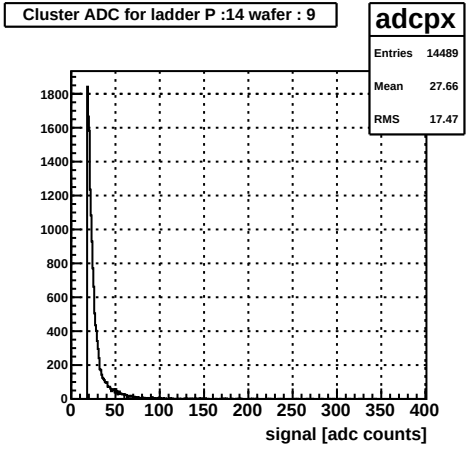

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13700
Mean 26.5
RMS 20.45
signal [adc counts]

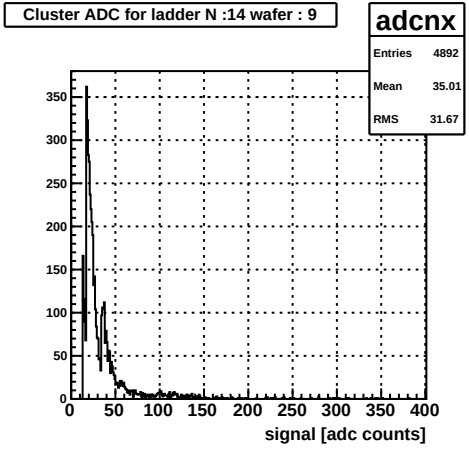

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2683
Mean 33.4
RMS 40.67
signal [adc counts]

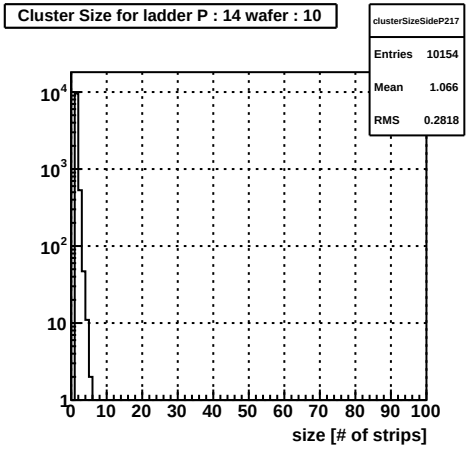

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14489
Mean 1.07
RMS 0.2931
size [# of strips]

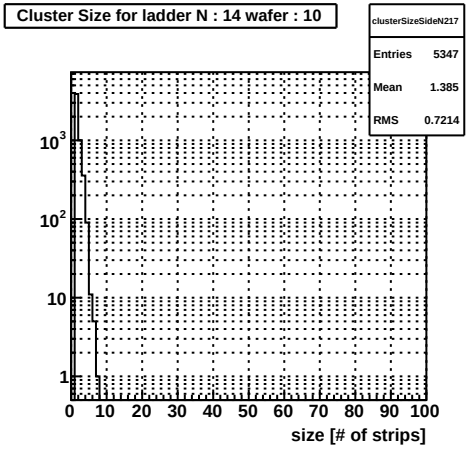

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4892
Mean 1.443
RMS 0.8658
size [# of strips]

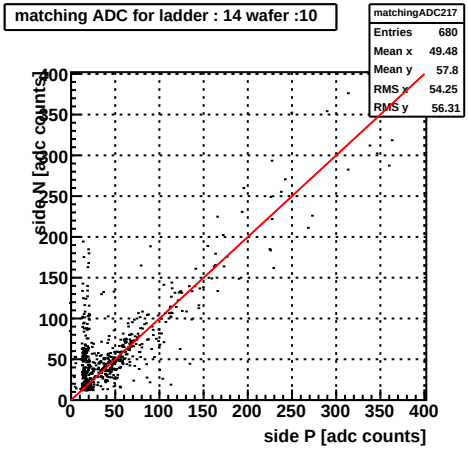

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 565
Mean x 58.76
Mean y 58.28
RMS x 55.74
RMS y 55.54
side N [adc counts]
side P [adc counts]

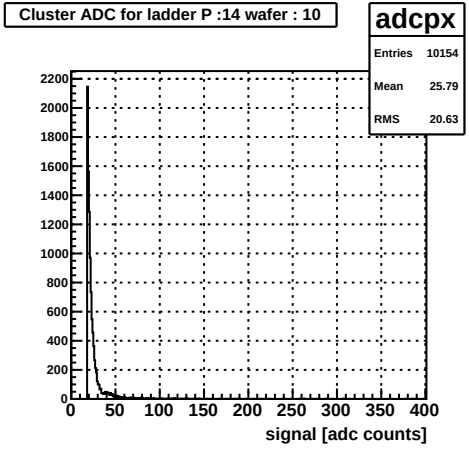

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14489
Mean 27.66
RMS 17.47
signal [adc counts]

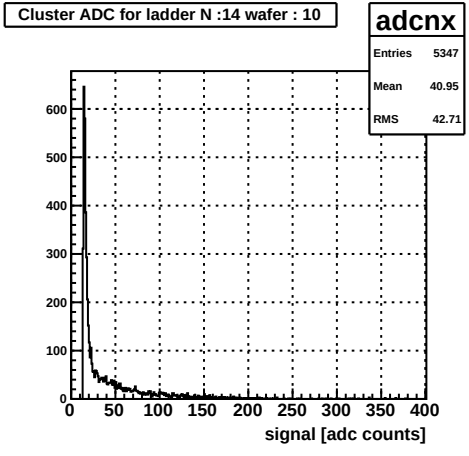

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4892
Mean 35.01
RMS 31.67
signal [adc counts]

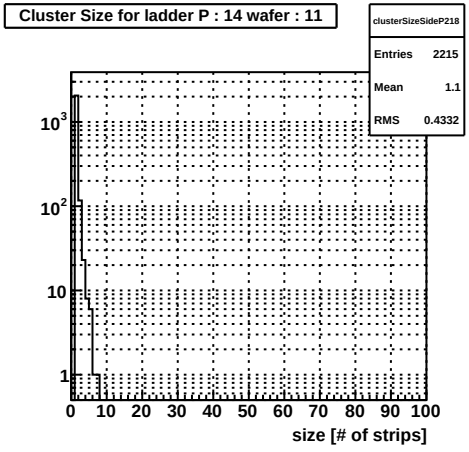

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10154
Mean 1.066
RMS 0.2818
size [# of strips]

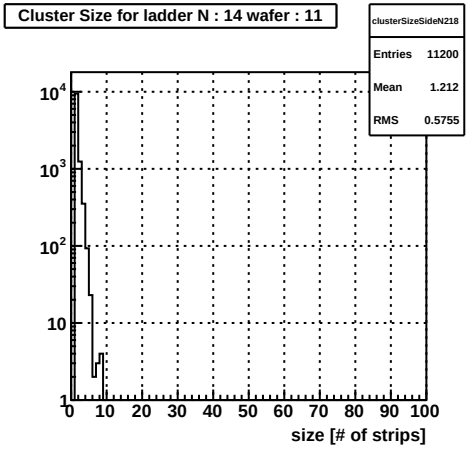

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5347
Mean 1.385
RMS 0.7214
size [# of strips]

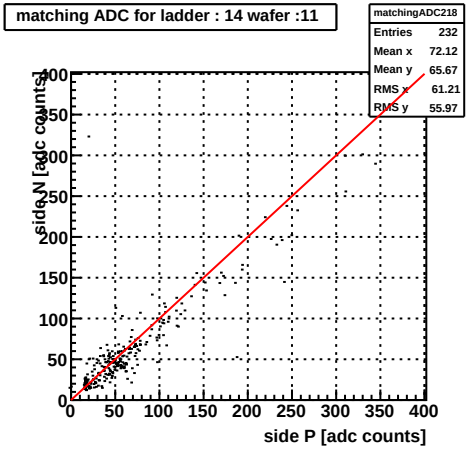

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 680
Mean x 49.48
Mean y 57.8
RMS x 54.25
RMS y 56.31
side N [adc counts]
side P [adc counts]

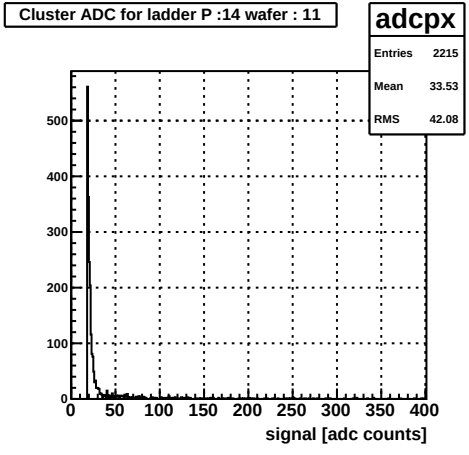

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10154
Mean 25.79
RMS 20.63
signal [adc counts]

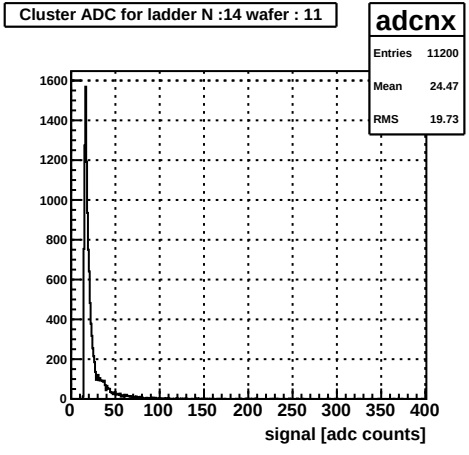

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5347
Mean 40.95
RMS 42.71
signal [adc counts]

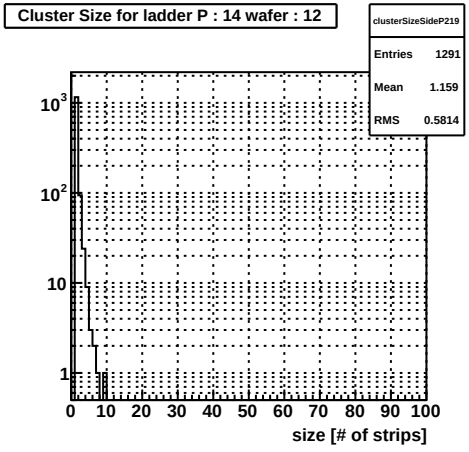

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2215
Mean 1.1
RMS 0.4332
size [# of strips]

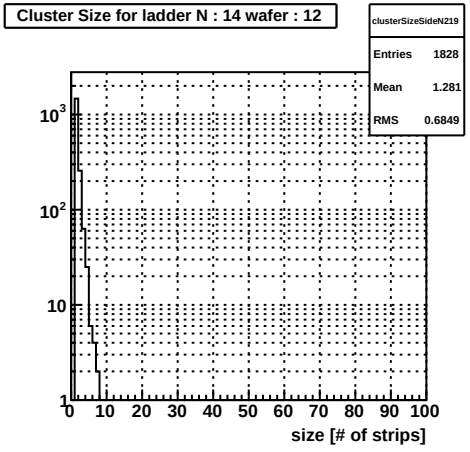

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 11200
Mean 1.212
RMS 0.5755
size [# of strips]

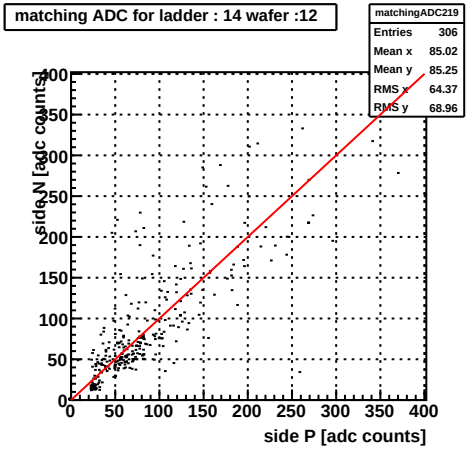

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 232
Mean x 72.12
Mean y 65.67
RMS x 61.21
RMS y 55.97
side N [adc counts]
side P [adc counts]

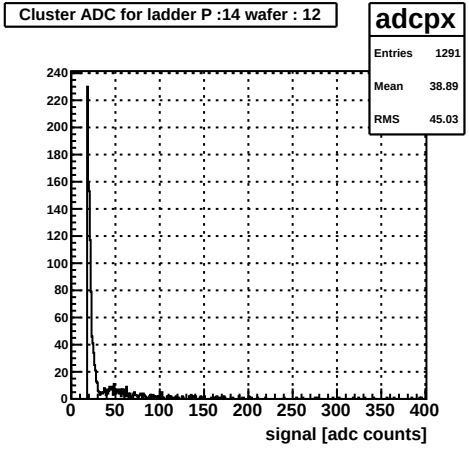

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2215
Mean 33.53
RMS 42.08
signal [adc counts]

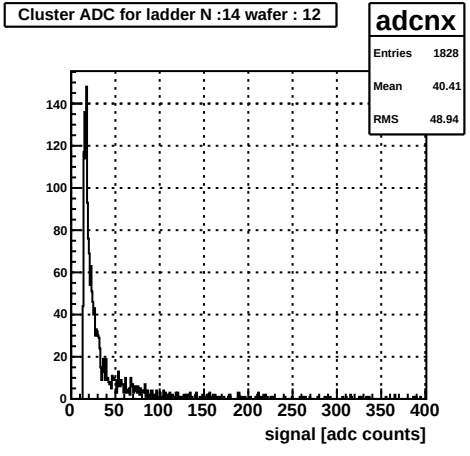

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 11200
Mean 24.47
RMS 19.73
signal [adc counts]

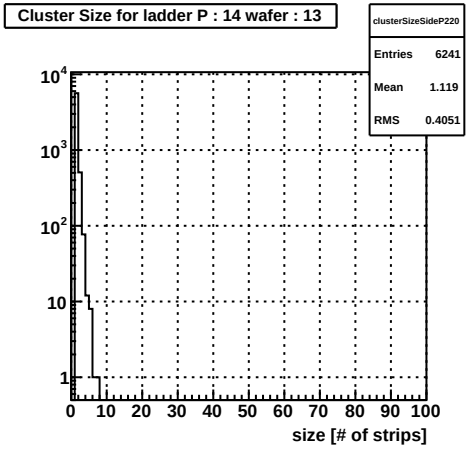

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1291
Mean 1.159
RMS 0.5814
size [# of strips]

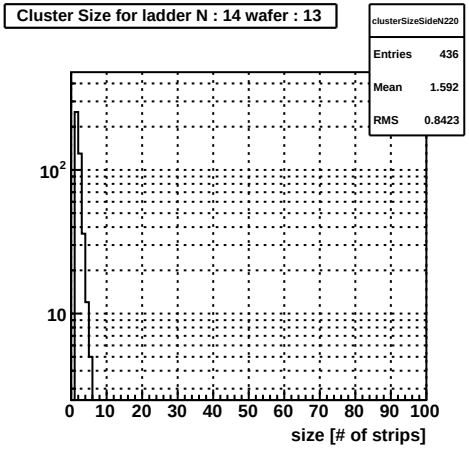

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1828
Mean 1.281
RMS 0.6849
size [# of strips]

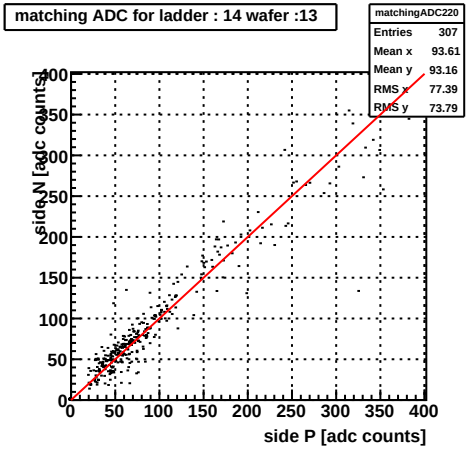

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 306
Mean x 85.02
Mean y 85.25
RMS x 64.37
RMS y 68.96
side N [adc counts]
side P [adc counts]

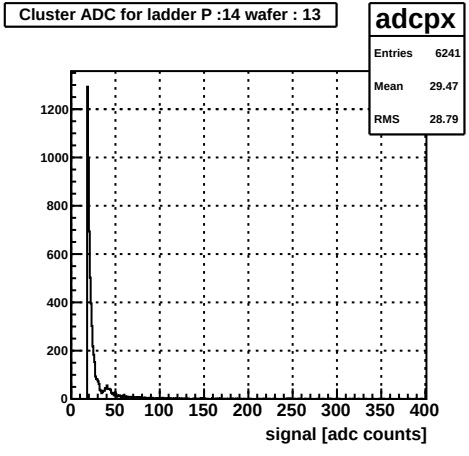

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1291
Mean 38.89
RMS 45.03
signal [adc counts]

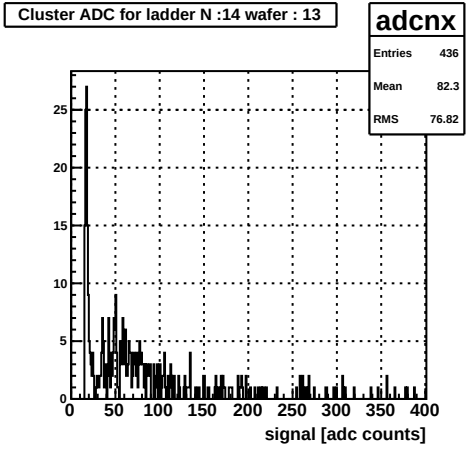

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1828
Mean 40.41
RMS 48.94
signal [adc counts]

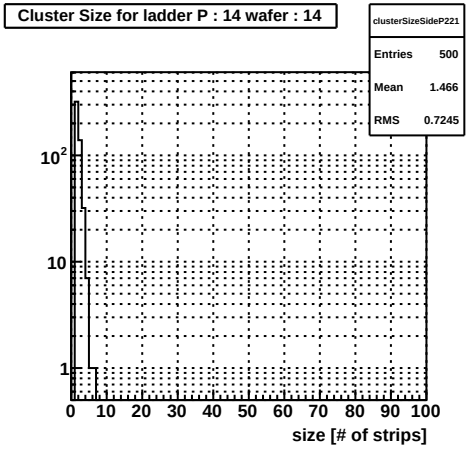

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6241
Mean 1.119
RMS 0.4051
size [# of strips]

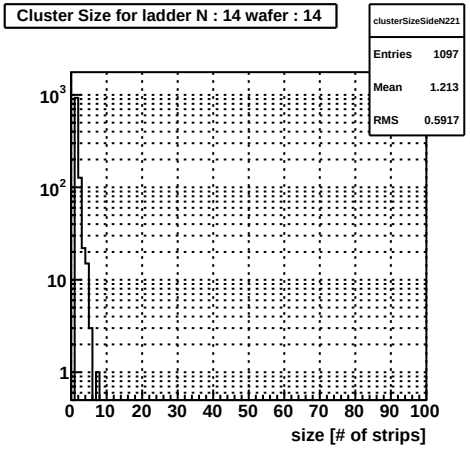

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 436
Mean 1.592
RMS 0.8423
size [# of strips]

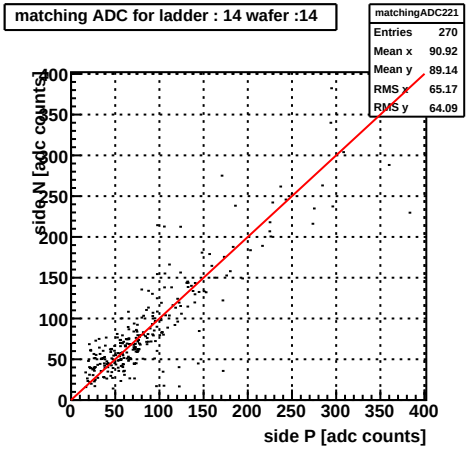

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 307
Mean x 93.61
Mean y 93.16
RMS x 77.39
RMS y 73.79
side N [adc counts]
side P [adc counts]

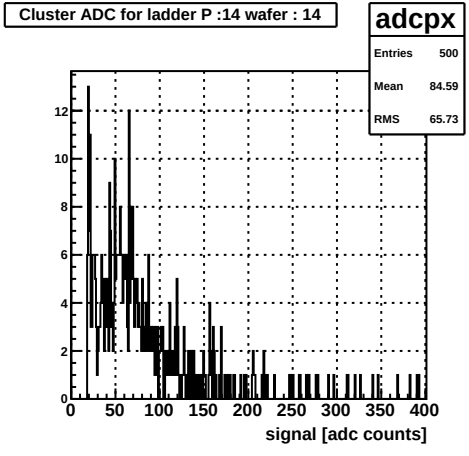

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6241
Mean 29.47
RMS 28.79
signal [adc counts]

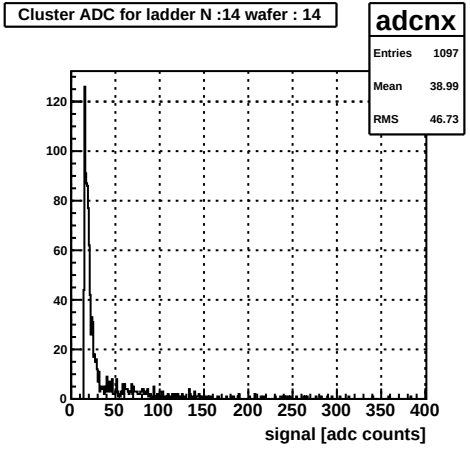

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 436
Mean 82.3
RMS 76.82
signal [adc counts]

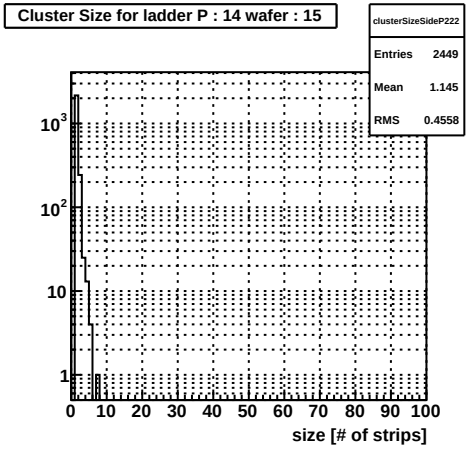

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 500
Mean 1.466
RMS 0.7245
size [# of strips]

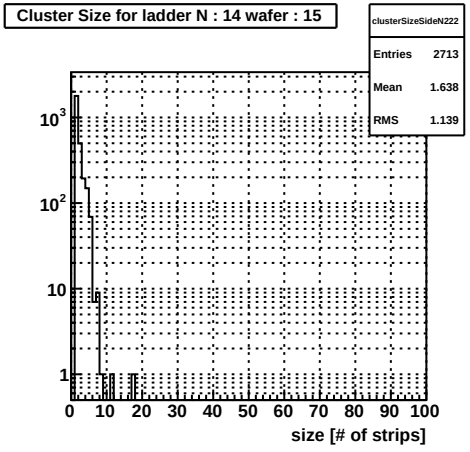

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1097
Mean 1.213
RMS 0.5917
size [# of strips]

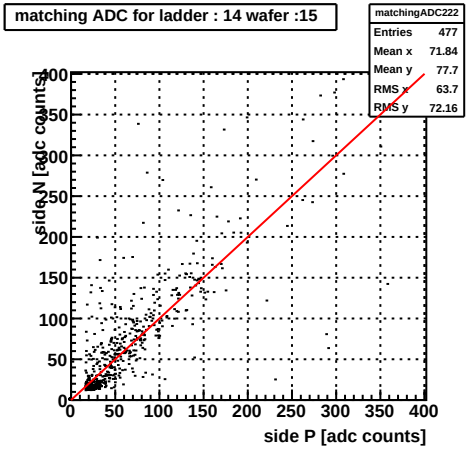

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 270
Mean x 90.92
Mean y 89.14
RMS x 65.17
RMS y 64.09
side N [adc counts]
side P [adc counts]

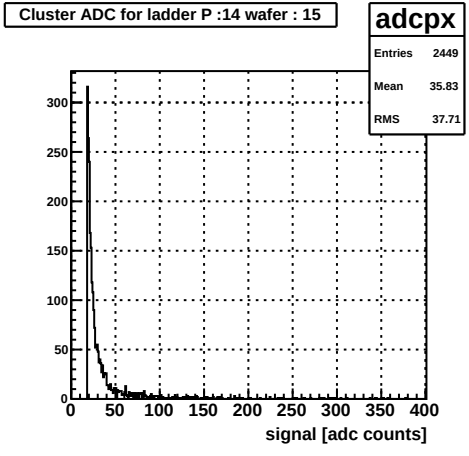

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 500
Mean 84.59
RMS 65.73
signal [adc counts]

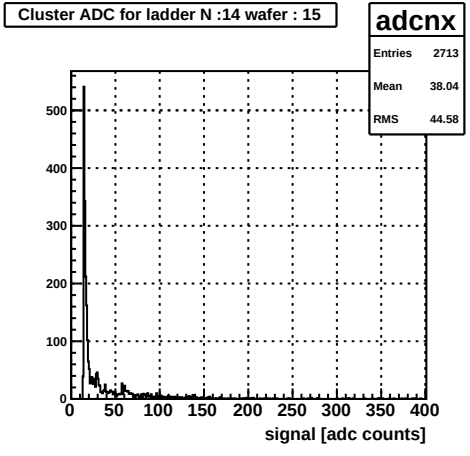

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1097
Mean 38.99
RMS 46.73
signal [adc counts]

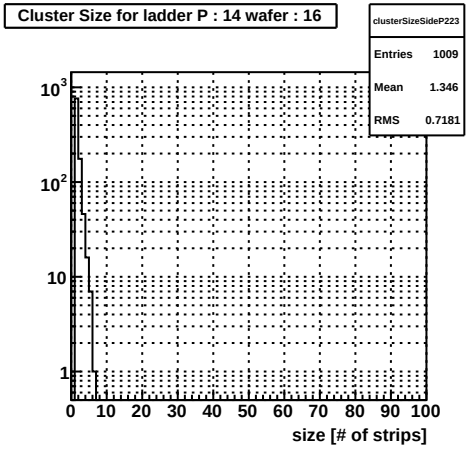

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2449
Mean 1.145
RMS 0.4558
size [# of strips]

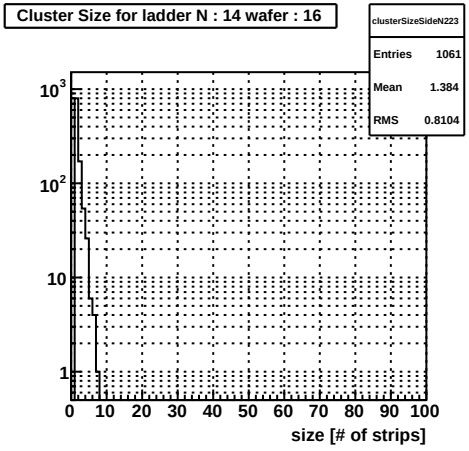

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2713
Mean 1.638
RMS 1.139
size [# of strips]

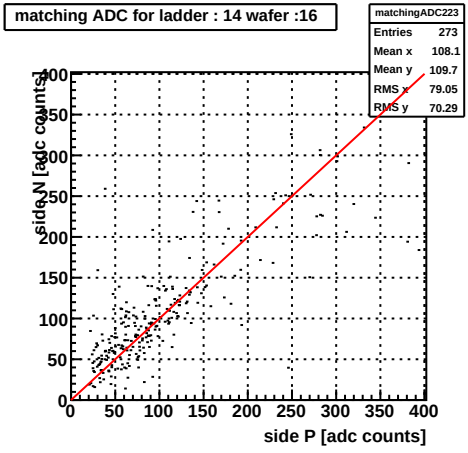

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 477
Mean x 71.84
Mean y 77.7
RMS x 63.7
RMS y 72.16
side N [adc counts]
side P [adc counts]

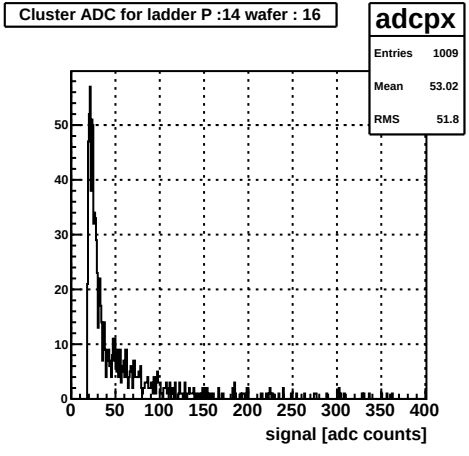

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2449
Mean 35.83
RMS 37.71
signal [adc counts]

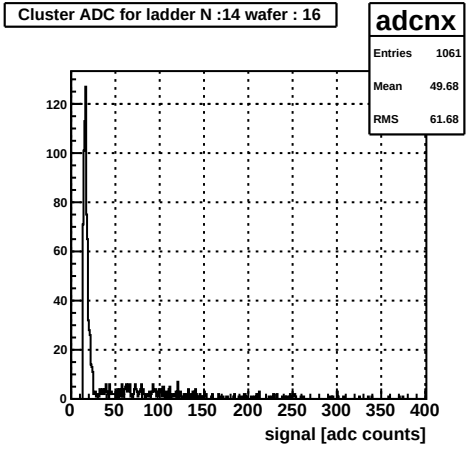

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2713
Mean 38.04
RMS 44.58
signal [adc counts]

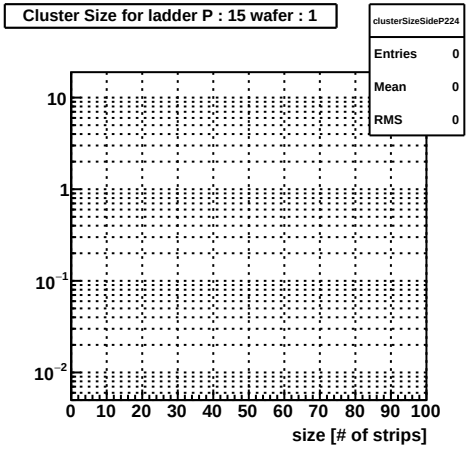

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1009
Mean 1.346
RMS 0.7181
size [# of strips]

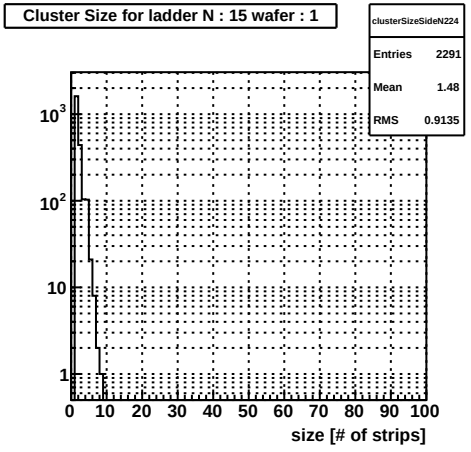

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1061
Mean 1.384
RMS 0.8104
size [# of strips]

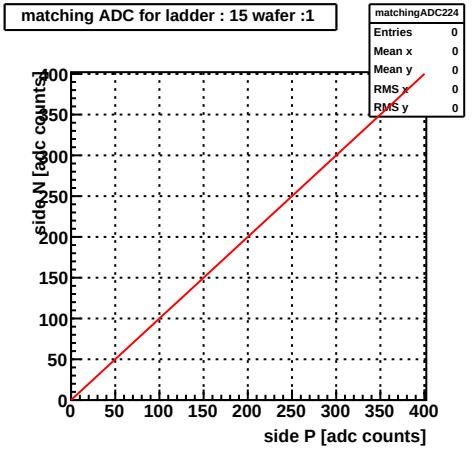

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 273
Mean x 108.1
Mean y 109.7
RMS x 79.05
RMS y 70.29
side N [adc counts]
side P [adc counts]

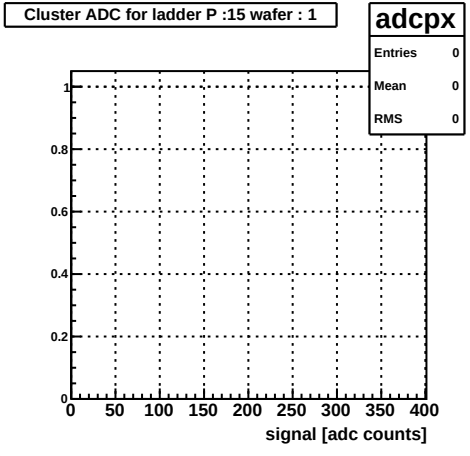

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1009
Mean 53.02
RMS 51.8
signal [adc counts]

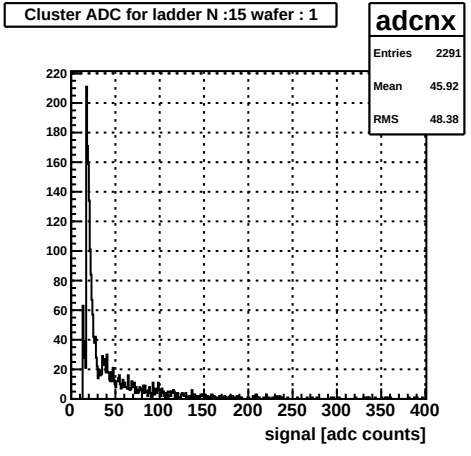

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1061
Mean 49.68
RMS 61.68
signal [adc counts]

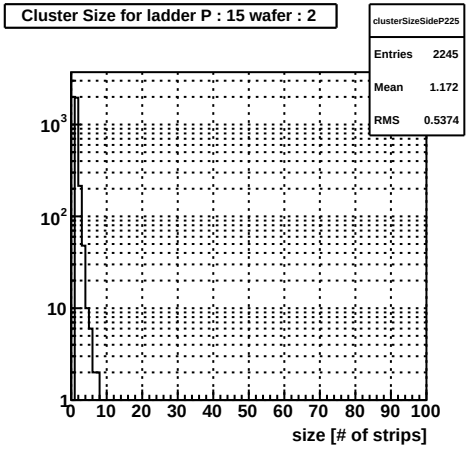

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

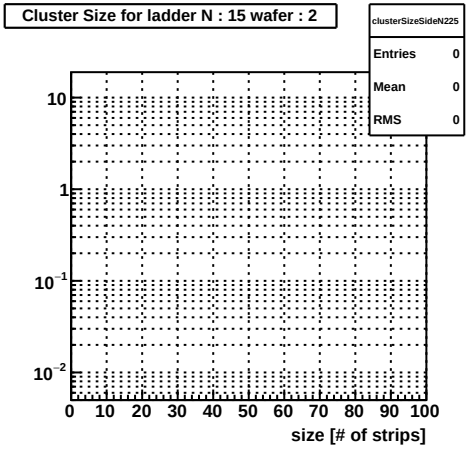

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2291
Mean 1.48
RMS 0.9135
size [# of strips]

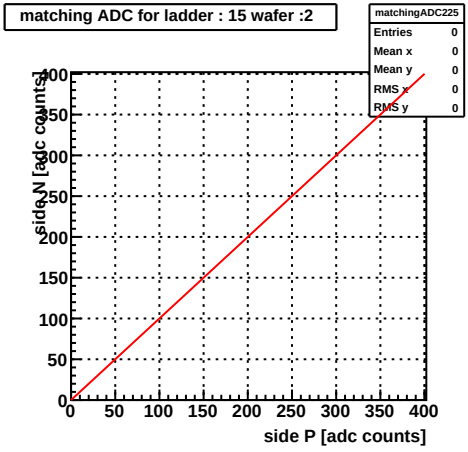

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

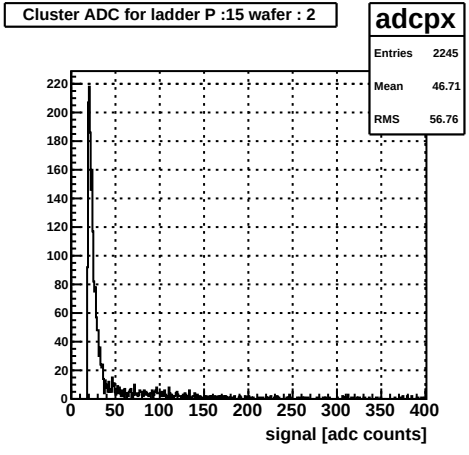

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

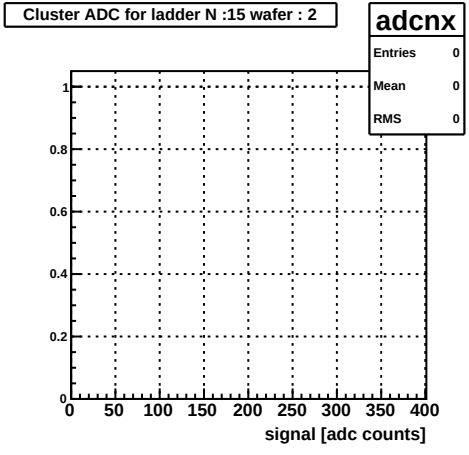

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2291
Mean 45.92
RMS 48.38
signal [adc counts]

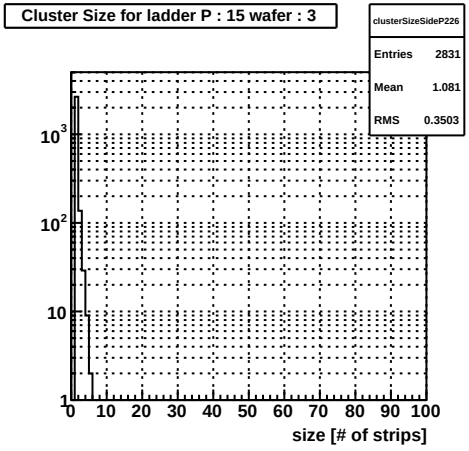

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2245
Mean 1.172
RMS 0.5374
size [# of strips]

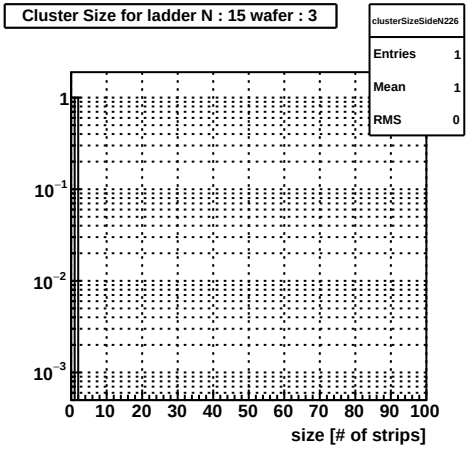

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

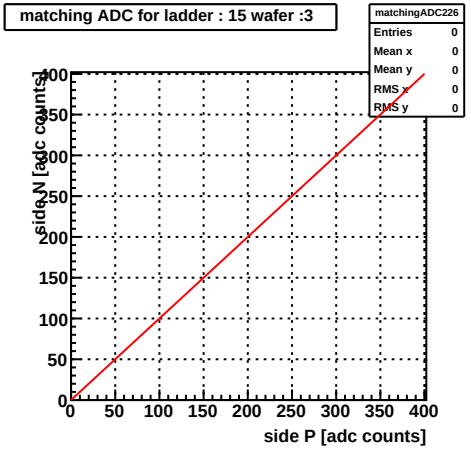

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

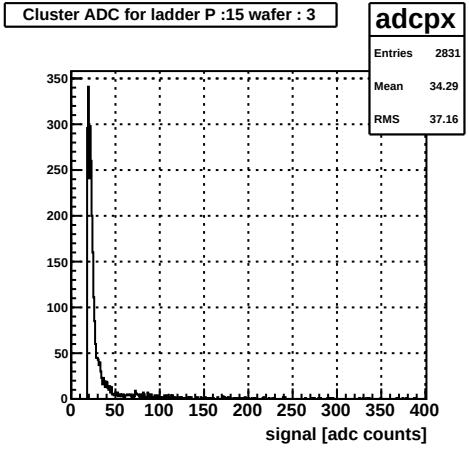

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2245
Mean 46.71
RMS 56.76
signal [adc counts]

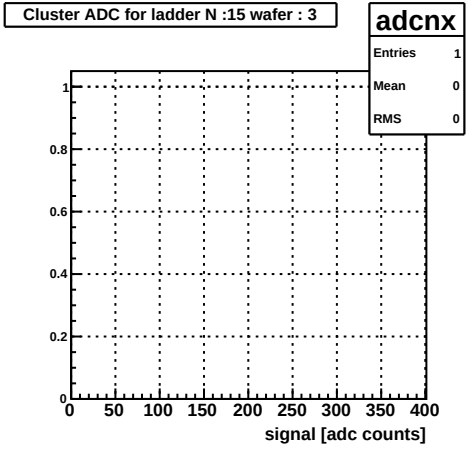

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

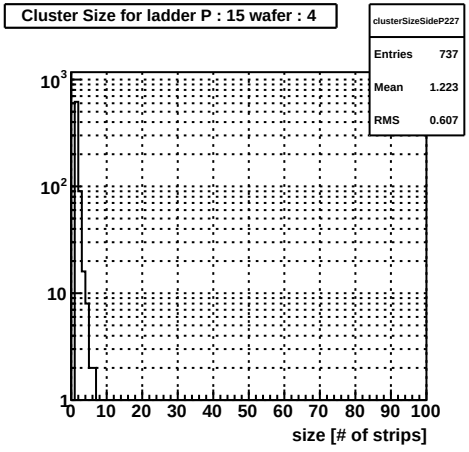

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2831
Mean 1.081
RMS 0.3503
size [# of strips]

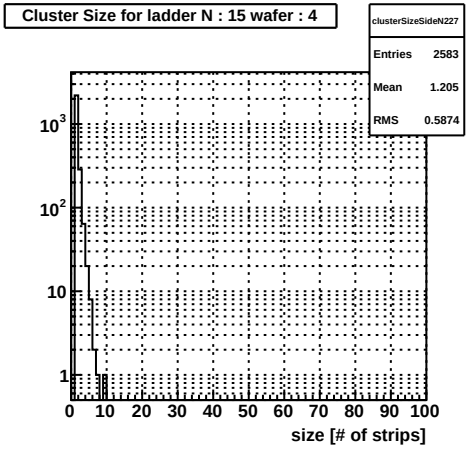

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

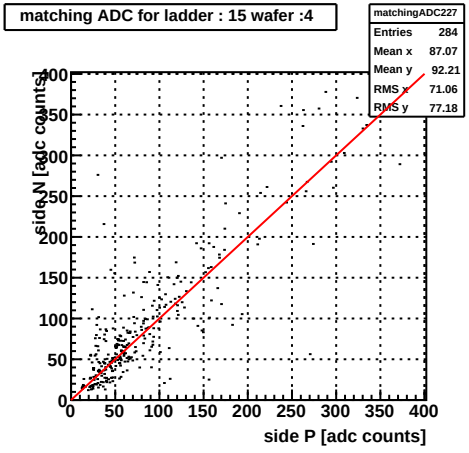

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

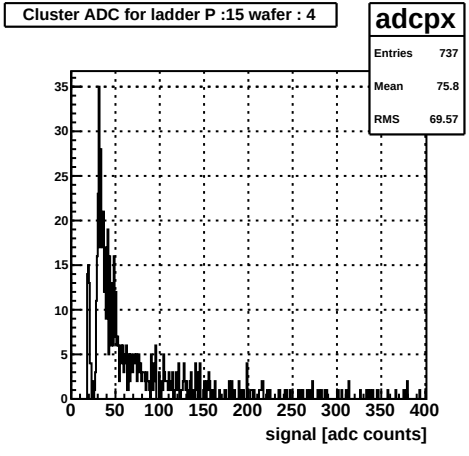

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2831
Mean 34.29
RMS 37.16
signal [adc counts]

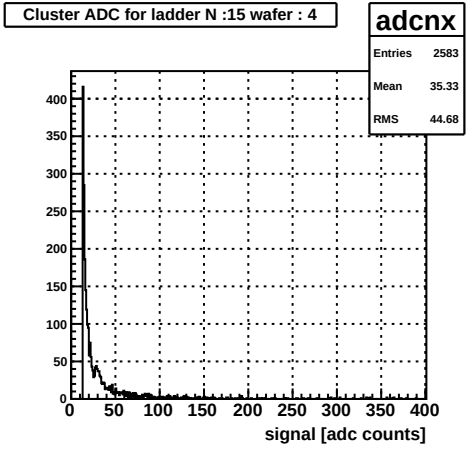

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

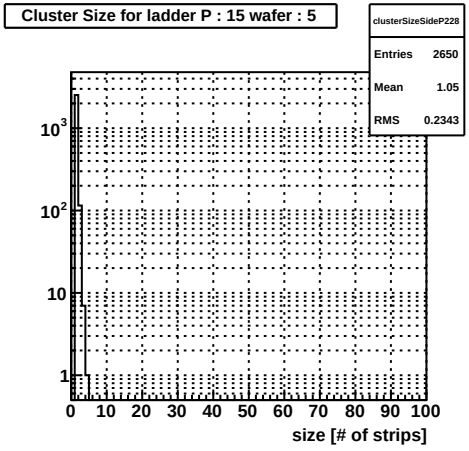

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 737
Mean 1.223
RMS 0.607
size [# of strips]

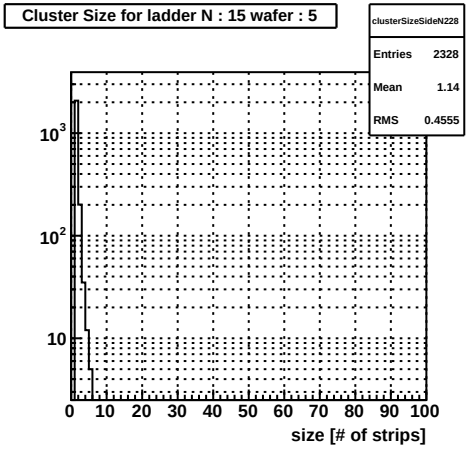

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2583
Mean 1.205
RMS 0.5874
size [# of strips]

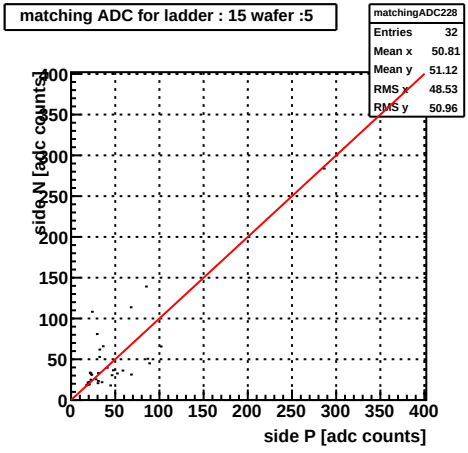

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 284
Mean x 87.07
Mean y 92.21
RMS x 71.06
RMS y 77.18
side N [adc counts]
side P [adc counts]

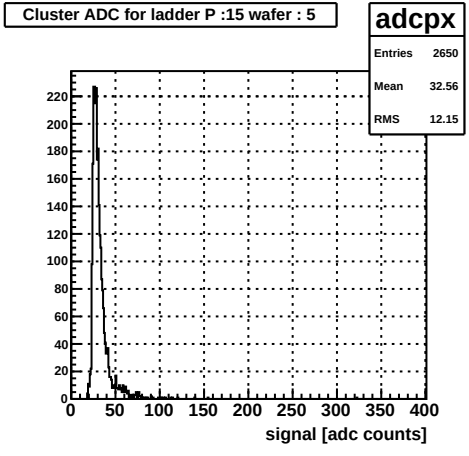

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 737
Mean 75.8
RMS 69.57
signal [adc counts]

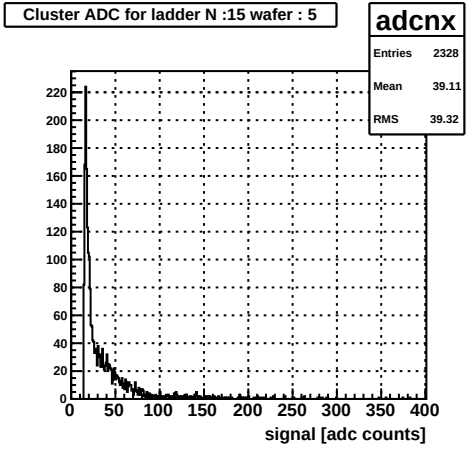

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2583
Mean 35.33
RMS 44.68
signal [adc counts]

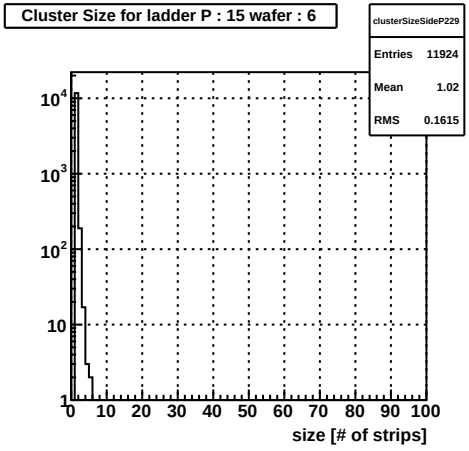

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2650
Mean 1.05
RMS 0.2343
size [# of strips]

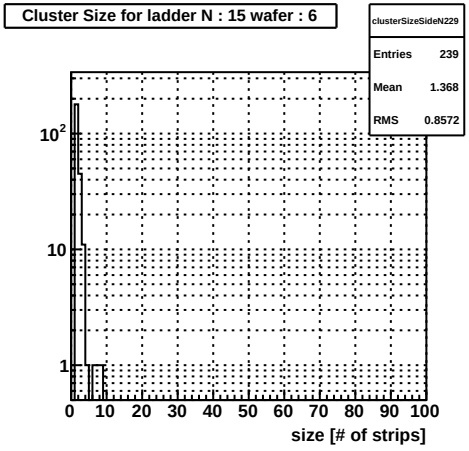

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2328
Mean 1.14
RMS 0.4555
size [# of strips]

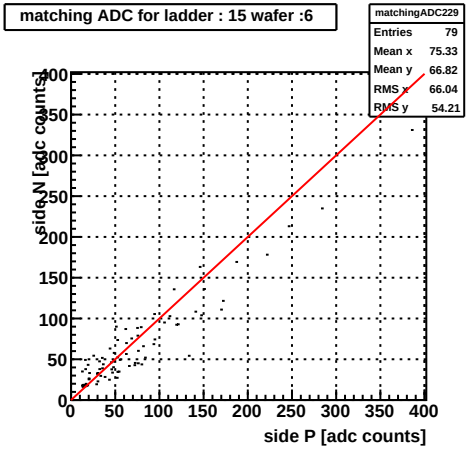

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 32
Mean x 50.81
Mean y 51.12
RMS x 48.53
RMS y 50.96
side N [adc counts]
side P [adc counts]

