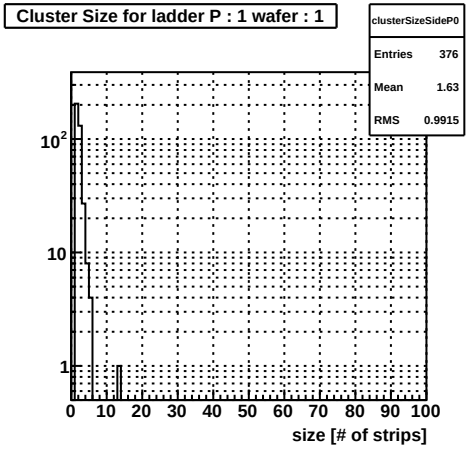
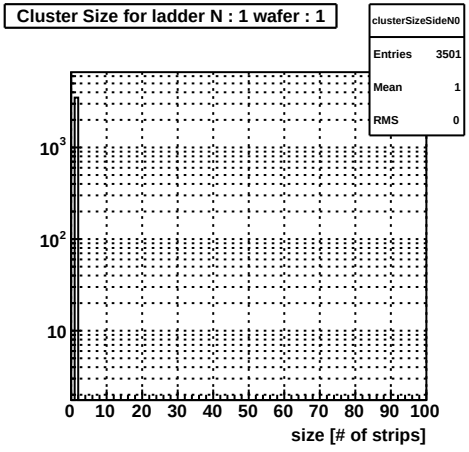
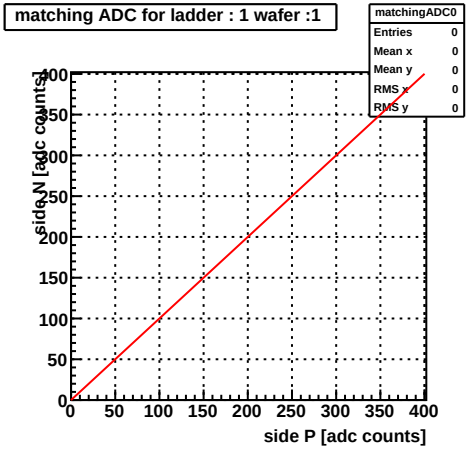
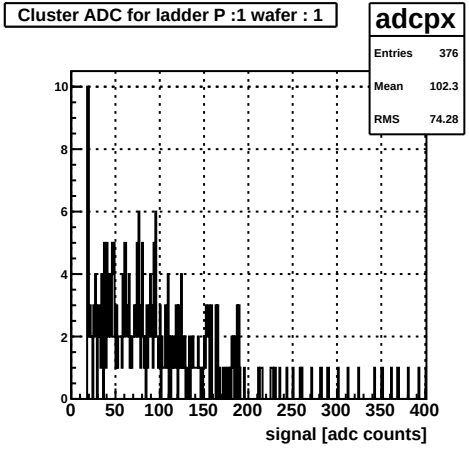
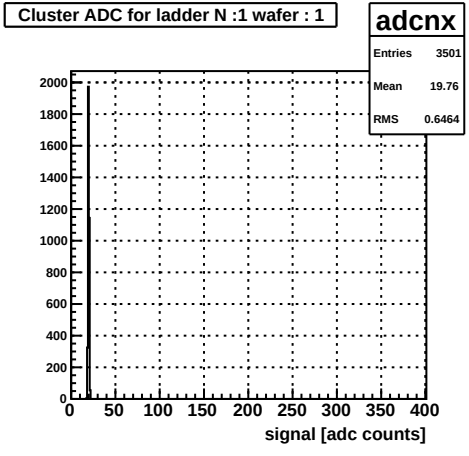
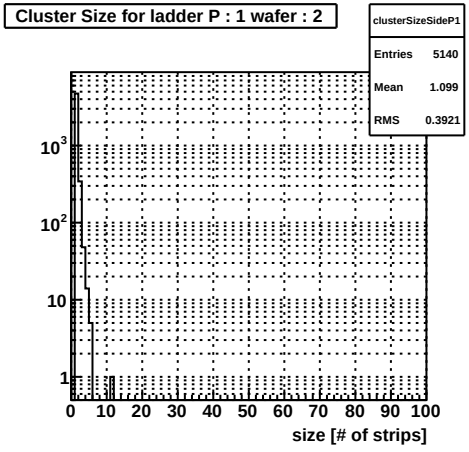

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 376
Mean 1.63
RMS 0.9915
size [# of strips]

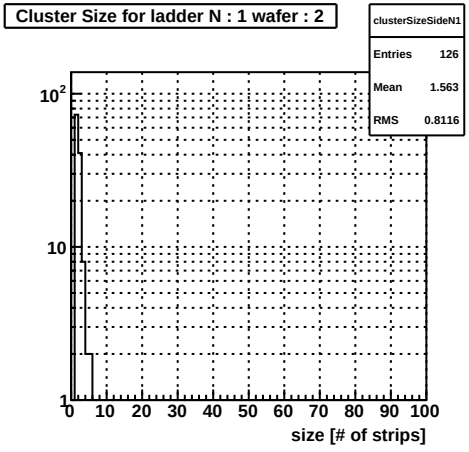

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3501
Mean 1
RMS 0
size [# of strips]

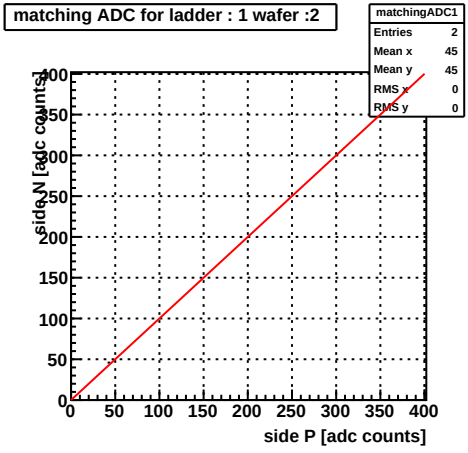

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

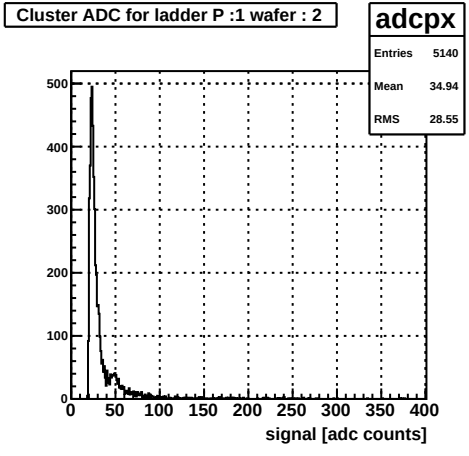

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 376
Mean 102.3
RMS 74.28
signal [adc counts]

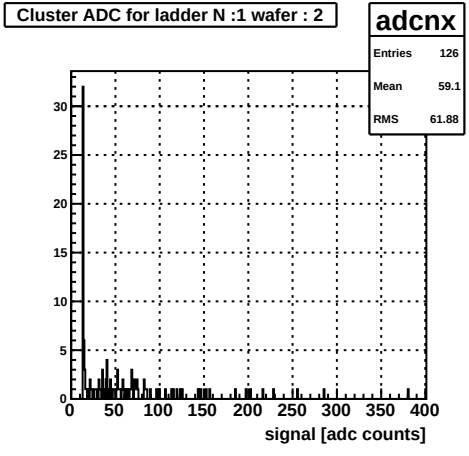

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3501
Mean 19.76
RMS 0.6464
signal [adc counts]

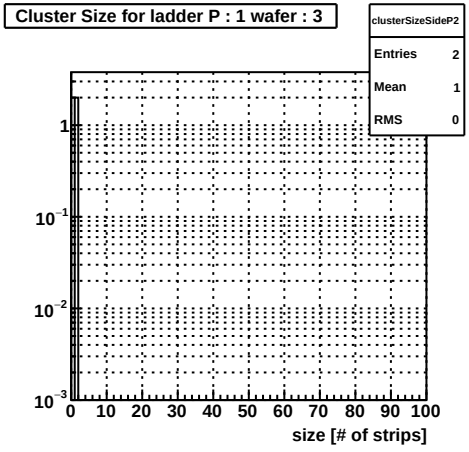

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5140
Mean 1.099
RMS 0.3921
size [# of strips]

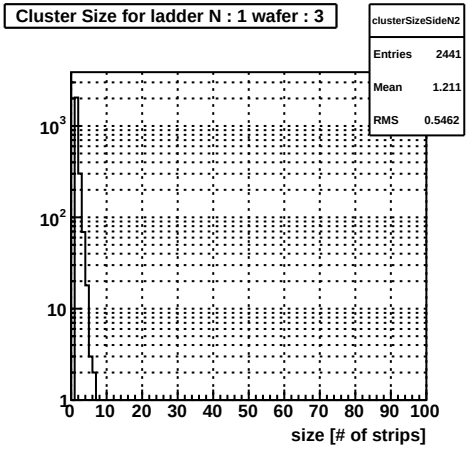

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 126
Mean 1.563
RMS 0.8116
size [# of strips]

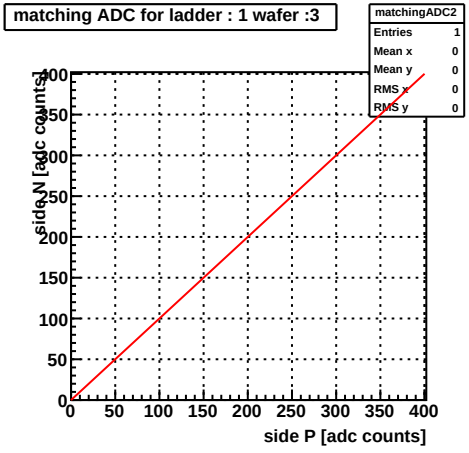

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 45
Mean y 45
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

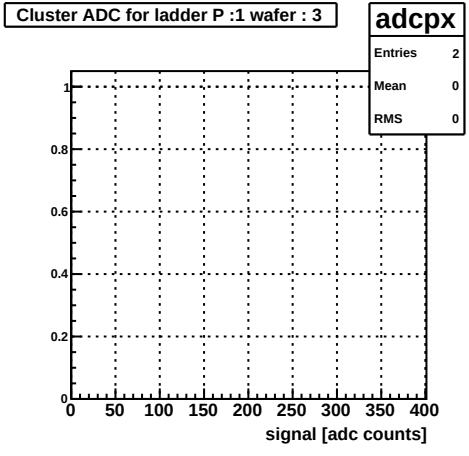

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5140
Mean 34.94
RMS 28.55
signal [adc counts]

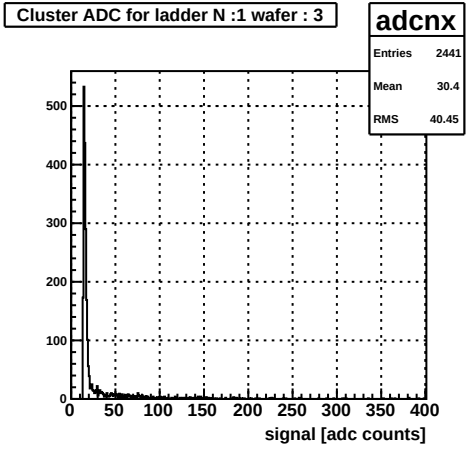

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 126
Mean 59.1
RMS 61.88
signal [adc counts]

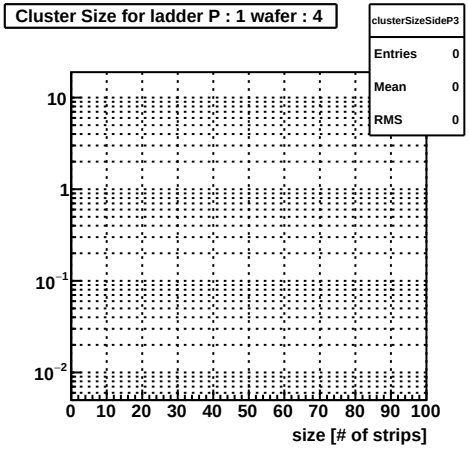

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 1
RMS 0
size [# of strips]

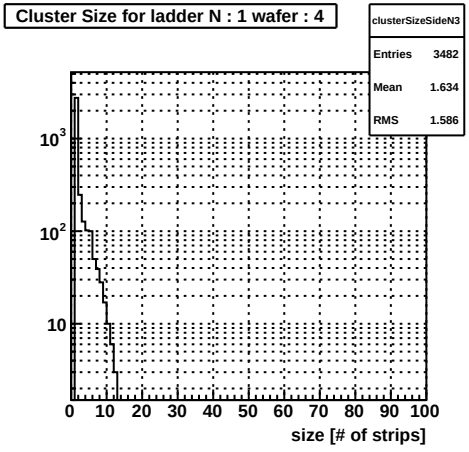

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2441
Mean 1.211
RMS 0.5462
size [# of strips]

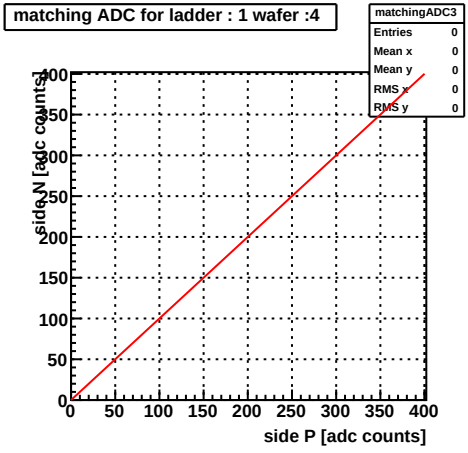

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

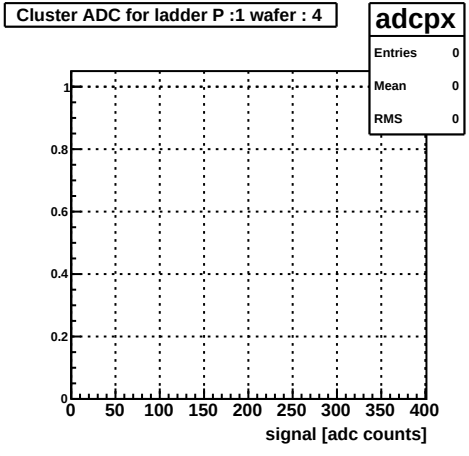

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

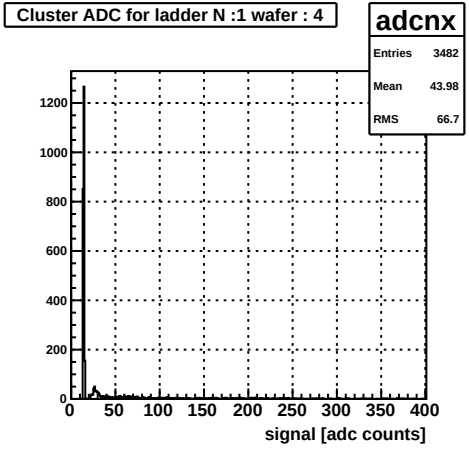

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2441
Mean 30.4
RMS 40.45
signal [adc counts]

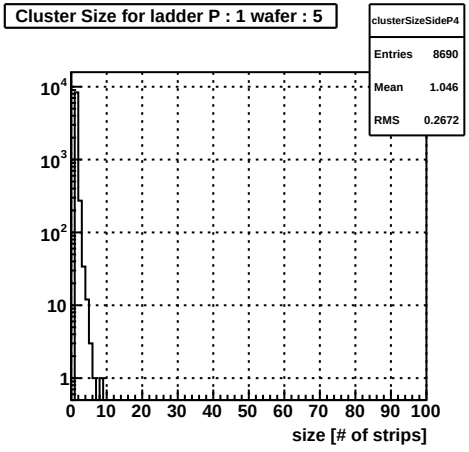

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

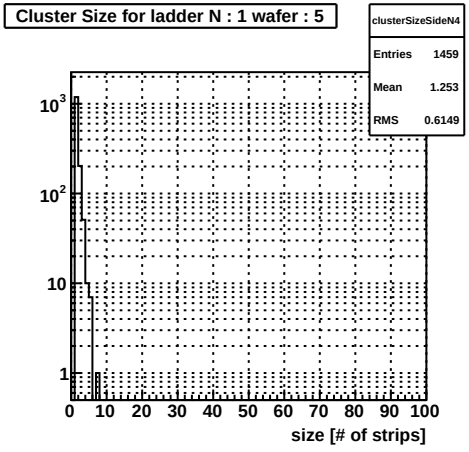

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3482
Mean 1.634
RMS 1.586
size [# of strips]

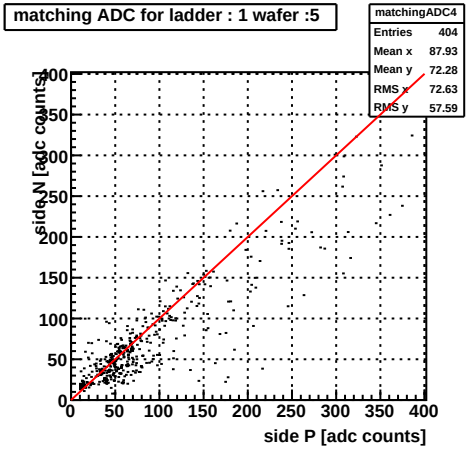

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

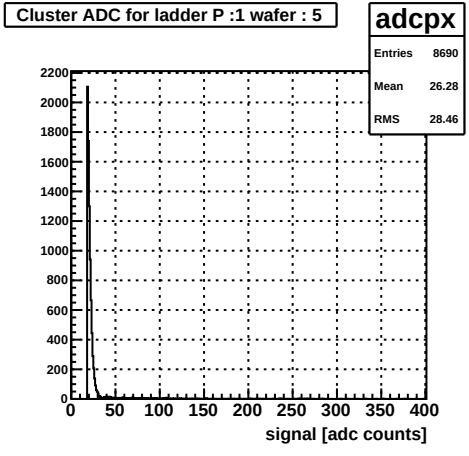

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

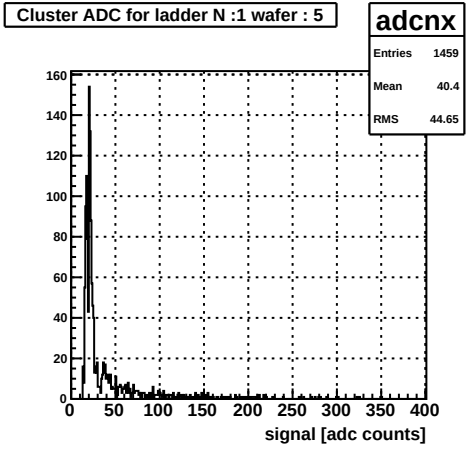

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3482
Mean 43.98
RMS 66.7
signal [adc counts]

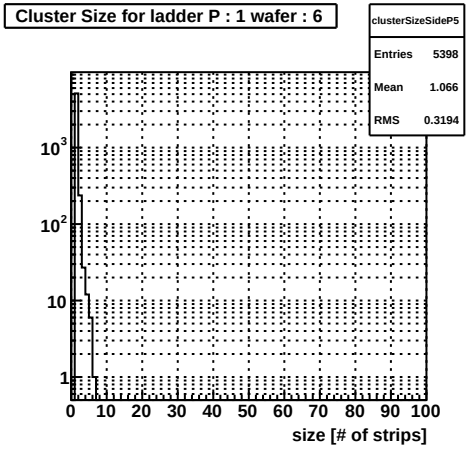

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8690
Mean 1.046
RMS 0.2672
size [# of strips]

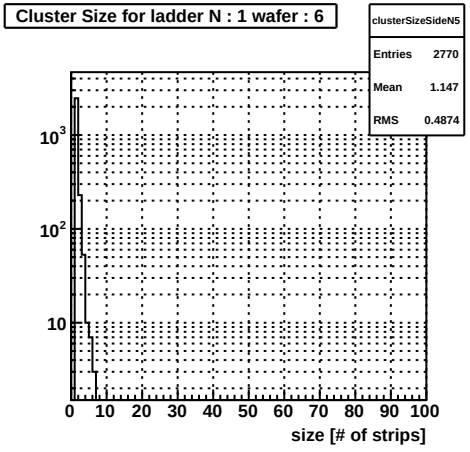

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1459
Mean 1.253
RMS 0.6149
size [# of strips]

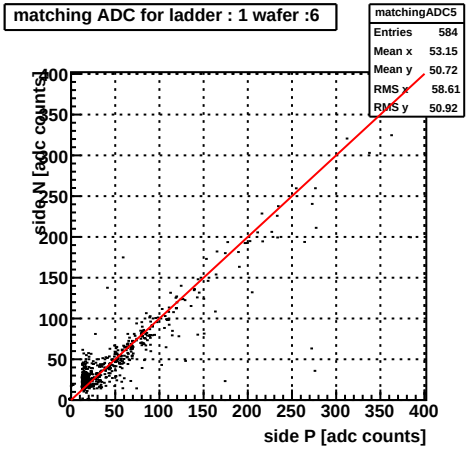

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 404
Mean x 87.93
Mean y 72.28
RMS x 72.63
RMS y 57.59
side N [adc counts]
side P [adc counts]

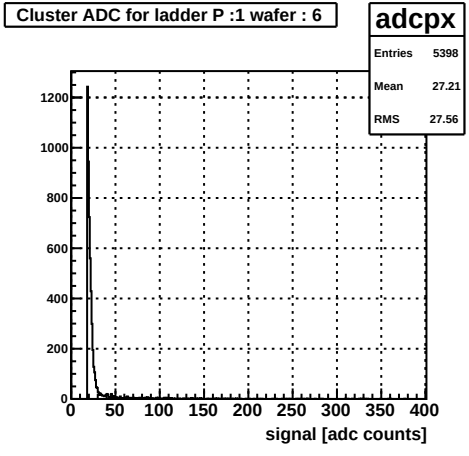

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8690
Mean 26.28
RMS 28.46
signal [adc counts]

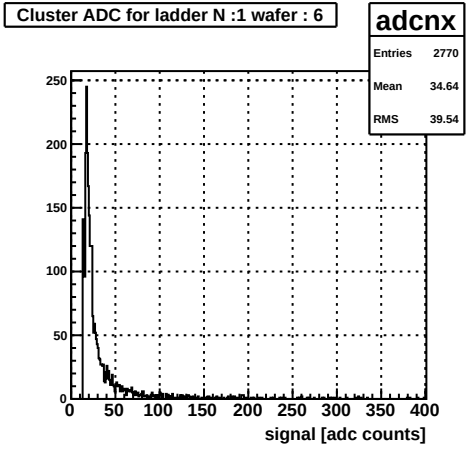

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1459
Mean 40.4
RMS 44.65
signal [adc counts]

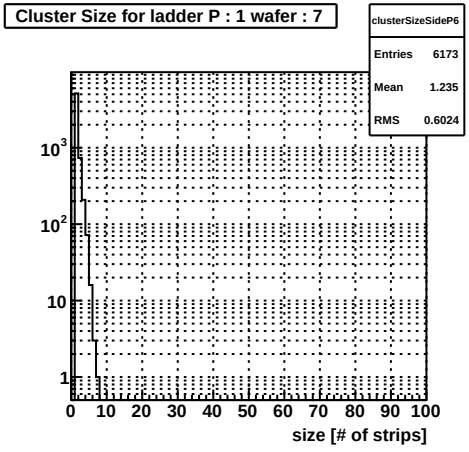

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5398
Mean 1.066
RMS 0.3194
size [# of strips]

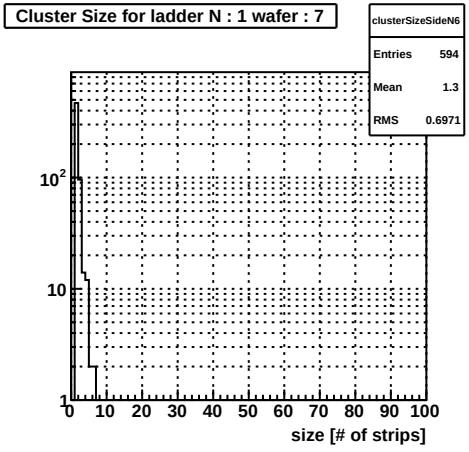

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2770
Mean 1.147
RMS 0.4874
size [# of strips]

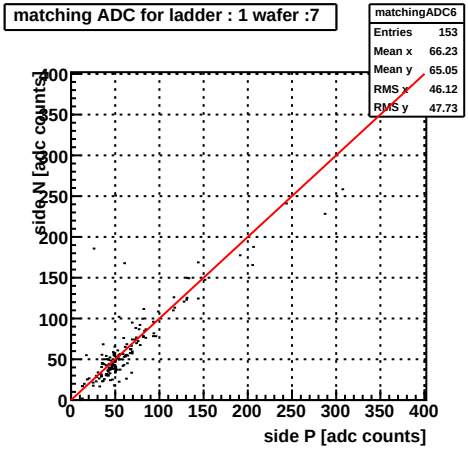

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 584
Mean x 53.15
Mean y 50.72
RMS x 58.61
RMS y 50.92
side N [adc counts]
side P [adc counts]

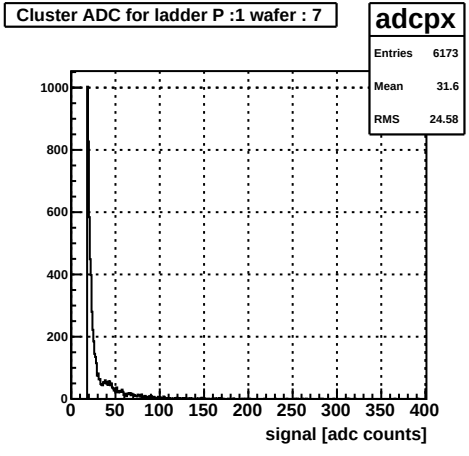

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5398
Mean 27.21
RMS 27.56
signal [adc counts]

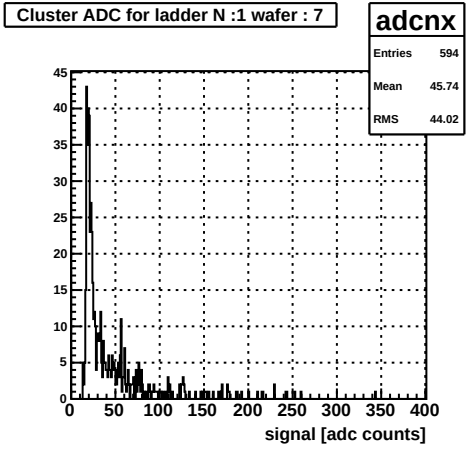

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2770
Mean 34.64
RMS 39.54
signal [adc counts]

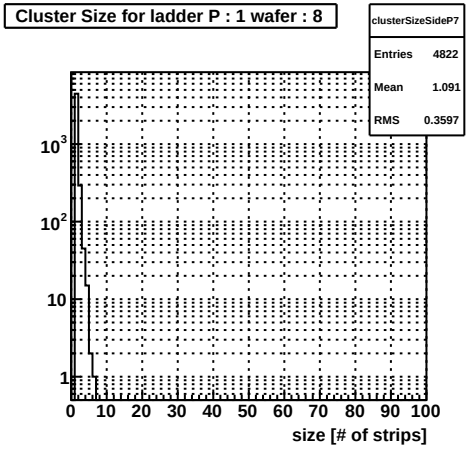

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6173
Mean 1.235
RMS 0.6024
size [# of strips]

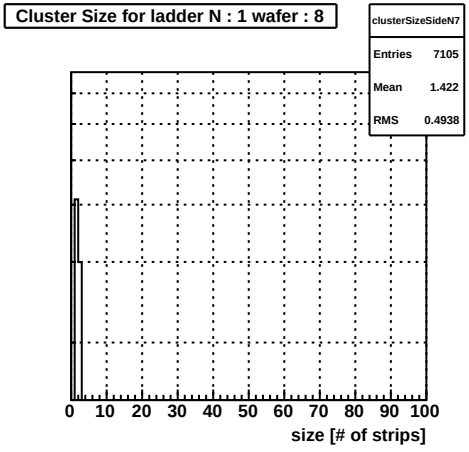

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 594
Mean 1.3
RMS 0.6971
size [# of strips]

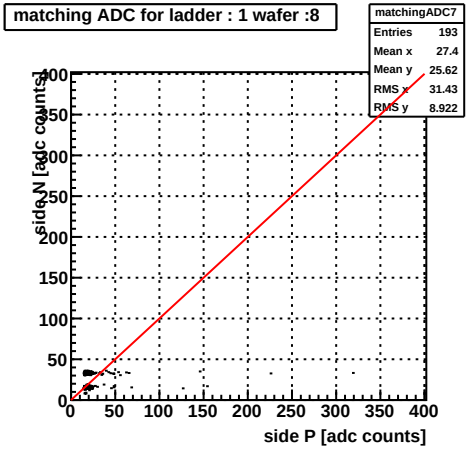

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 153
Mean x 66.23
Mean y 65.05
RMS x 46.12
RMS y 47.73
side N [adc counts]
side P [adc counts]

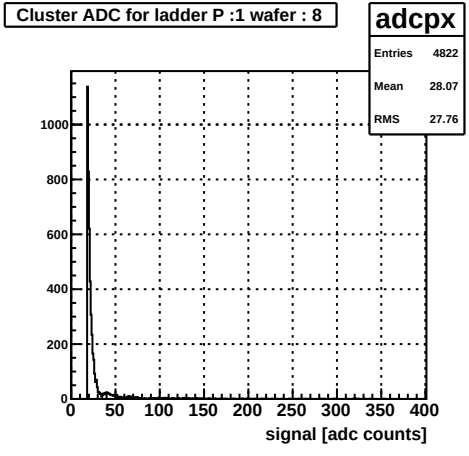

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6173
Mean 31.6
RMS 24.58
signal [adc counts]

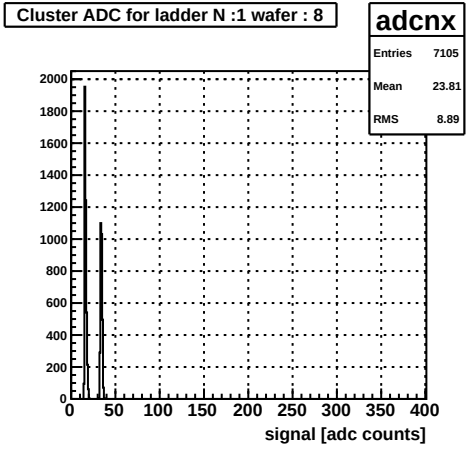

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 594
Mean 45.74
RMS 44.02
signal [adc counts]

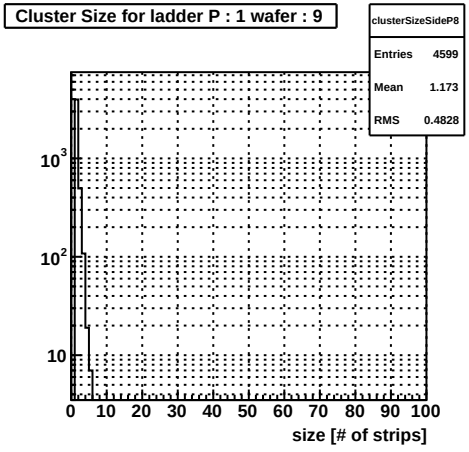

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 4822
Mean 1.091
RMS 0.3597
size [# of strips]

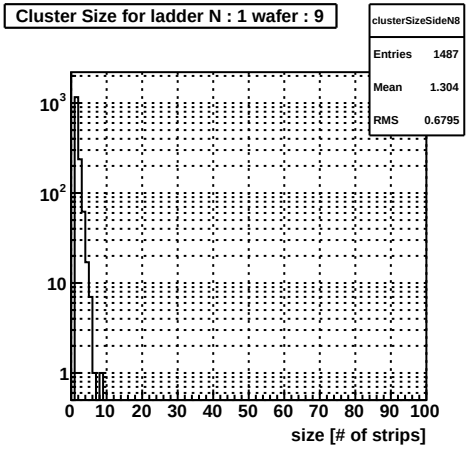

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 7105
Mean 1.422
RMS 0.4938
size [# of strips]

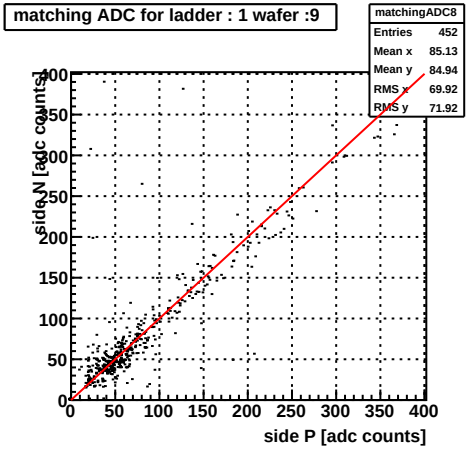

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 193
Mean x 27.4
Mean y 25.62
RMS x 31.43
RMS y 8.922
side N [adc counts]
side P [adc counts]

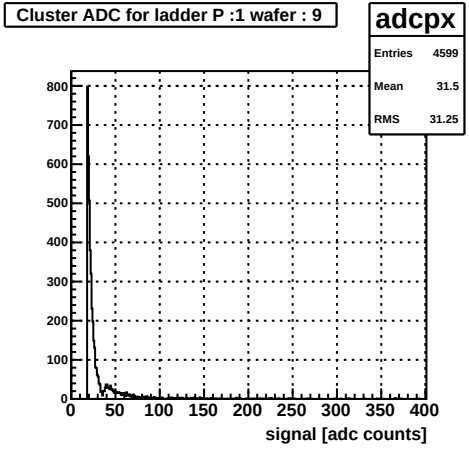

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 4822
Mean 28.07
RMS 27.76
signal [adc counts]

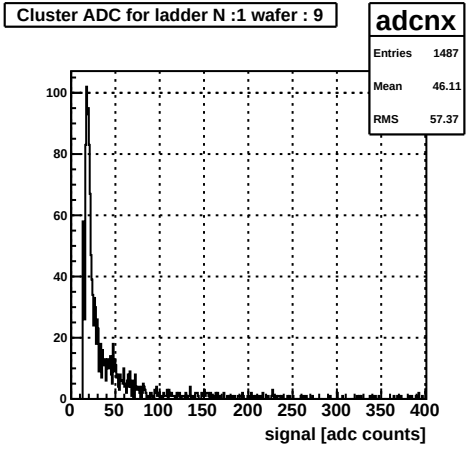

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 7105
Mean 23.81
RMS 8.89
signal [adc counts]

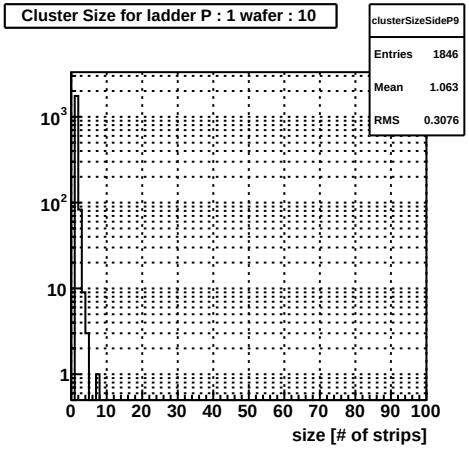

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4599
Mean 1.173
RMS 0.4828
size [# of strips]

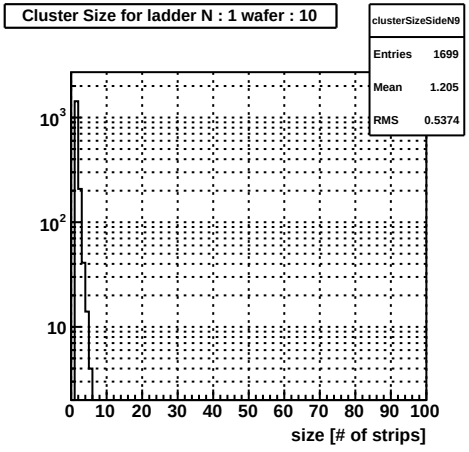

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1487
Mean 1.304
RMS 0.6795
size [# of strips]

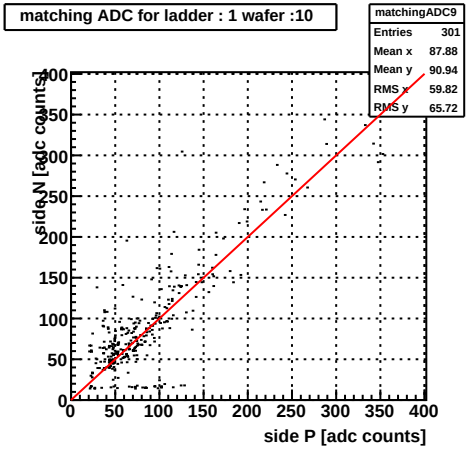

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 452
Mean x 85.13
Mean y 84.94
RMS x 69.92
RMS y 71.92
side N [adc counts]
side P [adc counts]

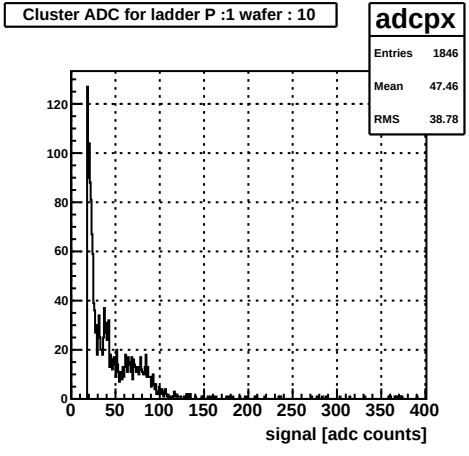

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4599
Mean 31.5
RMS 31.25
signal [adc counts]

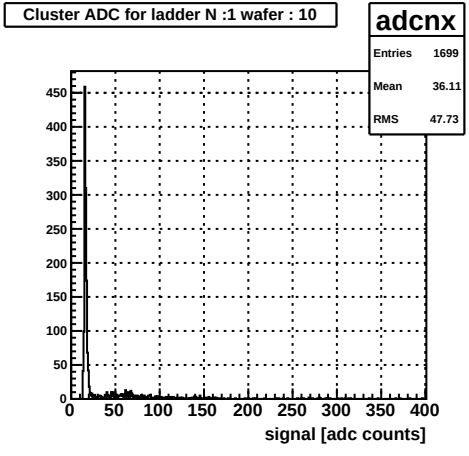

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1487
Mean 46.11
RMS 57.37
signal [adc counts]

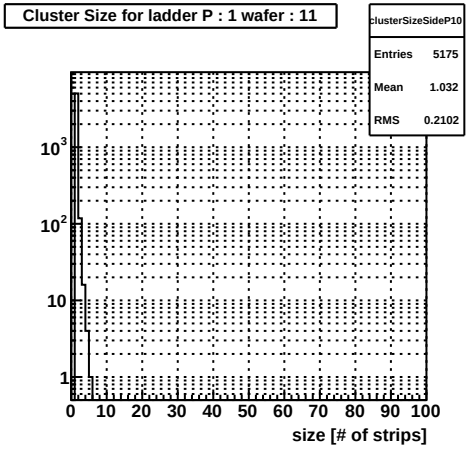

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1846
Mean 1.063
RMS 0.3076
size [# of strips]

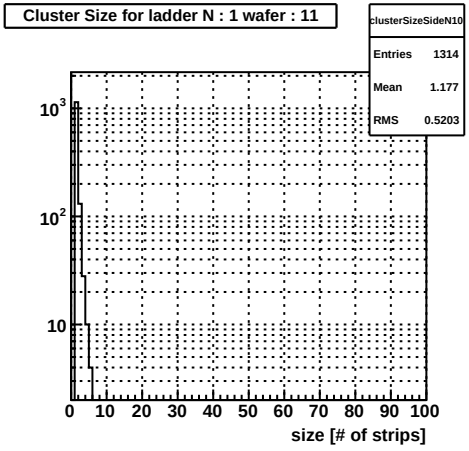

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1699
Mean 1.205
RMS 0.5374
size [# of strips]

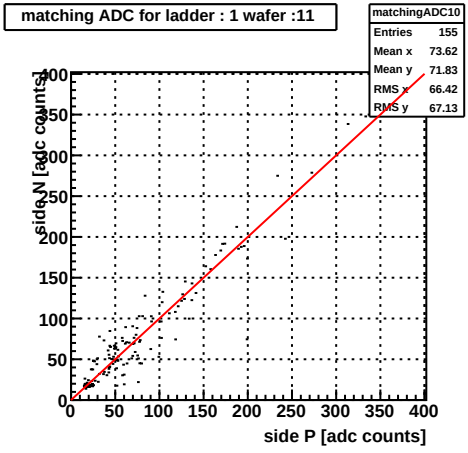

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 301
Mean x 87.88
Mean y 90.94
RMS x 59.82
RMS y 65.72
side N [adc counts]
side P [adc counts]

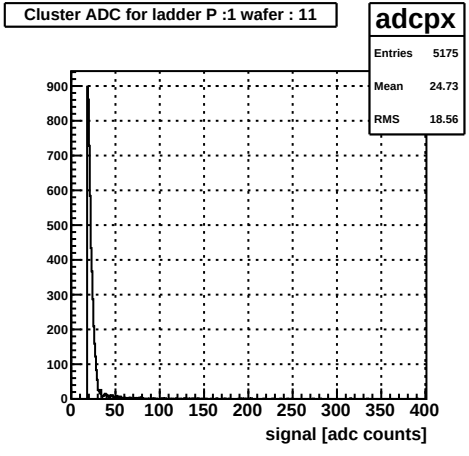

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1846
Mean 47.46
RMS 38.78
signal [adc counts]

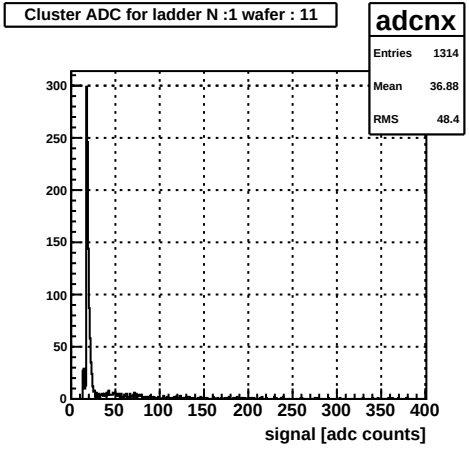

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1699
Mean 36.11
RMS 47.73
signal [adc counts]

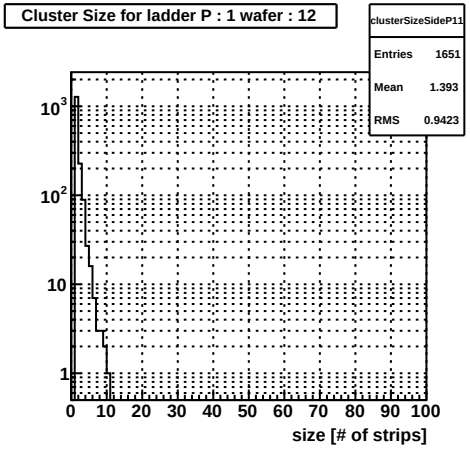

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5175
Mean 1.032
RMS 0.2102
size [# of strips]

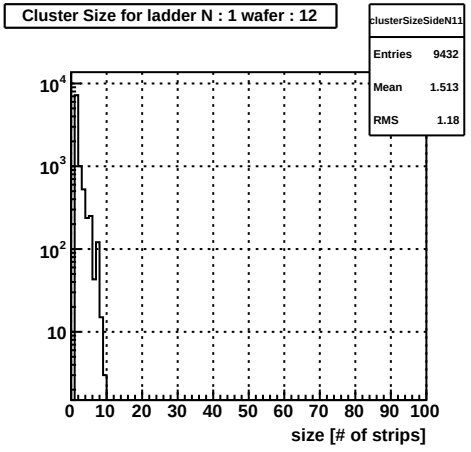

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1314
Mean 1.177
RMS 0.5203
size [# of strips]

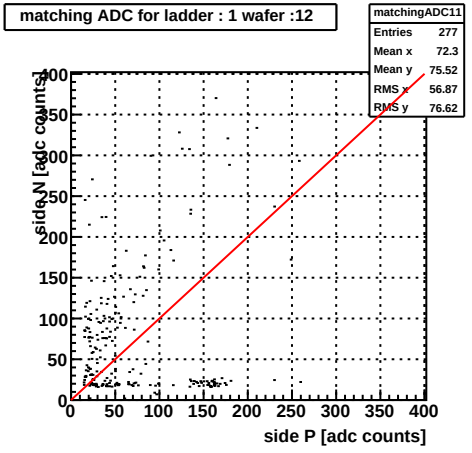

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 155
Mean x 73.62
Mean y 71.83
RMS x 66.42
RMS y 67.13
side N [adc counts]
side P [adc counts]

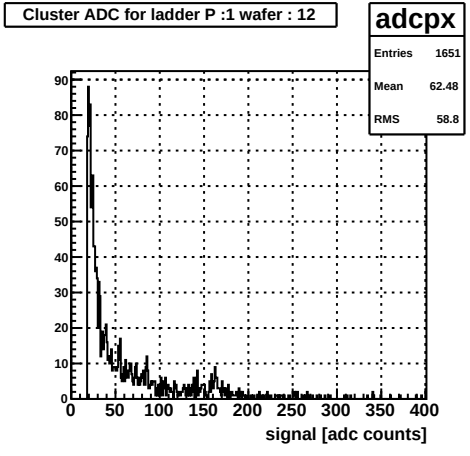

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5175
Mean 24.73
RMS 18.56
signal [adc counts]

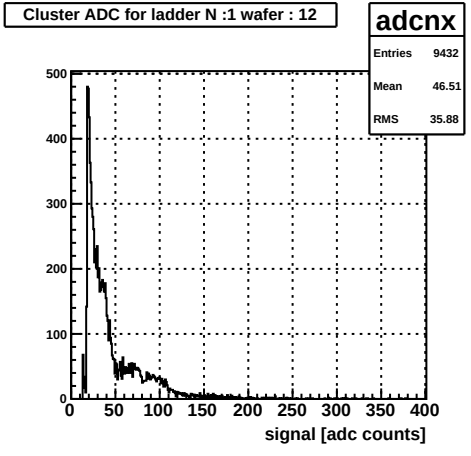

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1314
Mean 36.88
RMS 48.4
signal [adc counts]

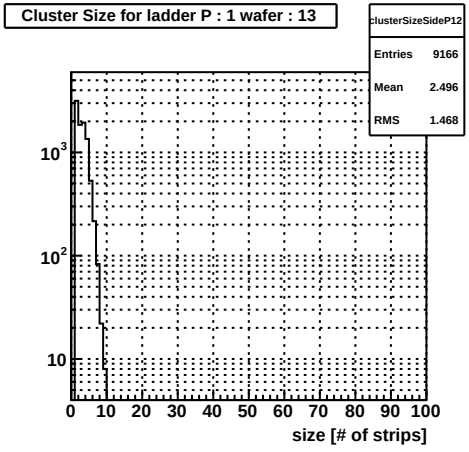

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1651
Mean 1.393
RMS 0.9423
size [# of strips]

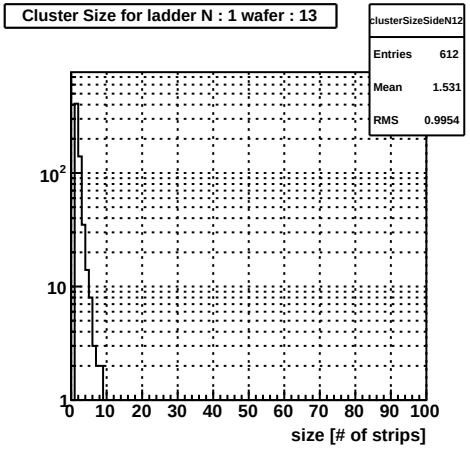

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9432
Mean 1.513
RMS 1.18
size [# of strips]

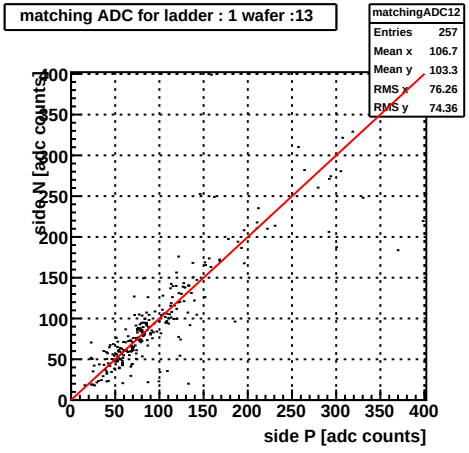

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 277
Mean x 72.3
Mean y 75.52
RMS x 56.87
RMS y 76.62
side N [adc counts]
side P [adc counts]

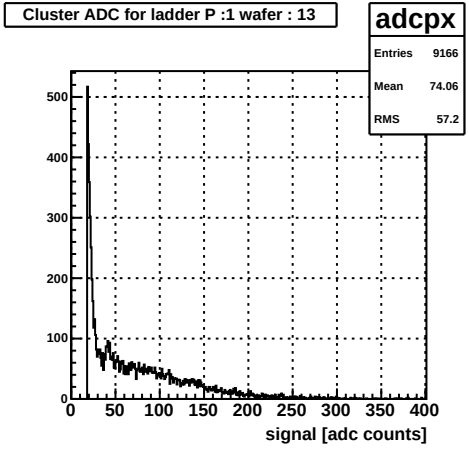

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1651
Mean 62.48
RMS 58.8
signal [adc counts]

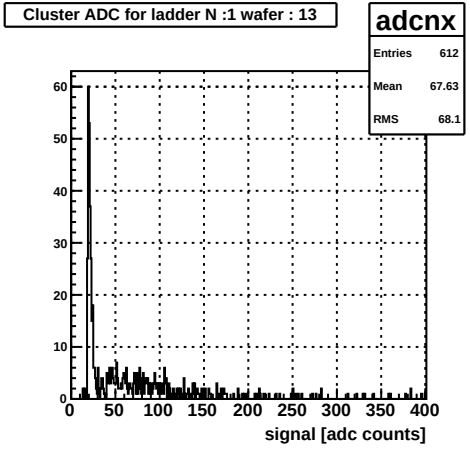

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9432
Mean 46.51
RMS 35.88
signal [adc counts]

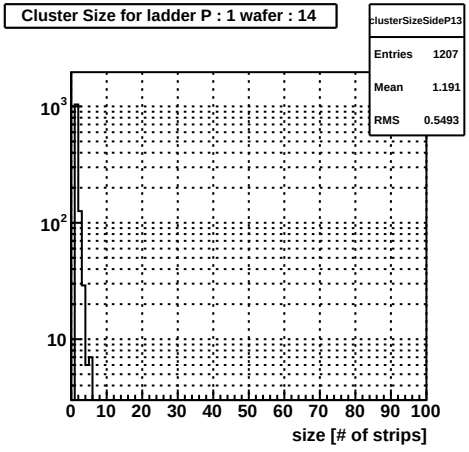

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 9166
Mean 2.496
RMS 1.468
size [# of strips]

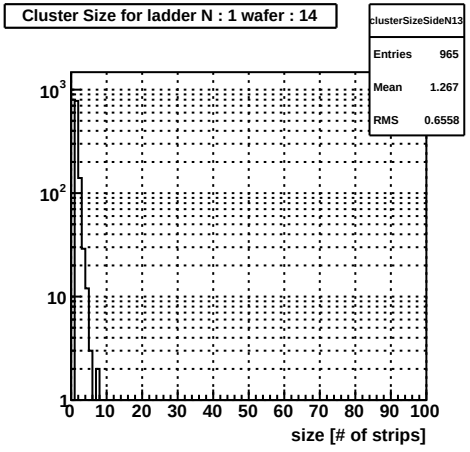

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 612
Mean 1.531
RMS 0.9954
size [# of strips]

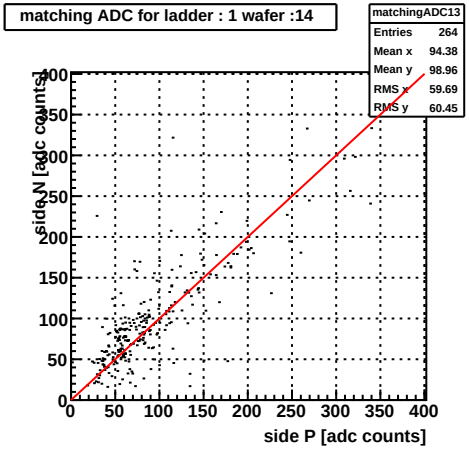

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 257
Mean x 106.7
Mean y 103.3
RMS x 76.26
RMS y 74.36
side N [adc counts]
side P [adc counts]

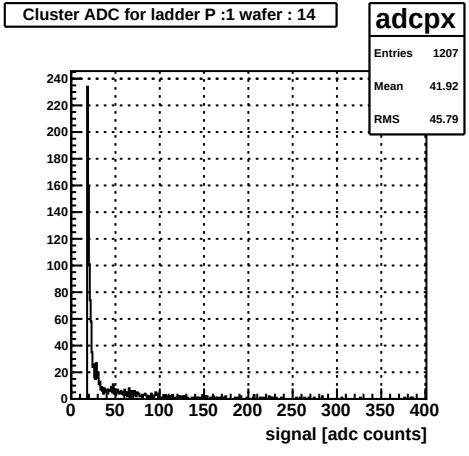

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 9166
Mean 74.06
RMS 57.2
signal [adc counts]

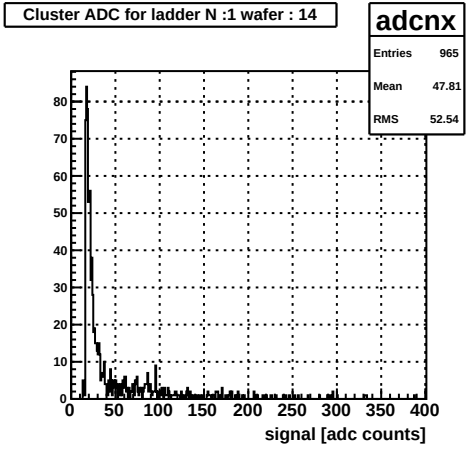

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 612
Mean 67.63
RMS 68.1
signal [adc counts]

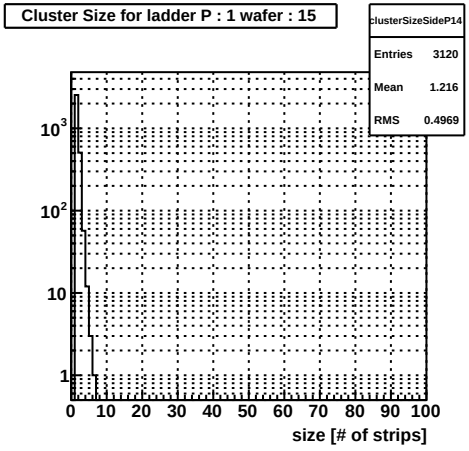

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1207
Mean 1.191
RMS 0.5493
size [# of strips]

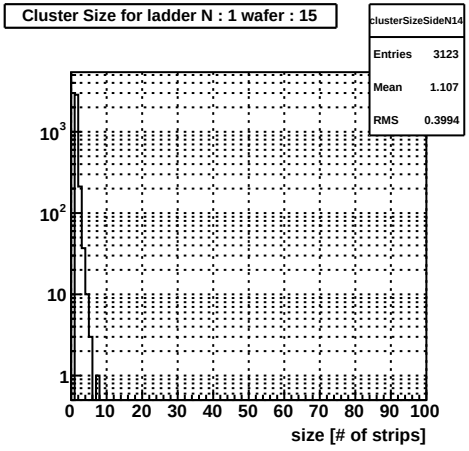

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 965
Mean 1.267
RMS 0.6558
size [# of strips]

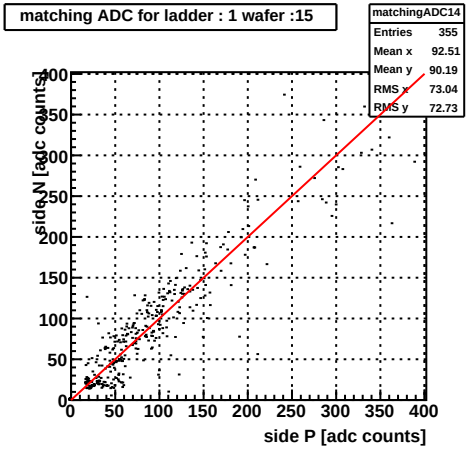

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 264
Mean x 94.38
Mean y 98.96
RMS x 59.69
RMS y 60.45
side N [adc counts]
side P [adc counts]

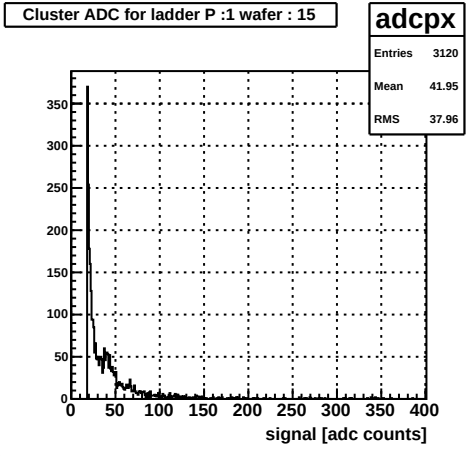

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1207
Mean 41.92
RMS 45.79
signal [adc counts]

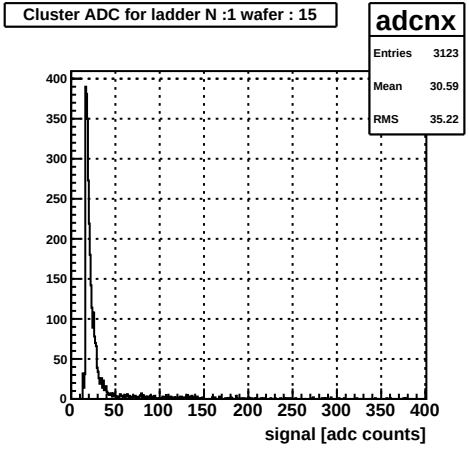

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 965
Mean 47.81
RMS 52.54
signal [adc counts]

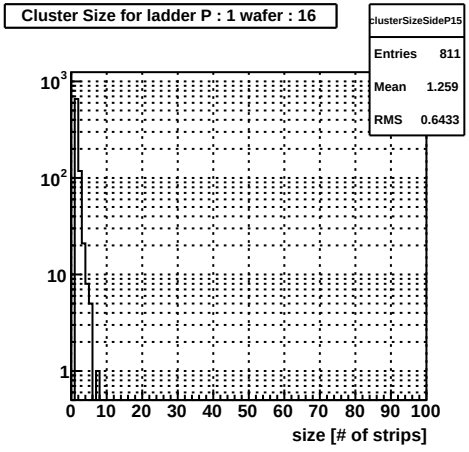

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3120
Mean 1.216
RMS 0.4969
size [# of strips]