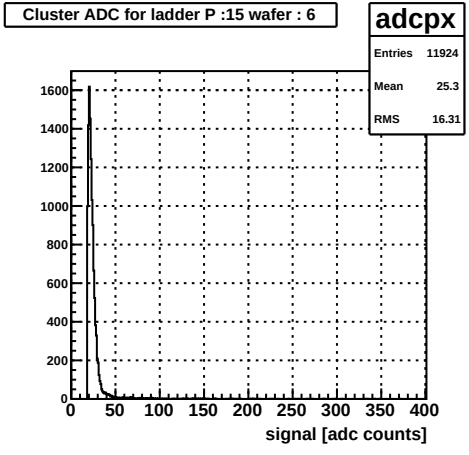

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2650
Mean 32.56
RMS 12.15
signal [adc counts]

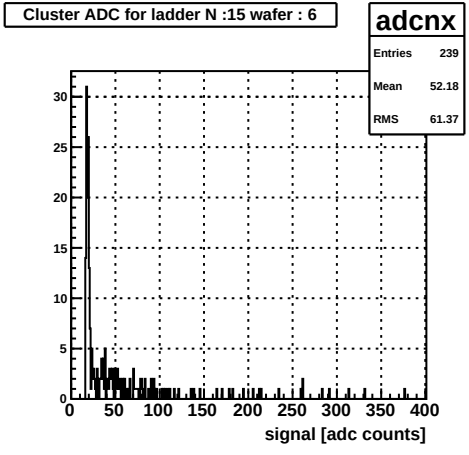

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2328
Mean 39.11
RMS 39.32
signal [adc counts]

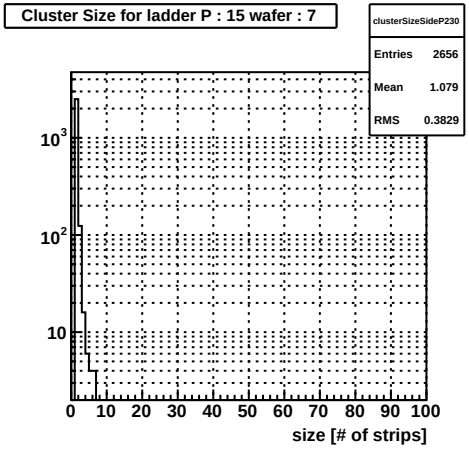

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11924
Mean 1.02
RMS 0.1615
size [# of strips]

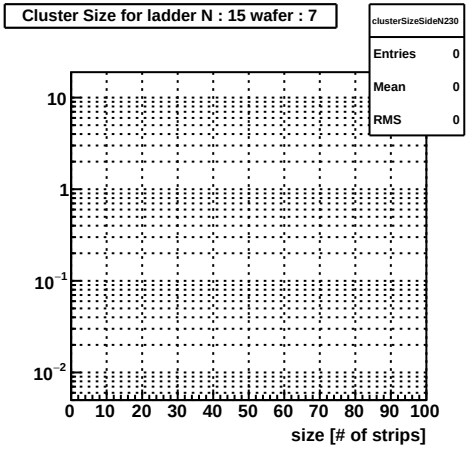

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 239
Mean 1.368
RMS 0.8572
size [# of strips]

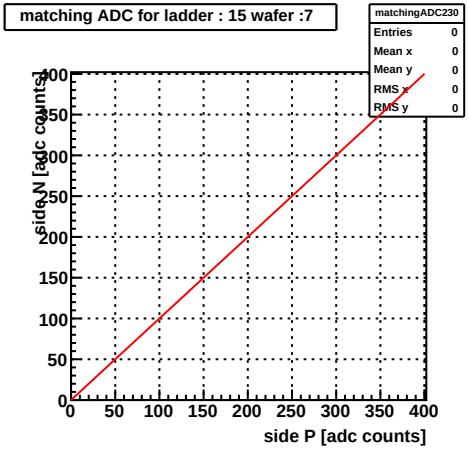

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 79
Mean x 75.33
Mean y 66.82
RMS x 66.04
RMS y 54.21
side N [adc counts]
side P [adc counts]

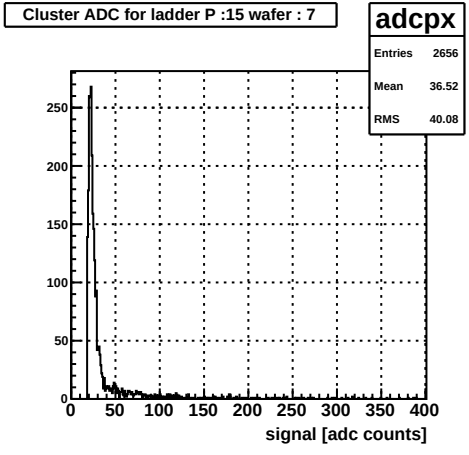

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11924
Mean 25.3
RMS 16.31
signal [adc counts]

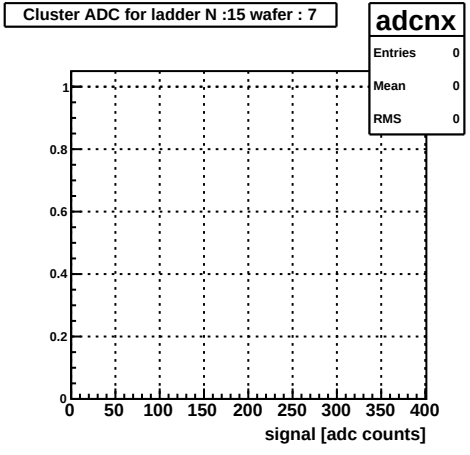

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 239
Mean 52.18
RMS 61.37
signal [adc counts]

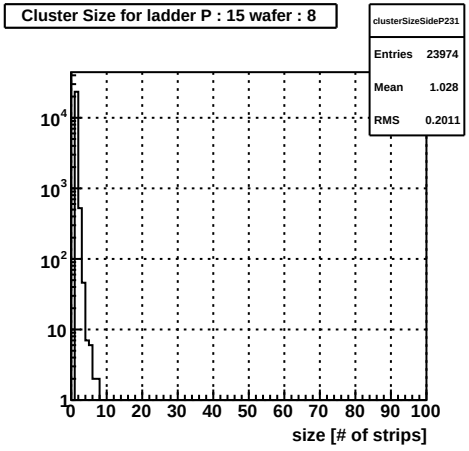

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2656
Mean 1.079
RMS 0.3829
size [# of strips]

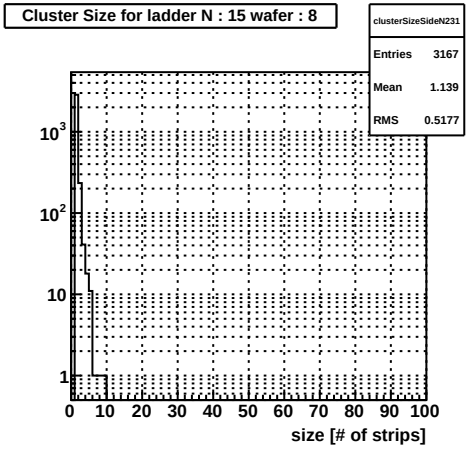

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

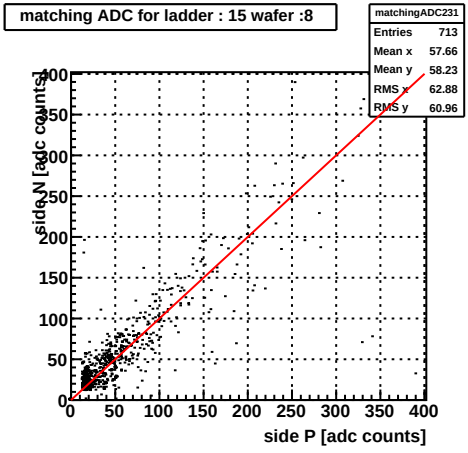

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

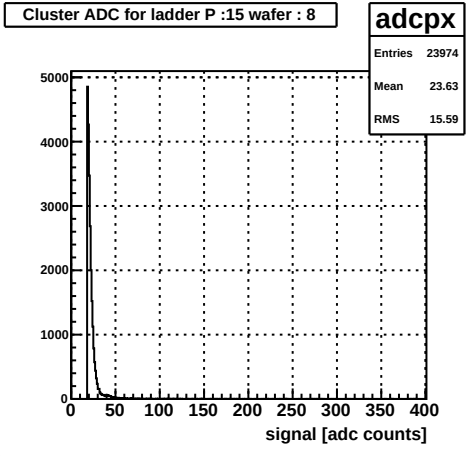

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2656
Mean 36.52
RMS 40.08
signal [adc counts]

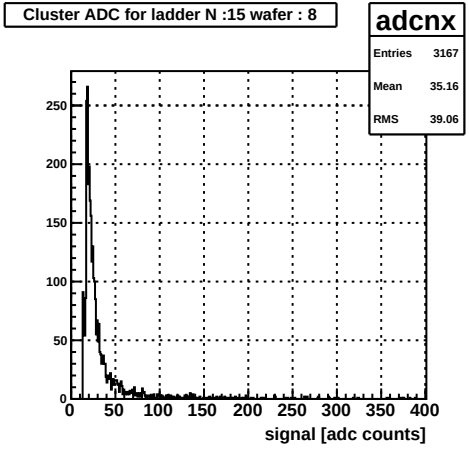

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

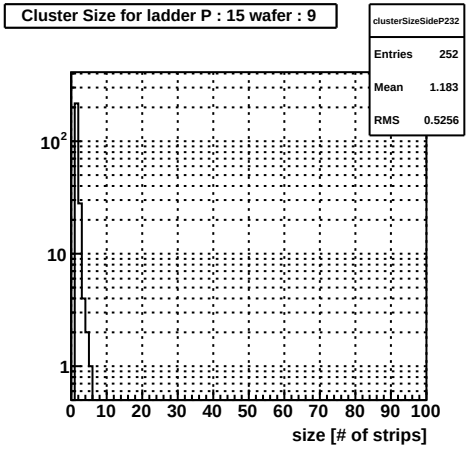

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 23974
Mean 1.028
RMS 0.2011
size [# of strips]

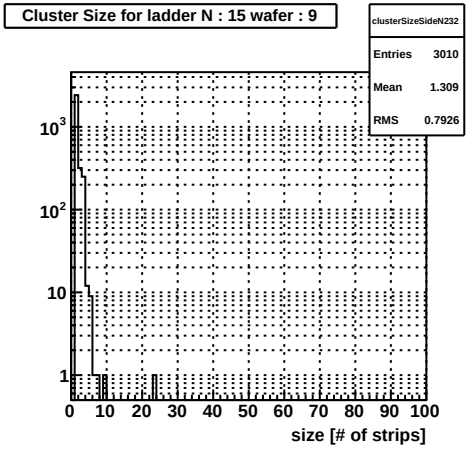

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3167
Mean 1.139
RMS 0.5177
size [# of strips]

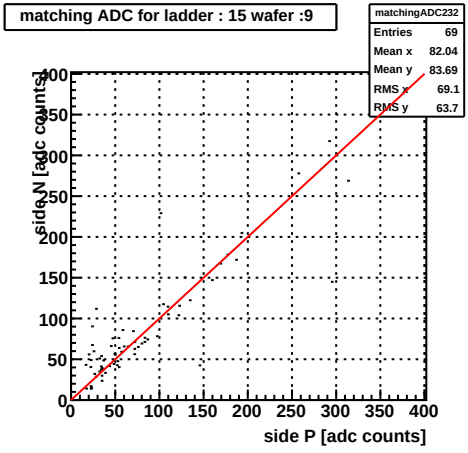

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 713
Mean x 57.66
Mean y 58.23
RMS x 62.88
RMS y 60.96
side N [adc counts]
side P [adc counts]

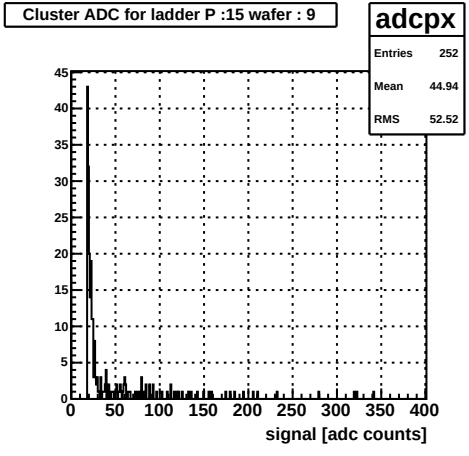

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 23974
Mean 23.63
RMS 15.59
signal [adc counts]

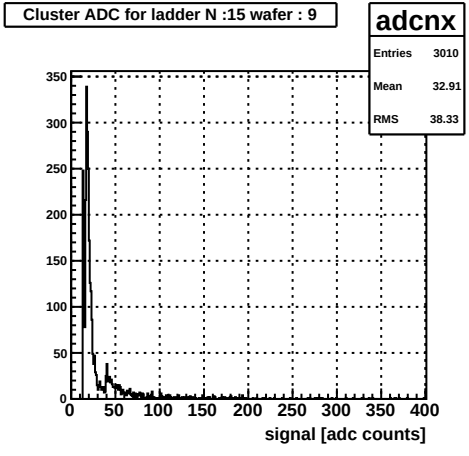

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3167
Mean 35.16
RMS 39.06
signal [adc counts]

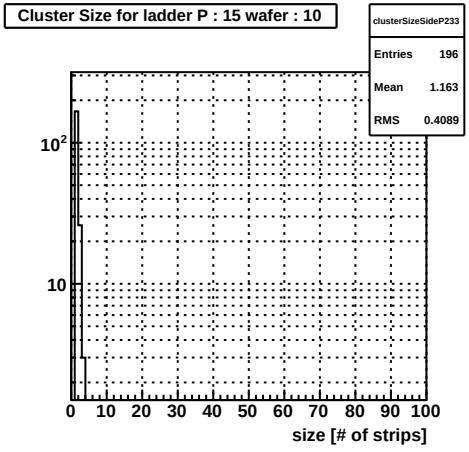

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 252
Mean 1.183
RMS 0.5256
size [# of strips]

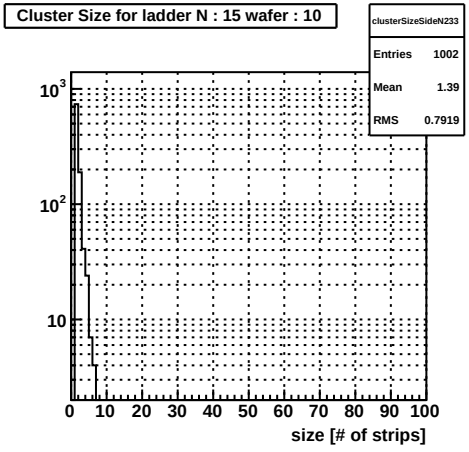

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3010
Mean 1.309
RMS 0.7926
size [# of strips]

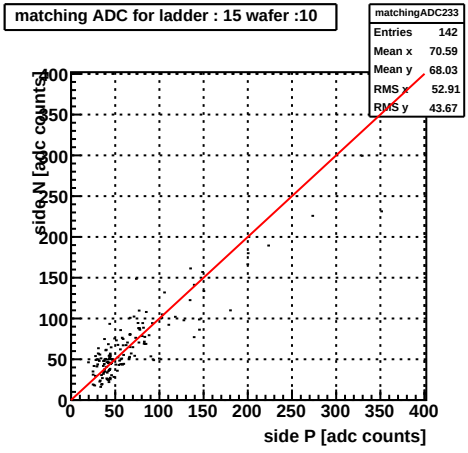

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 69
Mean x 82.04
Mean y 83.69
RMS x 69.1
RMS y 63.7
side N [adc counts]
side P [adc counts]

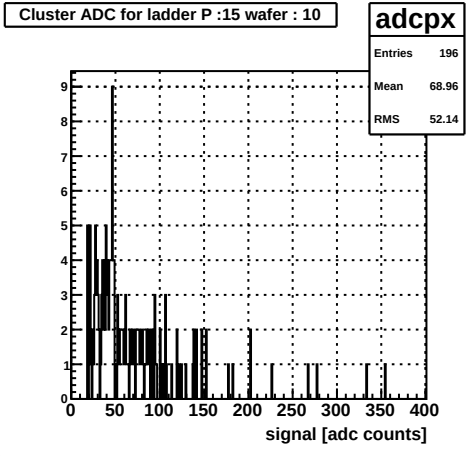

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 252
Mean 44.94
RMS 52.52
signal [adc counts]

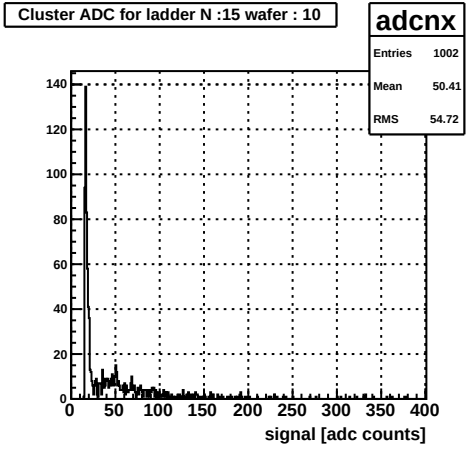

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3010
Mean 32.91
RMS 38.33
signal [adc counts]

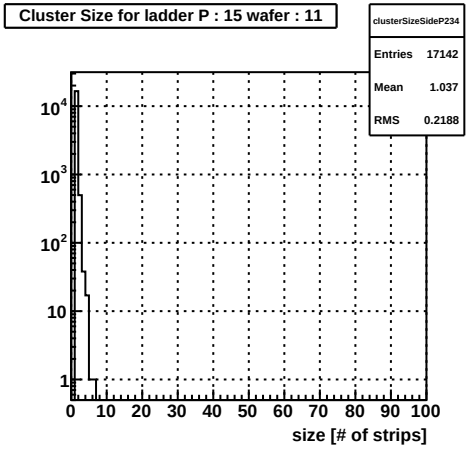

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 196
Mean 1.163
RMS 0.4089
size [# of strips]

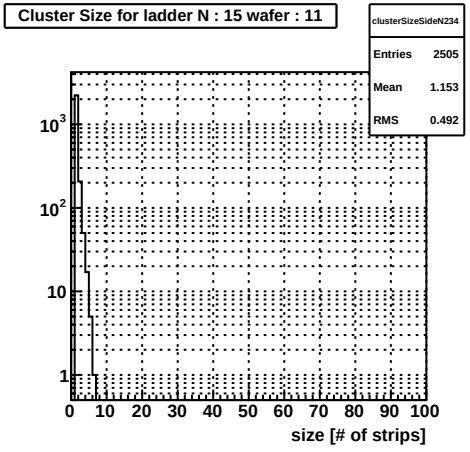

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1002
Mean 1.39
RMS 0.7919
size [# of strips]

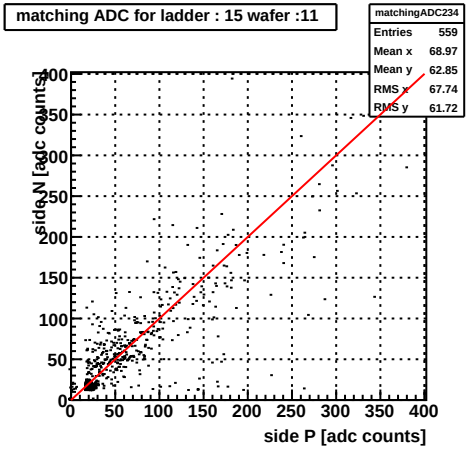

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 142
Mean x 70.59
Mean y 68.03
RMS x 52.91
RMS y 43.67
side N [adc counts]
side P [adc counts]

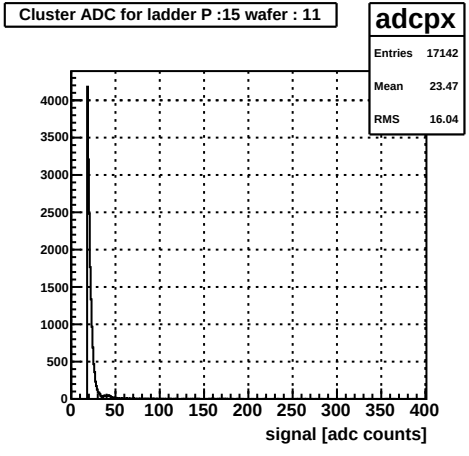

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 196
Mean 68.96
RMS 52.14
signal [adc counts]

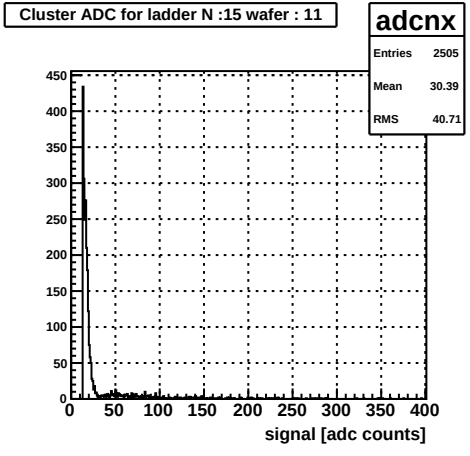

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1002
Mean 50.41
RMS 54.72
signal [adc counts]

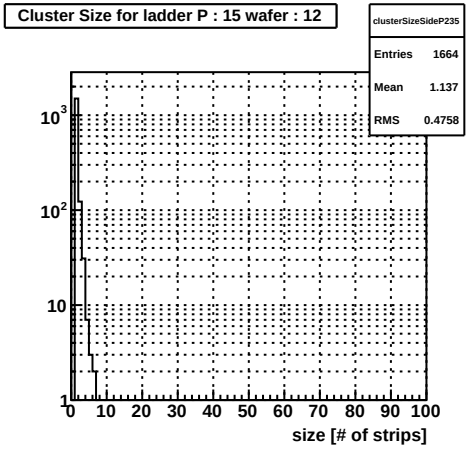

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 17142
Mean 1.037
RMS 0.2188
size [# of strips]

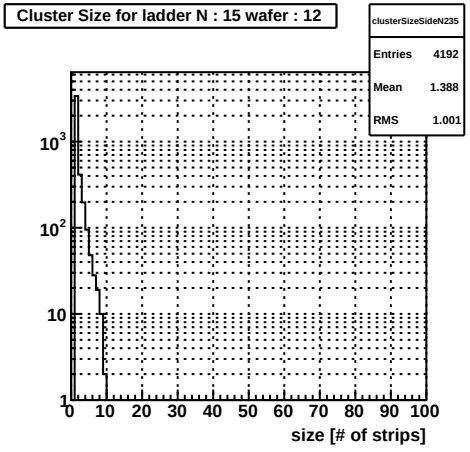

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2505
Mean 1.153
RMS 0.492
size [# of strips]

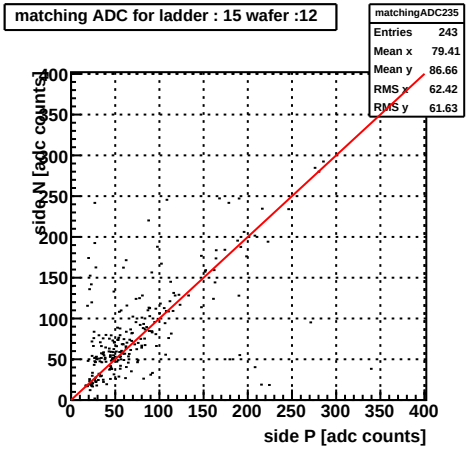

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 559
Mean x 68.97
Mean y 62.85
RMS x 67.74
RMS y 61.72
side N [adc counts]
side P [adc counts]

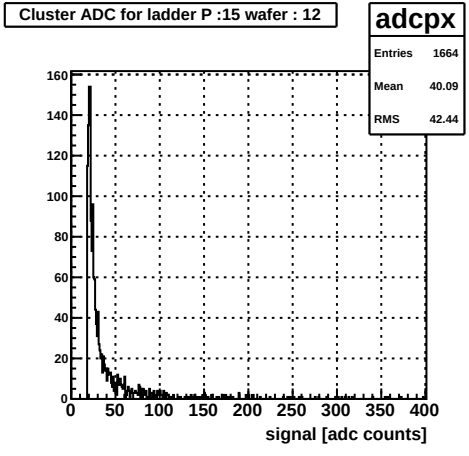

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 17142
Mean 23.47
RMS 16.04
signal [adc counts]

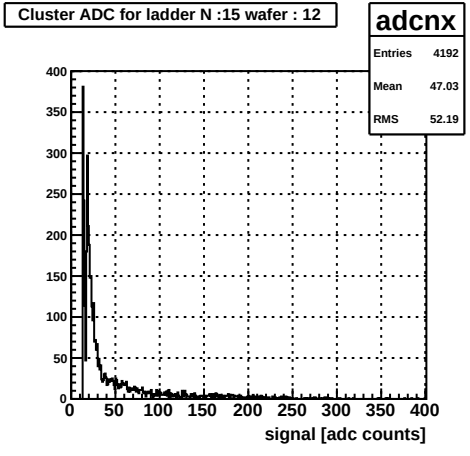

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2505
Mean 30.39
RMS 40.71
signal [adc counts]

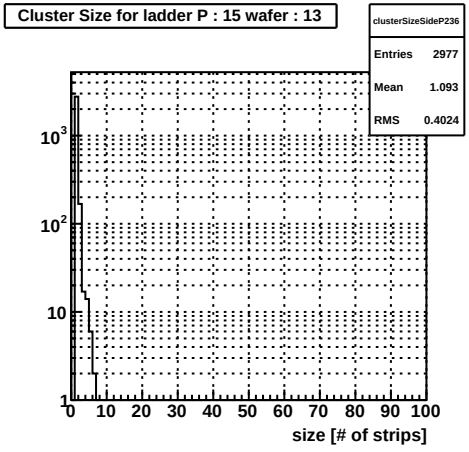

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1664
Mean 1.137
RMS 0.4758
size [# of strips]

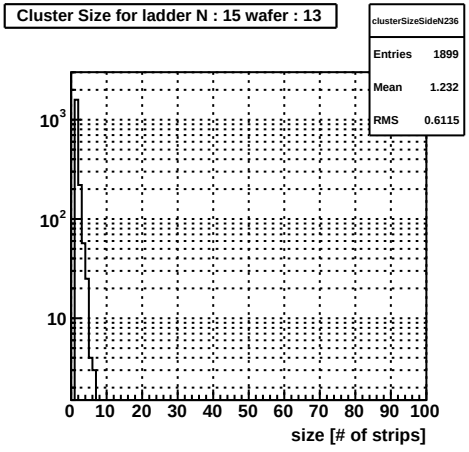

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4192
Mean 1.388
RMS 1.001
size [# of strips]

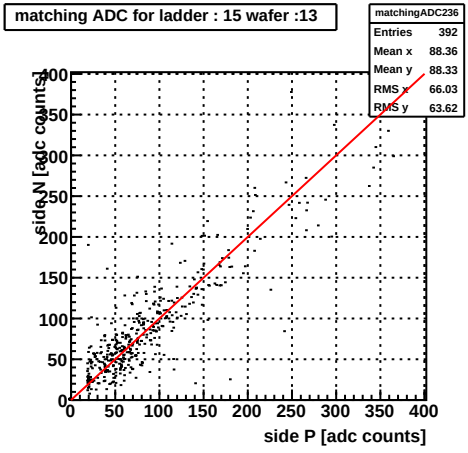

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 243
Mean x 79.41
Mean y 86.66
RMS x 62.42
RMS y 61.63
side N [adc counts]
side P [adc counts]

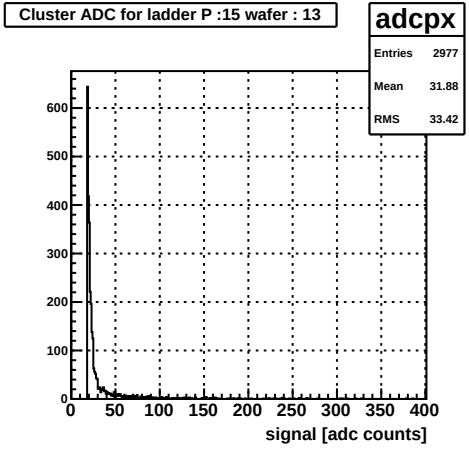

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1664
Mean 40.09
RMS 42.44
signal [adc counts]

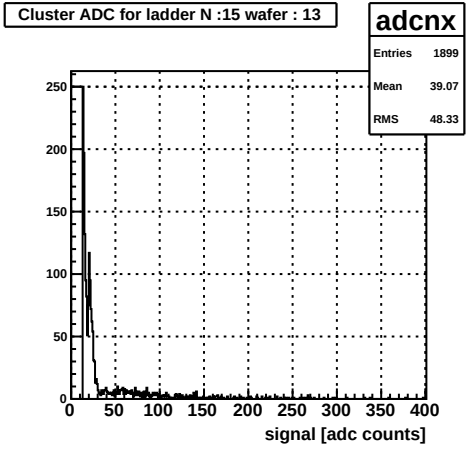

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4192
Mean 47.03
RMS 52.19
signal [adc counts]

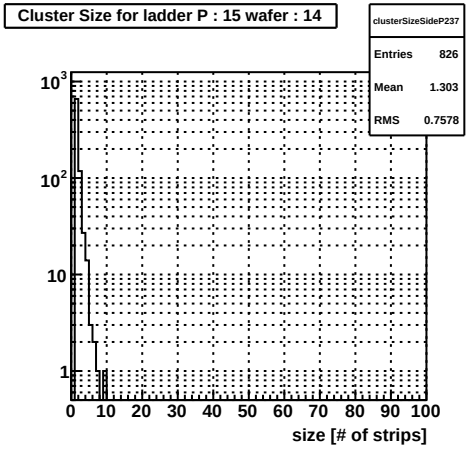

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2977
Mean 1.093
RMS 0.4024
size [# of strips]

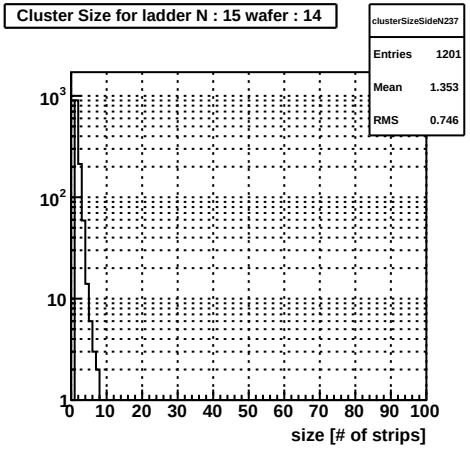

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1899
Mean 1.232
RMS 0.6115
size [# of strips]

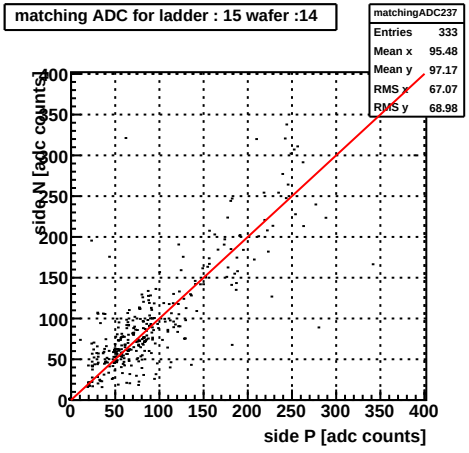

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 392
Mean x 88.36
Mean y 88.33
RMS x 66.03
RMS y 63.62
side N [adc counts]
side P [adc counts]

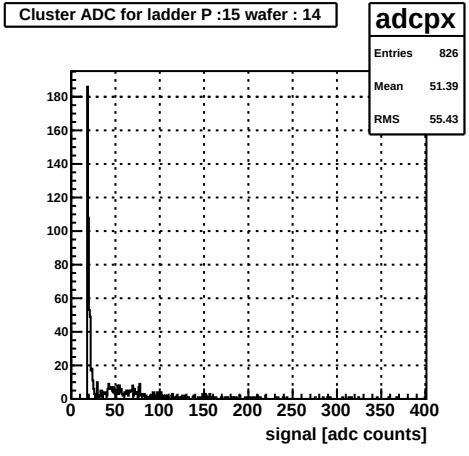

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2977
Mean 31.88
RMS 33.42
signal [adc counts]

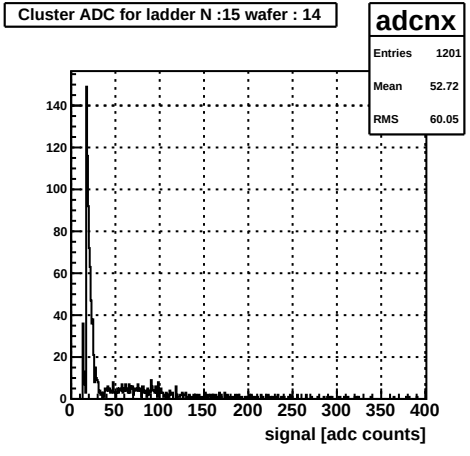

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1899
Mean 39.07
RMS 48.33
signal [adc counts]

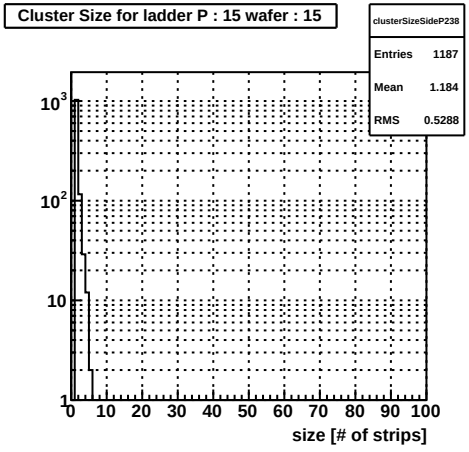

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 826
Mean 1.303
RMS 0.7578
size [# of strips]

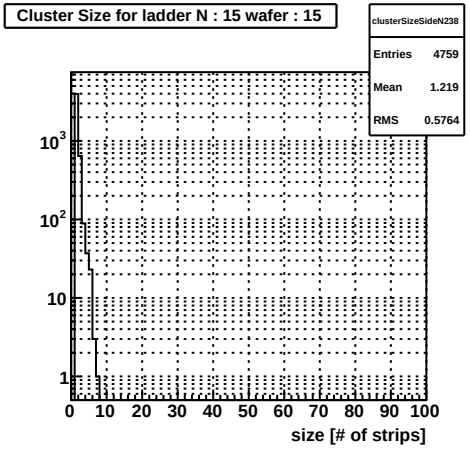

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1201
Mean 1.353
RMS 0.746
size [# of strips]

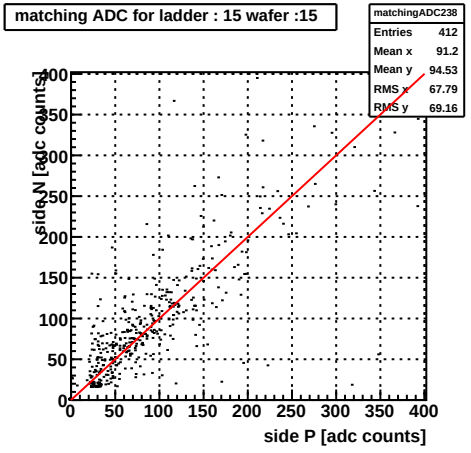

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 333
Mean x 95.48
Mean y 97.17
RMS x 67.07
RMS y 68.98
side N [adc counts]
side P [adc counts]

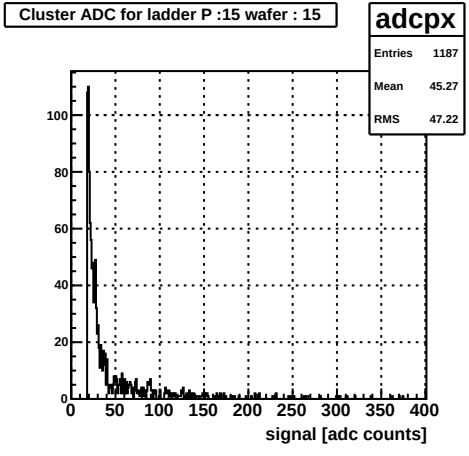

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 826
Mean 51.39
RMS 55.43
signal [adc counts]

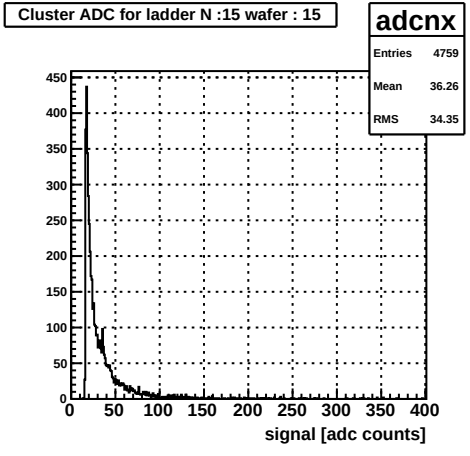

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1201
Mean 52.72
RMS 60.05
signal [adc counts]

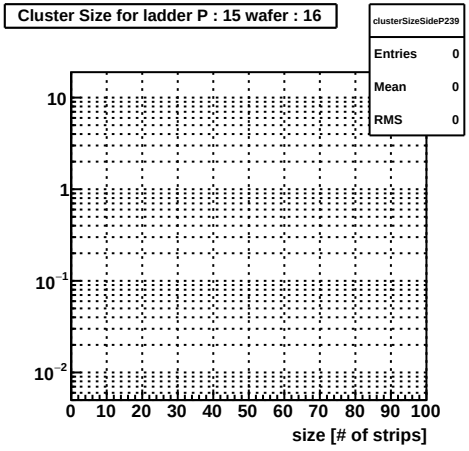

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1187
Mean 1.184
RMS 0.5288
size [# of strips]

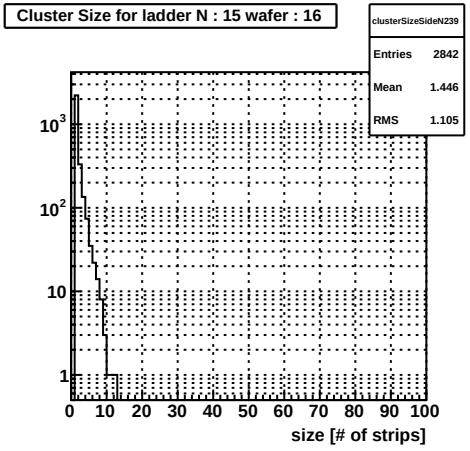

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4759
Mean 1.219
RMS 0.5764
size [# of strips]

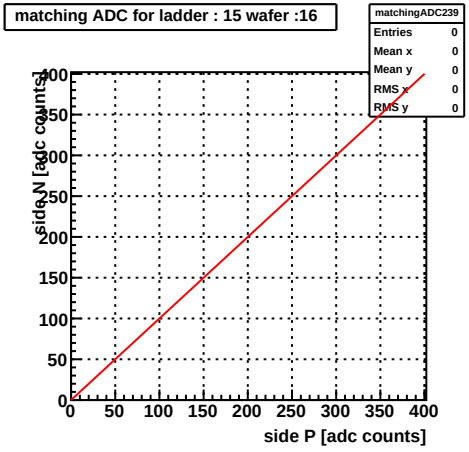

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 412
Mean x 91.2
Mean y 94.53
RMS x 67.79
RMS y 69.16
side N [adc counts]
side P [adc counts]

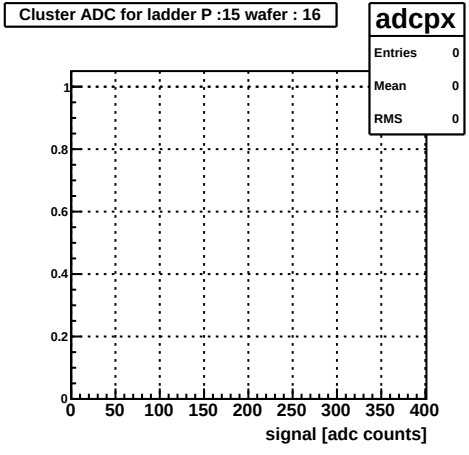

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1187
Mean 45.27
RMS 47.22
signal [adc counts]

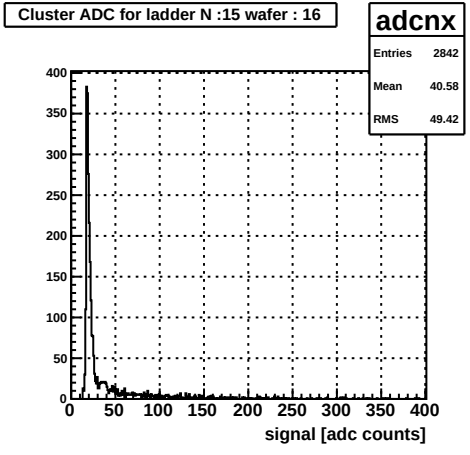

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4759
Mean 36.26
RMS 34.35
signal [adc counts]

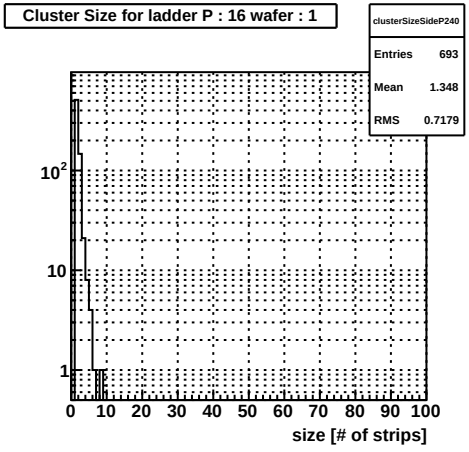

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

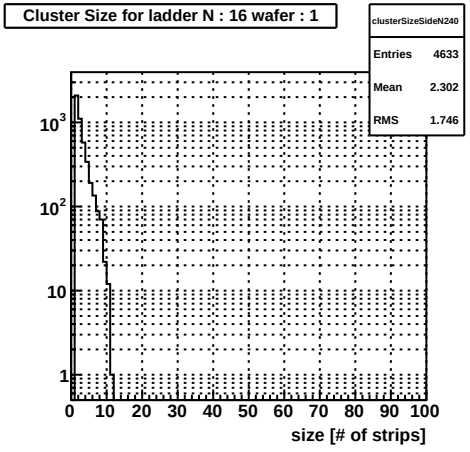

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2842
Mean 1.446
RMS 1.105
size [# of strips]

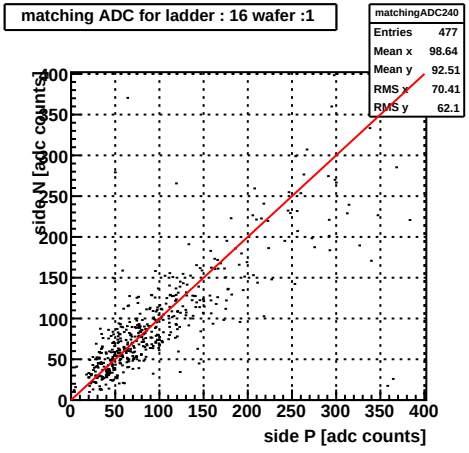

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

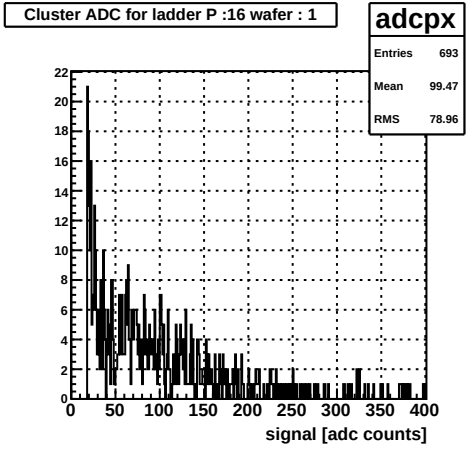

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

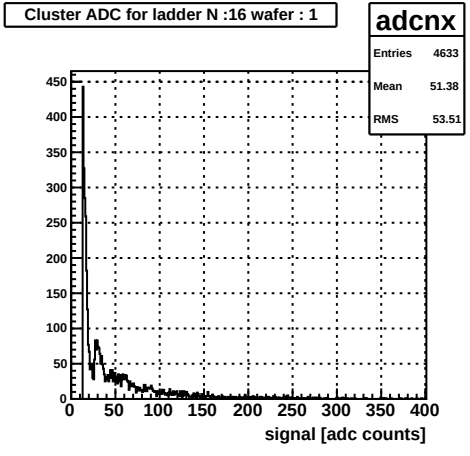

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2842
Mean 40.58
RMS 49.42
signal [adc counts]

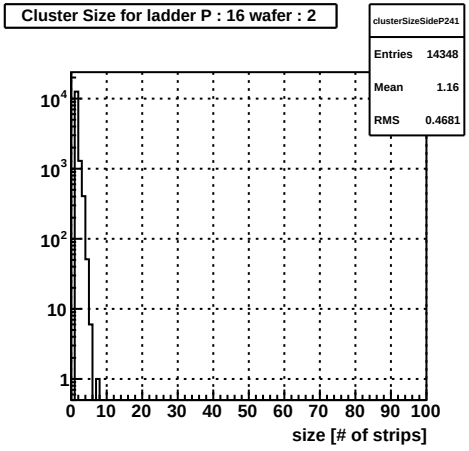

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 693
Mean 1.348
RMS 0.7179
size [# of strips]

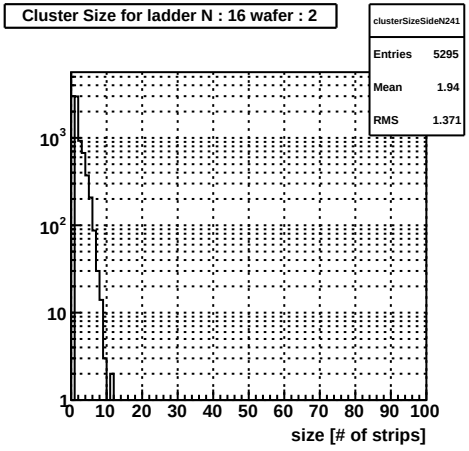

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4633
Mean 2.302
RMS 1.746
size [# of strips]

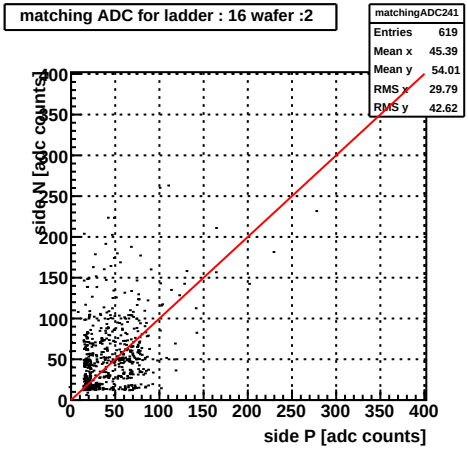

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 477
Mean x 98.64
Mean y 92.51
RMS x 70.41
RMS y 62.1
side N [adc counts]
side P [adc counts]

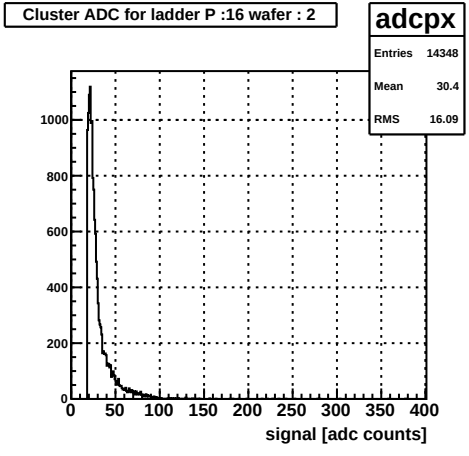

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 693
Mean 99.47
RMS 78.96
signal [adc counts]

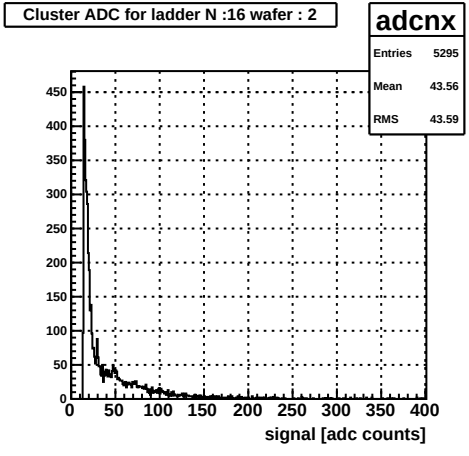

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4633
Mean 51.38
RMS 53.51
signal [adc counts]

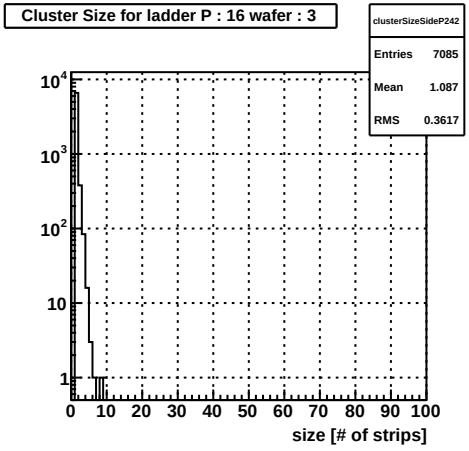

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14348
Mean 1.16
RMS 0.4681
size [# of strips]

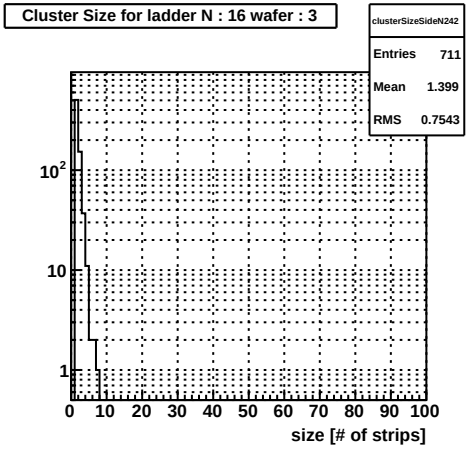

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5295
Mean 1.94
RMS 1.371
size [# of strips]

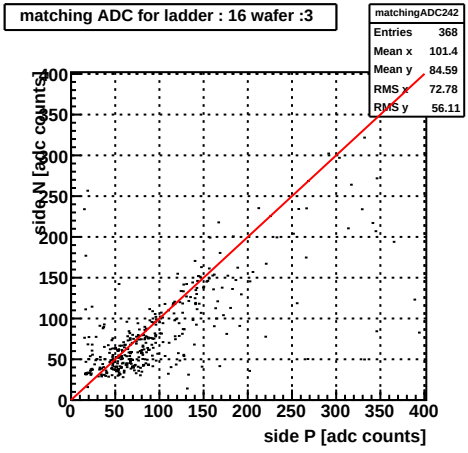

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 619
Mean x 45.39
Mean y 54.01
RMS x 29.79
RMS y 42.62
side N [adc counts]
side P [adc counts]

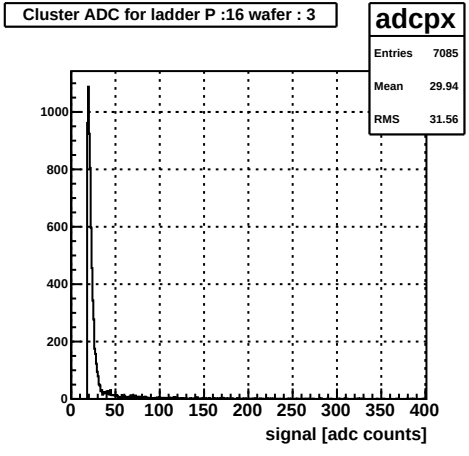

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14348
Mean 30.4
RMS 16.09
signal [adc counts]

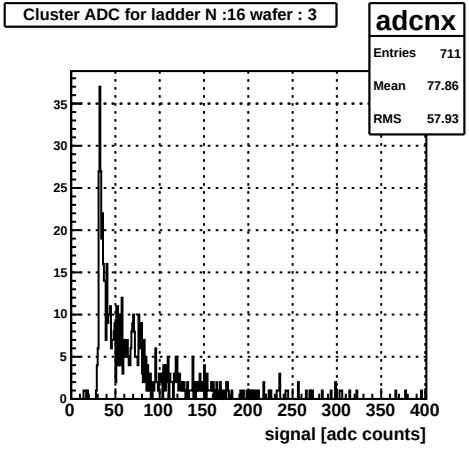

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5295
Mean 43.56
RMS 43.59
signal [adc counts]

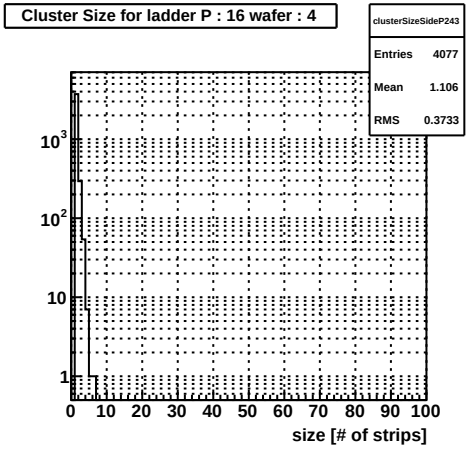

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7085
Mean 1.087
RMS 0.3617
size [# of strips]

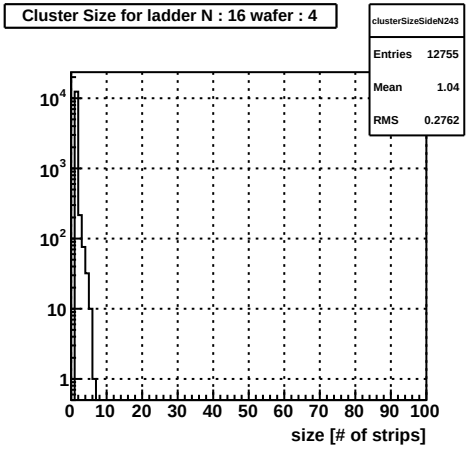

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 711
Mean 1.399
RMS 0.7543
size [# of strips]

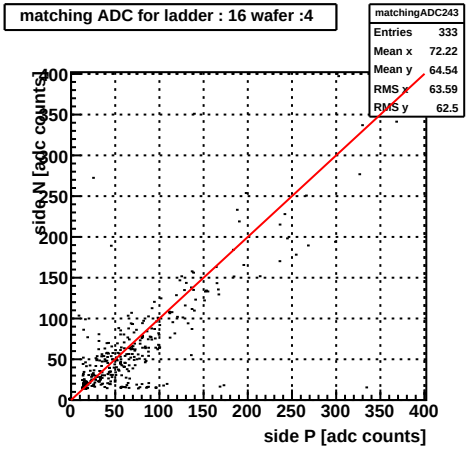

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 368
Mean x 101.4
Mean y 84.59
RMS x 72.78
RMS y 56.11
side N [adc counts]
side P [adc counts]

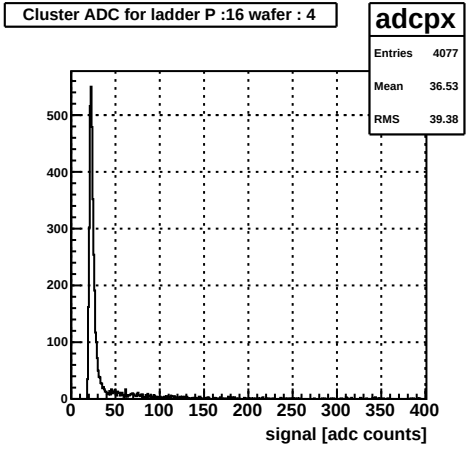

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7085
Mean 29.94
RMS 31.56
signal [adc counts]

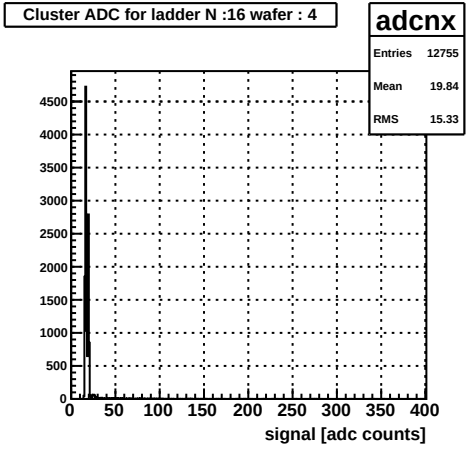

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 711
Mean 77.86
RMS 57.93
signal [adc counts]

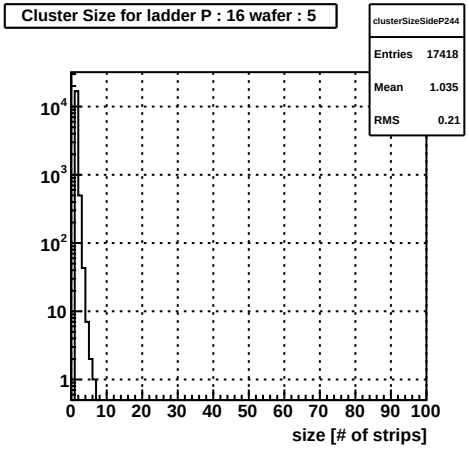

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4077
Mean 1.106
RMS 0.3733
size [# of strips]

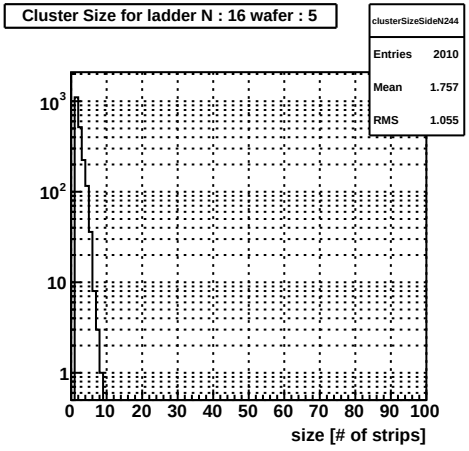

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 12755
Mean 1.04
RMS 0.2762
size [# of strips]

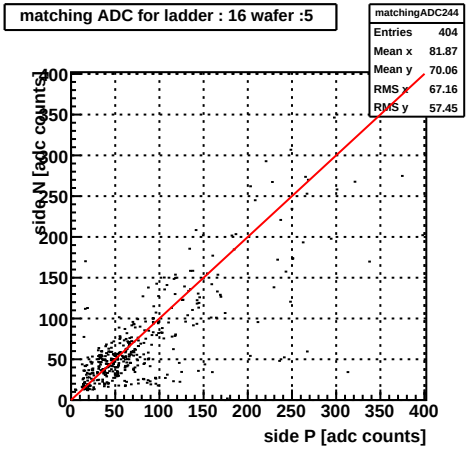

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 333
Mean x 72.22
Mean y 64.54
RMS x 63.59
RMS y 62.5
side N [adc counts]
side P [adc counts]

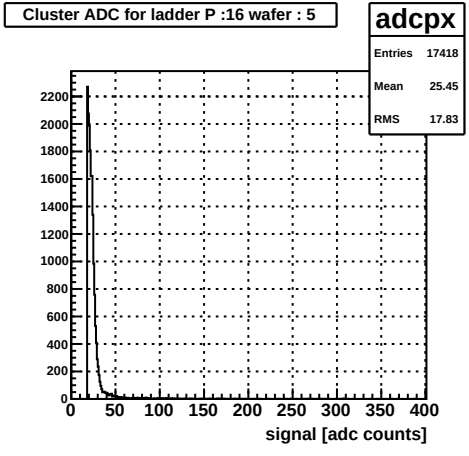

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4077
Mean 36.53
RMS 39.38
signal [adc counts]

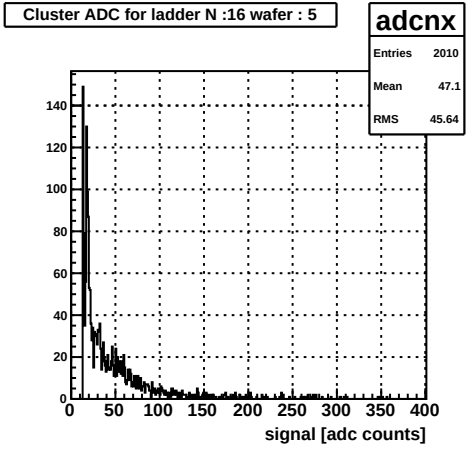

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 12755
Mean 19.84
RMS 15.33
signal [adc counts]

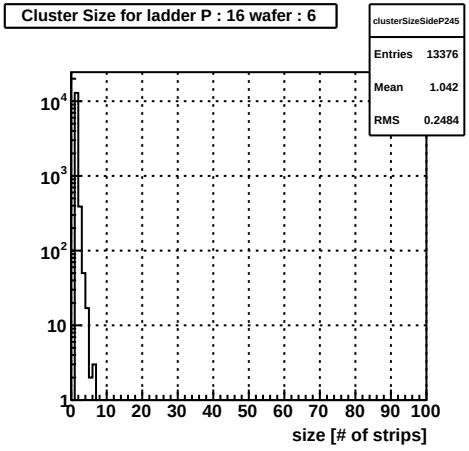

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 17418
Mean 1.035
RMS 0.21
size [# of strips]

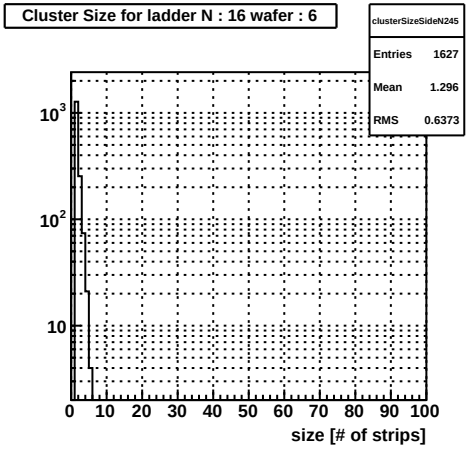

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2010
Mean 1.757
RMS 1.055
size [# of strips]

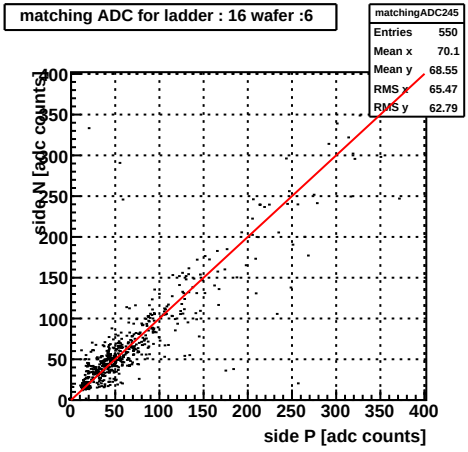

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 404
Mean x 81.87
Mean y 70.06
RMS x 67.16
RMS y 57.45
side N [adc counts]
side P [adc counts]

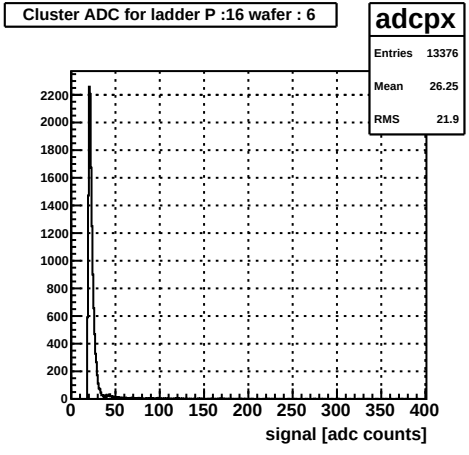

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 17418
Mean 25.45
RMS 17.83
signal [adc counts]

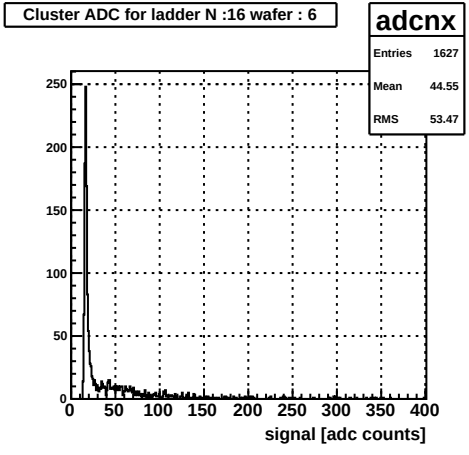

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2010
Mean 47.1
RMS 45.64
signal [adc counts]

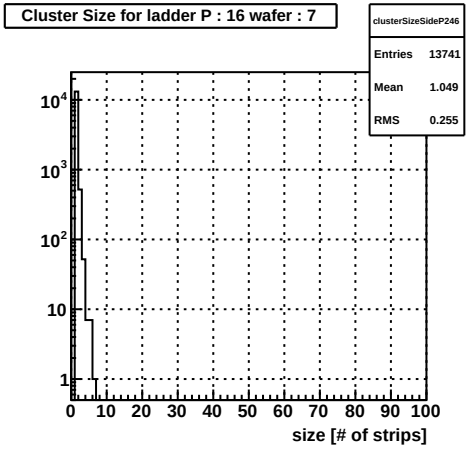

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 13376
Mean 1.042
RMS 0.2484
size [# of strips]

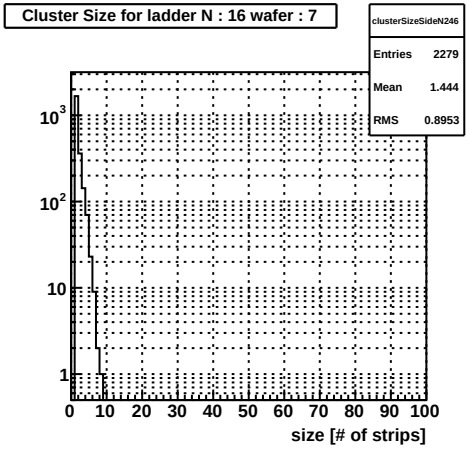

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1627
Mean 1.296
RMS 0.6373
size [# of strips]

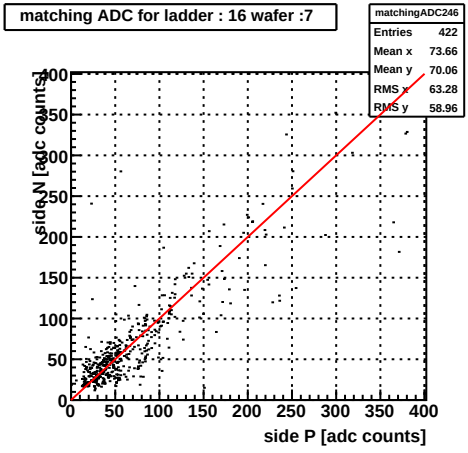

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 550
Mean x 70.1
Mean y 68.55
RMS x 65.47
RMS y 62.79
side N [adc counts]
side P [adc counts]

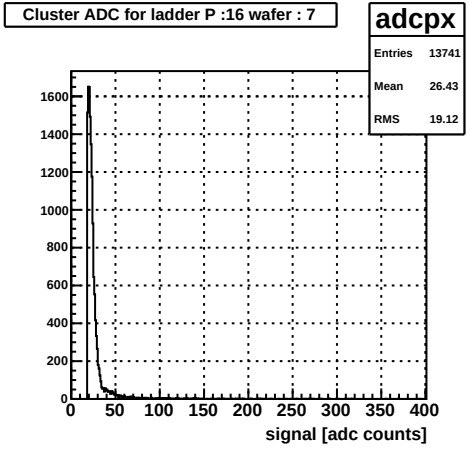

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 13376
Mean 26.25
RMS 21.9
signal [adc counts]

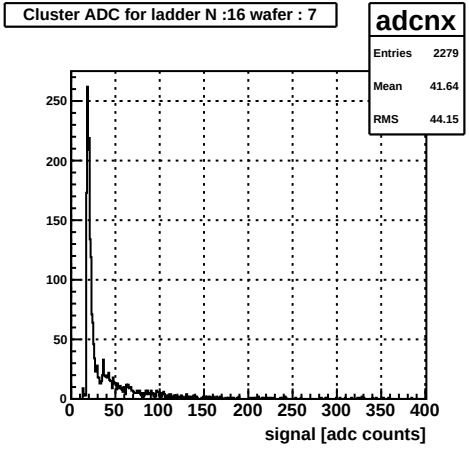

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1627
Mean 44.55
RMS 53.47
signal [adc counts]

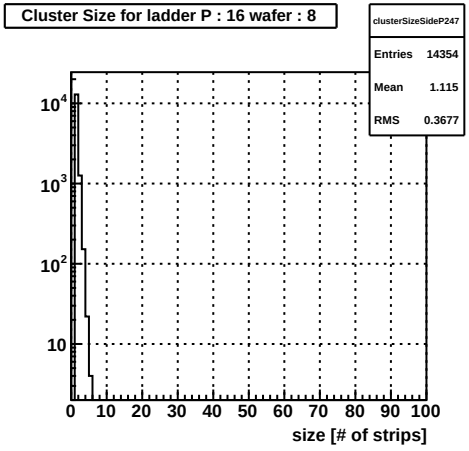

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 13741
Mean 1.049
RMS 0.255
size [# of strips]

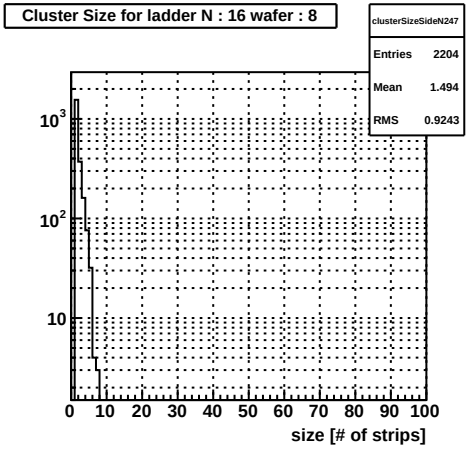

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2279
Mean 1.444
RMS 0.8953
size [# of strips]

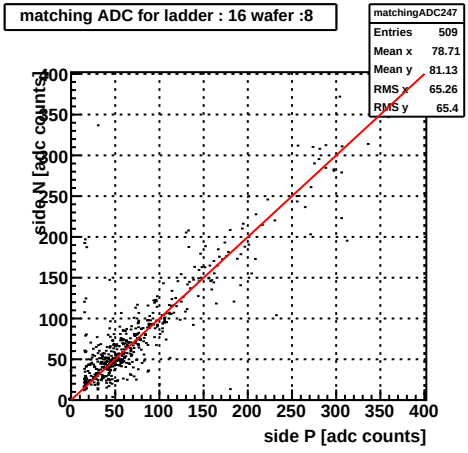

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 422
Mean x 73.66
Mean y 70.06
RMS x 63.28
RMS y 58.96
side N [adc counts]
side P [adc counts]

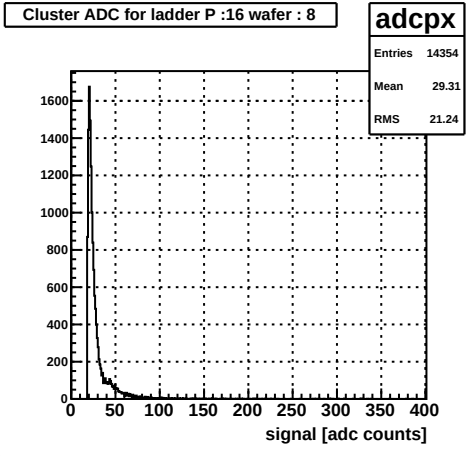

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 13741
Mean 26.43
RMS 19.12
signal [adc counts]

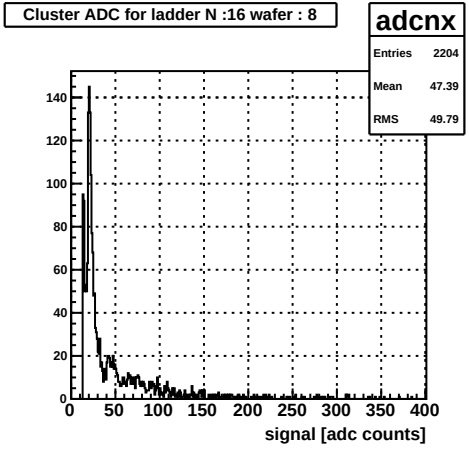

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2279
Mean 41.64
RMS 44.15
signal [adc counts]

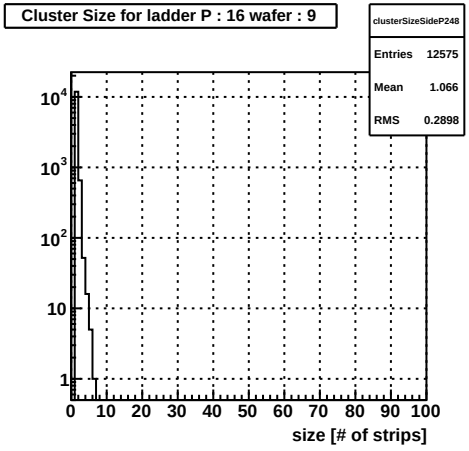

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 14354
Mean 1.115
RMS 0.3677
size [# of strips]

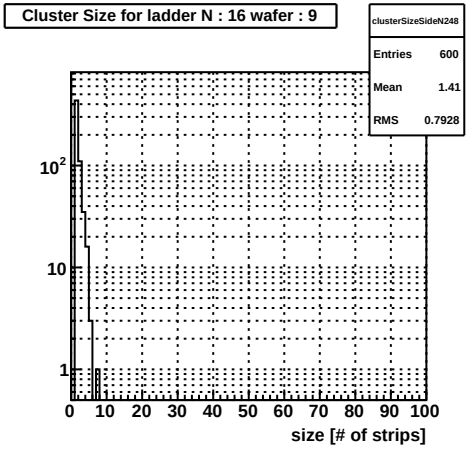

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2204
Mean 1.494
RMS 0.9243
size [# of strips]

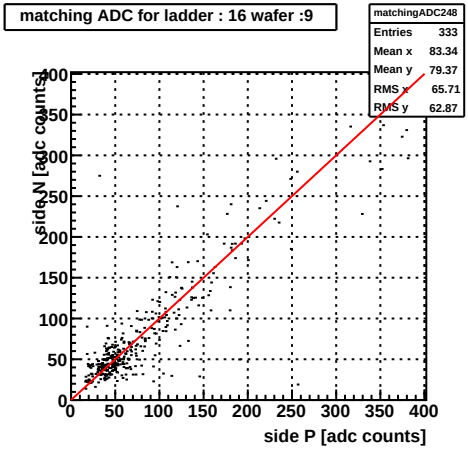

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 509
Mean x 78.71
Mean y 81.13
RMS x 65.26
RMS y 65.4
side N [adc counts]
side P [adc counts]

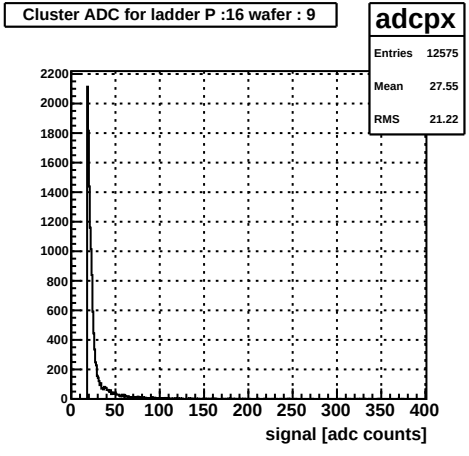

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 14354
Mean 29.31
RMS 21.24
signal [adc counts]

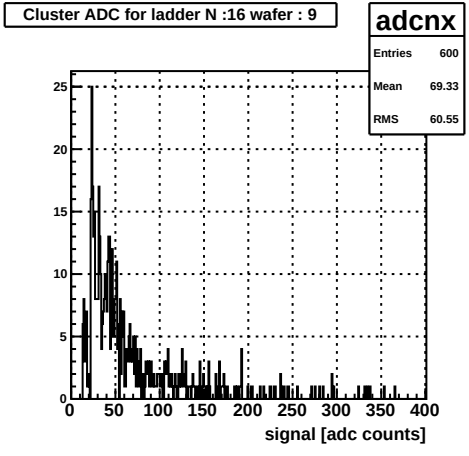

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2204
Mean 47.39
RMS 49.79
signal [adc counts]

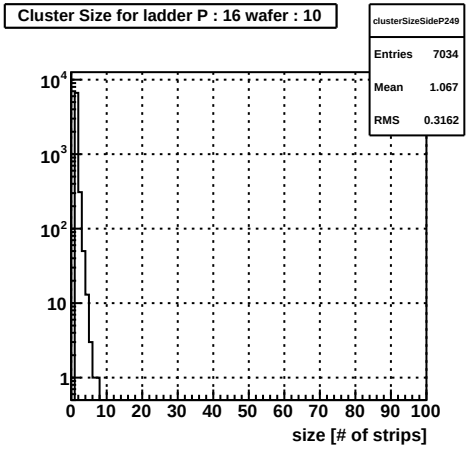

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12575
Mean 1.066
RMS 0.2898
size [# of strips]

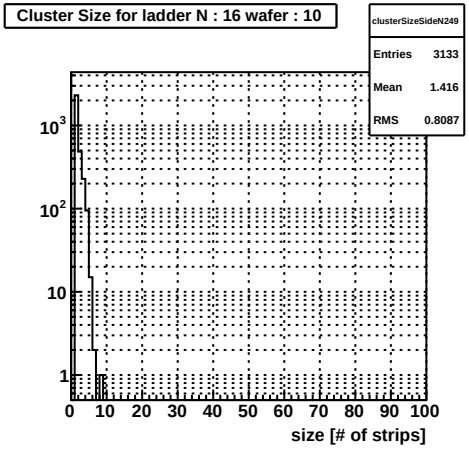

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 600
Mean 1.41
RMS 0.7928
size [# of strips]

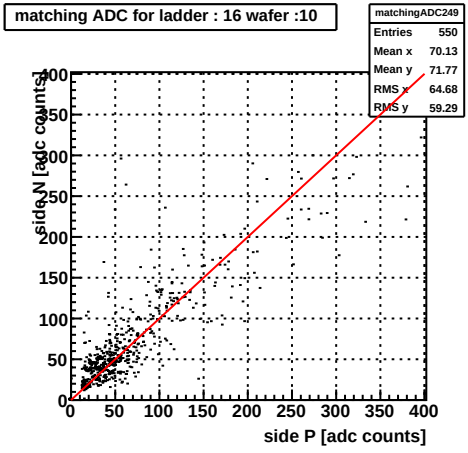

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 333
Mean x 83.34
Mean y 79.37
RMS x 65.71
RMS y 62.87
side N [adc counts]
side P [adc counts]

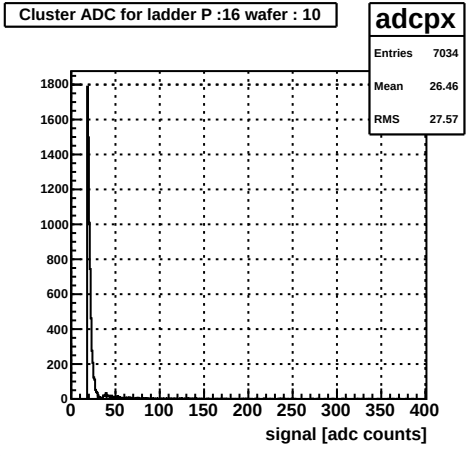

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12575
Mean 27.55
RMS 21.22
signal [adc counts]

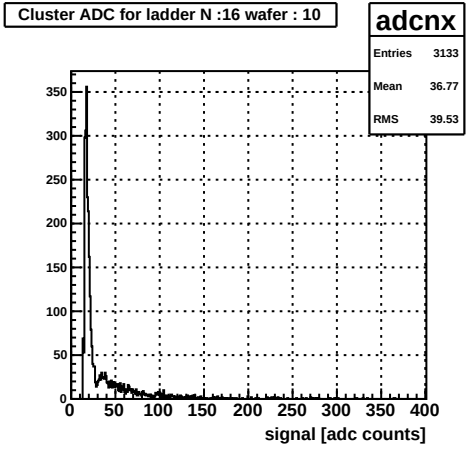

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 600
Mean 69.33
RMS 60.55
signal [adc counts]

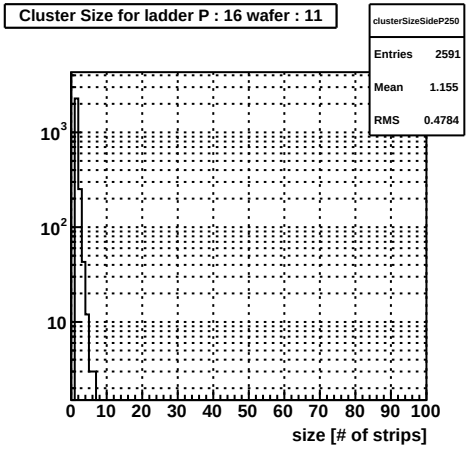

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 7034
Mean 1.067
RMS 0.3162
size [# of strips]

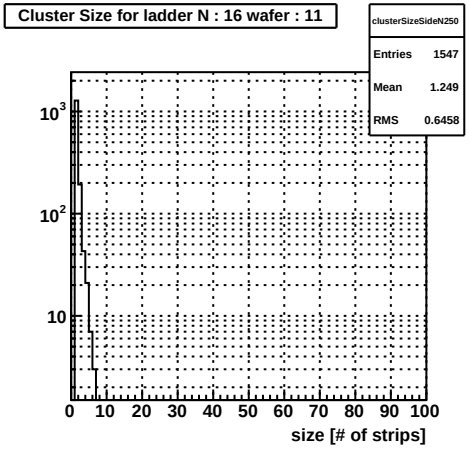

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3133
Mean 1.416
RMS 0.8087
size [# of strips]

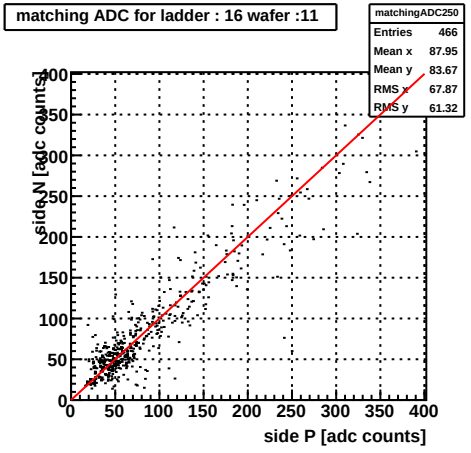

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 550
Mean x 70.13
Mean y 71.77
RMS x 64.68
RMS y 59.29
side N [adc counts]
side P [adc counts]

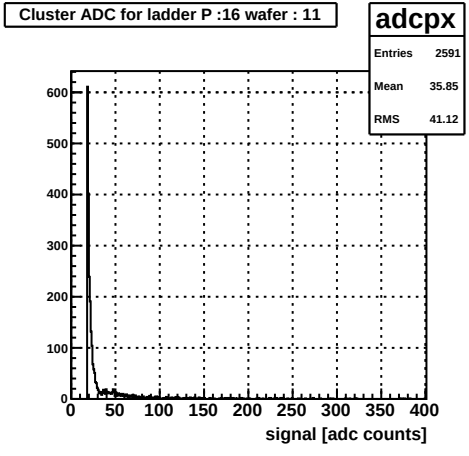

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 7034
Mean 26.46
RMS 27.57
signal [adc counts]

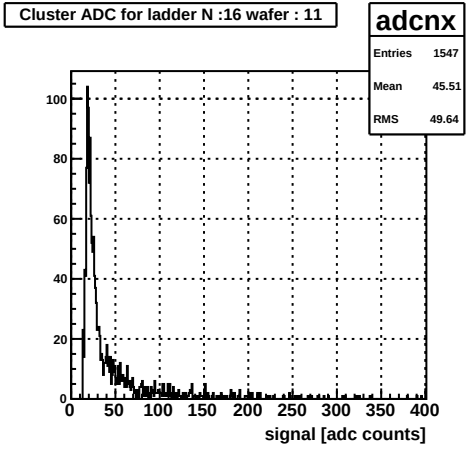

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3133
Mean 36.77
RMS 39.53
signal [adc counts]

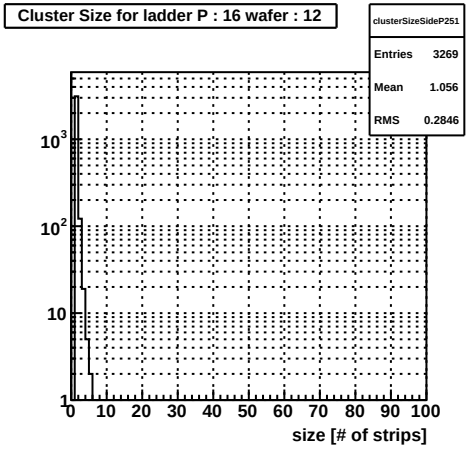

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2591
Mean 1.155
RMS 0.4784
size [# of strips]

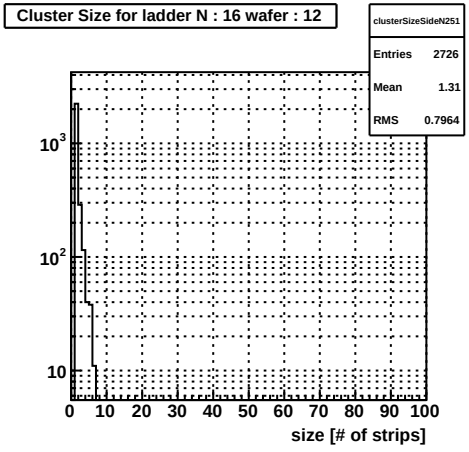

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1547
Mean 1.249
RMS 0.6458
size [# of strips]

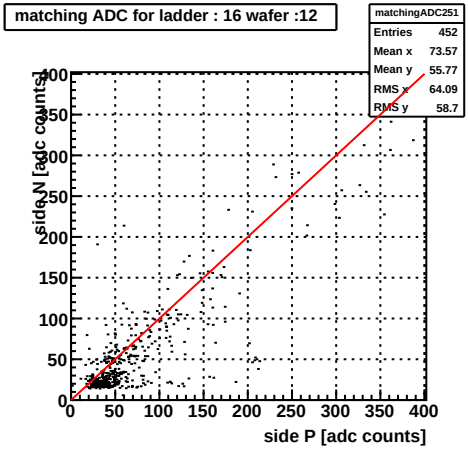

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 466
Mean x 87.95
Mean y 83.67
RMS x 67.87
RMS y 61.32
side N [adc counts]
side P [adc counts]

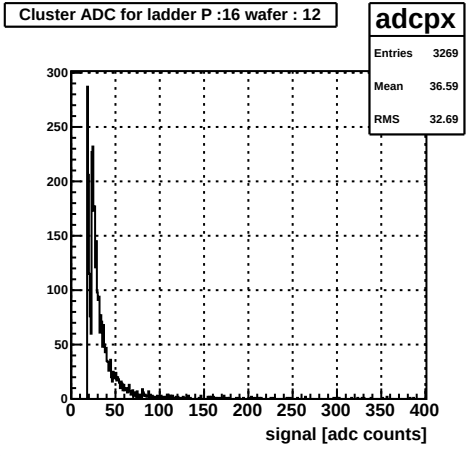

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2591
Mean 35.85
RMS 41.12
signal [adc counts]

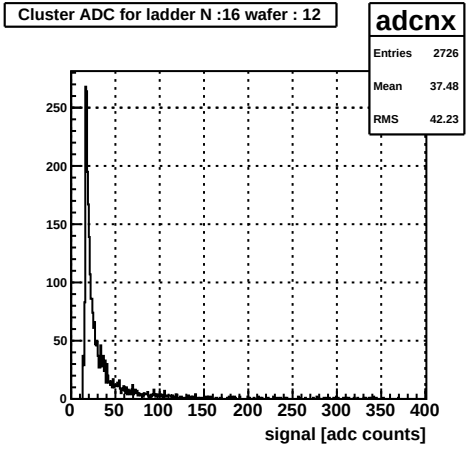

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1547
Mean 45.51
RMS 49.64
signal [adc counts]

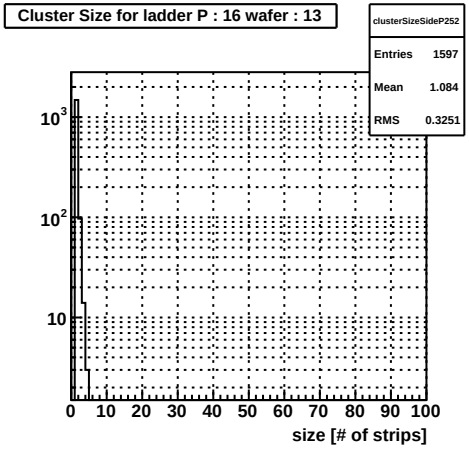

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3269
Mean 1.056
RMS 0.2846
size [# of strips]

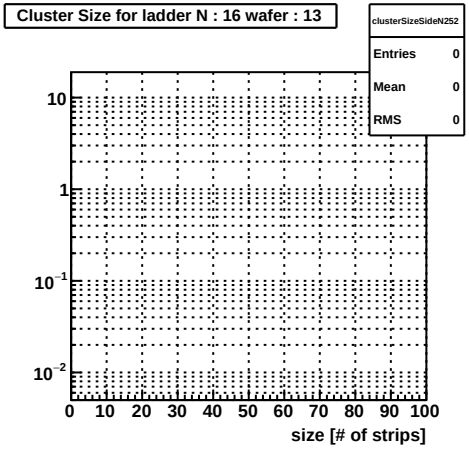

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2726
Mean 1.31
RMS 0.7964
size [# of strips]

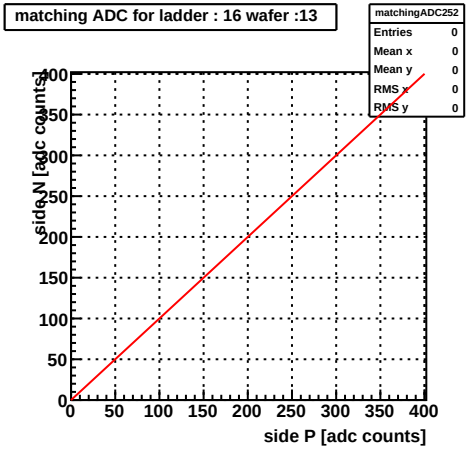

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 452
Mean x 73.57
Mean y 55.77
RMS x 64.09
RMS y 58.7
side N [adc counts]
side P [adc counts]

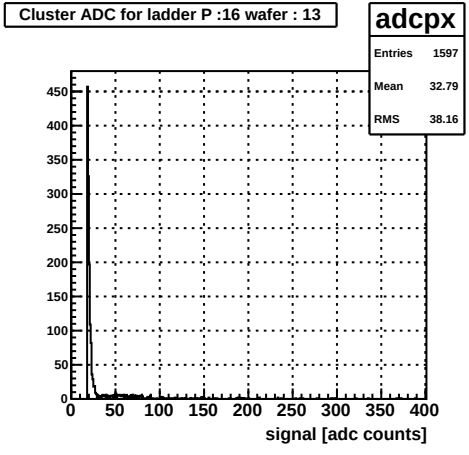

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3269
Mean 36.59
RMS 32.69
signal [adc counts]

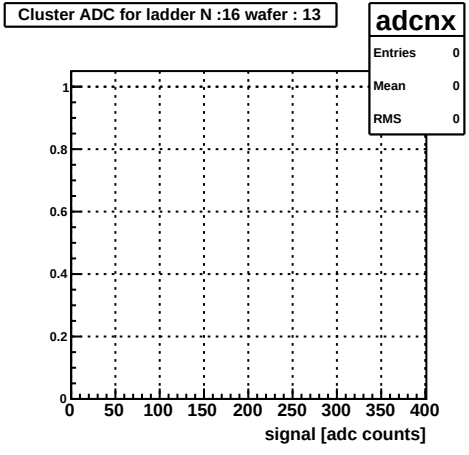

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2726
Mean 37.48
RMS 42.23
signal [adc counts]

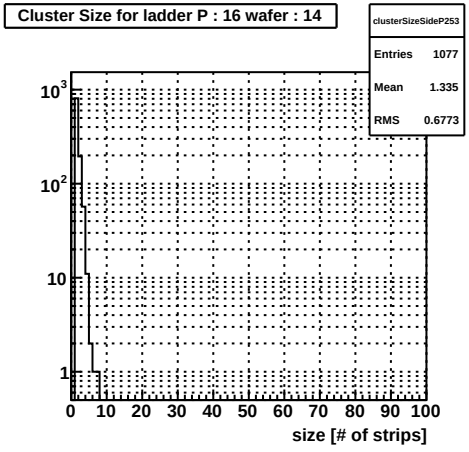

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1597
Mean 1.084
RMS 0.3251
size [# of strips]

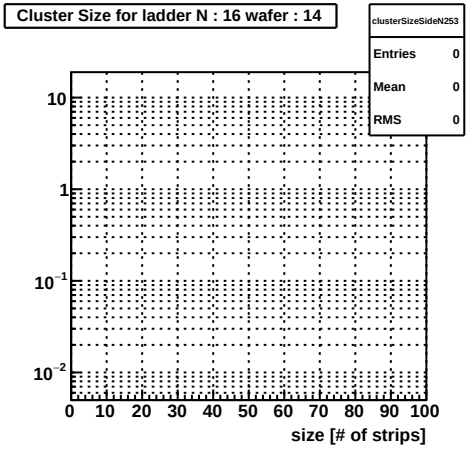

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

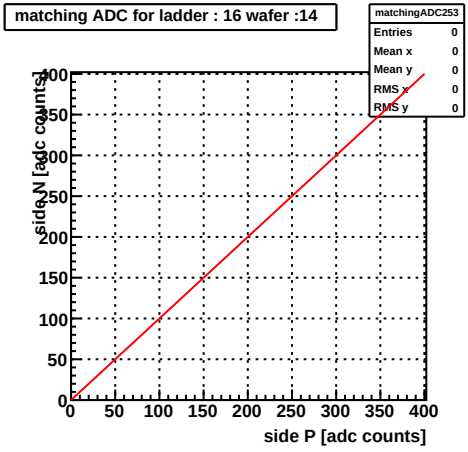

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

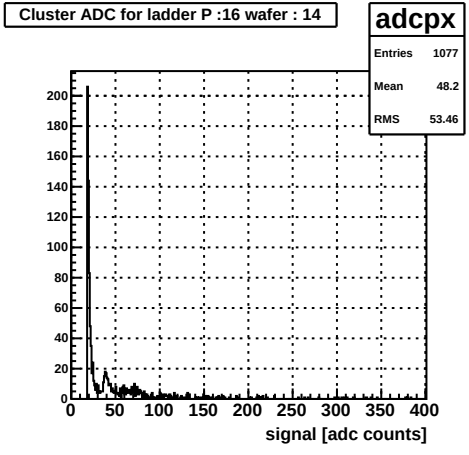

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1597
Mean 32.79
RMS 38.16
signal [adc counts]

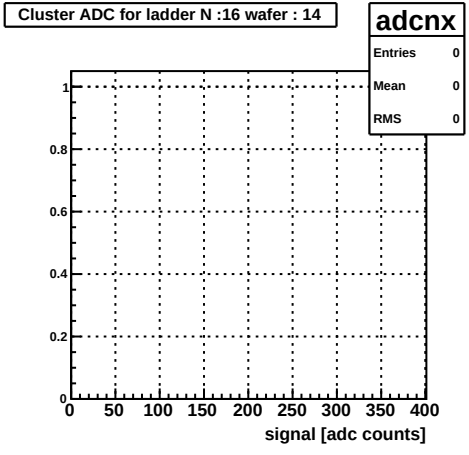

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

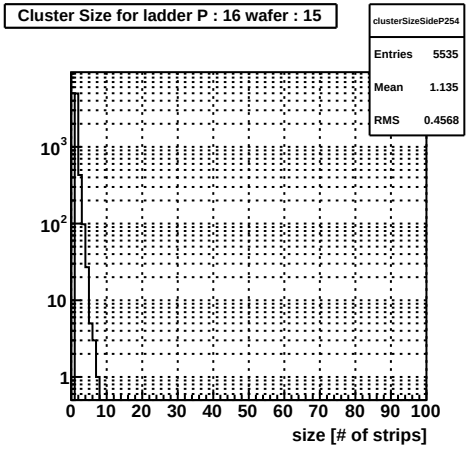

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1077
Mean 1.335
RMS 0.6773
size [# of strips]

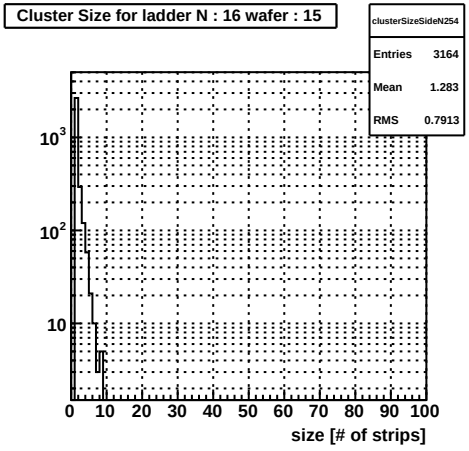

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

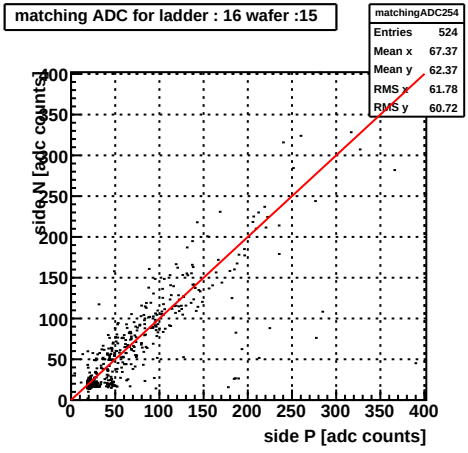

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

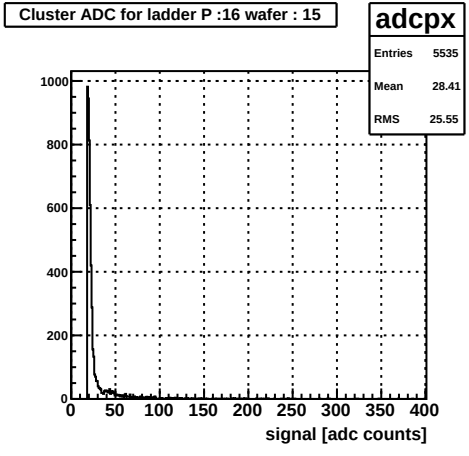

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1077
Mean 48.2
RMS 53.46
signal [adc counts]

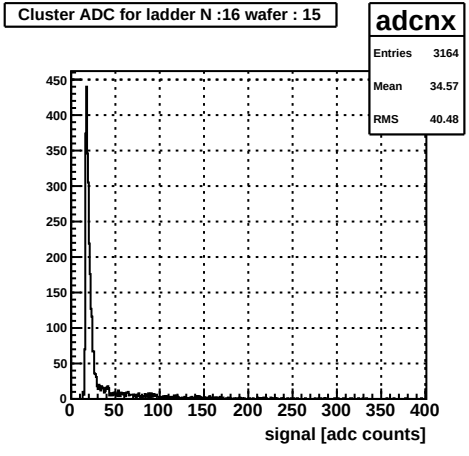

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

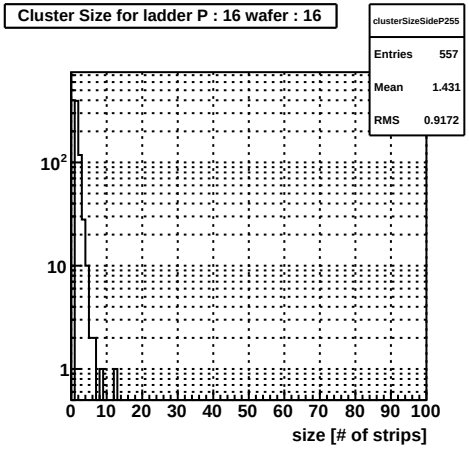

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5535
Mean 1.135
RMS 0.4568
size [# of strips]

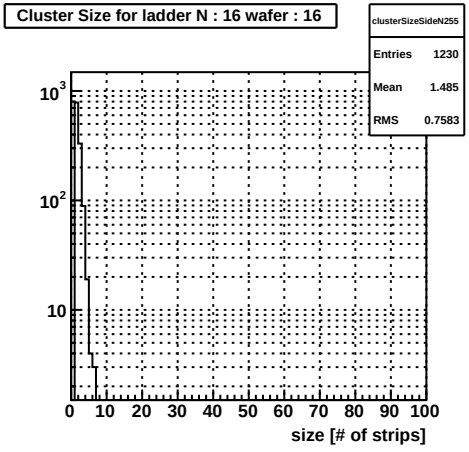

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3164
Mean 1.283
RMS 0.7913
size [# of strips]

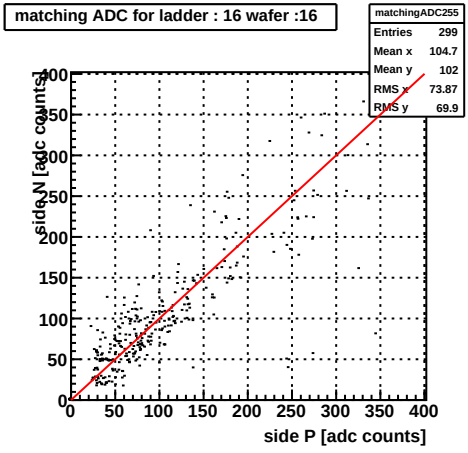

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 524
Mean x 67.37
Mean y 62.37
RMS x 61.78
RMS y 60.72
side N [adc counts]
side P [adc counts]

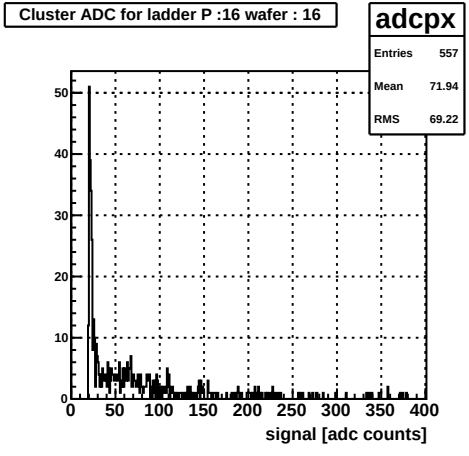

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5535
Mean 28.41
RMS 25.55
signal [adc counts]