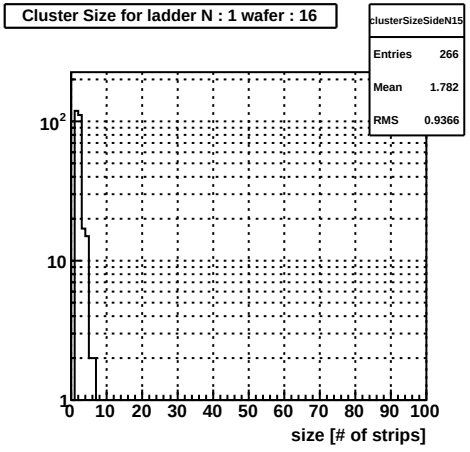

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 3123
Mean 1.107
RMS 0.3994
size [# of strips]

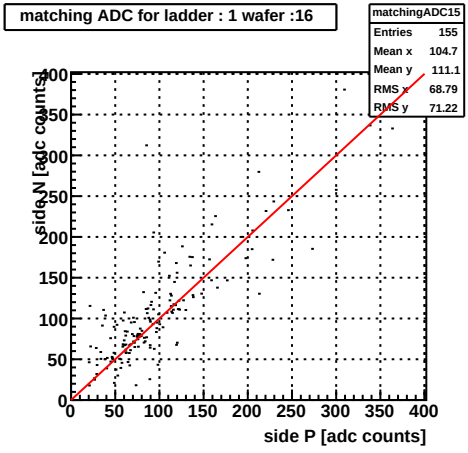

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 355
Mean x 92.51
Mean y 90.19
RMS x 73.04
RMS y 72.73
side N [adc counts]
side P [adc counts]

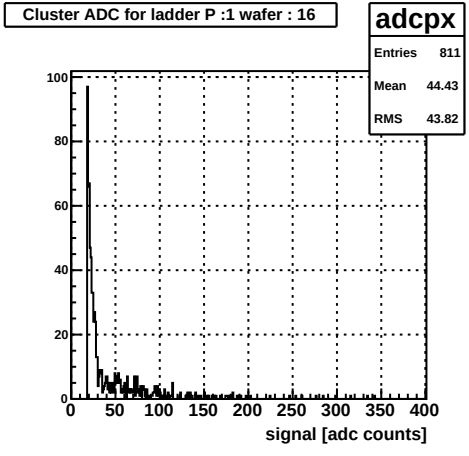

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3120
Mean 41.95
RMS 37.96
signal [adc counts]

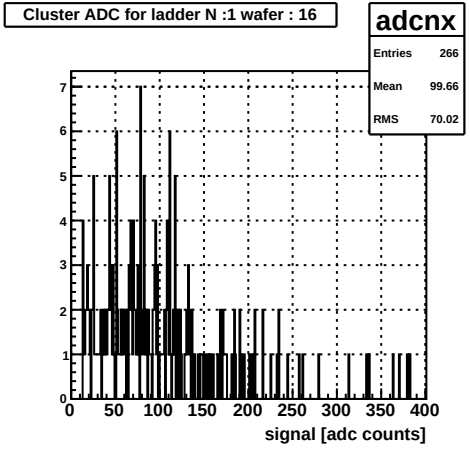

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 3123
Mean 30.59
RMS 35.22
signal [adc counts]

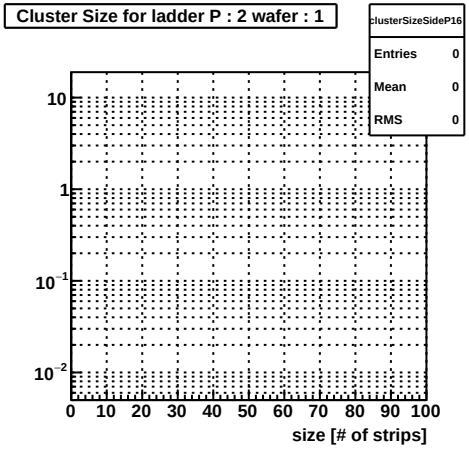

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 811
Mean 1.259
RMS 0.6433
size [# of strips]

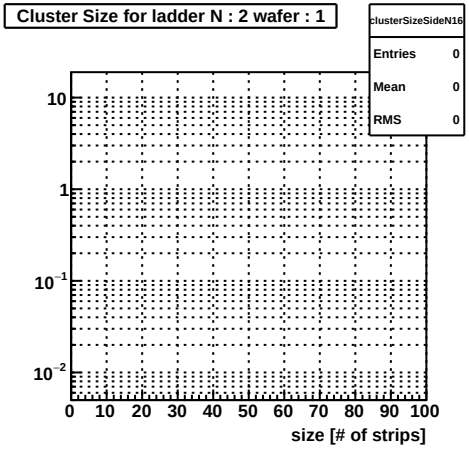

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 266
Mean 1.782
RMS 0.9366
size [# of strips]

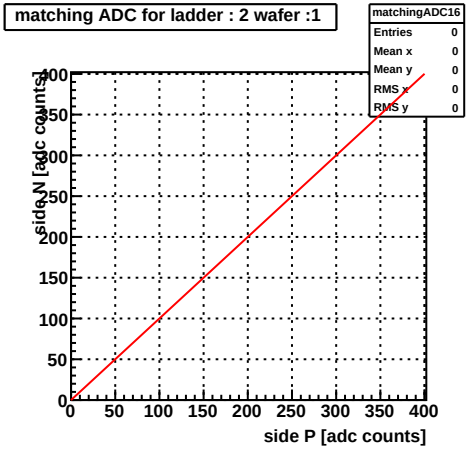

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 155
Mean x 104.7
Mean y 111.1
RMS x 68.79
RMS y 71.22
side N [adc counts]
side P [adc counts]

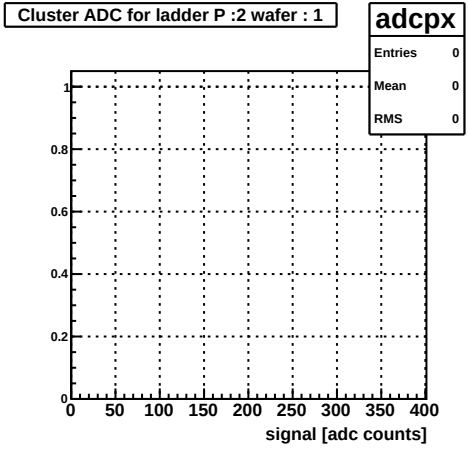

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 811
Mean 44.43
RMS 43.82
signal [adc counts]

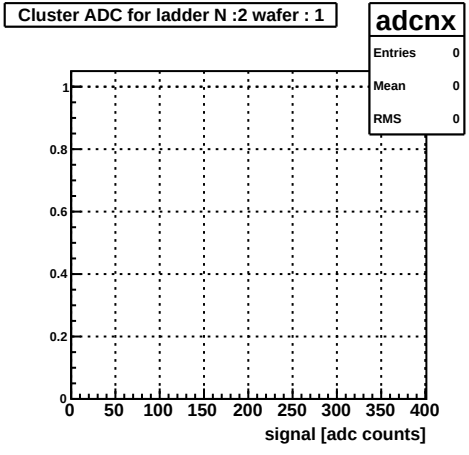

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 266
Mean 99.66
RMS 70.02
signal [adc counts]

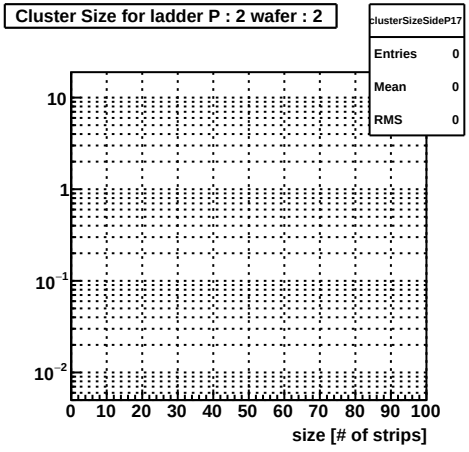

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

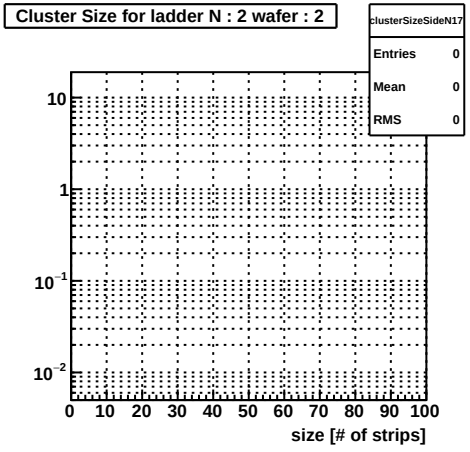

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

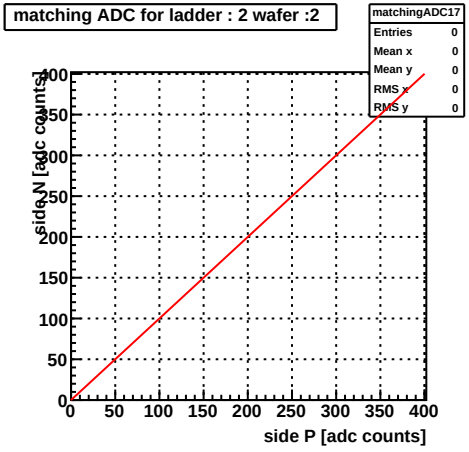

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

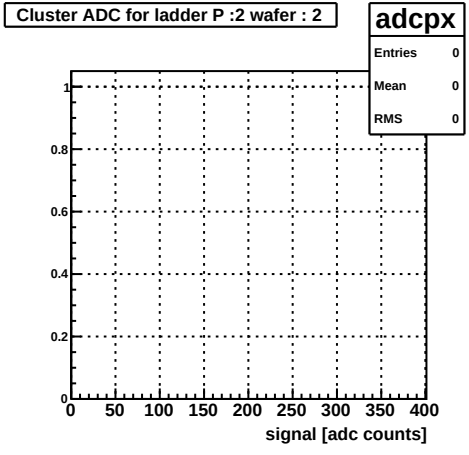

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

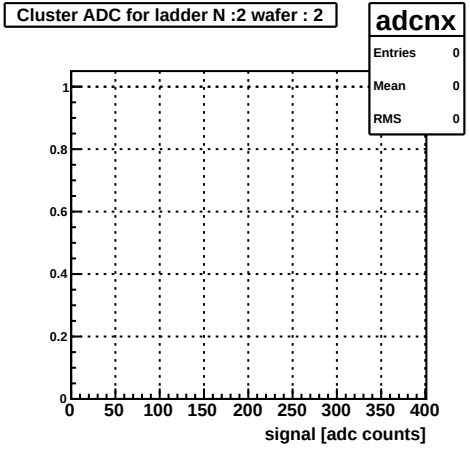

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

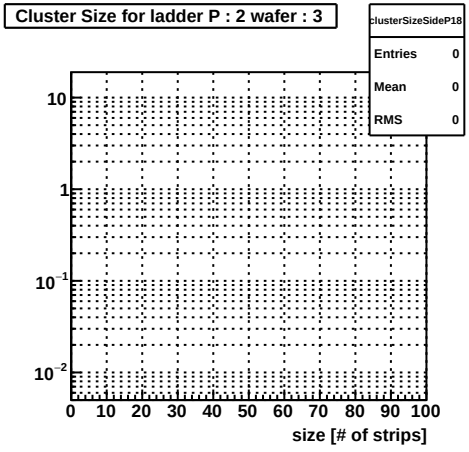

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

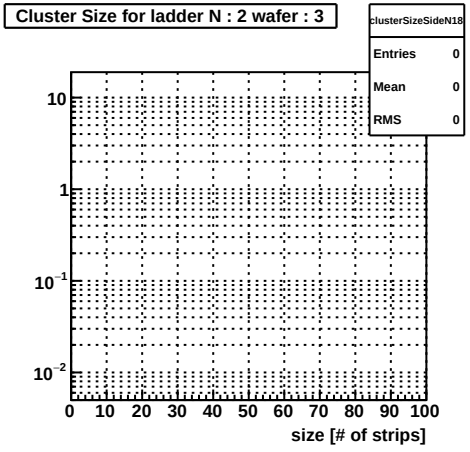

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

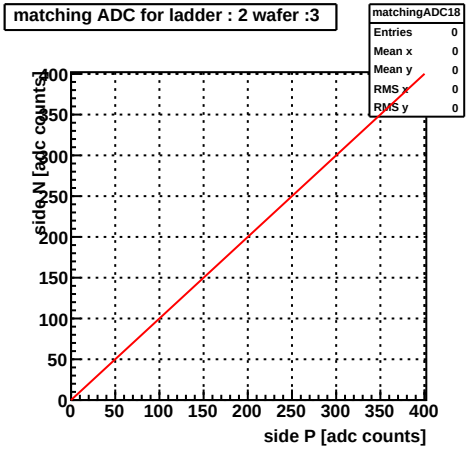

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

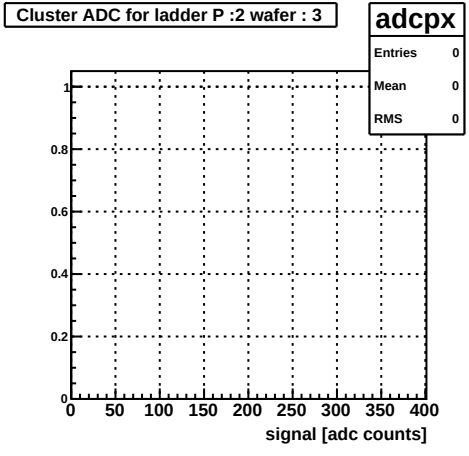

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

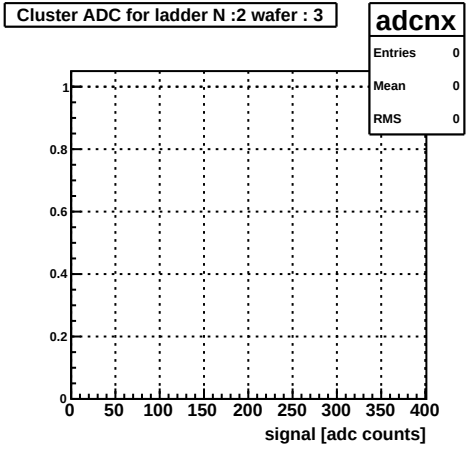

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

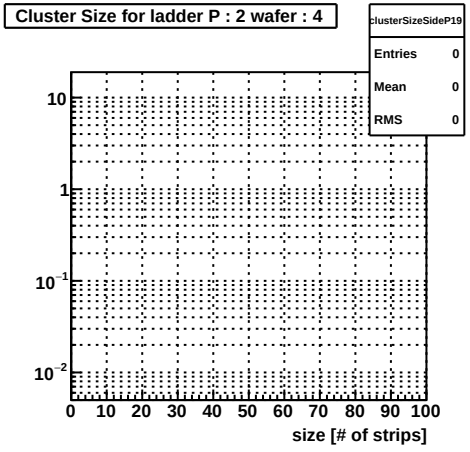

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

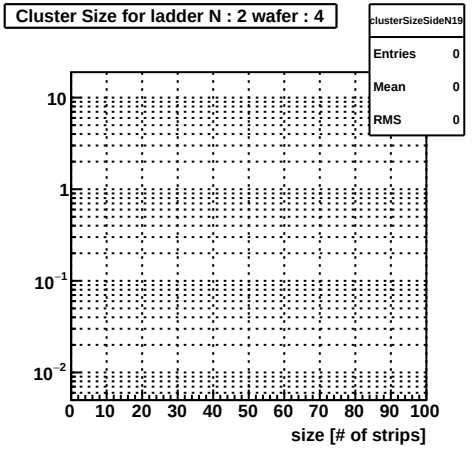

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

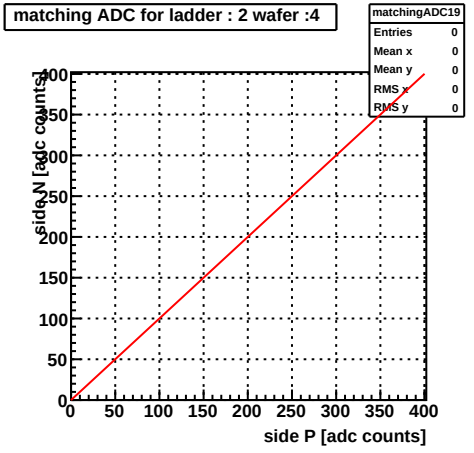

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

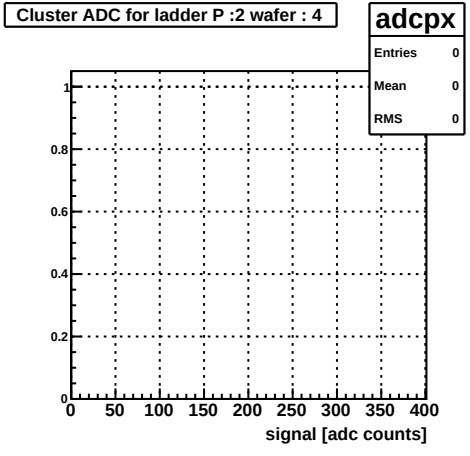

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

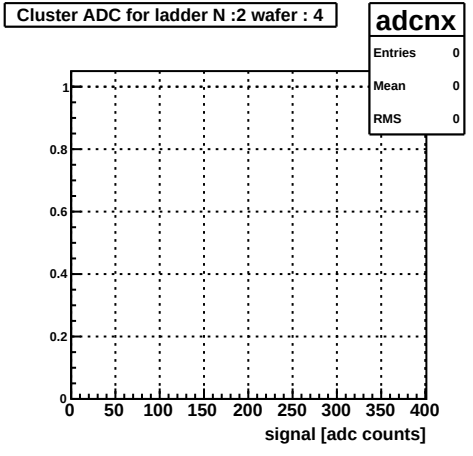

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

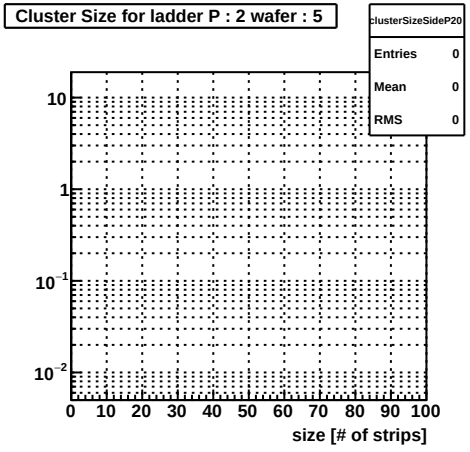

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

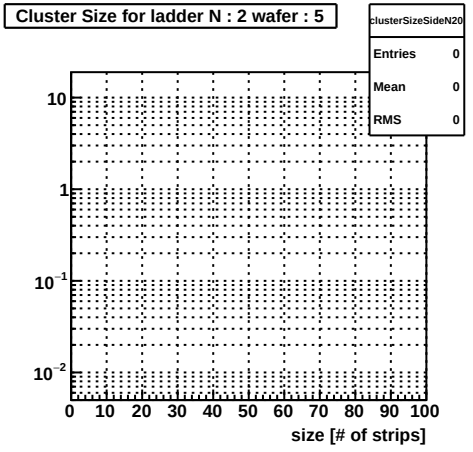

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

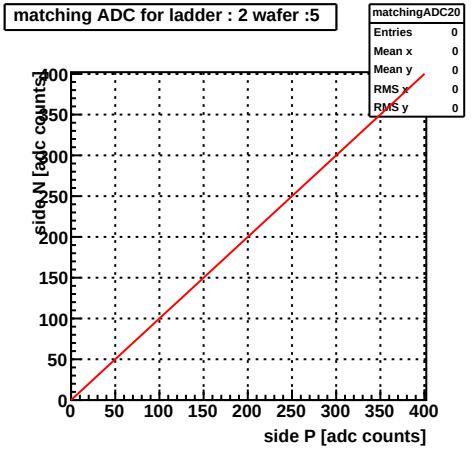

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

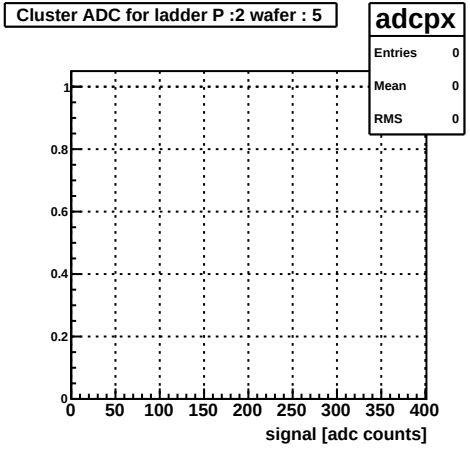

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

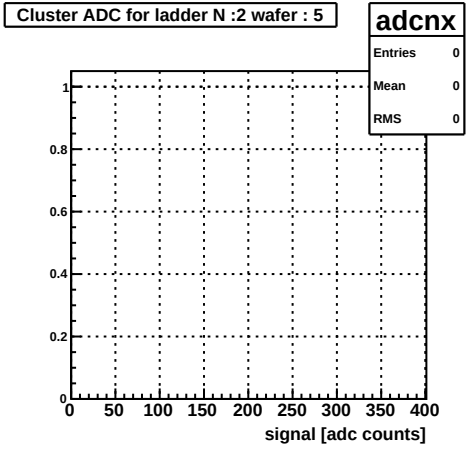

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

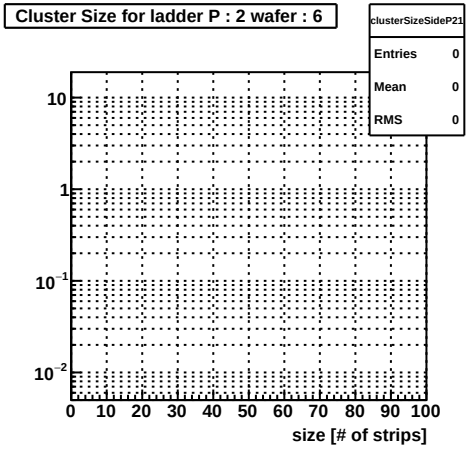

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

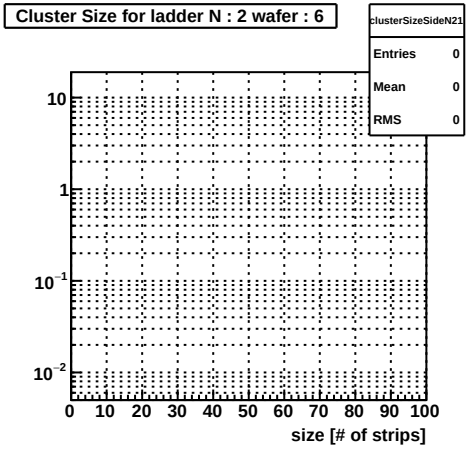

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

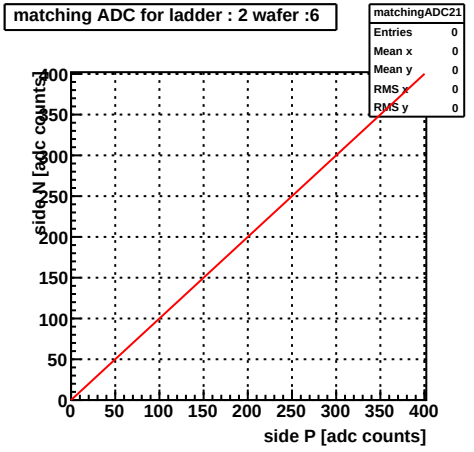

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

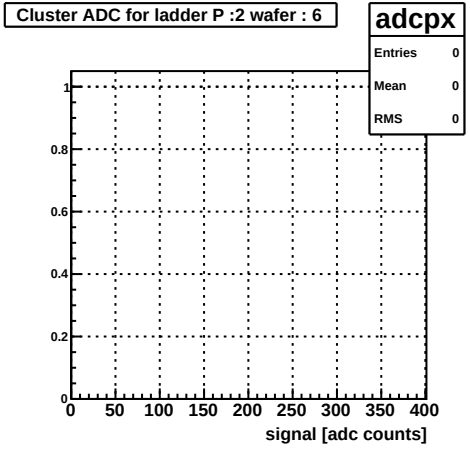

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

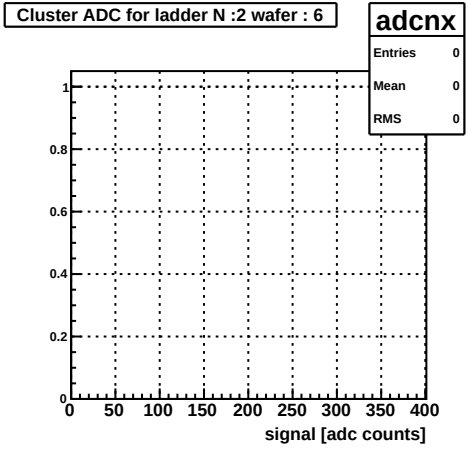

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

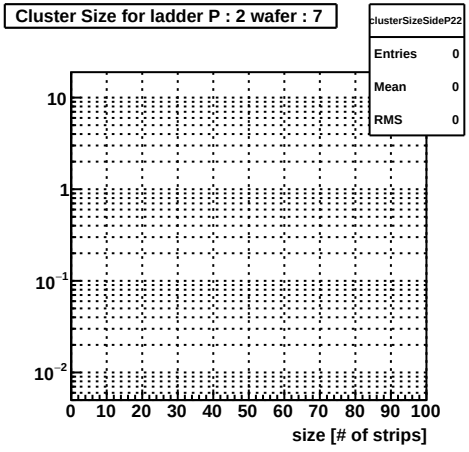

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

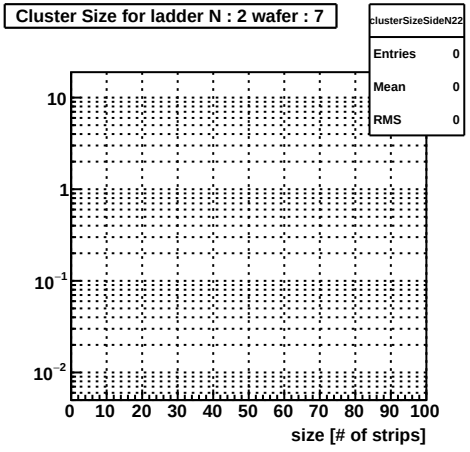

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

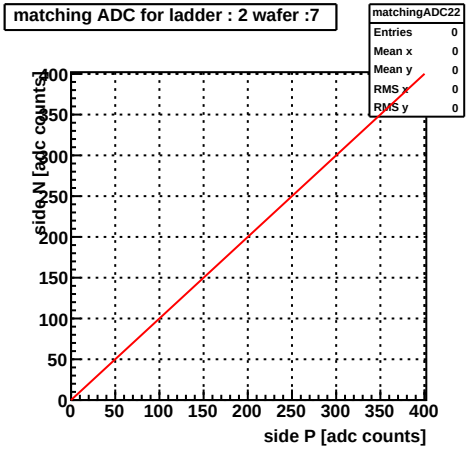

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

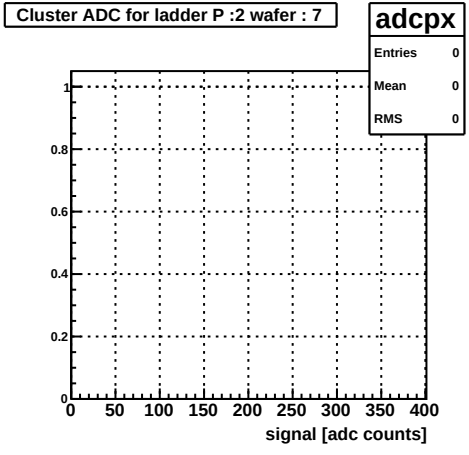

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

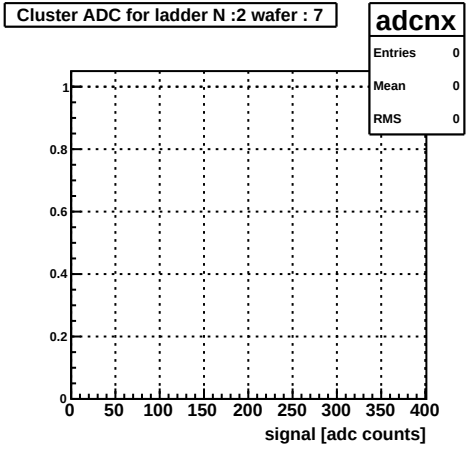

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

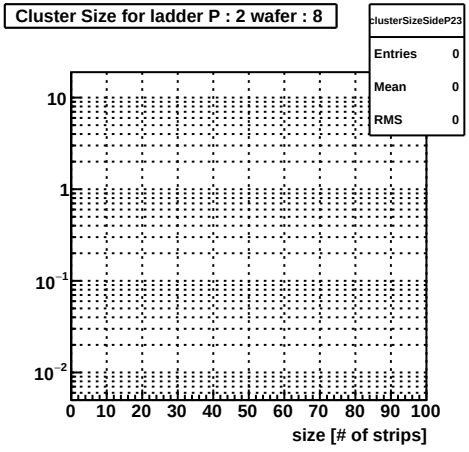

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

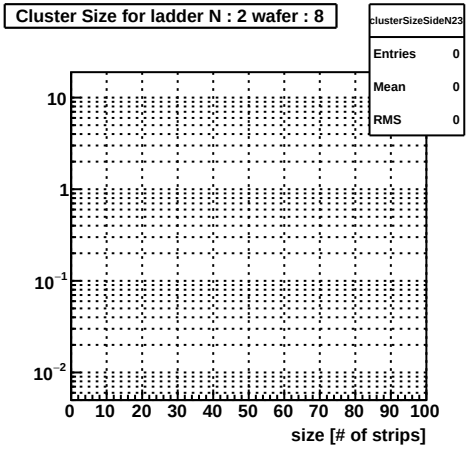

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

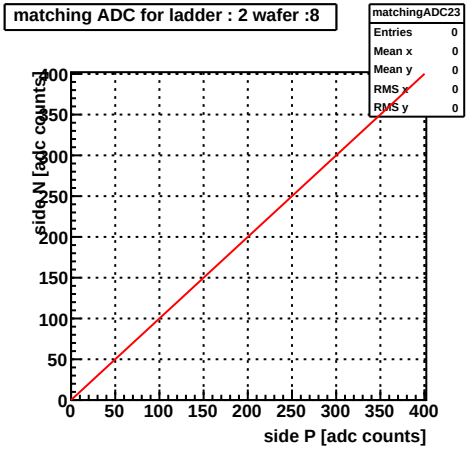

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

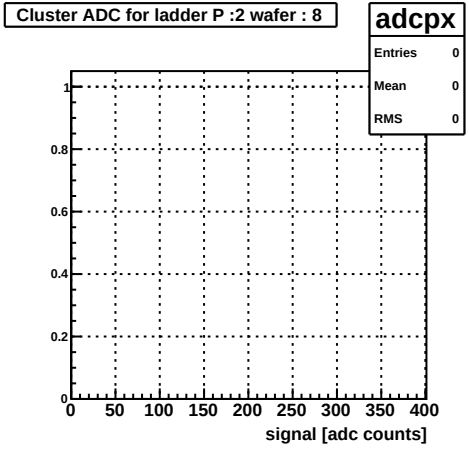

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

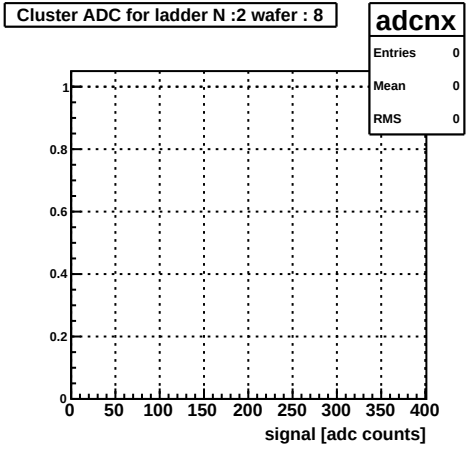

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

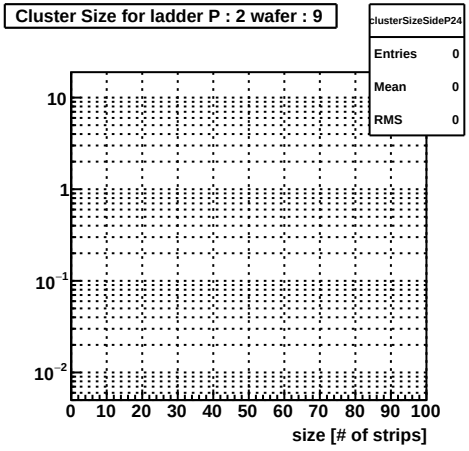

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

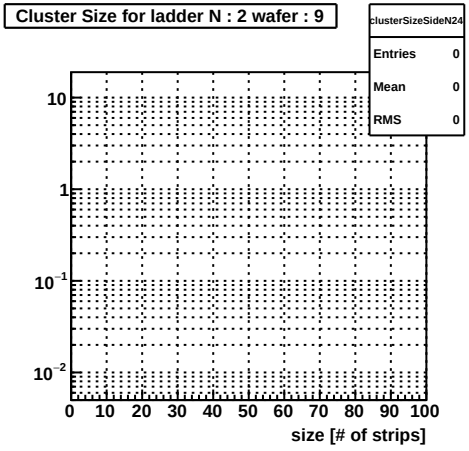

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

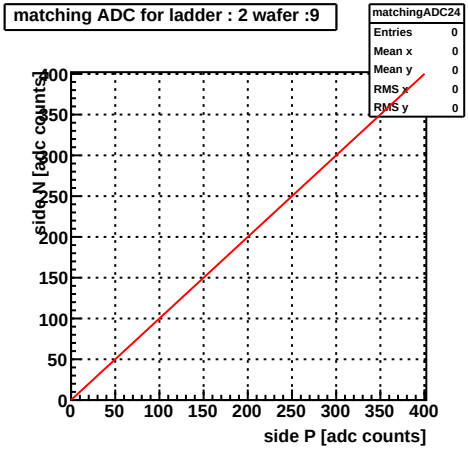

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

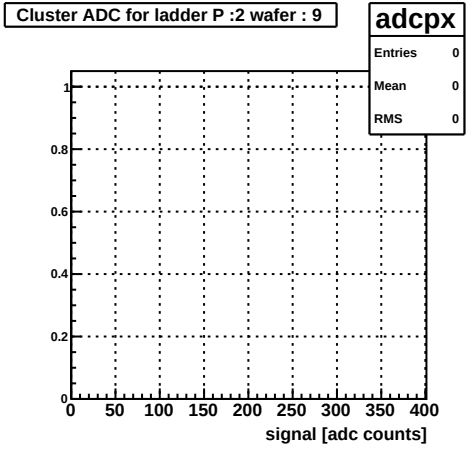

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

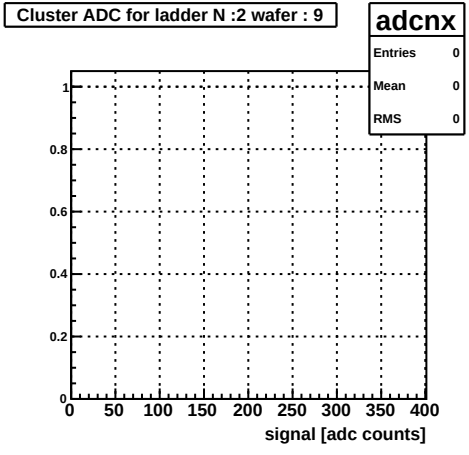

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

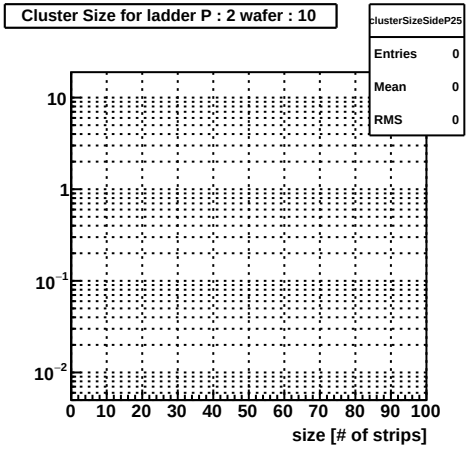

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

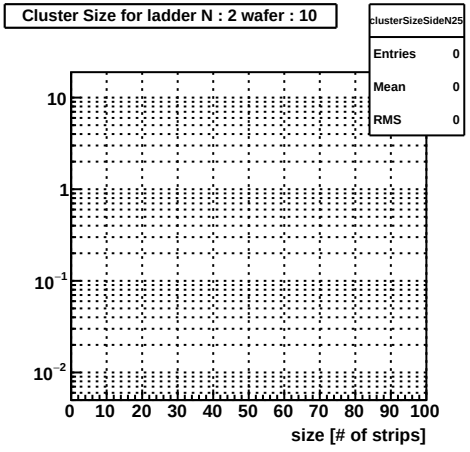

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

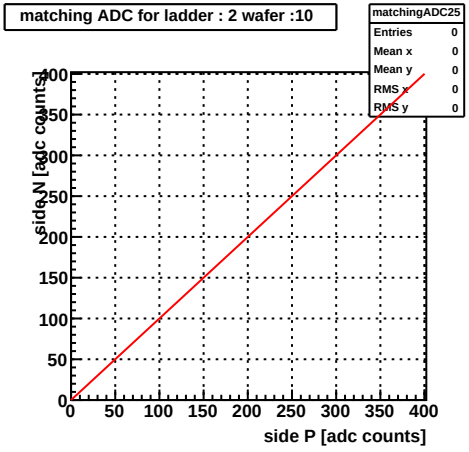

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

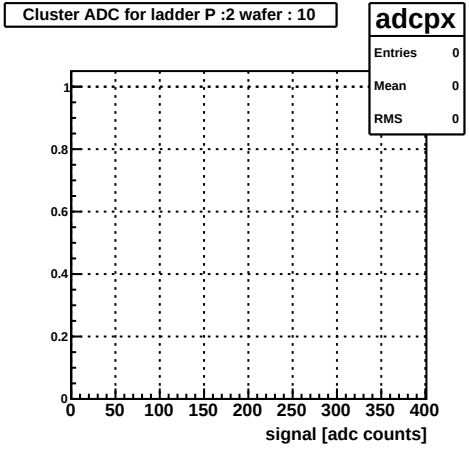

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

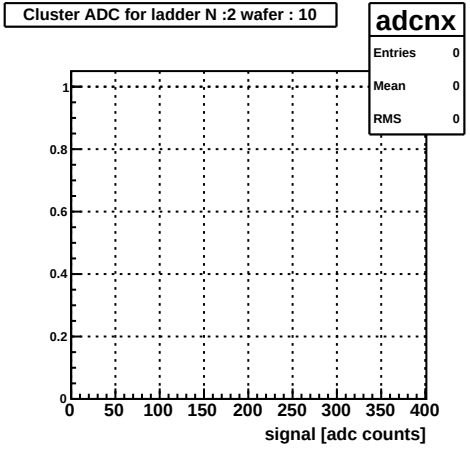

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

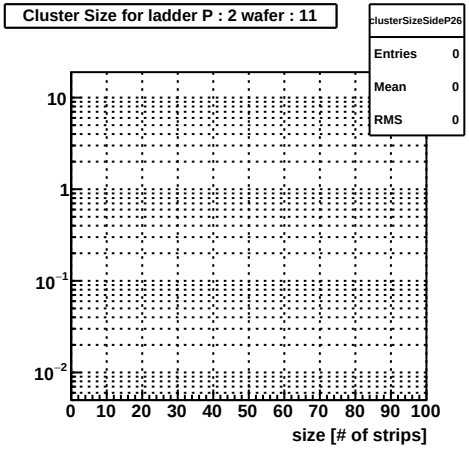

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

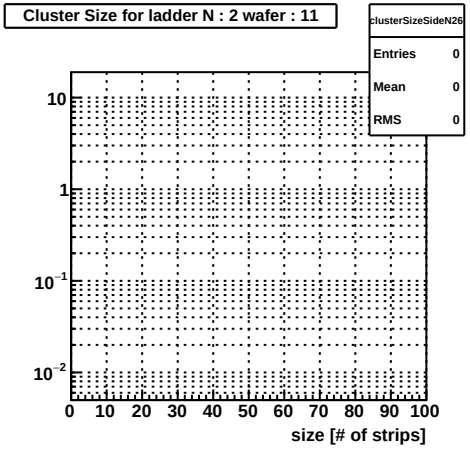

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

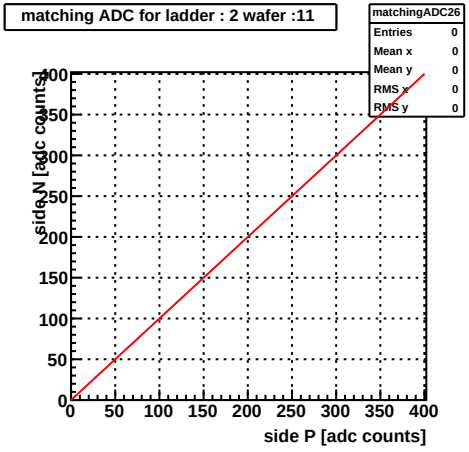

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

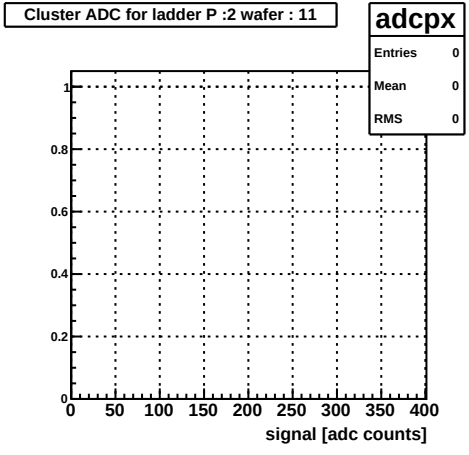

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

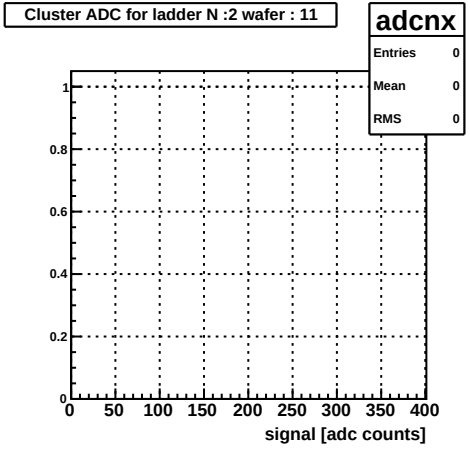

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

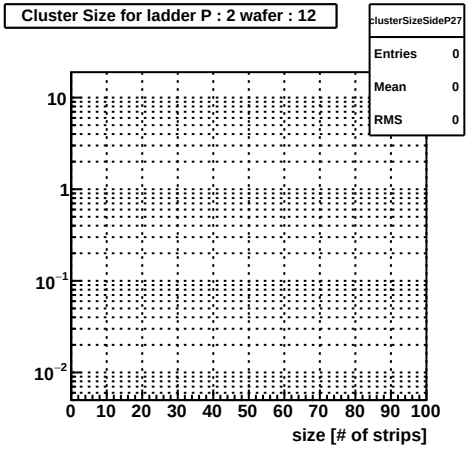

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

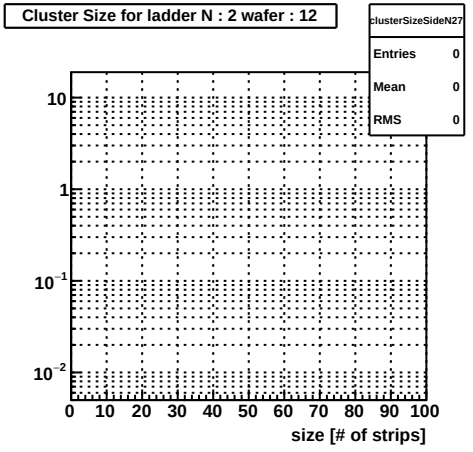

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

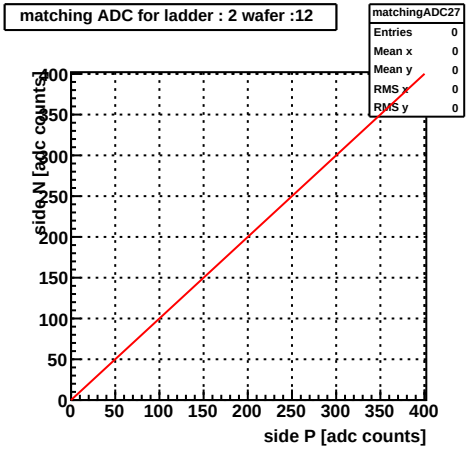

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

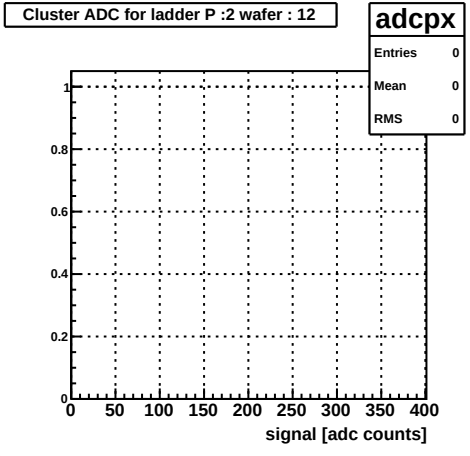

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

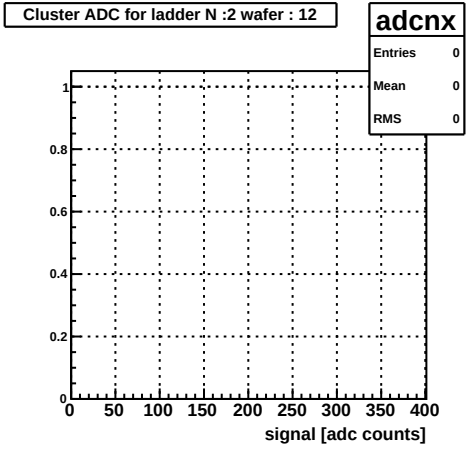

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

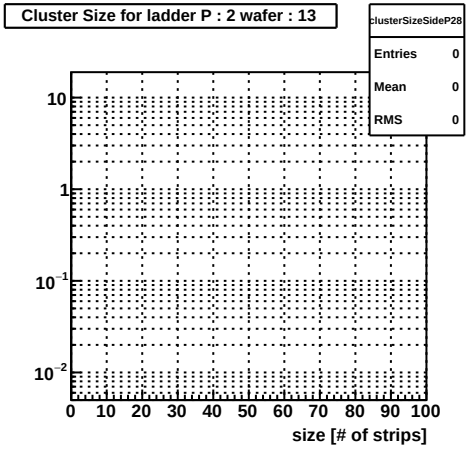

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

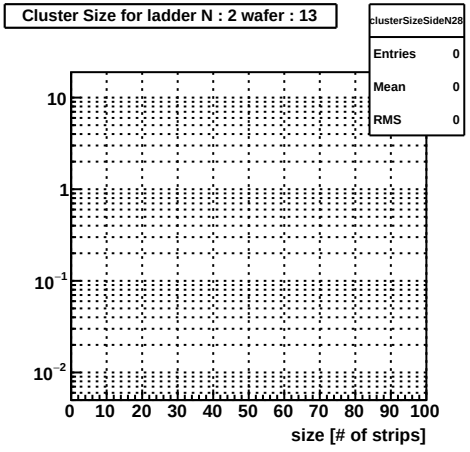

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

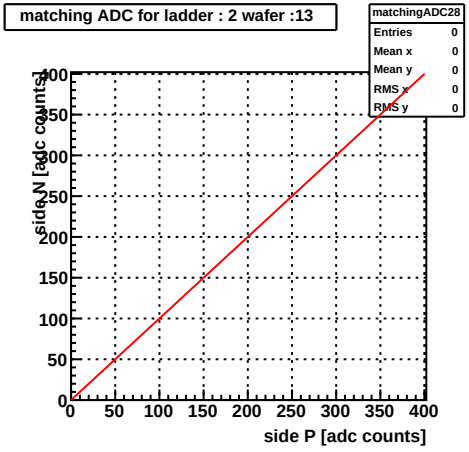

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

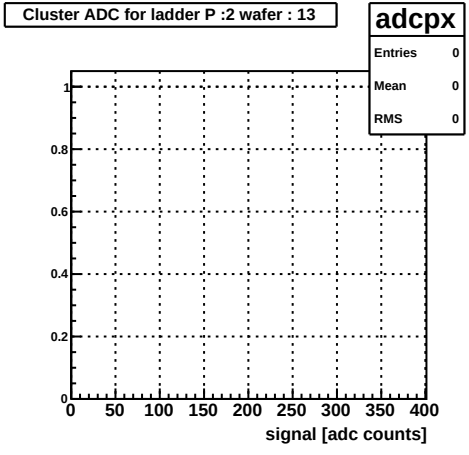

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

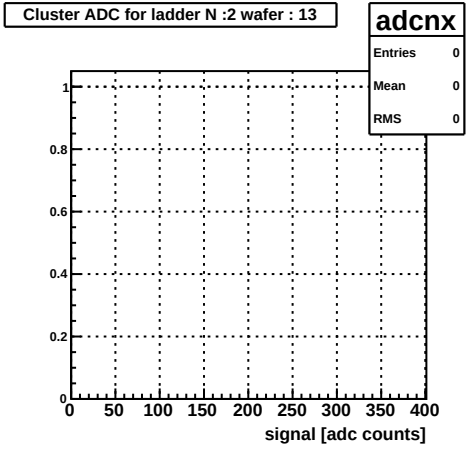

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

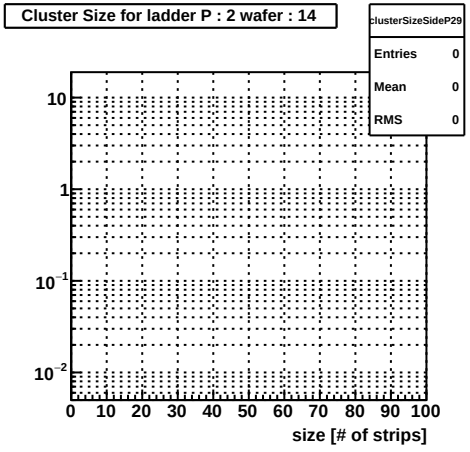

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

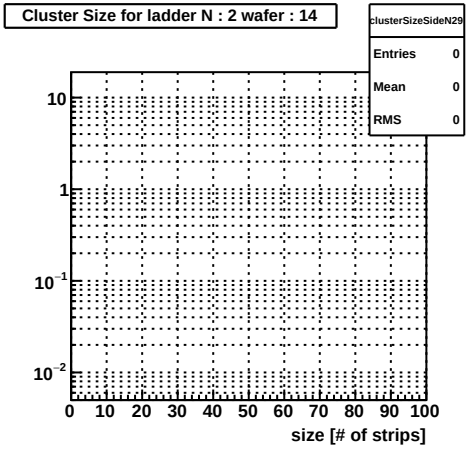

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

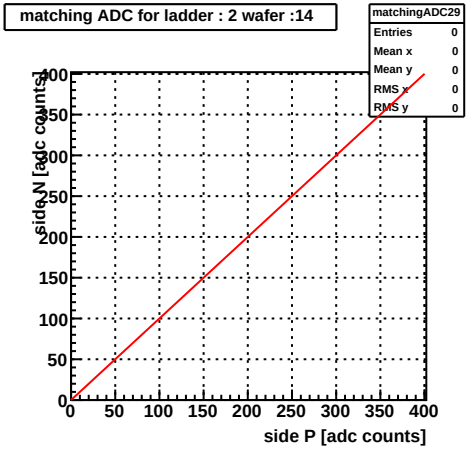

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

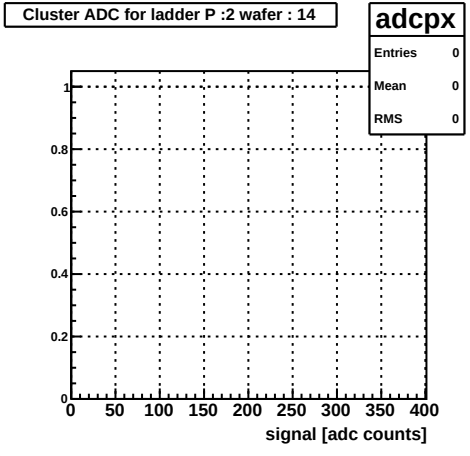

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

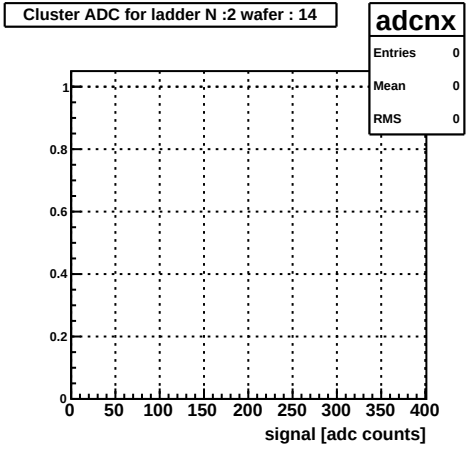

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

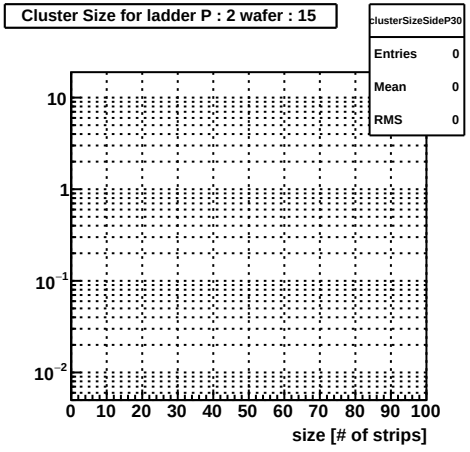

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

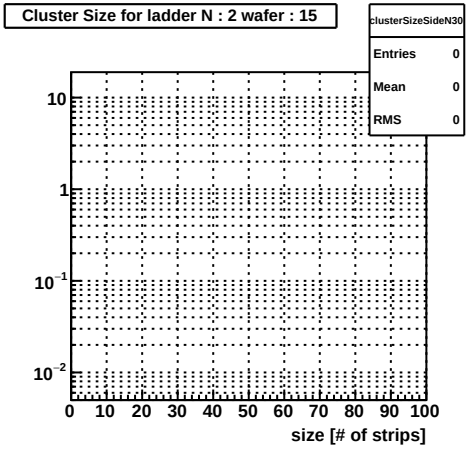

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

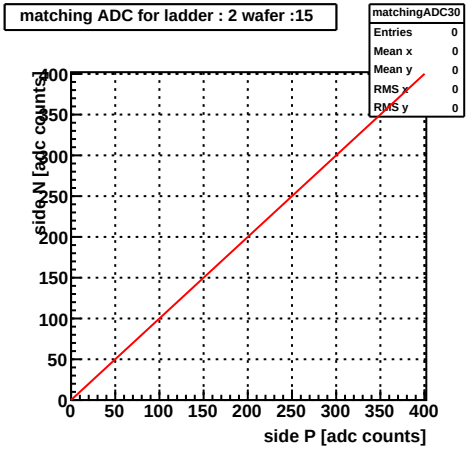

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

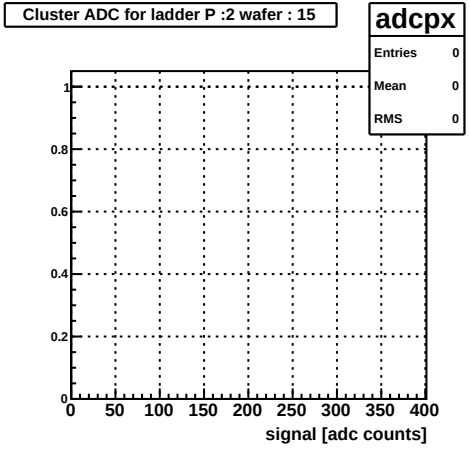

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

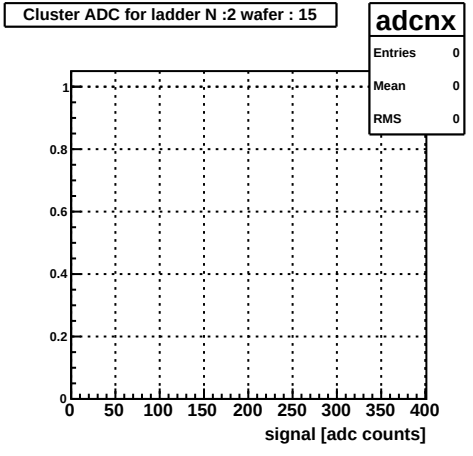

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

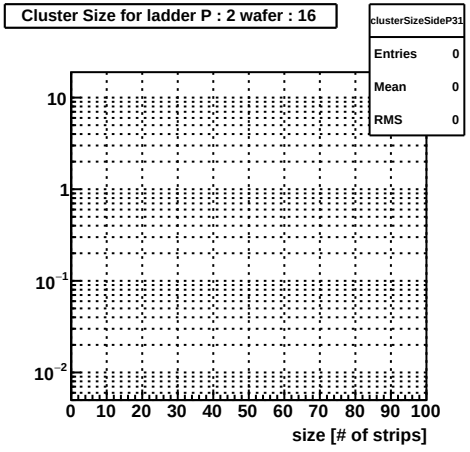

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

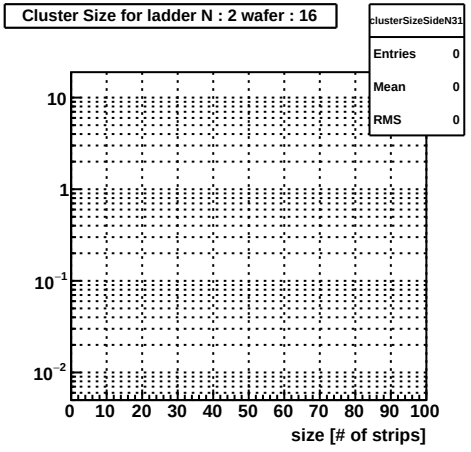

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

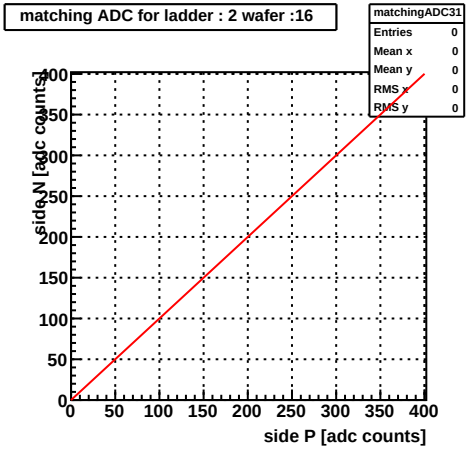

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

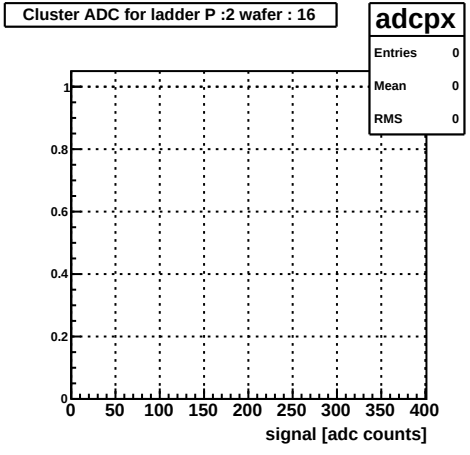

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

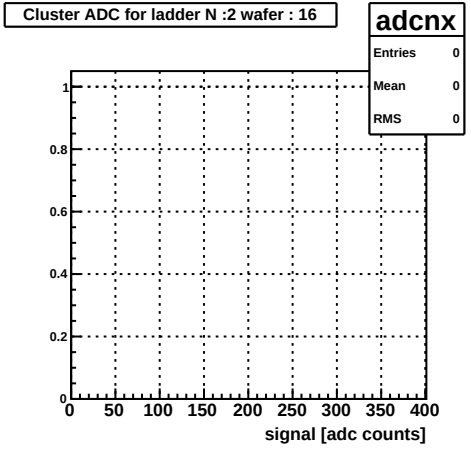

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

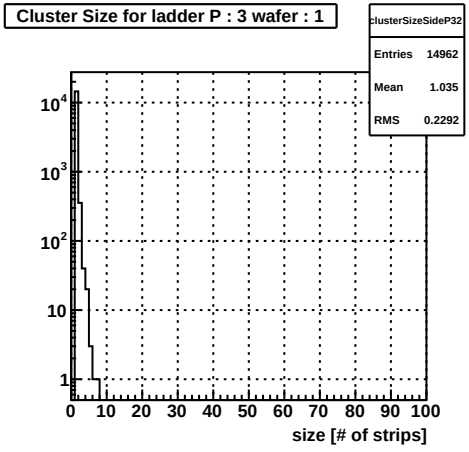

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

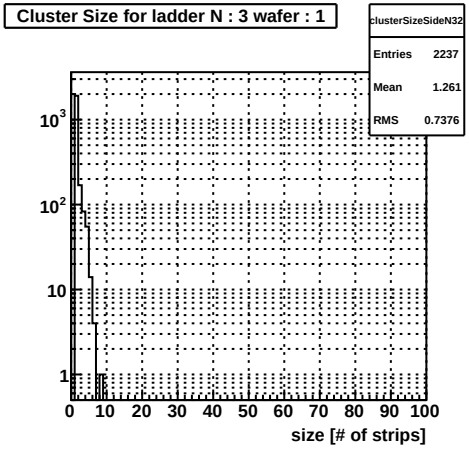

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

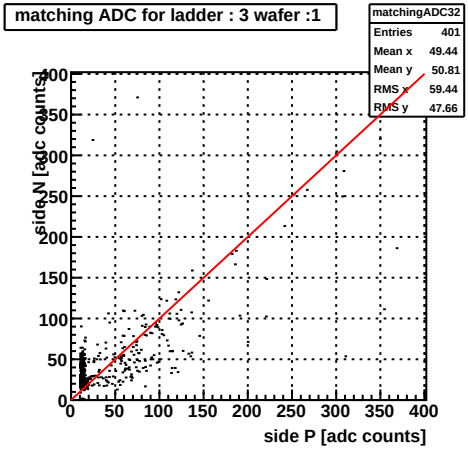

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

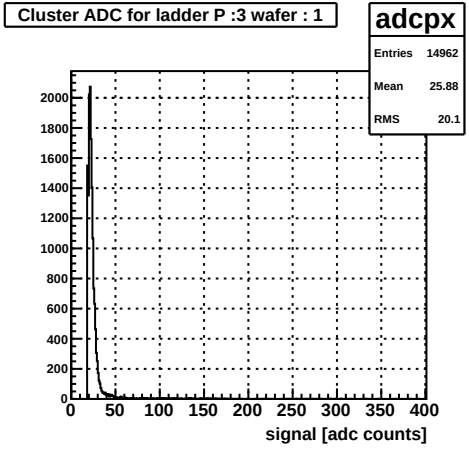

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

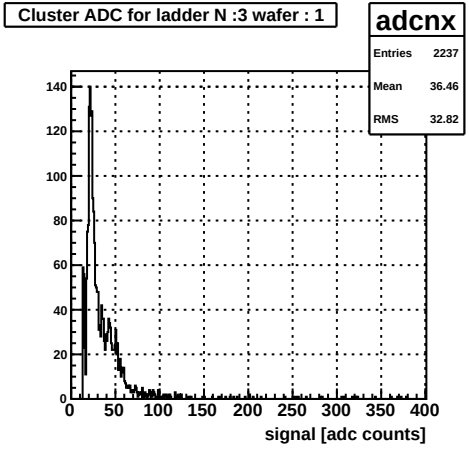

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

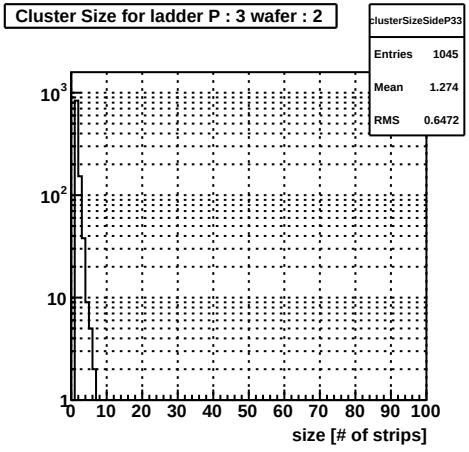

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14962
Mean 1.035
RMS 0.2292
size [# of strips]