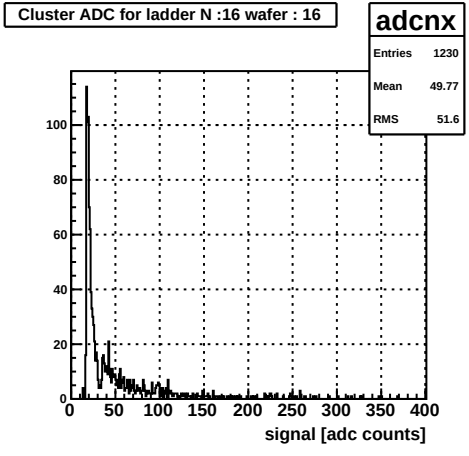

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3164
Mean 34.57
RMS 40.48
signal [adc counts]

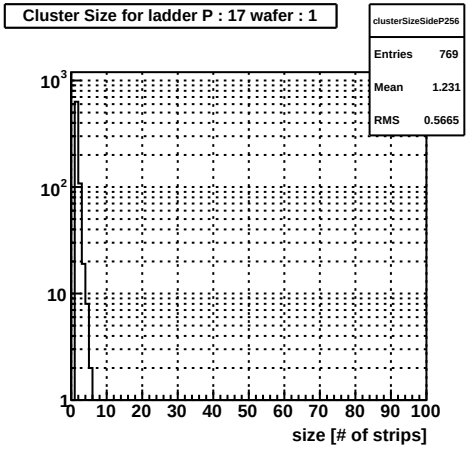

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 557
Mean 1.431
RMS 0.9172
size [# of strips]

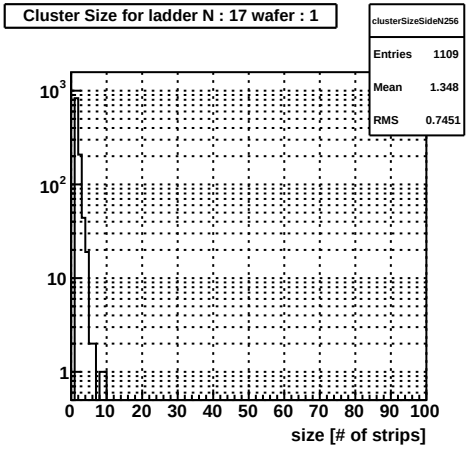

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1230
Mean 1.485
RMS 0.7583
size [# of strips]

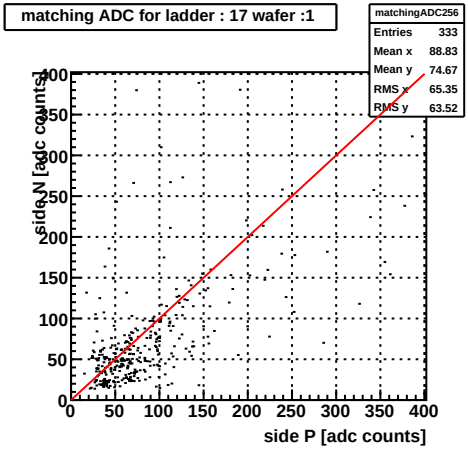

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 299
Mean x 104.7
Mean y 102
RMS x 73.87
RMS y 69.9
side N [adc counts]
side P [adc counts]

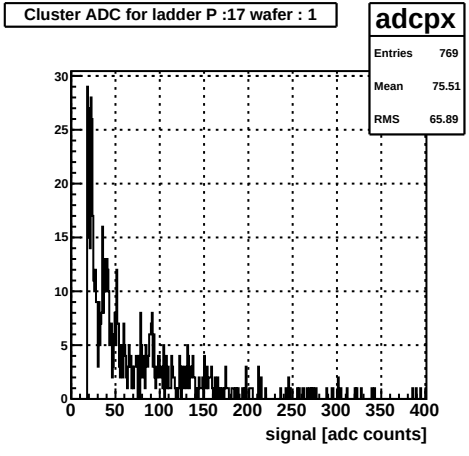

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 557
Mean 71.94
RMS 69.22
signal [adc counts]

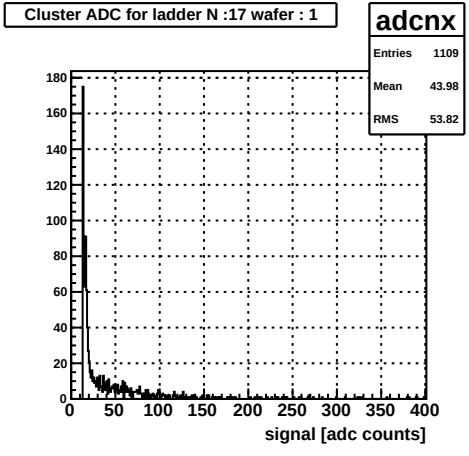

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1230
Mean 49.77
RMS 51.6
signal [adc counts]

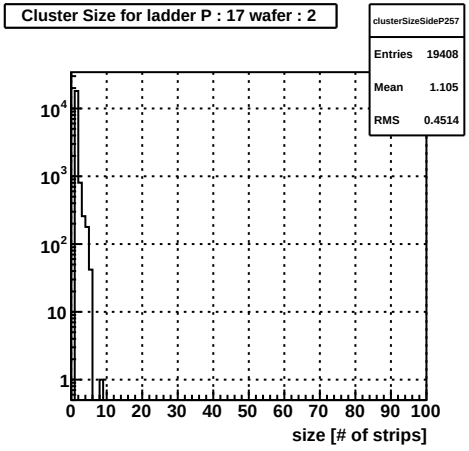

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 769
Mean 1.231
RMS 0.5665
size [# of strips]

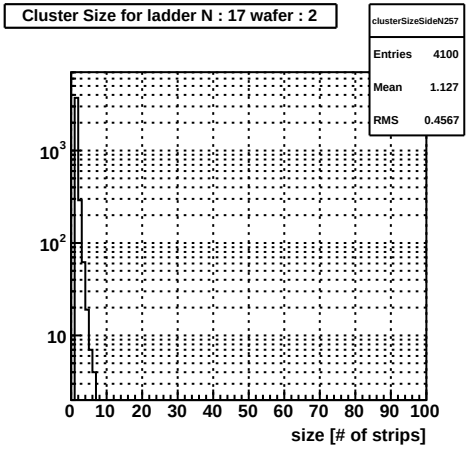

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1109
Mean 1.348
RMS 0.7451
size [# of strips]

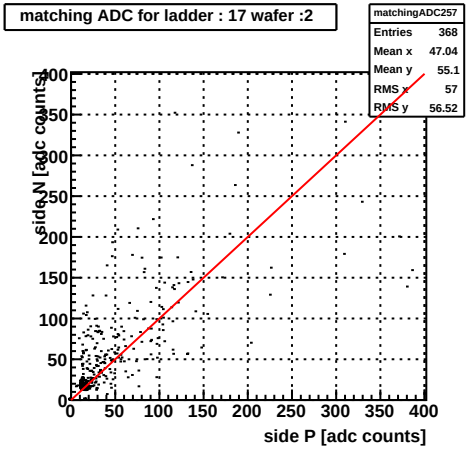

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 333
Mean x 88.83
Mean y 74.67
RMS x 65.35
RMS y 63.52
side N [adc counts]
side P [adc counts]

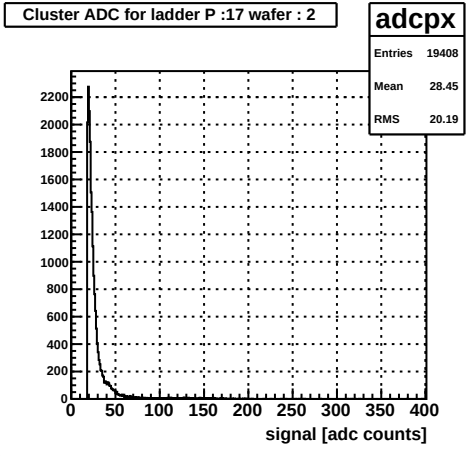

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 769
Mean 75.51
RMS 65.89
signal [adc counts]

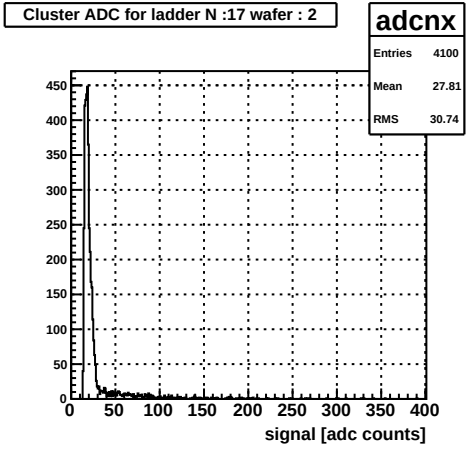

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1109
Mean 43.98
RMS 53.82
signal [adc counts]

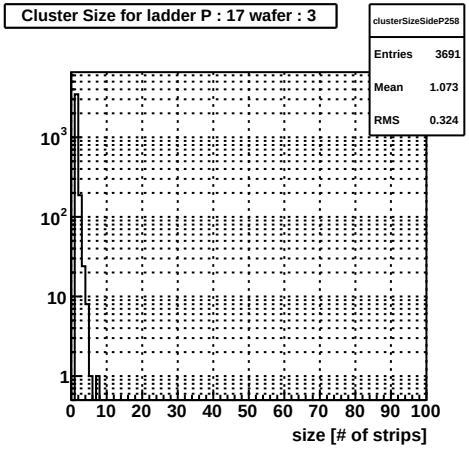

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 19408
Mean 1.105
RMS 0.4514
size [# of strips]

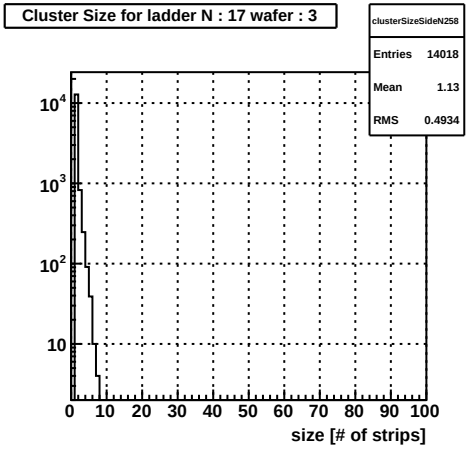

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4100
Mean 1.127
RMS 0.4567
size [# of strips]

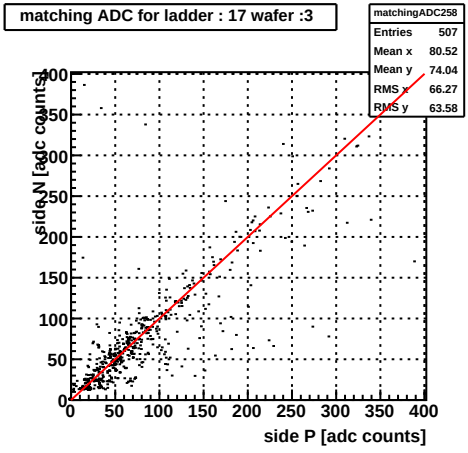

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 368
Mean x 47.04
Mean y 55.1
RMS x 57
RMS y 56.52
side N [adc counts]
side P [adc counts]

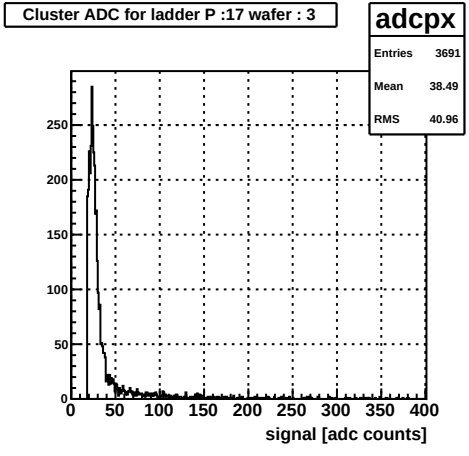

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 19408
Mean 28.45
RMS 20.19
signal [adc counts]

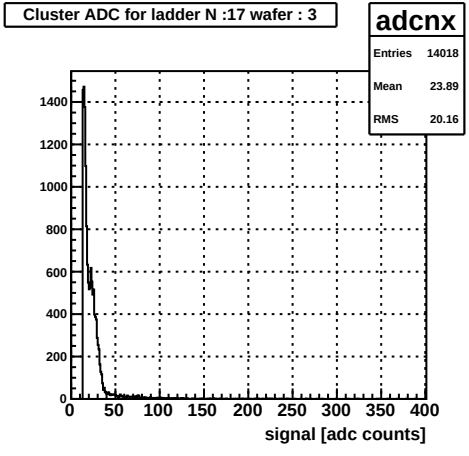

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4100
Mean 27.81
RMS 30.74
signal [adc counts]

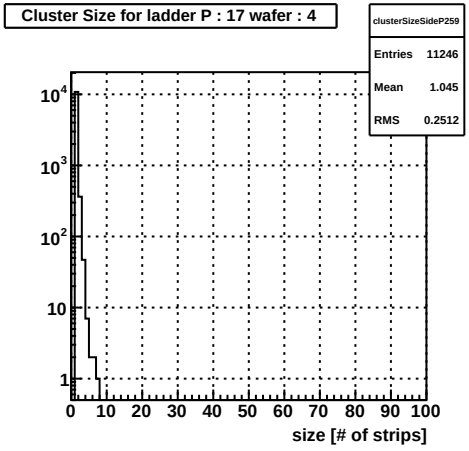

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3691
Mean 1.073
RMS 0.324
size [# of strips]

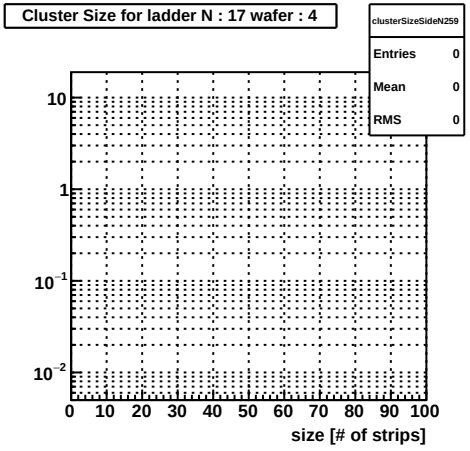

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 14018
Mean 1.13
RMS 0.4934
size [# of strips]

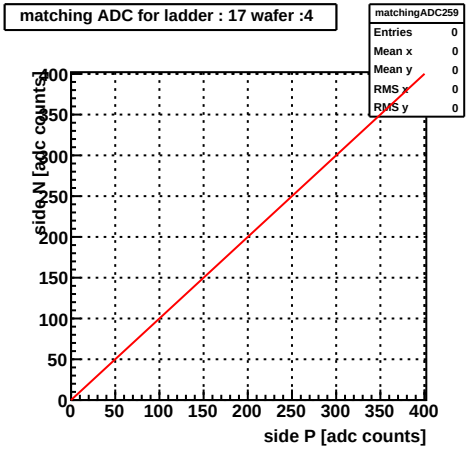

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 507
Mean x 80.52
Mean y 74.04
RMS x 66.27
RMS y 63.58
side N [adc counts]
side P [adc counts]

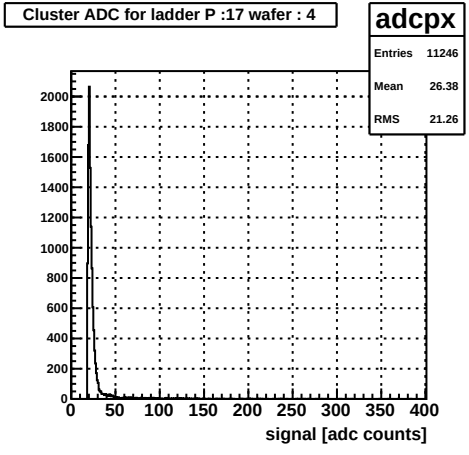

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3691
Mean 38.49
RMS 40.96
signal [adc counts]

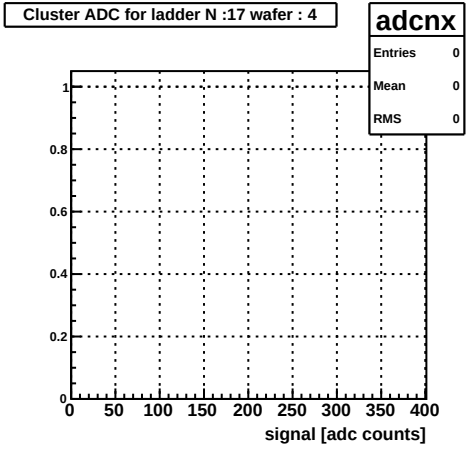

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 14018
Mean 23.89
RMS 20.16
signal [adc counts]

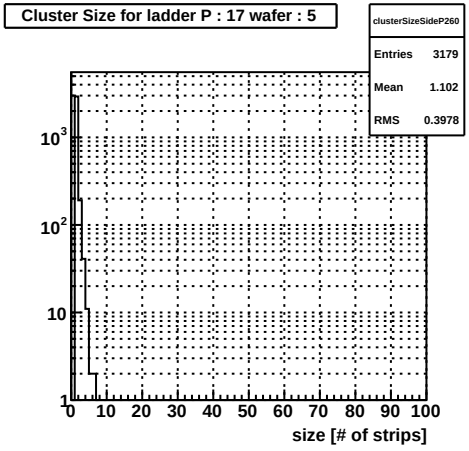

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 11246
Mean 1.045
RMS 0.2512
size [# of strips]

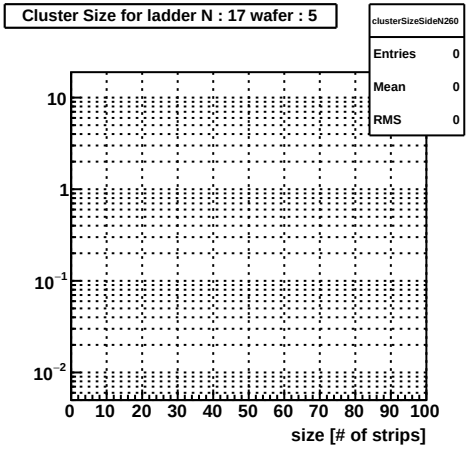

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

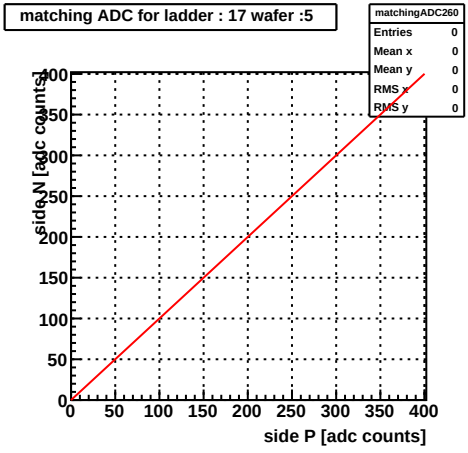

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

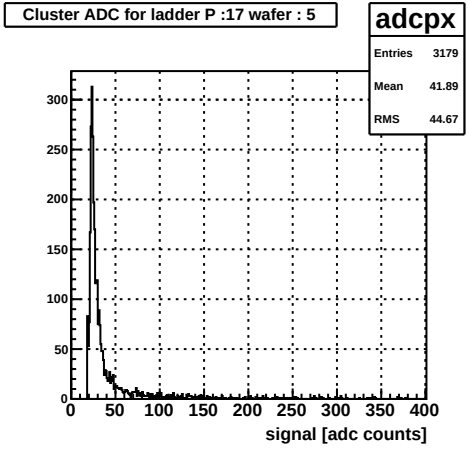

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 11246
Mean 26.38
RMS 21.26
signal [adc counts]

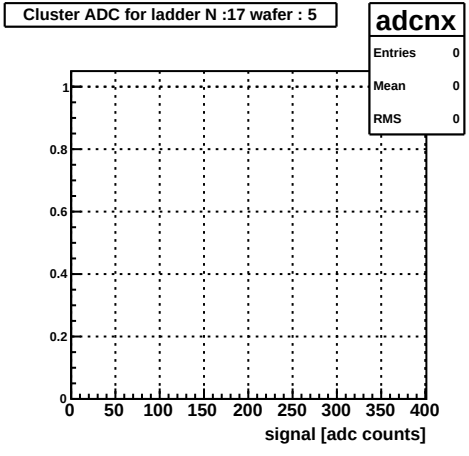

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

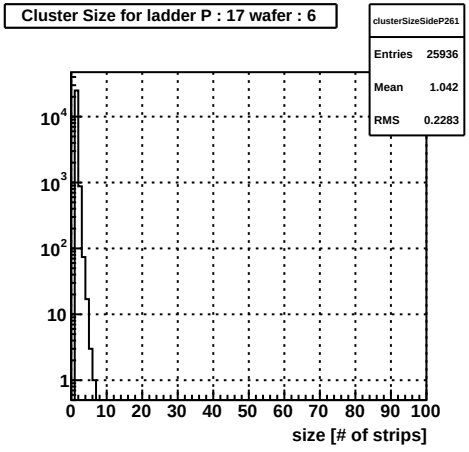

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3179
Mean 1.102
RMS 0.3978
size [# of strips]

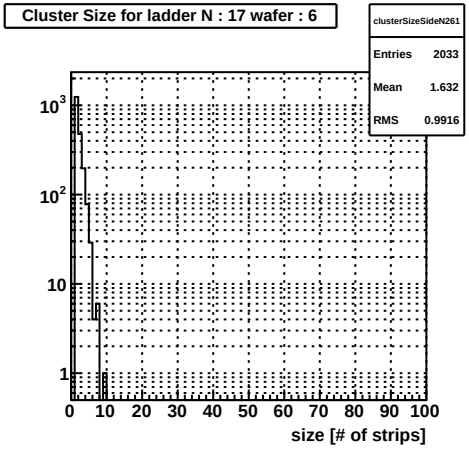

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

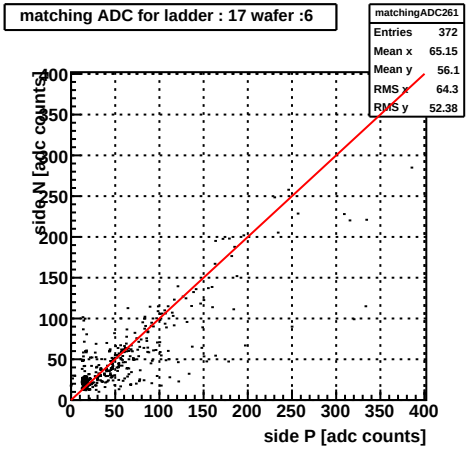

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

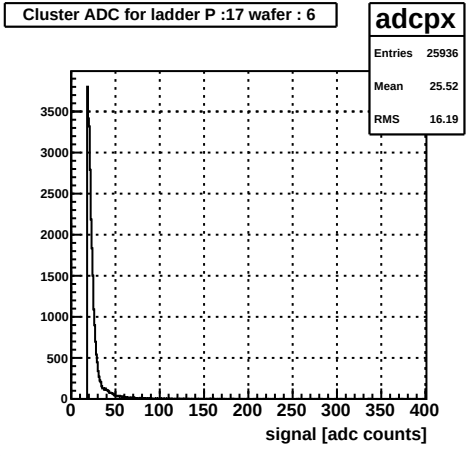

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3179
Mean 41.89
RMS 44.67
signal [adc counts]

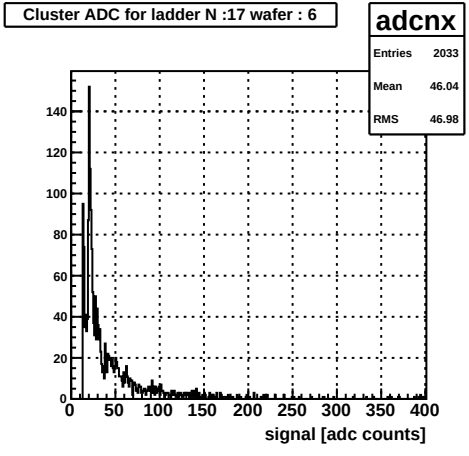

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

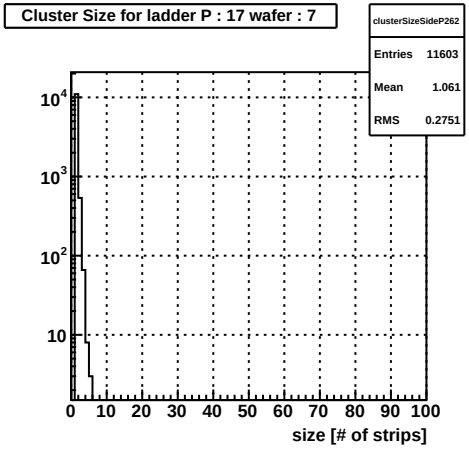

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 25936
Mean 1.042
RMS 0.2283
size [# of strips]

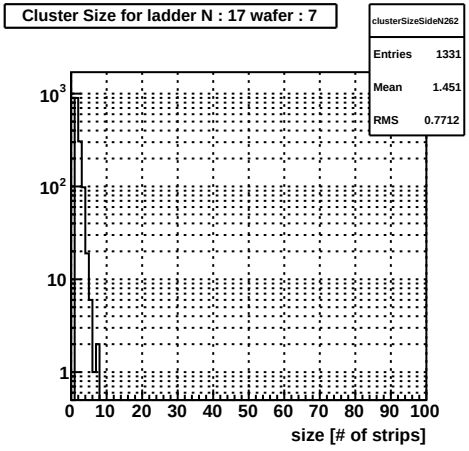

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2033
Mean 1.632
RMS 0.9916
size [# of strips]

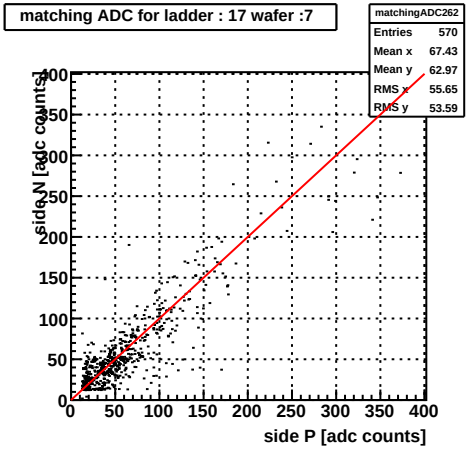

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 372
Mean x 65.15
Mean y 56.1
RMS x 64.3
RMS y 52.38
side N [adc counts]
side P [adc counts]

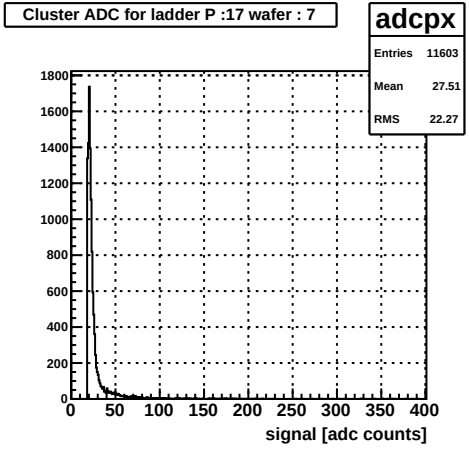

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 25936
Mean 25.52
RMS 16.19
signal [adc counts]

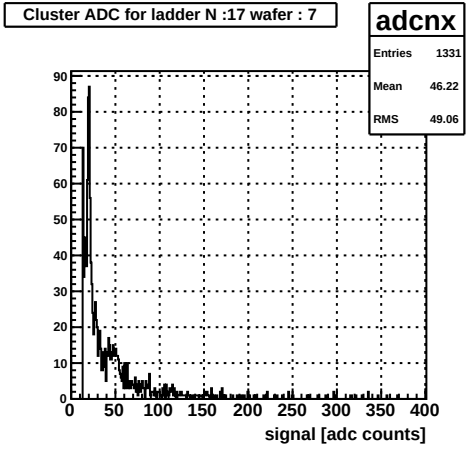

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2033
Mean 46.04
RMS 46.98
signal [adc counts]

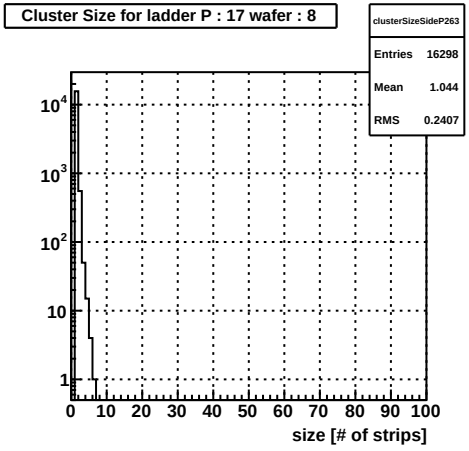

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11603
Mean 1.061
RMS 0.2751
size [# of strips]

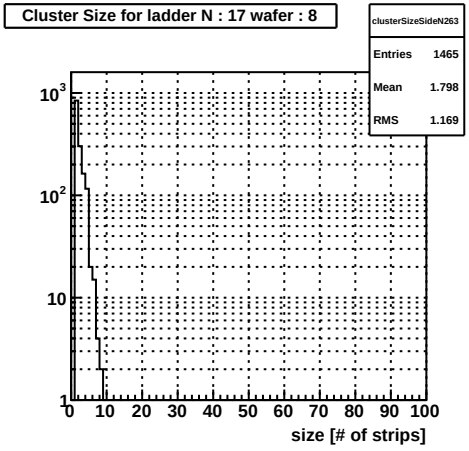

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1331
Mean 1.451
RMS 0.7712
size [# of strips]

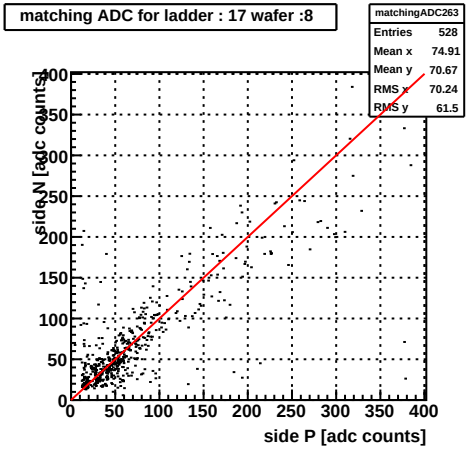

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 570
Mean x 67.43
Mean y 62.97
RMS x 55.65
RMS y 53.59
side N [adc counts]
side P [adc counts]

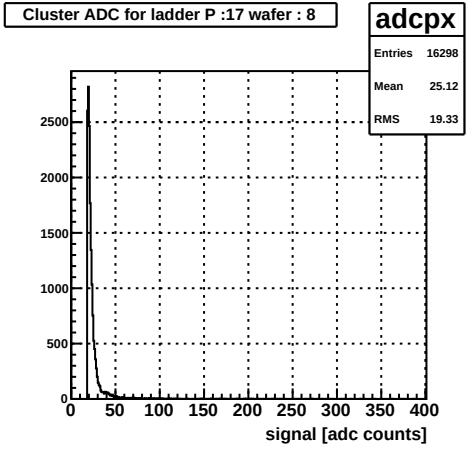

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11603
Mean 27.51
RMS 22.27
signal [adc counts]

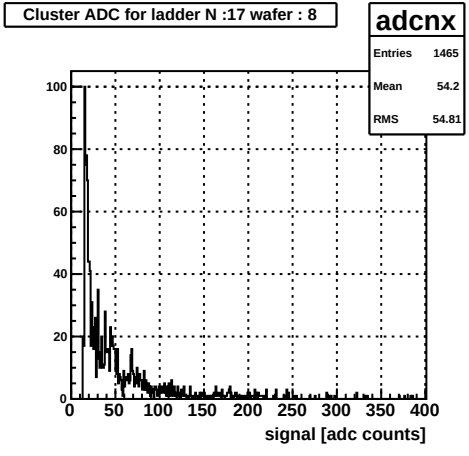

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1331
Mean 46.22
RMS 49.06
signal [adc counts]

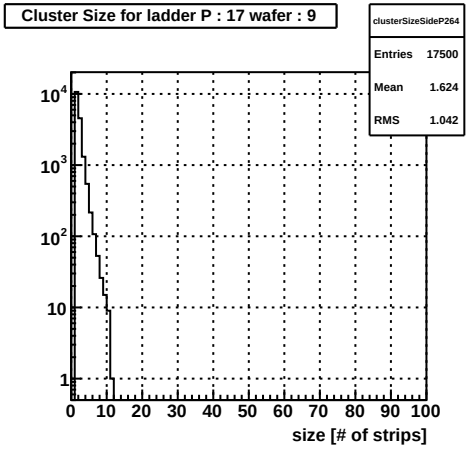

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 16298
Mean 1.044
RMS 0.2407
size [# of strips]

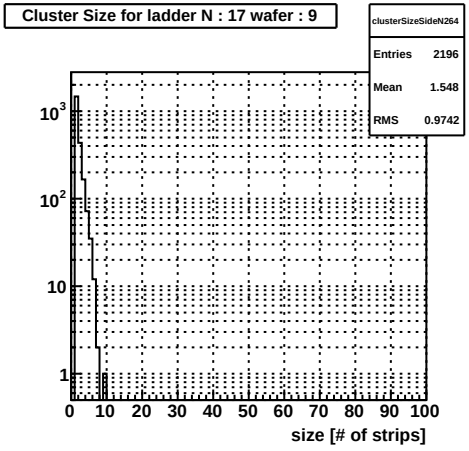

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1465
Mean 1.798
RMS 1.169
size [# of strips]

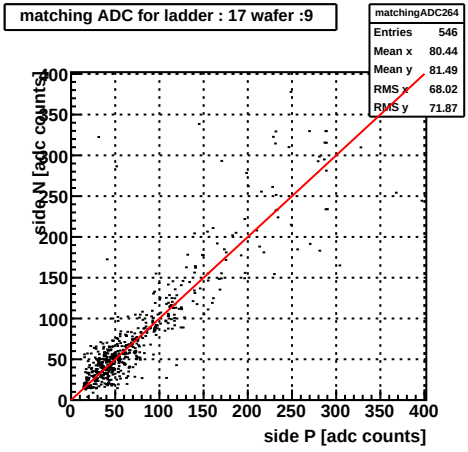

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 528
Mean x 74.91
Mean y 70.67
RMS x 70.24
RMS y 61.5
side N [adc counts]
side P [adc counts]

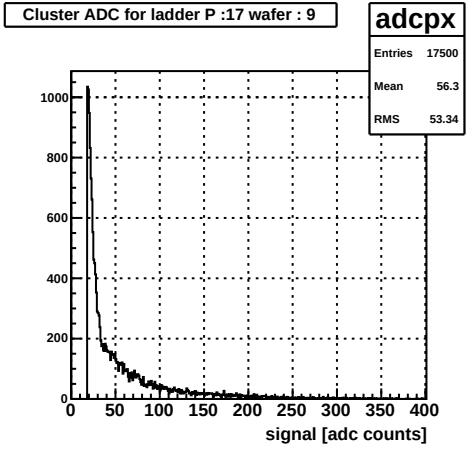

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 16298
Mean 25.12
RMS 19.33
signal [adc counts]

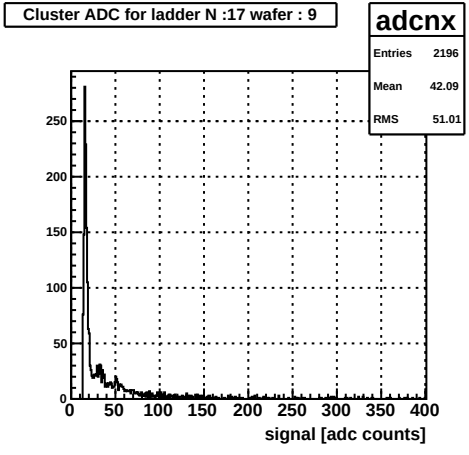

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1465
Mean 54.2
RMS 54.81
signal [adc counts]

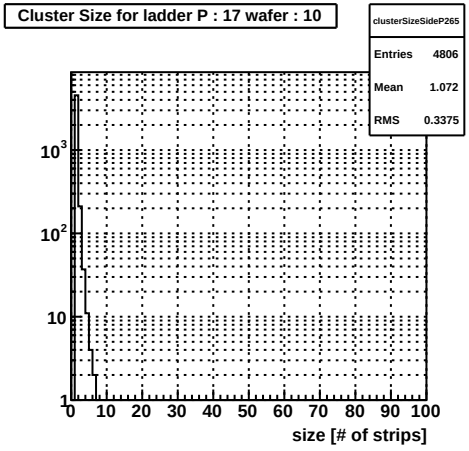

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17500
Mean 1.624
RMS 1.042
size [# of strips]

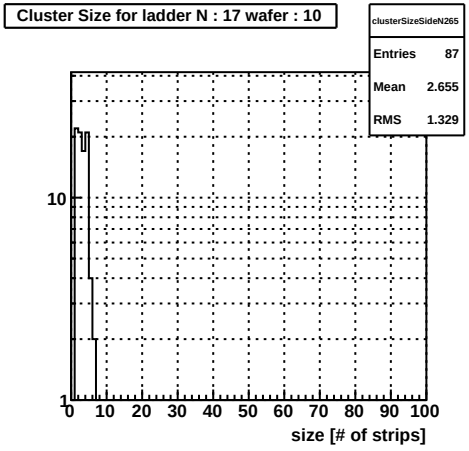

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2196
Mean 1.548
RMS 0.9742
size [# of strips]

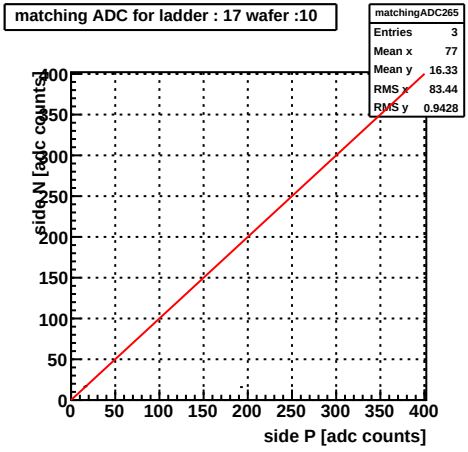

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 546
Mean x 80.44
Mean y 81.49
RMS x 68.02
RMS y 71.87
side N [adc counts]
side P [adc counts]

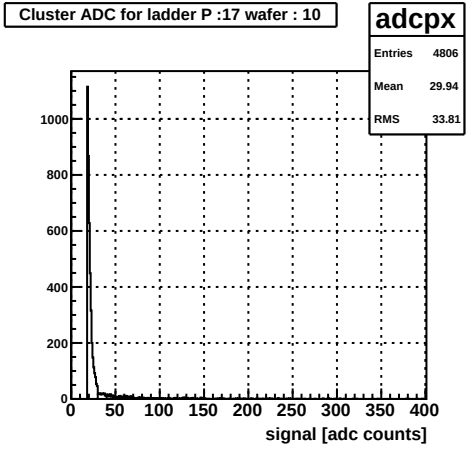

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17500
Mean 56.3
RMS 53.34
signal [adc counts]

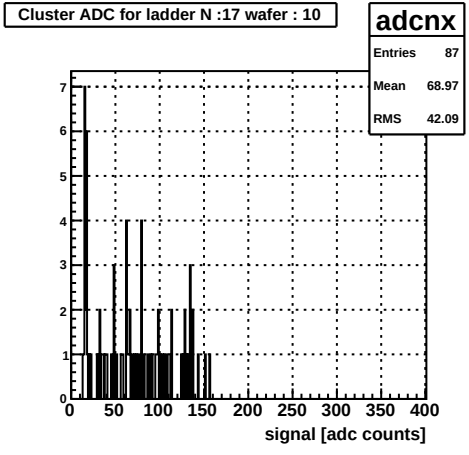

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2196
Mean 42.09
RMS 51.01
signal [adc counts]

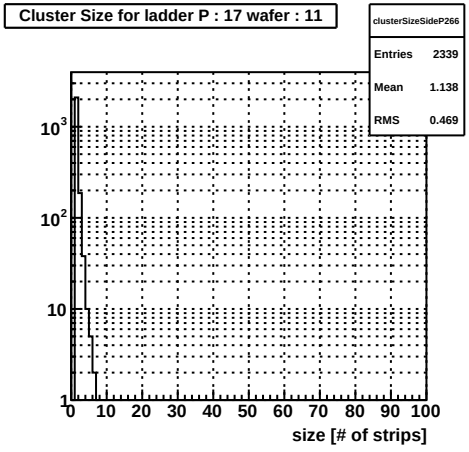

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4806
Mean 1.072
RMS 0.3375
size [# of strips]

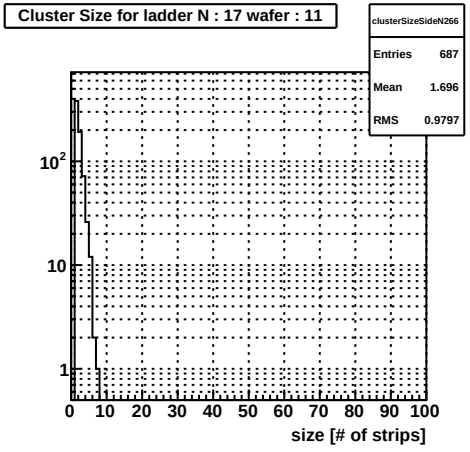

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 87
Mean 2.655
RMS 1.329
size [# of strips]

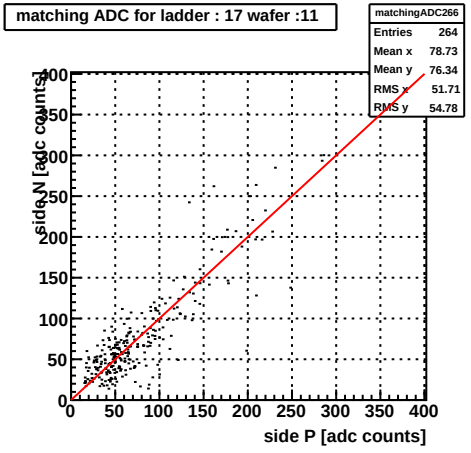

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 3
Mean x 77
Mean y 16.33
RMS x 83.44
RMS y 0.9428
side N [adc counts]
side P [adc counts]

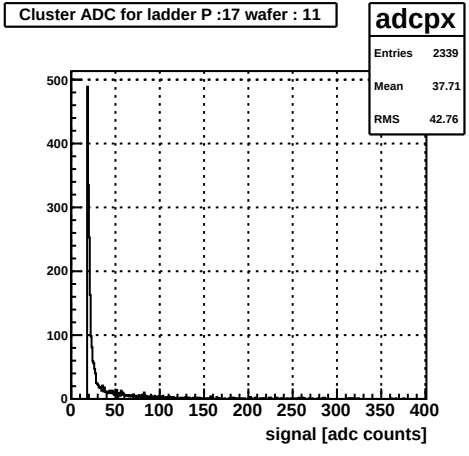

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4806
Mean 29.94
RMS 33.81
signal [adc counts]

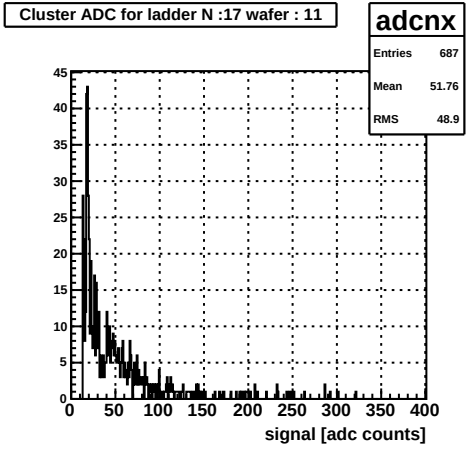

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 87
Mean 68.97
RMS 42.09
signal [adc counts]

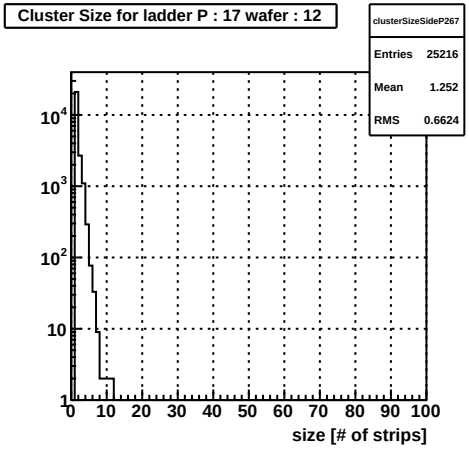

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2339
Mean 1.138
RMS 0.469
size [# of strips]

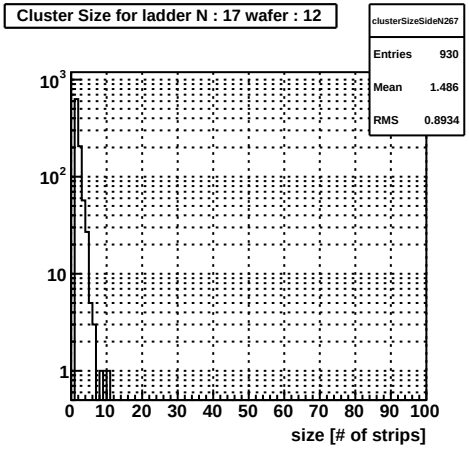

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 687
Mean 1.696
RMS 0.9797
size [# of strips]

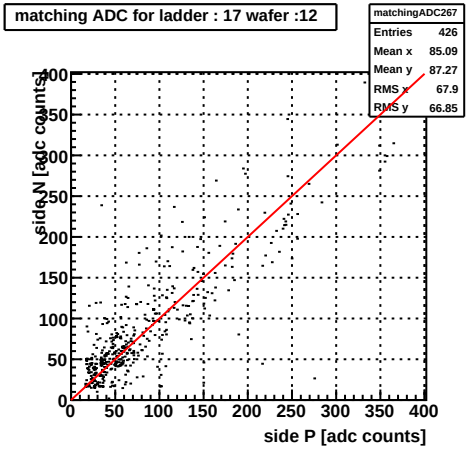

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 264
Mean x 78.73
Mean y 76.34
RMS x 51.71
RMS y 54.78
side N [adc counts]
side P [adc counts]

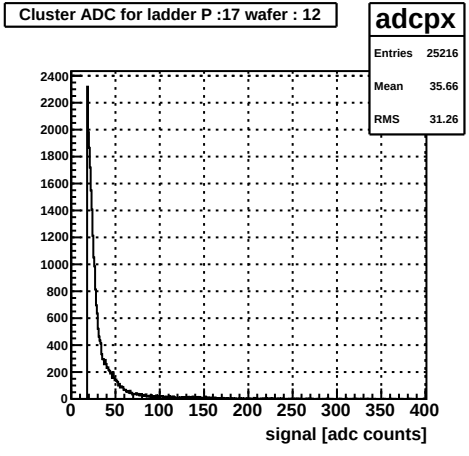

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2339
Mean 37.71
RMS 42.76
signal [adc counts]

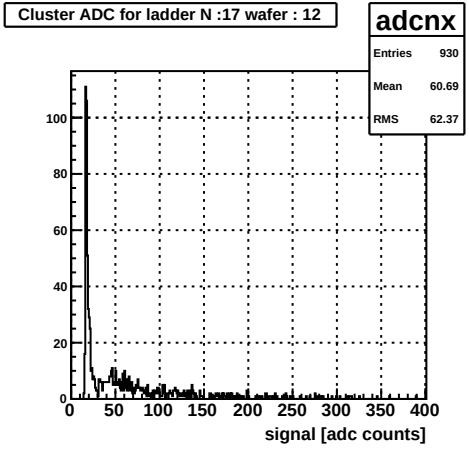

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 687
Mean 51.76
RMS 48.9
signal [adc counts]

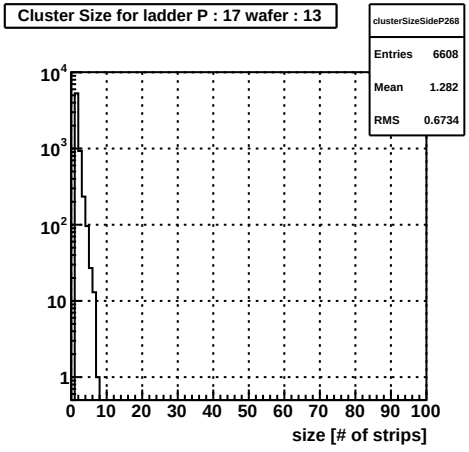

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 25216
Mean 1.252
RMS 0.6624
size [# of strips]

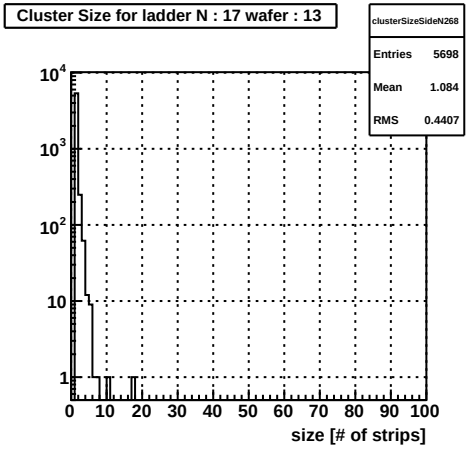

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 930
Mean 1.486
RMS 0.8934
size [# of strips]

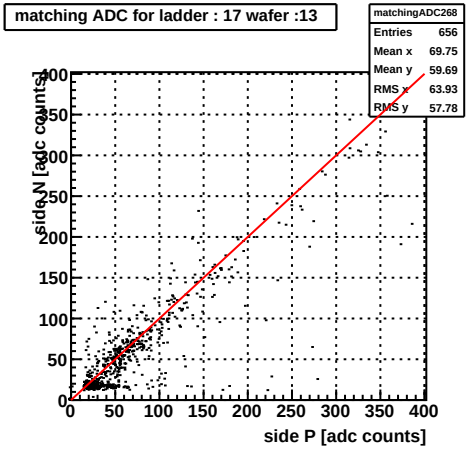

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 426
Mean x 85.09
Mean y 87.27
RMS x 67.9
RMS y 66.85
side N [adc counts]
side P [adc counts]

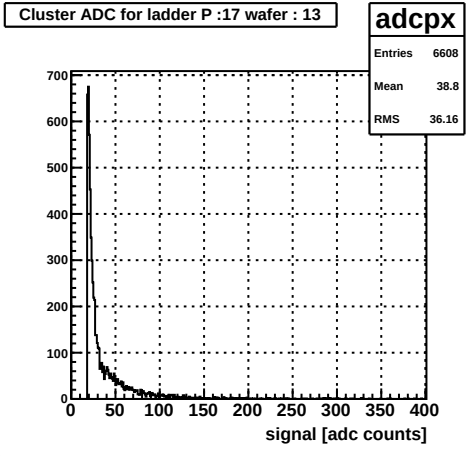

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 25216
Mean 35.66
RMS 31.26
signal [adc counts]

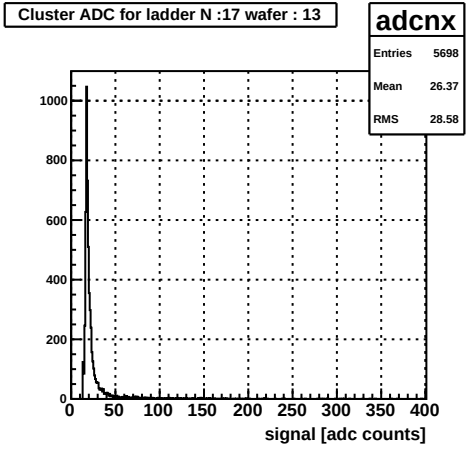

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 930
Mean 60.69
RMS 62.37
signal [adc counts]

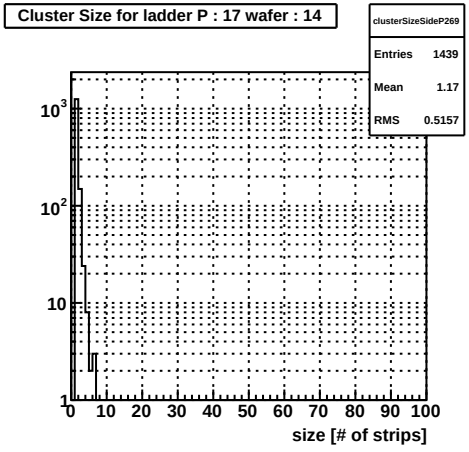

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6608
Mean 1.282
RMS 0.6734
size [# of strips]

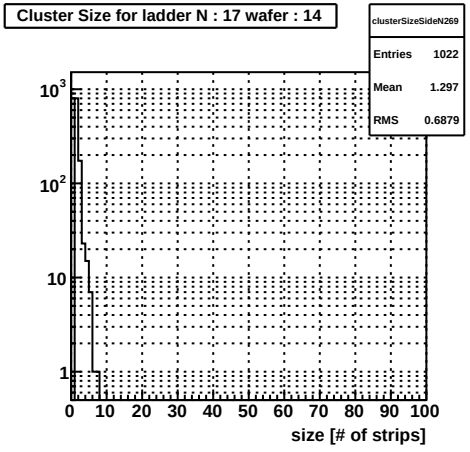

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 5698
Mean 1.084
RMS 0.4407
size [# of strips]

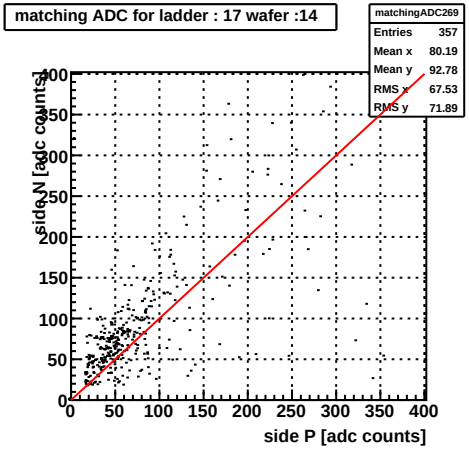

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 656
Mean x 69.75
Mean y 59.69
RMS x 63.93
RMS y 57.78
side N [adc counts]
side P [adc counts]

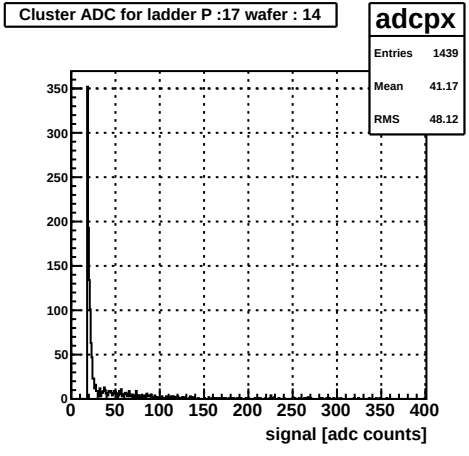

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6608
Mean 38.8
RMS 36.16
signal [adc counts]

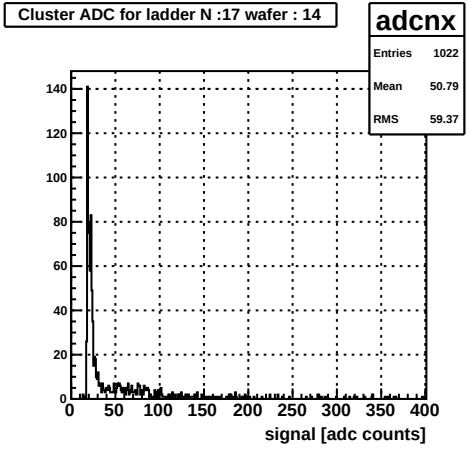

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 5698
Mean 26.37
RMS 28.58
signal [adc counts]

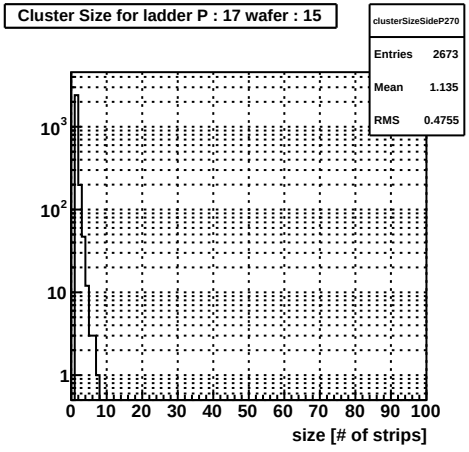

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1439
Mean 1.17
RMS 0.5157
size [# of strips]

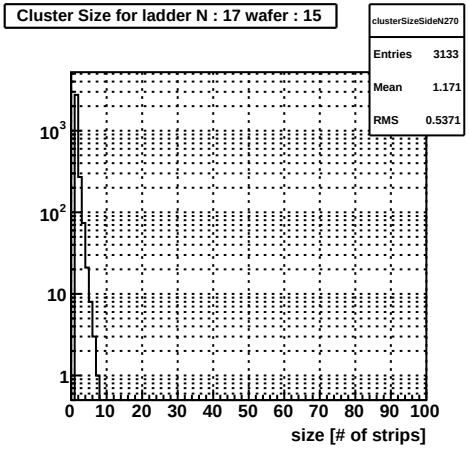

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1022
Mean 1.297
RMS 0.6879
size [# of strips]

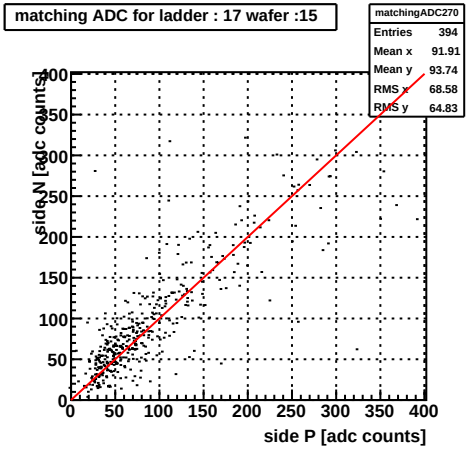

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 357
Mean x 80.19
Mean y 92.78
RMS x 67.53
RMS y 71.89
side N [adc counts]
side P [adc counts]

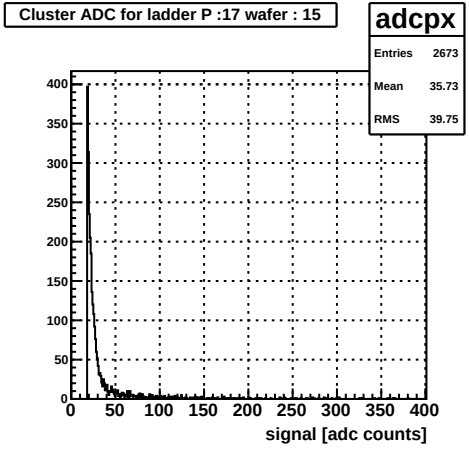

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1439
Mean 41.17
RMS 48.12
signal [adc counts]

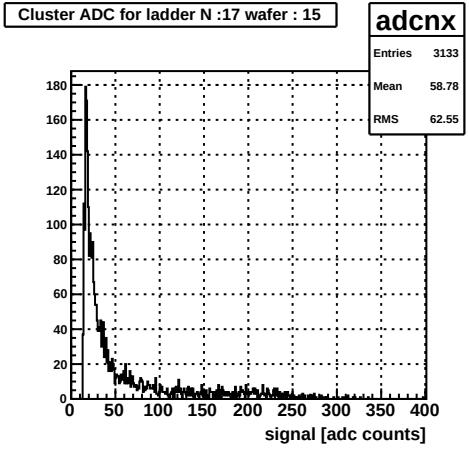

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1022
Mean 50.79
RMS 59.37
signal [adc counts]

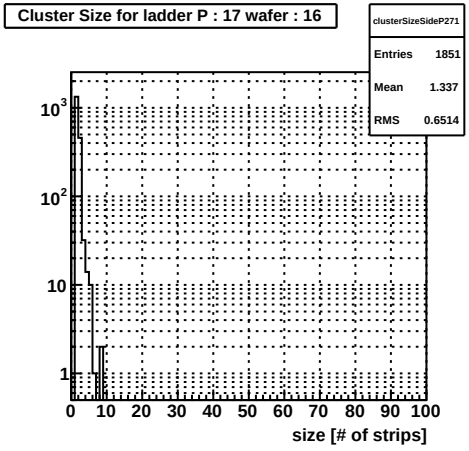

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2673
Mean 1.135
RMS 0.4755
size [# of strips]

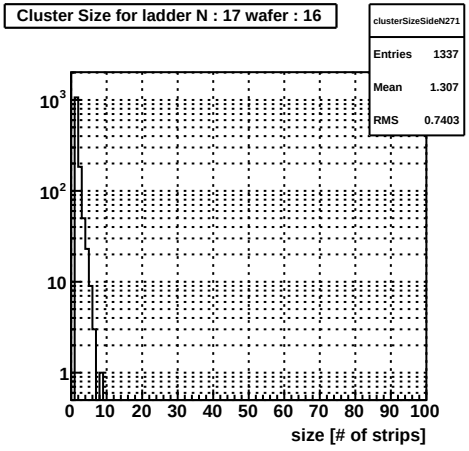

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3133
Mean 1.171
RMS 0.5371
size [# of strips]

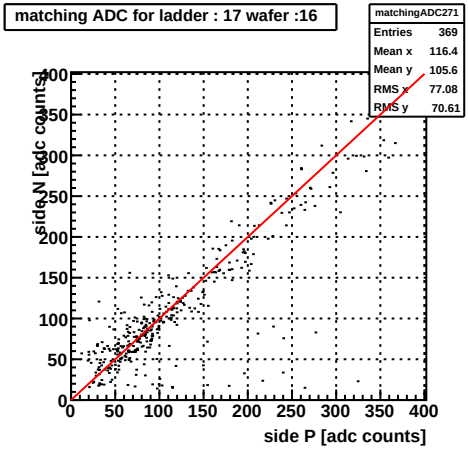

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 394
Mean x 91.91
Mean y 93.74
RMS x 68.58
RMS y 64.83
side N [adc counts]
side P [adc counts]

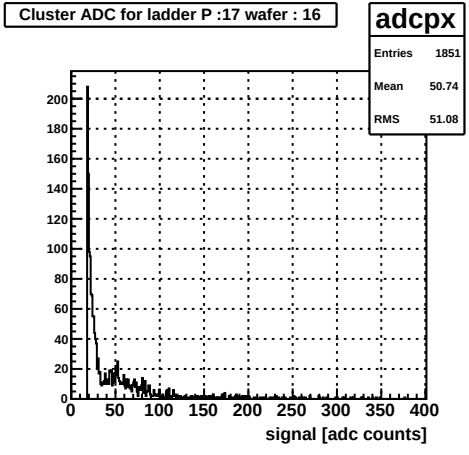

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2673
Mean 35.73
RMS 39.75
signal [adc counts]

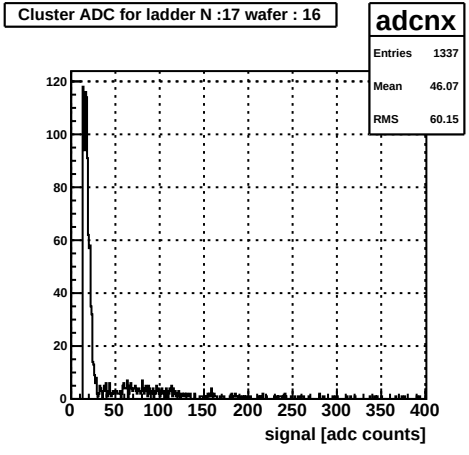

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3133
Mean 58.78
RMS 62.55
signal [adc counts]

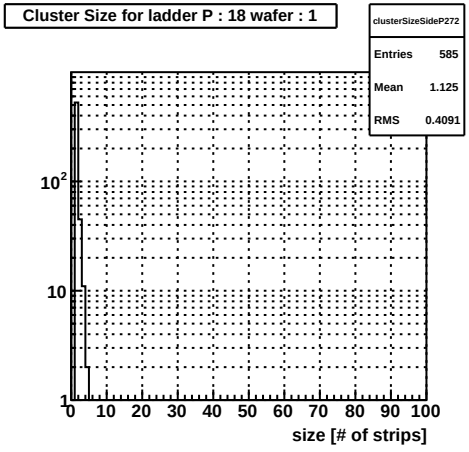

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1851
Mean 1.337
RMS 0.6514
size [# of strips]

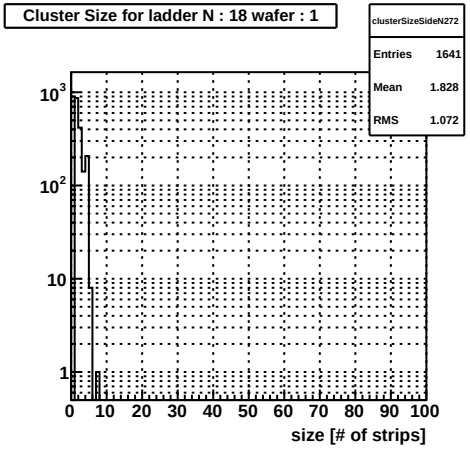

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1337
Mean 1.307
RMS 0.7403
size [# of strips]

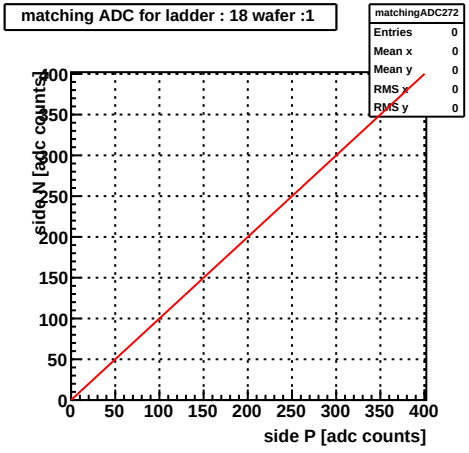

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 369
Mean x 116.4
Mean y 105.6
RMS x 77.08
RMS y 70.61
side N [adc counts]
side P [adc counts]

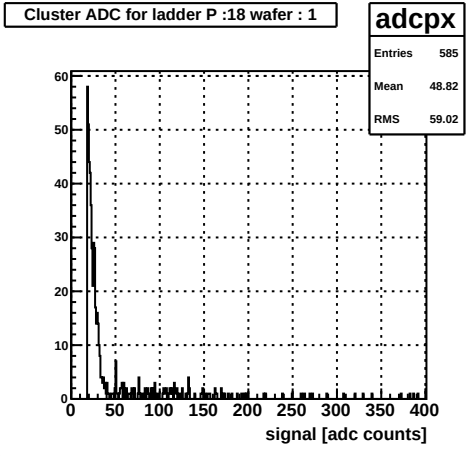

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1851
Mean 50.74
RMS 51.08
signal [adc counts]

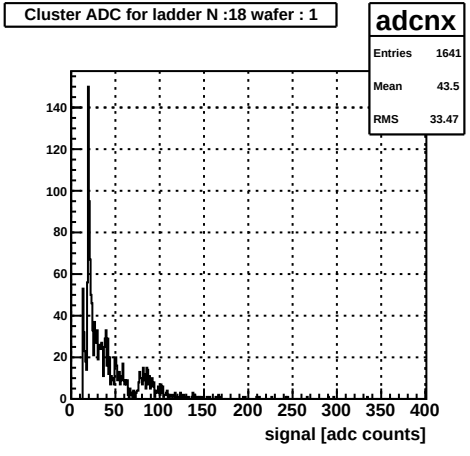

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1337
Mean 46.07
RMS 60.15
signal [adc counts]

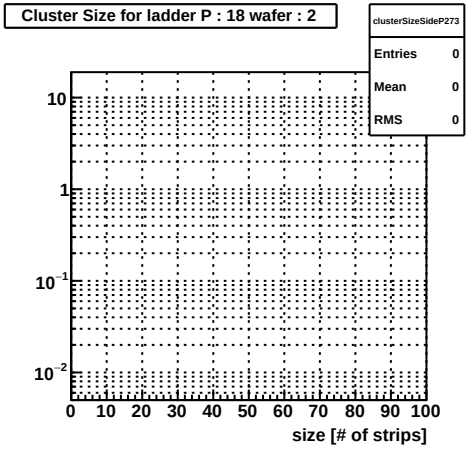

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 585
Mean 1.125
RMS 0.4091
size [# of strips]

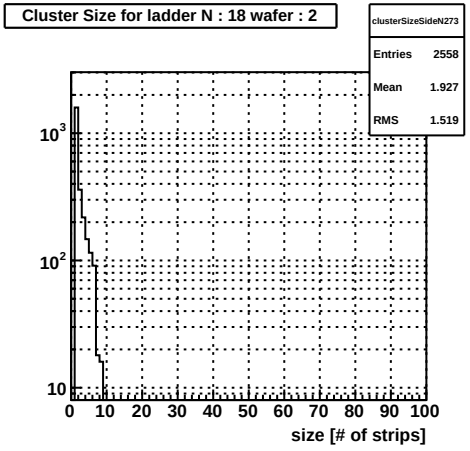

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1641
Mean 1.828
RMS 1.072
size [# of strips]

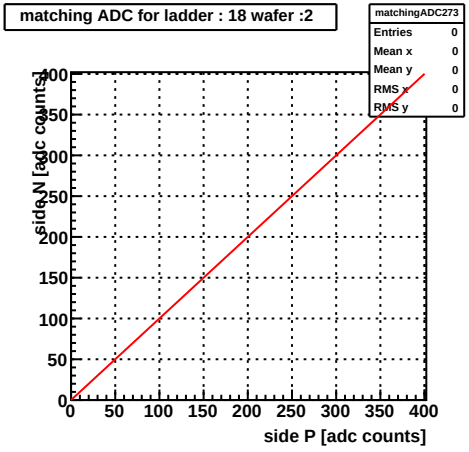

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

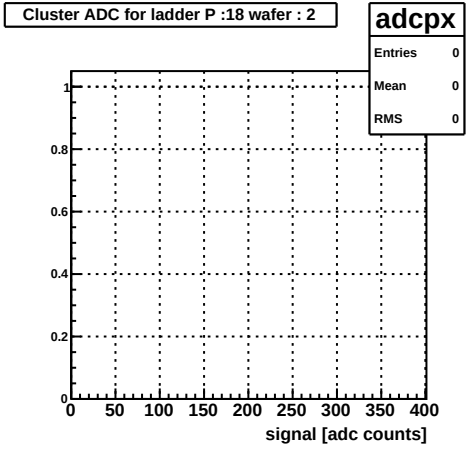

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 585
Mean 48.82
RMS 59.02
signal [adc counts]

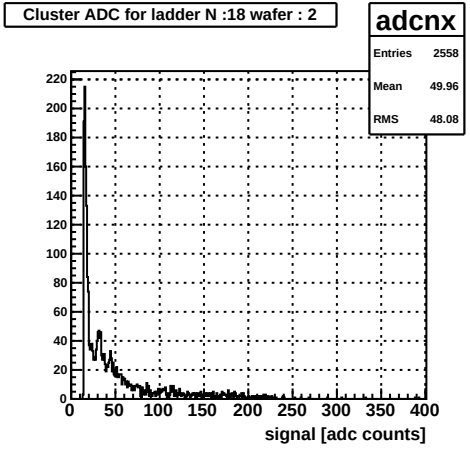

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1641
Mean 43.5
RMS 33.47
signal [adc counts]

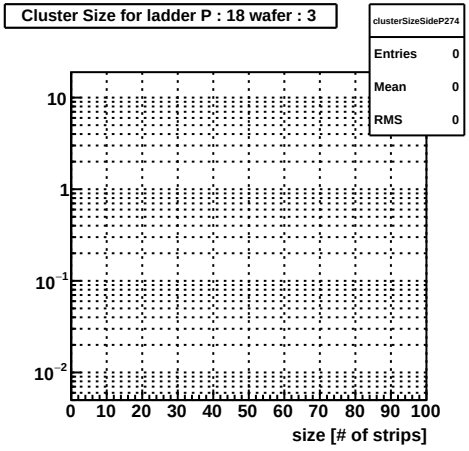

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

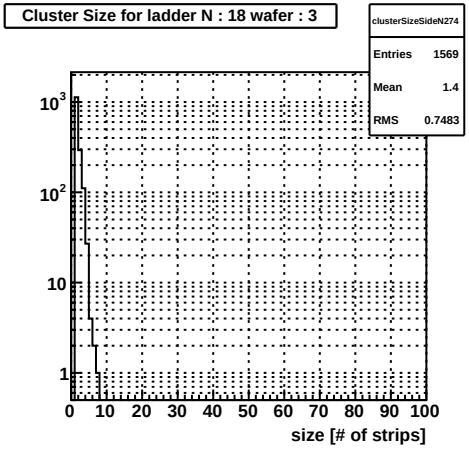

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2558
Mean 1.927
RMS 1.519
size [# of strips]

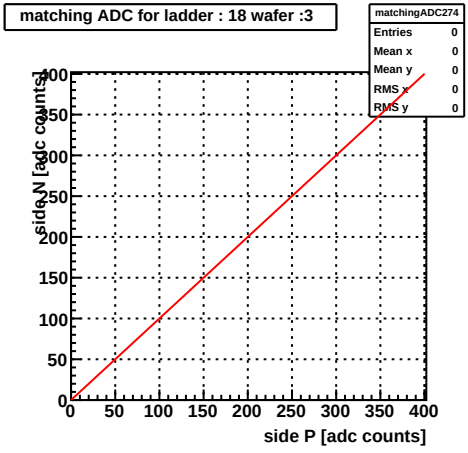

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

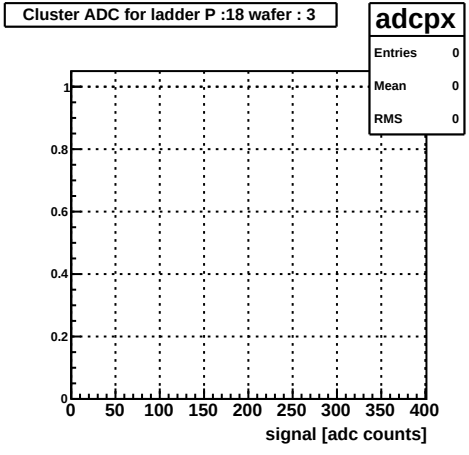

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

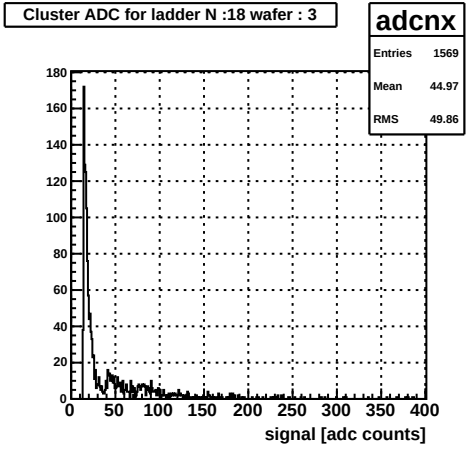

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2558
Mean 49.96
RMS 48.08
signal [adc counts]

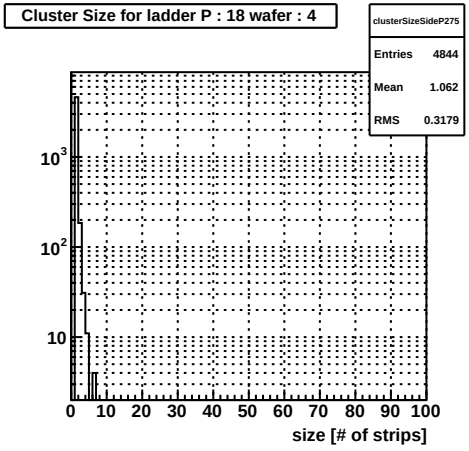

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

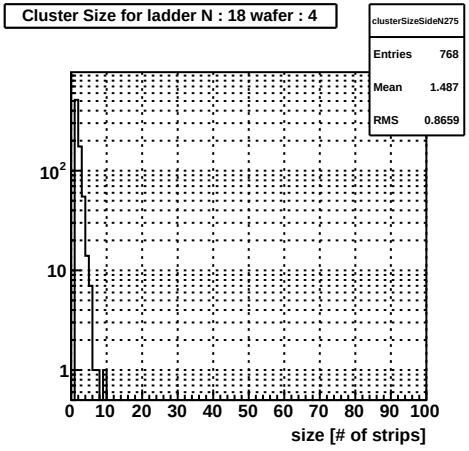

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1569
Mean 1.4
RMS 0.7483
size [# of strips]

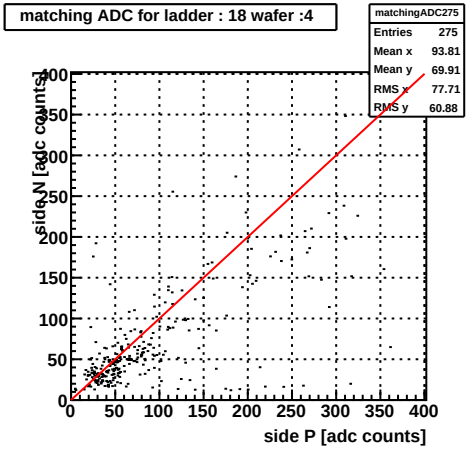

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

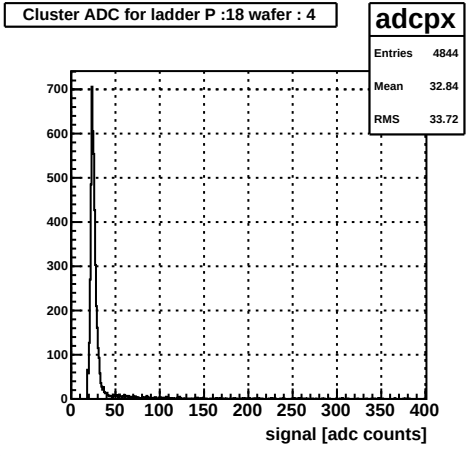

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

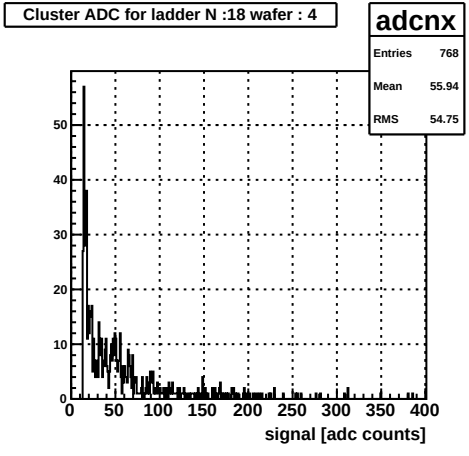

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1569
Mean 44.97
RMS 49.86
signal [adc counts]

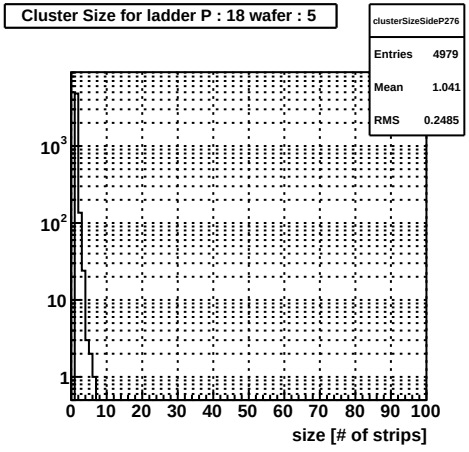

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4844
Mean 1.062
RMS 0.3179
size [# of strips]

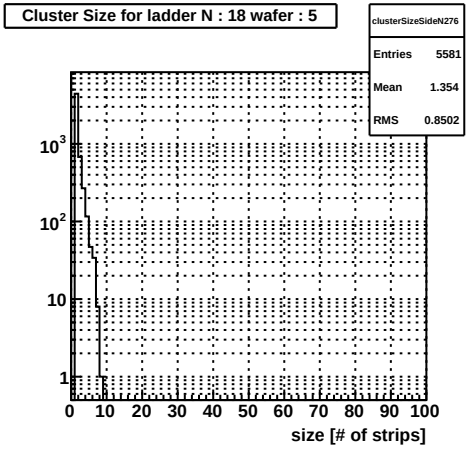

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 768
Mean 1.487
RMS 0.8659
size [# of strips]

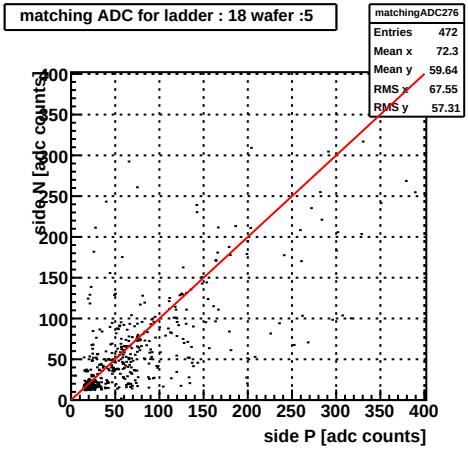

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 275
Mean x 93.81
Mean y 69.91
RMS x 77.71
RMS y 60.88
side N [adc counts]
side P [adc counts]

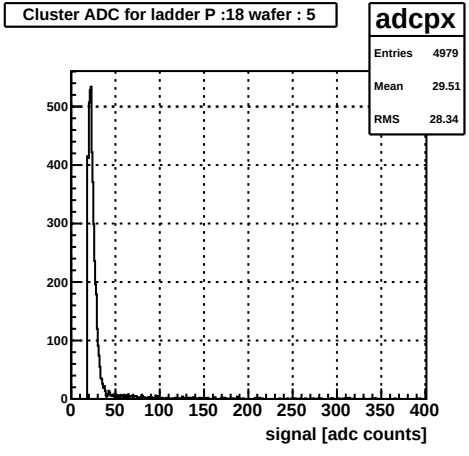

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4844
Mean 32.84
RMS 33.72
signal [adc counts]

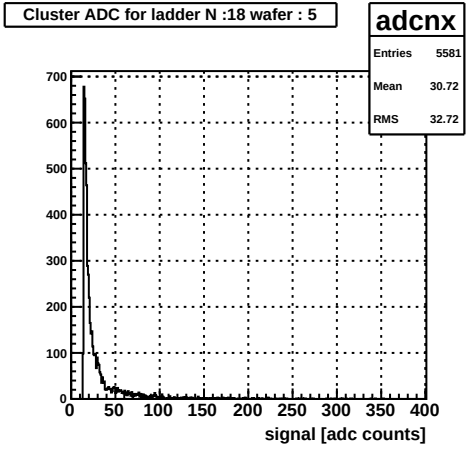

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 768
Mean 55.94
RMS 54.75
signal [adc counts]

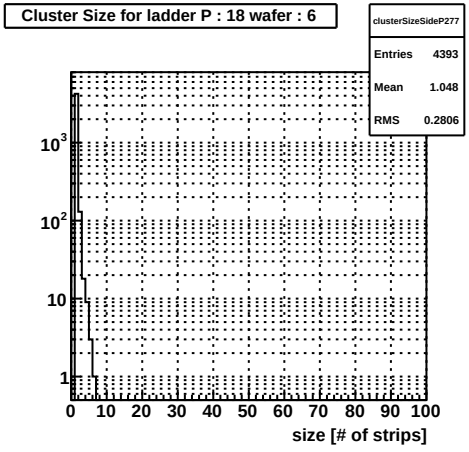

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4979
Mean 1.041
RMS 0.2485
size [# of strips]

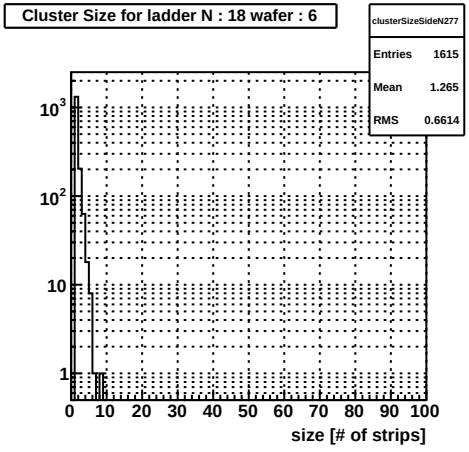

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5581
Mean 1.354
RMS 0.8502
size [# of strips]

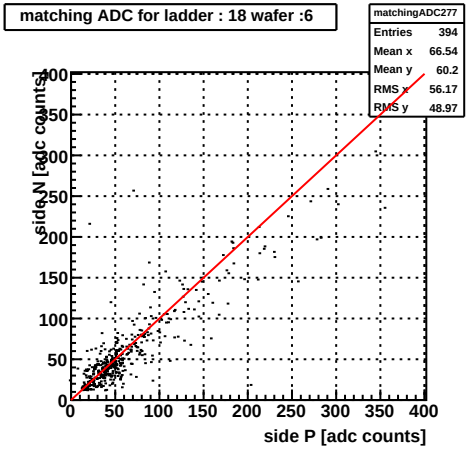

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 472
Mean x 72.3
Mean y 59.64
RMS x 67.55
RMS y 57.31
side N [adc counts]
side P [adc counts]

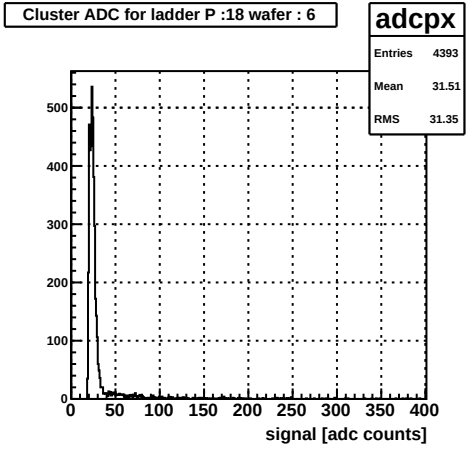

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4979
Mean 29.51
RMS 28.34
signal [adc counts]

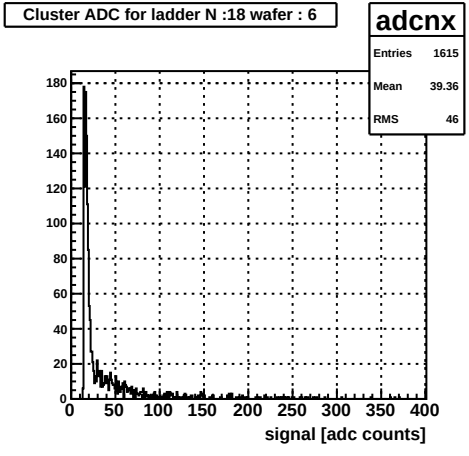

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5581
Mean 30.72
RMS 32.72
signal [adc counts]

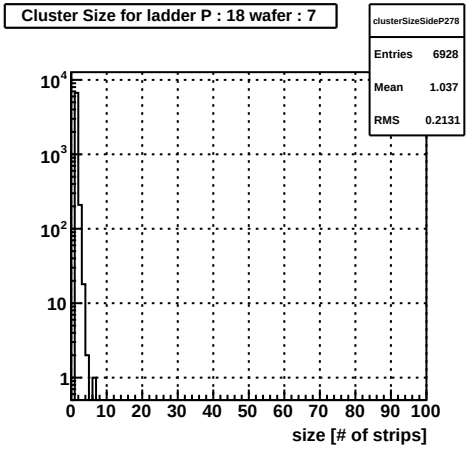

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 4393
Mean 1.048
RMS 0.2806
size [# of strips]

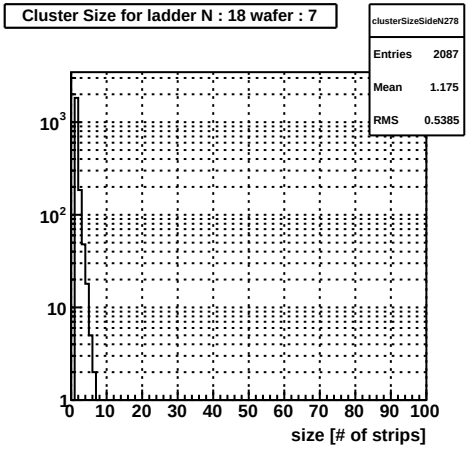

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1615
Mean 1.265
RMS 0.6614
size [# of strips]

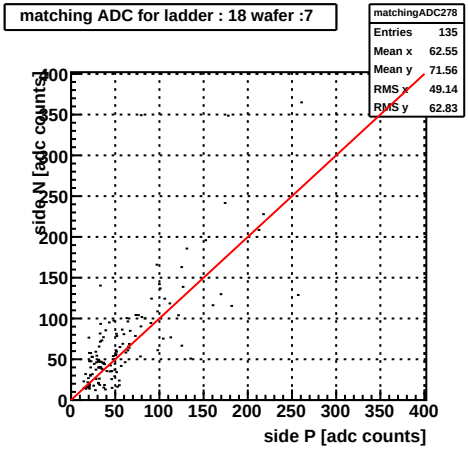

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 394
Mean x 66.54
Mean y 60.2
RMS x 56.17
RMS y 48.97
side N [adc counts]
side P [adc counts]

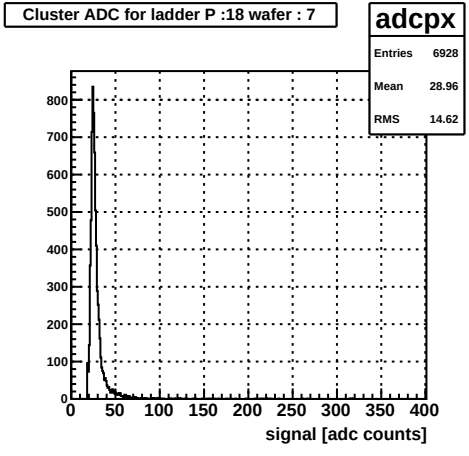

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 4393
Mean 31.51
RMS 31.35
signal [adc counts]

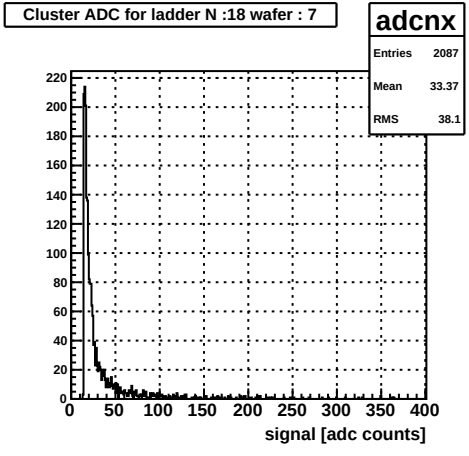

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1615
Mean 39.36
RMS 46
signal [adc counts]

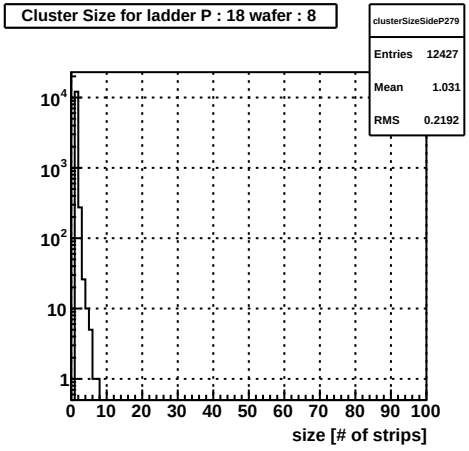

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6928
Mean 1.037
RMS 0.2131
size [# of strips]

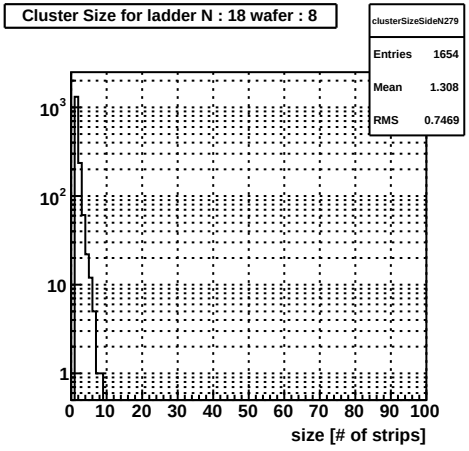

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2087
Mean 1.175
RMS 0.5385
size [# of strips]

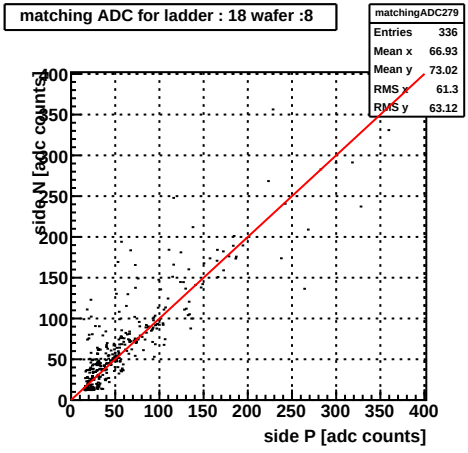

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 135
Mean x 62.55
Mean y 71.56
RMS x 49.14
RMS y 62.83
side N [adc counts]
side P [adc counts]

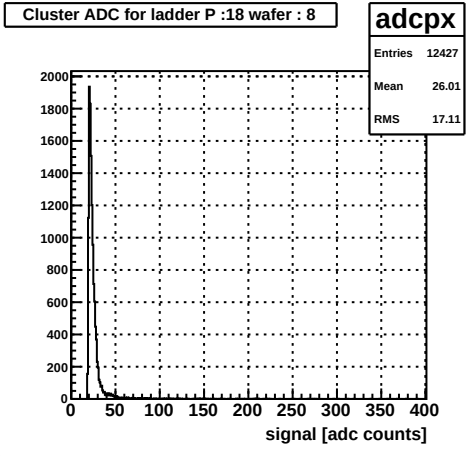

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6928
Mean 28.96
RMS 14.62
signal [adc counts]

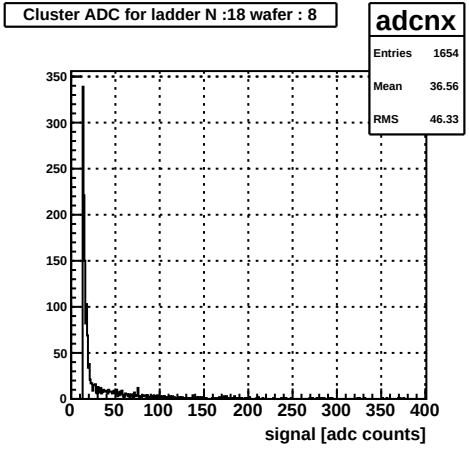

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2087
Mean 33.37
RMS 38.1
signal [adc counts]

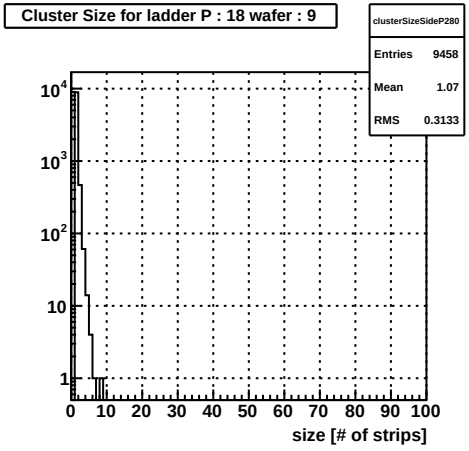

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 12427
Mean 1.031
RMS 0.2192
size [# of strips]

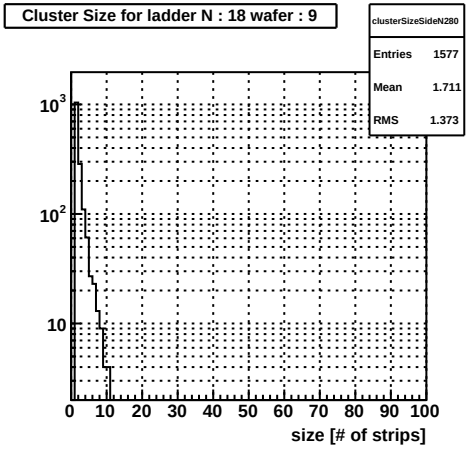

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1654
Mean 1.308
RMS 0.7469
size [# of strips]

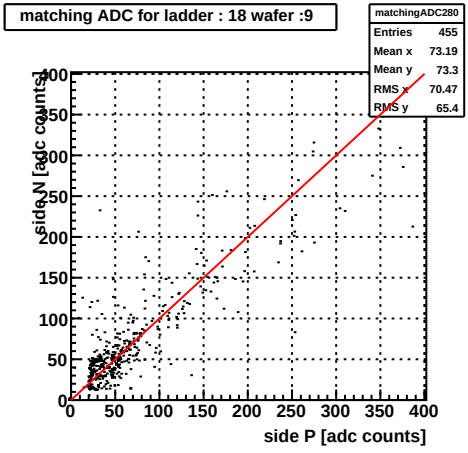

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 336
Mean x 66.93
Mean y 73.02
RMS x 61.3
RMS y 63.12
side N [adc counts]
side P [adc counts]

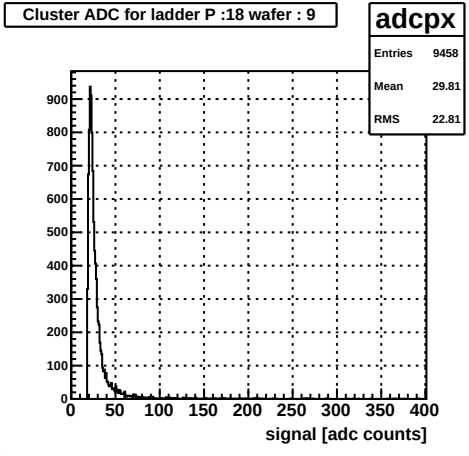

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 12427
Mean 26.01
RMS 17.11
signal [adc counts]

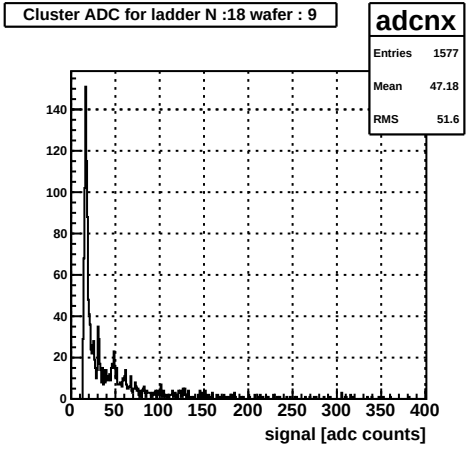

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1654
Mean 36.56
RMS 46.33
signal [adc counts]

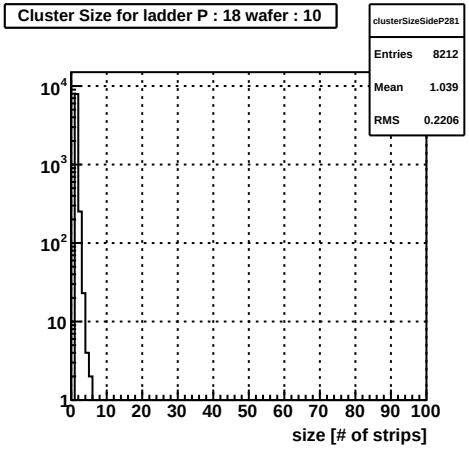

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 9458
Mean 1.07
RMS 0.3133
size [# of strips]

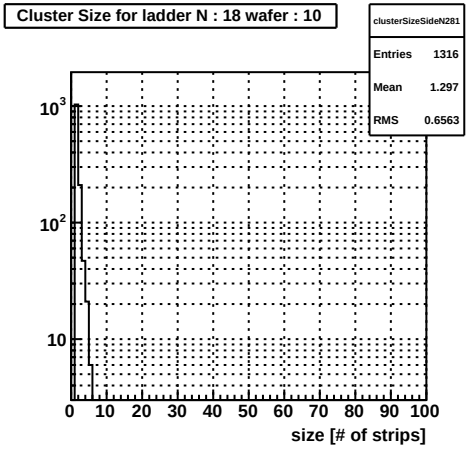

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1577
Mean 1.711
RMS 1.373
size [# of strips]

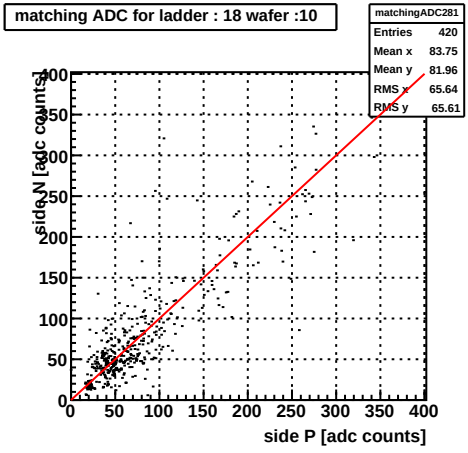

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 455
Mean x 73.19
Mean y 73.3
RMS x 70.47
RMS y 65.4
side N [adc counts]
side P [adc counts]

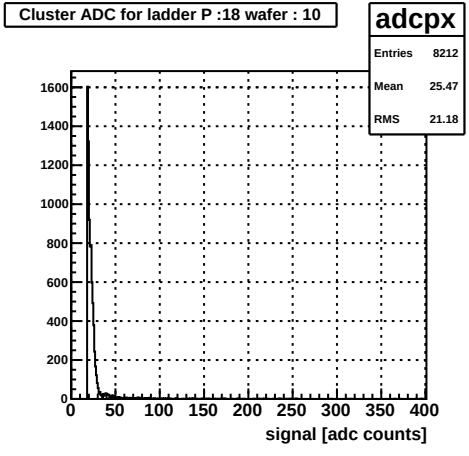

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 9458
Mean 29.81
RMS 22.81
signal [adc counts]