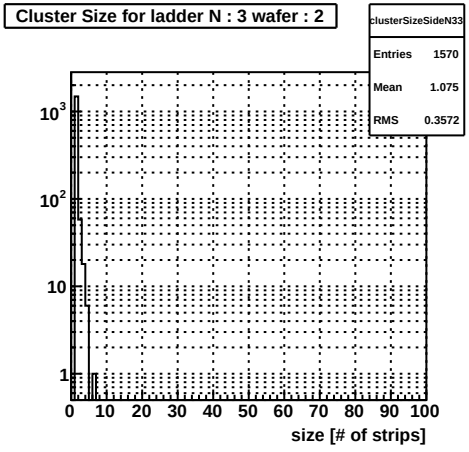

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2237
Mean 1.261
RMS 0.7376
size [# of strips]

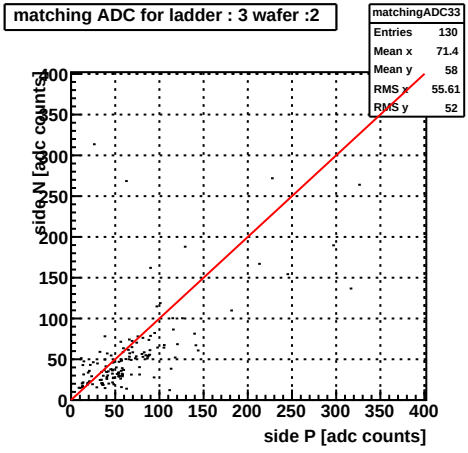

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 401
Mean x 49.44
Mean y 50.81
RMS x 59.44
RMS y 47.66
side N [adc counts]
side P [adc counts]

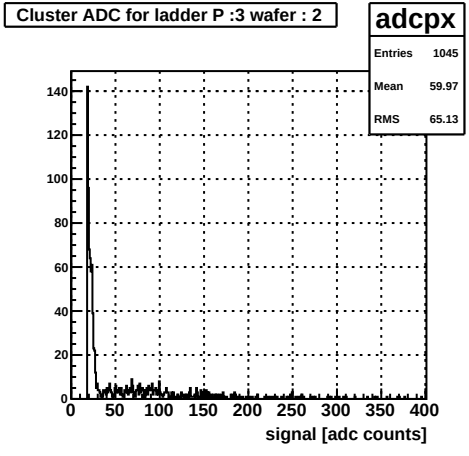

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14962
Mean 25.88
RMS 20.1
signal [adc counts]

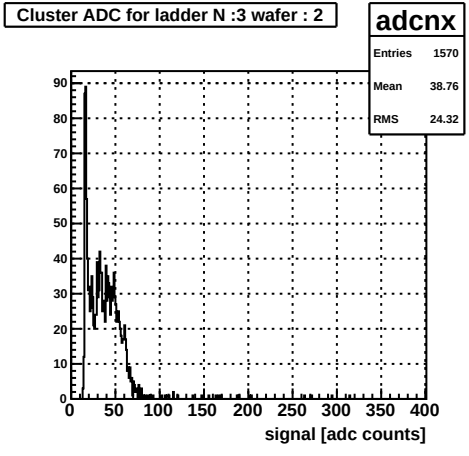

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2237
Mean 36.46
RMS 32.82
signal [adc counts]

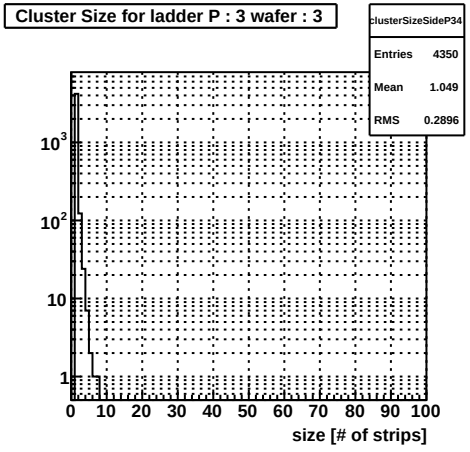

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1045
Mean 1.274
RMS 0.6472
size [# of strips]

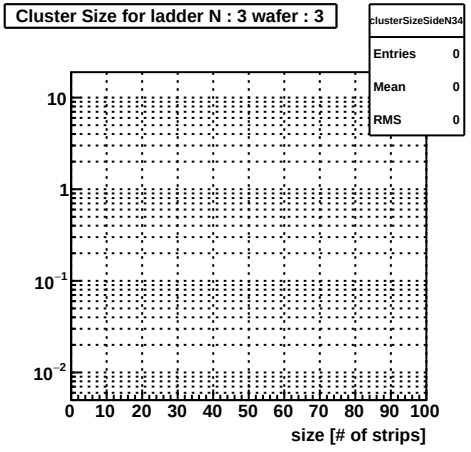

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1570
Mean 1.075
RMS 0.3572
size [# of strips]

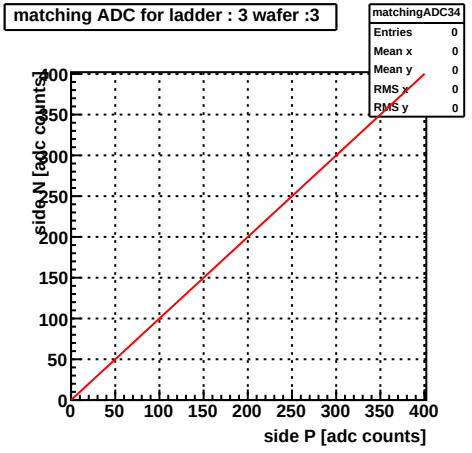

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 130
Mean x 71.4
Mean y 58
RMS x 55.61
RMS y 52
side N [adc counts]
side P [adc counts]

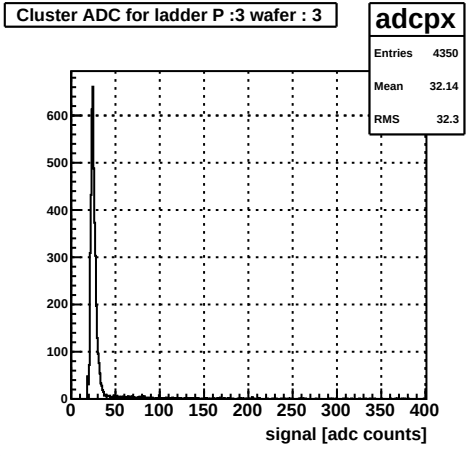

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1045
Mean 59.97
RMS 65.13
signal [adc counts]

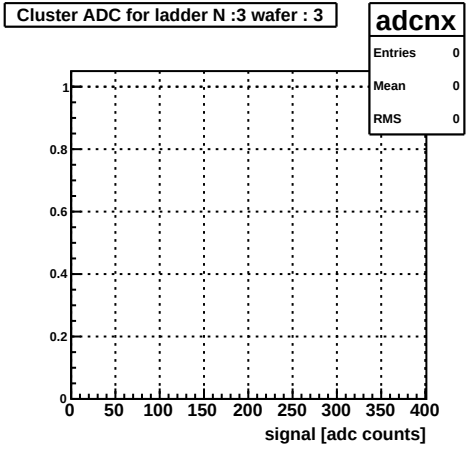

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1570
Mean 38.76
RMS 24.32
signal [adc counts]

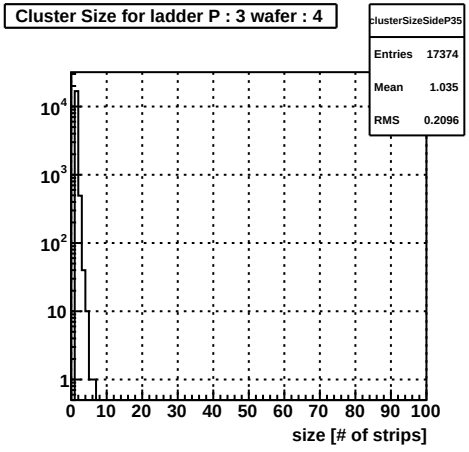

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 4350
Mean 1.049
RMS 0.2896
size [# of strips]

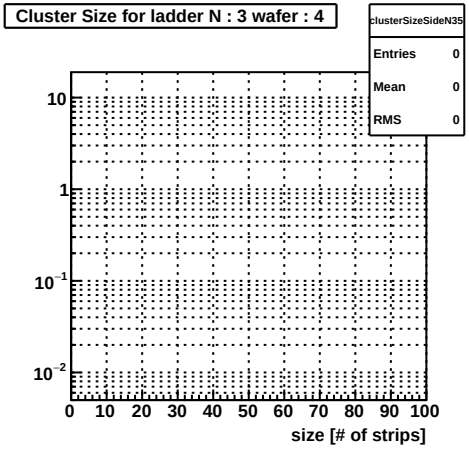

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

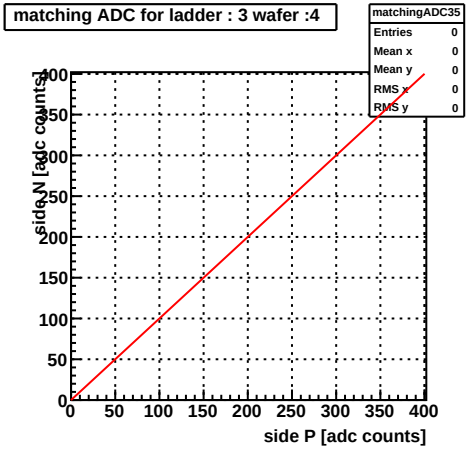

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

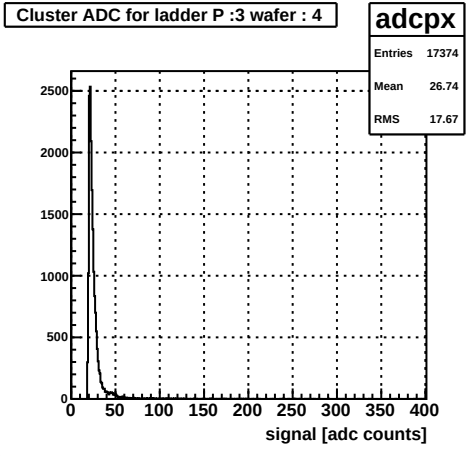

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 4350
Mean 32.14
RMS 32.3
signal [adc counts]

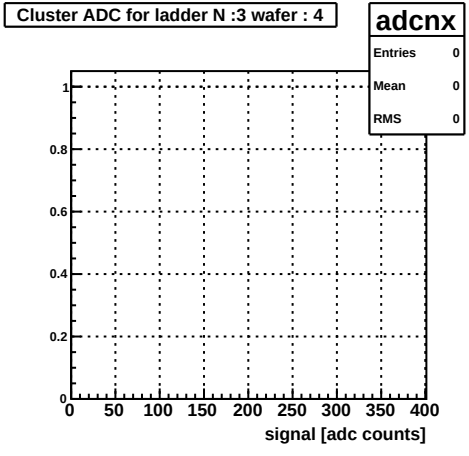

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

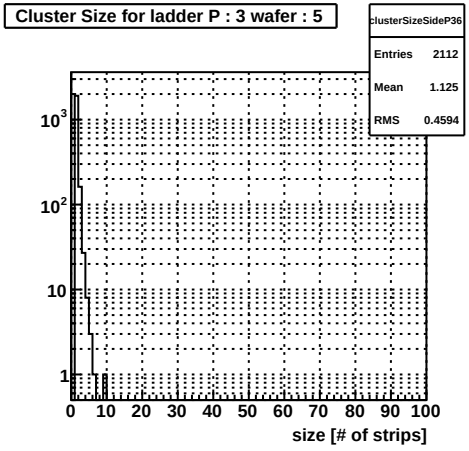

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17374
Mean 1.035
RMS 0.2096
size [# of strips]

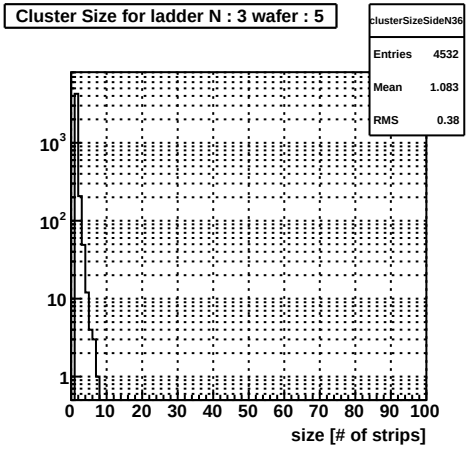

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

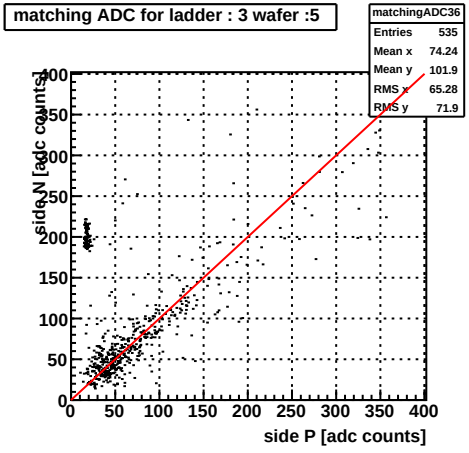

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

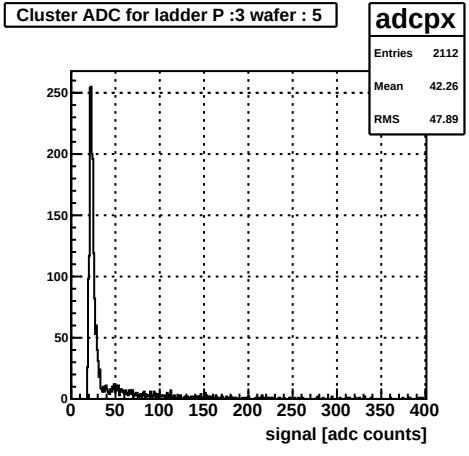

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17374
Mean 26.74
RMS 17.67
signal [adc counts]

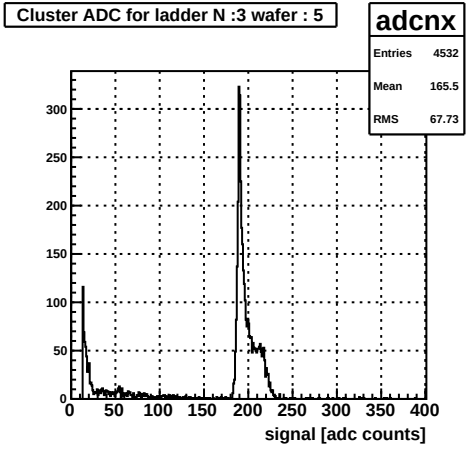

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

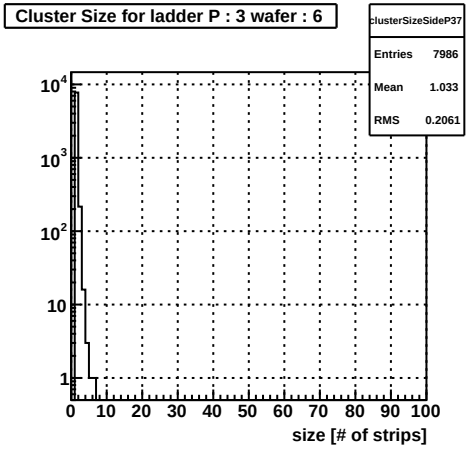

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2112
Mean 1.125
RMS 0.4594
size [# of strips]

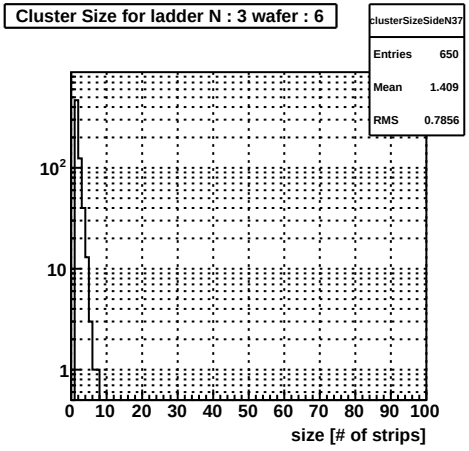

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4532
Mean 1.083
RMS 0.38
size [# of strips]

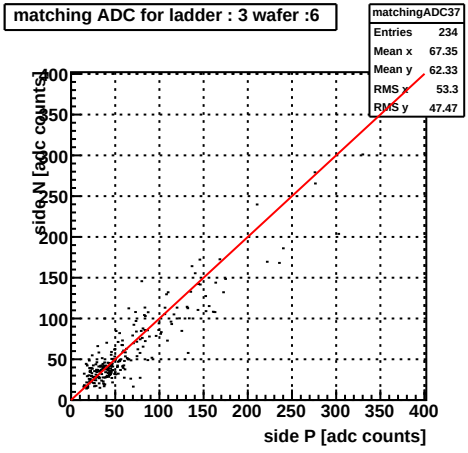

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 535
Mean x 74.24
Mean y 101.9
RMS x 65.28
RMS y 71.9
side N [adc counts]
side P [adc counts]

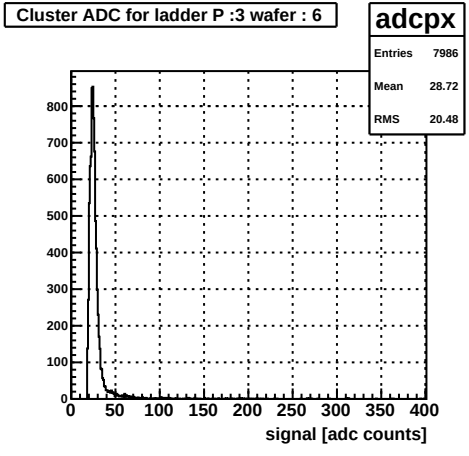

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2112
Mean 42.26
RMS 47.89
signal [adc counts]

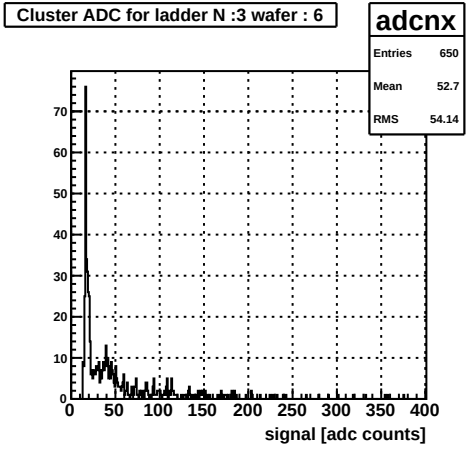

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4532
Mean 165.5
RMS 67.73
signal [adc counts]

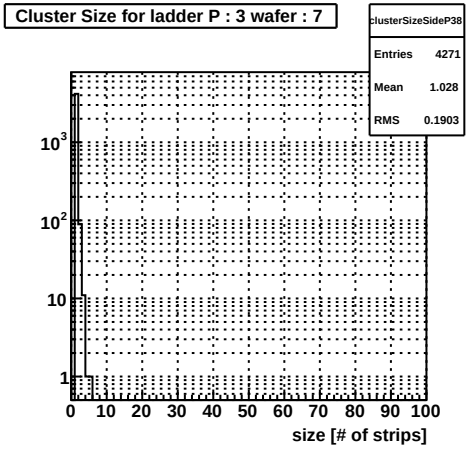

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7986
Mean 1.033
RMS 0.2061
size [# of strips]

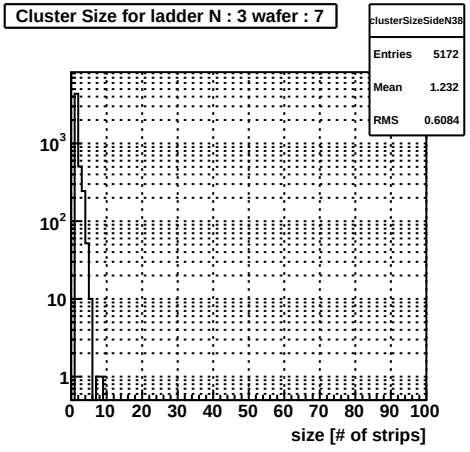

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 650
Mean 1.409
RMS 0.7856
size [# of strips]

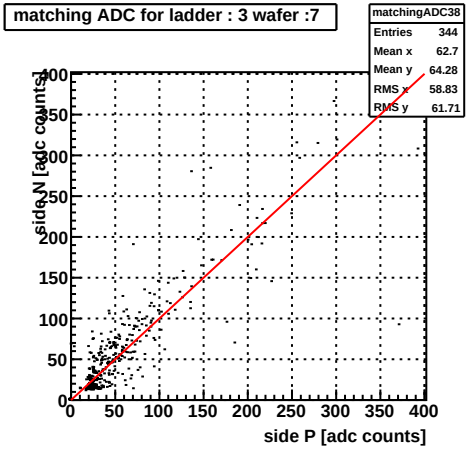

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 234
Mean x 67.35
Mean y 62.33
RMS x 53.3
RMS y 47.47
side N [adc counts]
side P [adc counts]

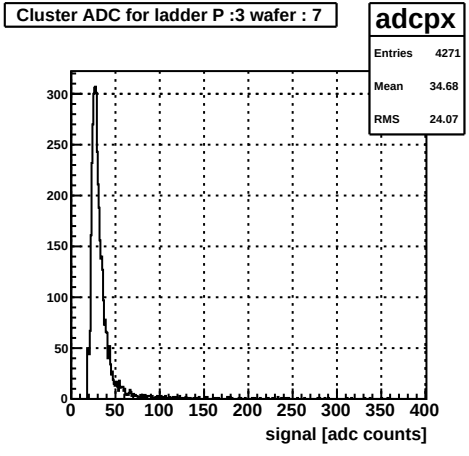

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7986
Mean 28.72
RMS 20.48
signal [adc counts]

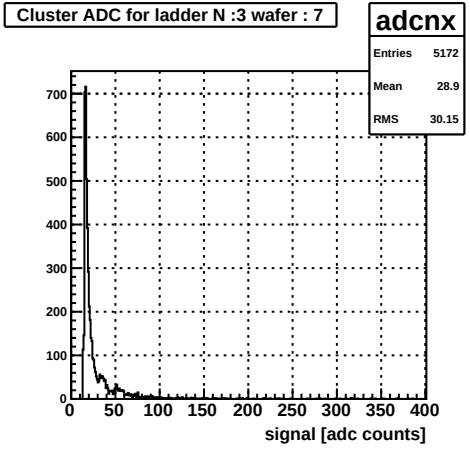

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 650
Mean 52.7
RMS 54.14
signal [adc counts]

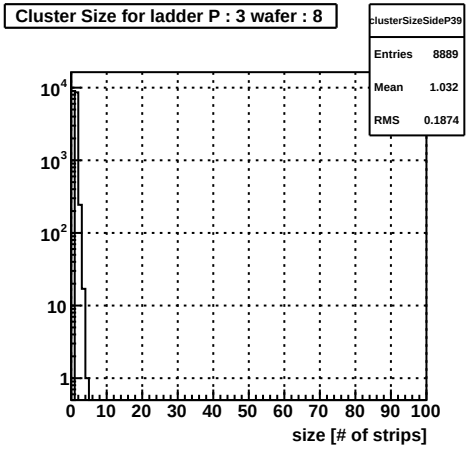

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 4271
Mean 1.028
RMS 0.1903
size [# of strips]

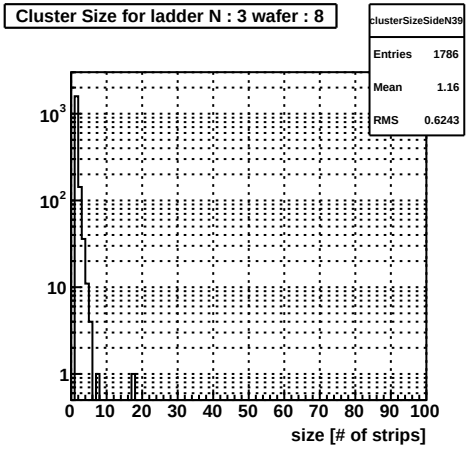

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 5172
Mean 1.232
RMS 0.6084
size [# of strips]

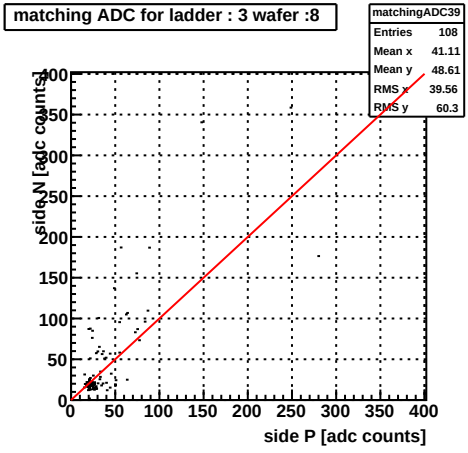

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 344
Mean x 62.7
Mean y 64.28
RMS x 58.83
RMS y 61.71
side N [adc counts]
side P [adc counts]

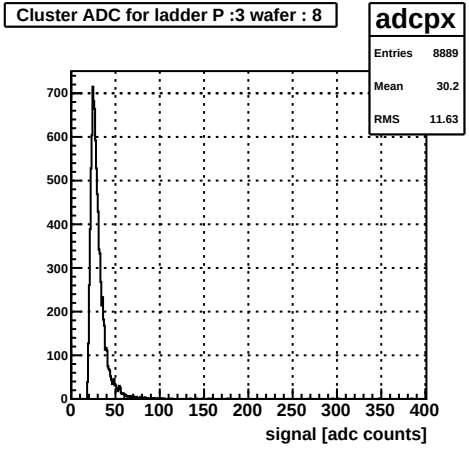

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 4271
Mean 34.68
RMS 24.07
signal [adc counts]

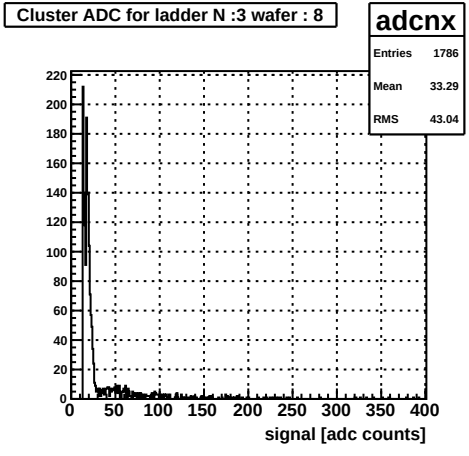

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 5172
Mean 28.9
RMS 30.15
signal [adc counts]

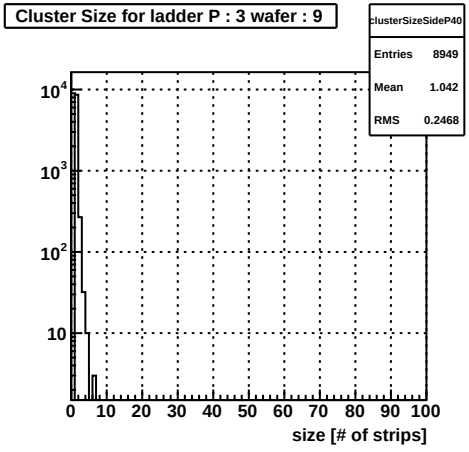

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8889
Mean 1.032
RMS 0.1874
size [# of strips]

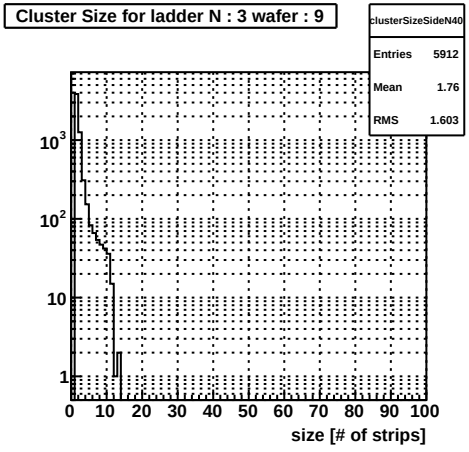

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1786
Mean 1.16
RMS 0.6243
size [# of strips]

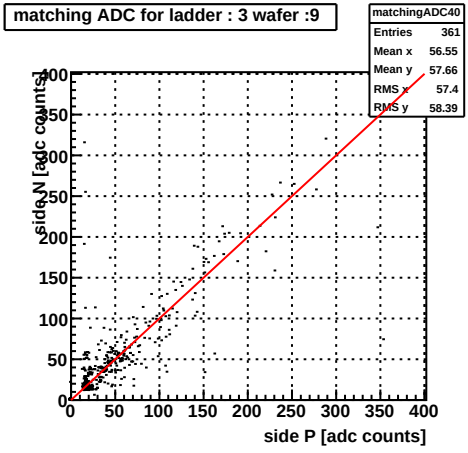

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 108
Mean x 41.11
Mean y 48.61
RMS x 39.56
RMS y 60.3
side N [adc counts]
side P [adc counts]

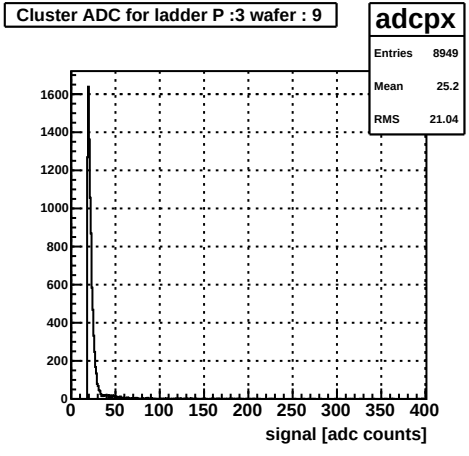

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8889
Mean 30.2
RMS 11.63
signal [adc counts]

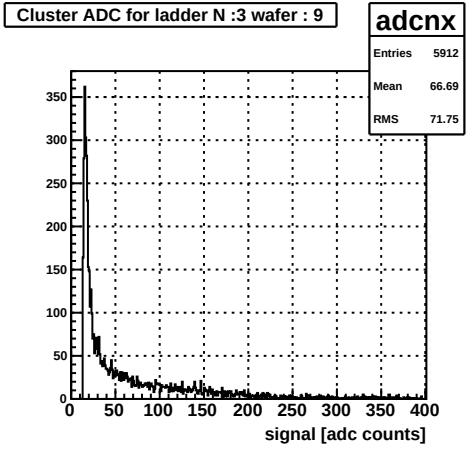

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1786
Mean 33.29
RMS 43.04
signal [adc counts]

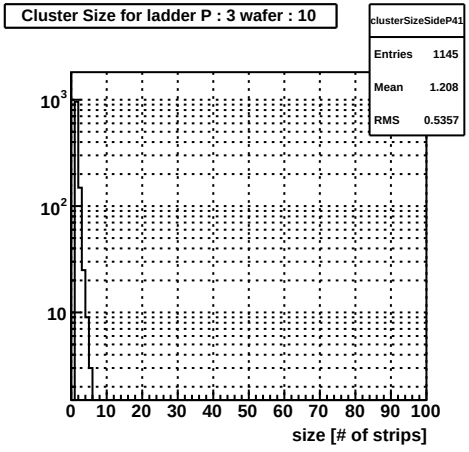

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8949
Mean 1.042
RMS 0.2468
size [# of strips]

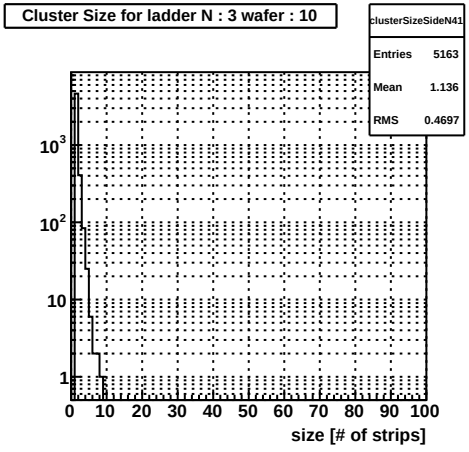

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 5912
Mean 1.76
RMS 1.603
size [# of strips]

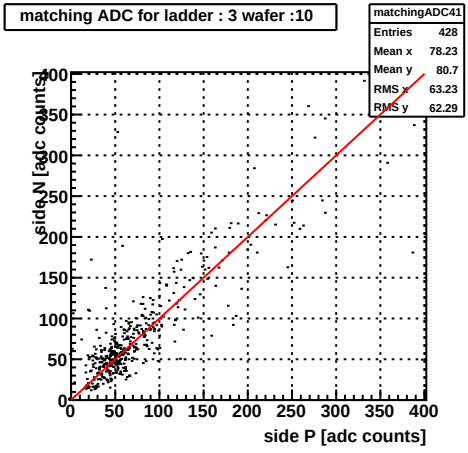

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 361
Mean x 56.55
Mean y 57.66
RMS x 57.4
RMS y 58.39
side N [adc counts]
side P [adc counts]

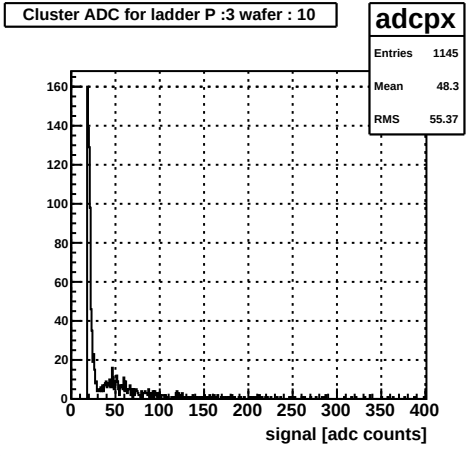

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8949
Mean 25.2
RMS 21.04
signal [adc counts]

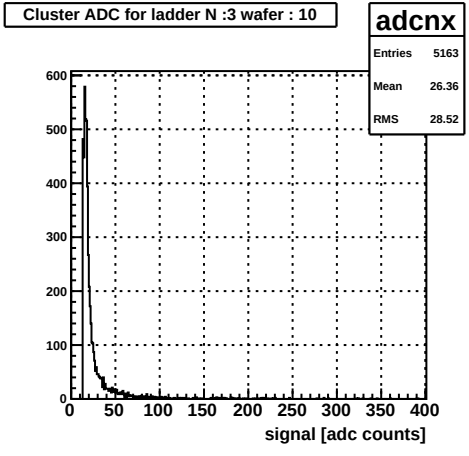

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 5912
Mean 66.69
RMS 71.75
signal [adc counts]

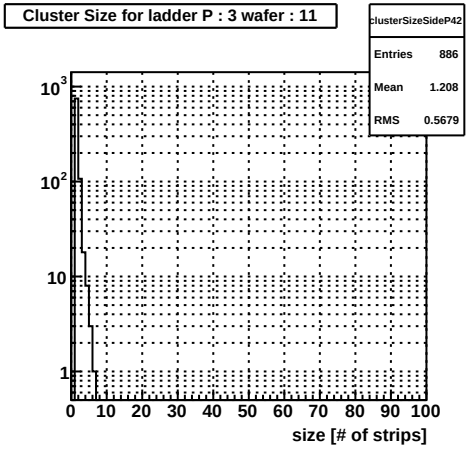

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1145
Mean 1.208
RMS 0.5357
size [# of strips]

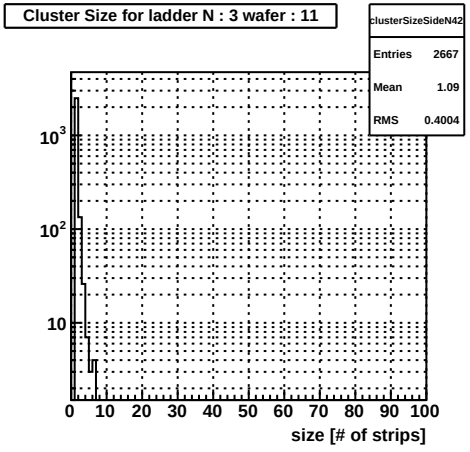

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5163
Mean 1.136
RMS 0.4697
size [# of strips]

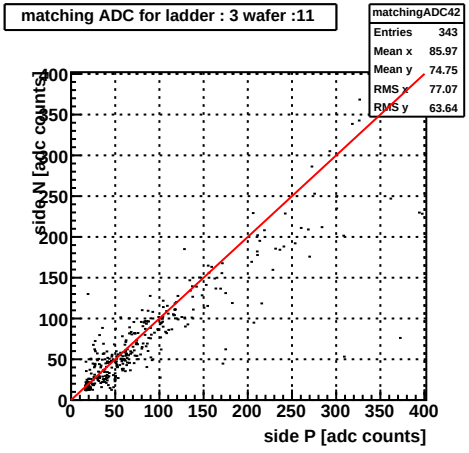

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 428
Mean x 78.23
Mean y 80.7
RMS x 63.23
RMS y 62.29
side N [adc counts]
side P [adc counts]

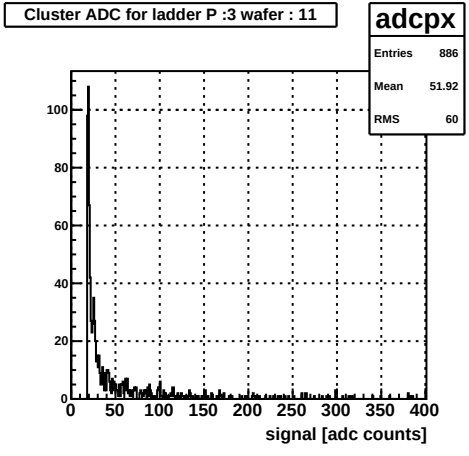

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1145
Mean 48.3
RMS 55.37
signal [adc counts]

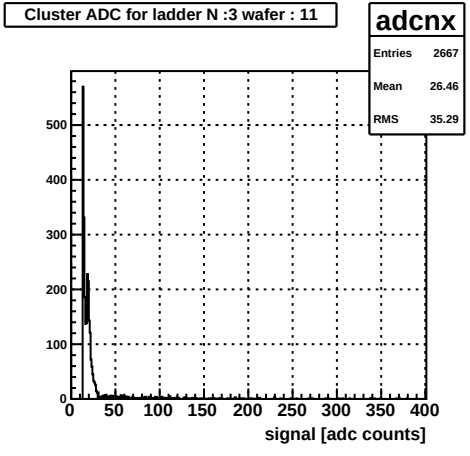

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5163
Mean 26.36
RMS 28.52
signal [adc counts]

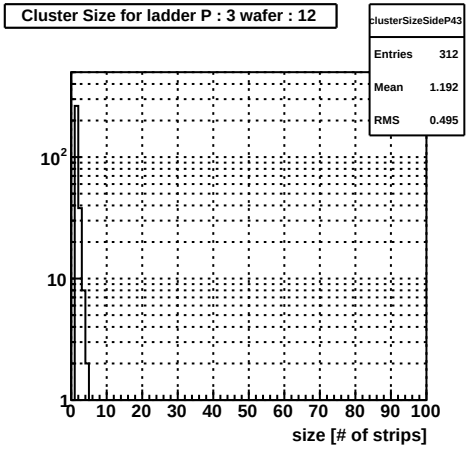

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 886
Mean 1.208
RMS 0.5679
size [# of strips]

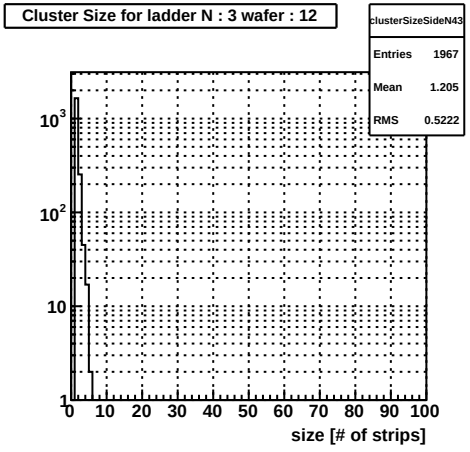

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2667
Mean 1.09
RMS 0.4004
size [# of strips]

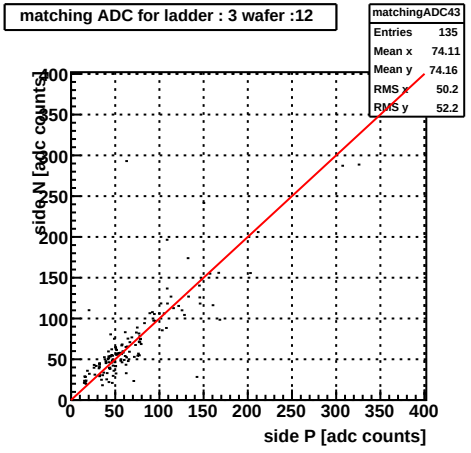

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 343
Mean x 85.97
Mean y 74.75
RMS x 77.07
RMS y 63.64
side N [adc counts]
side P [adc counts]

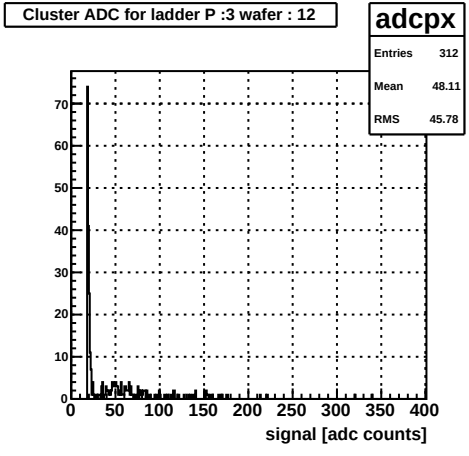

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 886
Mean 51.92
RMS 60
signal [adc counts]

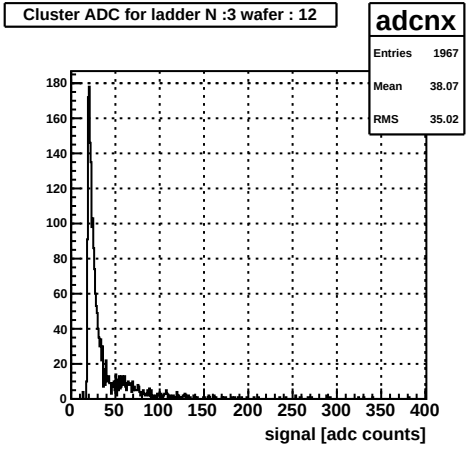

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2667
Mean 26.46
RMS 35.29
signal [adc counts]

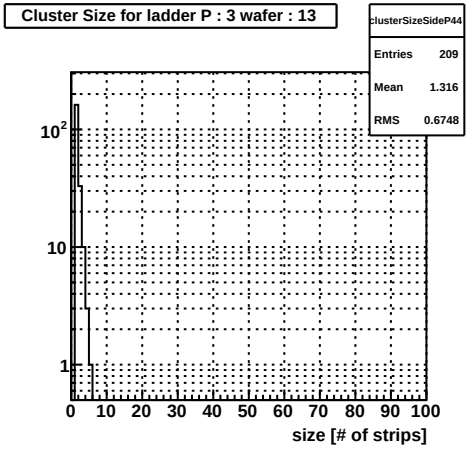

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 312
Mean 1.192
RMS 0.495
size [# of strips]

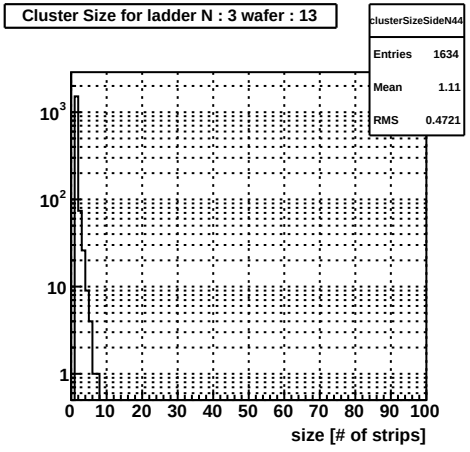

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1967
Mean 1.205
RMS 0.5222
size [# of strips]

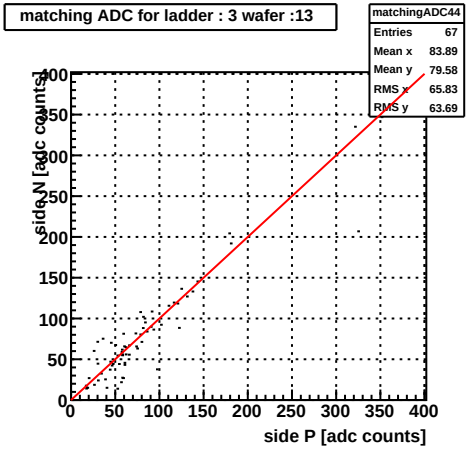

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 135
Mean x 74.11
Mean y 74.16
RMS x 50.2
RMS y 52.2
side N [adc counts]
side P [adc counts]

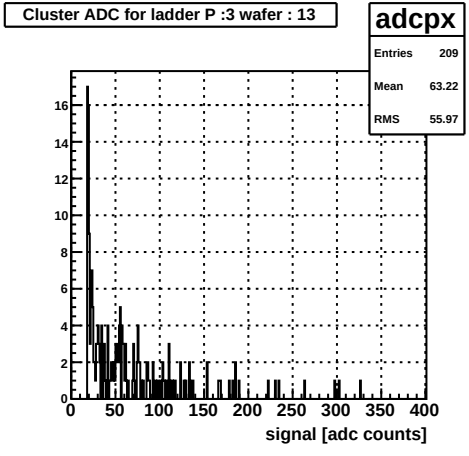

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 312
Mean 48.11
RMS 45.78
signal [adc counts]

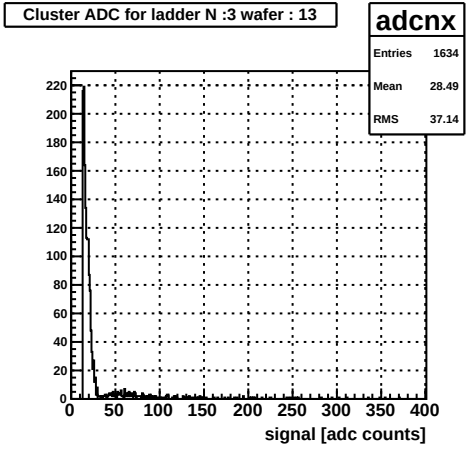

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1967
Mean 38.07
RMS 35.02
signal [adc counts]

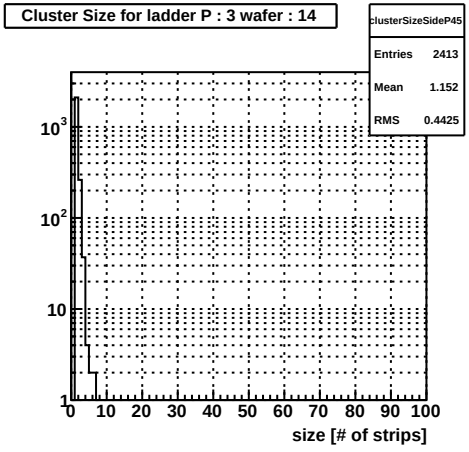

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 209
Mean 1.316
RMS 0.6748
size [# of strips]

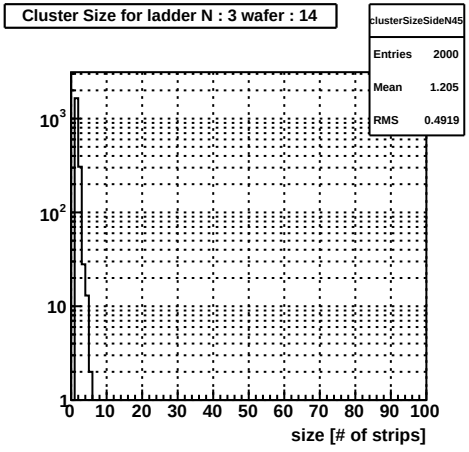

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1634
Mean 1.11
RMS 0.4721
size [# of strips]

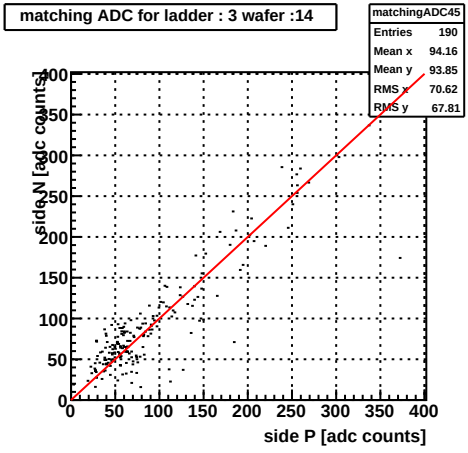

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 67
Mean x 83.89
Mean y 79.58
RMS x 65.83
RMS y 63.69
side N [adc counts]
side P [adc counts]

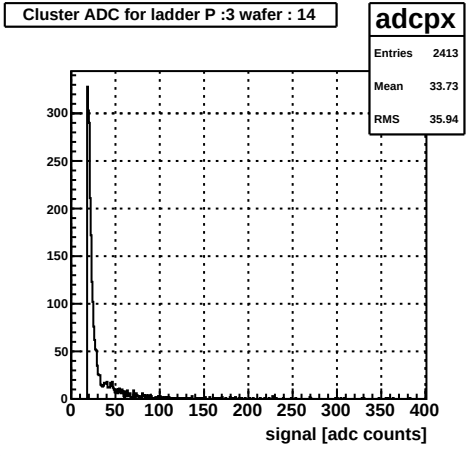

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 209
Mean 63.22
RMS 55.97
signal [adc counts]

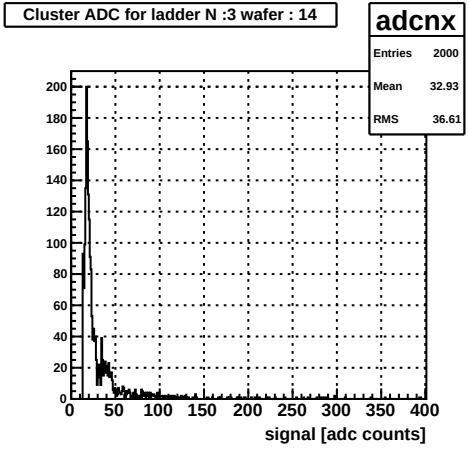

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1634
Mean 28.49
RMS 37.14
signal [adc counts]

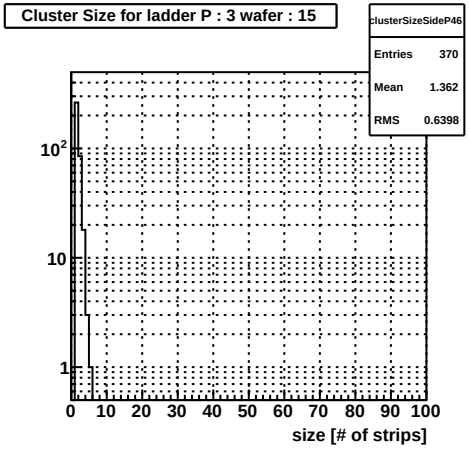

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2413
Mean 1.152
RMS 0.4425
size [# of strips]

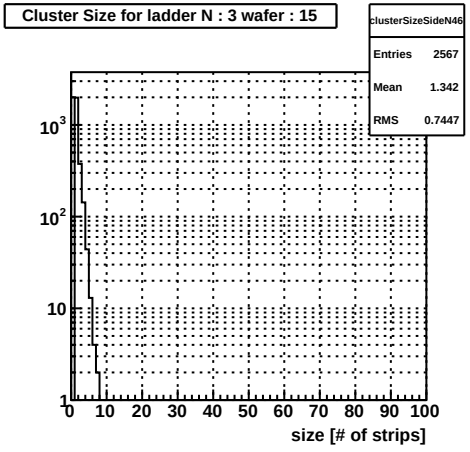

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2000
Mean 1.205
RMS 0.4919
size [# of strips]

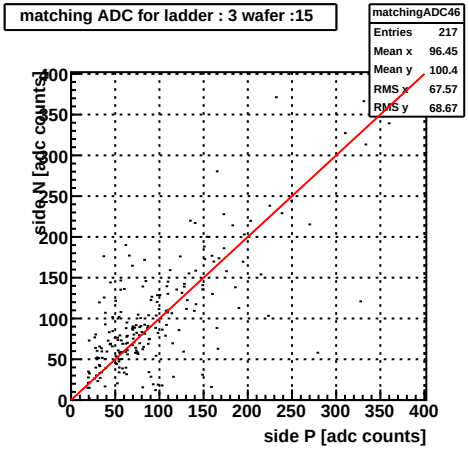

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 190
Mean x 94.16
Mean y 93.85
RMS x 70.62
RMS y 67.81
side N [adc counts]
side P [adc counts]

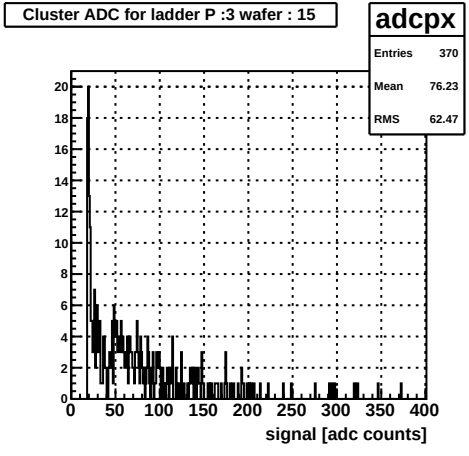

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2413
Mean 33.73
RMS 35.94
signal [adc counts]

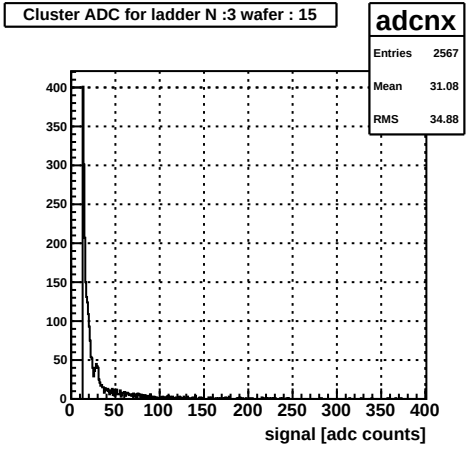

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2000
Mean 32.93
RMS 36.61
signal [adc counts]

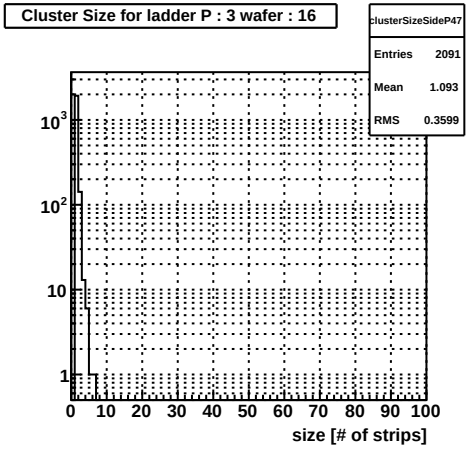

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 370
Mean 1.362
RMS 0.6398
size [# of strips]

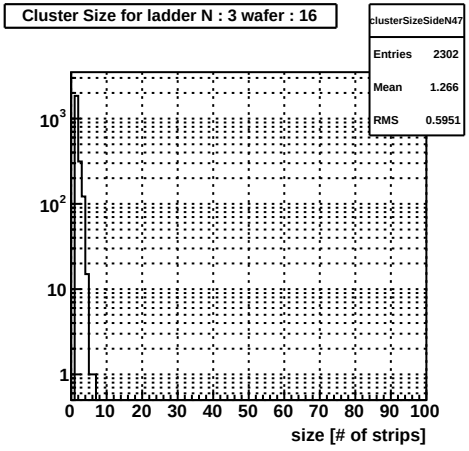

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2567
Mean 1.342
RMS 0.7447
size [# of strips]

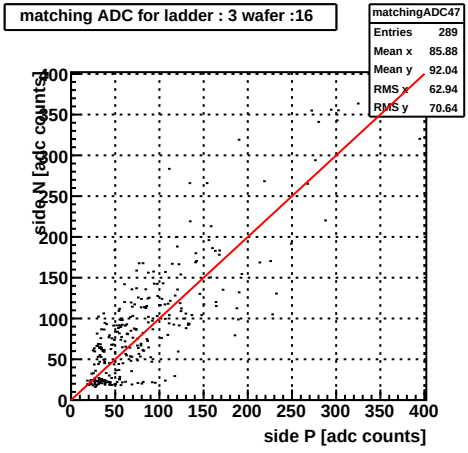

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 217
Mean x 96.45
Mean y 100.4
RMS x 67.57
RMS y 68.67
side N [adc counts]
side P [adc counts]

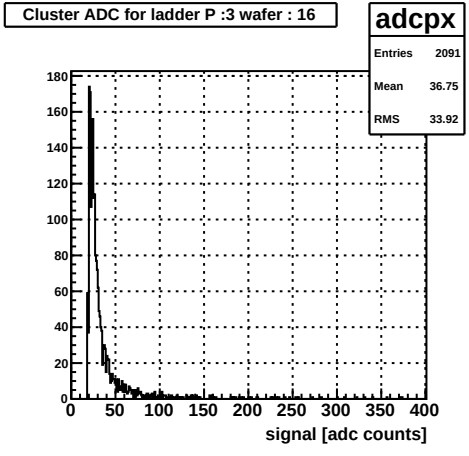

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 370
Mean 76.23
RMS 62.47
signal [adc counts]

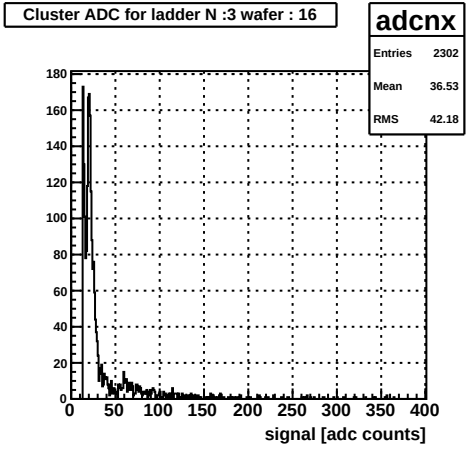

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2567
Mean 31.08
RMS 34.88
signal [adc counts]

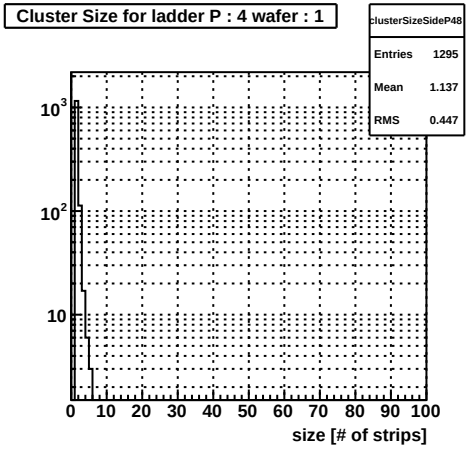

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2091
Mean 1.093
RMS 0.3599
size [# of strips]

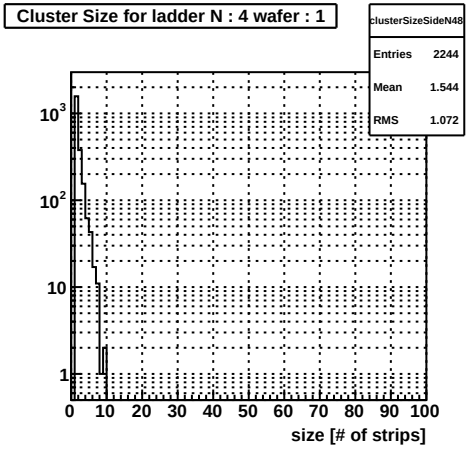

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2302
Mean 1.266
RMS 0.5951
size [# of strips]

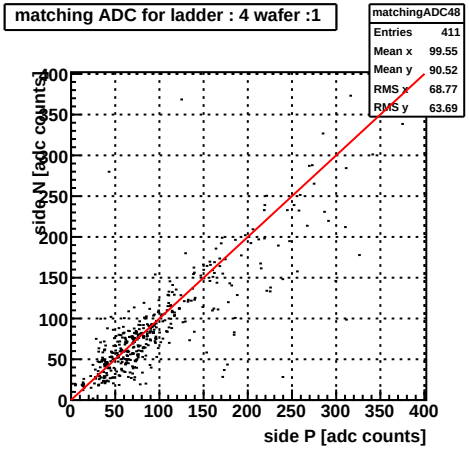

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 289
Mean x 85.88
Mean y 92.04
RMS x 62.94
RMS y 70.64
side N [adc counts]
side P [adc counts]

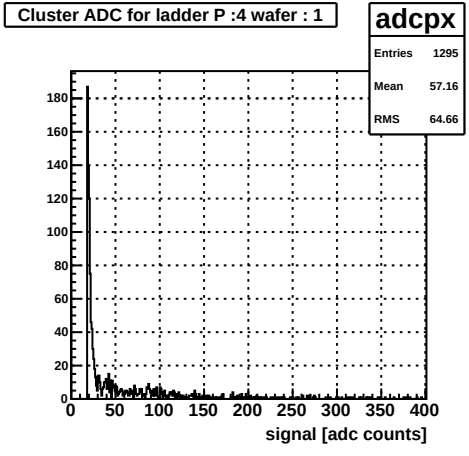

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2091
Mean 36.75
RMS 33.92
signal [adc counts]

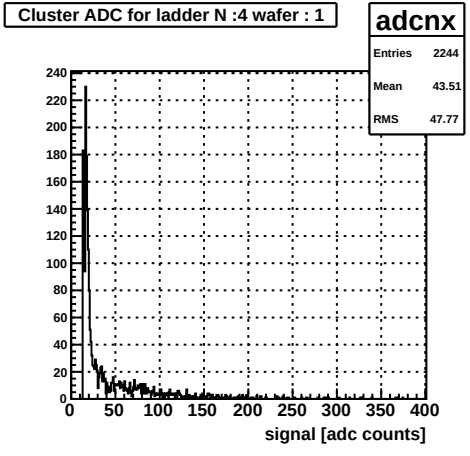

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2302
Mean 36.53
RMS 42.18
signal [adc counts]

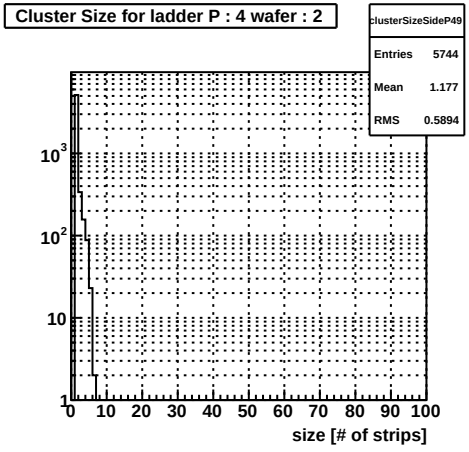

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1295
Mean 1.137
RMS 0.447
size [# of strips]

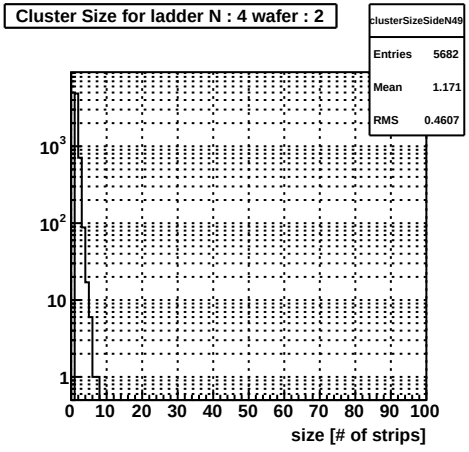

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2244
Mean 1.544
RMS 1.072
size [# of strips]

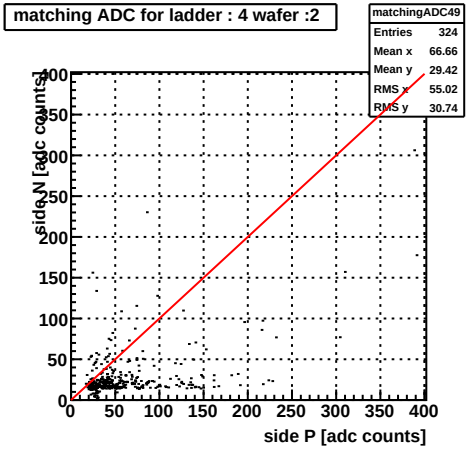

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 411
Mean x 99.55
Mean y 90.52
RMS x 68.77
RMS y 63.69
side N [adc counts]
side P [adc counts]

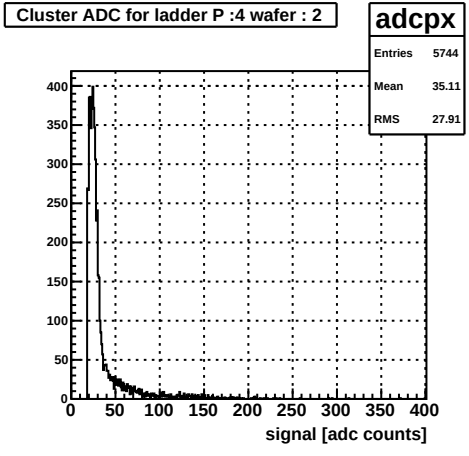

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1295
Mean 57.16
RMS 64.66
signal [adc counts]

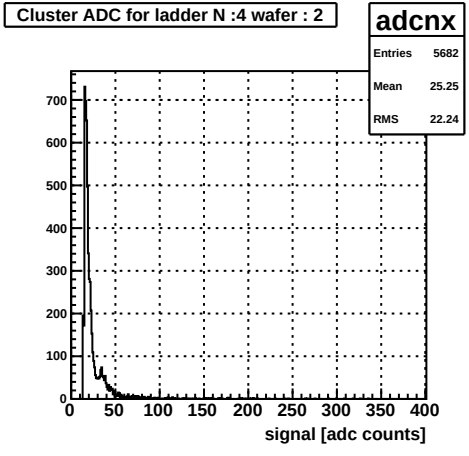

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2244
Mean 43.51
RMS 47.77
signal [adc counts]

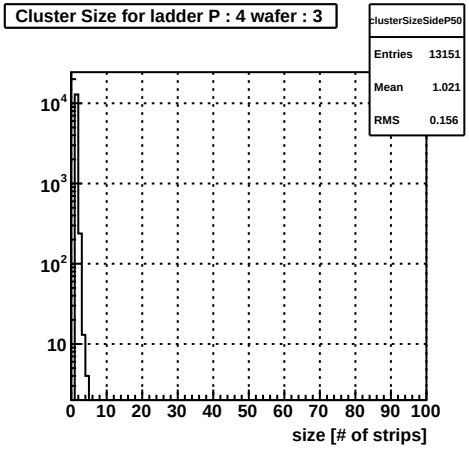

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5744
Mean 1.177
RMS 0.5894
size [# of strips]

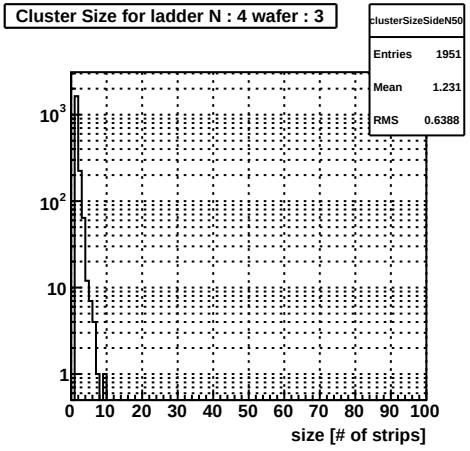

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 5682
Mean 1.171
RMS 0.4607
size [# of strips]

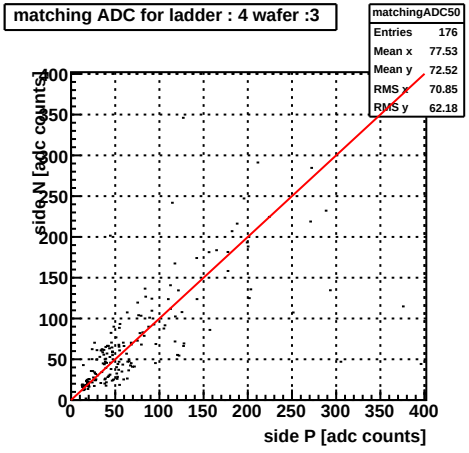

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 324
Mean x 66.66
Mean y 29.42
RMS x 55.02
RMS y 30.74
side N [adc counts]
side P [adc counts]

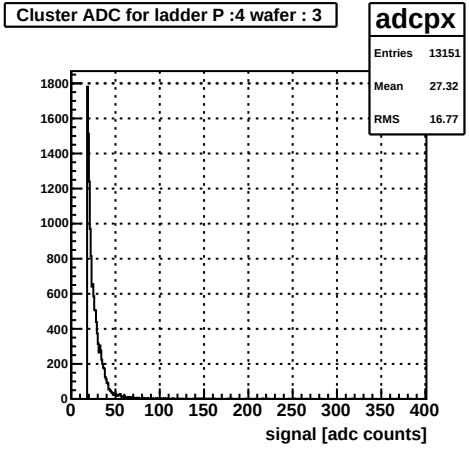

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5744
Mean 35.11
RMS 27.91
signal [adc counts]

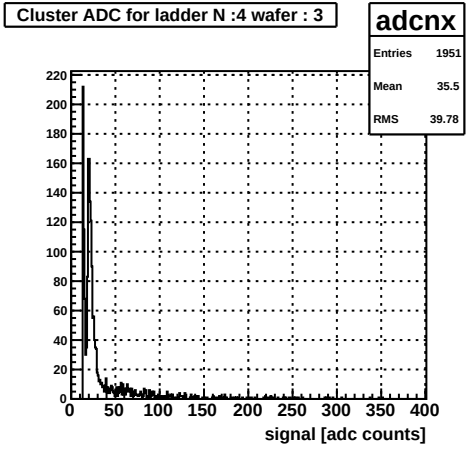

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 5682
Mean 25.25
RMS 22.24
signal [adc counts]

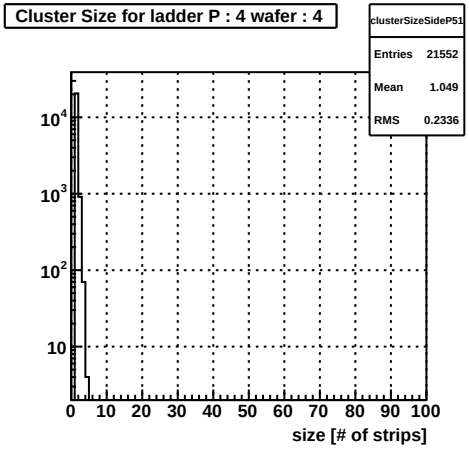

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13151
Mean 1.021
RMS 0.156
size [# of strips]

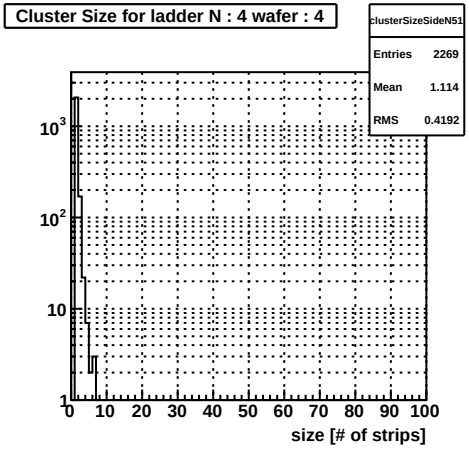

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1951
Mean 1.231
RMS 0.6388
size [# of strips]

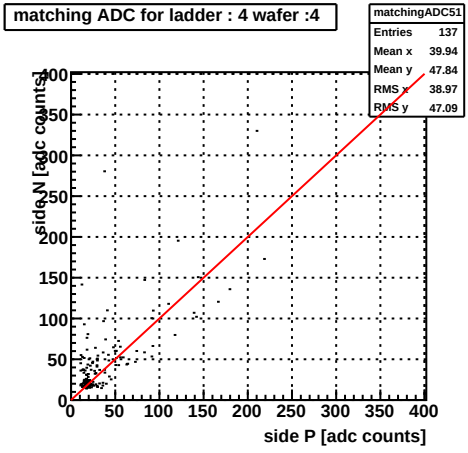

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 176
Mean x 77.53
Mean y 72.52
RMS x 70.85
RMS y 62.18
side N [adc counts]
side P [adc counts]

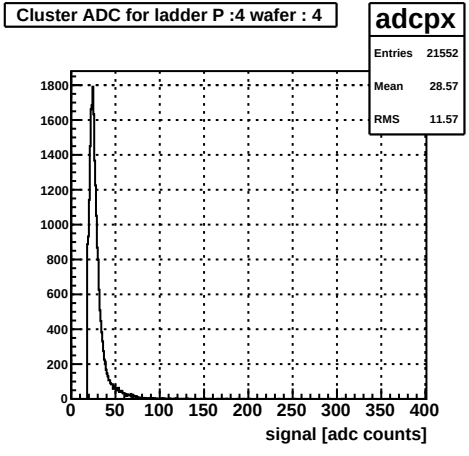

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13151
Mean 27.32
RMS 16.77
signal [adc counts]

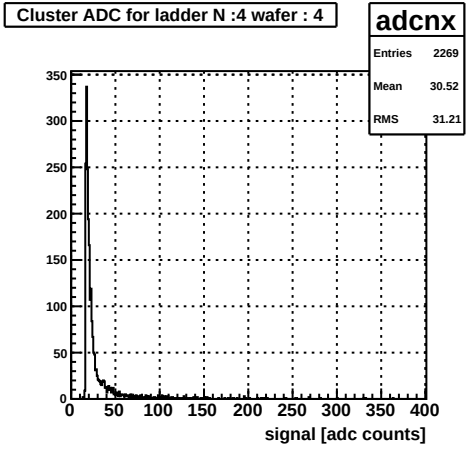

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1951
Mean 35.5
RMS 39.78
signal [adc counts]

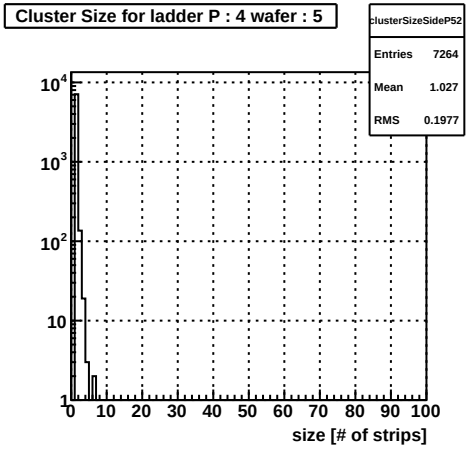

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 21552
Mean 1.049
RMS 0.2336
size [# of strips]

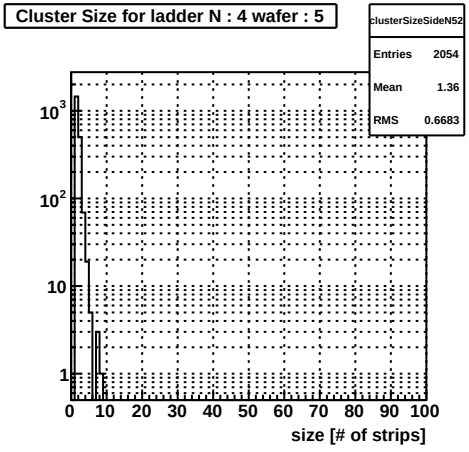

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2269
Mean 1.114
RMS 0.4192
size [# of strips]

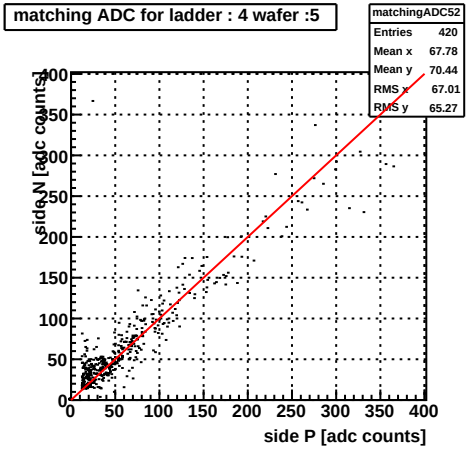

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 137
Mean x 39.94
Mean y 47.84
RMS x 38.97
RMS y 47.09
side N [adc counts]
side P [adc counts]

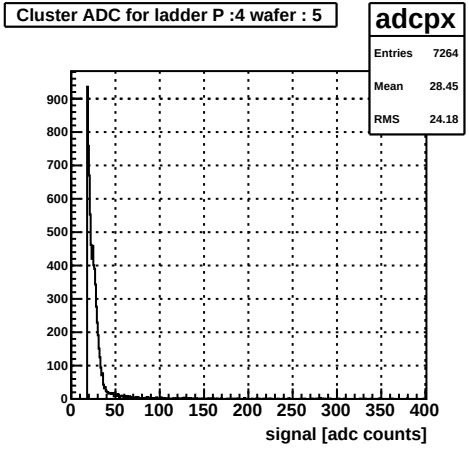

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 21552
Mean 28.57
RMS 11.57
signal [adc counts]

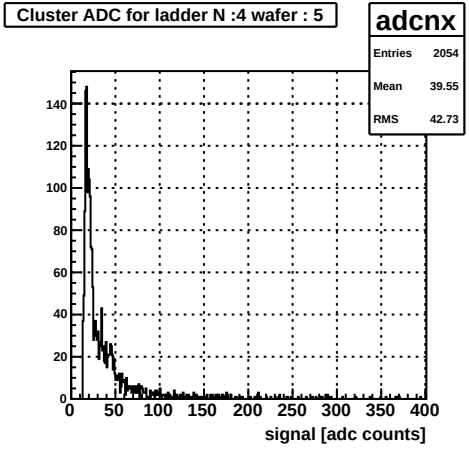

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2269
Mean 30.52
RMS 31.21
signal [adc counts]

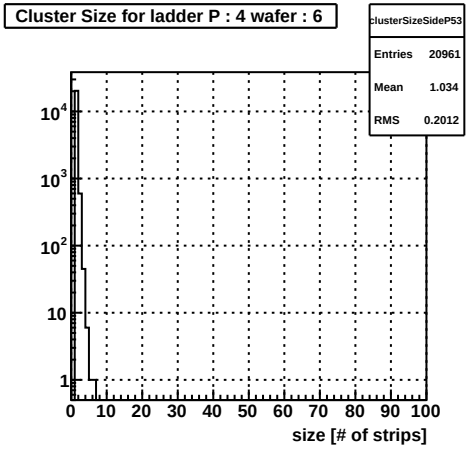

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7264
Mean 1.027
RMS 0.1977
size [# of strips]

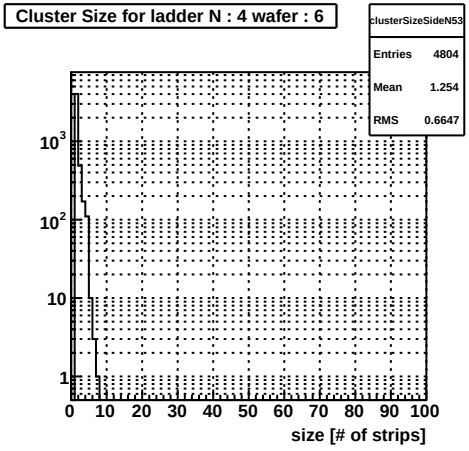

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2054
Mean 1.36
RMS 0.6683
size [# of strips]

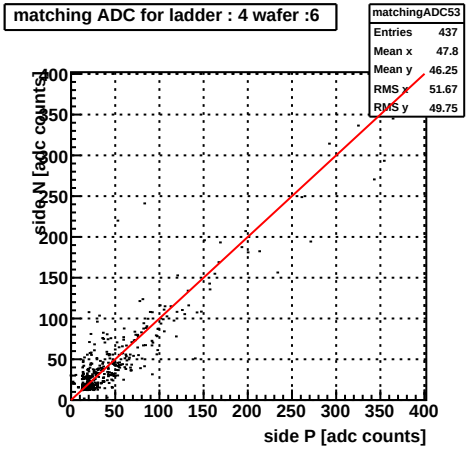

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 420
Mean x 67.78
Mean y 70.44
RMS x 67.01
RMS y 65.27
side N [adc counts]
side P [adc counts]

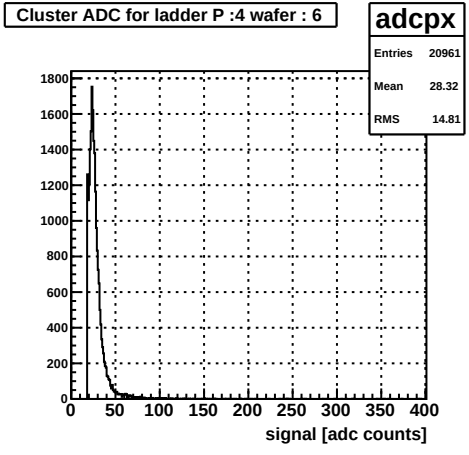

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7264
Mean 28.45
RMS 24.18
signal [adc counts]

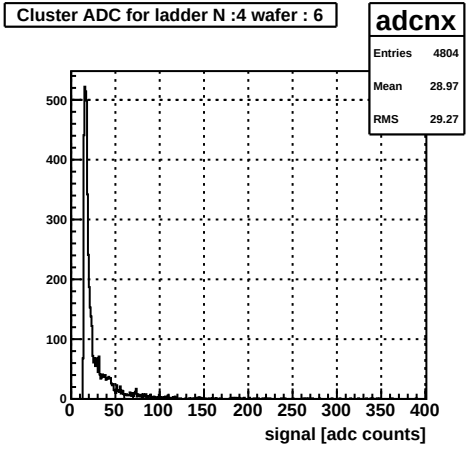

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2054
Mean 39.55
RMS 42.73
signal [adc counts]

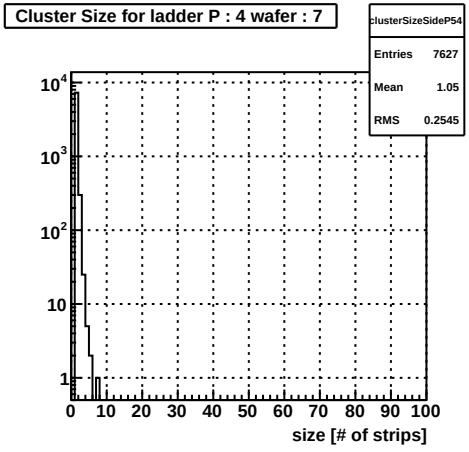

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 20961
Mean 1.034
RMS 0.2012
size [# of strips]

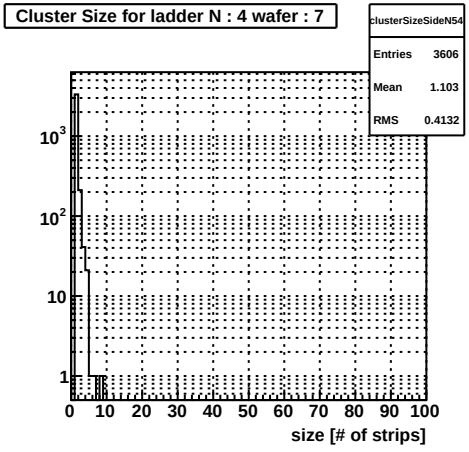

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 4804
Mean 1.254
RMS 0.6647
size [# of strips]

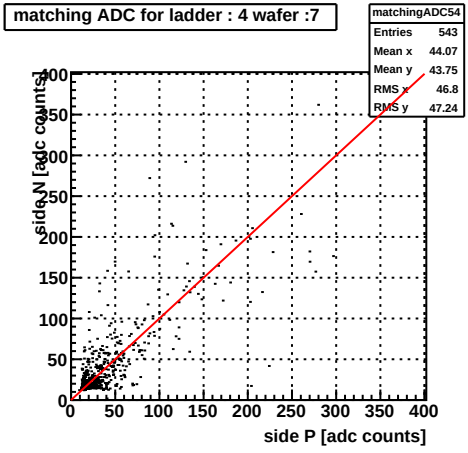

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 437
Mean x 47.8
Mean y 46.25
RMS x 51.67
RMS y 49.75
side N [adc counts]
side P [adc counts]

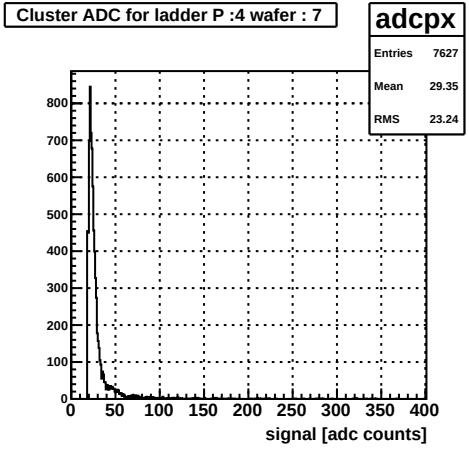

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 20961
Mean 28.32
RMS 14.81
signal [adc counts]

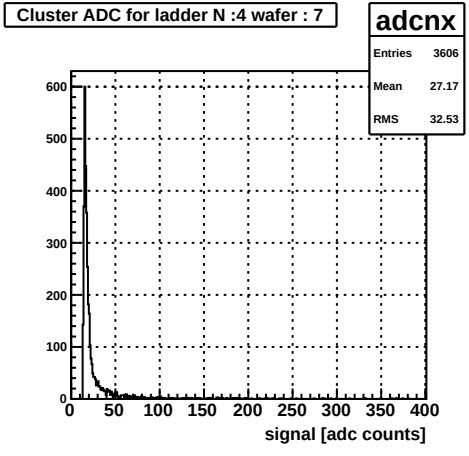

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 4804
Mean 28.97
RMS 29.27
signal [adc counts]

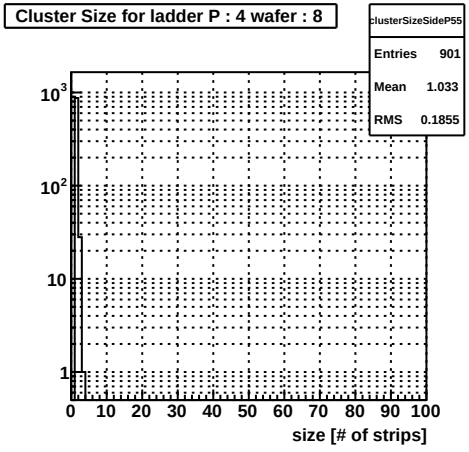

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 7627
Mean 1.05
RMS 0.2545
size [# of strips]

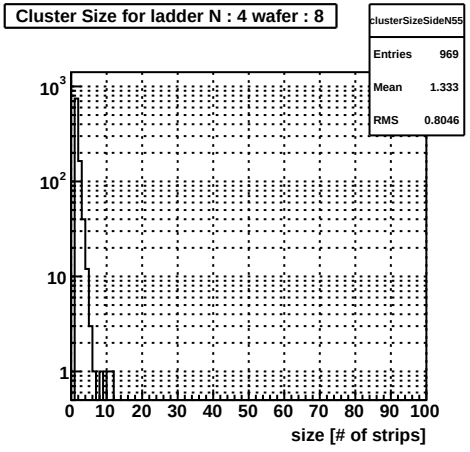

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3606
Mean 1.103
RMS 0.4132
size [# of strips]

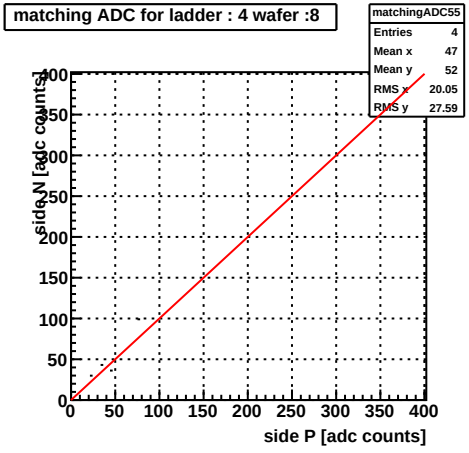

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 543
Mean x 44.07
Mean y 43.75
RMS x 46.8
RMS y 47.24
side N [adc counts]
side P [adc counts]

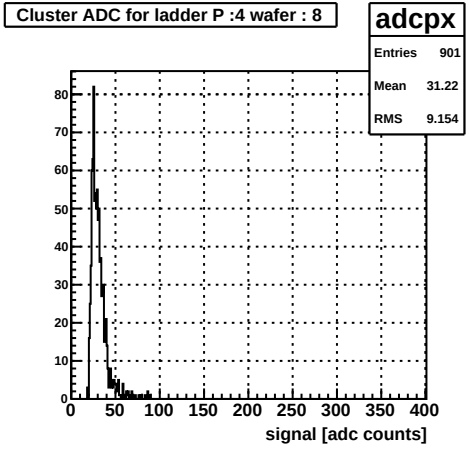

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 7627
Mean 29.35
RMS 23.24
signal [adc counts]

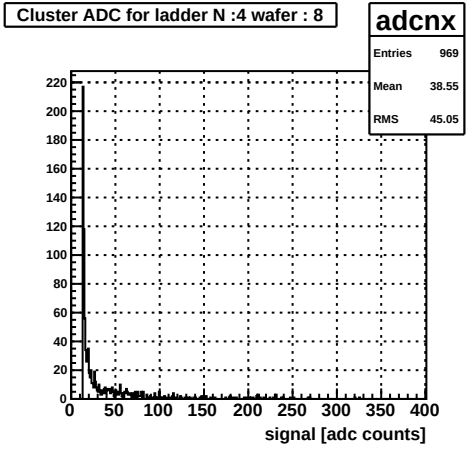

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3606
Mean 27.17
RMS 32.53
signal [adc counts]

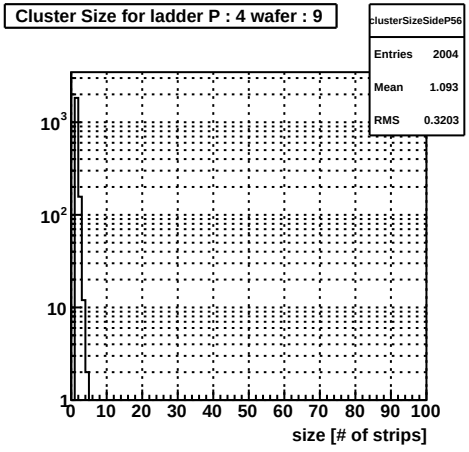

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 901
Mean 1.033
RMS 0.1855
size [# of strips]

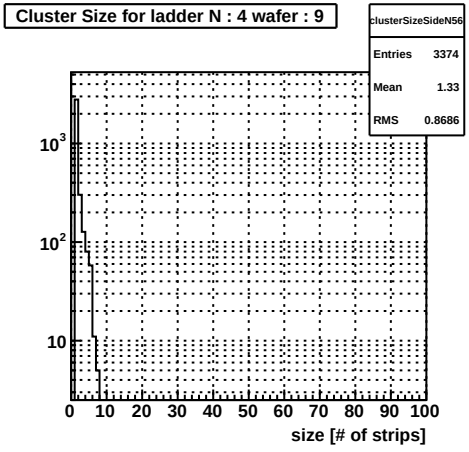

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 969
Mean 1.333
RMS 0.8046
size [# of strips]

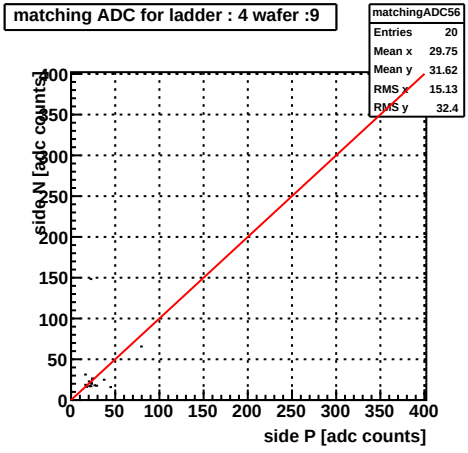

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 4
Mean x 47
Mean y 52
RMS x 20.05
RMS y 27.59
side N [adc counts]
side P [adc counts]

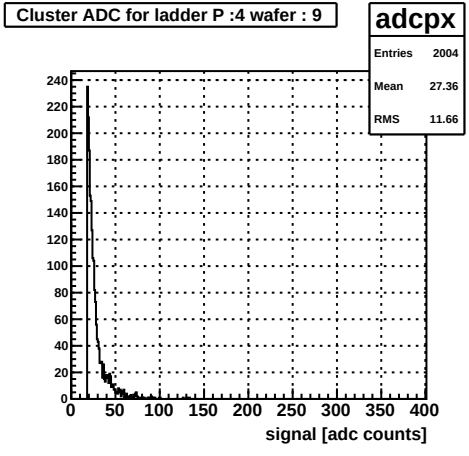

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 901
Mean 31.22
RMS 9.154
signal [adc counts]

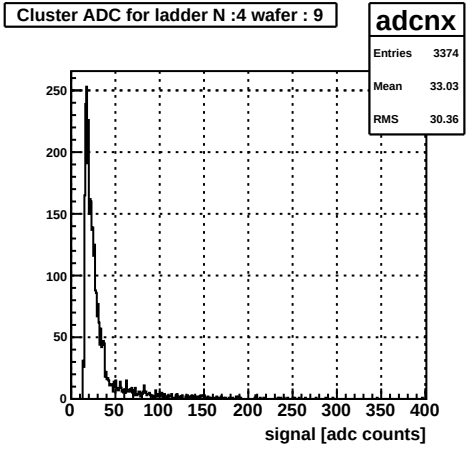

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 969
Mean 38.55
RMS 45.05
signal [adc counts]

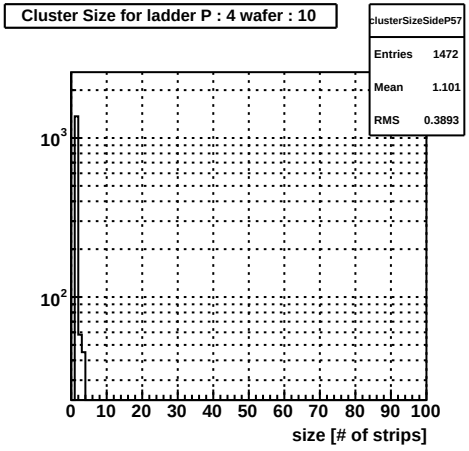

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2004
Mean 1.093
RMS 0.3203
size [# of strips]

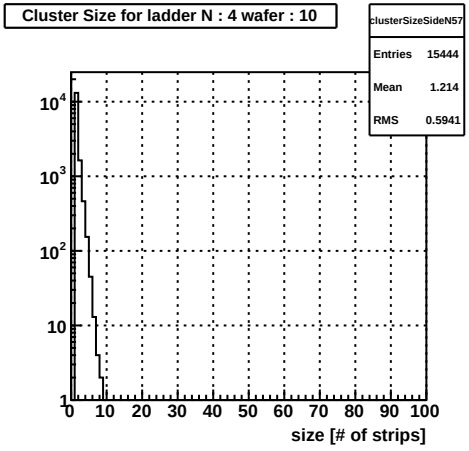

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3374
Mean 1.33
RMS 0.8686
size [# of strips]

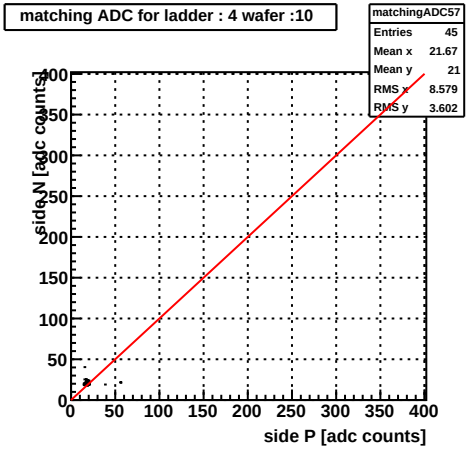

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 20
Mean x 29.75
Mean y 31.62
RMS x 15.13
RMS y 32.4
side N [adc counts]
side P [adc counts]

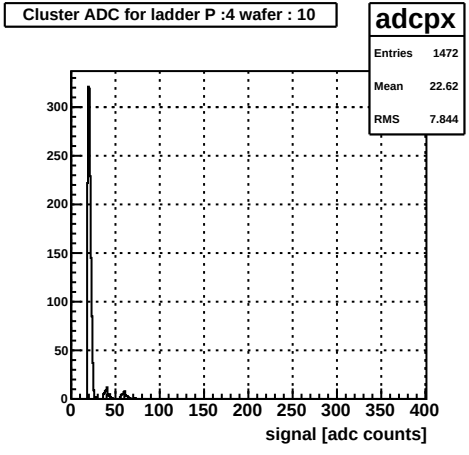

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2004
Mean 27.36
RMS 11.66
signal [adc counts]

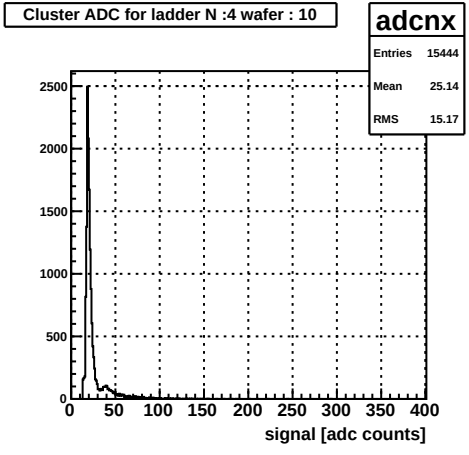

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3374
Mean 33.03
RMS 30.36
signal [adc counts]

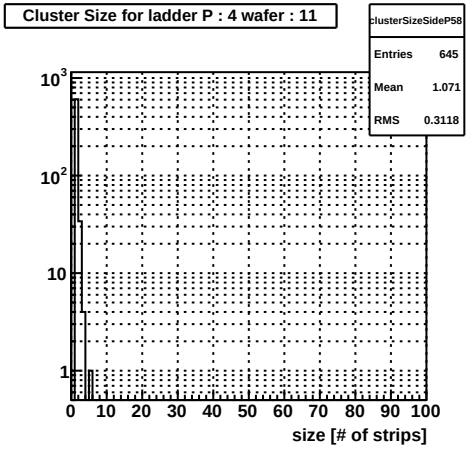

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1472
Mean 1.101
RMS 0.3893
size [# of strips]

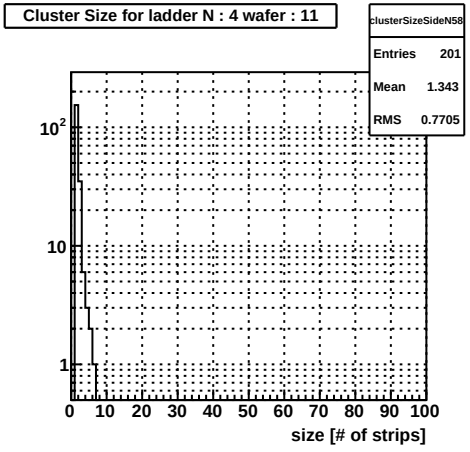

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15444
Mean 1.214
RMS 0.5941
size [# of strips]

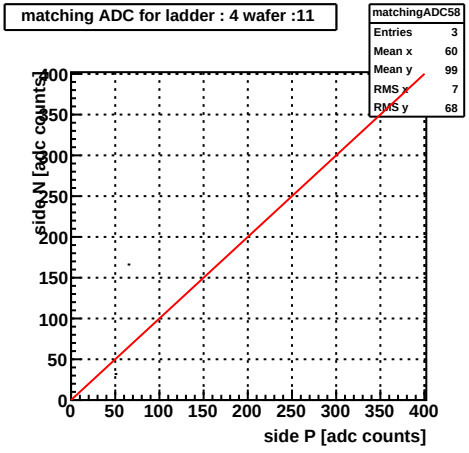

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 45
Mean x 21.67
Mean y 21
RMS x 8.579
RMS y 3.602
side N [adc counts]
side P [adc counts]

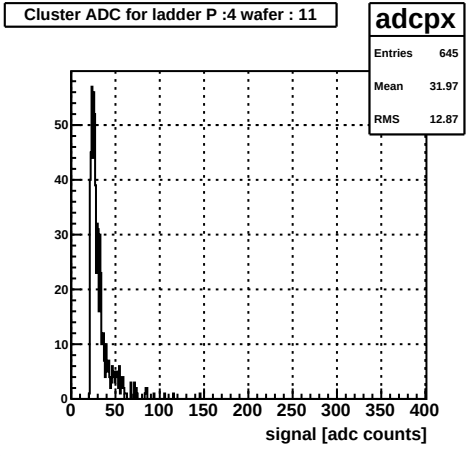

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1472
Mean 22.62
RMS 7.844
signal [adc counts]

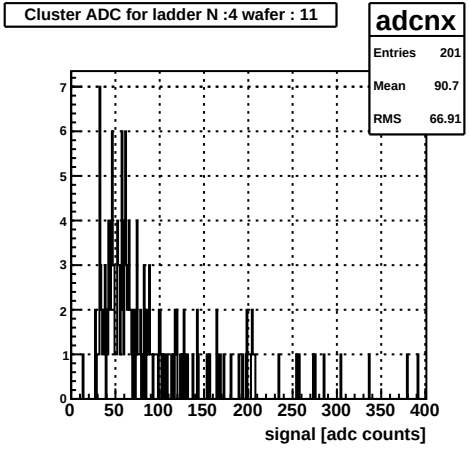

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15444
Mean 25.14
RMS 15.17
signal [adc counts]

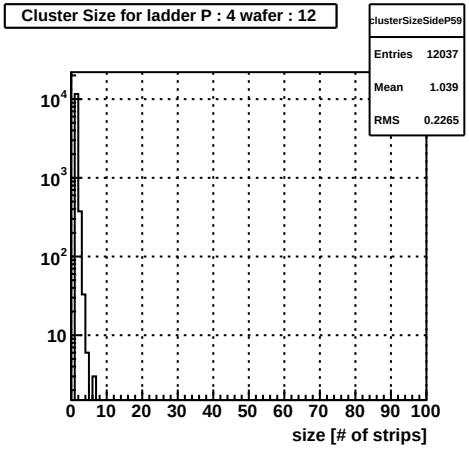

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 645
Mean 1.071
RMS 0.3118
size [# of strips]

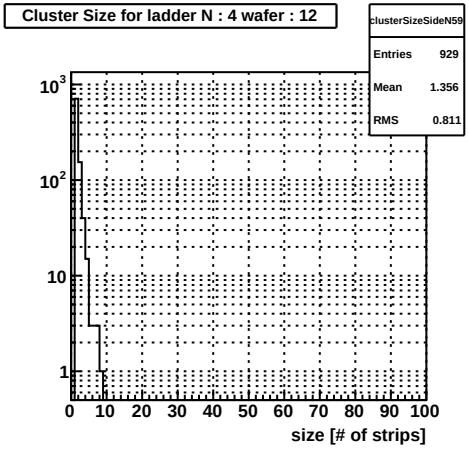

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 201
Mean 1.343
RMS 0.7705
size [# of strips]

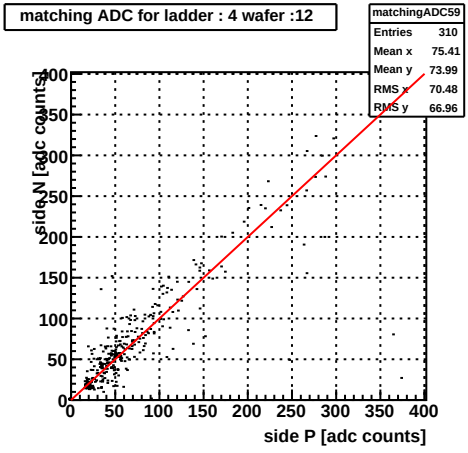

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 60
Mean y 99
RMS x 7
RMS y 68
side N [adc counts]
side P [adc counts]

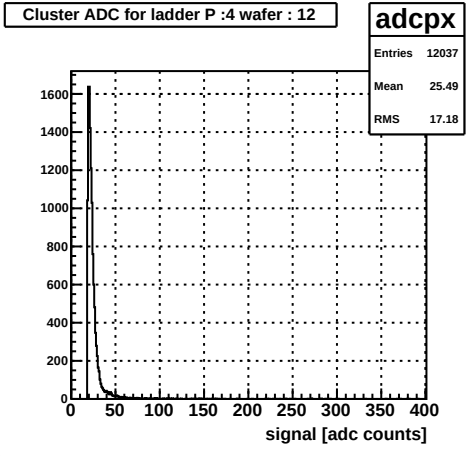

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 645
Mean 31.97
RMS 12.87
signal [adc counts]

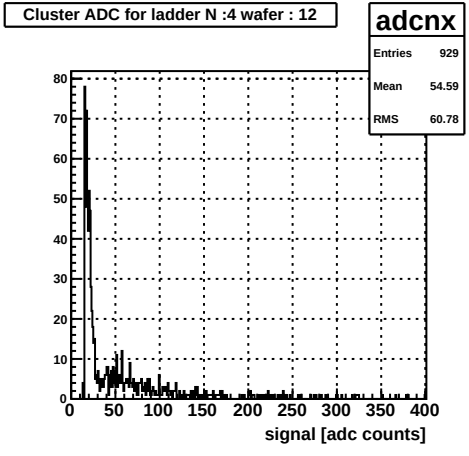

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 201
Mean 90.7
RMS 66.91
signal [adc counts]

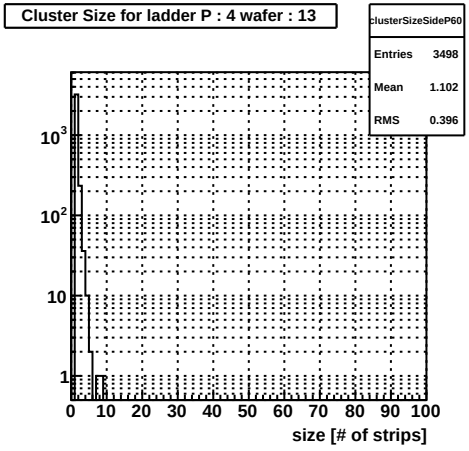

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12037
Mean 1.039
RMS 0.2265
size [# of strips]

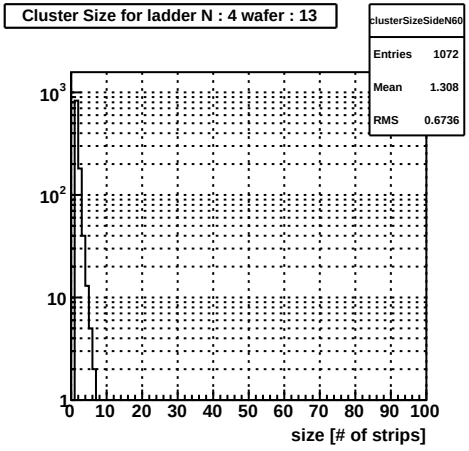

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 929
Mean 1.356
RMS 0.811
size [# of strips]

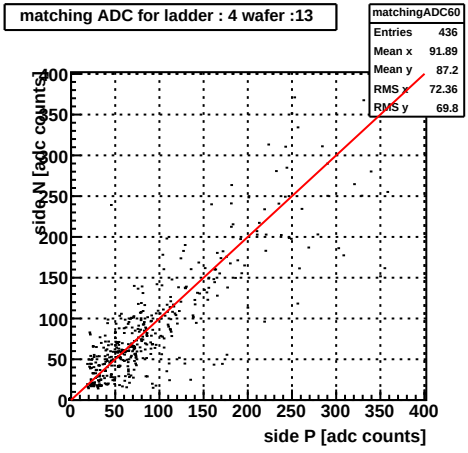

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 310
Mean x 75.41
Mean y 73.99
RMS x 70.48
RMS y 66.96
side N [adc counts]
side P [adc counts]

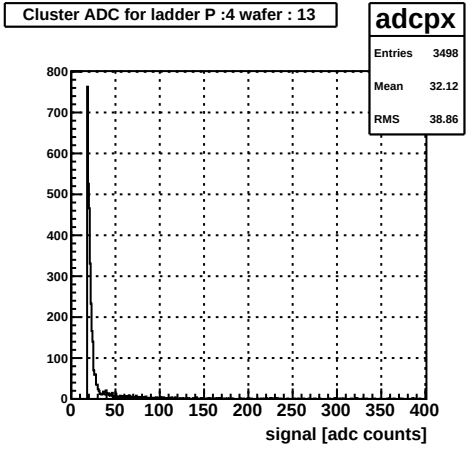

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12037
Mean 25.49
RMS 17.18
signal [adc counts]

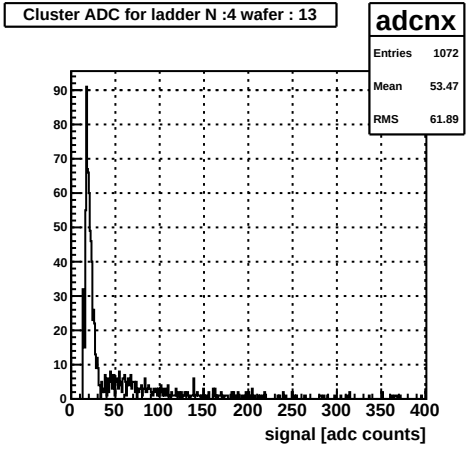

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 929
Mean 54.59
RMS 60.78
signal [adc counts]

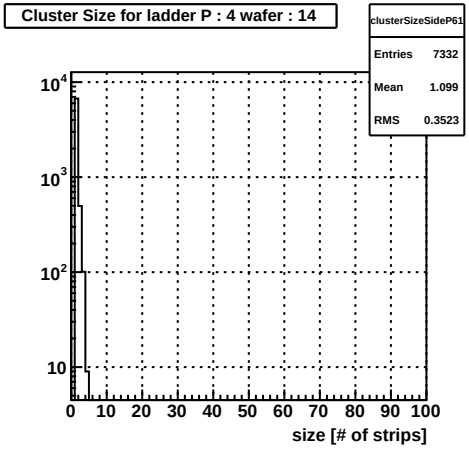

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3498
Mean 1.102
RMS 0.396
size [# of strips]

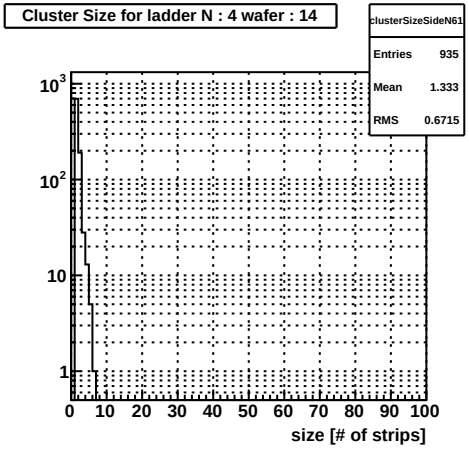

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1072
Mean 1.308
RMS 0.6736
size [# of strips]

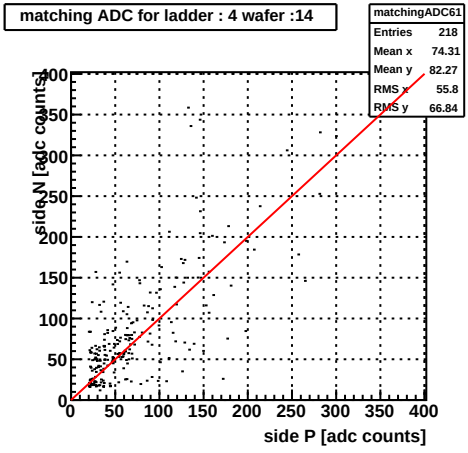

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 436
Mean x 91.89
Mean y 87.2
RMS x 72.36
RMS y 69.8
side N [adc counts]
side P [adc counts]