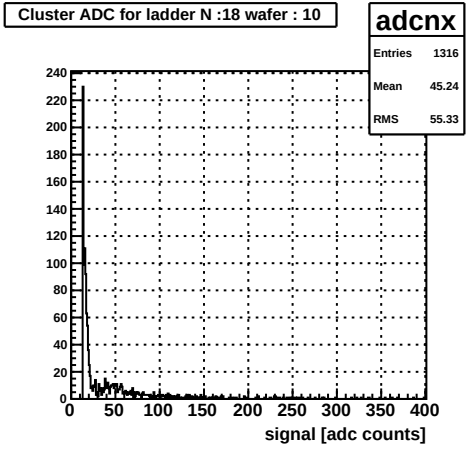

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1577
Mean 47.18
RMS 51.6
signal [adc counts]

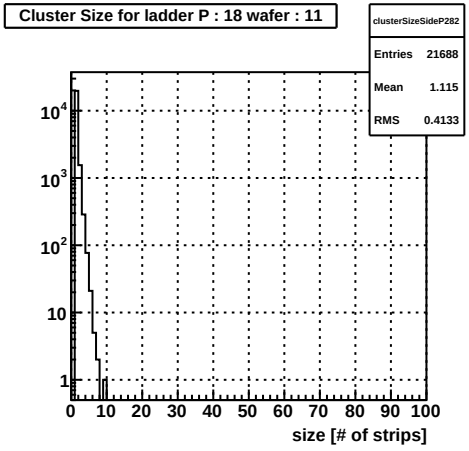

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8212
Mean 1.039
RMS 0.2206
size [# of strips]

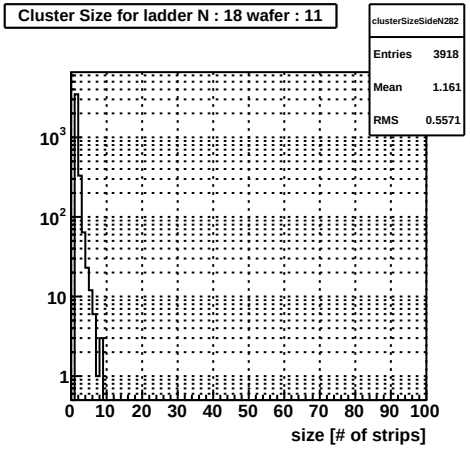

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1316
Mean 1.297
RMS 0.6563
size [# of strips]

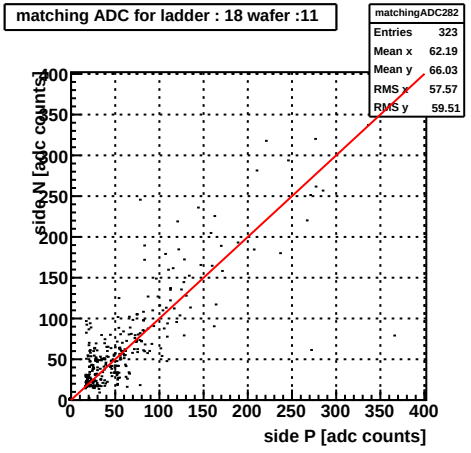

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 420
Mean x 83.75
Mean y 81.96
RMS x 65.64
RMS y 65.61
side N [adc counts]
side P [adc counts]

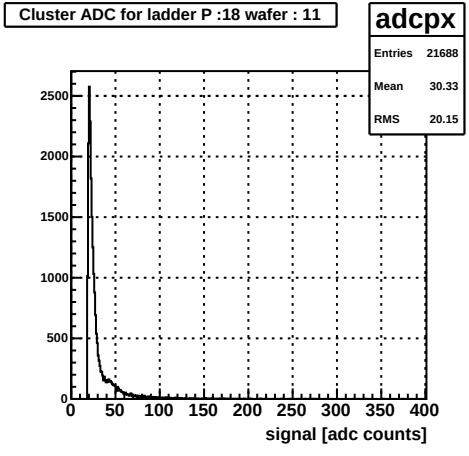

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8212
Mean 25.47
RMS 21.18
signal [adc counts]

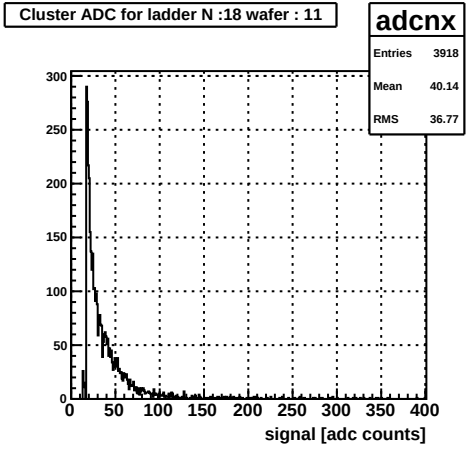

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1316
Mean 45.24
RMS 55.33
signal [adc counts]

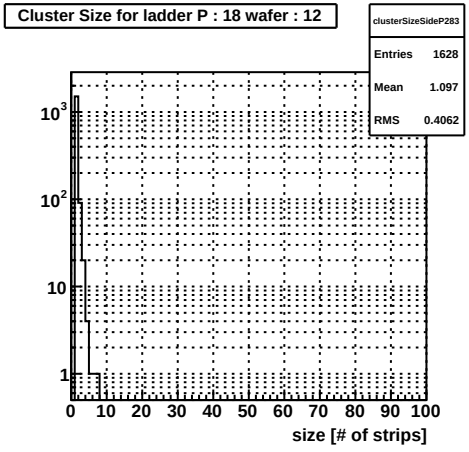

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 21688
Mean 1.115
RMS 0.4133
size [# of strips]

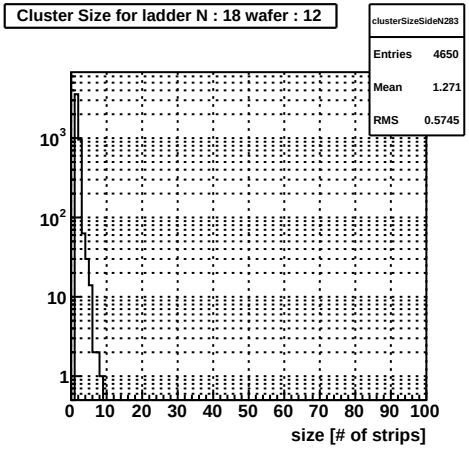

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3918
Mean 1.161
RMS 0.5571
size [# of strips]

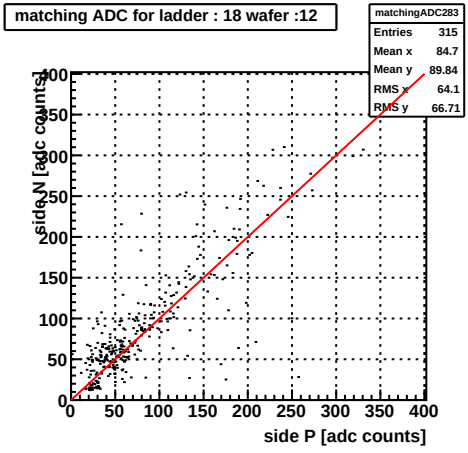

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 323
Mean x 62.19
Mean y 66.03
RMS x 57.57
RMS y 59.51
side N [adc counts]
side P [adc counts]

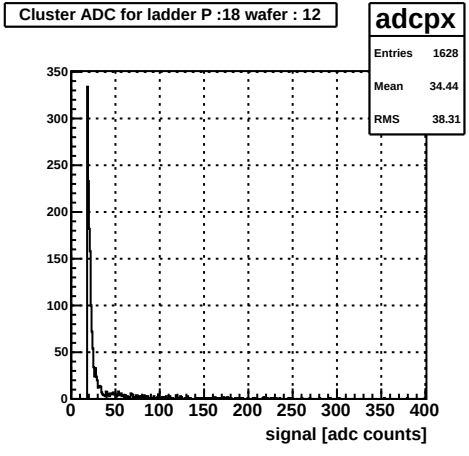

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 21688
Mean 30.33
RMS 20.15
signal [adc counts]

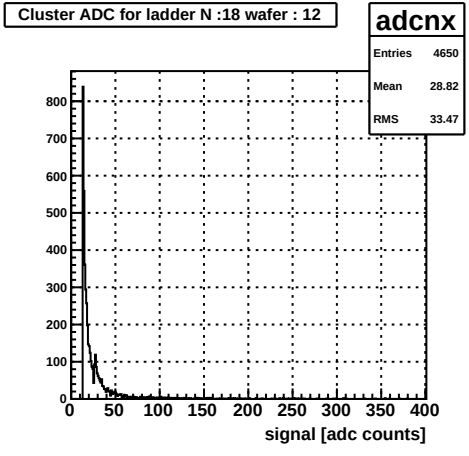

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3918
Mean 40.14
RMS 36.77
signal [adc counts]

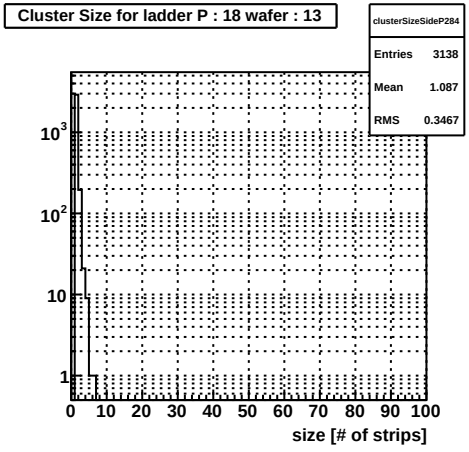

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1628
Mean 1.097
RMS 0.4062
size [# of strips]

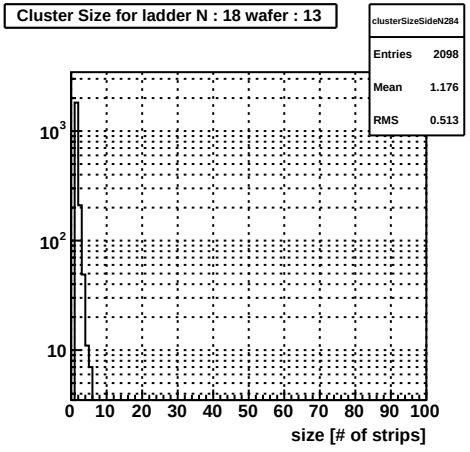

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 4650
Mean 1.271
RMS 0.5745
size [# of strips]

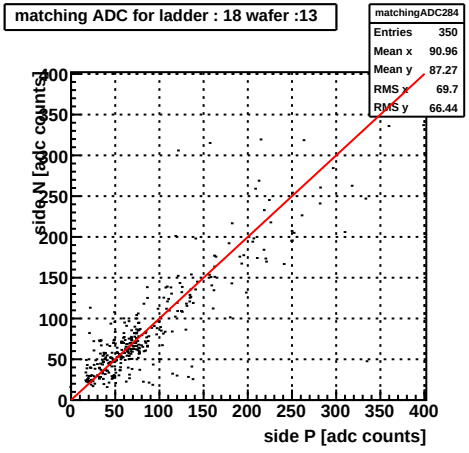

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 315
Mean x 84.7
Mean y 89.84
RMS x 64.1
RMS y 66.71
side N [adc counts]
side P [adc counts]

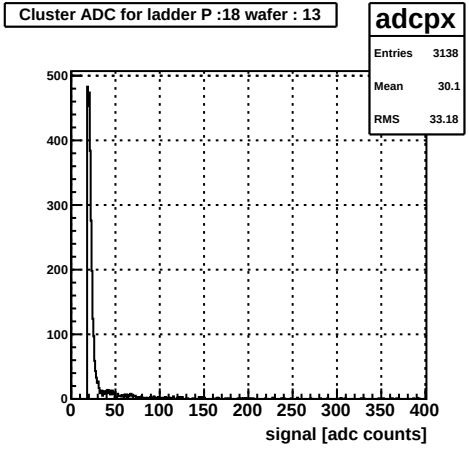

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1628
Mean 34.44
RMS 38.31
signal [adc counts]

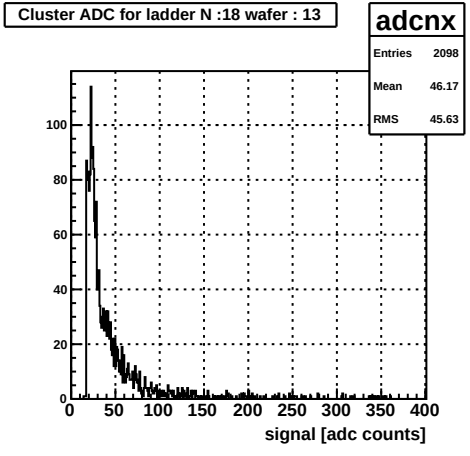

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 4650
Mean 28.82
RMS 33.47
signal [adc counts]

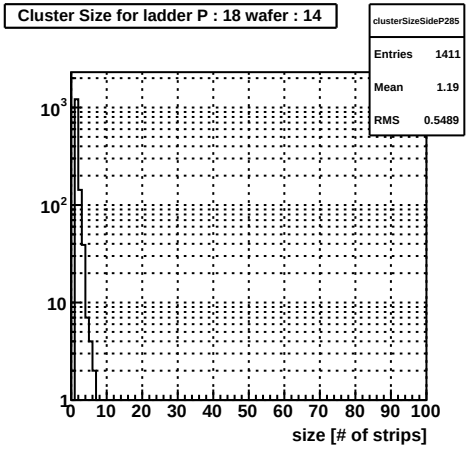

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3138
Mean 1.087
RMS 0.3467
size [# of strips]

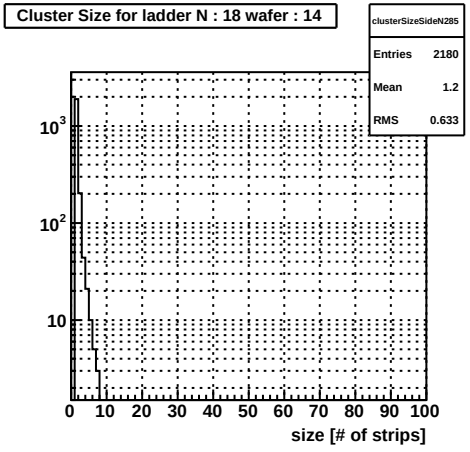

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2098
Mean 1.176
RMS 0.513
size [# of strips]

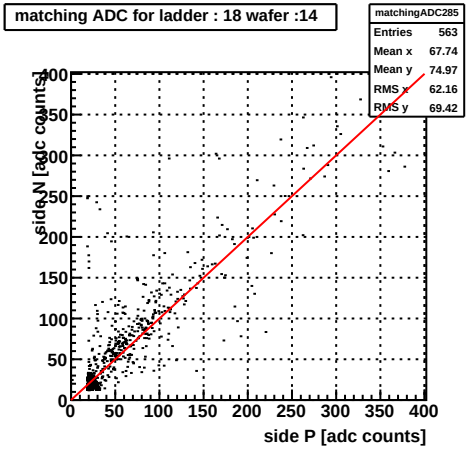

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 350
Mean x 90.96
Mean y 87.27
RMS x 69.7
RMS y 66.44
side N [adc counts]
side P [adc counts]

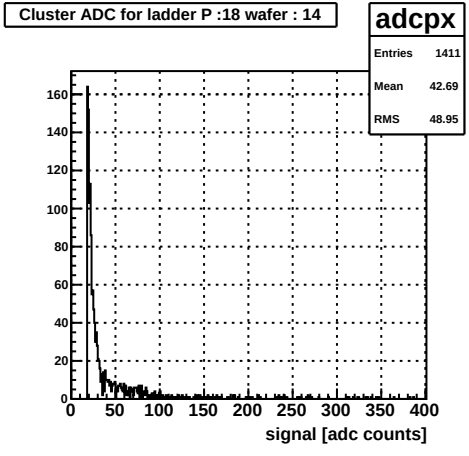

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3138
Mean 30.1
RMS 33.18
signal [adc counts]

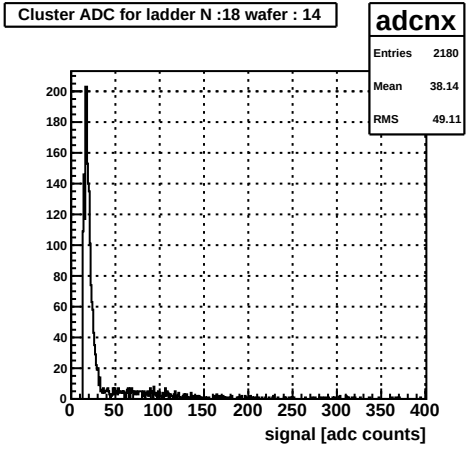

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2098
Mean 46.17
RMS 45.63
signal [adc counts]

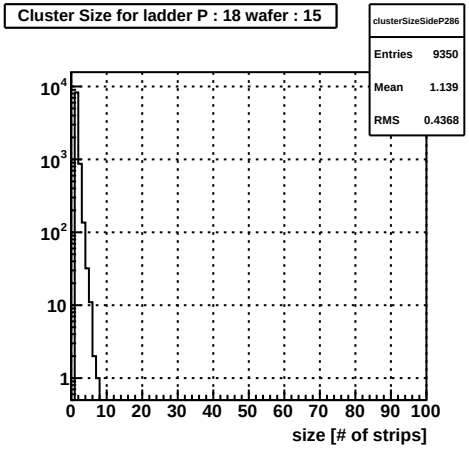

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1411
Mean 1.19
RMS 0.5489
size [# of strips]

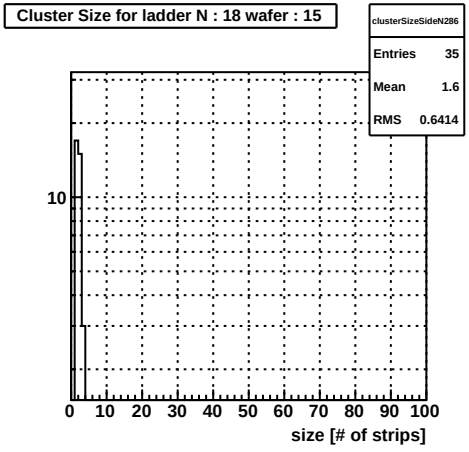

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2180
Mean 1.2
RMS 0.633
size [# of strips]

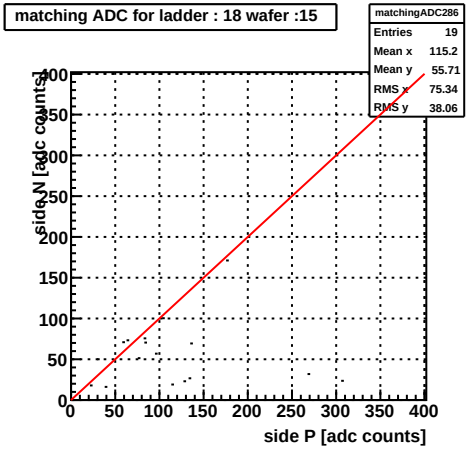

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 563
Mean x 67.74
Mean y 74.97
RMS x 62.16
RMS y 69.42
side N [adc counts]
side P [adc counts]

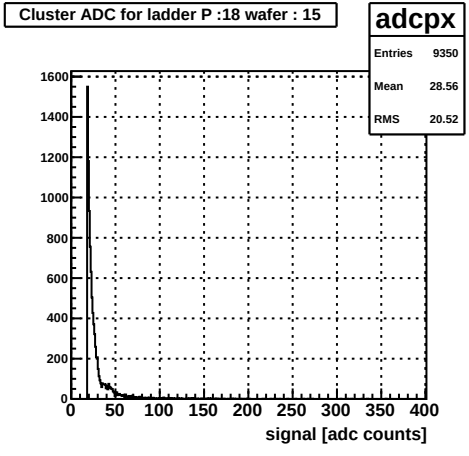

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1411
Mean 42.69
RMS 48.95
signal [adc counts]

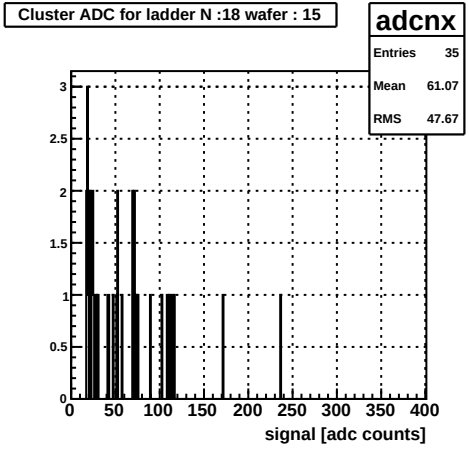

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2180
Mean 38.14
RMS 49.11
signal [adc counts]

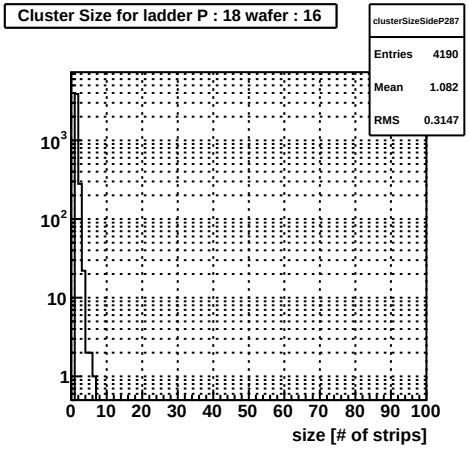

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 9350
Mean 1.139
RMS 0.4368
size [# of strips]

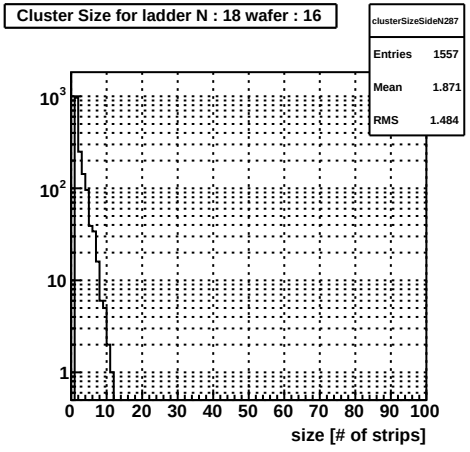

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 35
Mean 1.6
RMS 0.6414
size [# of strips]

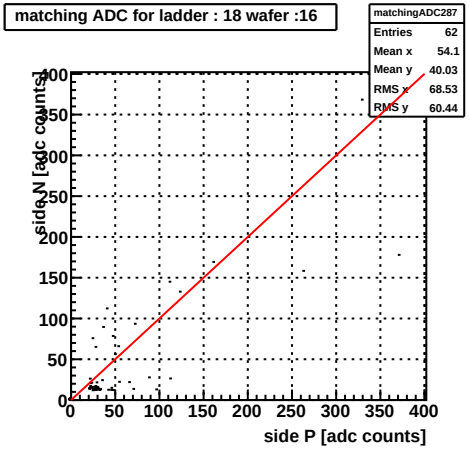

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 19
Mean x 115.2
Mean y 55.71
RMS x 75.34
RMS y 38.06
side N [adc counts]
side P [adc counts]

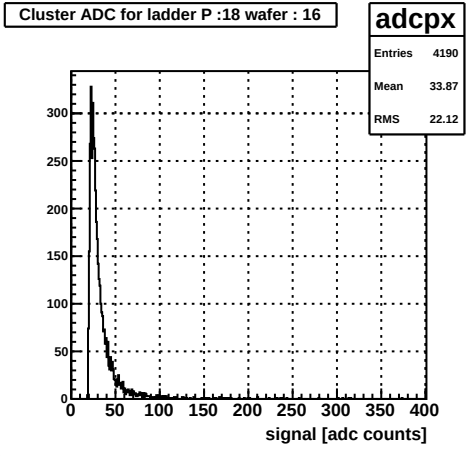

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 9350
Mean 28.56
RMS 20.52
signal [adc counts]

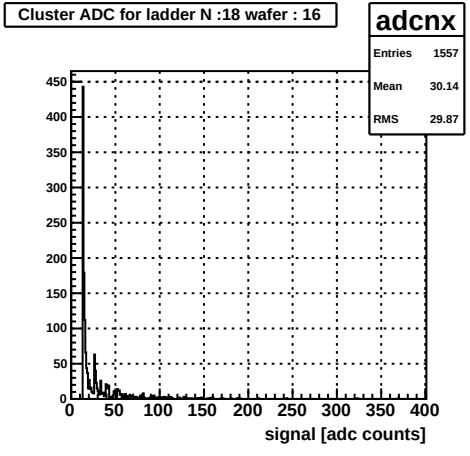

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 35
Mean 61.07
RMS 47.67
signal [adc counts]

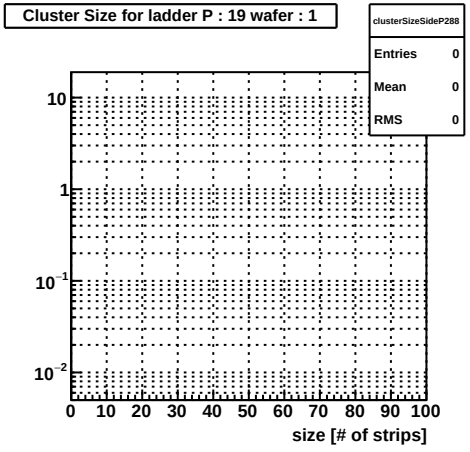

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4190
Mean 1.082
RMS 0.3147
size [# of strips]

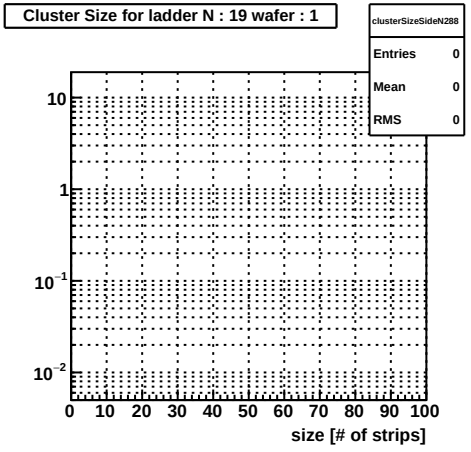

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1557
Mean 1.871
RMS 1.484
size [# of strips]

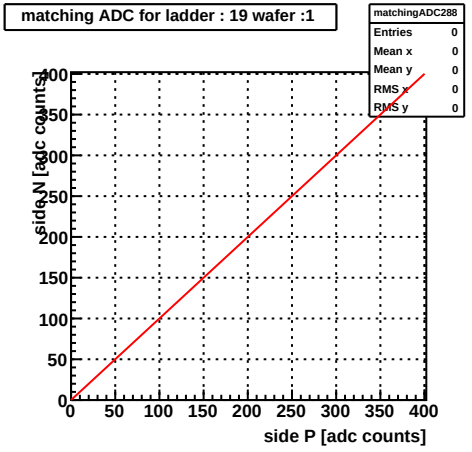

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 62
Mean x 54.1
Mean y 40.03
RMS x 68.53
RMS y 60.44
side N [adc counts]
side P [adc counts]

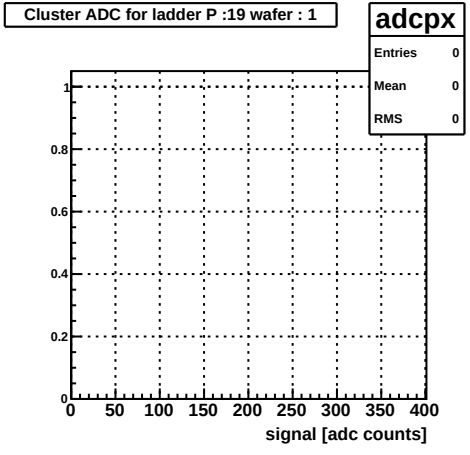

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4190
Mean 33.87
RMS 22.12
signal [adc counts]

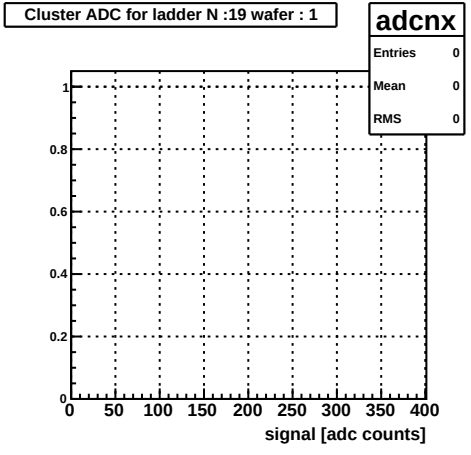

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1557
Mean 30.14
RMS 29.87
signal [adc counts]