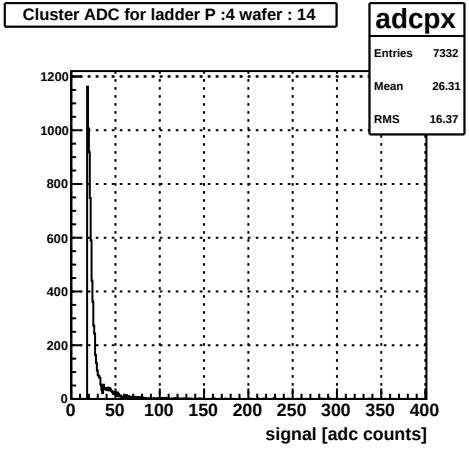

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3498
Mean 32.12
RMS 38.86
signal [adc counts]

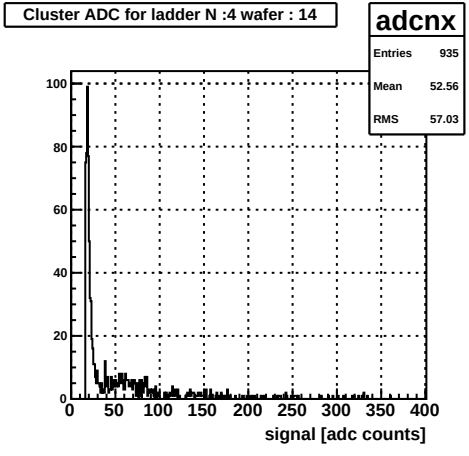

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1072
Mean 53.47
RMS 61.89
signal [adc counts]

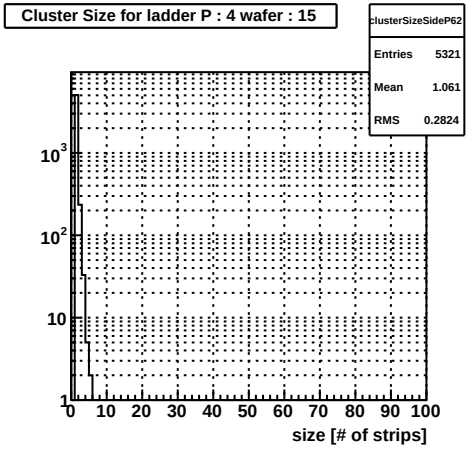

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7332
Mean 1.099
RMS 0.3523
size [# of strips]

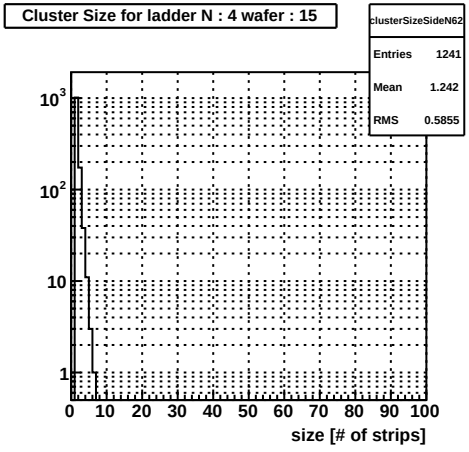

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 935
Mean 1.333
RMS 0.6715
size [# of strips]

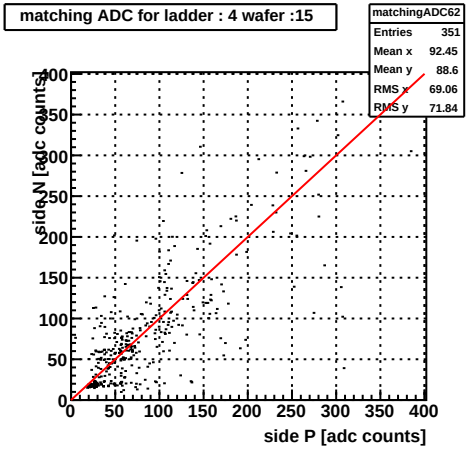

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 218
Mean x 74.31
Mean y 82.27
RMS x 55.8
RMS y 66.84
side N [adc counts]
side P [adc counts]

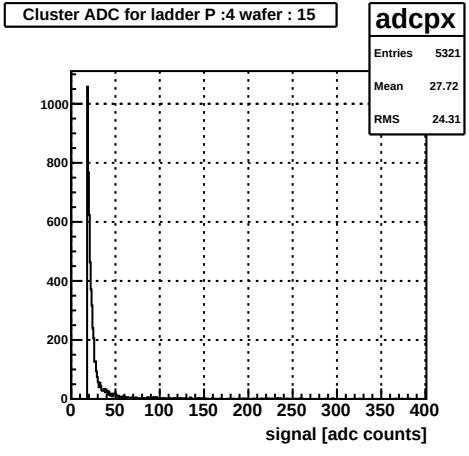

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7332
Mean 26.31
RMS 16.37
signal [adc counts]

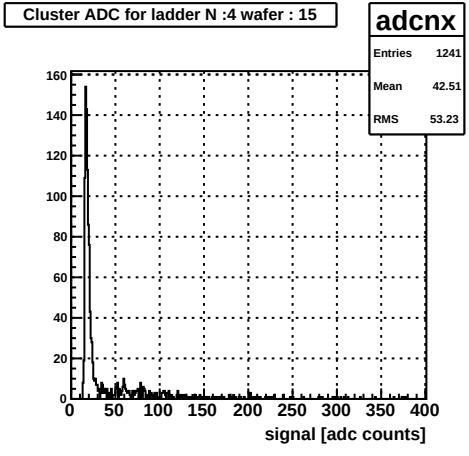

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 935
Mean 52.56
RMS 57.03
signal [adc counts]

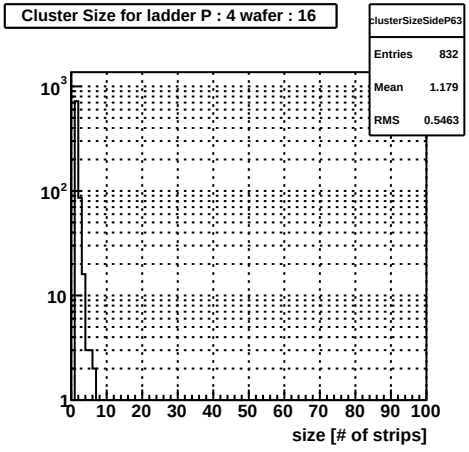

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5321
Mean 1.061
RMS 0.2824
size [# of strips]

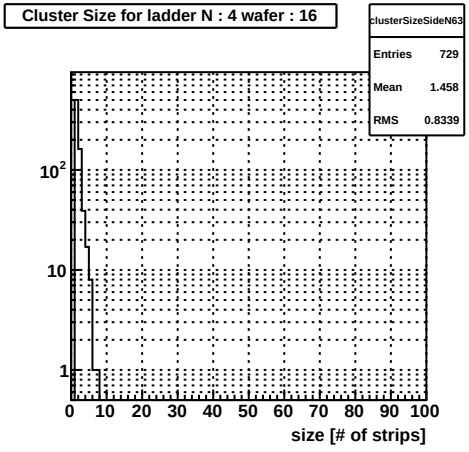

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1241
Mean 1.242
RMS 0.5855
size [# of strips]

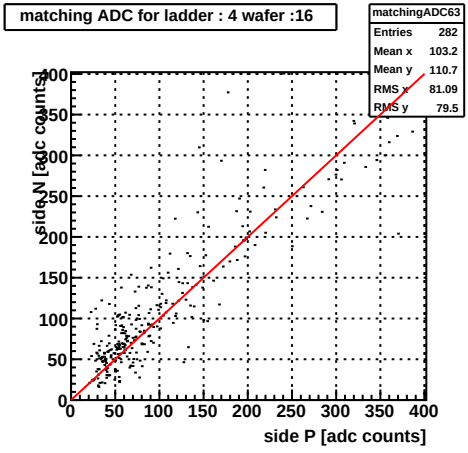

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 351
Mean x 92.45
Mean y 88.6
RMS x 69.06
RMS y 71.84
side N [adc counts]
side P [adc counts]

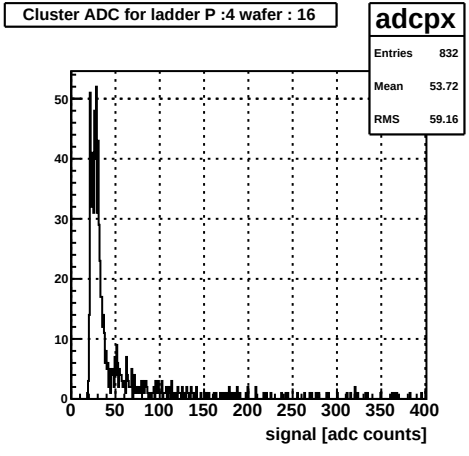

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5321
Mean 27.72
RMS 24.31
signal [adc counts]

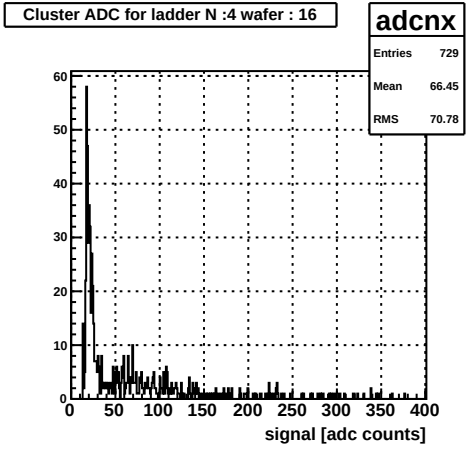

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1241
Mean 42.51
RMS 53.23
signal [adc counts]

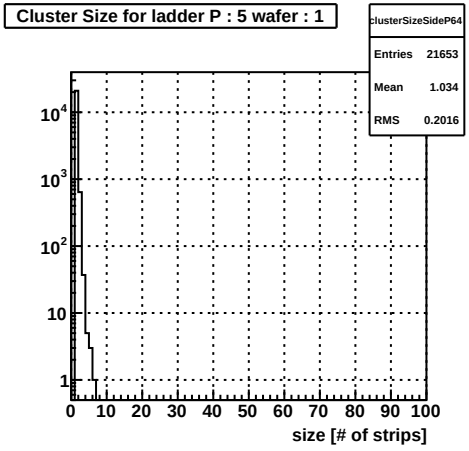

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 832
Mean 1.179
RMS 0.5463
size [# of strips]

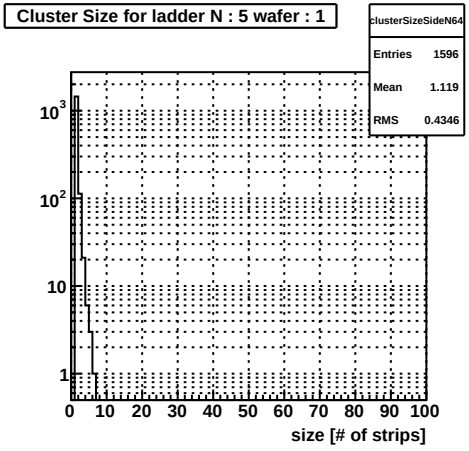

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 729
Mean 1.458
RMS 0.8339
size [# of strips]

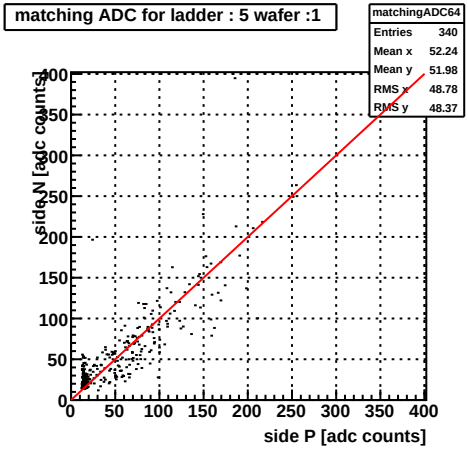

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 282
Mean x 103.2
Mean y 110.7
RMS x 81.09
RMS y 79.5
side N [adc counts]
side P [adc counts]

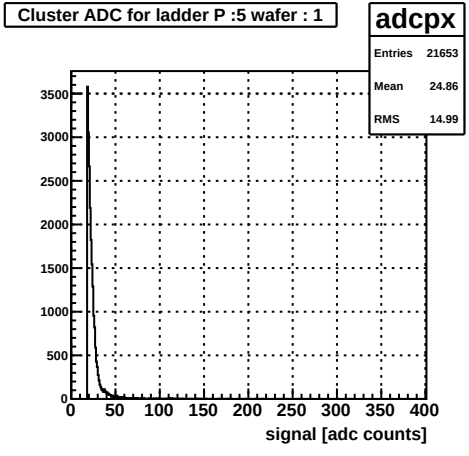

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 832
Mean 53.72
RMS 59.16
signal [adc counts]

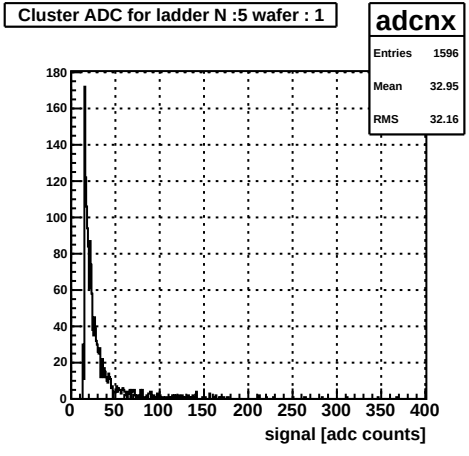

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 729
Mean 66.45
RMS 70.78
signal [adc counts]

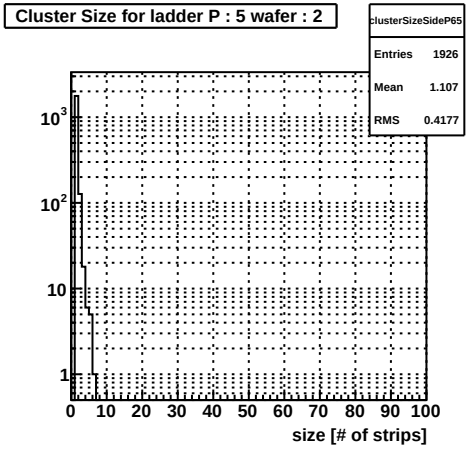

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21653
Mean 1.034
RMS 0.2016
size [# of strips]

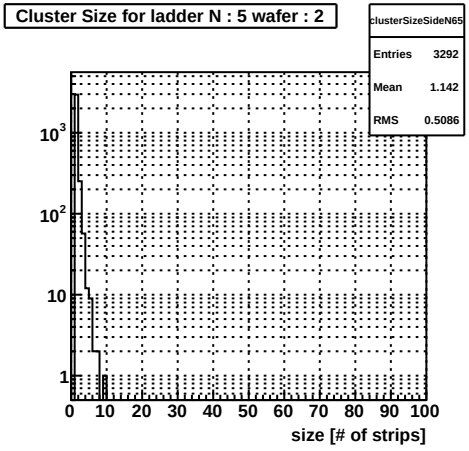

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1596
Mean 1.119
RMS 0.4346
size [# of strips]

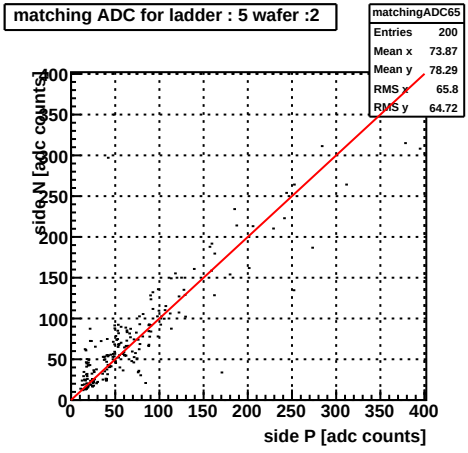

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 340
Mean x 52.24
Mean y 51.98
RMS x 48.78
RMS y 48.37
side N [adc counts]
side P [adc counts]

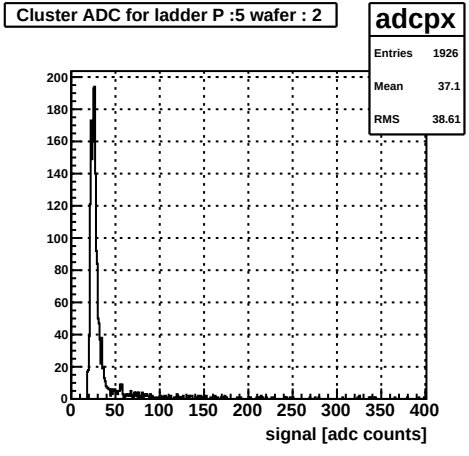

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21653
Mean 24.86
RMS 14.99
signal [adc counts]

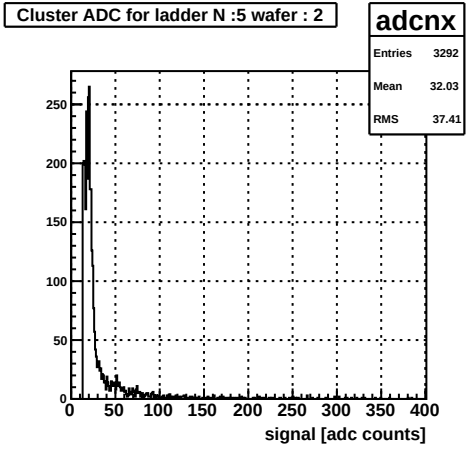

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1596
Mean 32.95
RMS 32.16
signal [adc counts]

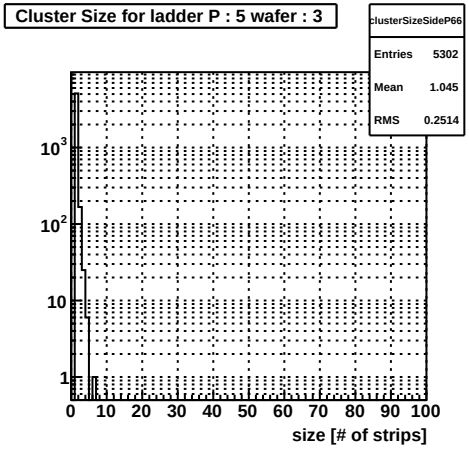

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1926
Mean 1.107
RMS 0.4177
size [# of strips]

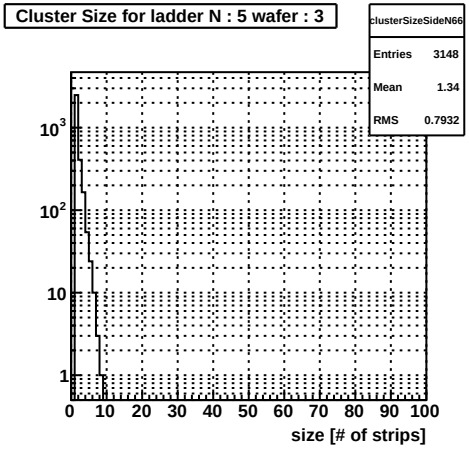

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 3292
Mean 1.142
RMS 0.5086
size [# of strips]

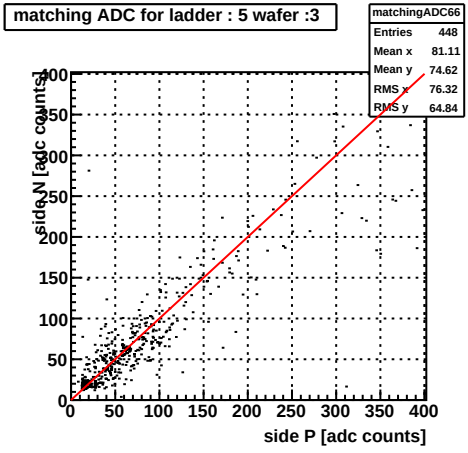

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 200
Mean x 73.87
Mean y 78.29
RMS x 65.8
RMS y 64.72
side N [adc counts]
side P [adc counts]

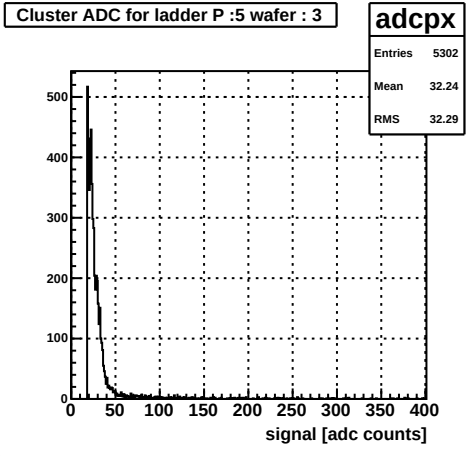

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1926
Mean 37.1
RMS 38.61
signal [adc counts]

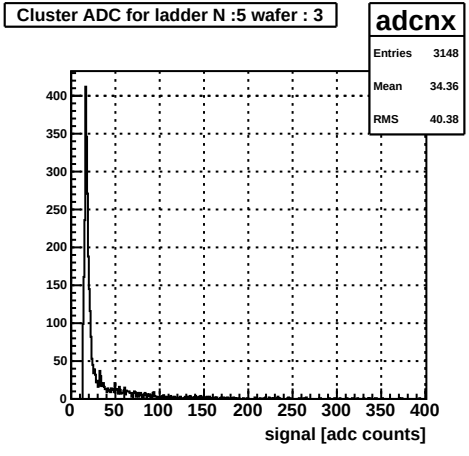

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 3292
Mean 32.03
RMS 37.41
signal [adc counts]

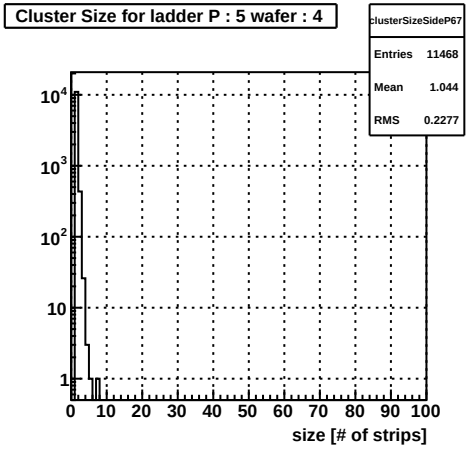

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5302
Mean 1.045
RMS 0.2514
size [# of strips]

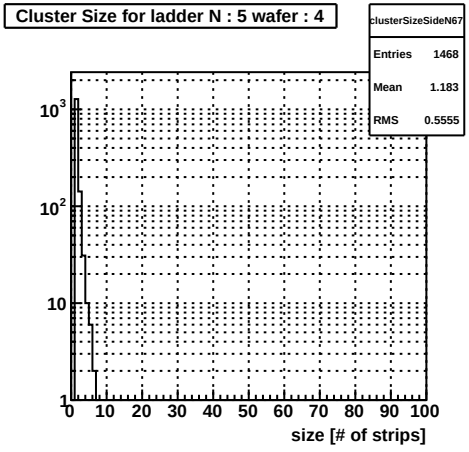

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3148
Mean 1.34
RMS 0.7932
size [# of strips]

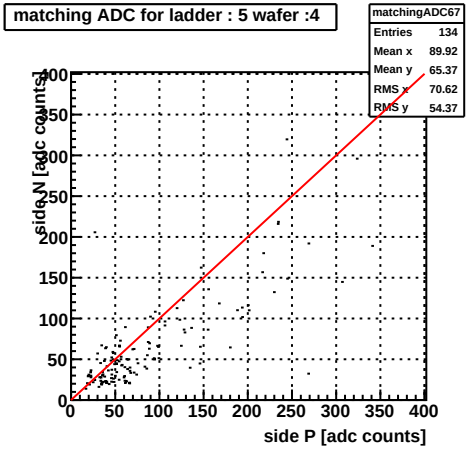

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 448
Mean x 81.11
Mean y 74.62
RMS x 76.32
RMS y 64.84
side N [adc counts]
side P [adc counts]

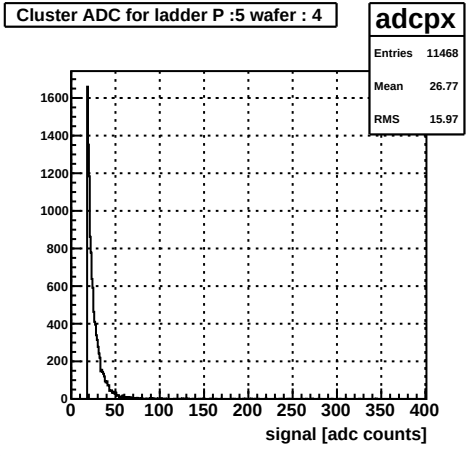

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5302
Mean 32.24
RMS 32.29
signal [adc counts]

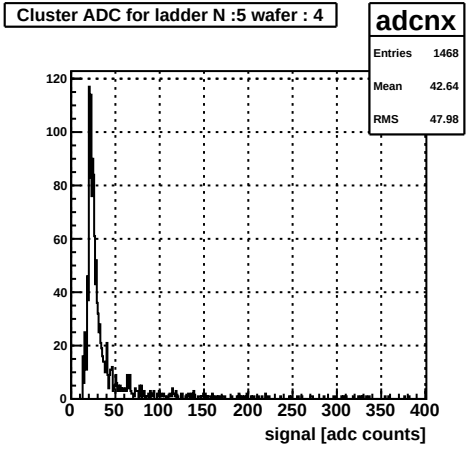

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3148
Mean 34.36
RMS 40.38
signal [adc counts]

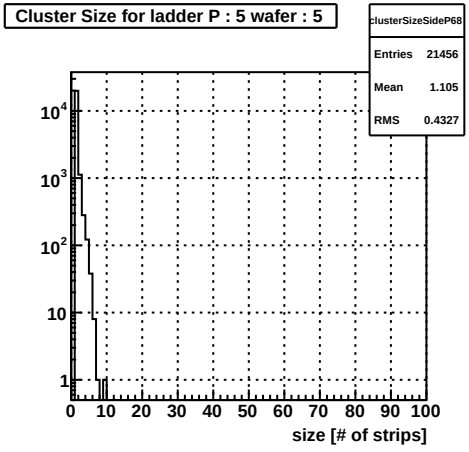

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 11468
Mean 1.044
RMS 0.2277
size [# of strips]

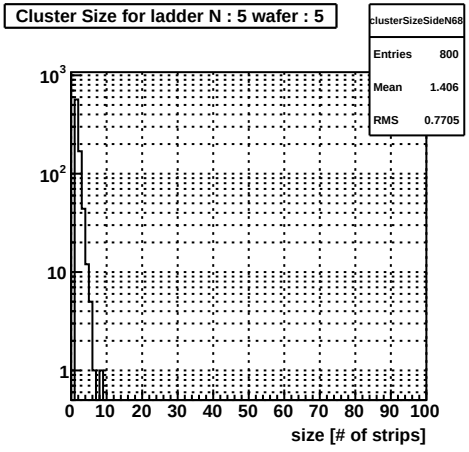

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1468
Mean 1.183
RMS 0.5555
size [# of strips]

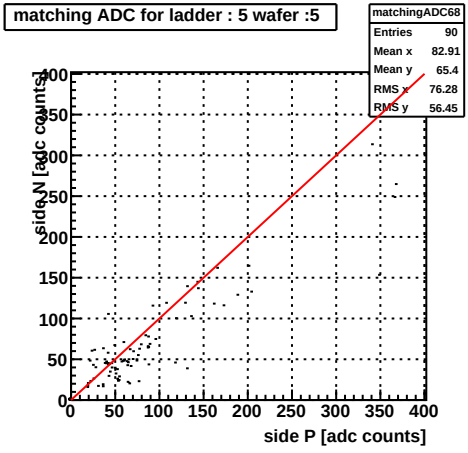

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 134
Mean x 89.92
Mean y 65.37
RMS x 70.62
RMS y 54.37
side N [adc counts]
side P [adc counts]

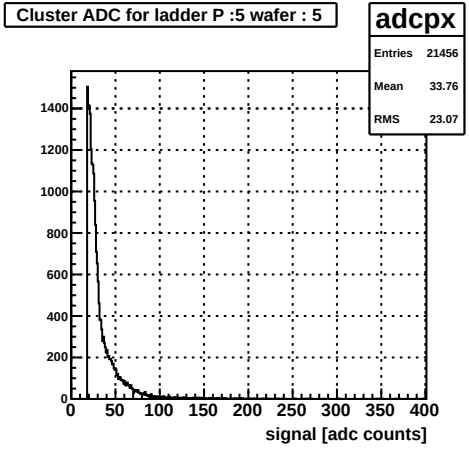

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 11468
Mean 26.77
RMS 15.97
signal [adc counts]

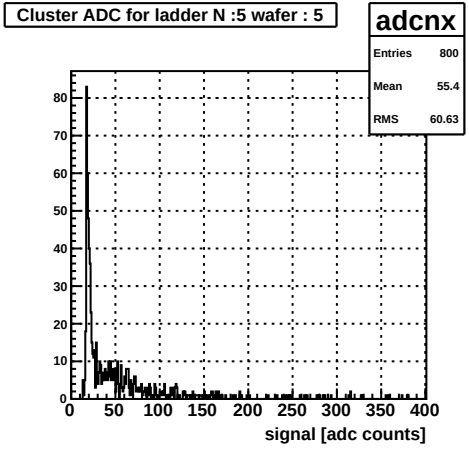

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1468
Mean 42.64
RMS 47.98
signal [adc counts]

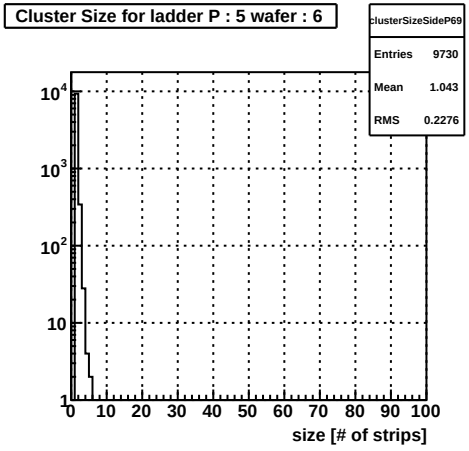

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 21456
Mean 1.105
RMS 0.4327
size [# of strips]

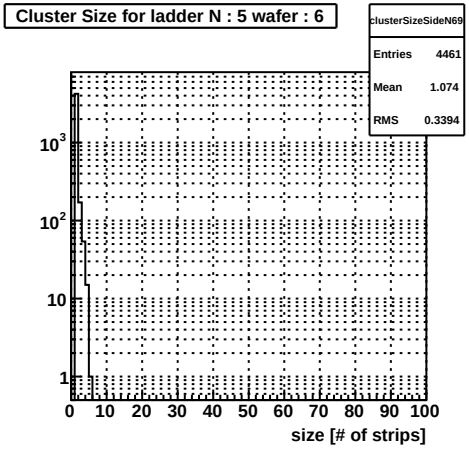

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 800
Mean 1.406
RMS 0.7705
size [# of strips]

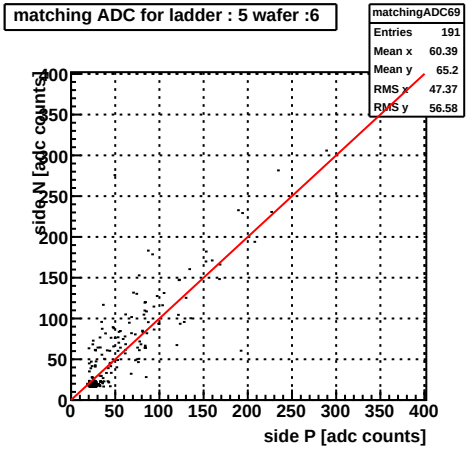

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 90
Mean x 82.91
Mean y 65.4
RMS x 76.28
RMS y 56.45
side N [adc counts]
side P [adc counts]

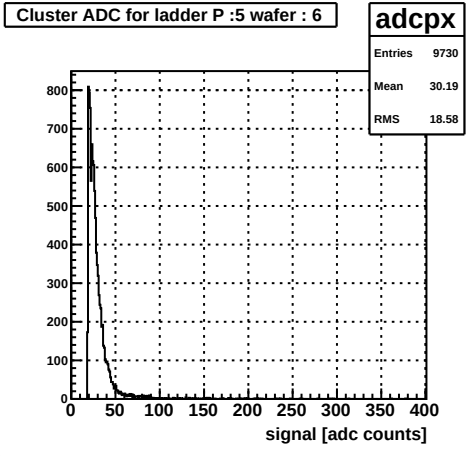

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 21456
Mean 33.76
RMS 23.07
signal [adc counts]

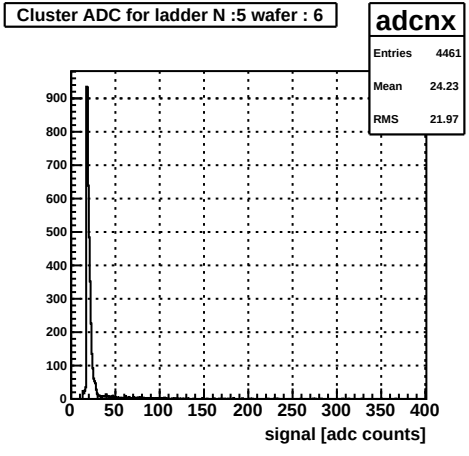

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 800
Mean 55.4
RMS 60.63
signal [adc counts]

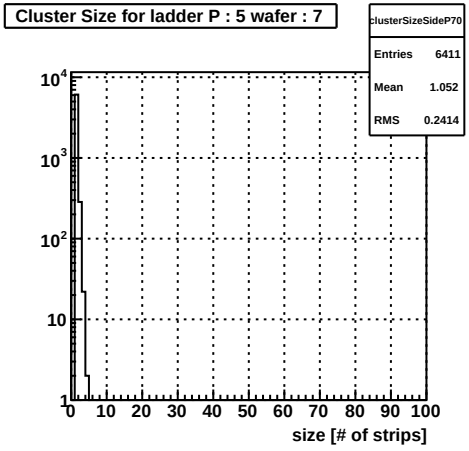

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9730
Mean 1.043
RMS 0.2276
size [# of strips]

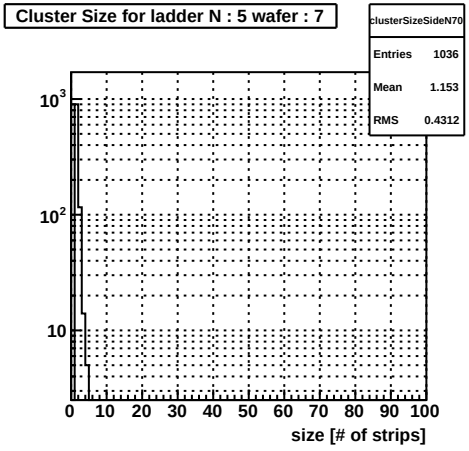

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4461
Mean 1.074
RMS 0.3394
size [# of strips]

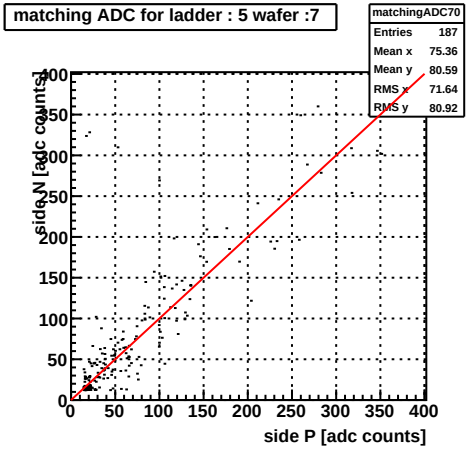

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 191
Mean x 60.39
Mean y 65.2
RMS x 47.37
RMS y 56.58
side N [adc counts]
side P [adc counts]

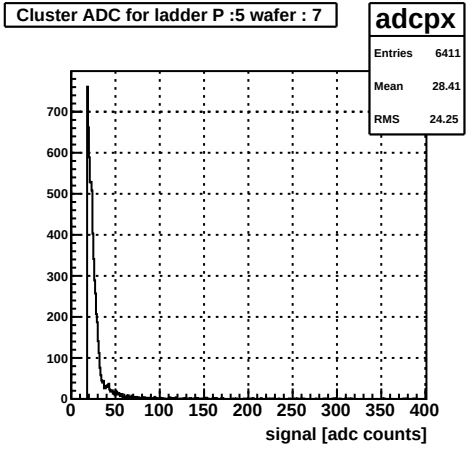

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9730
Mean 30.19
RMS 18.58
signal [adc counts]

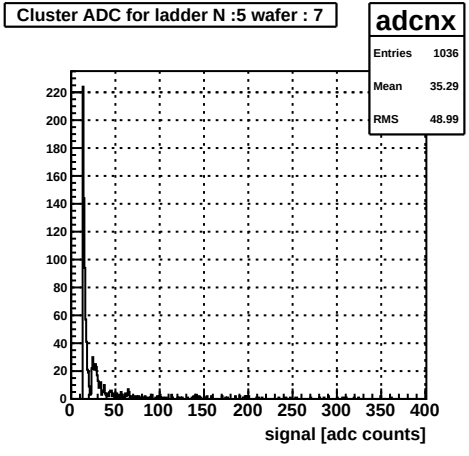

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4461
Mean 24.23
RMS 21.97
signal [adc counts]

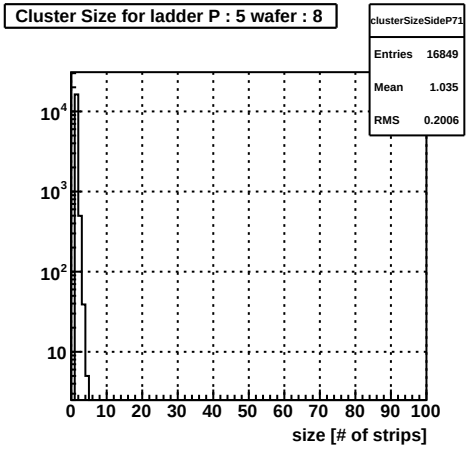

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6411
Mean 1.052
RMS 0.2414
size [# of strips]

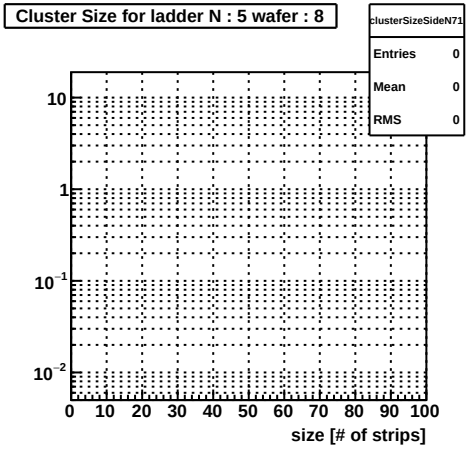

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1036
Mean 1.153
RMS 0.4312
size [# of strips]

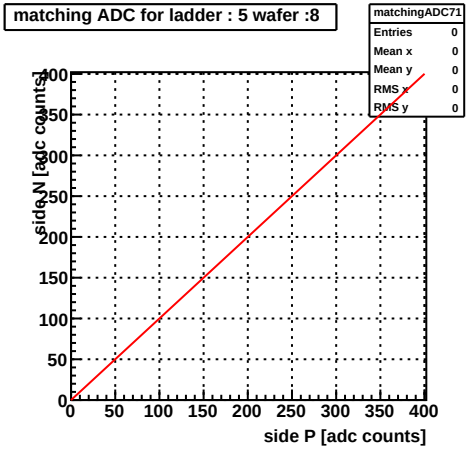

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 187
Mean x 75.36
Mean y 80.59
RMS x 71.64
RMS y 80.92
side N [adc counts]
side P [adc counts]

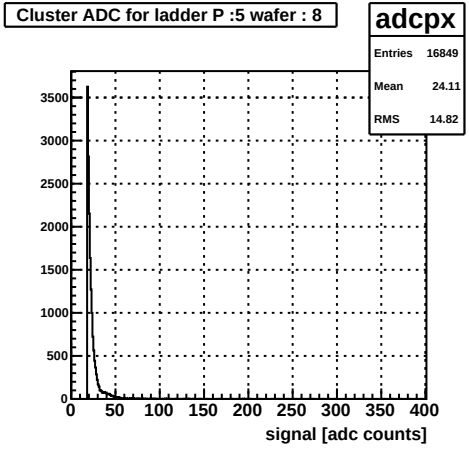

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6411
Mean 28.41
RMS 24.25
signal [adc counts]

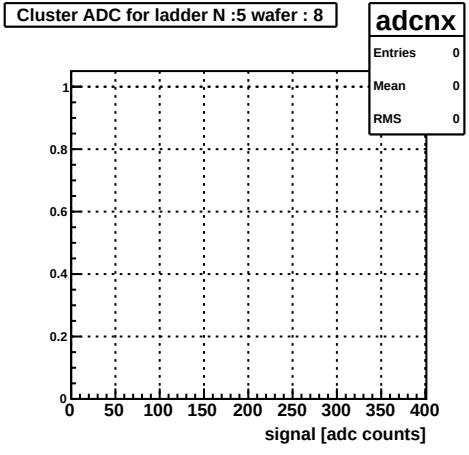

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1036
Mean 35.29
RMS 48.99
signal [adc counts]

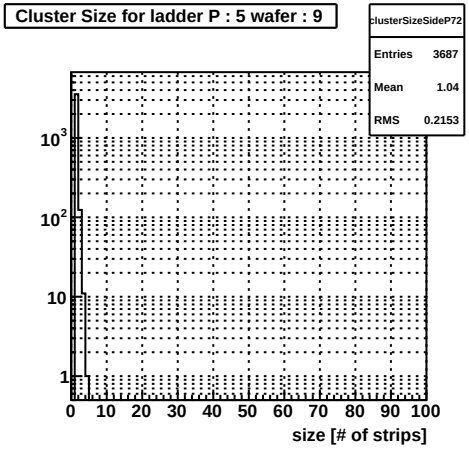

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16849
Mean 1.035
RMS 0.2006
size [# of strips]

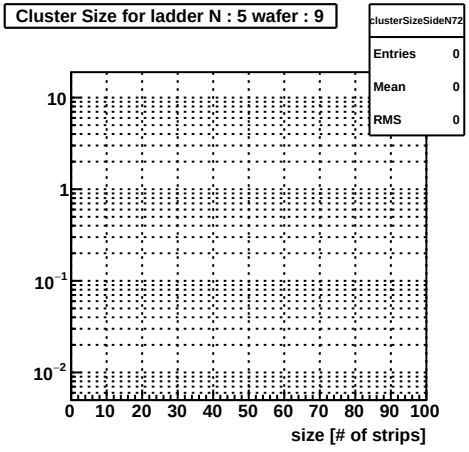

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

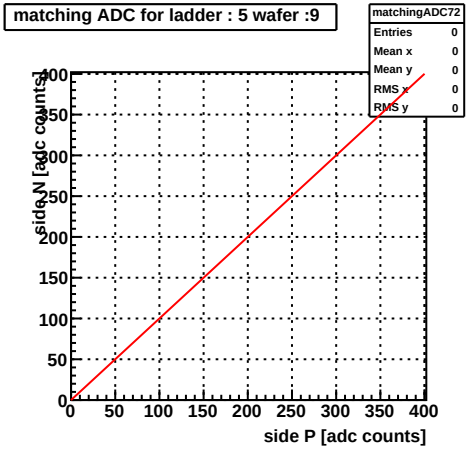

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

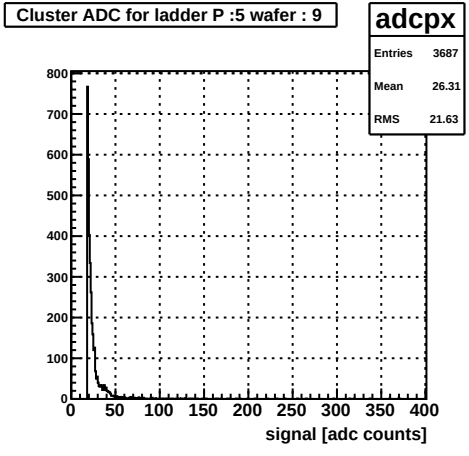

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16849
Mean 24.11
RMS 14.82
signal [adc counts]

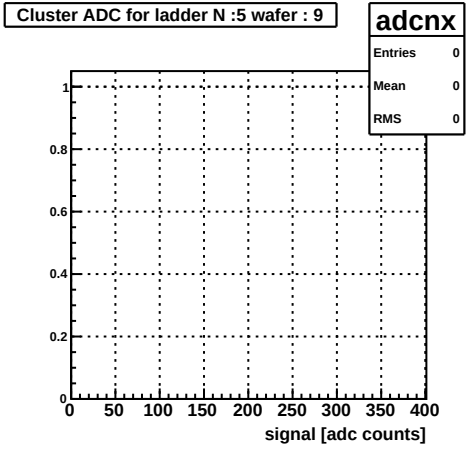

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

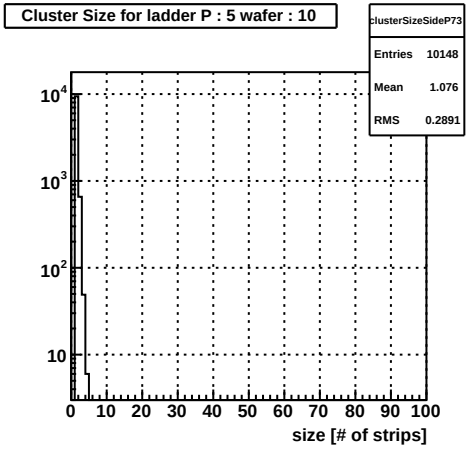

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3687
Mean 1.04
RMS 0.2153
size [# of strips]

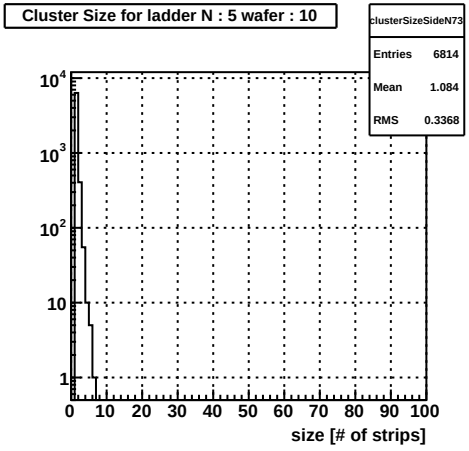

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

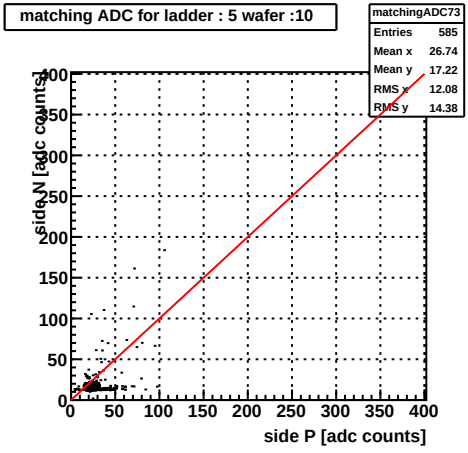

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

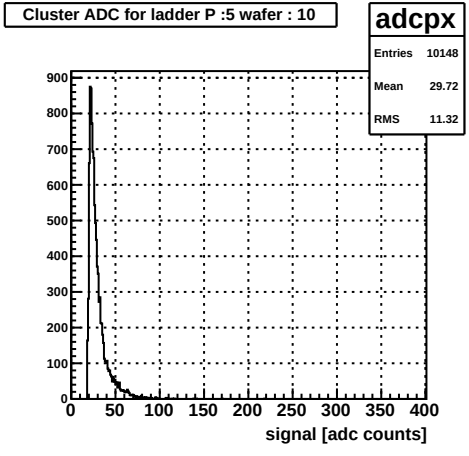

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3687
Mean 26.31
RMS 21.63
signal [adc counts]

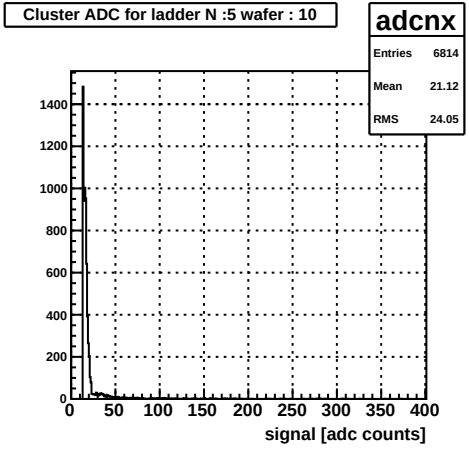

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

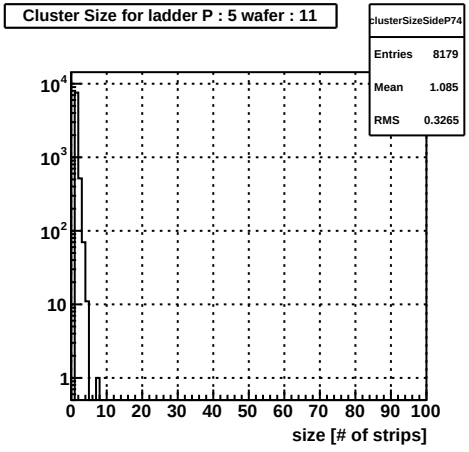

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 10148
Mean 1.076
RMS 0.2891
size [# of strips]

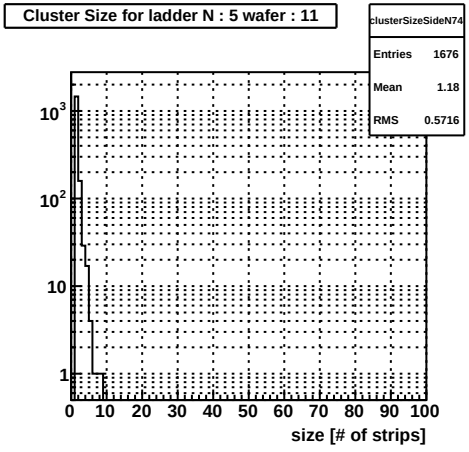

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6814
Mean 1.084
RMS 0.3368
size [# of strips]

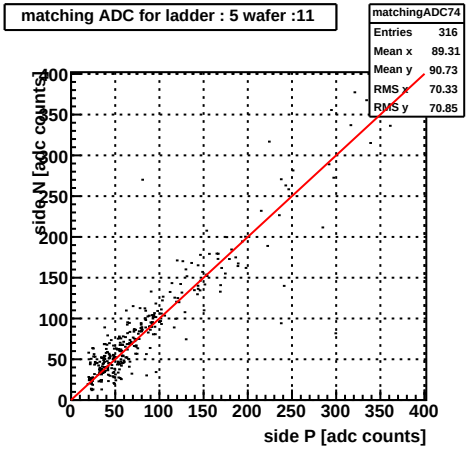

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 585
Mean x 26.74
Mean y 17.22
RMS x 12.08
RMS y 14.38
side N [adc counts]
side P [adc counts]

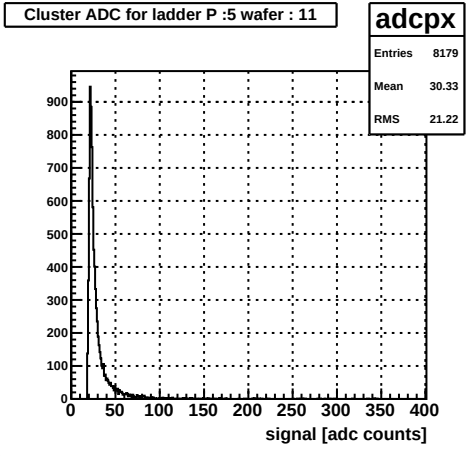

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 10148
Mean 29.72
RMS 11.32
signal [adc counts]

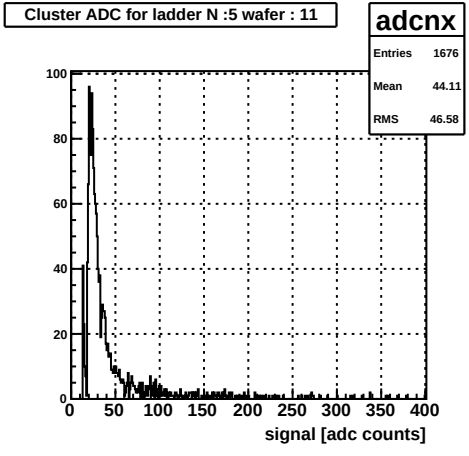

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6814
Mean 21.12
RMS 24.05
signal [adc counts]

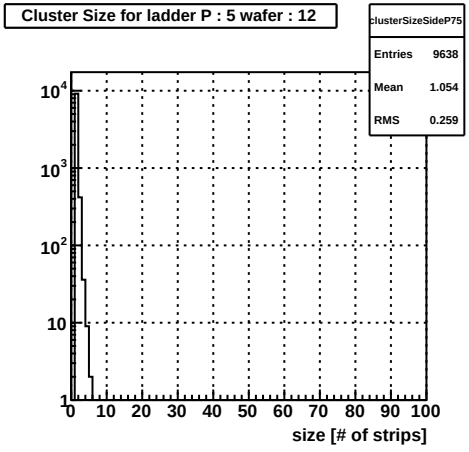

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8179
Mean 1.085
RMS 0.3265
size [# of strips]

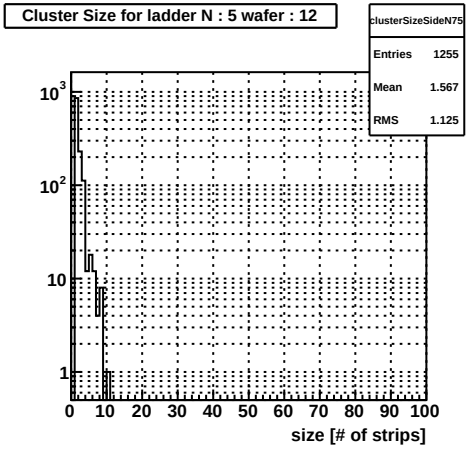

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1676
Mean 1.18
RMS 0.5716
size [# of strips]

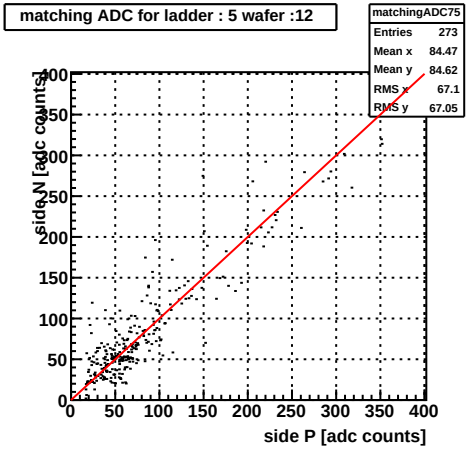

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 316
Mean x 89.31
Mean y 90.73
RMS x 70.33
RMS y 70.85
side N [adc counts]
side P [adc counts]

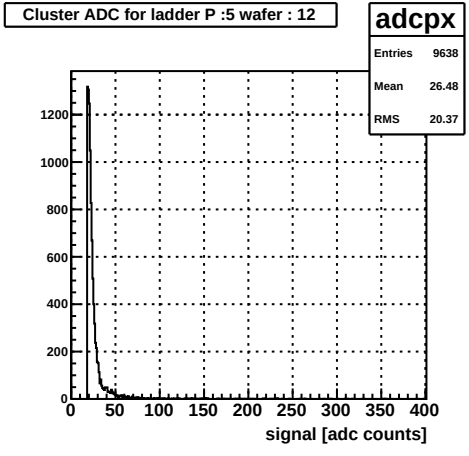

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8179
Mean 30.33
RMS 21.22
signal [adc counts]

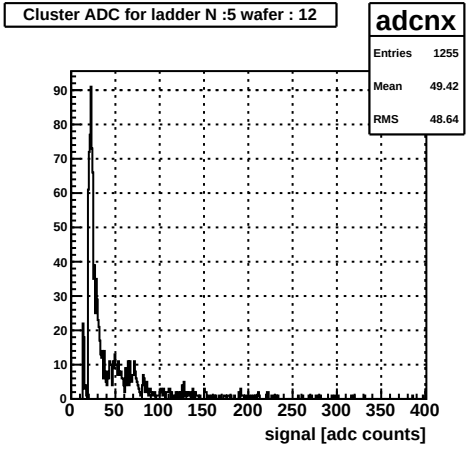

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1676
Mean 44.11
RMS 46.58
signal [adc counts]

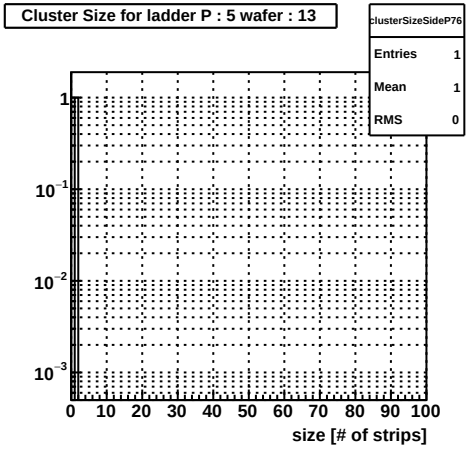

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9638
Mean 1.054
RMS 0.259
size [# of strips]

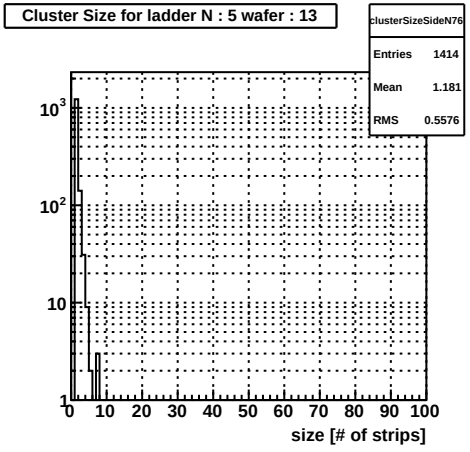

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1255
Mean 1.567
RMS 1.125
size [# of strips]

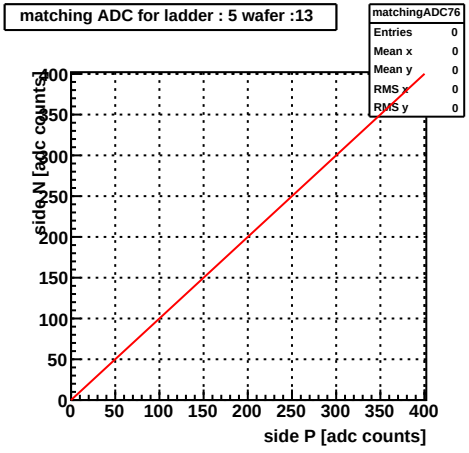

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 273
Mean x 84.47
Mean y 84.62
RMS x 67.1
RMS y 67.05
side N [adc counts]
side P [adc counts]