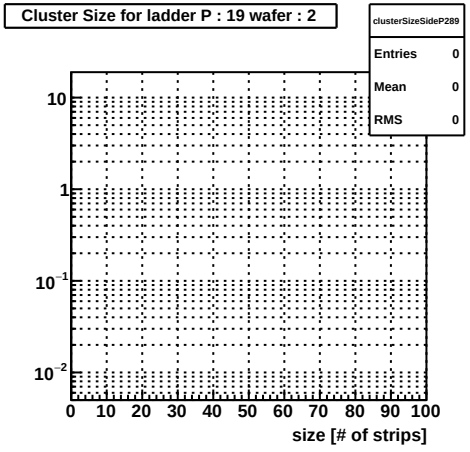

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

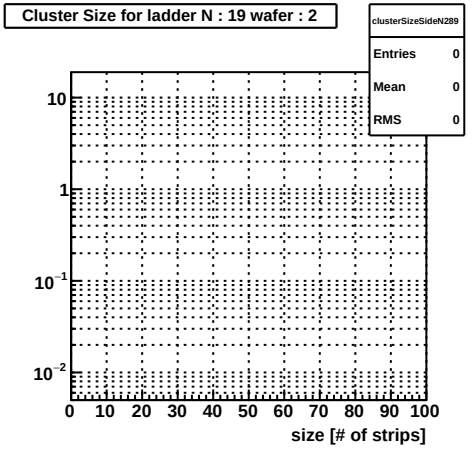

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

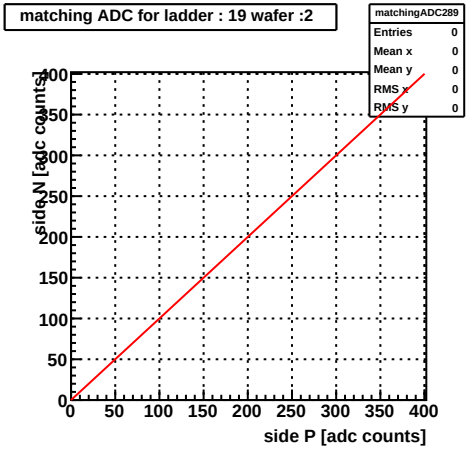

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

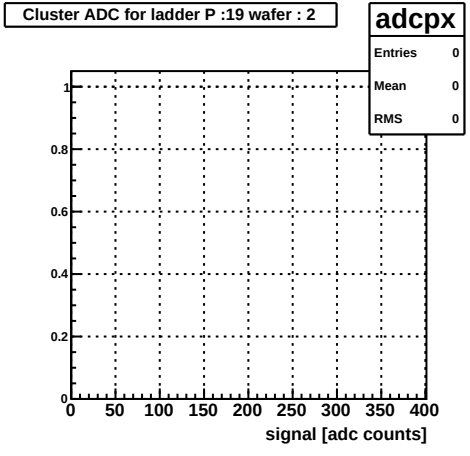

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

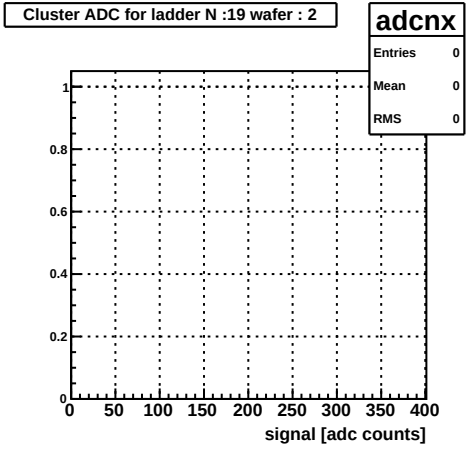

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

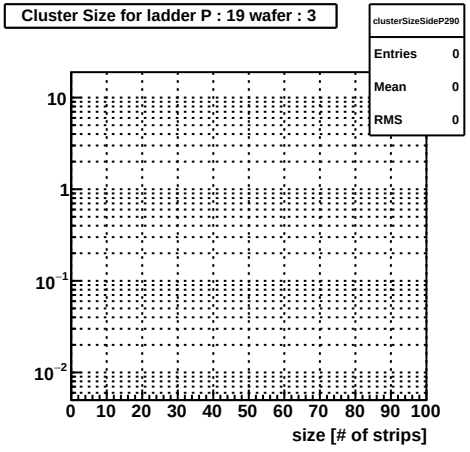

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

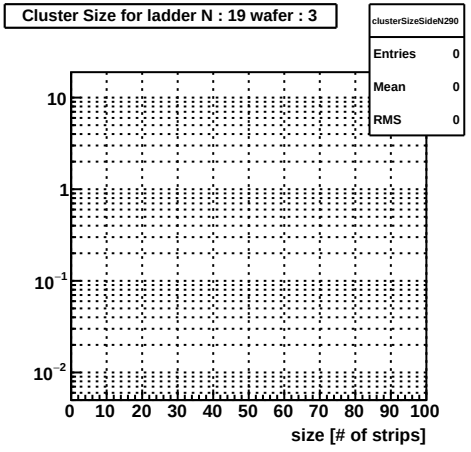

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

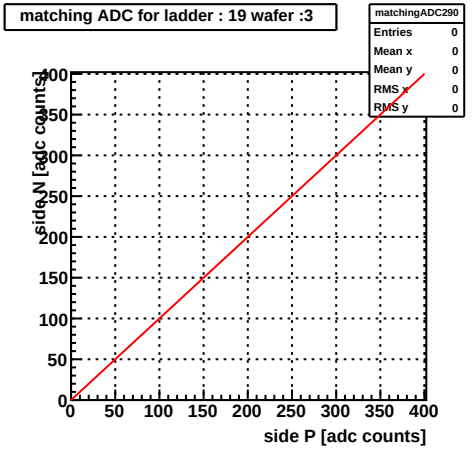

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

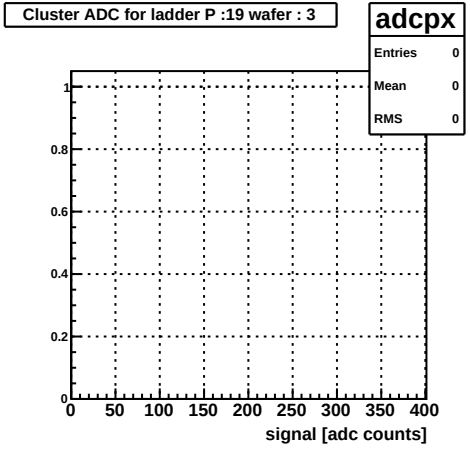

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

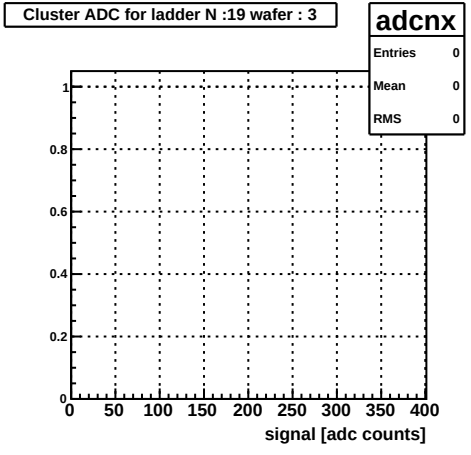

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

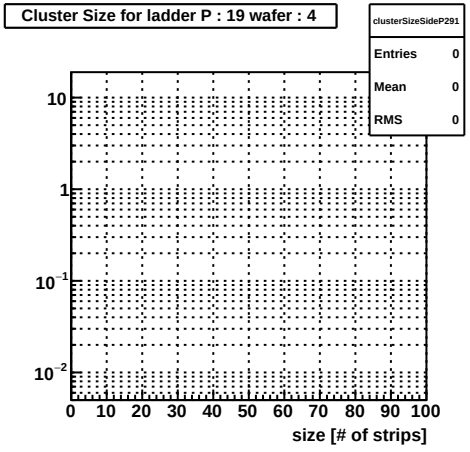

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

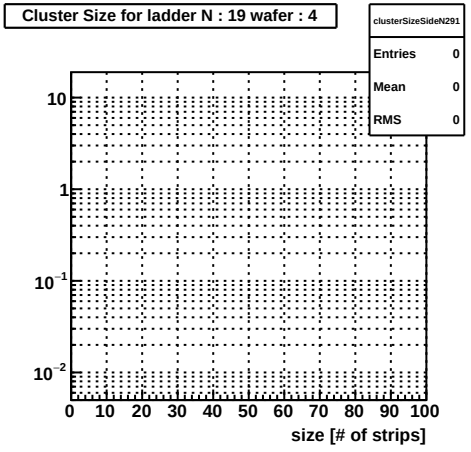

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

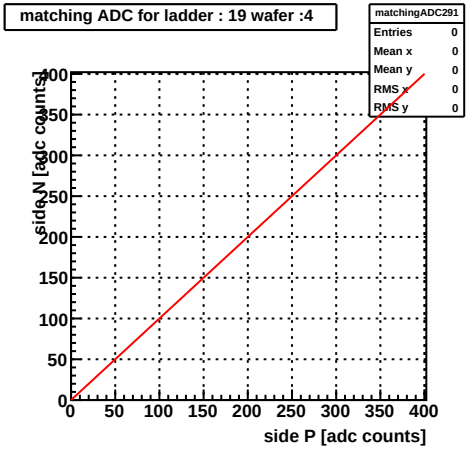

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

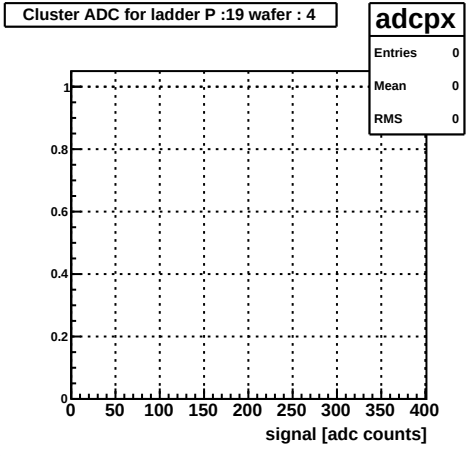

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

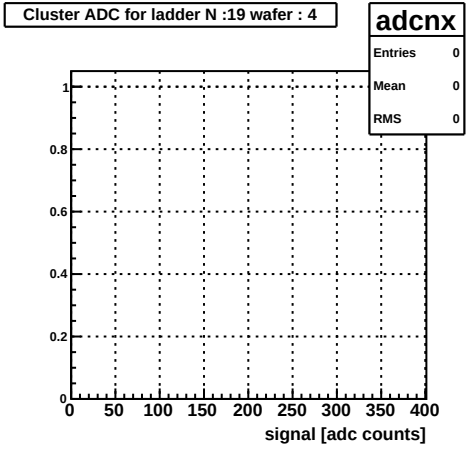

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

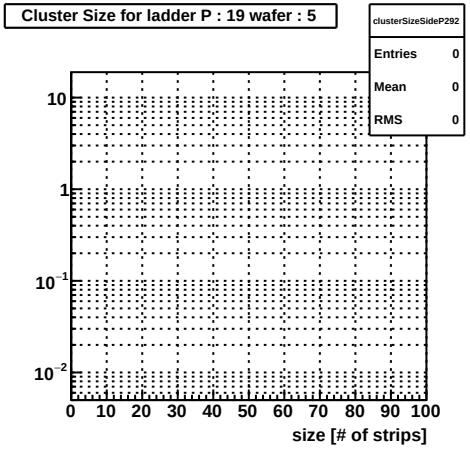

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

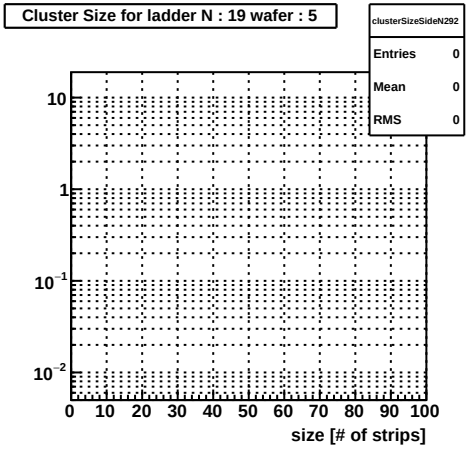

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

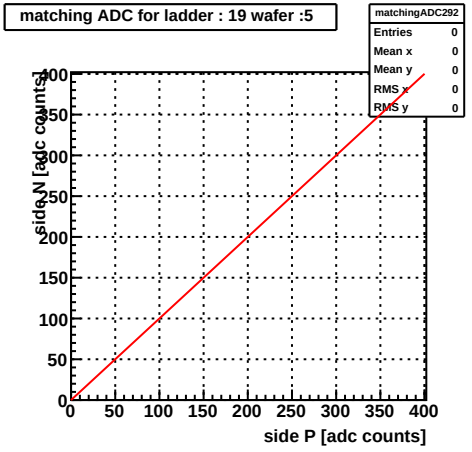

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

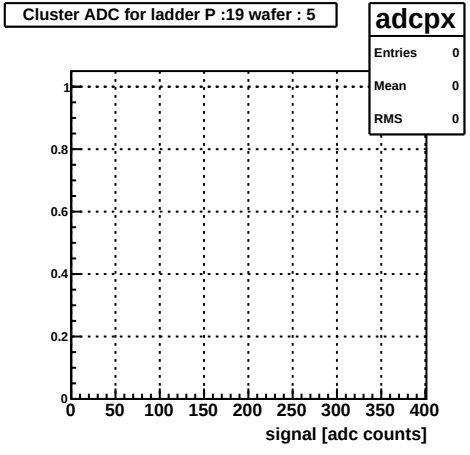

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

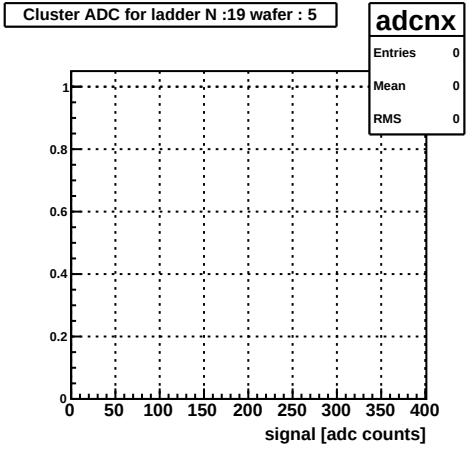

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

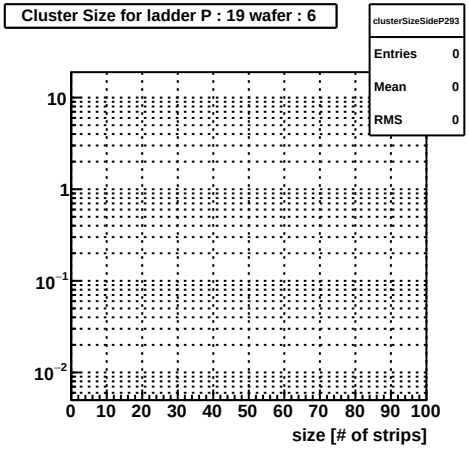

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

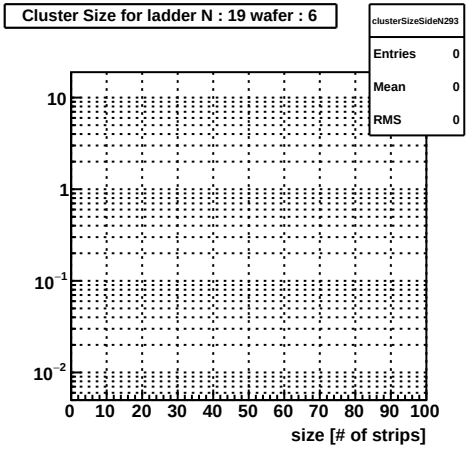

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

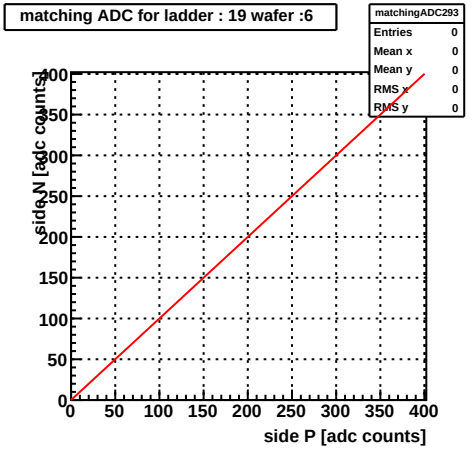

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

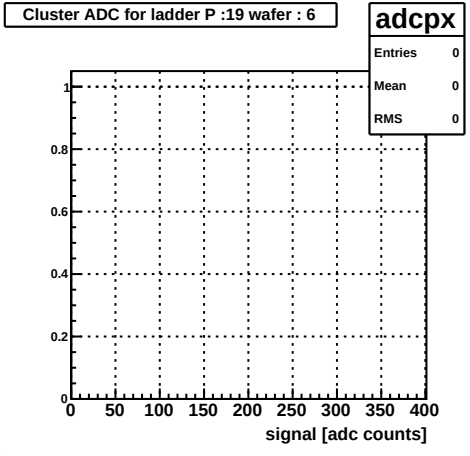

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

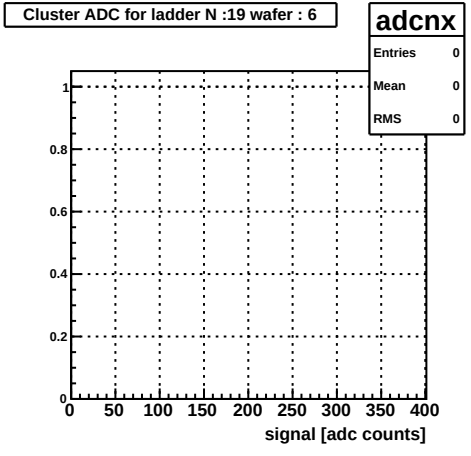

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

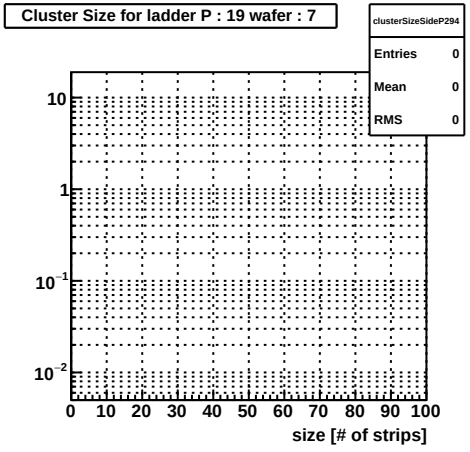

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

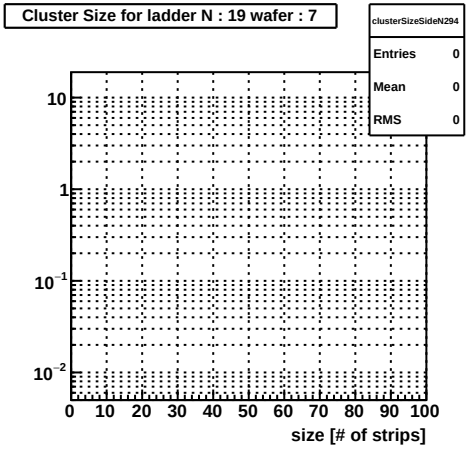

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

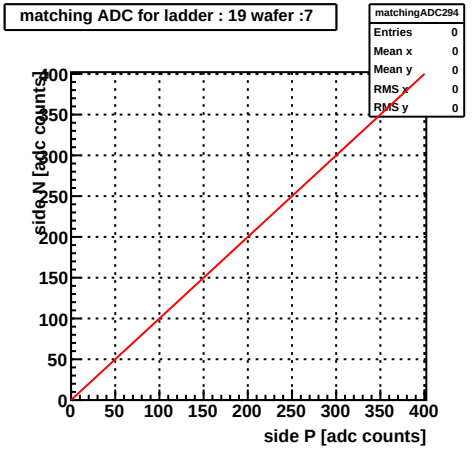

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

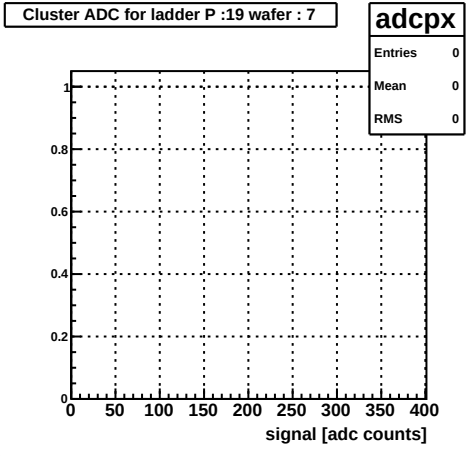

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

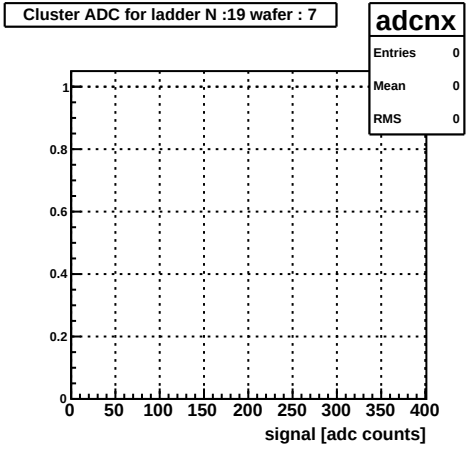

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

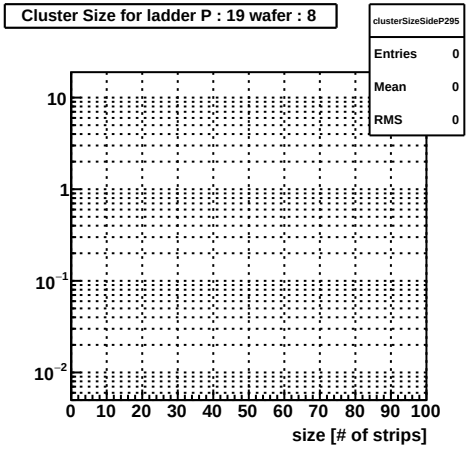

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

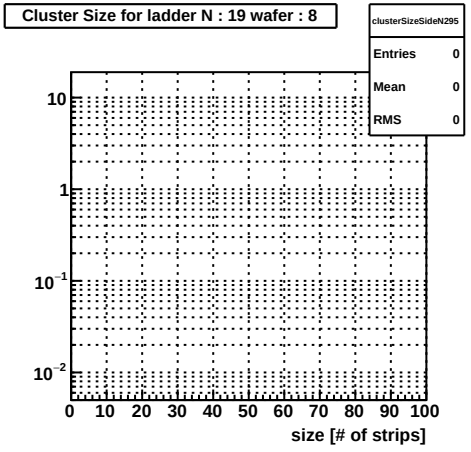

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

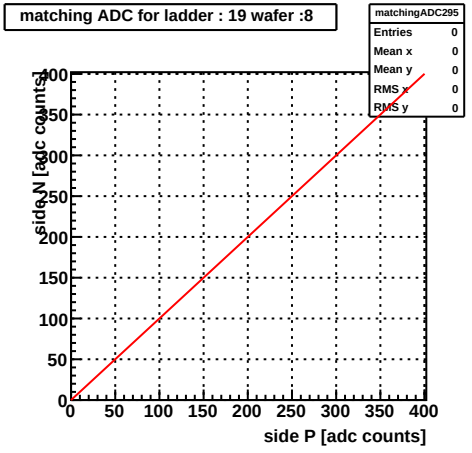

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

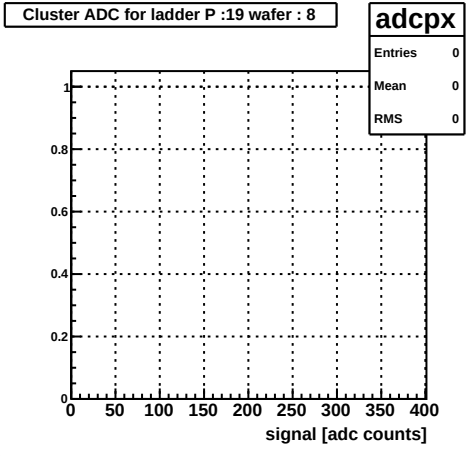

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

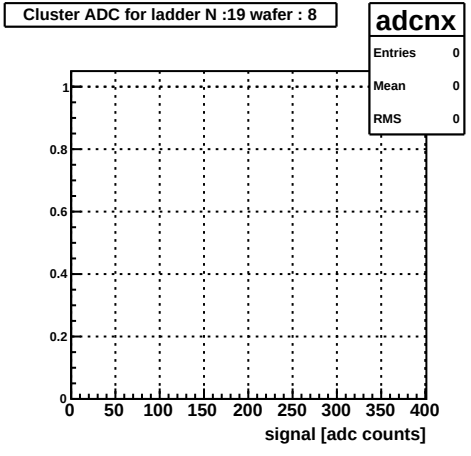

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

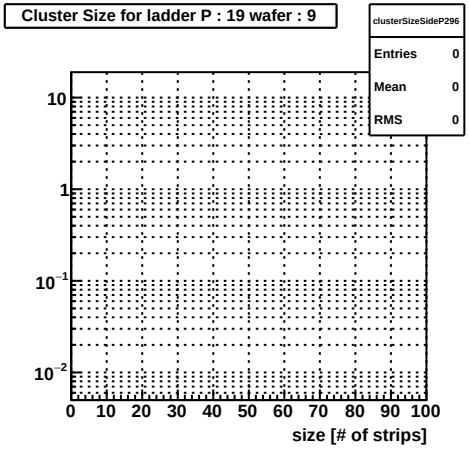

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

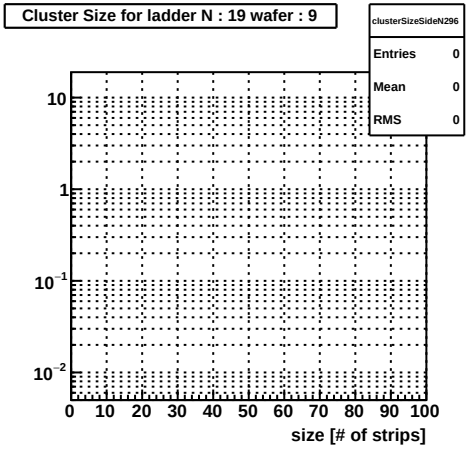

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

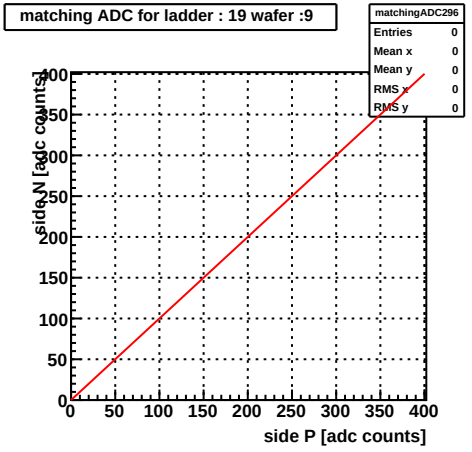

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

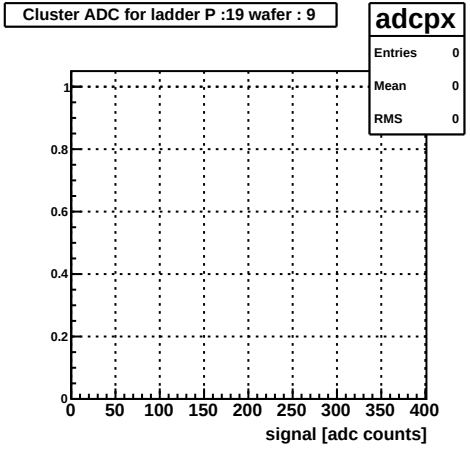

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

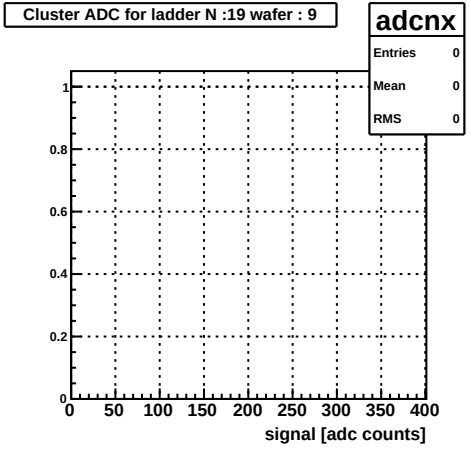

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

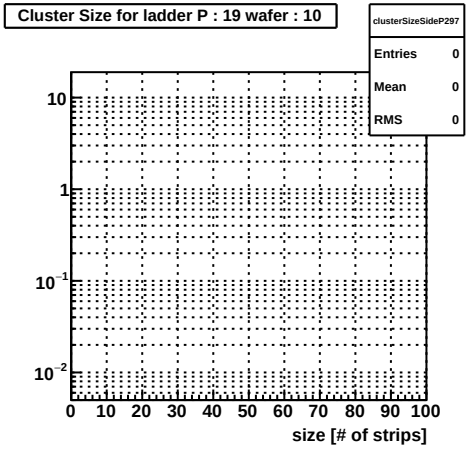

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

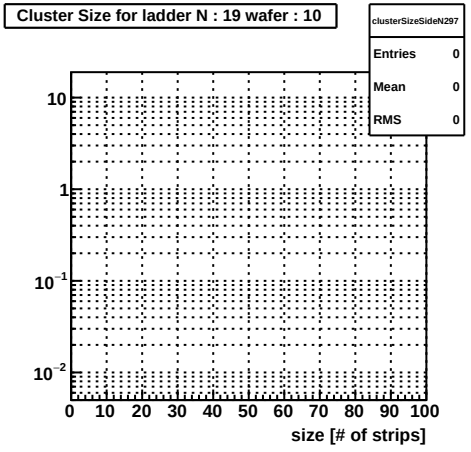

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

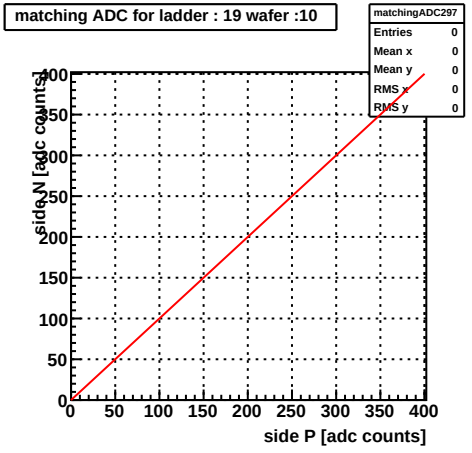

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

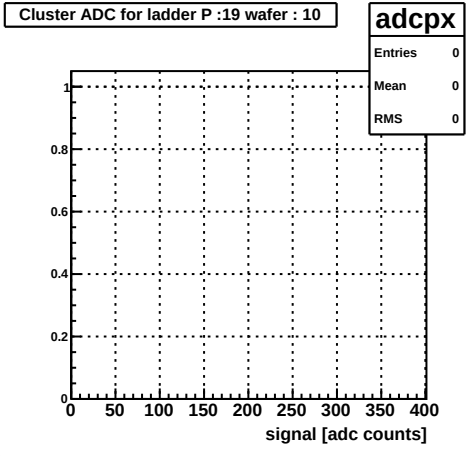

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

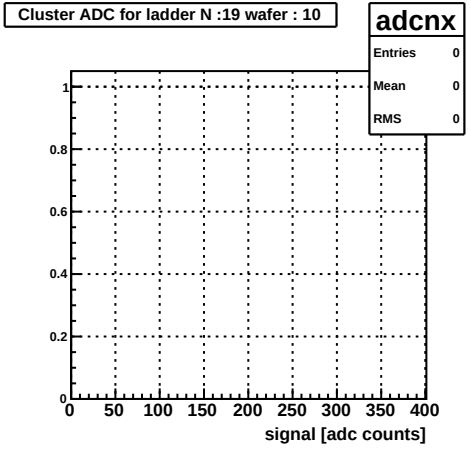

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

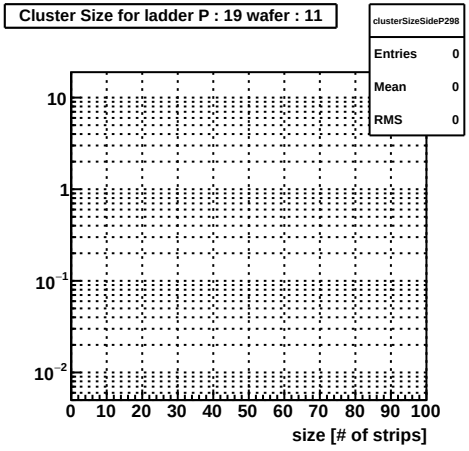

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

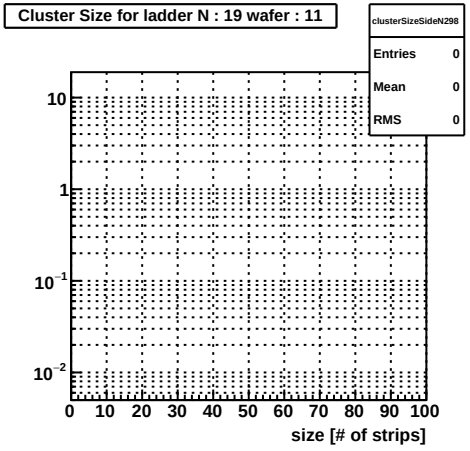

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

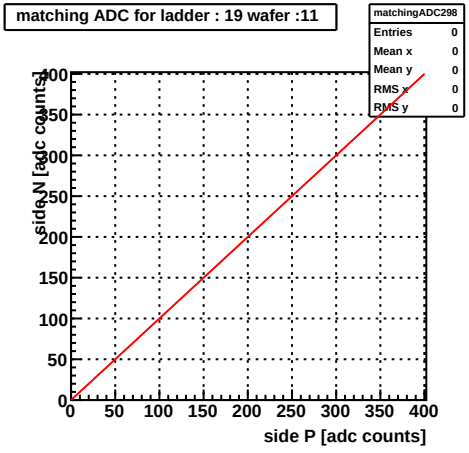

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

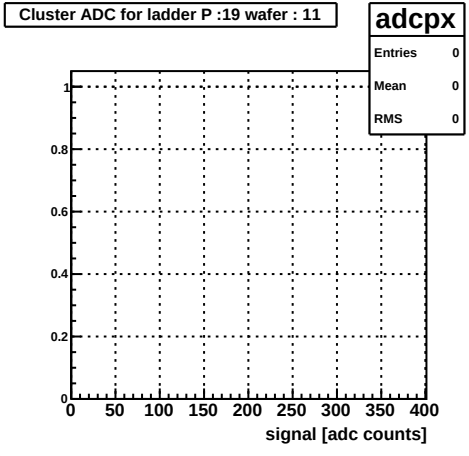

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

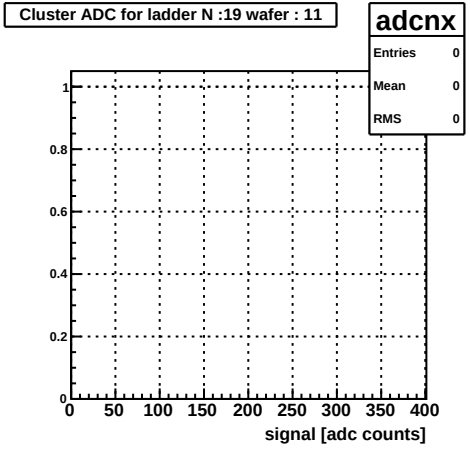

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

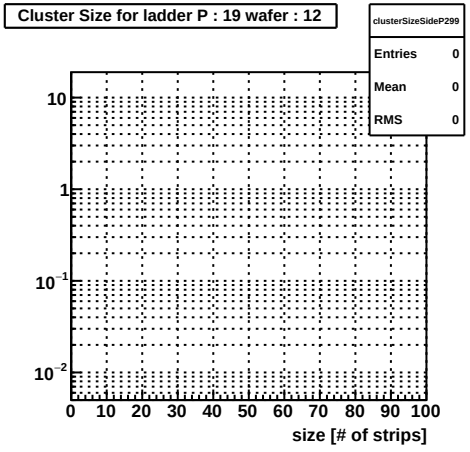

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

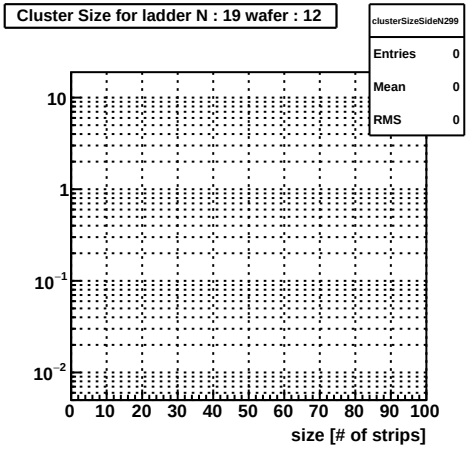

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

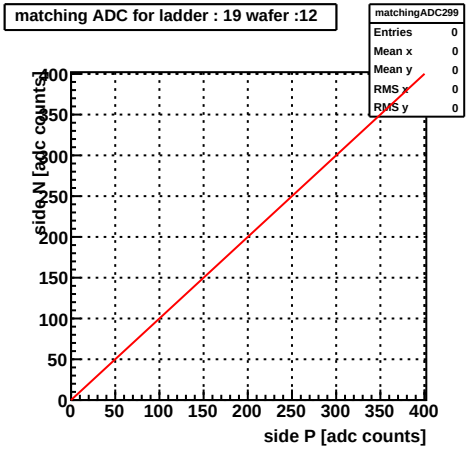

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

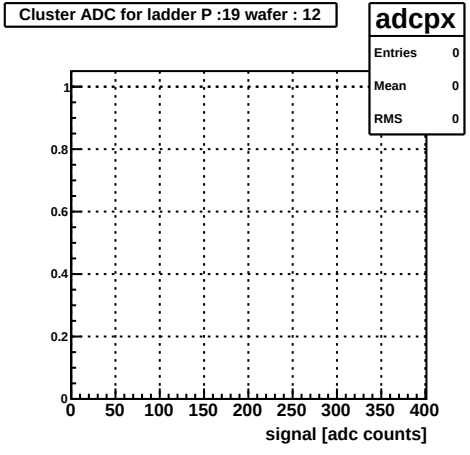

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

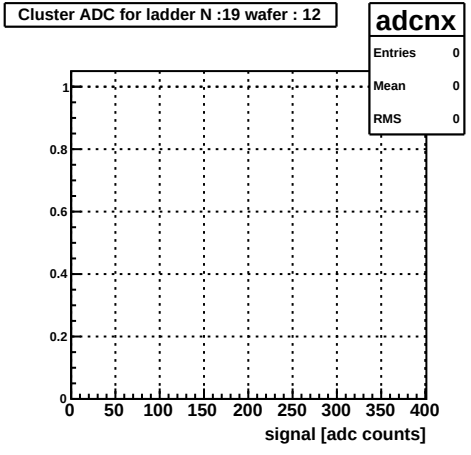

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

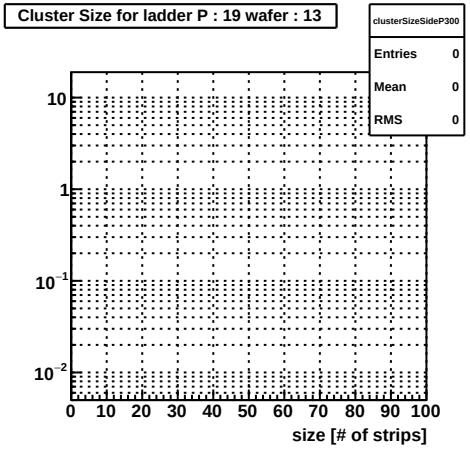

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

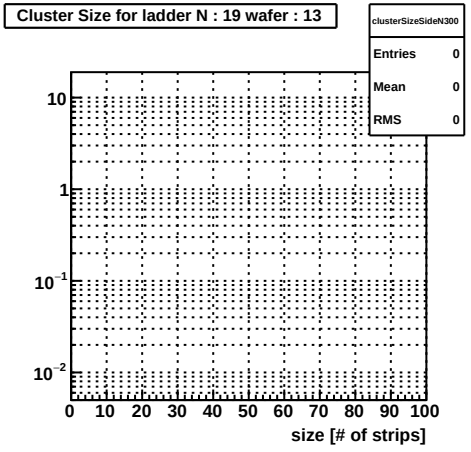

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

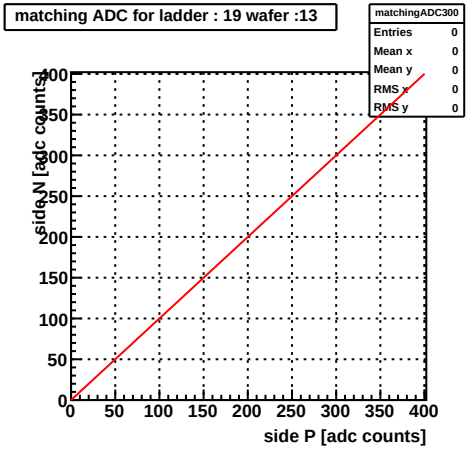

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

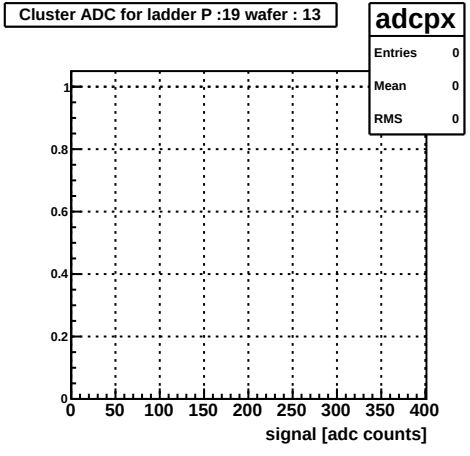

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

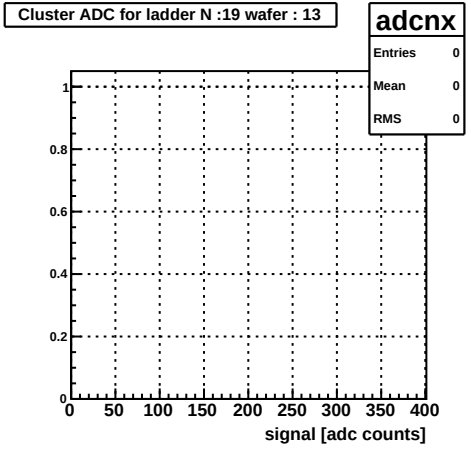

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

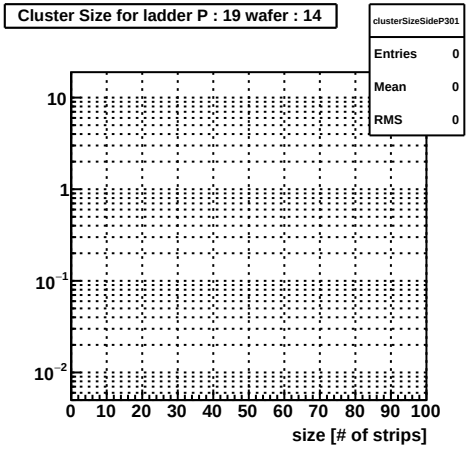

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

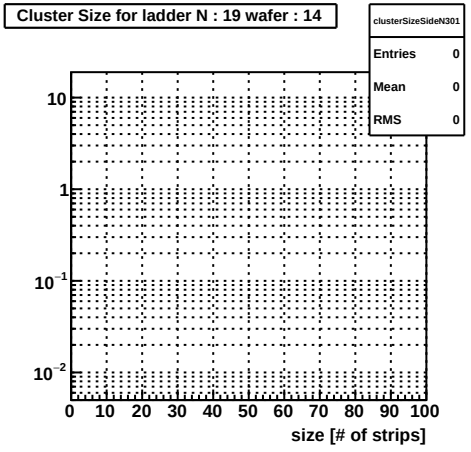

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

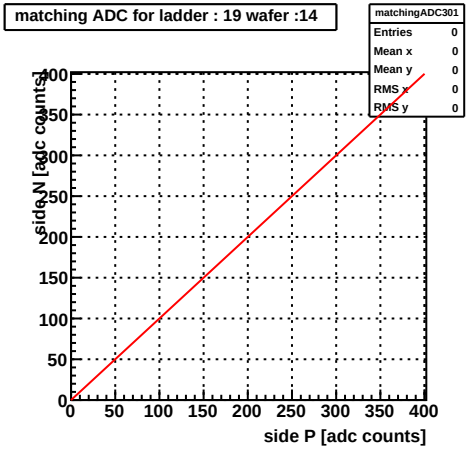

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

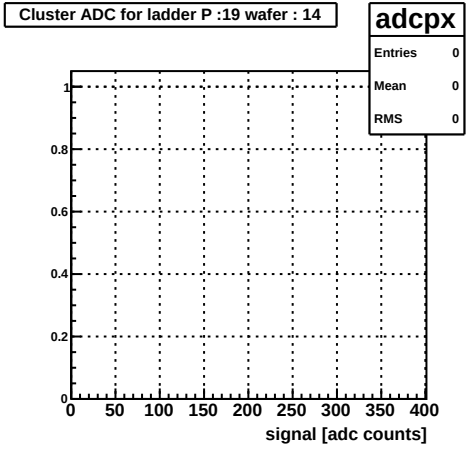

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

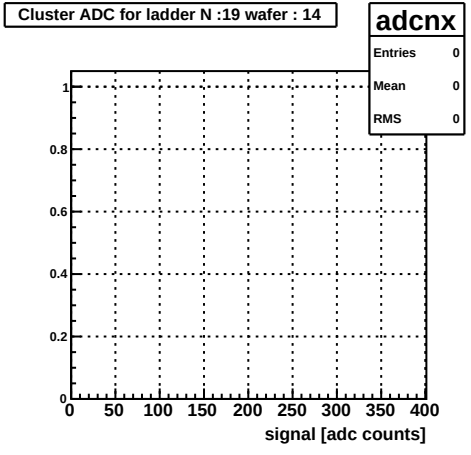

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

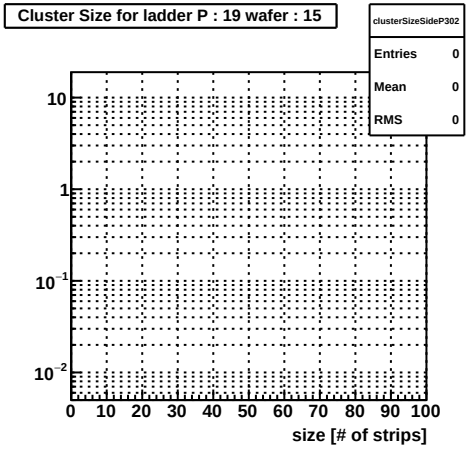

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

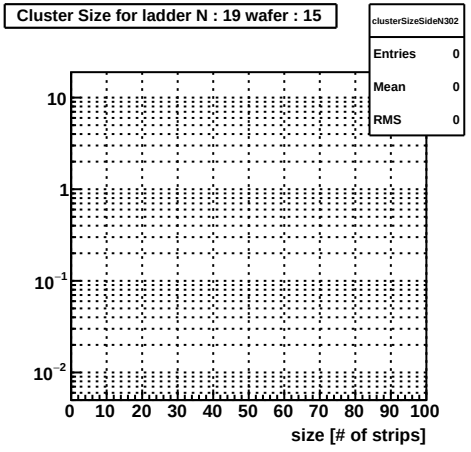

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

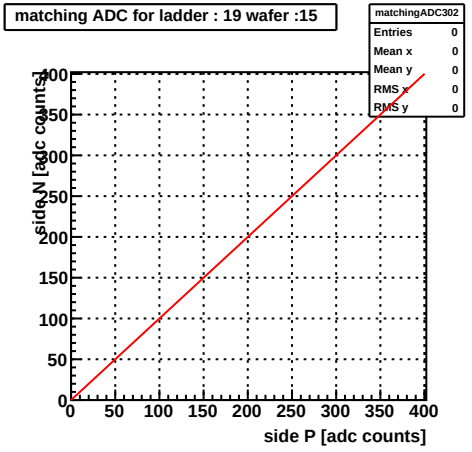

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

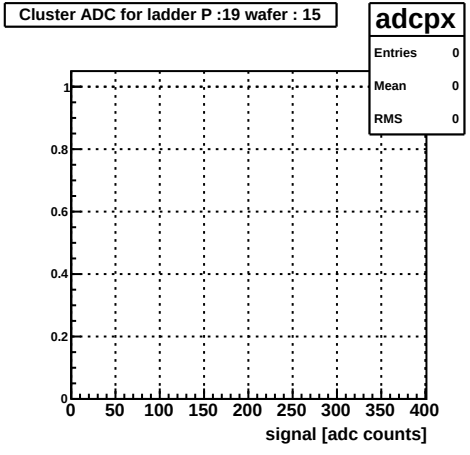

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

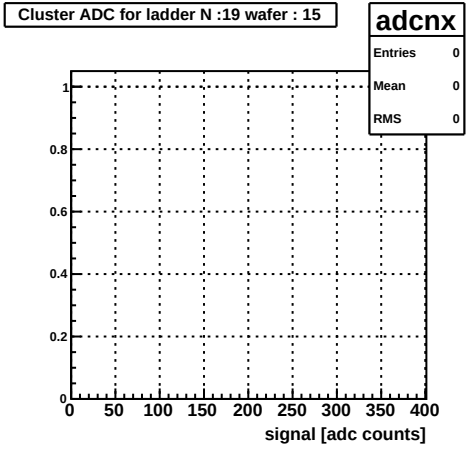

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

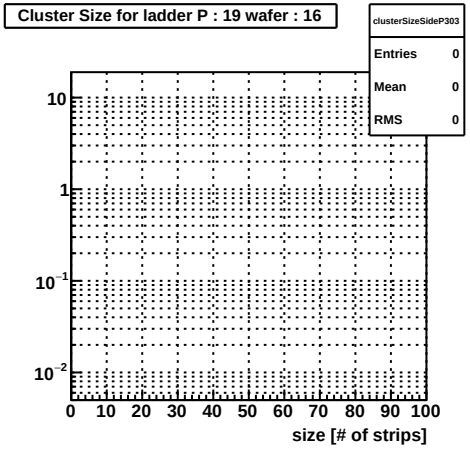

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

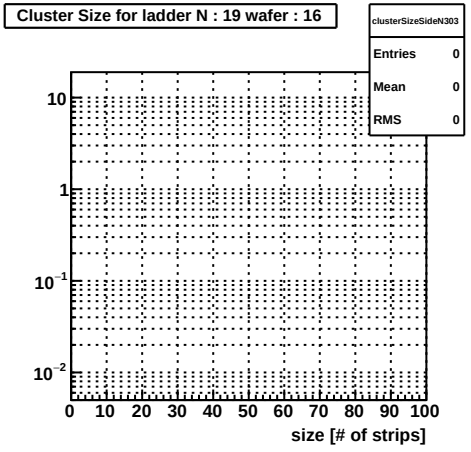

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

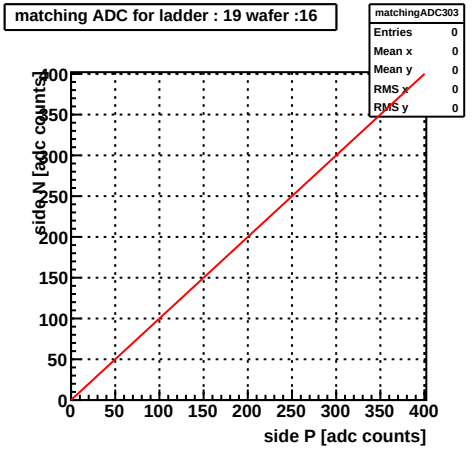

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

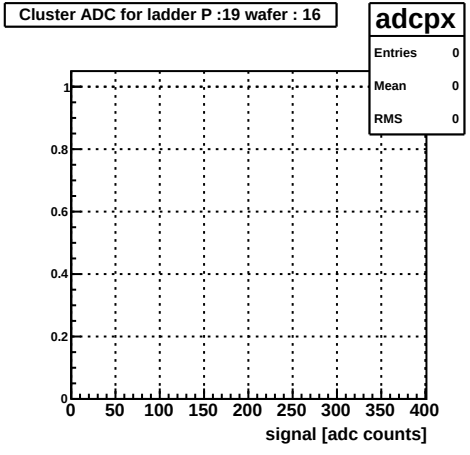

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

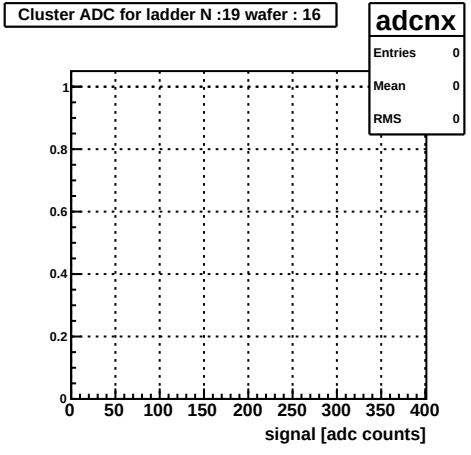

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

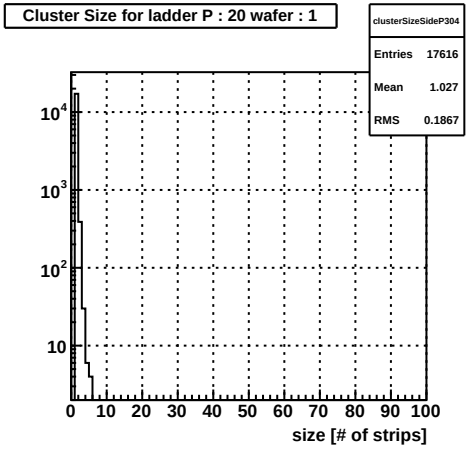

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

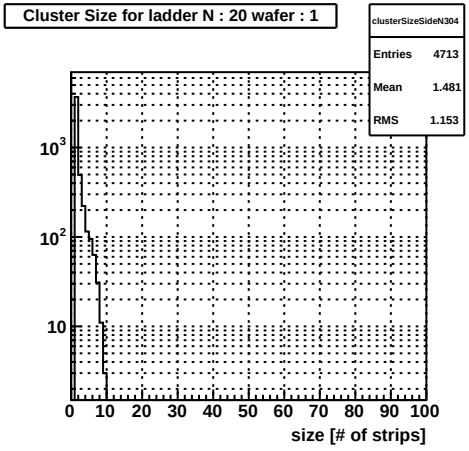

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

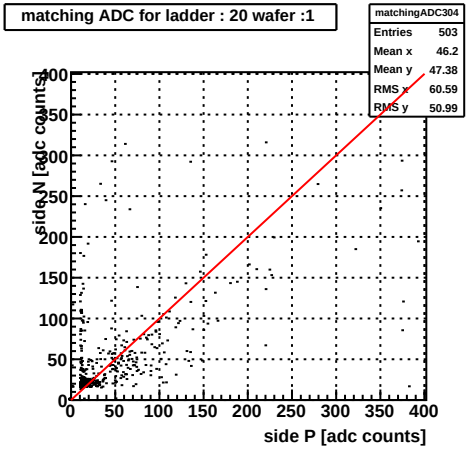

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

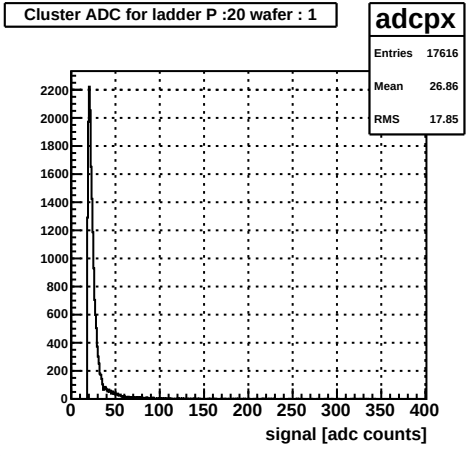

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

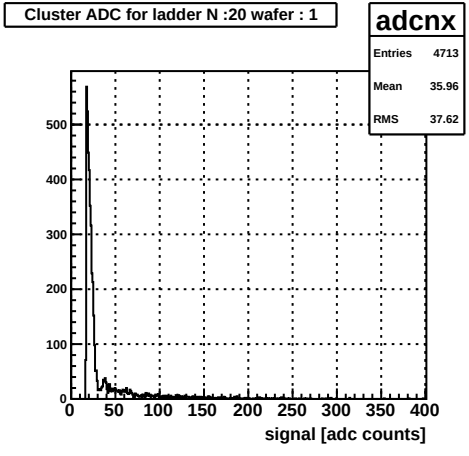

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

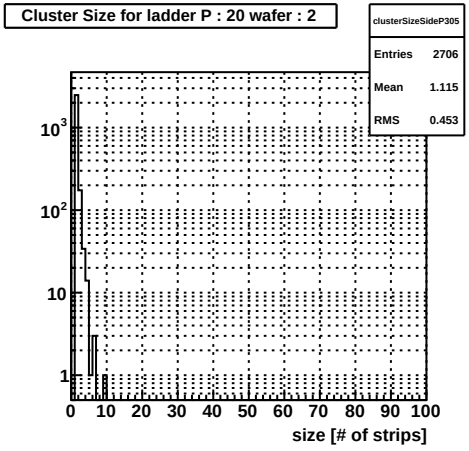

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 17616
Mean 1.027
RMS 0.1867
size [# of strips]

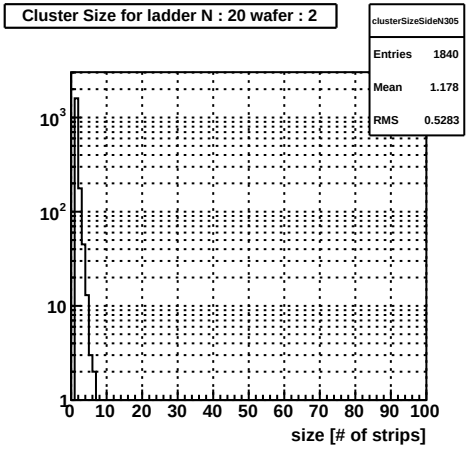

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4713
Mean 1.481
RMS 1.153
size [# of strips]

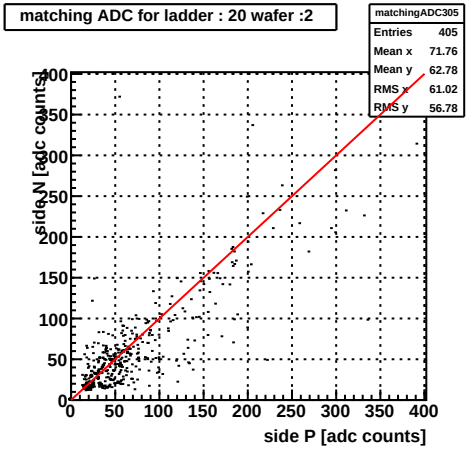

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 503
Mean x 46.2
Mean y 47.38
RMS x 60.59
RMS y 50.99
side N [adc counts]
side P [adc counts]

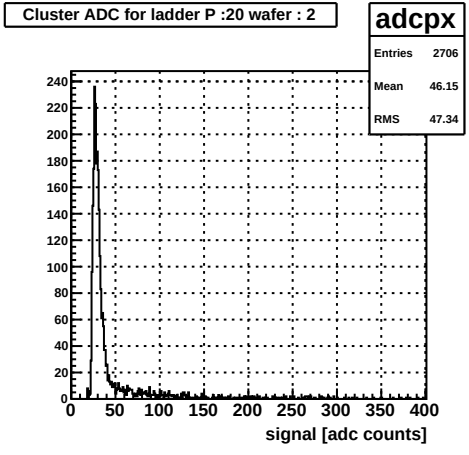

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 17616
Mean 26.86
RMS 17.85
signal [adc counts]

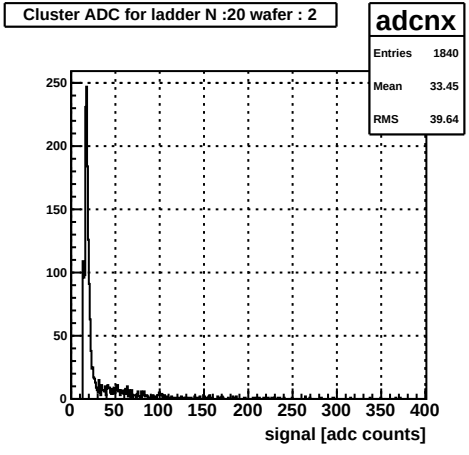

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4713
Mean 35.96
RMS 37.62
signal [adc counts]

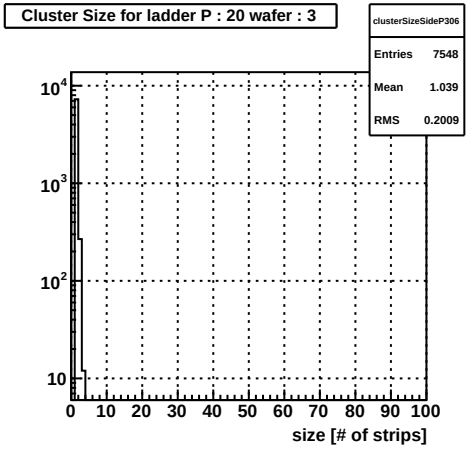

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2706
Mean 1.115
RMS 0.453
size [# of strips]

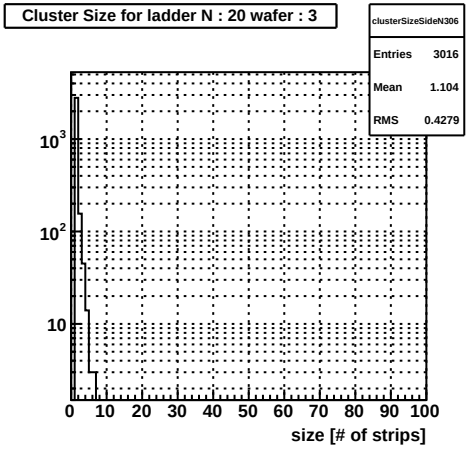

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1840
Mean 1.178
RMS 0.5283
size [# of strips]

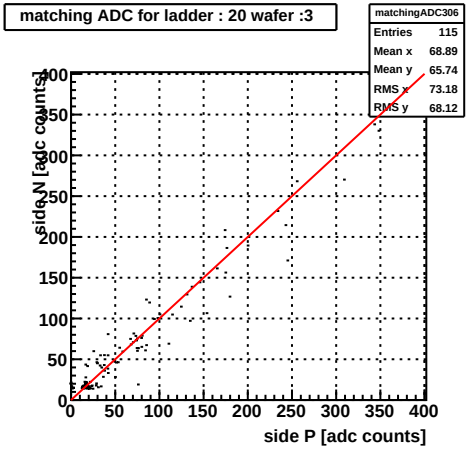

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 405
Mean x 71.76
Mean y 62.78
RMS x 61.02
RMS y 56.78
side N [adc counts]
side P [adc counts]

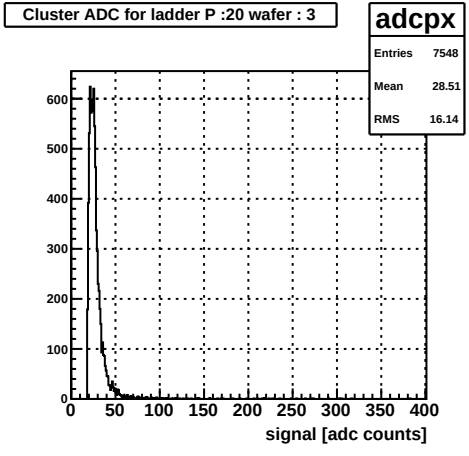

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2706
Mean 46.15
RMS 47.34
signal [adc counts]

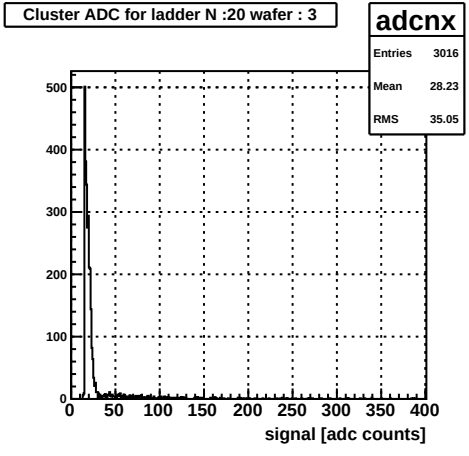

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1840
Mean 33.45
RMS 39.64
signal [adc counts]

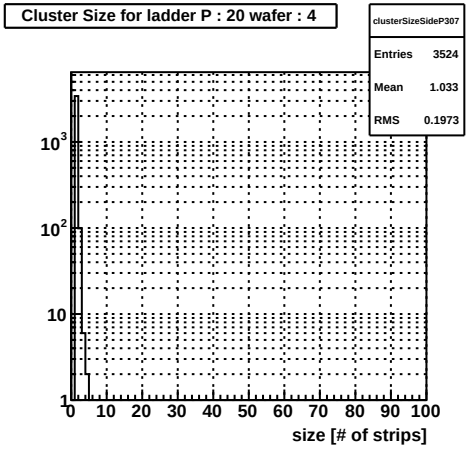

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7548
Mean 1.039
RMS 0.2009
size [# of strips]

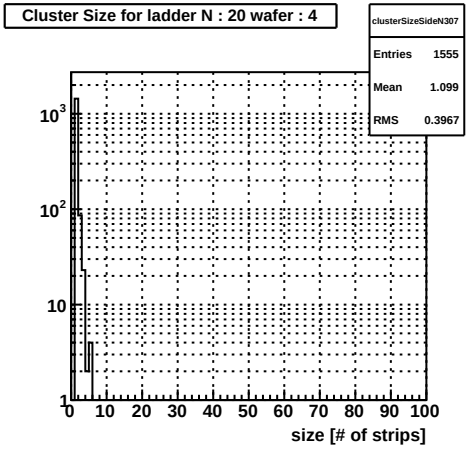

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3016
Mean 1.104
RMS 0.4279
size [# of strips]

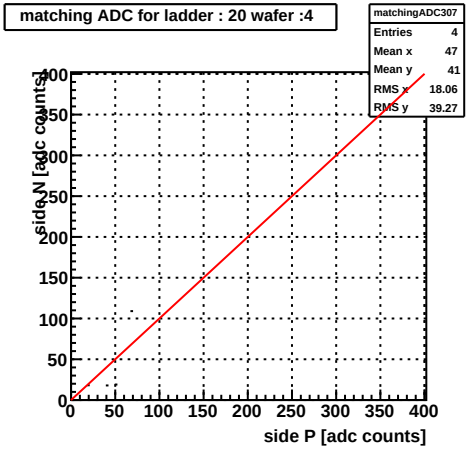

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 115
Mean x 68.89
Mean y 65.74
RMS x 73.18
RMS y 68.12
side N [adc counts]
side P [adc counts]

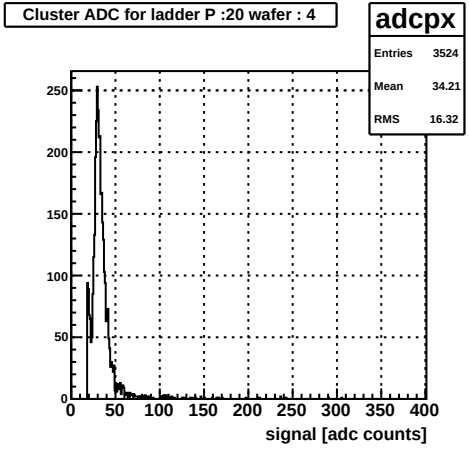

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7548
Mean 28.51
RMS 16.14
signal [adc counts]

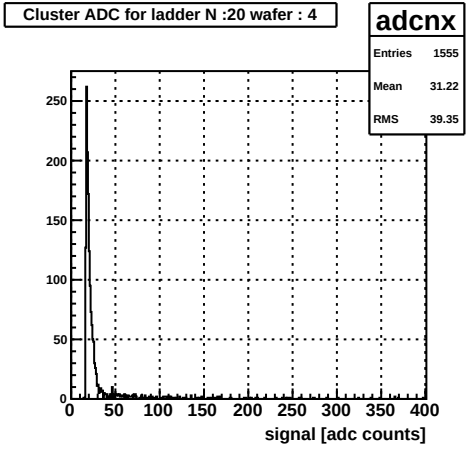

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3016
Mean 28.23
RMS 35.05
signal [adc counts]

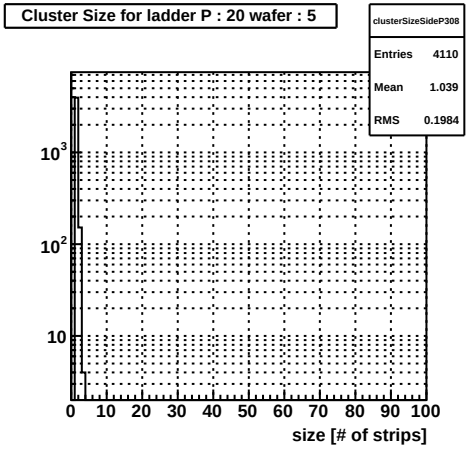

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3524
Mean 1.033
RMS 0.1973
size [# of strips]

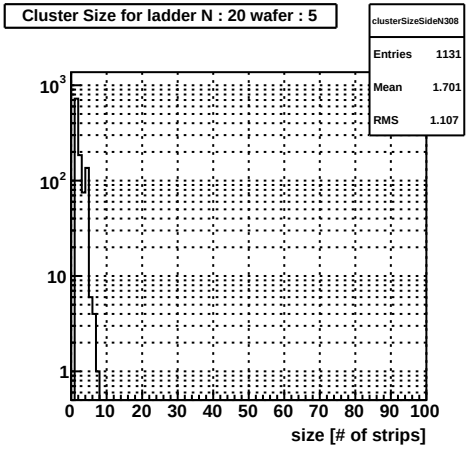

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1555
Mean 1.099
RMS 0.3967
size [# of strips]

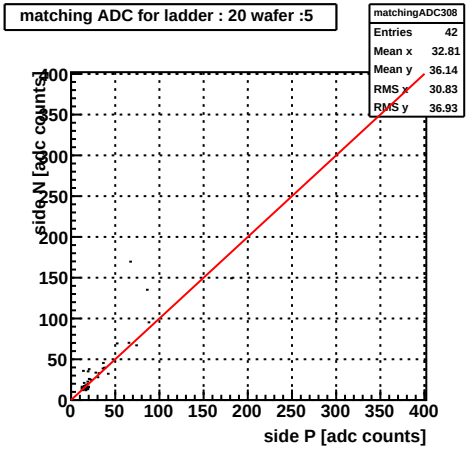

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 4
Mean x 47
Mean y 41
RMS x 18.06
RMS y 39.27
side N [adc counts]
side P [adc counts]

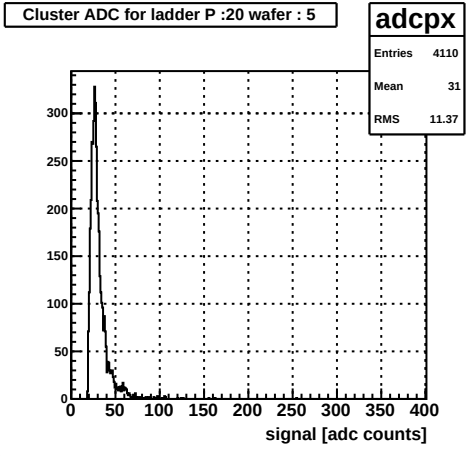

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3524
Mean 34.21
RMS 16.32
signal [adc counts]

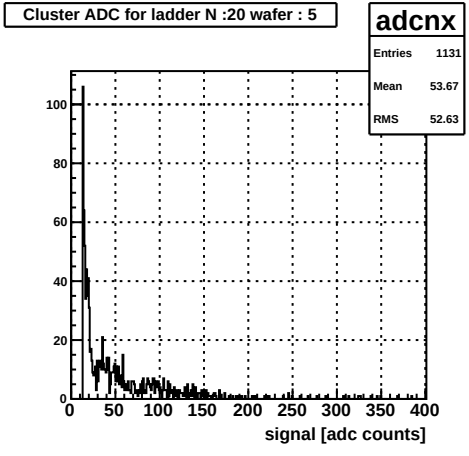

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1555
Mean 31.22
RMS 39.35
signal [adc counts]

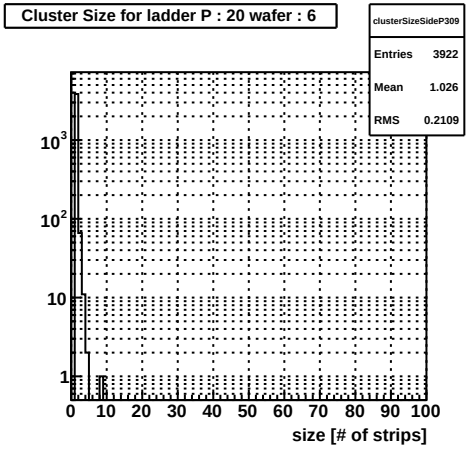

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4110
Mean 1.039
RMS 0.1984
size [# of strips]

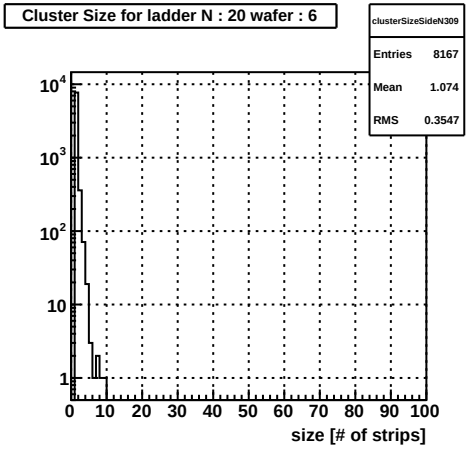

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1131
Mean 1.701
RMS 1.107
size [# of strips]

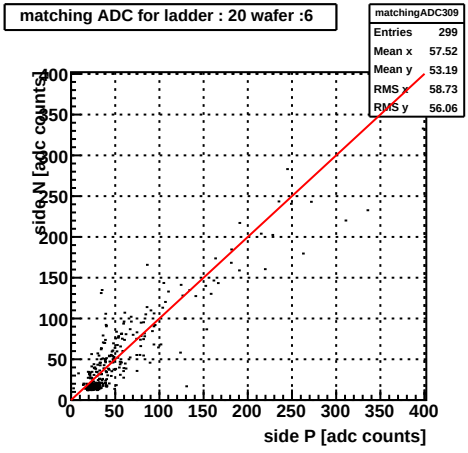

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 42
Mean x 32.81
Mean y 36.14
RMS x 30.83
RMS y 36.93
side N [adc counts]
side P [adc counts]

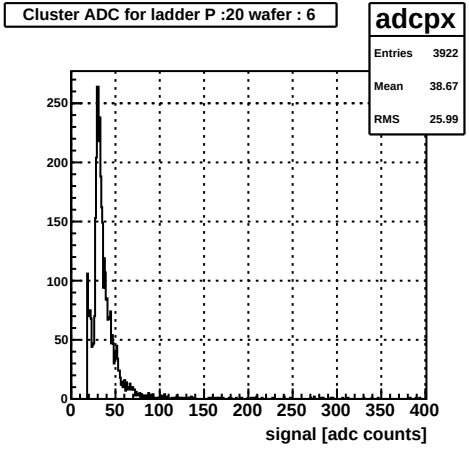

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4110
Mean 31
RMS 11.37
signal [adc counts]

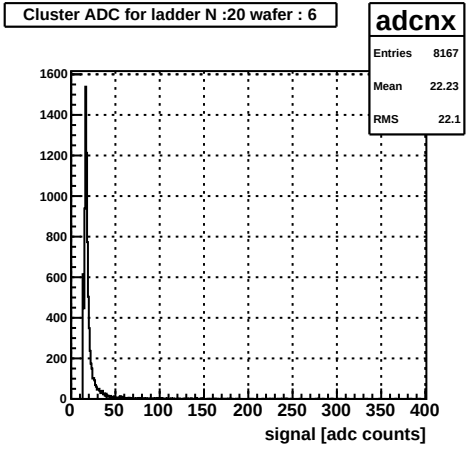

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1131
Mean 53.67
RMS 52.63
signal [adc counts]

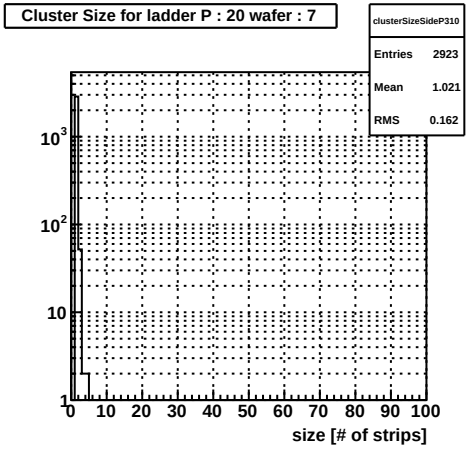

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3922
Mean 1.026
RMS 0.2109
size [# of strips]

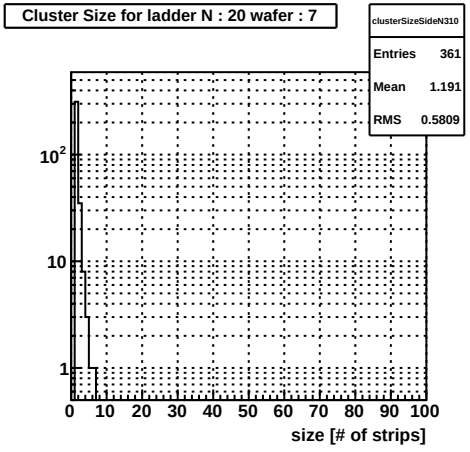

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 8167
Mean 1.074
RMS 0.3547
size [# of strips]

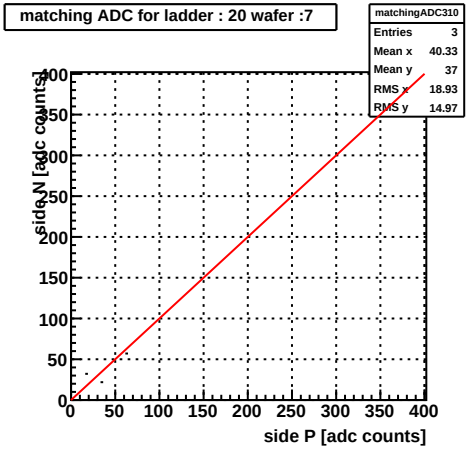

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 299
Mean x 57.52
Mean y 53.19
RMS x 58.73
RMS y 56.06
side N [adc counts]
side P [adc counts]

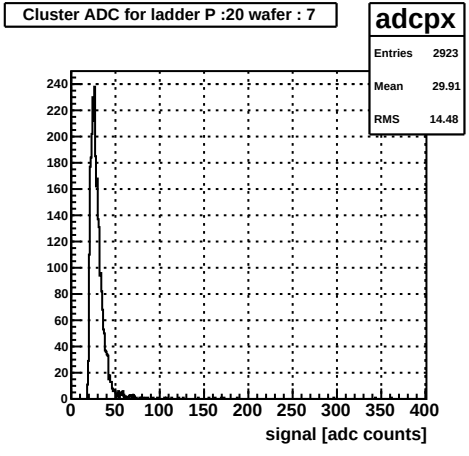

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3922
Mean 38.67
RMS 25.99
signal [adc counts]

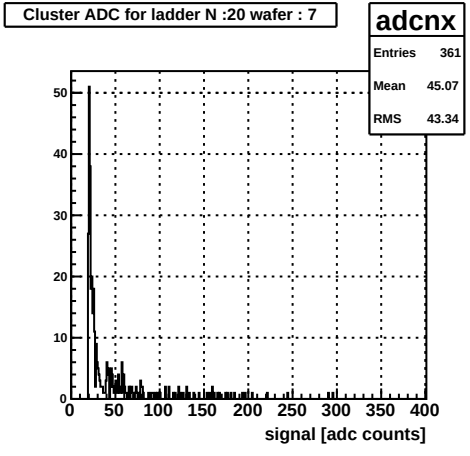

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 8167
Mean 22.23
RMS 22.1
signal [adc counts]

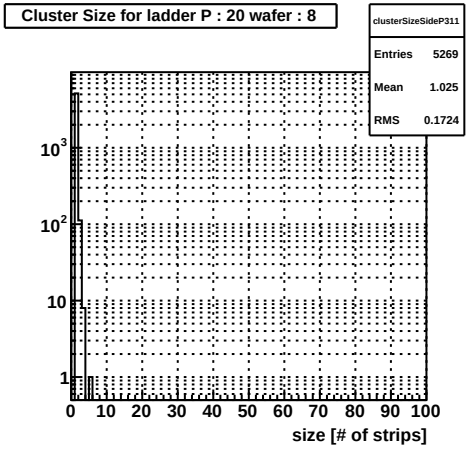

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2923
Mean 1.021
RMS 0.162
size [# of strips]

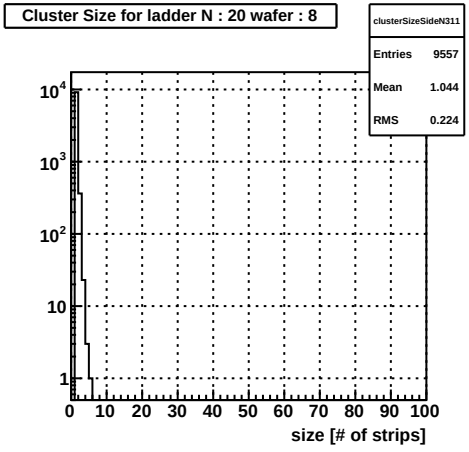

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 361
Mean 1.191
RMS 0.5809
size [# of strips]

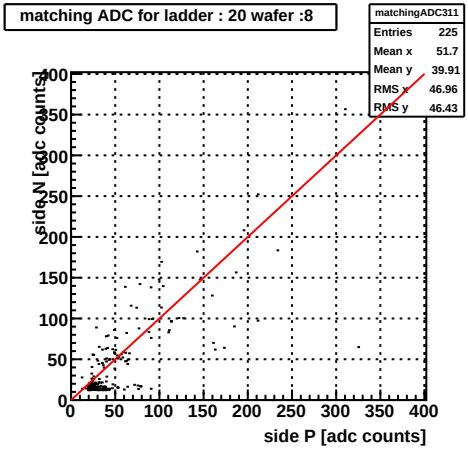

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 3
Mean x 40.33
Mean y 37
RMS x 18.93
RMS y 14.97
side N [adc counts]
side P [adc counts]

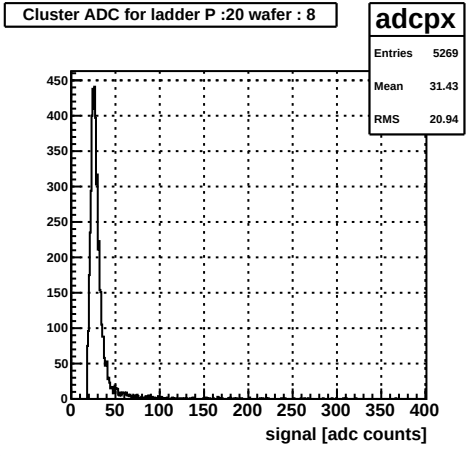

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2923
Mean 29.91
RMS 14.48
signal [adc counts]

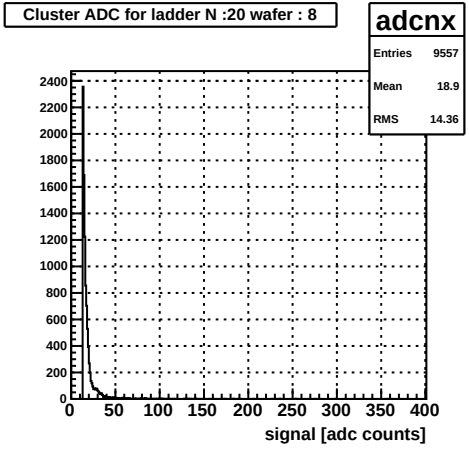

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 361
Mean 45.07
RMS 43.34
signal [adc counts]

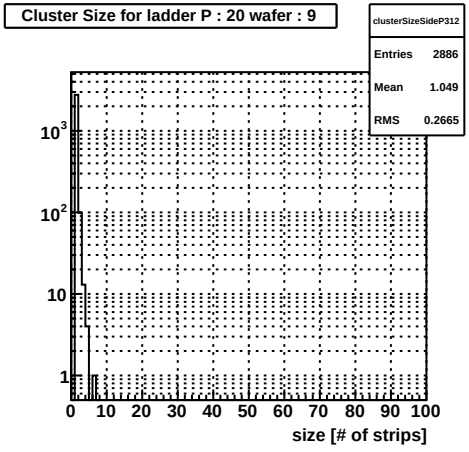

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5269
Mean 1.025
RMS 0.1724
size [# of strips]

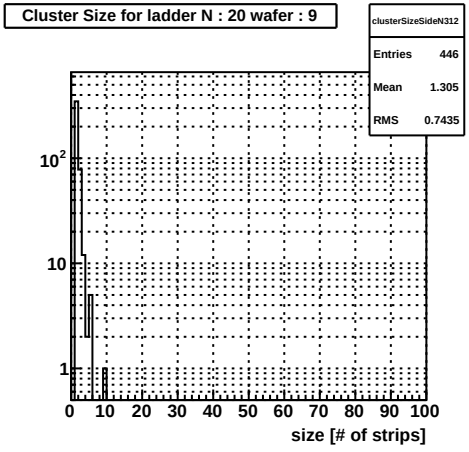

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9557
Mean 1.044
RMS 0.224
size [# of strips]

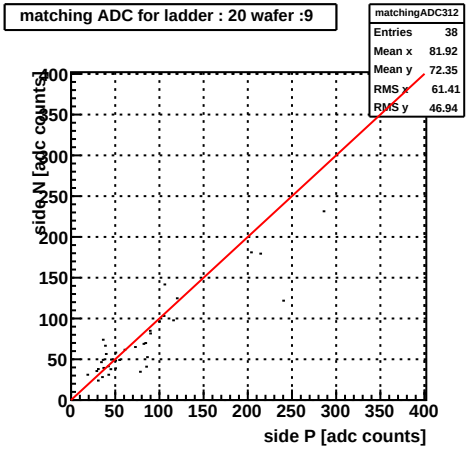

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 225
Mean x 51.7
Mean y 39.91
RMS x 46.96
RMS y 46.43
side N [adc counts]
side P [adc counts]

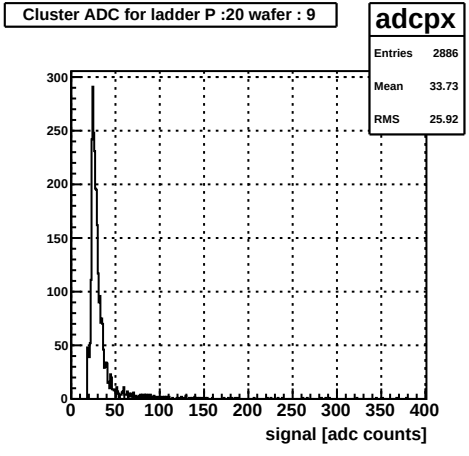

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5269
Mean 31.43
RMS 20.94
signal [adc counts]

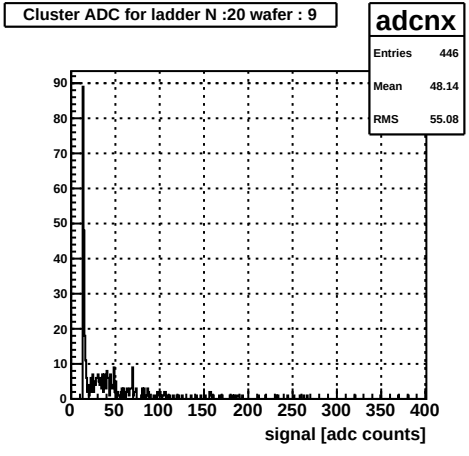

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9557
Mean 18.9
RMS 14.36
signal [adc counts]

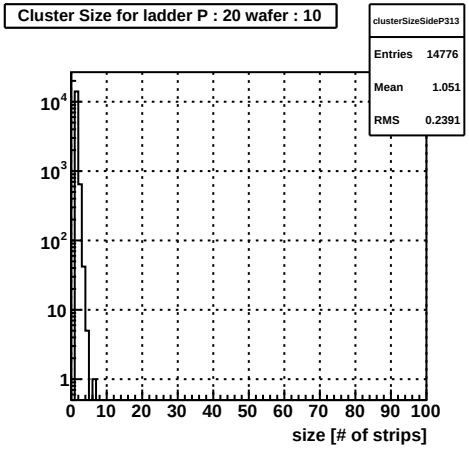

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2886
Mean 1.049
RMS 0.2665
size [# of strips]

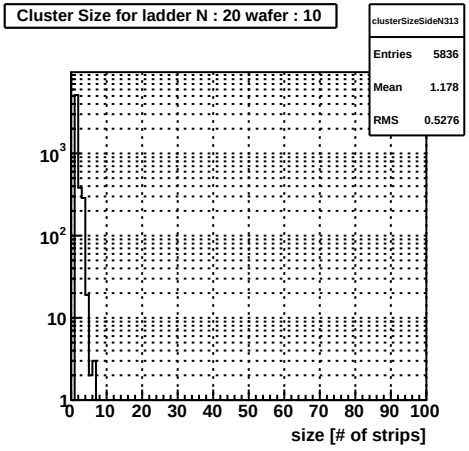

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 446
Mean 1.305
RMS 0.7435
size [# of strips]

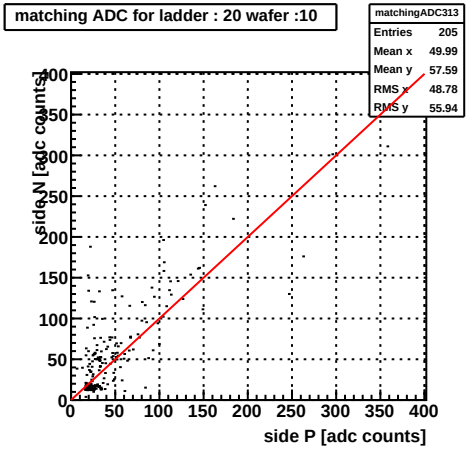

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 38
Mean x 81.92
Mean y 72.35
RMS x 61.41
RMS y 46.94
side N [adc counts]
side P [adc counts]

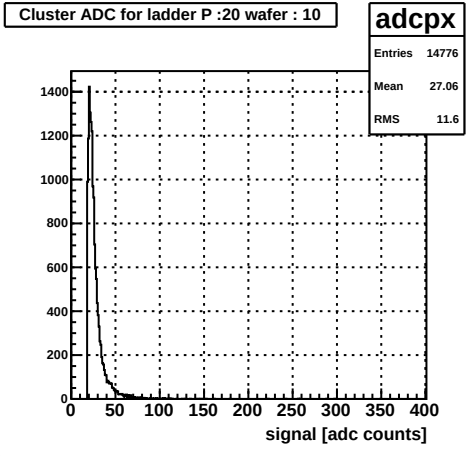

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2886
Mean 33.73
RMS 25.92
signal [adc counts]

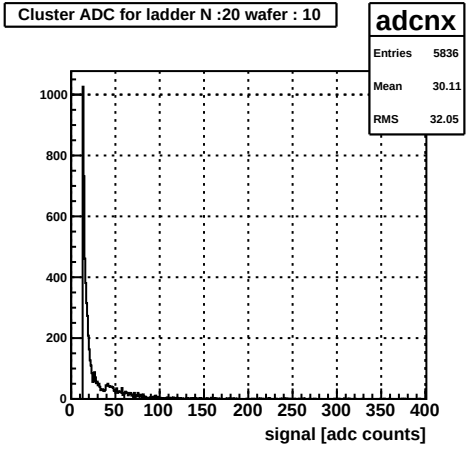

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 446
Mean 48.14
RMS 55.08
signal [adc counts]

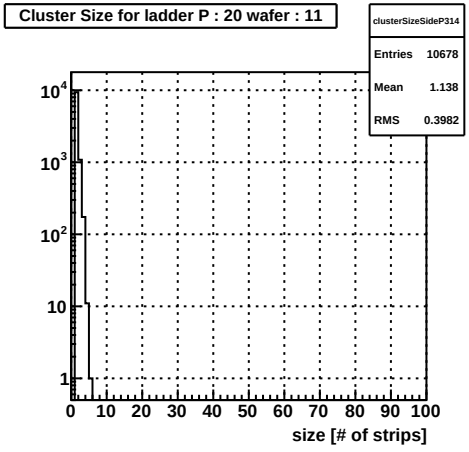

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 14776
Mean 1.051
RMS 0.2391
size [# of strips]

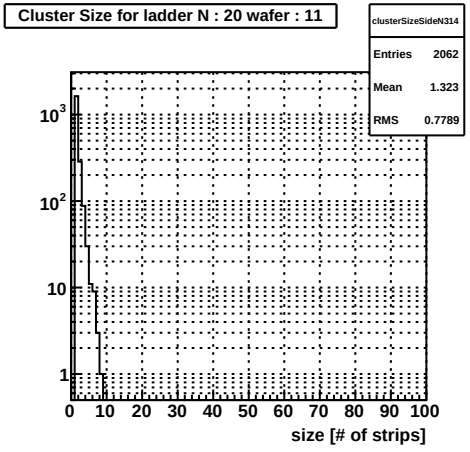

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5836
Mean 1.178
RMS 0.5276
size [# of strips]

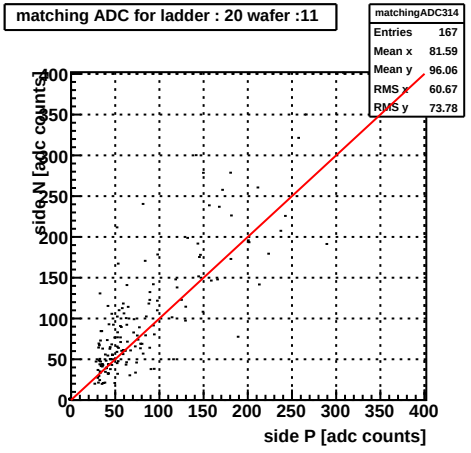

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 205
Mean x 49.99
Mean y 57.59
RMS x 48.78
RMS y 55.94
side N [adc counts]
side P [adc counts]

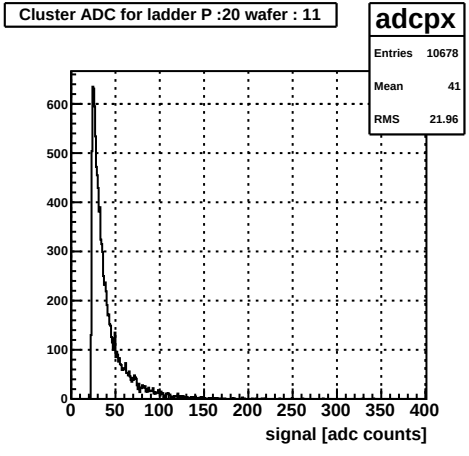

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 14776
Mean 27.06
RMS 11.6
signal [adc counts]

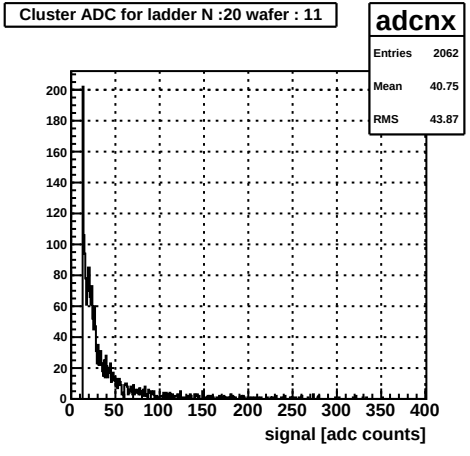

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5836
Mean 30.11
RMS 32.05
signal [adc counts]

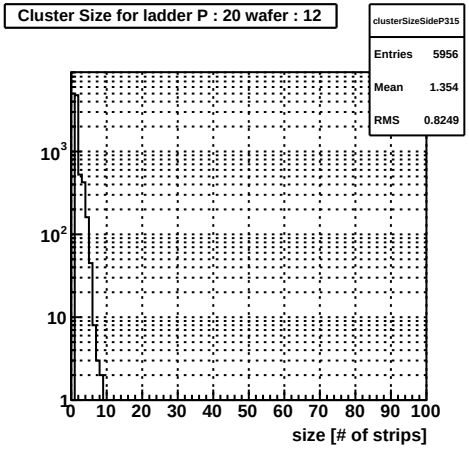

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 10678
Mean 1.138
RMS 0.3982
size [# of strips]

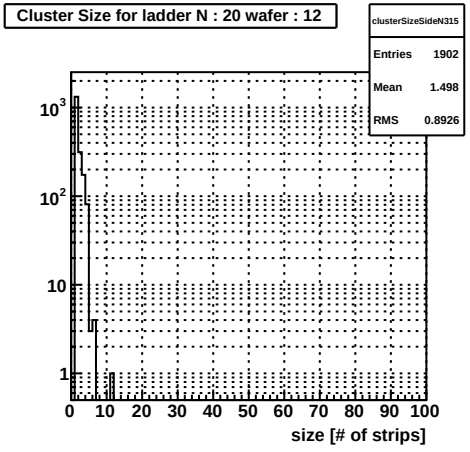

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2062
Mean 1.323
RMS 0.7789
size [# of strips]

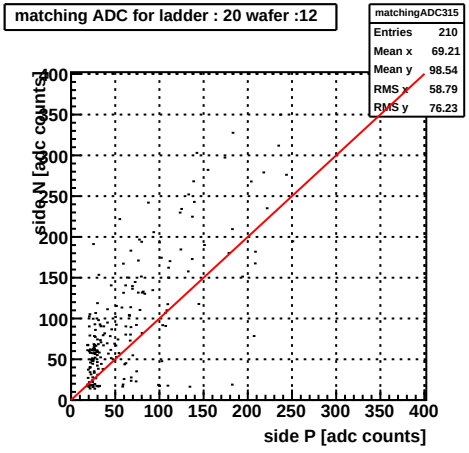

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 167
Mean x 81.59
Mean y 96.06
RMS x 60.67
RMS y 73.78
side N [adc counts]
side P [adc counts]

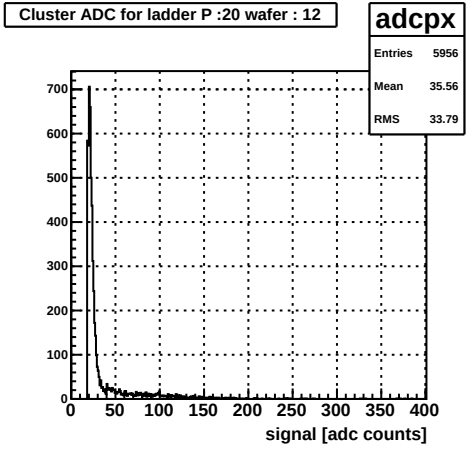

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 10678
Mean 41
RMS 21.96
signal [adc counts]

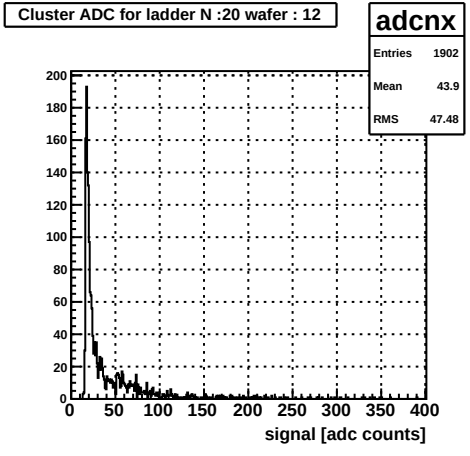

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2062
Mean 40.75
RMS 43.87
signal [adc counts]

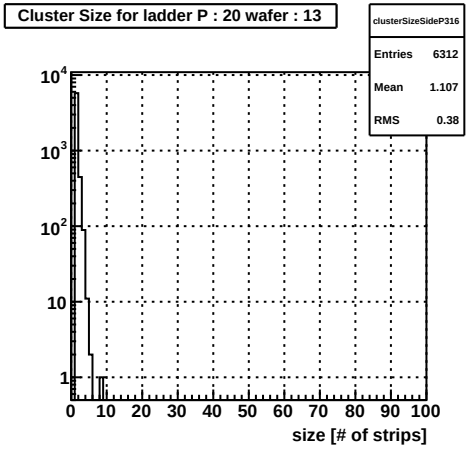

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5956
Mean 1.354
RMS 0.8249
size [# of strips]

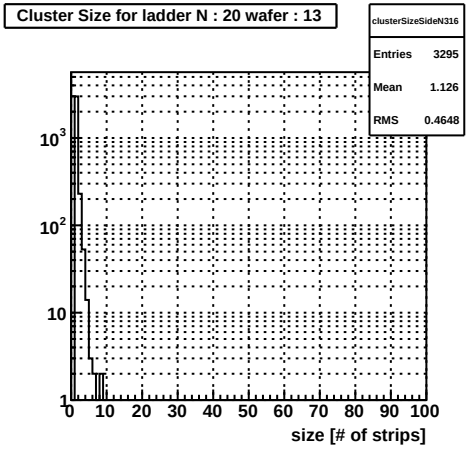

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1902
Mean 1.498
RMS 0.8926
size [# of strips]

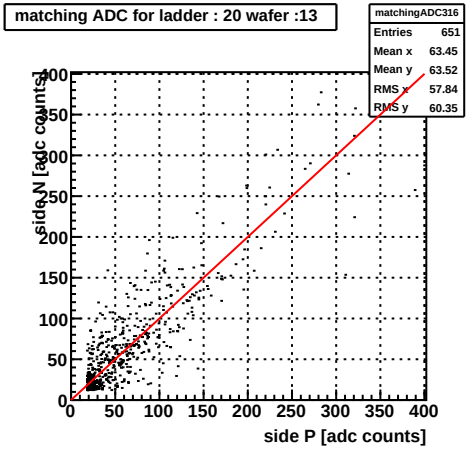

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 210
Mean x 69.21
Mean y 98.54
RMS x 58.79
RMS y 76.23
side N [adc counts]
side P [adc counts]

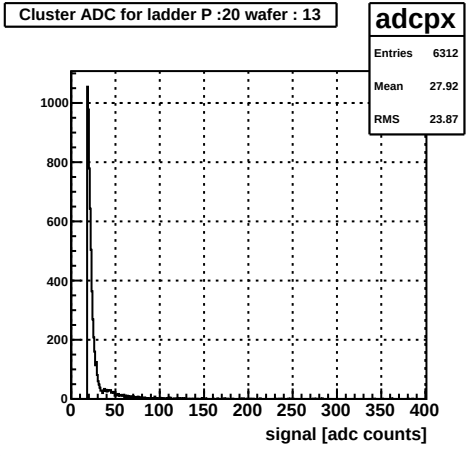

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5956
Mean 35.56
RMS 33.79
signal [adc counts]

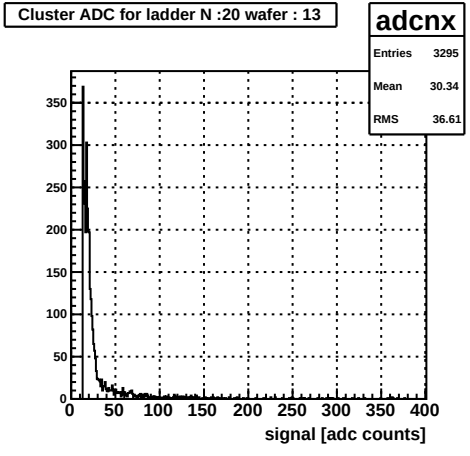

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1902
Mean 43.9
RMS 47.48
signal [adc counts]

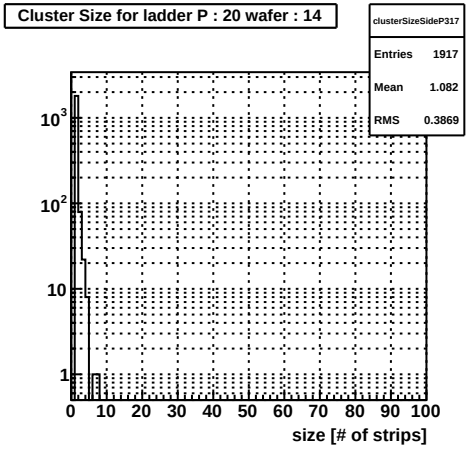

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6312
Mean 1.107
RMS 0.38
size [# of strips]

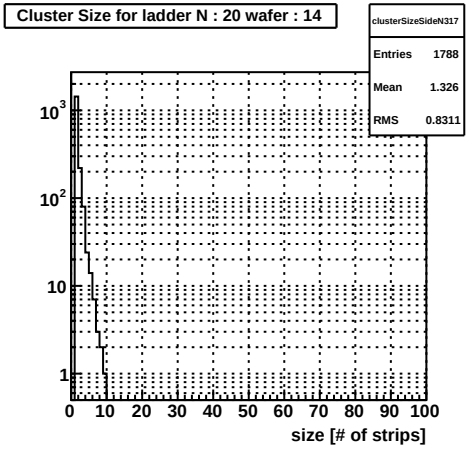

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3295
Mean 1.126
RMS 0.4648
size [# of strips]

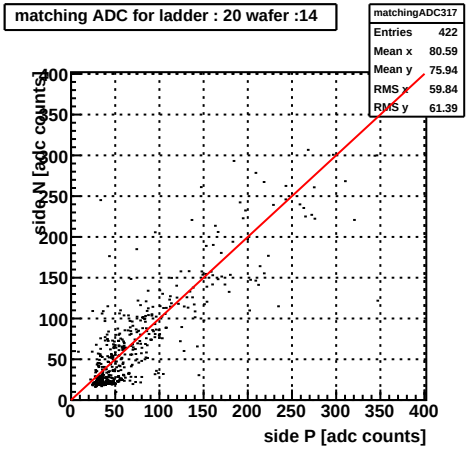

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 651
Mean x 63.45
Mean y 63.52
RMS x 57.84
RMS y 60.35
side N [adc counts]
side P [adc counts]

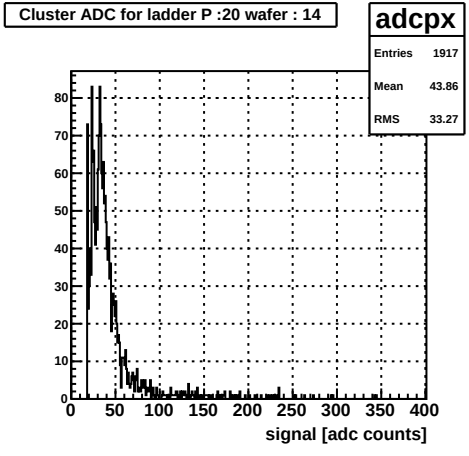

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6312
Mean 27.92
RMS 23.87
signal [adc counts]

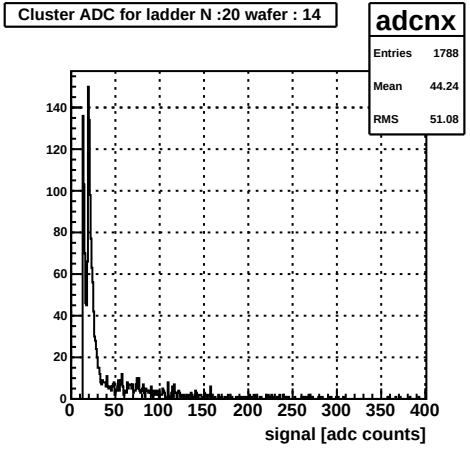

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3295
Mean 30.34
RMS 36.61
signal [adc counts]

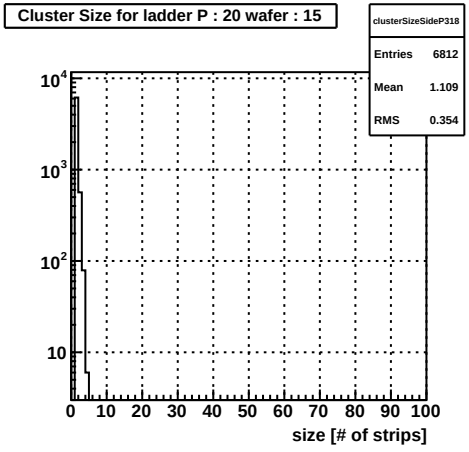

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1917
Mean 1.082
RMS 0.3869
size [# of strips]

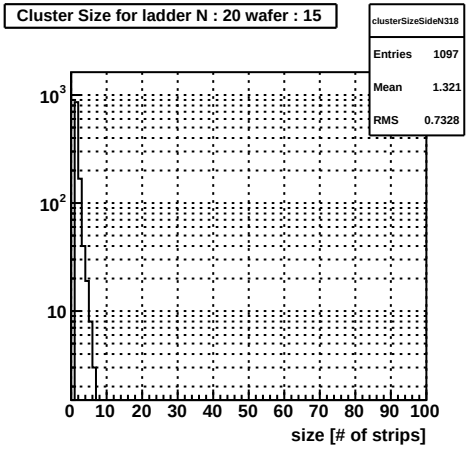

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1788
Mean 1.326
RMS 0.8311
size [# of strips]

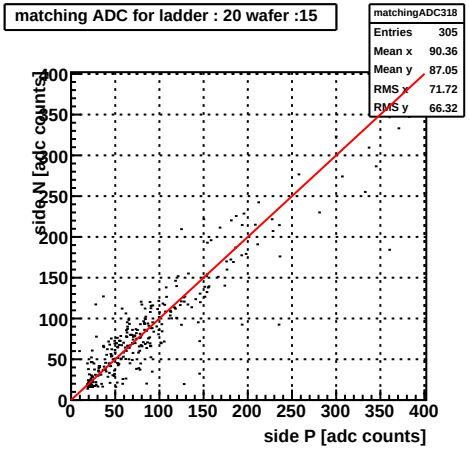

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 422
Mean x 80.59
Mean y 75.94
RMS x 59.84
RMS y 61.39
side N [adc counts]
side P [adc counts]

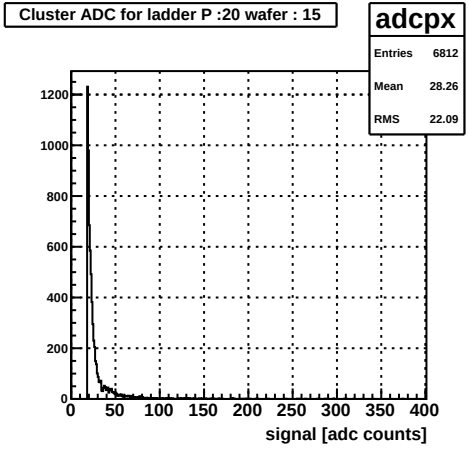

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1917
Mean 43.86
RMS 33.27
signal [adc counts]

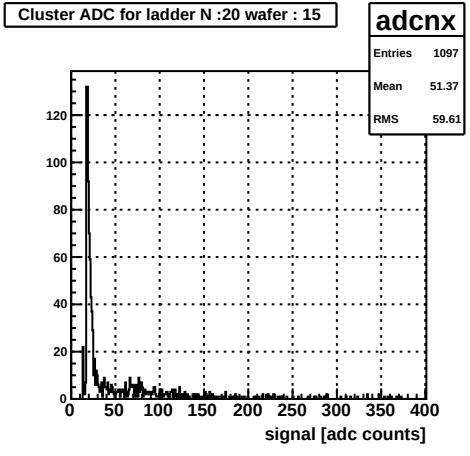

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1788
Mean 44.24
RMS 51.08
signal [adc counts]

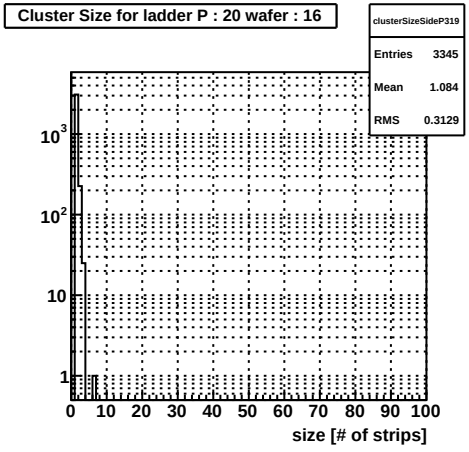

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6812
Mean 1.109
RMS 0.354
size [# of strips]

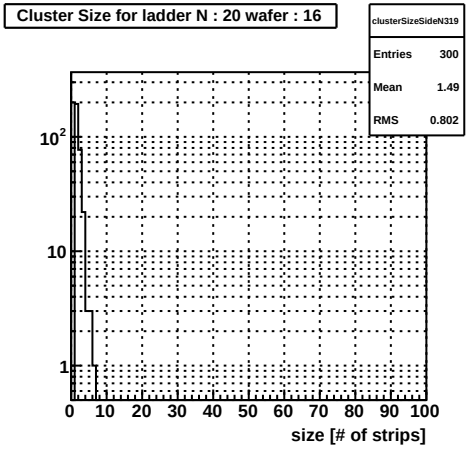

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1097
Mean 1.321
RMS 0.7328
size [# of strips]

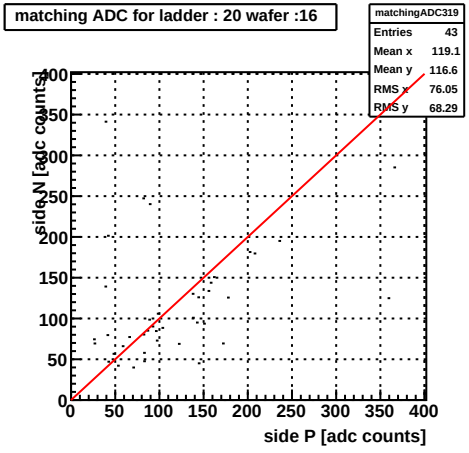

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 305
Mean x 90.36
Mean y 87.05
RMS x 71.72
RMS y 66.32
side N [adc counts]
side P [adc counts]

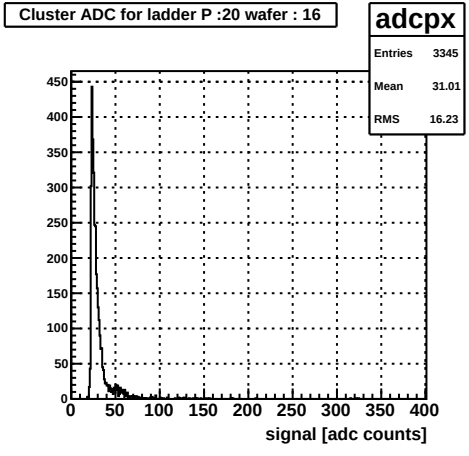

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6812
Mean 28.26
RMS 22.09
signal [adc counts]

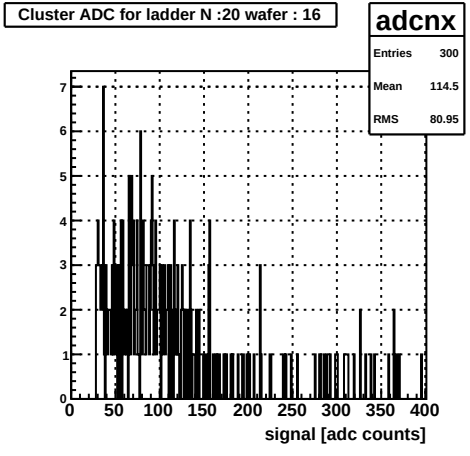

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1097
Mean 51.37
RMS 59.61
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3345
Mean 1.084
RMS 0.3129
size [# of strips]

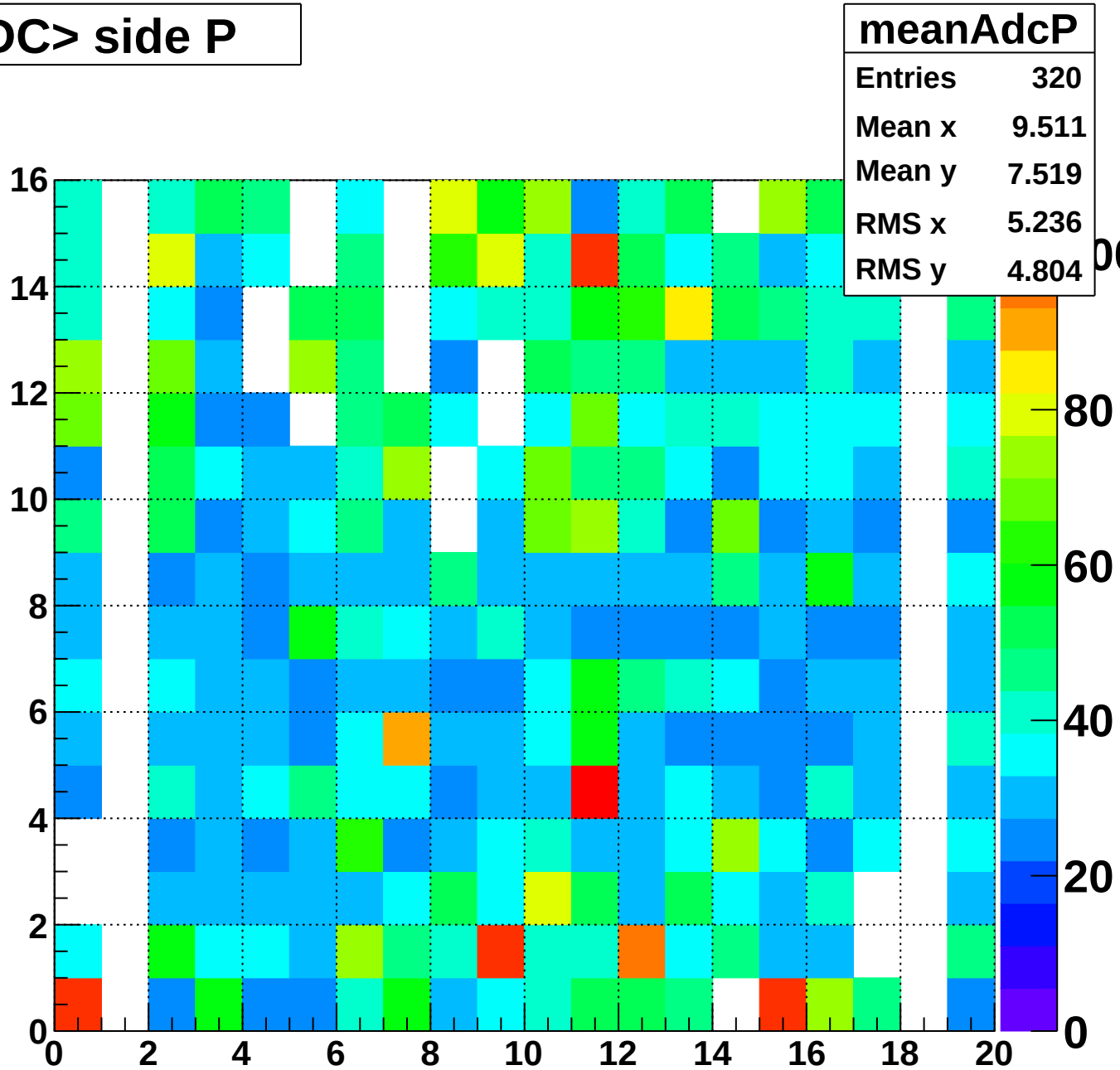

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 300
Mean 1.49
RMS 0.802
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 43
Mean x 119.1
Mean y 116.6
RMS x 76.05
RMS y 68.29
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3345
Mean 31.01
RMS 16.23
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 300
Mean 114.5
RMS 80.95
signal [adc counts]

<ADC> side P



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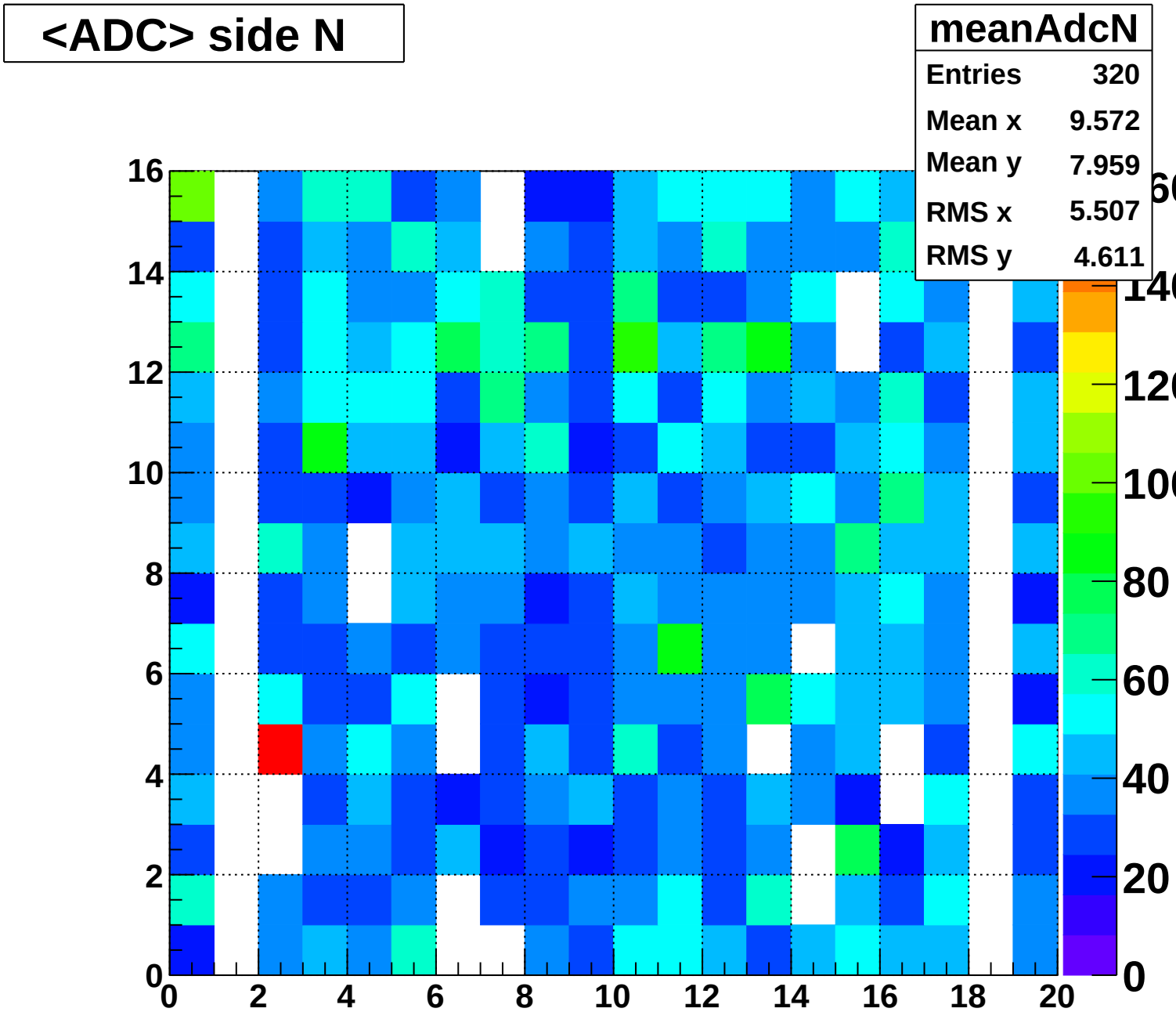

2016-05-24 11:11:11