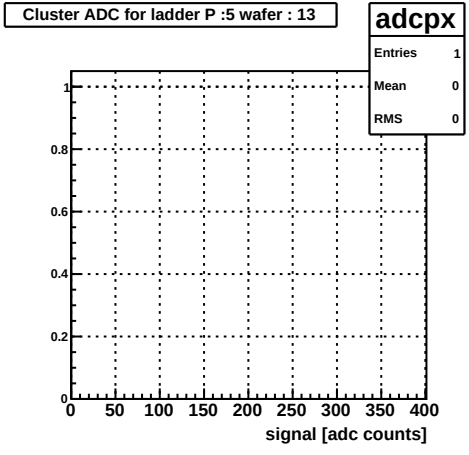

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9638
Mean 26.48
RMS 20.37
signal [adc counts]

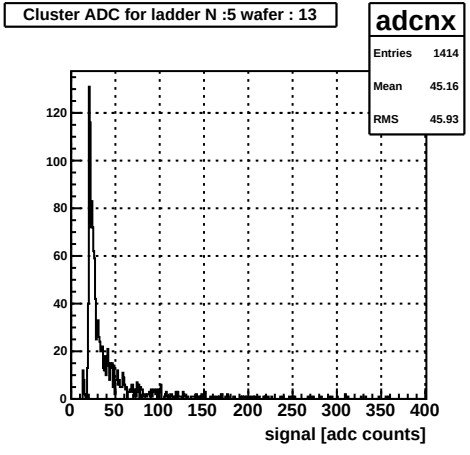

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1255
Mean 49.42
RMS 48.64
signal [adc counts]

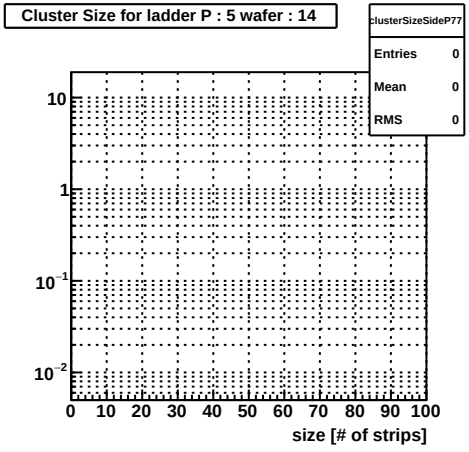

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

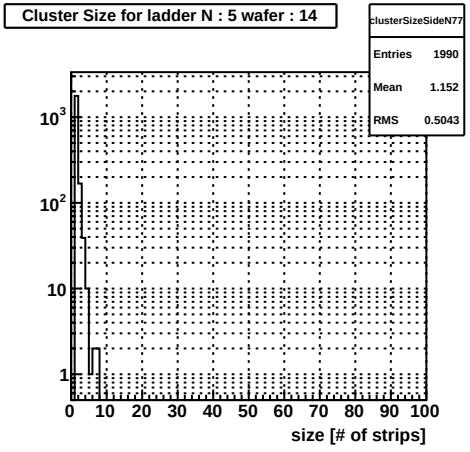

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1414
Mean 1.181
RMS 0.5576
size [# of strips]

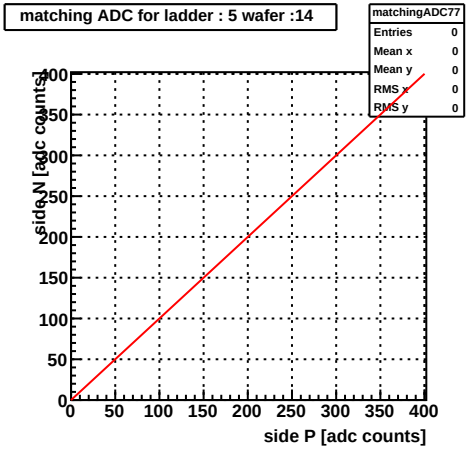

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

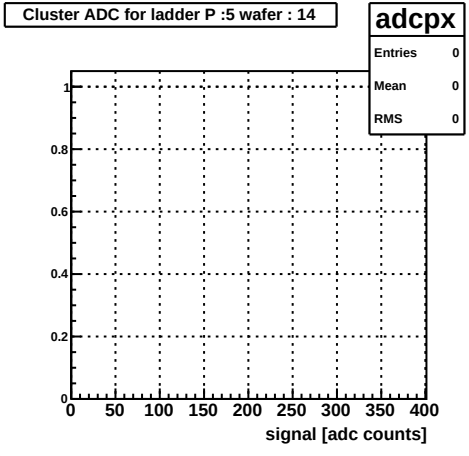

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

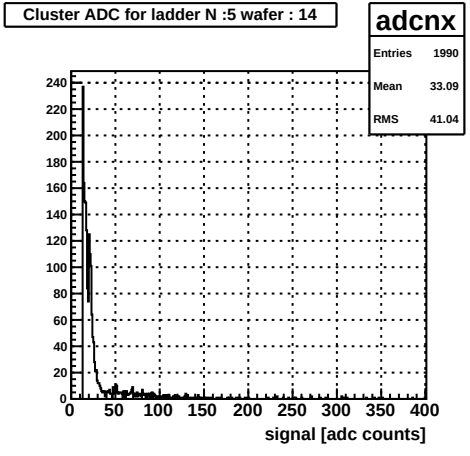

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1414
Mean 45.16
RMS 45.93
signal [adc counts]

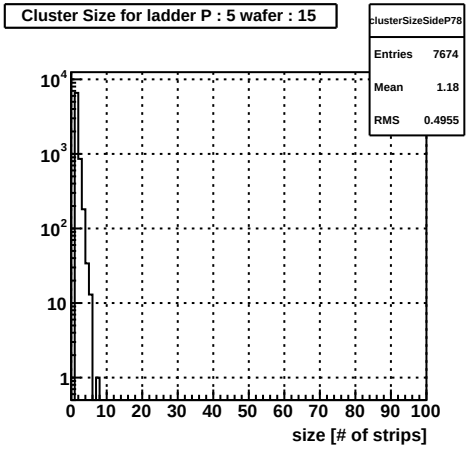

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

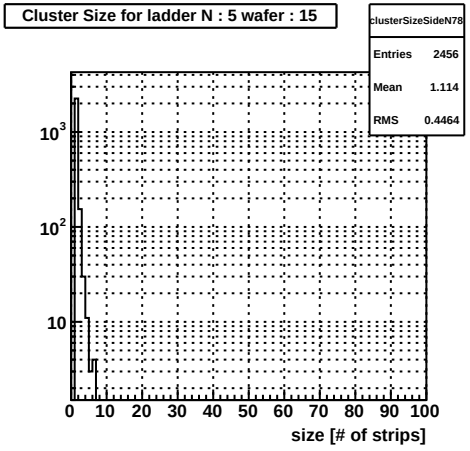

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1990
Mean 1.152
RMS 0.5043
size [# of strips]

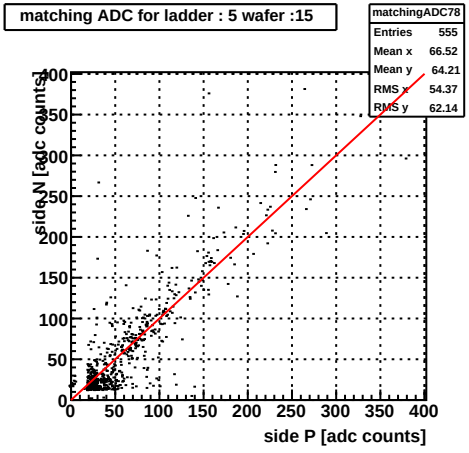

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

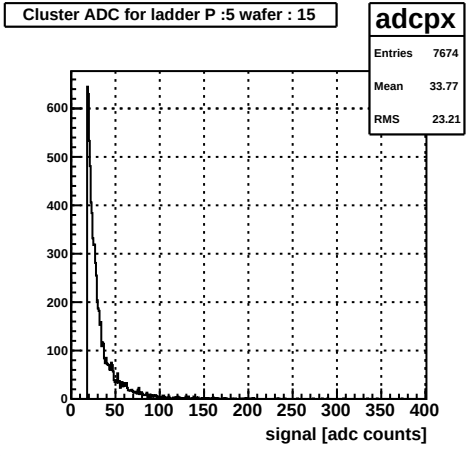

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

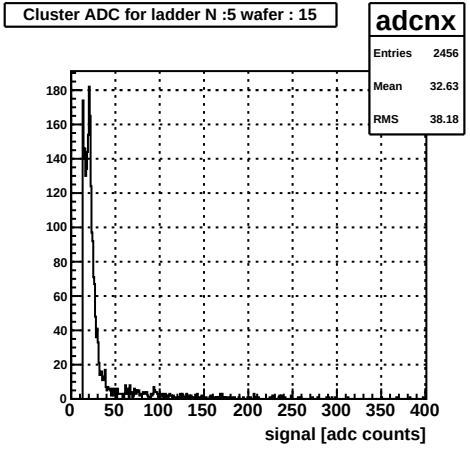

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1990
Mean 33.09
RMS 41.04
signal [adc counts]

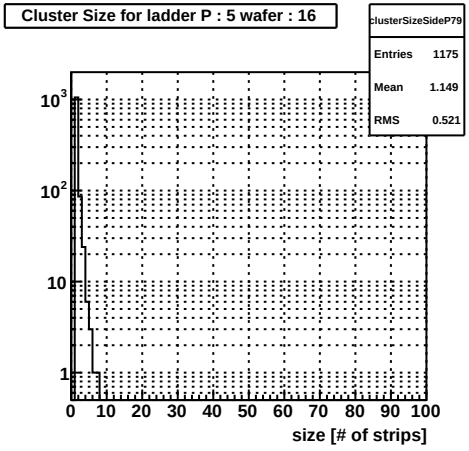

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7674
Mean 1.18
RMS 0.4955
size [# of strips]

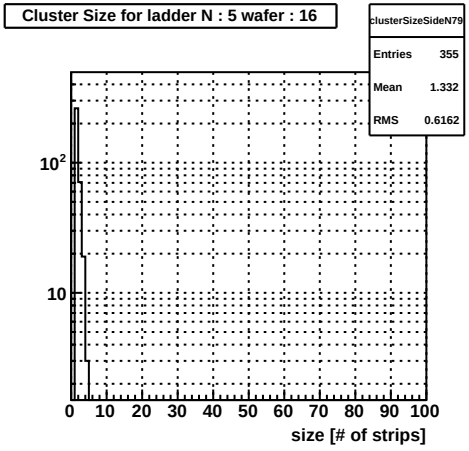

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2456
Mean 1.114
RMS 0.4464
size [# of strips]

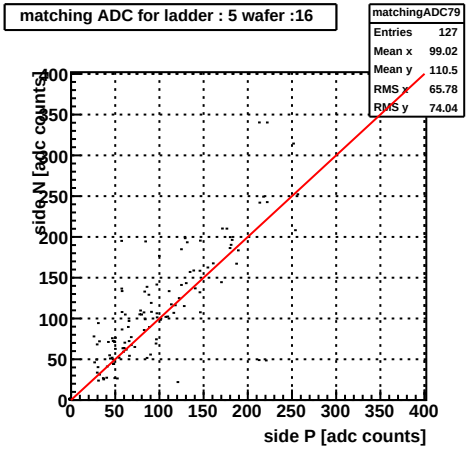

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 555
Mean x 66.52
Mean y 64.21
RMS x 54.37
RMS y 62.14
side N [adc counts]
side P [adc counts]

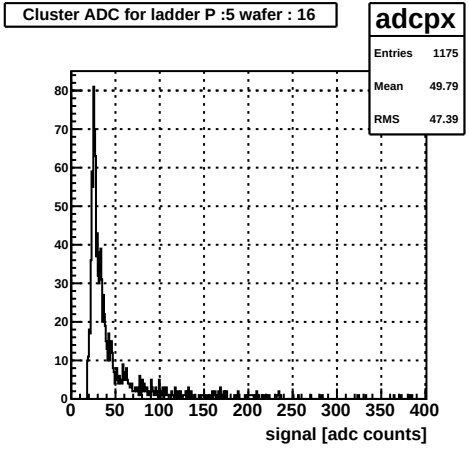

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7674
Mean 33.77
RMS 23.21
signal [adc counts]

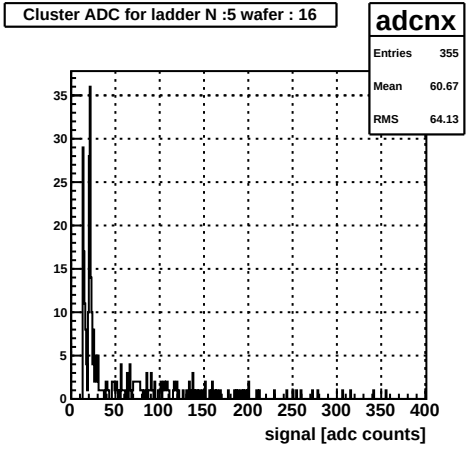

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2456
Mean 32.63
RMS 38.18
signal [adc counts]

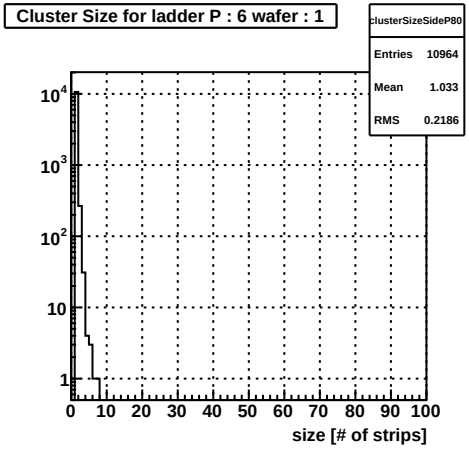

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1175
Mean 1.149
RMS 0.521
size [# of strips]

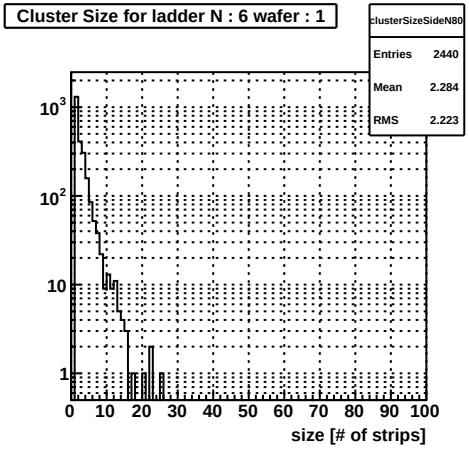

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 355
Mean 1.332
RMS 0.6162
size [# of strips]

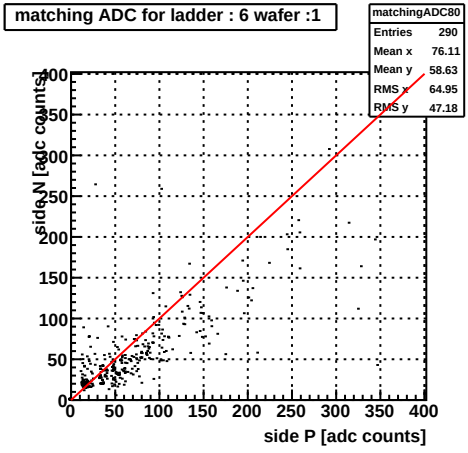

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 127
Mean x 99.02
Mean y 110.5
RMS x 65.78
RMS y 74.04
side N [adc counts]
side P [adc counts]

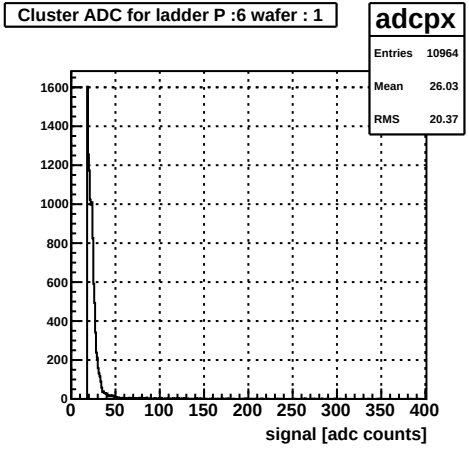

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1175
Mean 49.79
RMS 47.39
signal [adc counts]

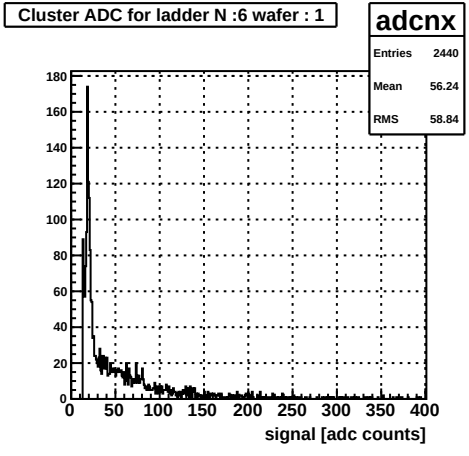

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 355
Mean 60.67
RMS 64.13
signal [adc counts]

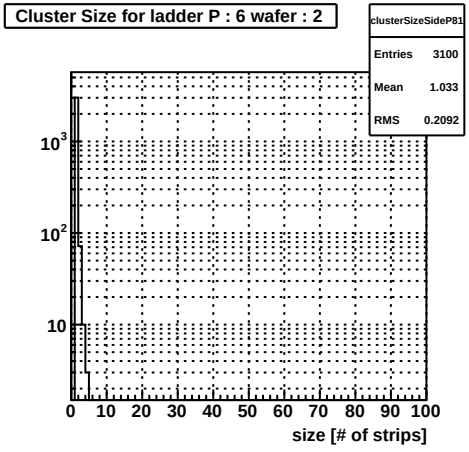

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10964
Mean 1.033
RMS 0.2186
size [# of strips]

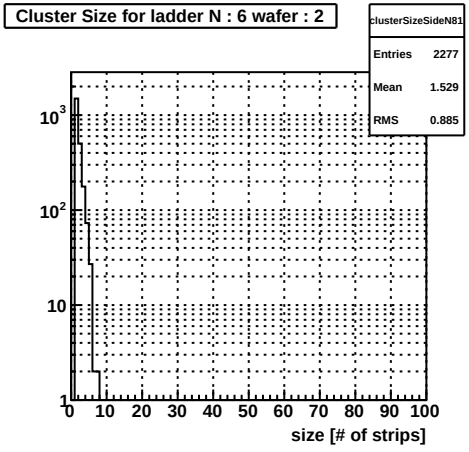

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2440
Mean 2.284
RMS 2.223
size [# of strips]

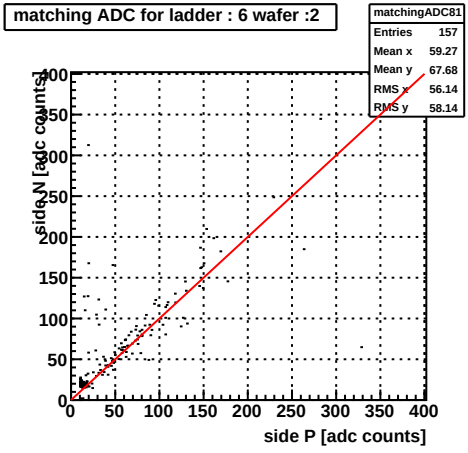

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 290
Mean x 76.11
Mean y 58.63
RMS x 64.95
RMS y 47.18
side N [adc counts]
side P [adc counts]

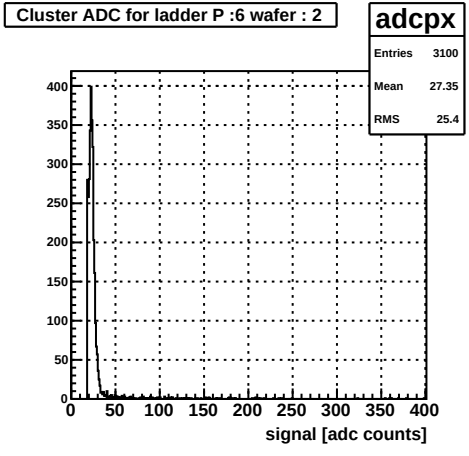

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10964
Mean 26.03
RMS 20.37
signal [adc counts]

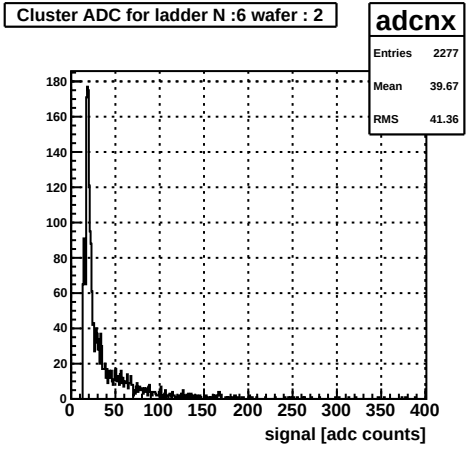

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2440
Mean 56.24
RMS 58.84
signal [adc counts]

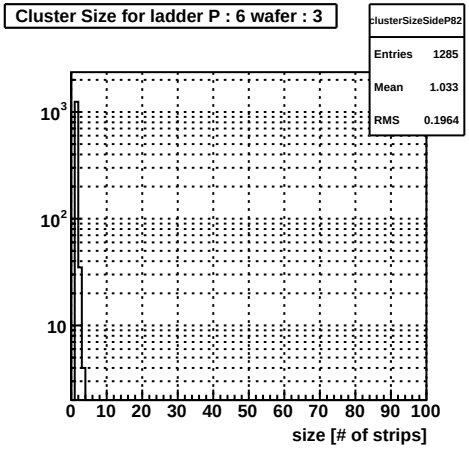

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3100
Mean 1.033
RMS 0.2092
size [# of strips]

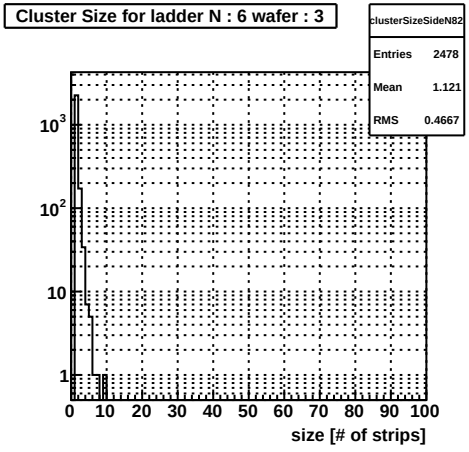

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2277
Mean 1.529
RMS 0.885
size [# of strips]

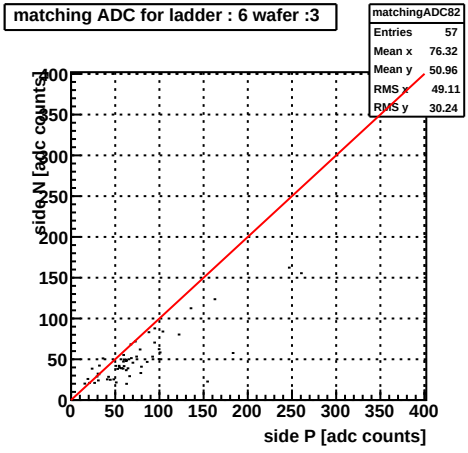

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 157
Mean x 59.27
Mean y 67.68
RMS x 56.14
RMS y 58.14
side N [adc counts]
side P [adc counts]

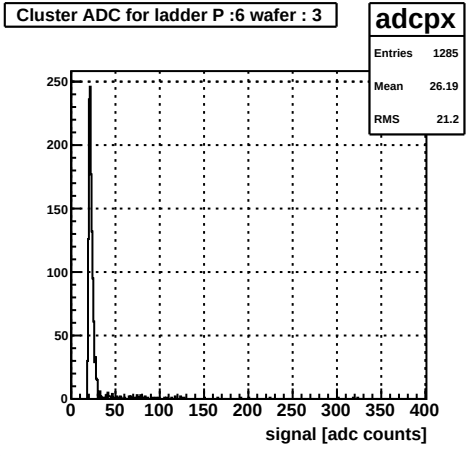

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3100
Mean 27.35
RMS 25.4
signal [adc counts]

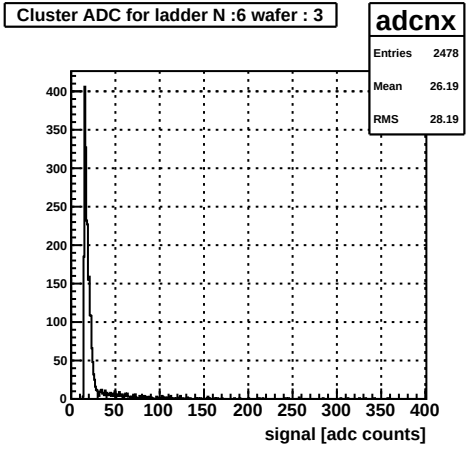

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2277
Mean 39.67
RMS 41.36
signal [adc counts]

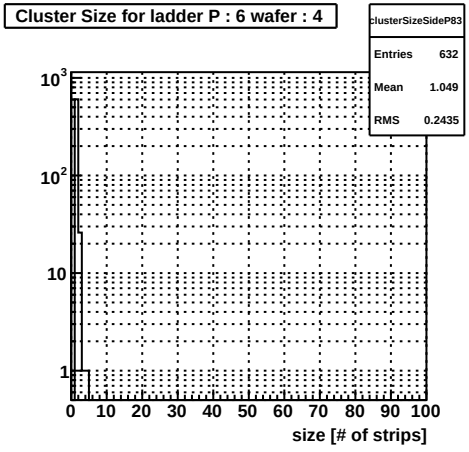

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1285
Mean 1.033
RMS 0.1964
size [# of strips]

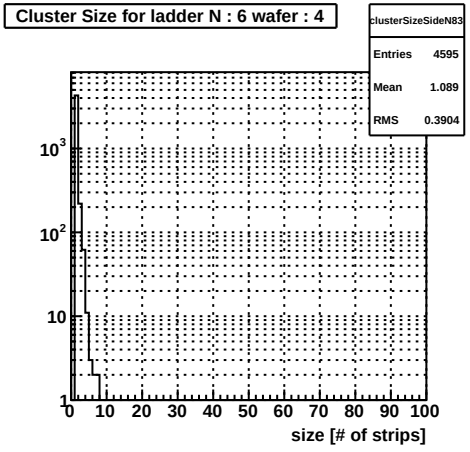

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2478
Mean 1.121
RMS 0.4667
size [# of strips]

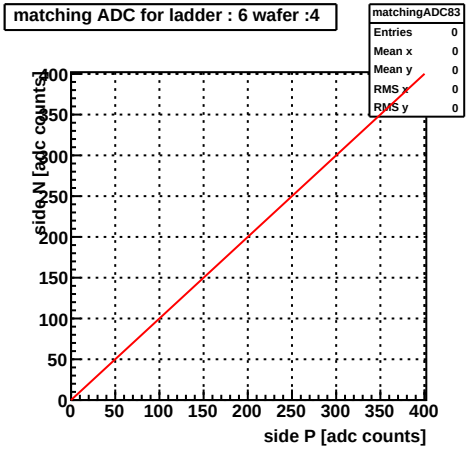

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 57
Mean x 76.32
Mean y 50.96
RMS x 49.11
RMS y 30.24
side N [adc counts]
side P [adc counts]

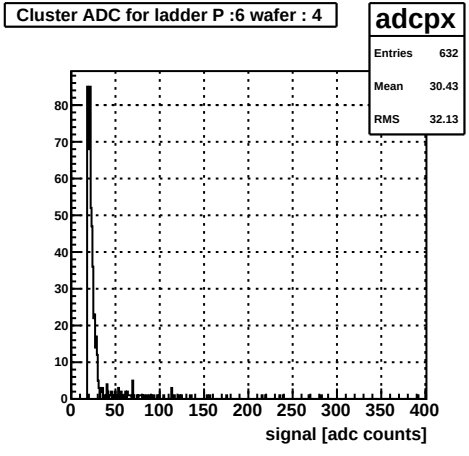

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1285
Mean 26.19
RMS 21.2
signal [adc counts]

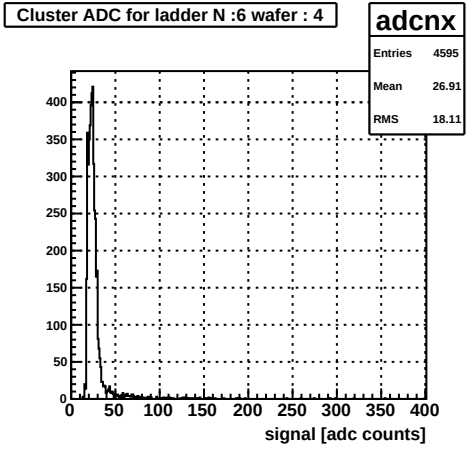

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2478
Mean 26.19
RMS 28.19
signal [adc counts]

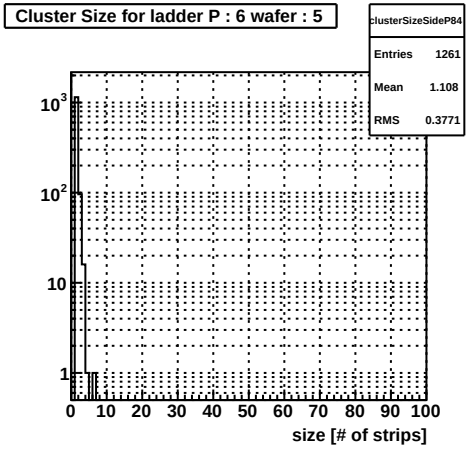

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 632
Mean 1.049
RMS 0.2435
size [# of strips]

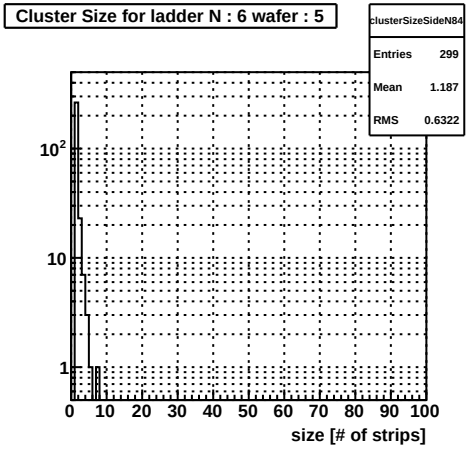

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 4595
Mean 1.089
RMS 0.3904
size [# of strips]

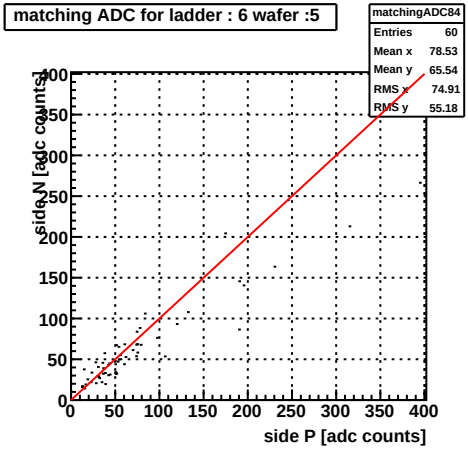

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

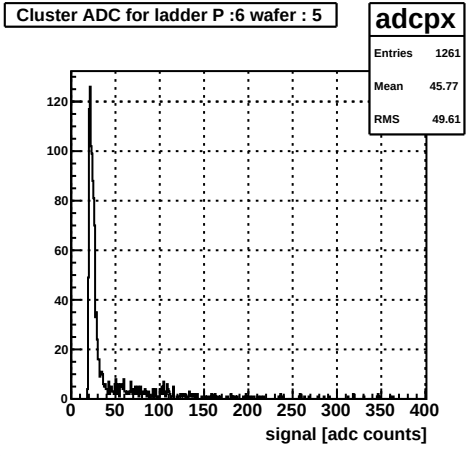

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 632
Mean 30.43
RMS 32.13
signal [adc counts]

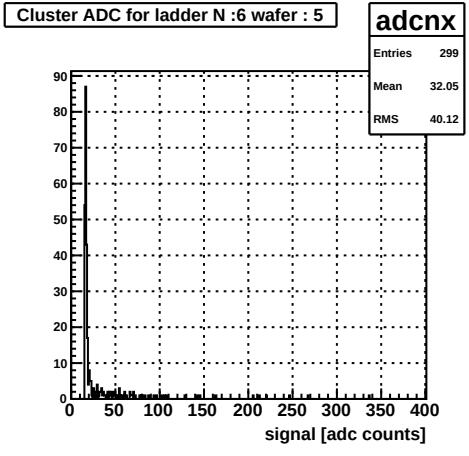

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 4595
Mean 26.91
RMS 18.11
signal [adc counts]

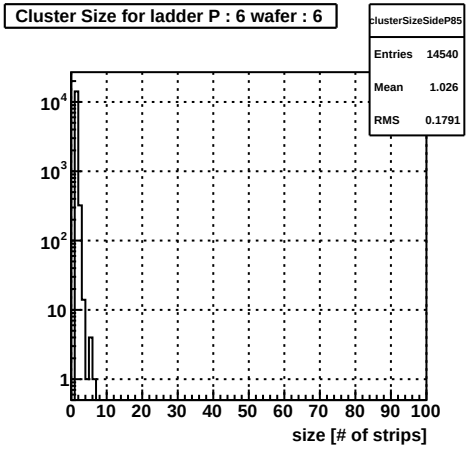

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1261
Mean 1.108
RMS 0.3771
size [# of strips]

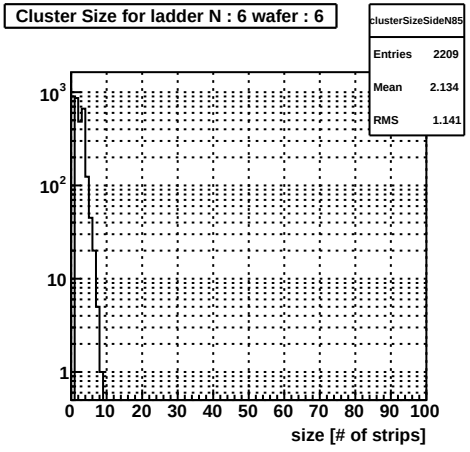

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 299
Mean 1.187
RMS 0.6322
size [# of strips]

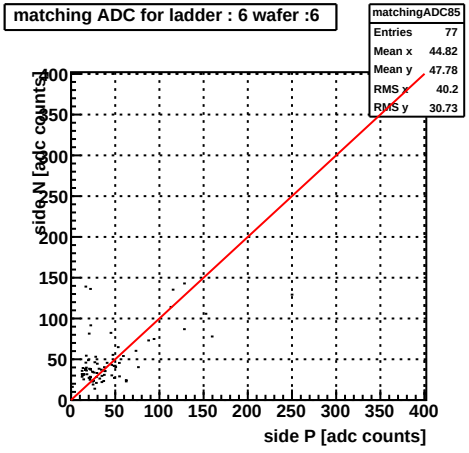

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 60
Mean x 78.53
Mean y 65.54
RMS x 74.91
RMS y 55.18
side N [adc counts]
side P [adc counts]

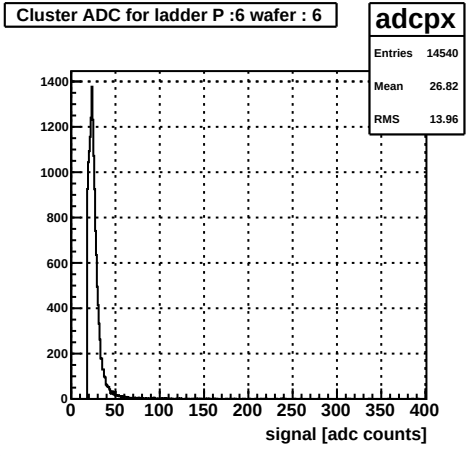

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1261
Mean 45.77
RMS 49.61
signal [adc counts]

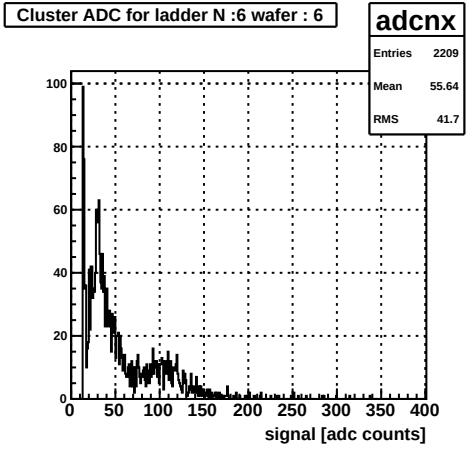

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 299
Mean 32.05
RMS 40.12
signal [adc counts]

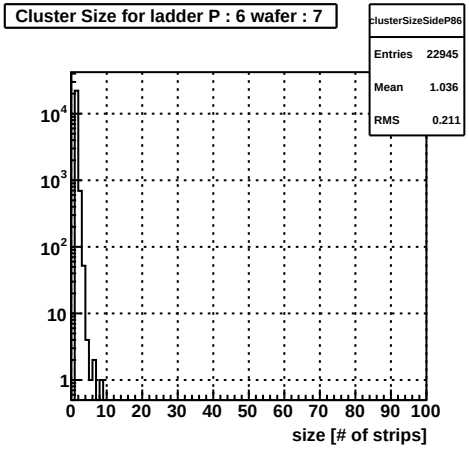

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 14540
Mean 1.026
RMS 0.1791
size [# of strips]

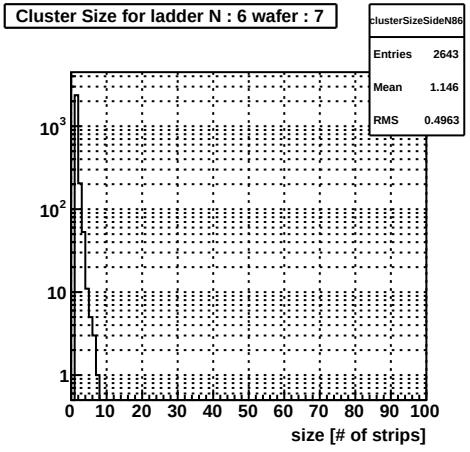

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2209
Mean 2.134
RMS 1.141
size [# of strips]

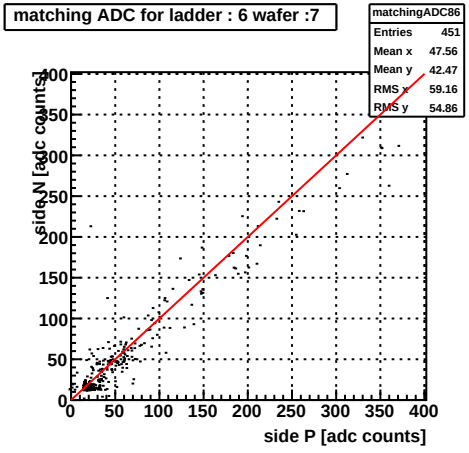

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 77
Mean x 44.82
Mean y 47.78
RMS x 40.2
RMS y 30.73
side N [adc counts]
side P [adc counts]

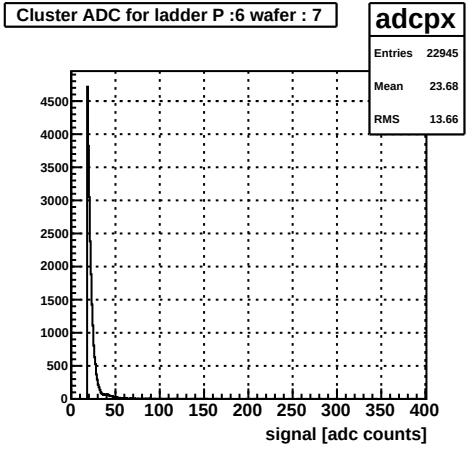

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 14540
Mean 26.82
RMS 13.96
signal [adc counts]

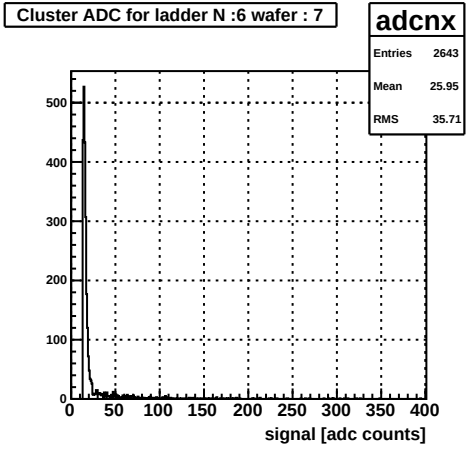

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2209
Mean 55.64
RMS 41.7
signal [adc counts]

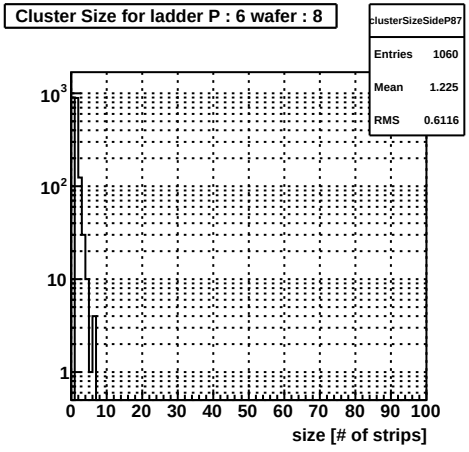

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 22945
Mean 1.036
RMS 0.211
size [# of strips]

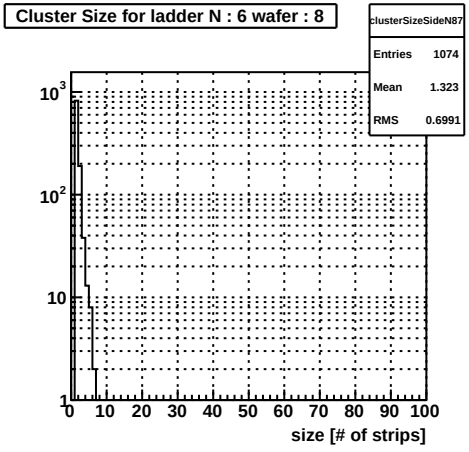

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2643
Mean 1.146
RMS 0.4963
size [# of strips]

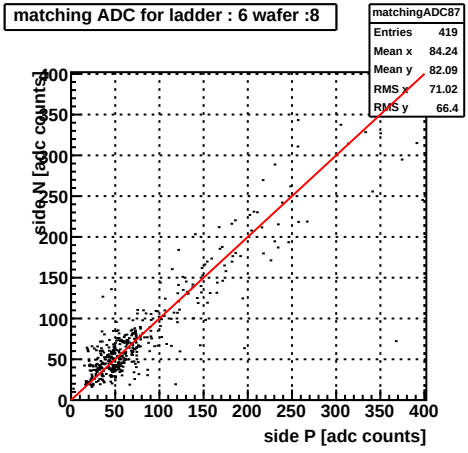

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 451
Mean x 47.56
Mean y 42.47
RMS x 59.16
RMS y 54.86
side N [adc counts]
side P [adc counts]

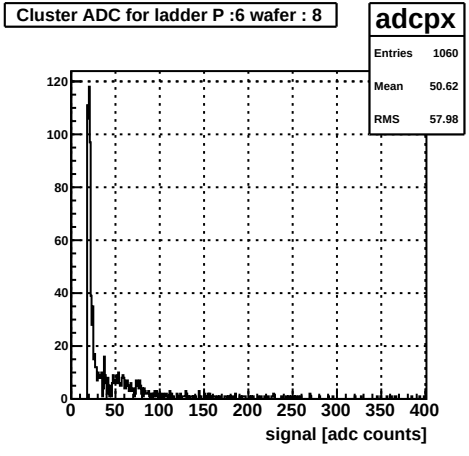

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 22945
Mean 23.68
RMS 13.66
signal [adc counts]

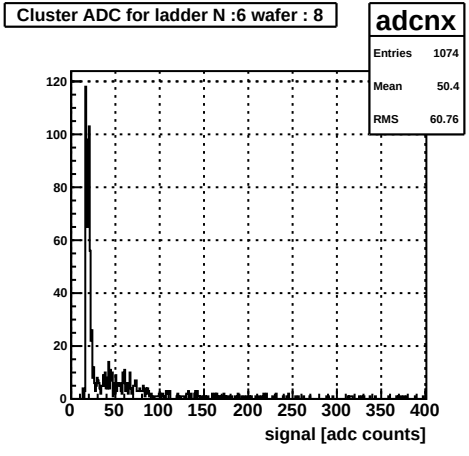

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2643
Mean 25.95
RMS 35.71
signal [adc counts]

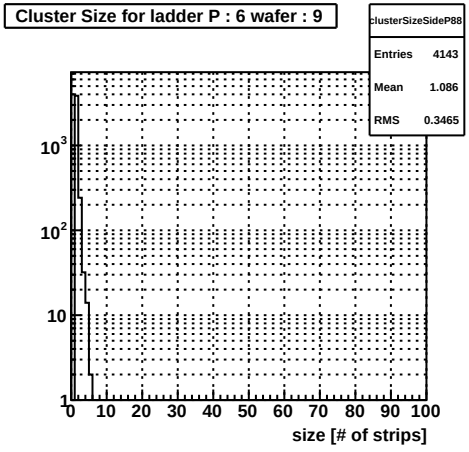

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1060
Mean 1.225
RMS 0.6116
size [# of strips]

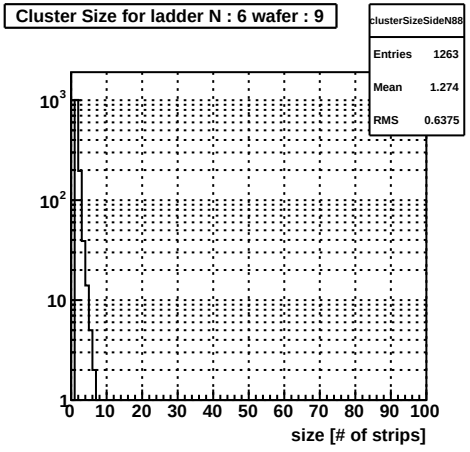

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1074
Mean 1.323
RMS 0.6991
size [# of strips]

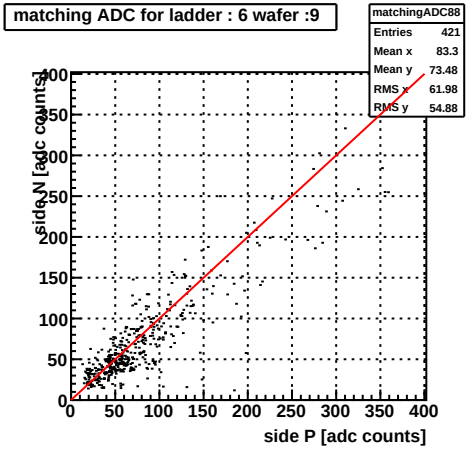

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 419
Mean x 84.24
Mean y 82.09
RMS x 71.02
RMS y 66.4
side N [adc counts]
side P [adc counts]

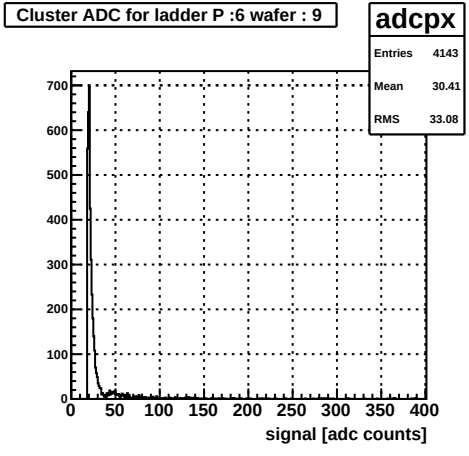

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1060
Mean 50.62
RMS 57.98
signal [adc counts]

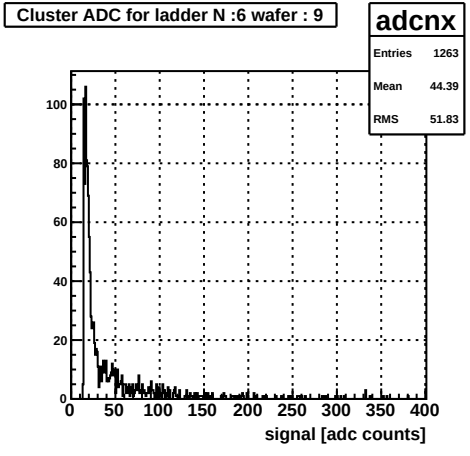

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1074
Mean 50.4
RMS 60.76
signal [adc counts]

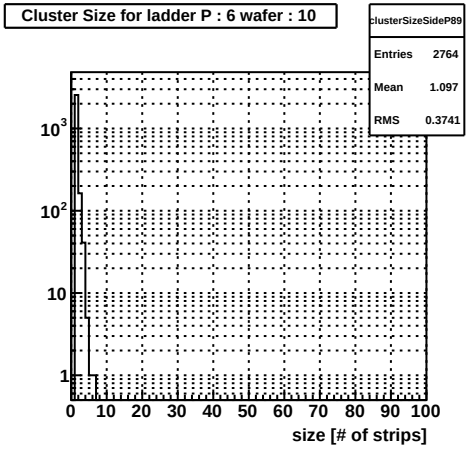

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4143
Mean 1.086
RMS 0.3465
size [# of strips]

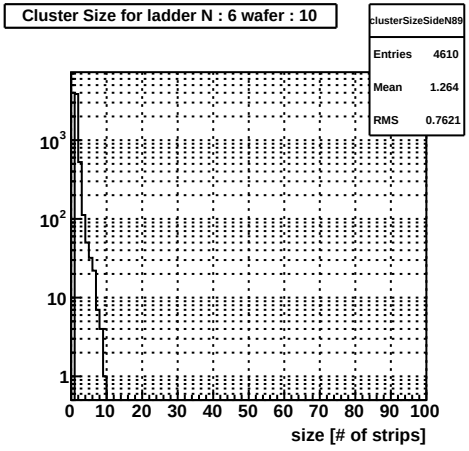

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1263
Mean 1.274
RMS 0.6375
size [# of strips]

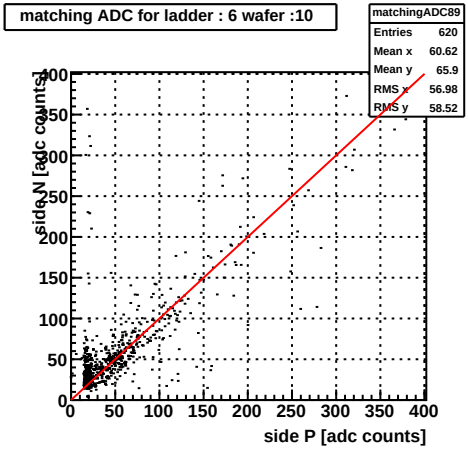

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 421
Mean x 83.3
Mean y 73.48
RMS x 61.98
RMS y 54.88
side N [adc counts]
side P [adc counts]

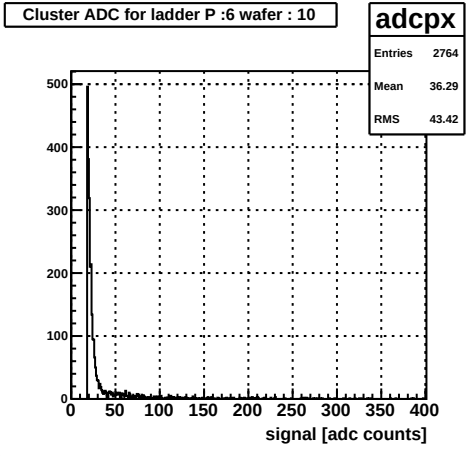

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4143
Mean 30.41
RMS 33.08
signal [adc counts]

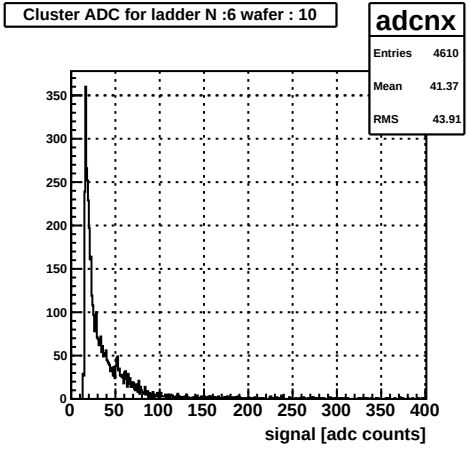

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1263
Mean 44.39
RMS 51.83
signal [adc counts]

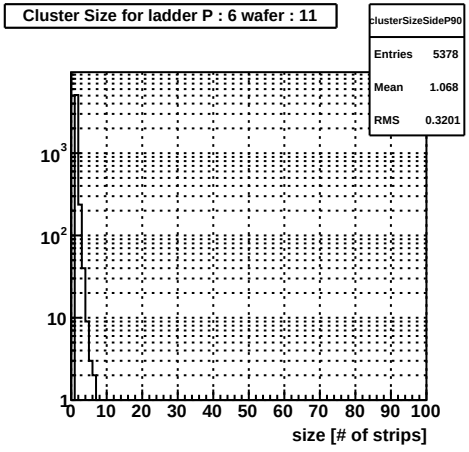

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2764
Mean 1.097
RMS 0.3741
size [# of strips]

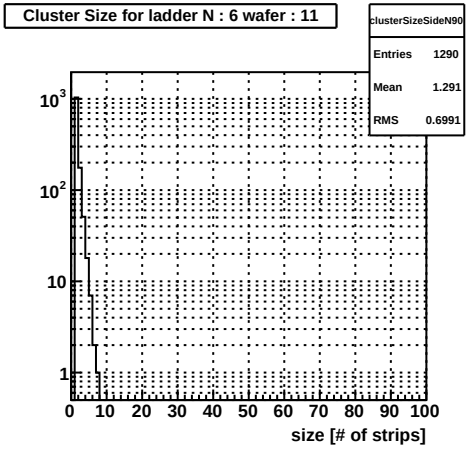

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 4610
Mean 1.264
RMS 0.7621
size [# of strips]

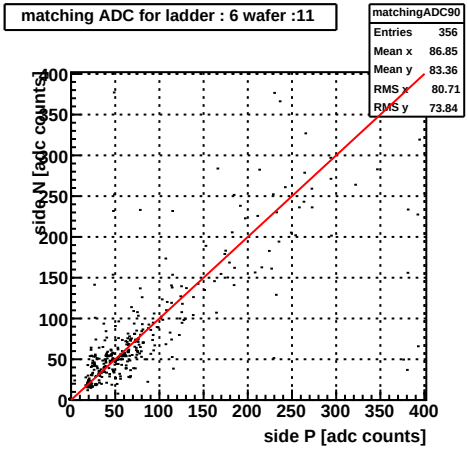

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 620
Mean x 60.62
Mean y 65.9
RMS x 56.98
RMS y 58.52
side N [adc counts]
side P [adc counts]

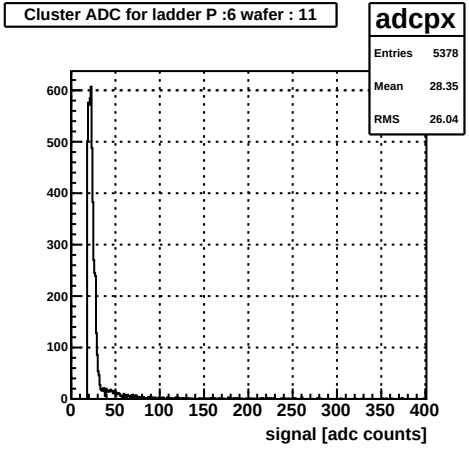

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2764
Mean 36.29
RMS 43.42
signal [adc counts]

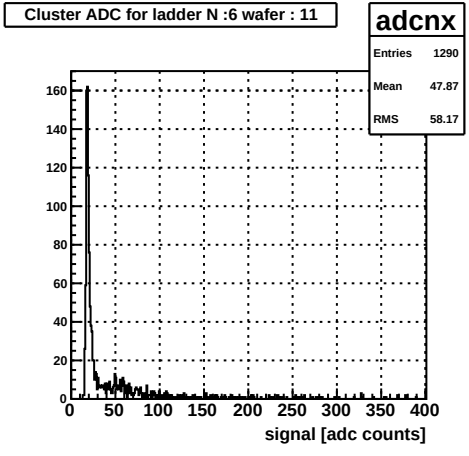

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 4610
Mean 41.37
RMS 43.91
signal [adc counts]

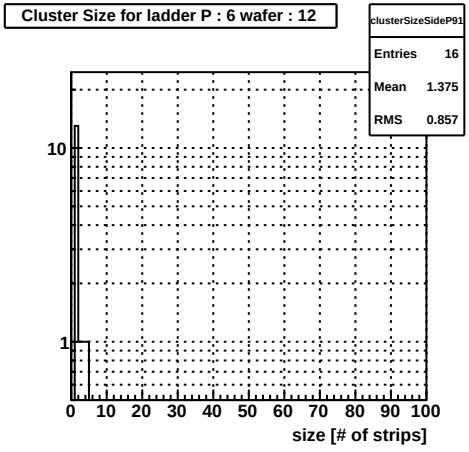

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5378
Mean 1.068
RMS 0.3201
size [# of strips]

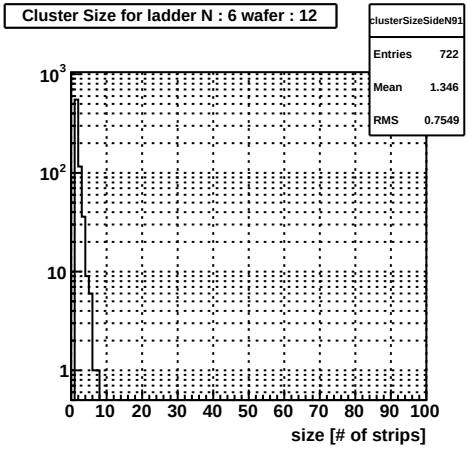

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1290
Mean 1.291
RMS 0.6991
size [# of strips]

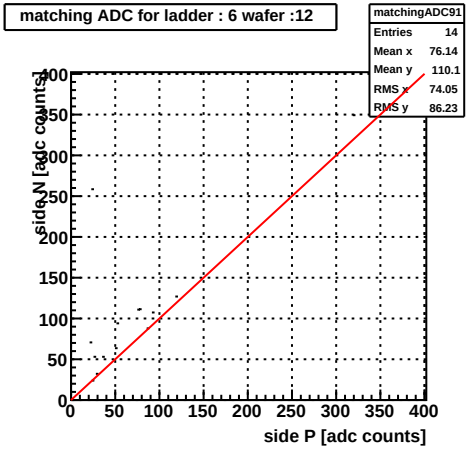

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 356
Mean x 86.85
Mean y 83.36
RMS x 80.71
RMS y 73.84
side N [adc counts]
side P [adc counts]

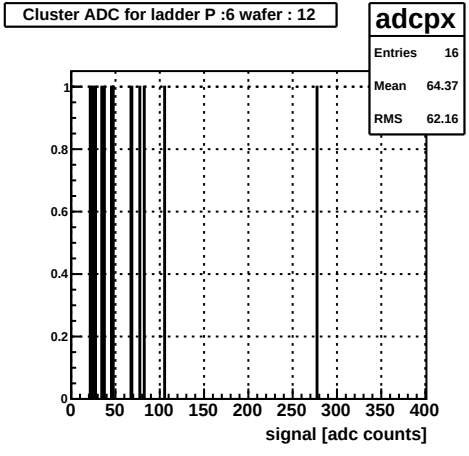

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5378
Mean 28.35
RMS 26.04
signal [adc counts]

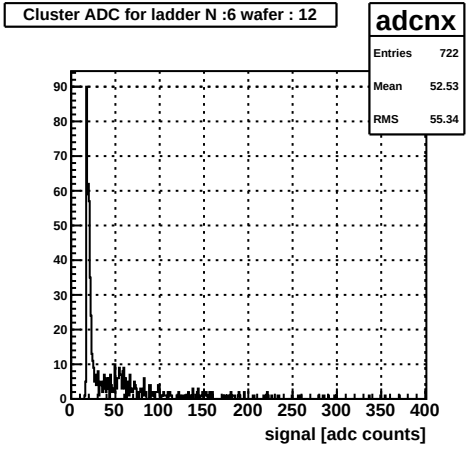

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1290
Mean 47.87
RMS 58.17
signal [adc counts]

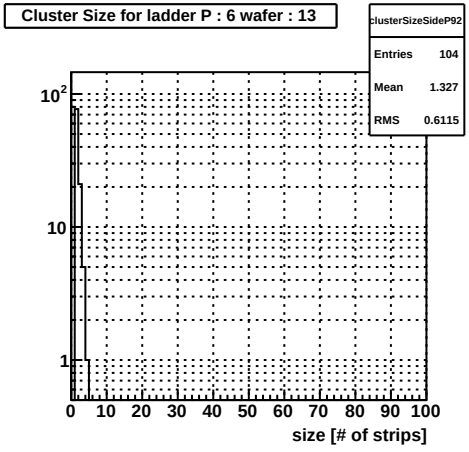

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 16
Mean 1.375
RMS 0.857
size [# of strips]

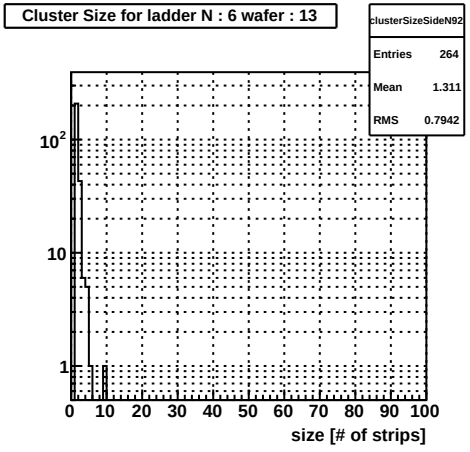

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 722
Mean 1.346
RMS 0.7549
size [# of strips]

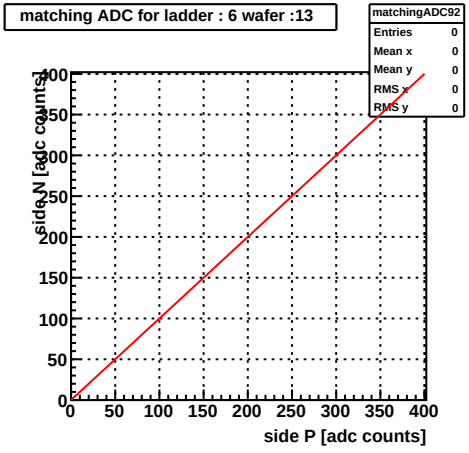

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 14
Mean x 76.14
Mean y 110.1
RMS x 74.05
RMS y 86.23
side N [adc counts]
side P [adc counts]

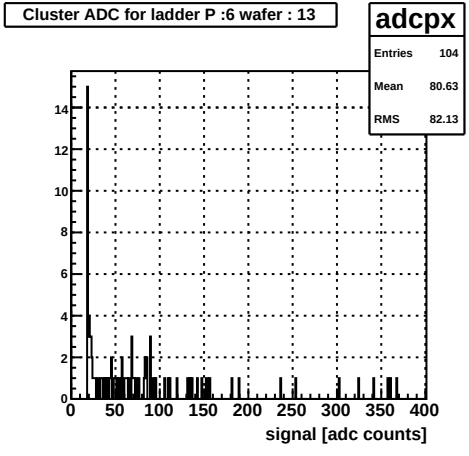

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 16
Mean 64.37
RMS 62.16
signal [adc counts]

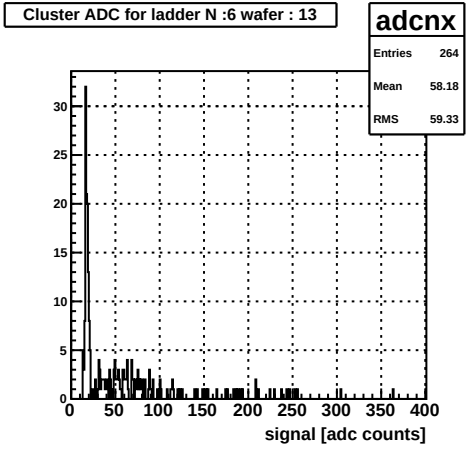

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 722
Mean 52.53
RMS 55.34
signal [adc counts]

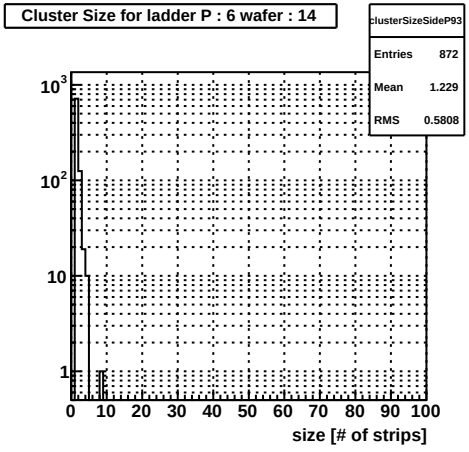

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 104
Mean 1.327
RMS 0.6115
size [# of strips]

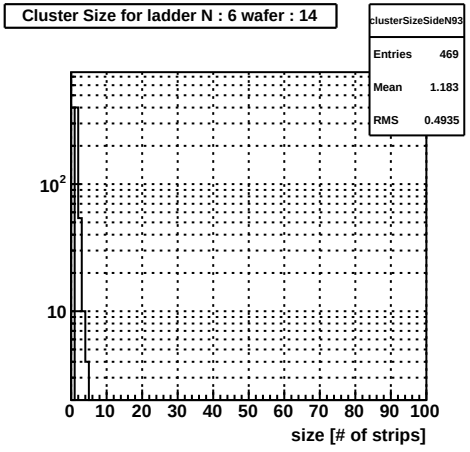

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 264
Mean 1.311
RMS 0.7942
size [# of strips]

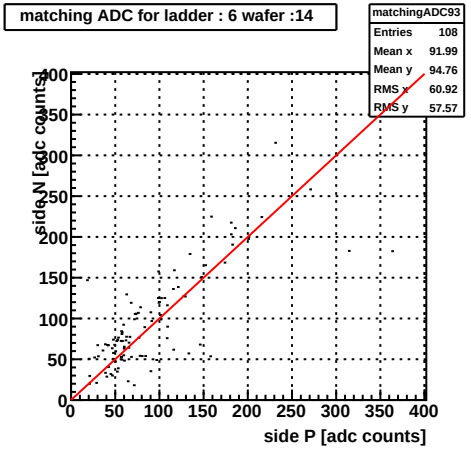

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

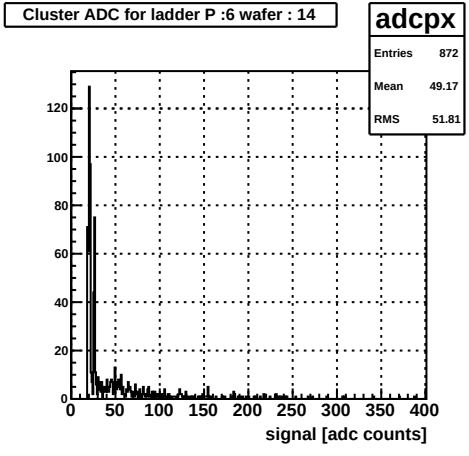

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 104
Mean 80.63
RMS 82.13
signal [adc counts]

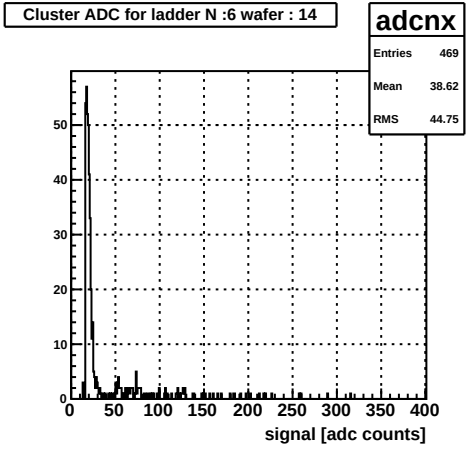

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 264
Mean 58.18
RMS 59.33
signal [adc counts]

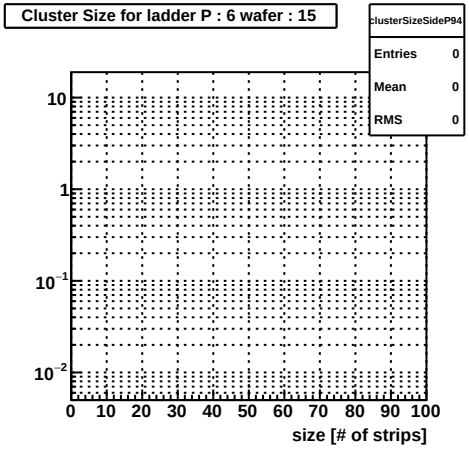

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 872
Mean 1.229
RMS 0.5808
size [# of strips]

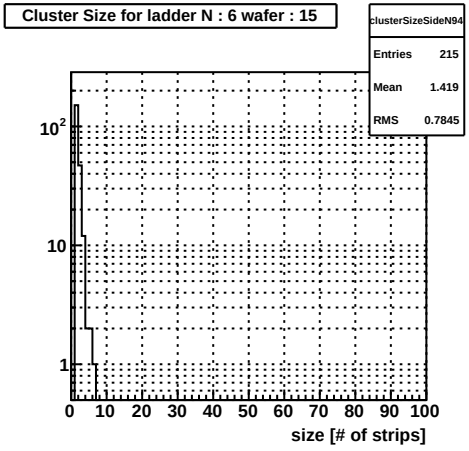

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 469
Mean 1.183
RMS 0.4935
size [# of strips]

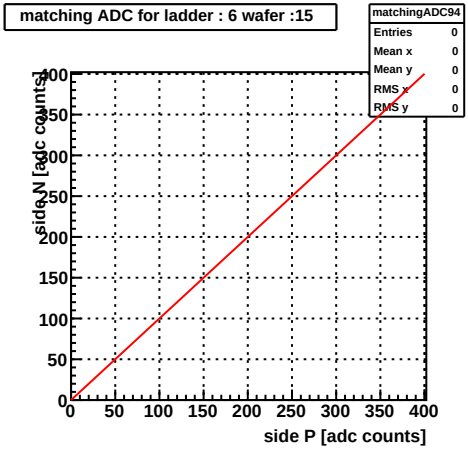

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 108
Mean x 91.99
Mean y 94.76
RMS x 60.92
RMS y 57.57
side N [adc counts]
side P [adc counts]

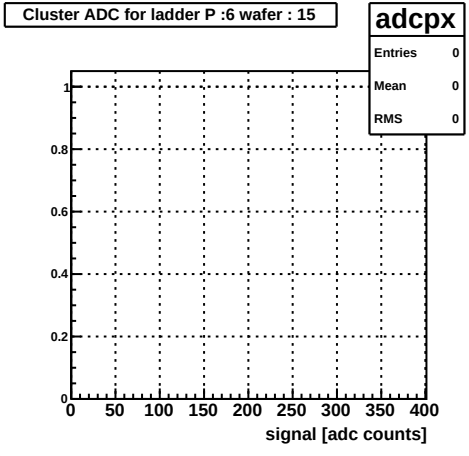

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 872
Mean 49.17
RMS 51.81
signal [adc counts]

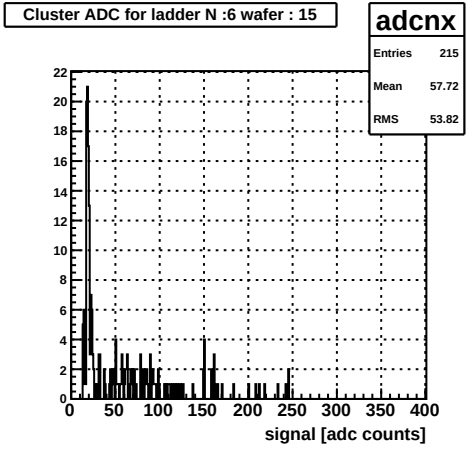

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 469
Mean 38.62
RMS 44.75
signal [adc counts]

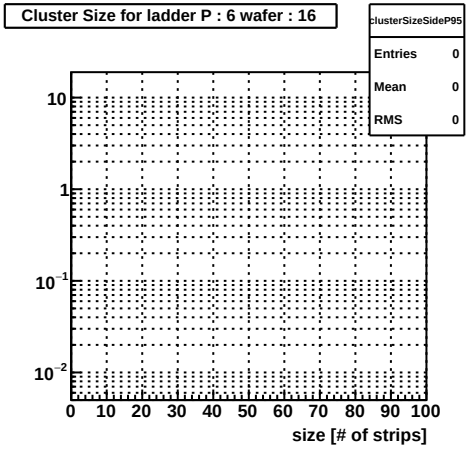

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

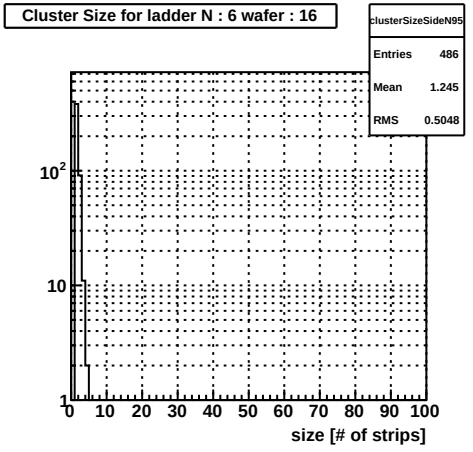

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 215
Mean 1.419
RMS 0.7845
size [# of strips]

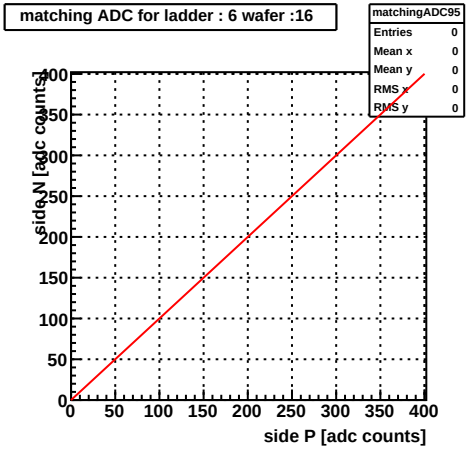

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

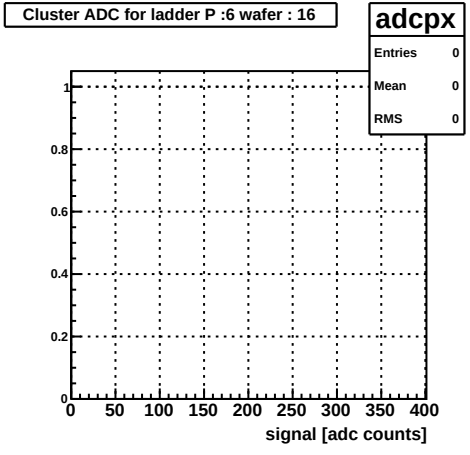

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

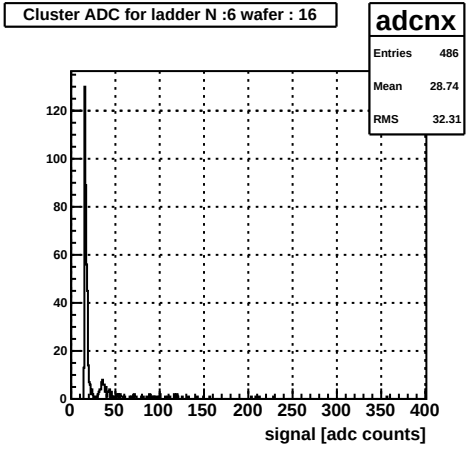

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 215
Mean 57.72
RMS 53.82
signal [adc counts]

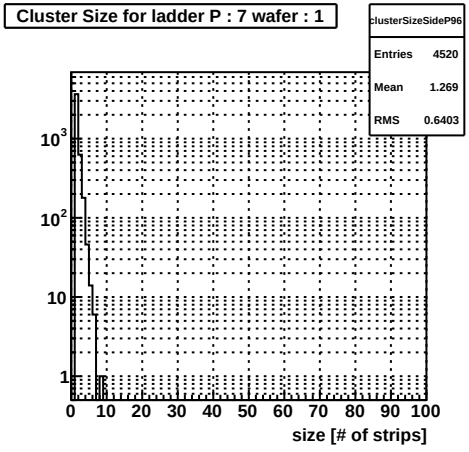

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

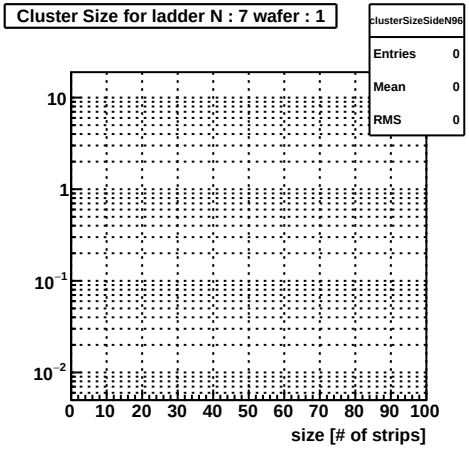

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 486
Mean 1.245
RMS 0.5048
size [# of strips]

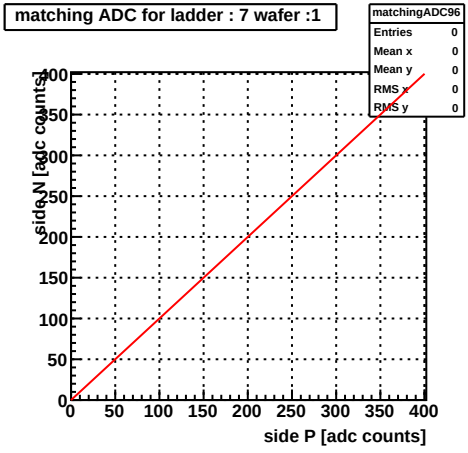

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

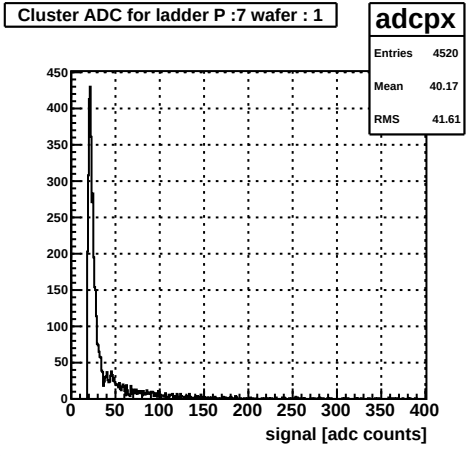

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

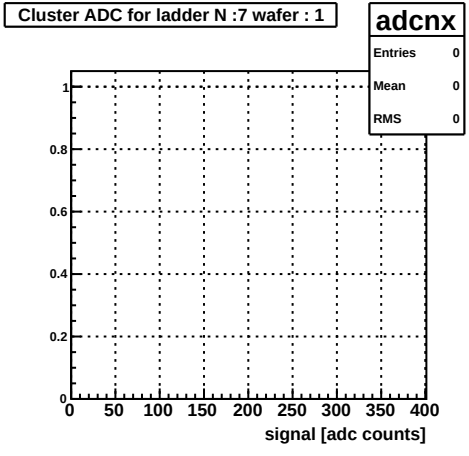

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 486
Mean 28.74
RMS 32.31
signal [adc counts]

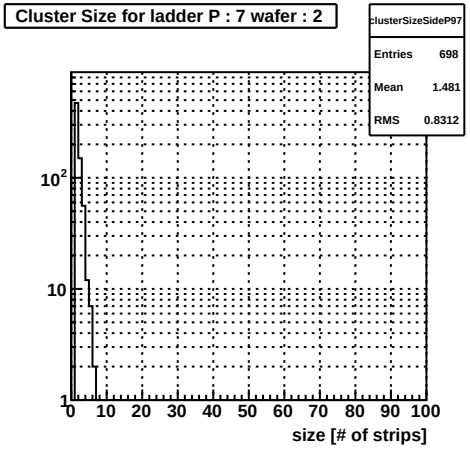

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 4520
Mean 1.269
RMS 0.6403
size [# of strips]

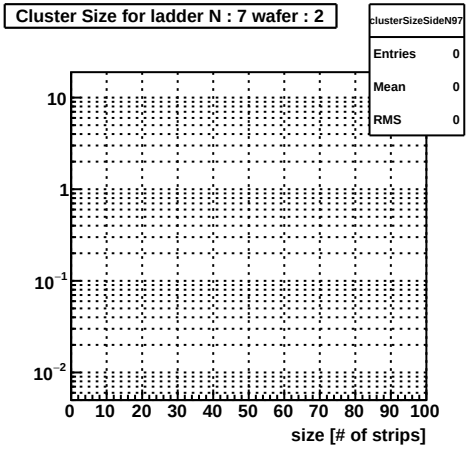

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

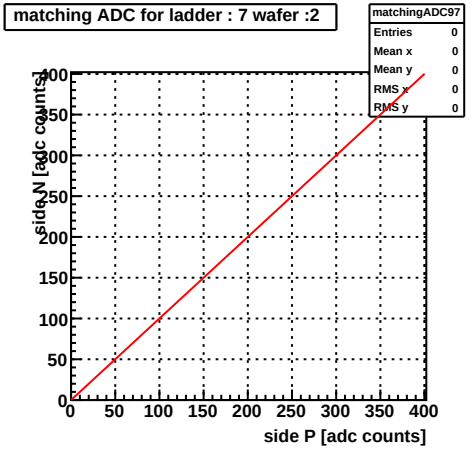

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

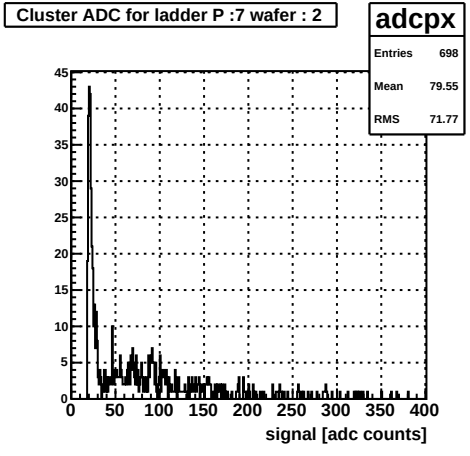

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 4520
Mean 40.17
RMS 41.61
signal [adc counts]

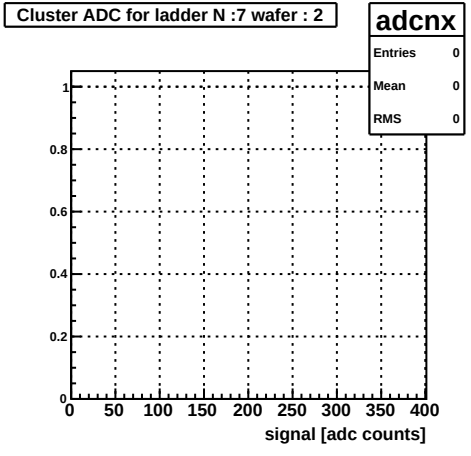

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

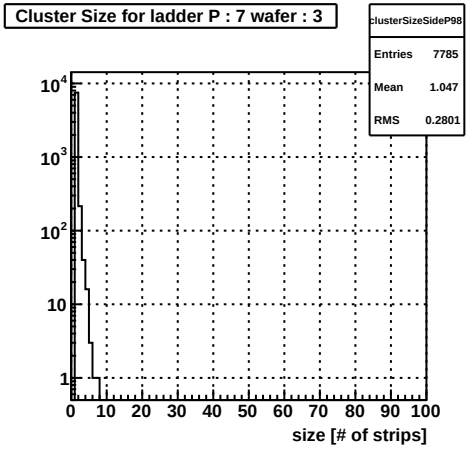

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 698
Mean 1.481
RMS 0.8312
size [# of strips]

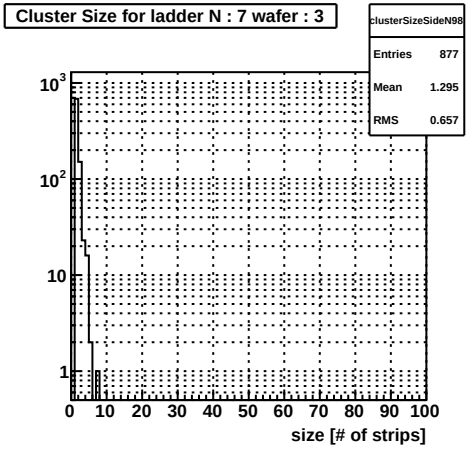

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

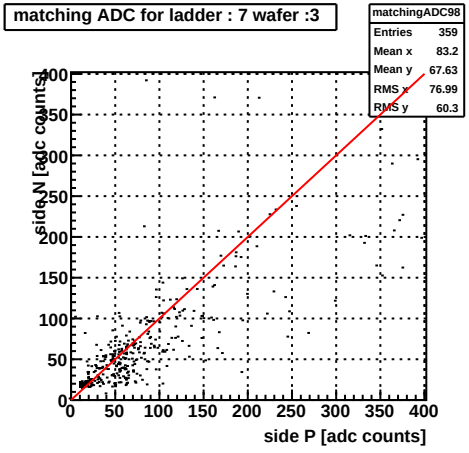

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

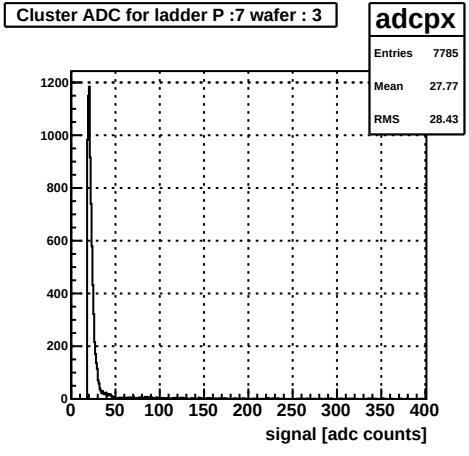

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 698
Mean 79.55
RMS 71.77
signal [adc counts]

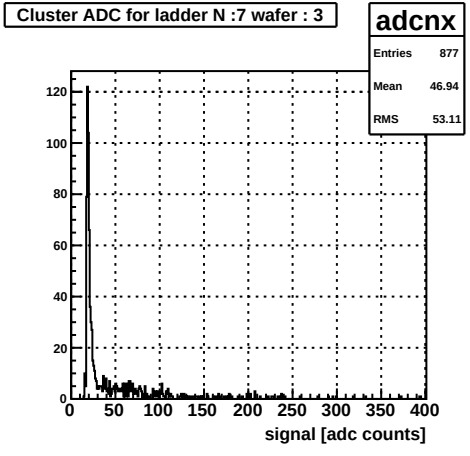

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

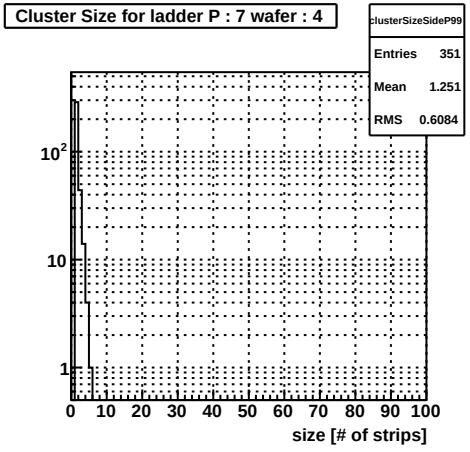

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7785
Mean 1.047
RMS 0.2801
size [# of strips]

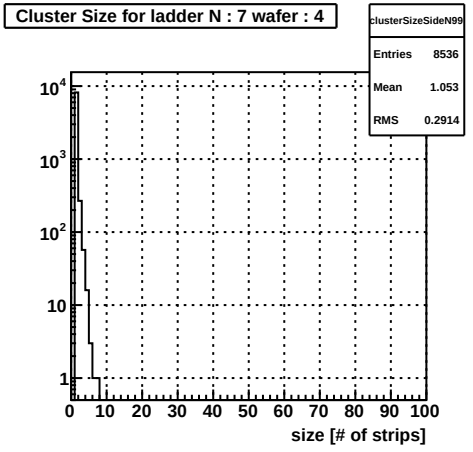

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 877
Mean 1.295
RMS 0.657
size [# of strips]

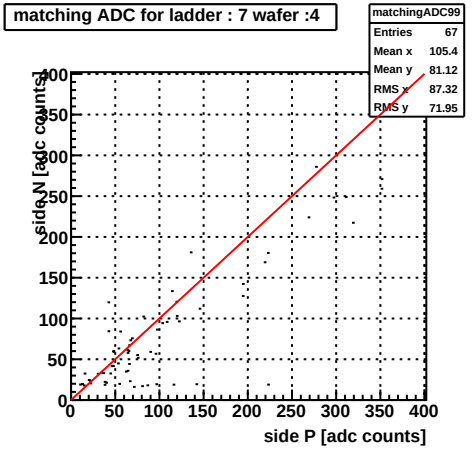

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 359
Mean x 83.2
Mean y 67.63
RMS x 76.99
RMS y 60.3
side N [adc counts]
side P [adc counts]

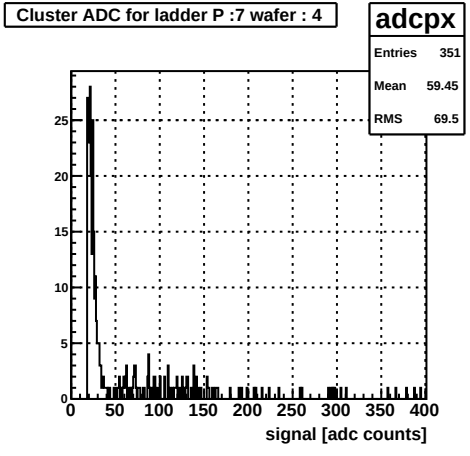

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7785
Mean 27.77
RMS 28.43
signal [adc counts]

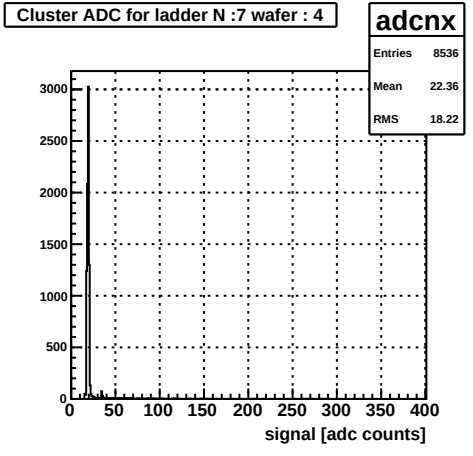

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 877
Mean 46.94
RMS 53.11
signal [adc counts]

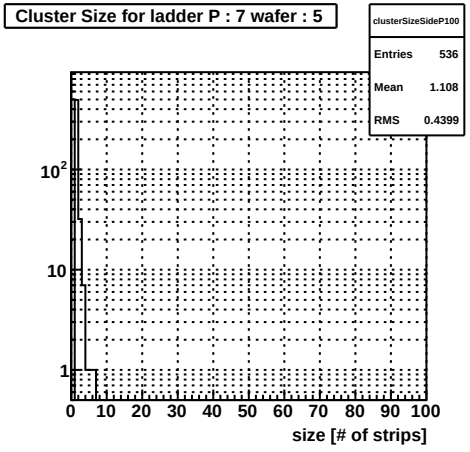

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 351
Mean 1.251
RMS 0.6084
size [# of strips]

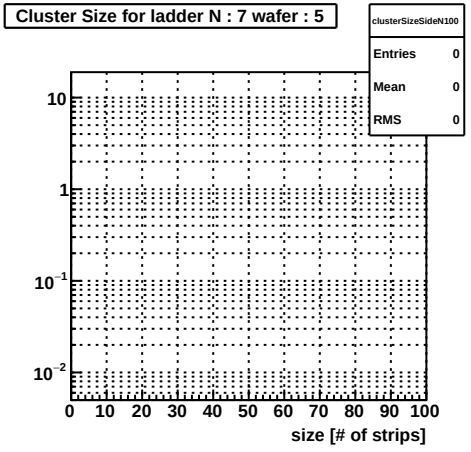

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8536
Mean 1.053
RMS 0.2914
size [# of strips]

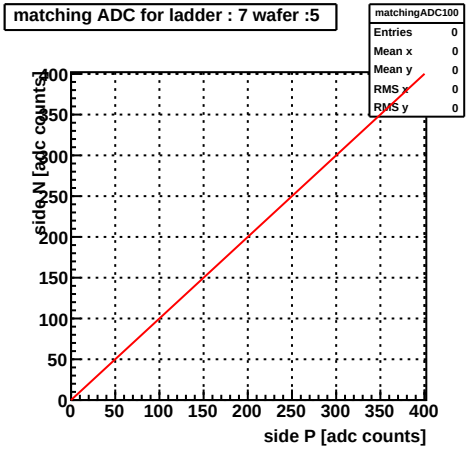

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 67
Mean x 105.4
Mean y 81.12
RMS x 87.32
RMS y 71.95
side N [adc counts]
side P [adc counts]

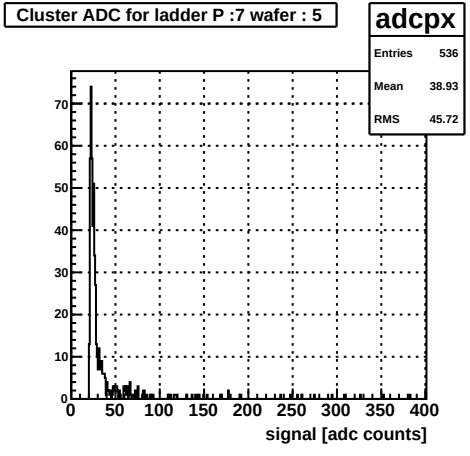

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 351
Mean 59.45
RMS 69.5
signal [adc counts]

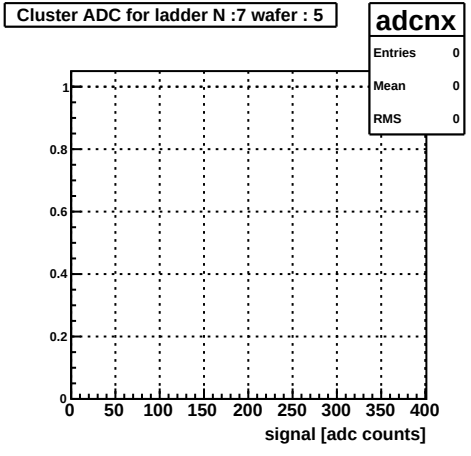

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8536
Mean 22.36
RMS 18.22
signal [adc counts]

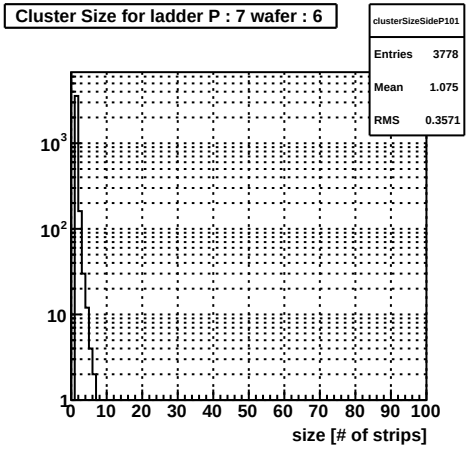

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 536
Mean 1.108
RMS 0.4399
size [# of strips]

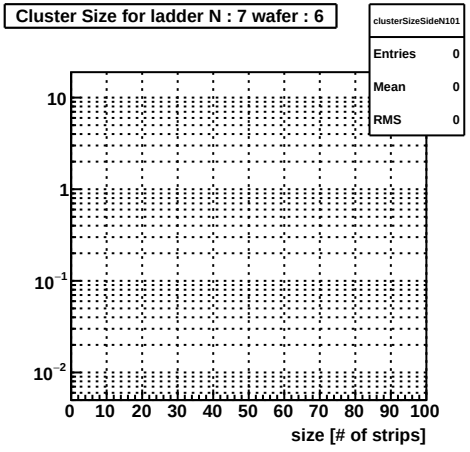

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

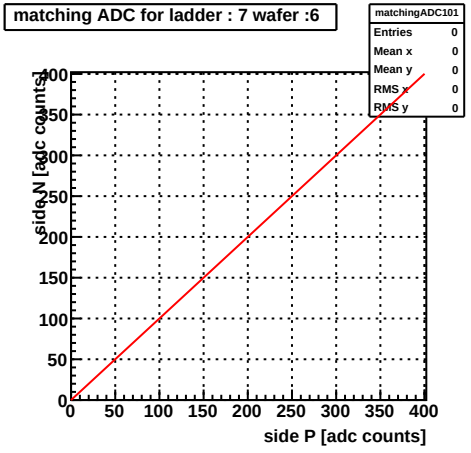

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

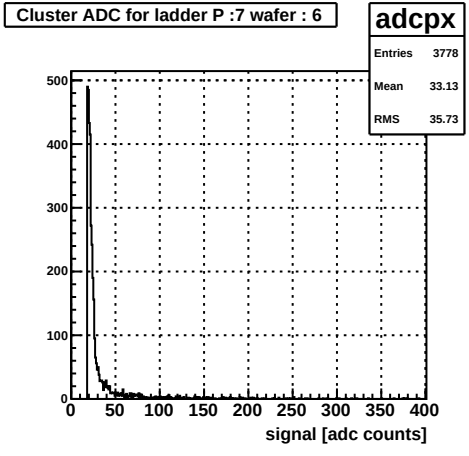

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 536
Mean 38.93
RMS 45.72
signal [adc counts]

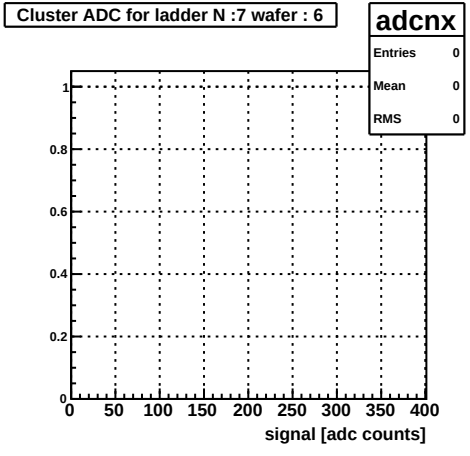

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

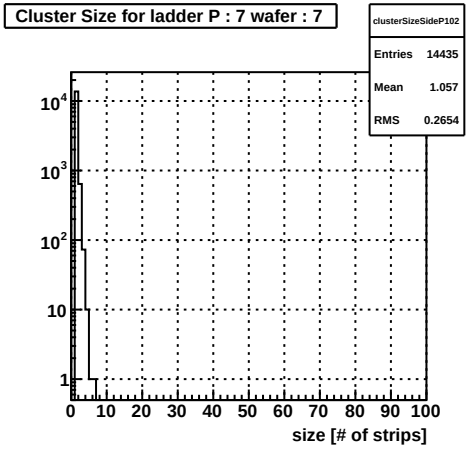

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3778
Mean 1.075
RMS 0.3571
size [# of strips]

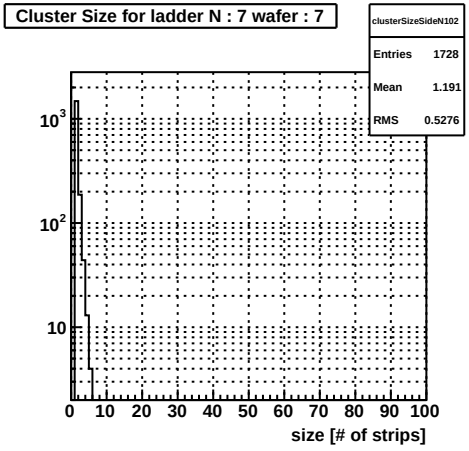

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

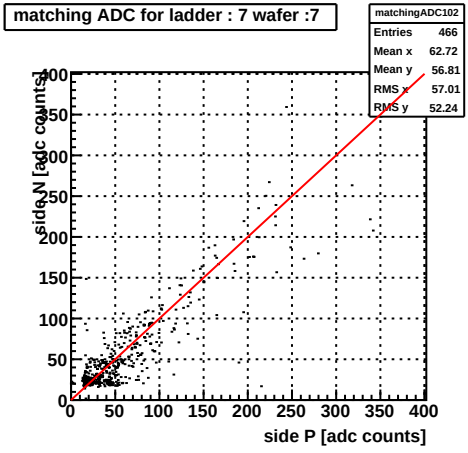

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

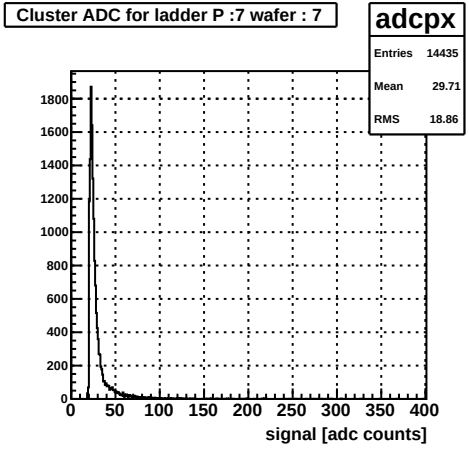

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3778
Mean 33.13
RMS 35.73
signal [adc counts]

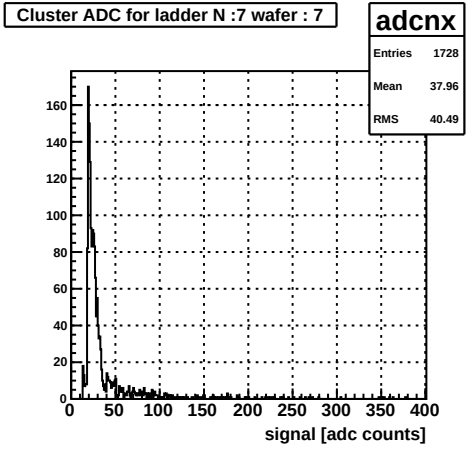

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

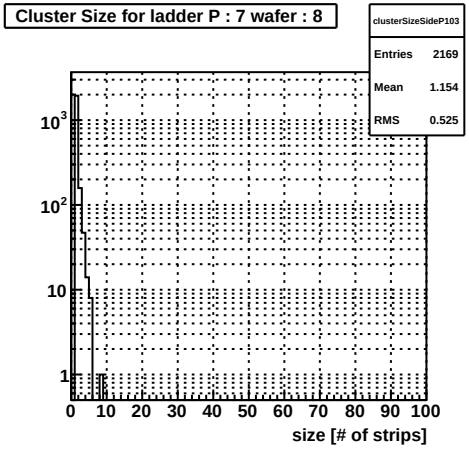

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14435
Mean 1.057
RMS 0.2654
size [# of strips]

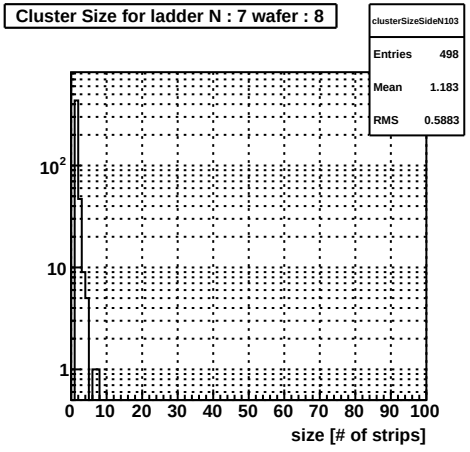

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1728
Mean 1.191
RMS 0.5276
size [# of strips]

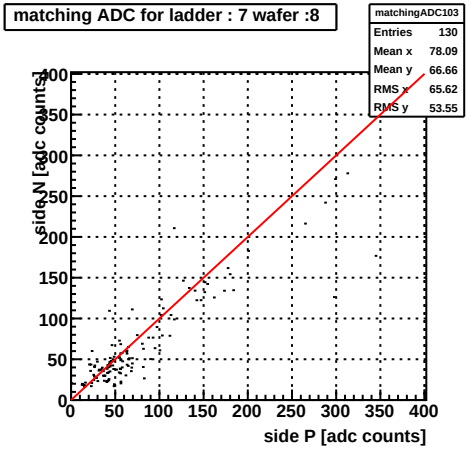

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 466
Mean x 62.72
Mean y 56.81
RMS x 57.01
RMS y 52.24
side N [adc counts]
side P [adc counts]

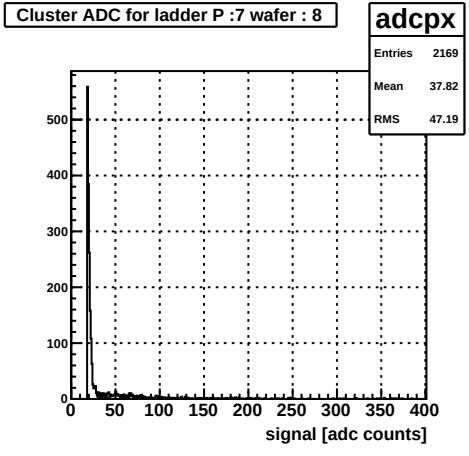

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14435
Mean 29.71
RMS 18.86
signal [adc counts]

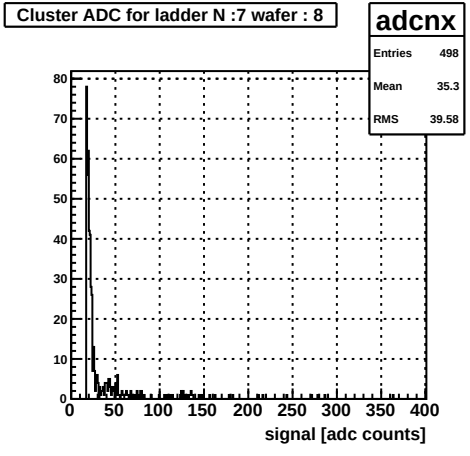

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1728
Mean 37.96
RMS 40.49
signal [adc counts]

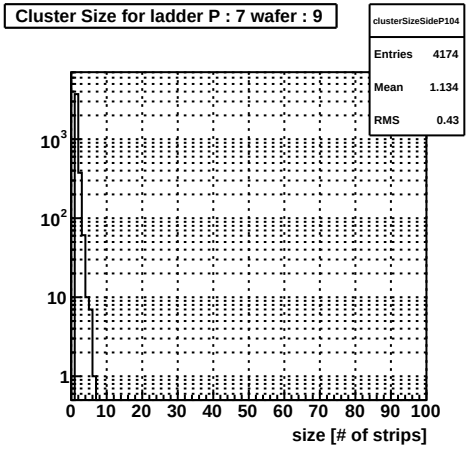

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2169
Mean 1.154
RMS 0.525
size [# of strips]

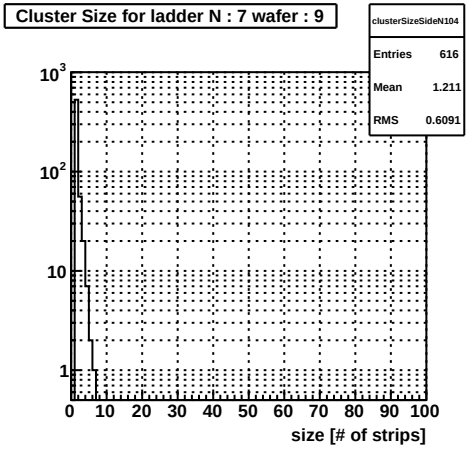

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 498
Mean 1.183
RMS 0.5883
size [# of strips]

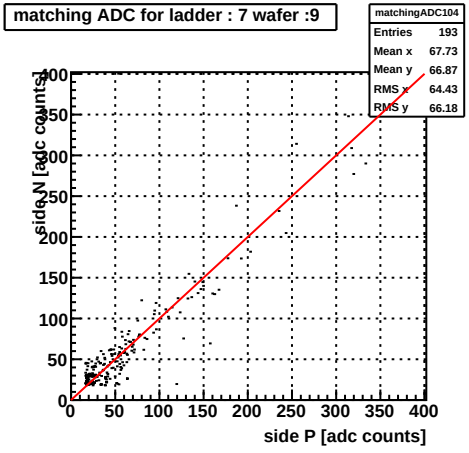

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 130
Mean x 78.09
Mean y 66.66
RMS x 65.62
RMS y 53.55
side N [adc counts]
side P [adc counts]

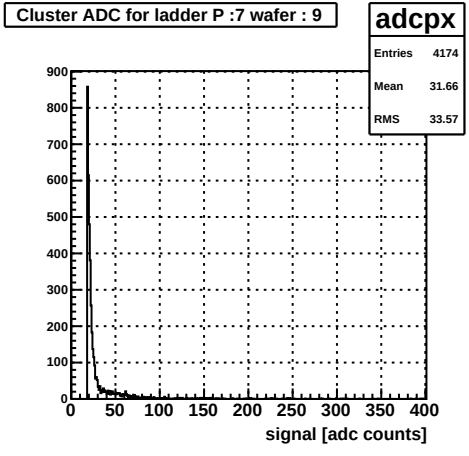

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2169
Mean 37.82
RMS 47.19
signal [adc counts]

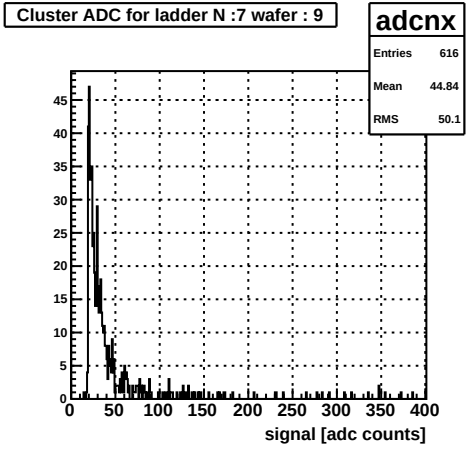

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 498
Mean 35.3
RMS 39.58
signal [adc counts]

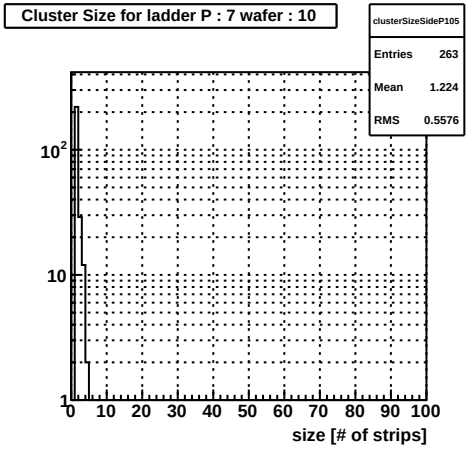

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4174
Mean 1.134
RMS 0.43
size [# of strips]

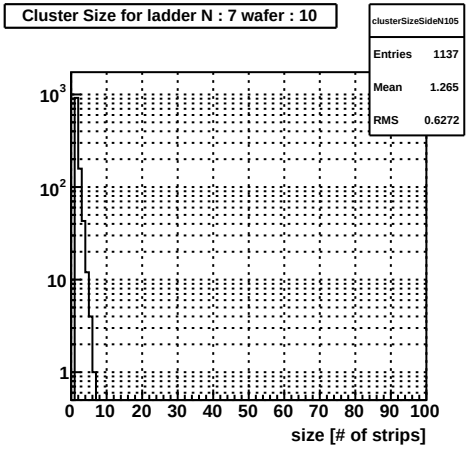

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 616
Mean 1.211
RMS 0.6091
size [# of strips]

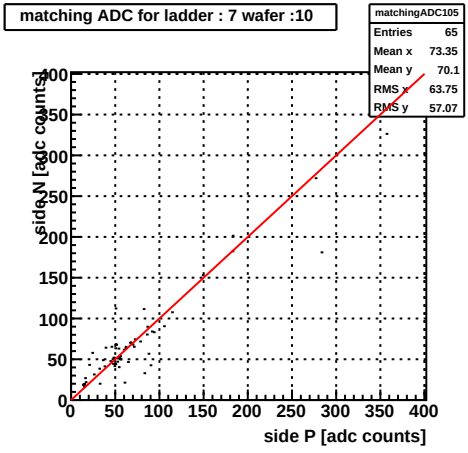

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 193
Mean x 67.73
Mean y 66.87
RMS x 64.43
RMS y 66.18
side N [adc counts]
side P [adc counts]

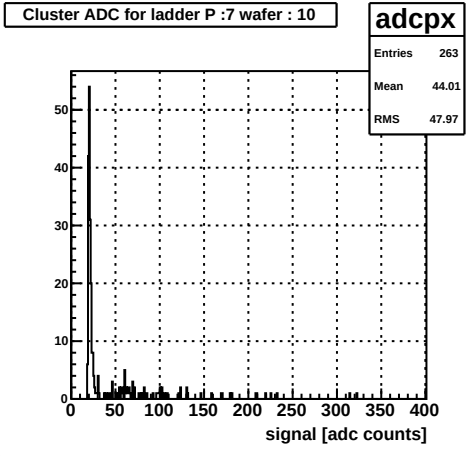

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4174
Mean 31.66
RMS 33.57
signal [adc counts]

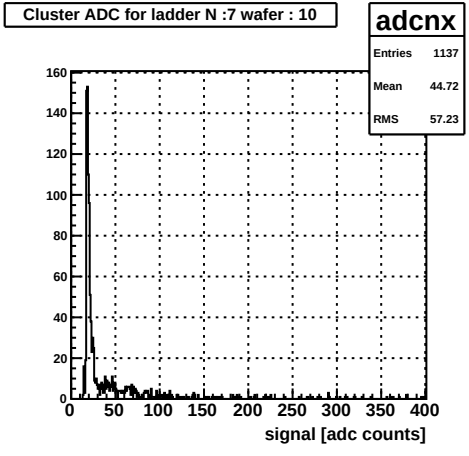

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 616
Mean 44.84
RMS 50.1
signal [adc counts]

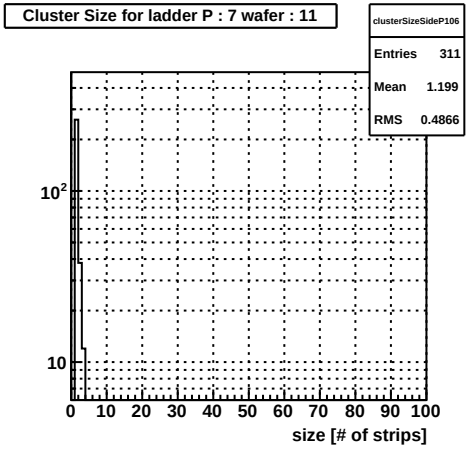

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 263
Mean 1.224
RMS 0.5576
size [# of strips]

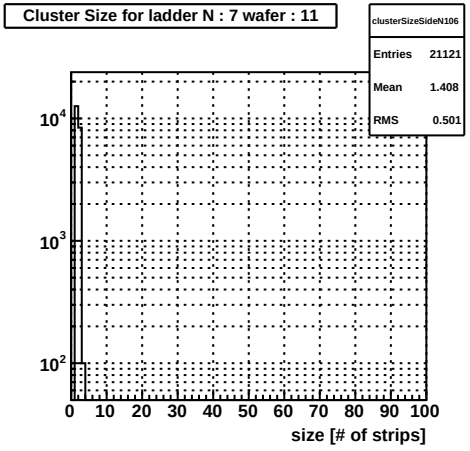

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1137
Mean 1.265
RMS 0.6272
size [# of strips]

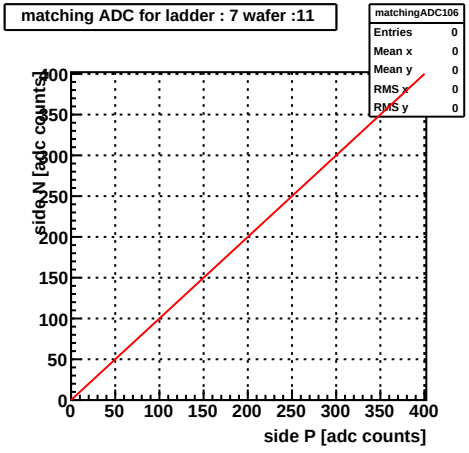

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 65
Mean x 73.35
Mean y 70.1
RMS x 63.75
RMS y 57.07
side N [adc counts]
side P [adc counts]

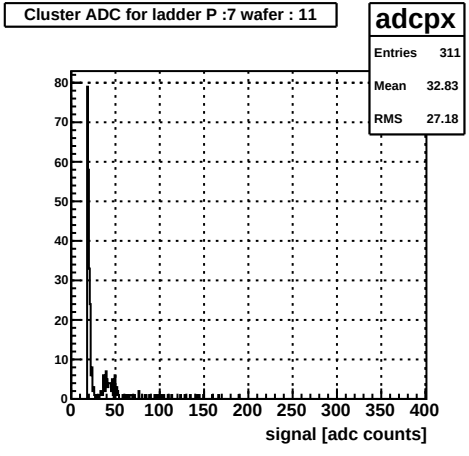

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 263
Mean 44.01
RMS 47.97
signal [adc counts]

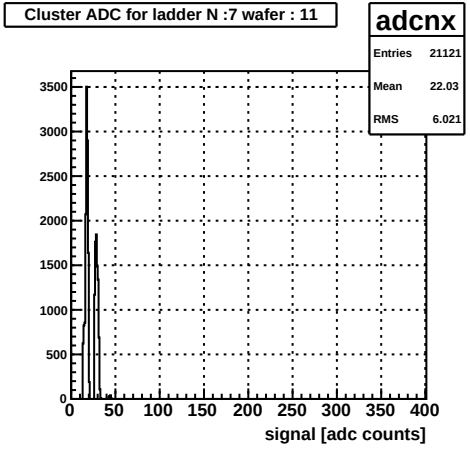

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1137
Mean 44.72
RMS 57.23
signal [adc counts]

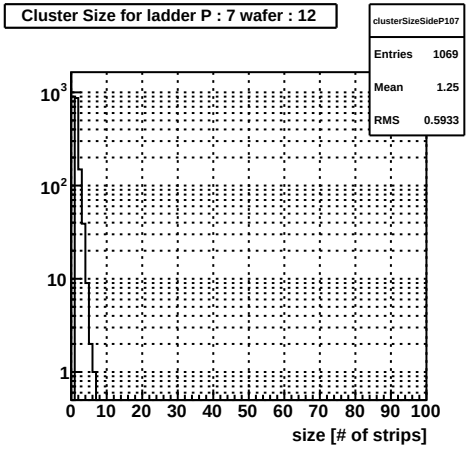

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 311
Mean 1.199
RMS 0.4866
size [# of strips]

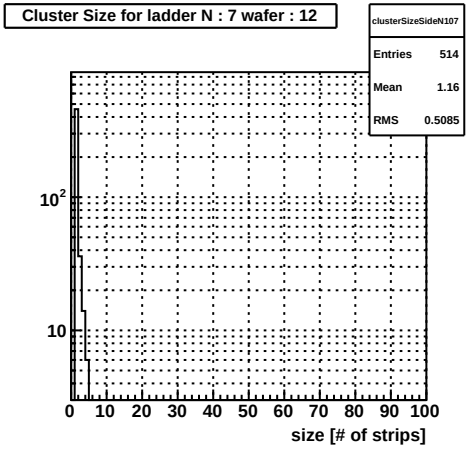

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 21121
Mean 1.408
RMS 0.501
size [# of strips]

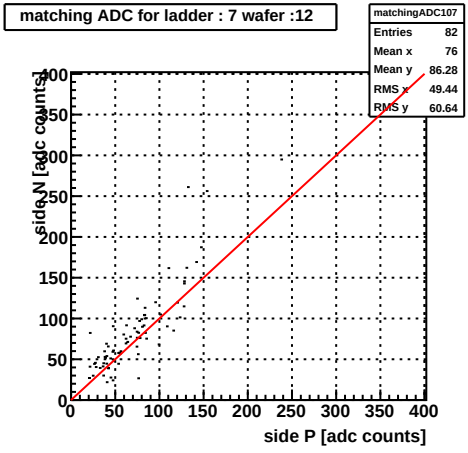

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

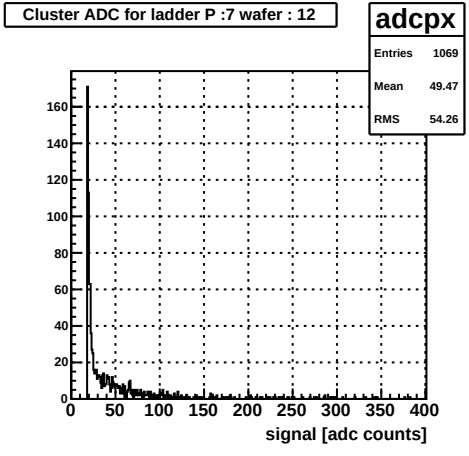

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 311
Mean 32.83
RMS 27.18
signal [adc counts]

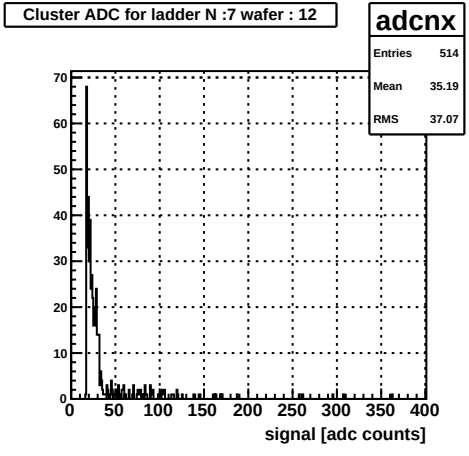

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 21121
Mean 22.03
RMS 6.021
signal [adc counts]

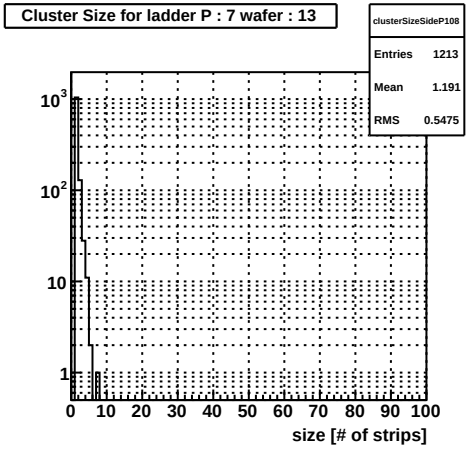

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1069
Mean 1.25
RMS 0.5933
size [# of strips]

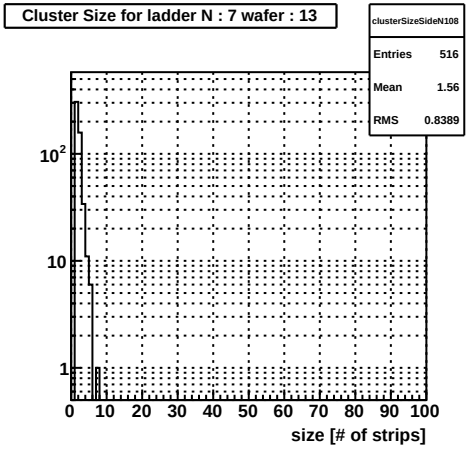

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 514
Mean 1.16
RMS 0.5085
size [# of strips]

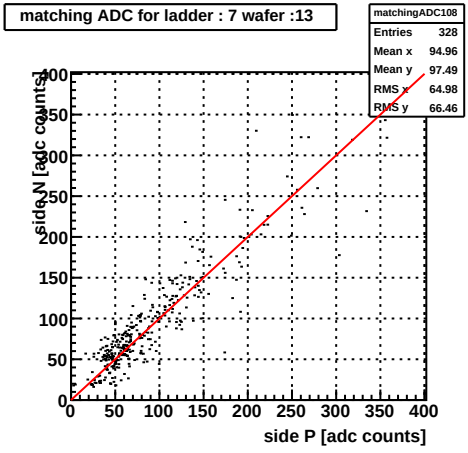

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 82
Mean x 76
Mean y 86.28
RMS x 49.44
RMS y 60.64
side N [adc counts]
side P [adc counts]

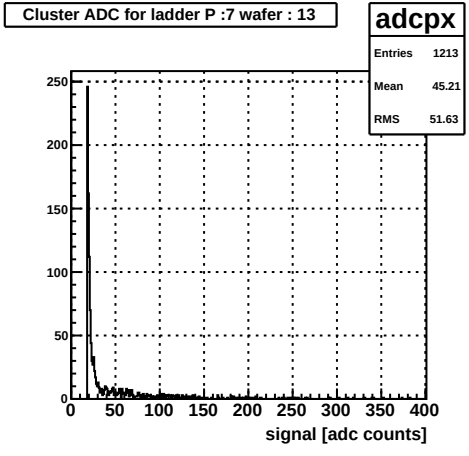

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1069
Mean 49.47
RMS 54.26
signal [adc counts]

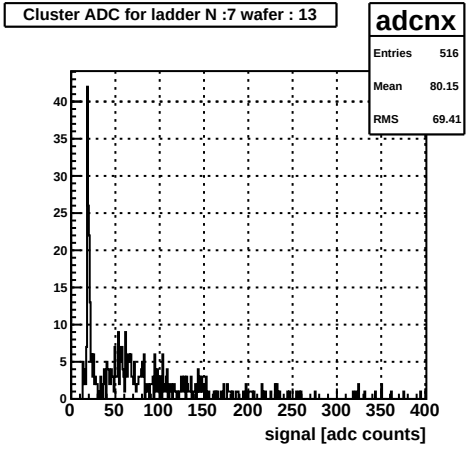

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 514
Mean 35.19
RMS 37.07
signal [adc counts]

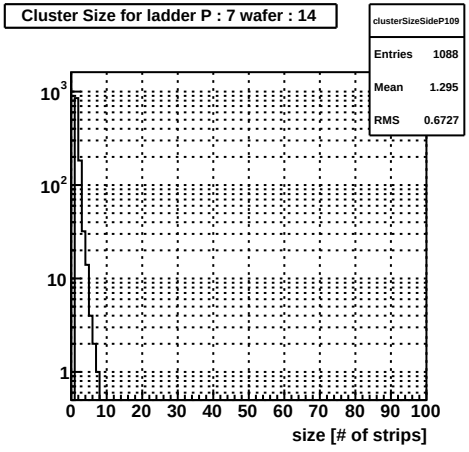

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1213
Mean 1.191
RMS 0.5475
size [# of strips]

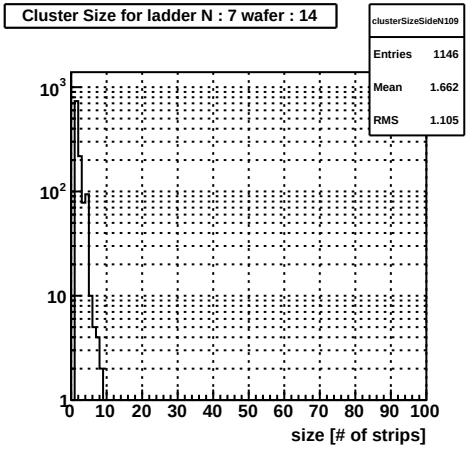

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 516
Mean 1.56
RMS 0.8389
size [# of strips]

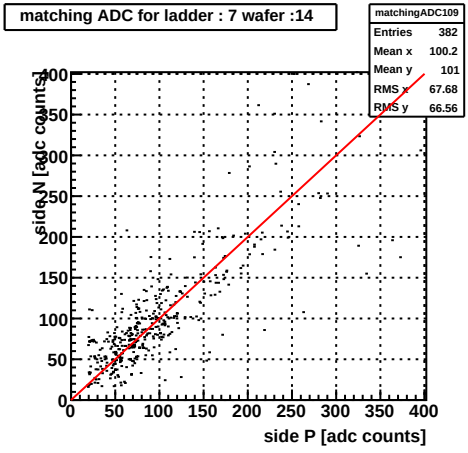

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 328
Mean x 94.96
Mean y 97.49
RMS x 64.98
RMS y 66.46
side N [adc counts]
side P [adc counts]

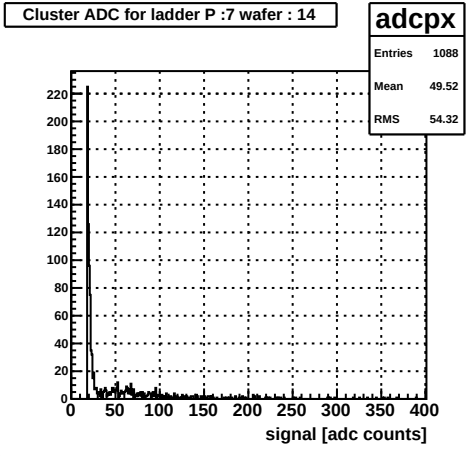

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1213
Mean 45.21
RMS 51.63
signal [adc counts]

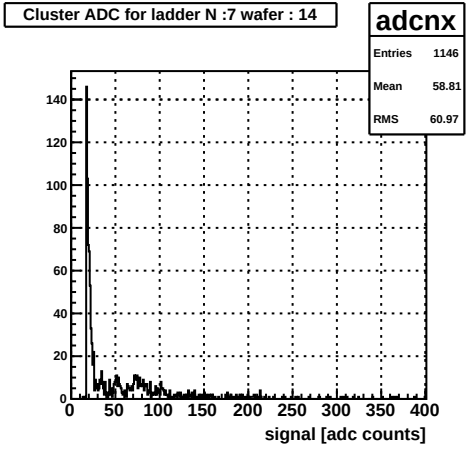

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 516
Mean 80.15
RMS 69.41
signal [adc counts]

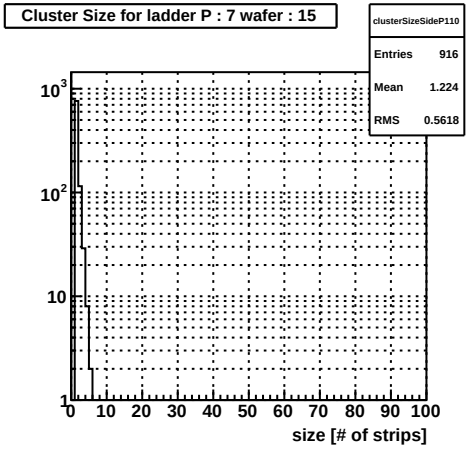

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1088
Mean 1.295
RMS 0.6727
size [# of strips]

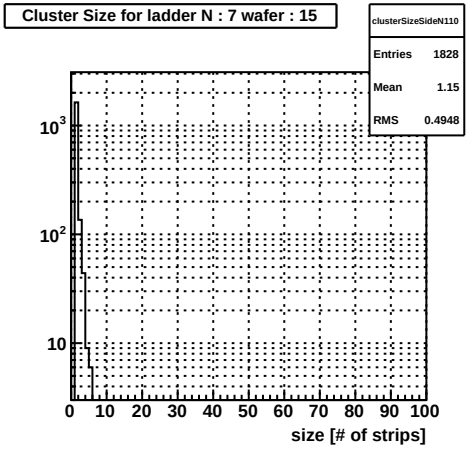

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1146
Mean 1.662
RMS 1.105
size [# of strips]

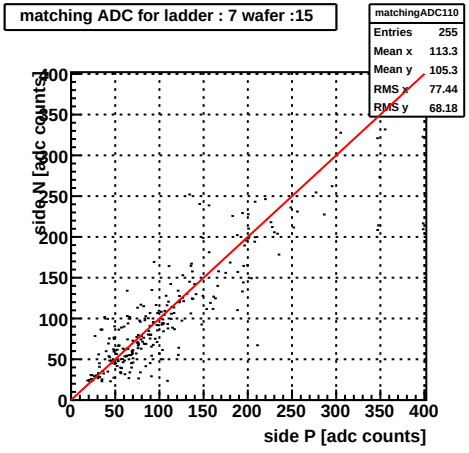

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 382
Mean x 100.2
Mean y 101
RMS x 67.68
RMS y 66.56
side N [adc counts]
side P [adc counts]

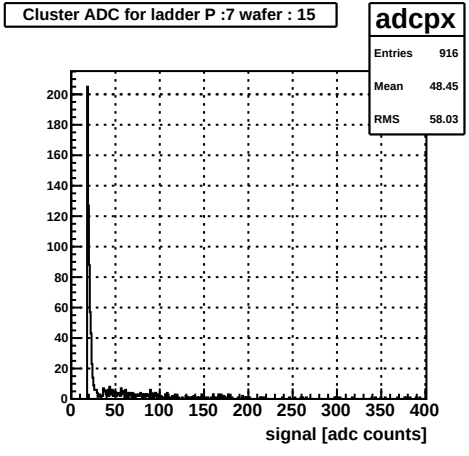

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1088
Mean 49.52
RMS 54.32
signal [adc counts]

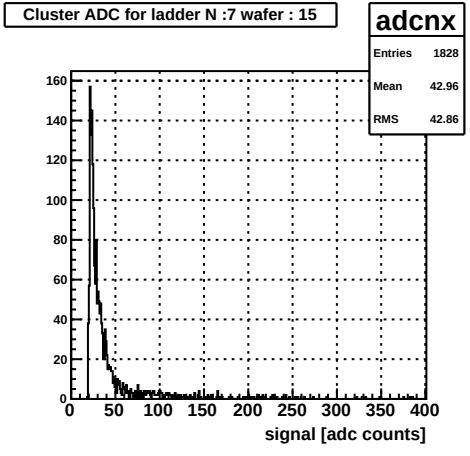

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1146
Mean 58.81
RMS 60.97
signal [adc counts]

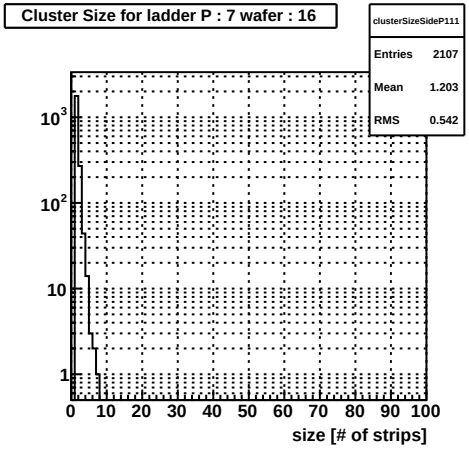

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 916
Mean 1.224
RMS 0.5618
size [# of strips]

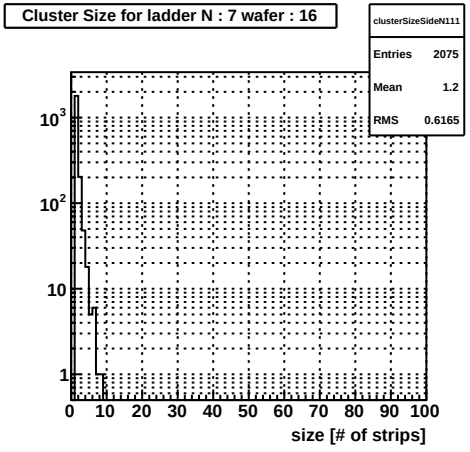

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1828
Mean 1.15
RMS 0.4948
size [# of strips]

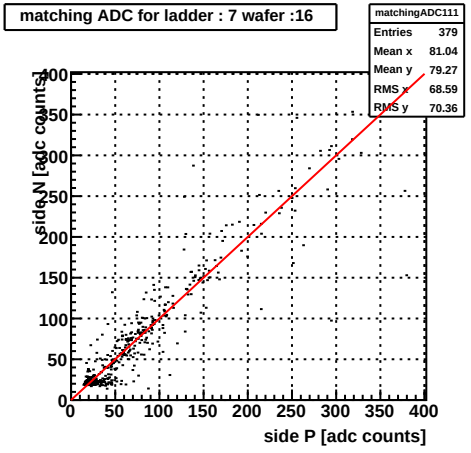

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 255
Mean x 113.3
Mean y 105.3
RMS x 77.44
RMS y 68.18
side N [adc counts]
side P [adc counts]

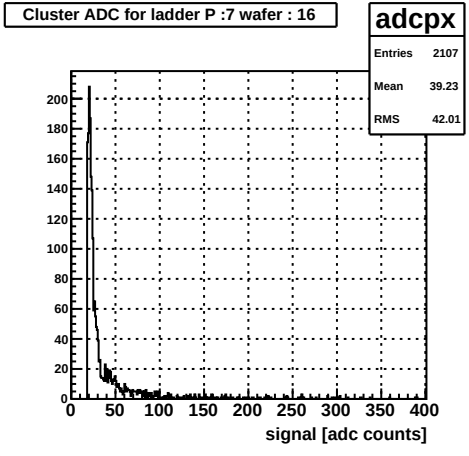

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 916
Mean 48.45
RMS 58.03
signal [adc counts]

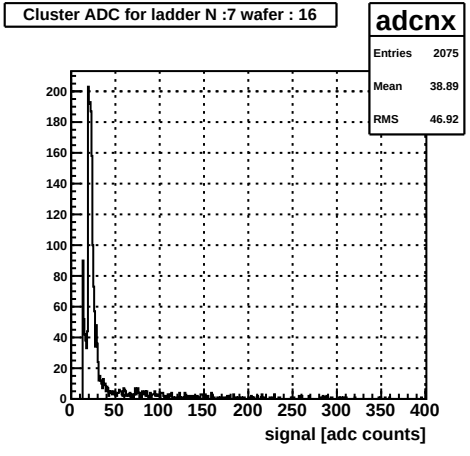

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1828
Mean 42.96
RMS 42.86
signal [adc counts]

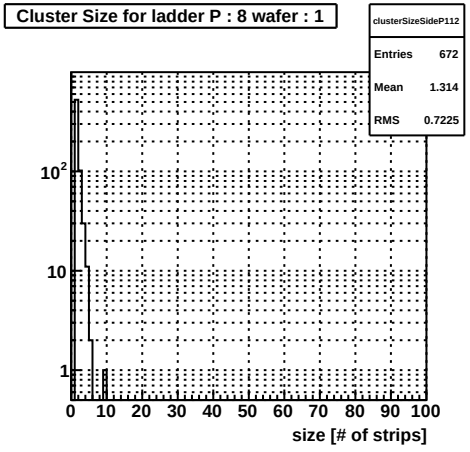

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2107
Mean 1.203
RMS 0.542
size [# of strips]

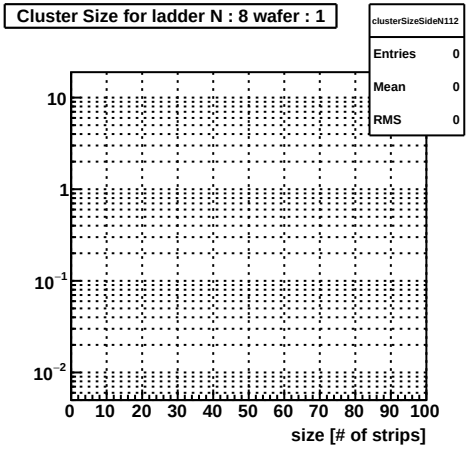

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2075
Mean 1.2
RMS 0.6165
size [# of strips]

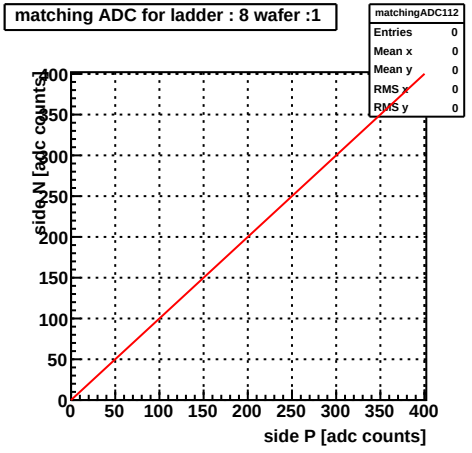

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 379
Mean x 81.04
Mean y 79.27
RMS x 68.59
RMS y 70.36
side N [adc counts]
side P [adc counts]

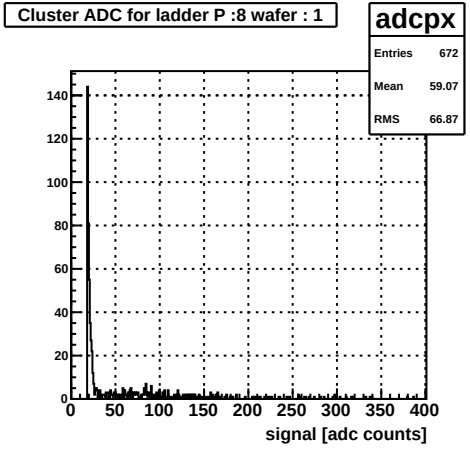

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2107
Mean 39.23
RMS 42.01
signal [adc counts]

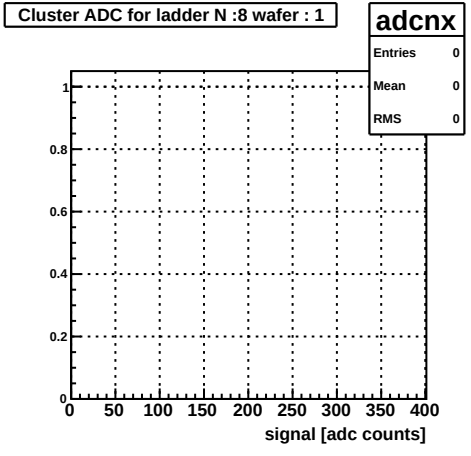

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2075
Mean 38.89
RMS 46.92
signal [adc counts]

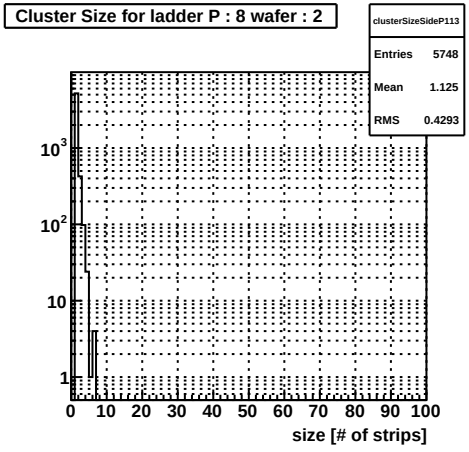

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 672
Mean 1.314
RMS 0.7225
size [# of strips]

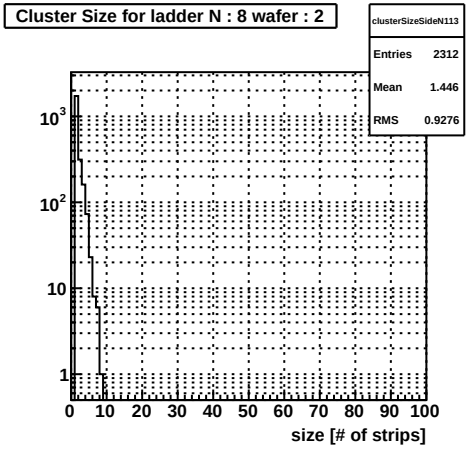

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

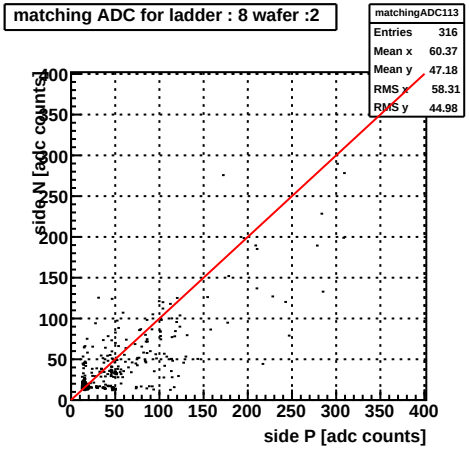

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

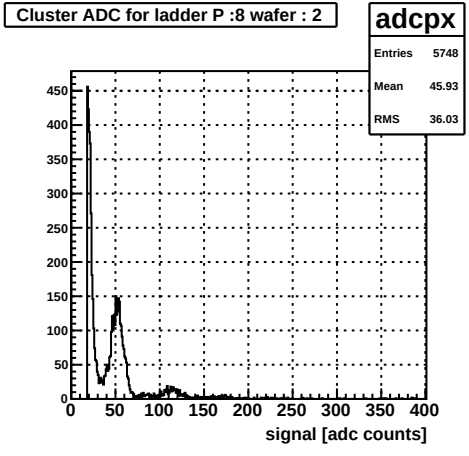

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 672
Mean 59.07
RMS 66.87
signal [adc counts]

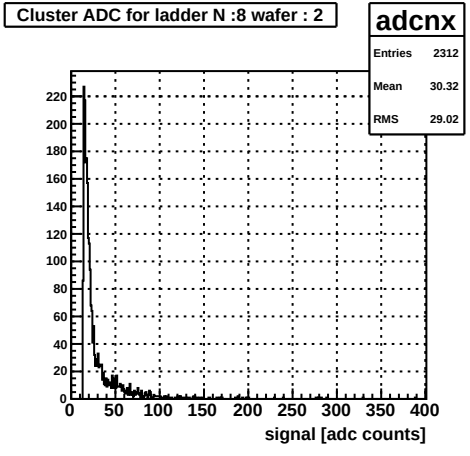

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

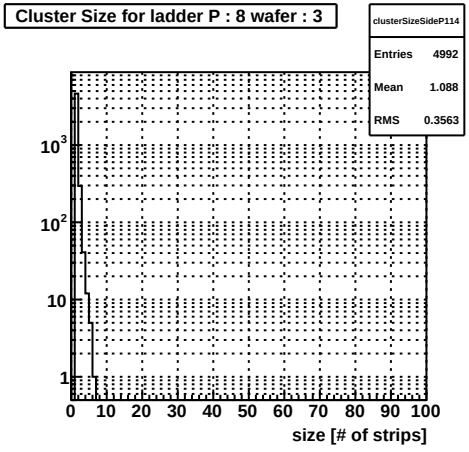

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 5748
Mean 1.125
RMS 0.4293
size [# of strips]

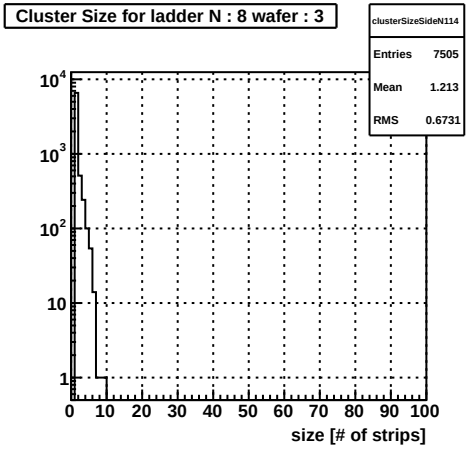

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2312
Mean 1.446
RMS 0.9276
size [# of strips]

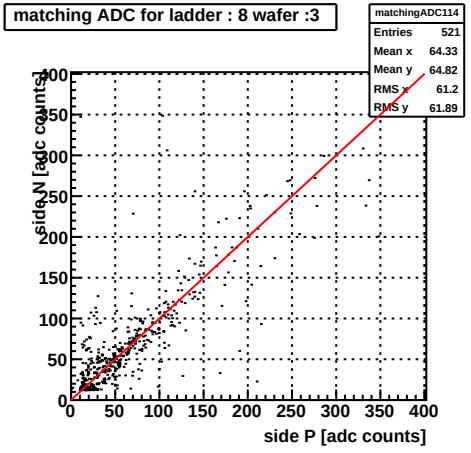

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 316
Mean x 60.37
Mean y 47.18
RMS x 58.31
RMS y 44.98
side N [adc counts]
side P [adc counts]

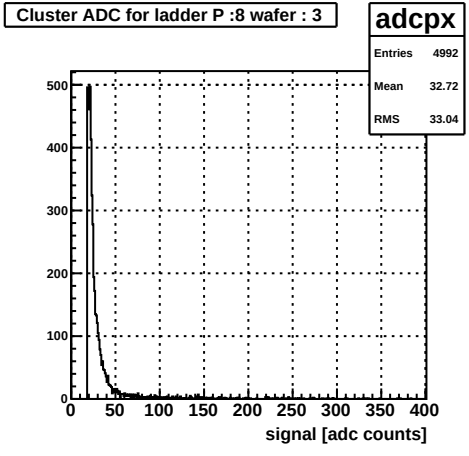

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 5748
Mean 45.93
RMS 36.03
signal [adc counts]

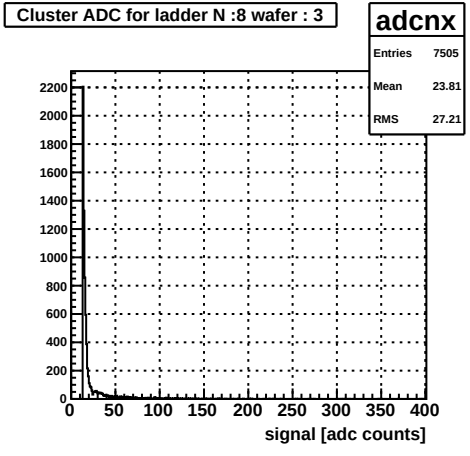

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2312
Mean 30.32
RMS 29.02
signal [adc counts]

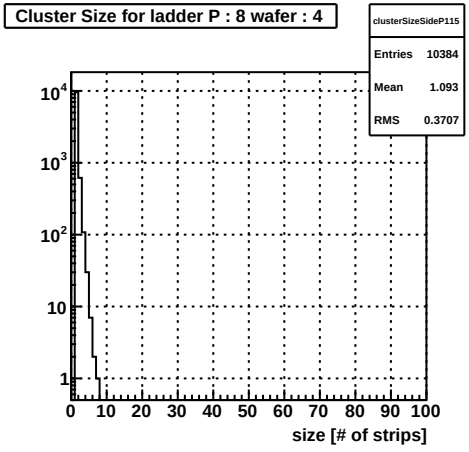

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 4992
Mean 1.088
RMS 0.3563
size [# of strips]

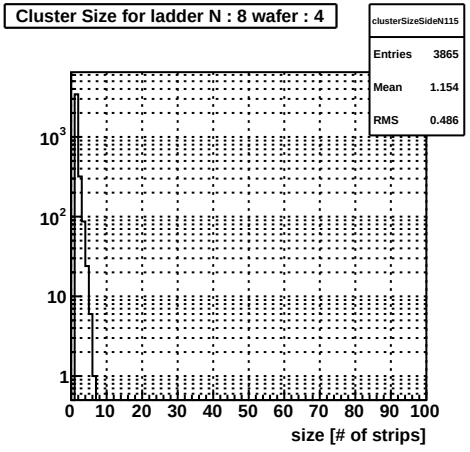

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 7505
Mean 1.213
RMS 0.6731
size [# of strips]

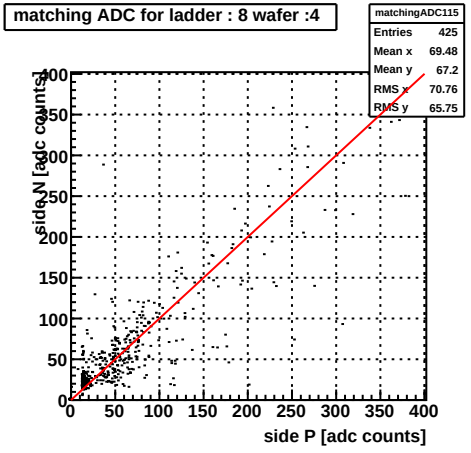

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 521
Mean x 64.33
Mean y 64.82
RMS x 61.2
RMS y 61.89
side N [adc counts]
side P [adc counts]

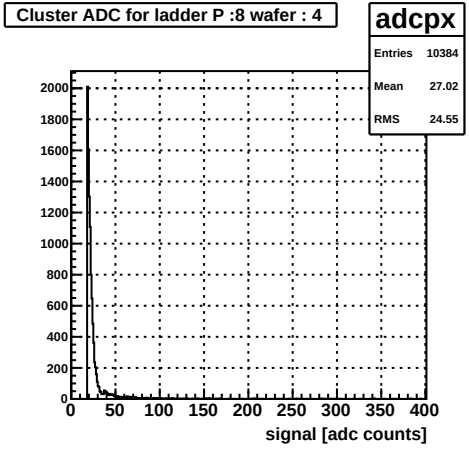

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 4992
Mean 32.72
RMS 33.04
signal [adc counts]

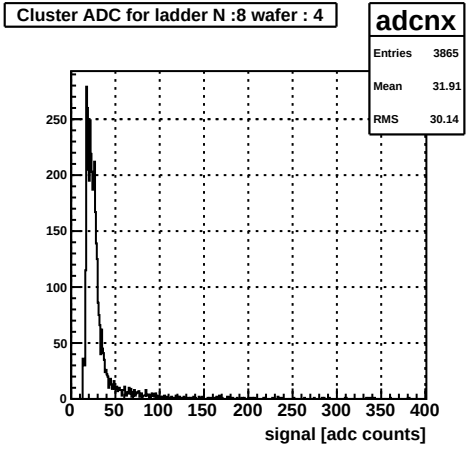

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 7505
Mean 23.81
RMS 27.21
signal [adc counts]

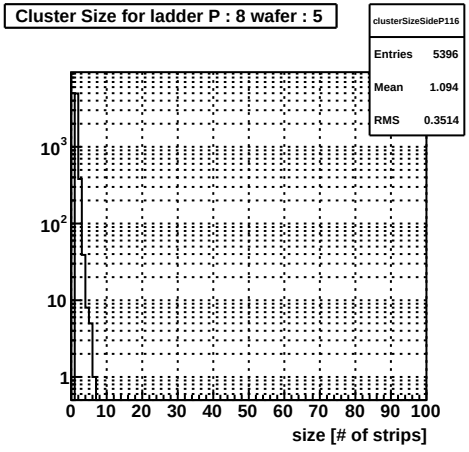

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 10384
Mean 1.093
RMS 0.3707
size [# of strips]

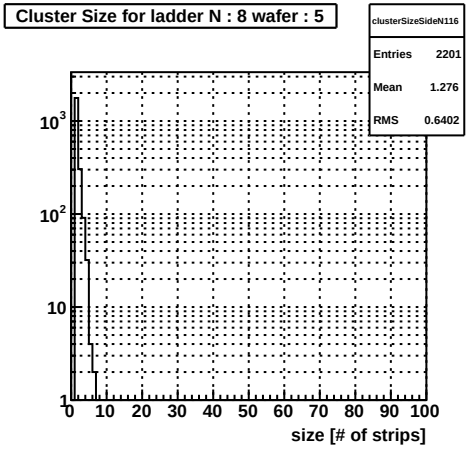

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3865
Mean 1.154
RMS 0.486
size [# of strips]

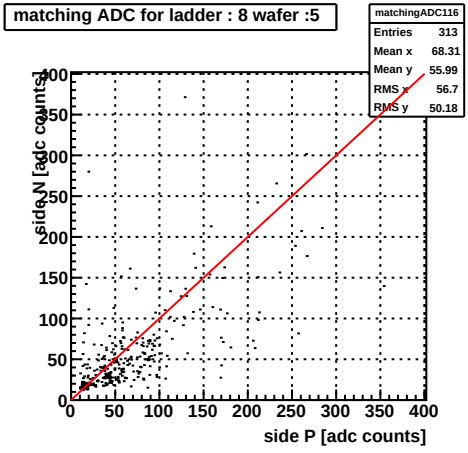

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 425
Mean x 69.48
Mean y 67.2
RMS x 70.76
RMS y 65.75
side N [adc counts]
side P [adc counts]

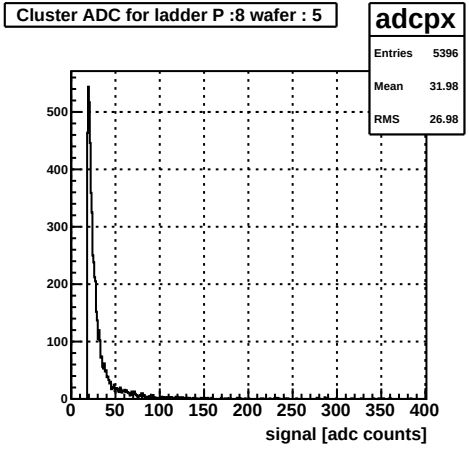

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 10384
Mean 27.02
RMS 24.55
signal [adc counts]

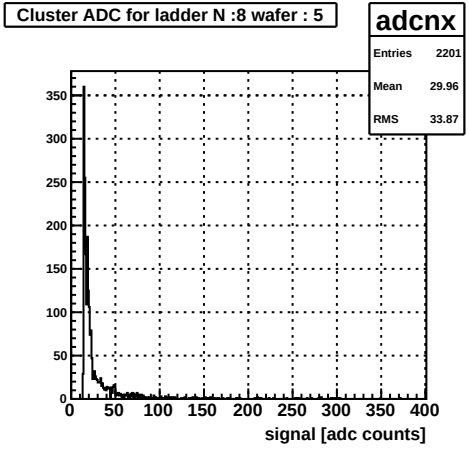

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3865
Mean 31.91
RMS 30.14
signal [adc counts]

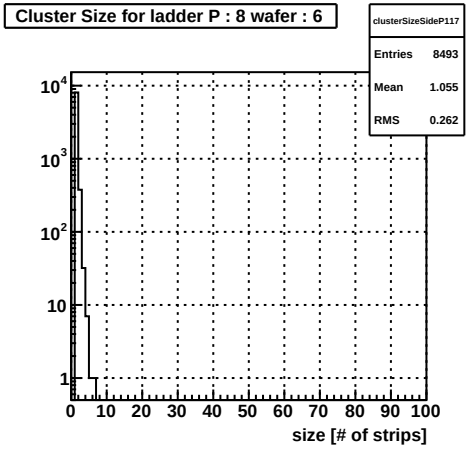

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5396
Mean 1.094
RMS 0.3514
size [# of strips]

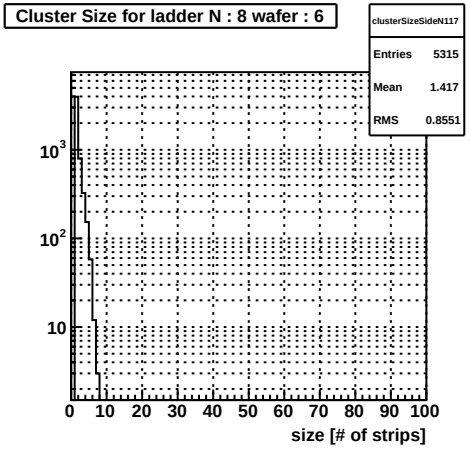

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2201
Mean 1.276
RMS 0.6402
size [# of strips]

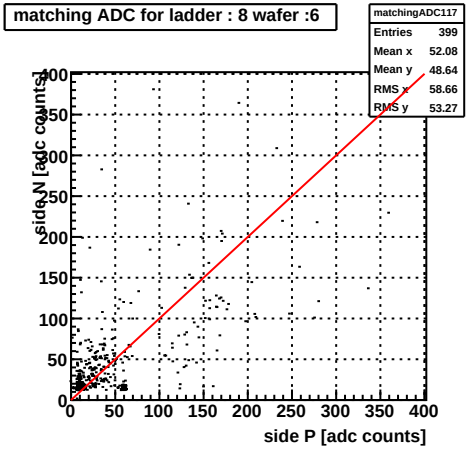

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 313
Mean x 68.31
Mean y 55.99
RMS x 56.7
RMS y 50.18
side N [adc counts]
side P [adc counts]

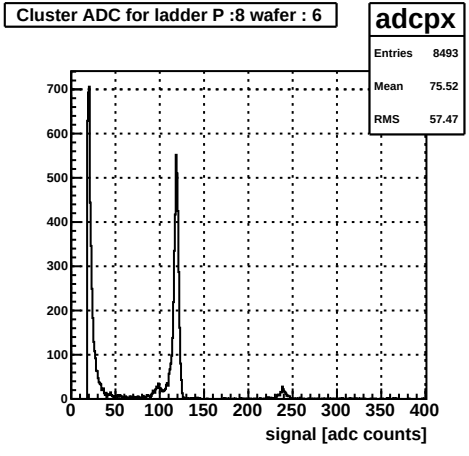

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5396
Mean 31.98
RMS 26.98
signal [adc counts]

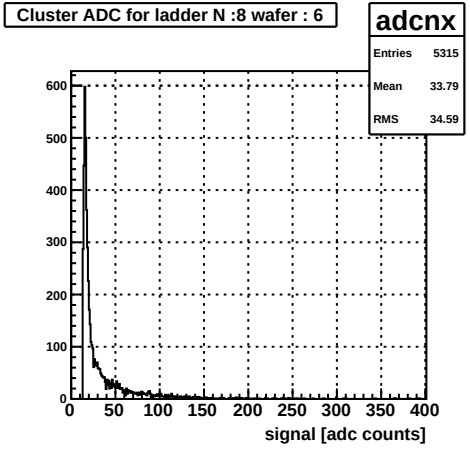

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2201
Mean 29.96
RMS 33.87
signal [adc counts]

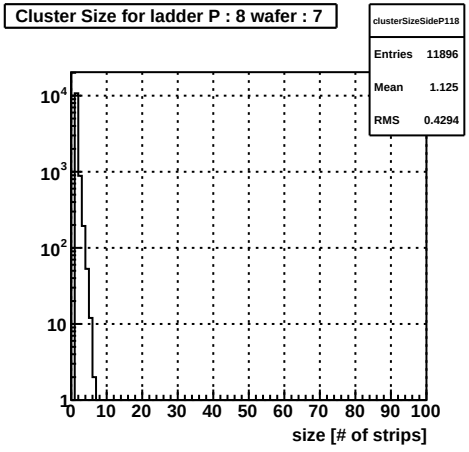

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 8493
Mean 1.055
RMS 0.262
size [# of strips]

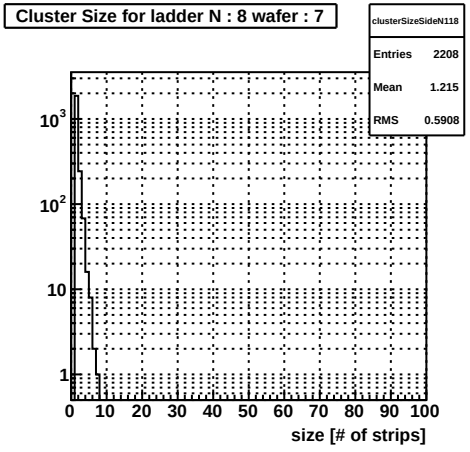

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5315
Mean 1.417
RMS 0.8551
size [# of strips]

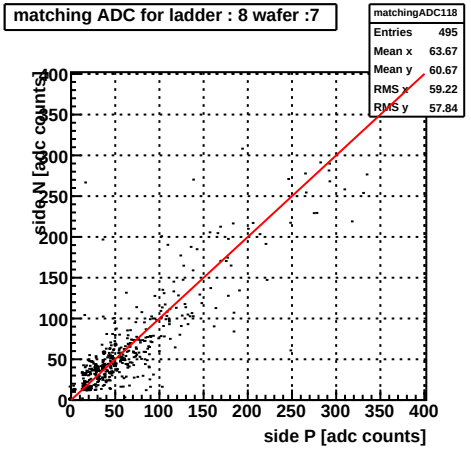

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 399
Mean x 52.08
Mean y 48.64
RMS x 58.66
RMS y 53.27
side N [adc counts]
side P [adc counts]

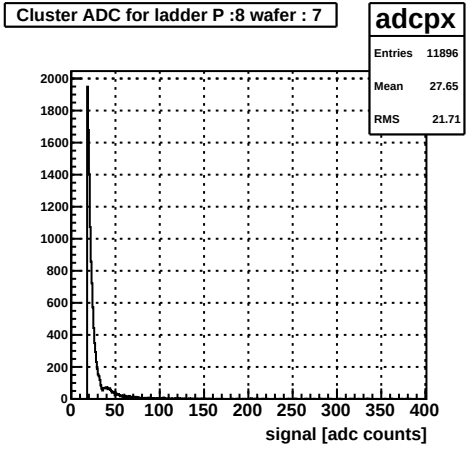

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 8493
Mean 75.52
RMS 57.47
signal [adc counts]

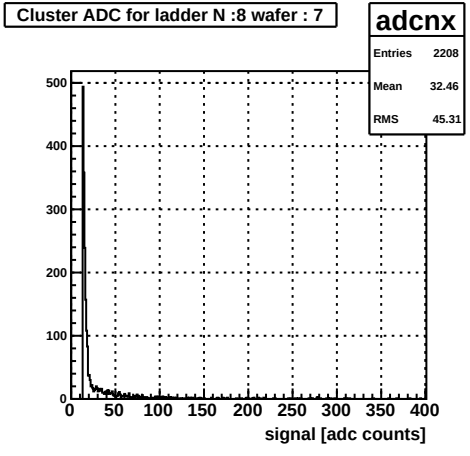

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5315
Mean 33.79
RMS 34.59
signal [adc counts]

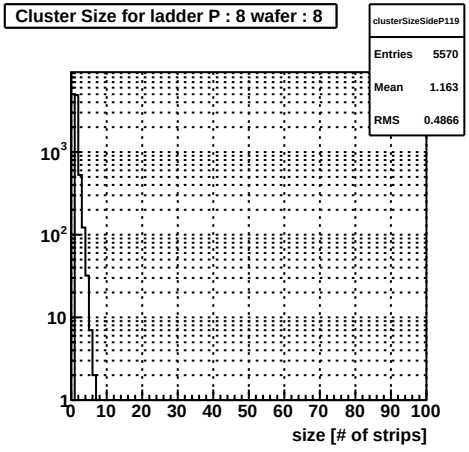

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 11896
Mean 1.125
RMS 0.4294
size [# of strips]

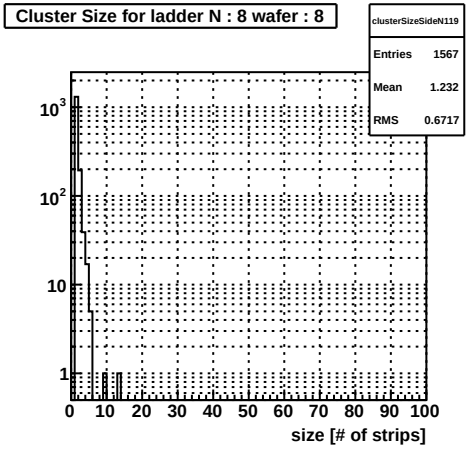

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2208
Mean 1.215
RMS 0.5908
size [# of strips]

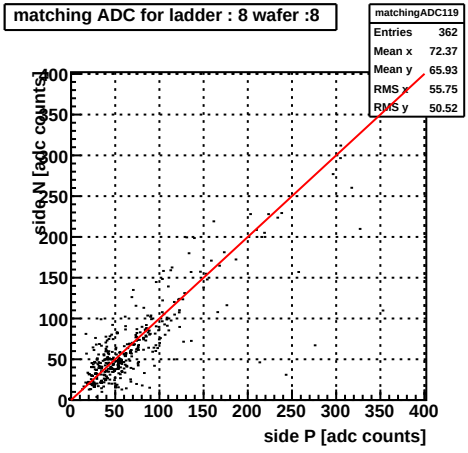

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 495
Mean x 63.67
Mean y 60.67
RMS x 59.22
RMS y 57.84
side N [adc counts]
side P [adc counts]

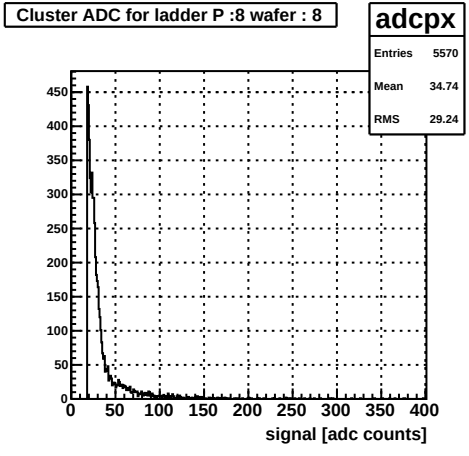

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 11896
Mean 27.65
RMS 21.71
signal [adc counts]

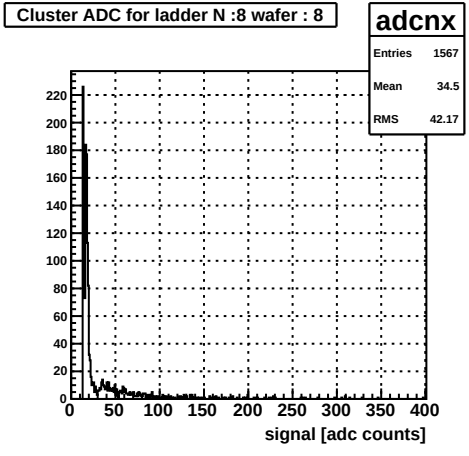

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2208
Mean 32.46
RMS 45.31
signal [adc counts]

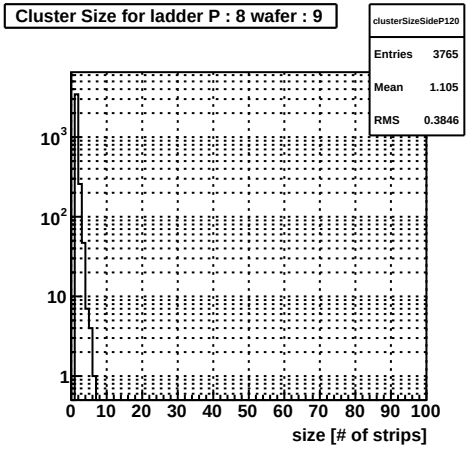

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 5570
Mean 1.163
RMS 0.4866
size [# of strips]

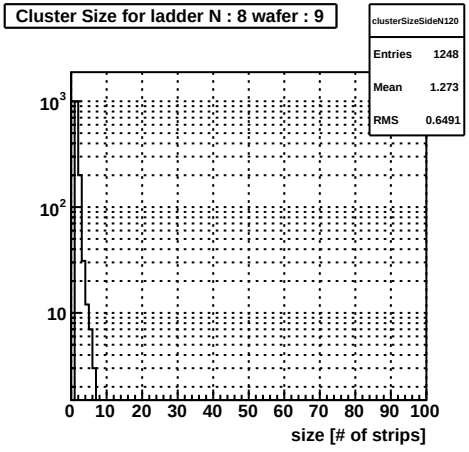

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 1567
Mean 1.232
RMS 0.6717
size [# of strips]

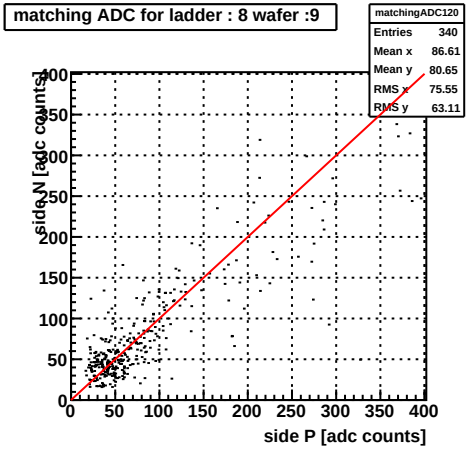

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 362
Mean x 72.37
Mean y 65.93
RMS x 55.75
RMS y 50.52
side N [adc counts]
side P [adc counts]

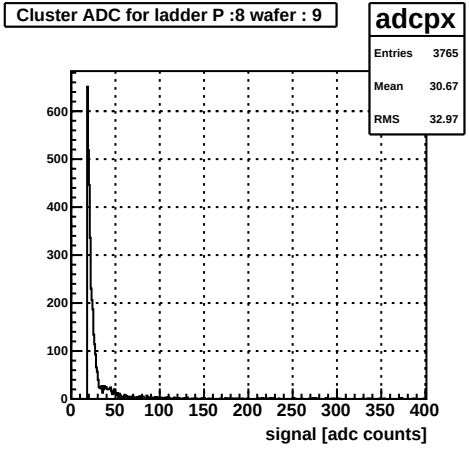

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 5570
Mean 34.74
RMS 29.24
signal [adc counts]

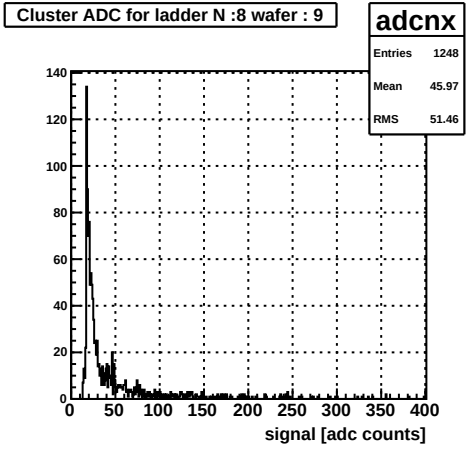

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 1567
Mean 34.5
RMS 42.17
signal [adc counts]

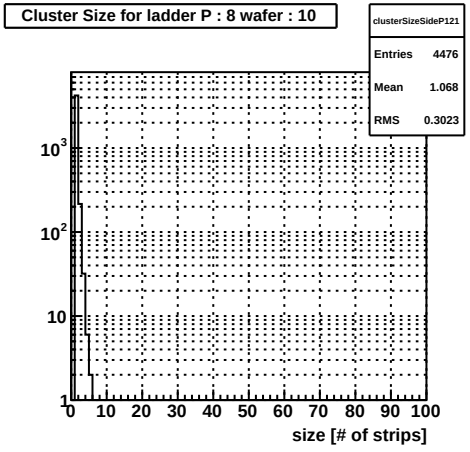

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 3765
Mean 1.105
RMS 0.3846
size [# of strips]

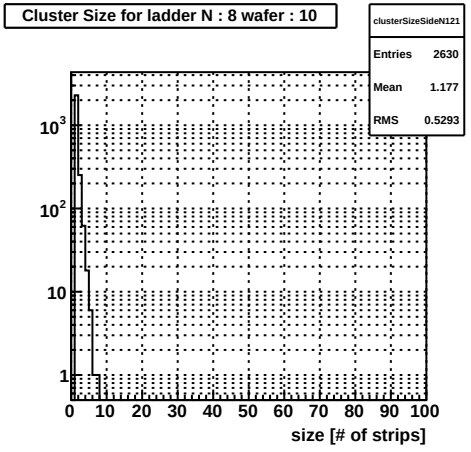

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1248
Mean 1.273
RMS 0.6491
size [# of strips]

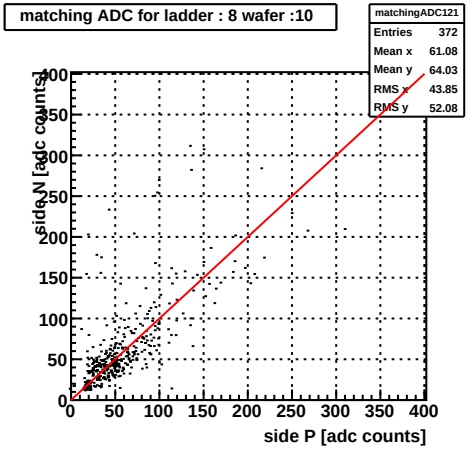

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 340
Mean x 86.61
Mean y 80.65
RMS x 75.55
RMS y 63.11
side N [adc counts]
side P [adc counts]

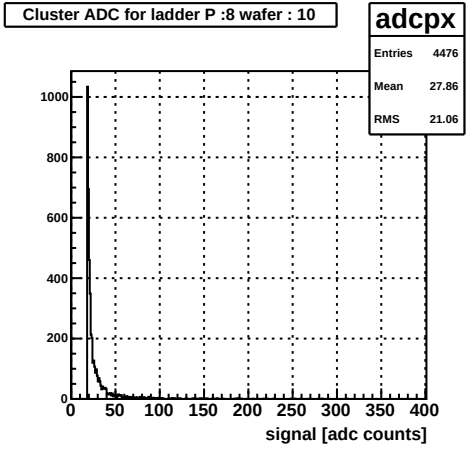

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 3765
Mean 30.67
RMS 32.97
signal [adc counts]

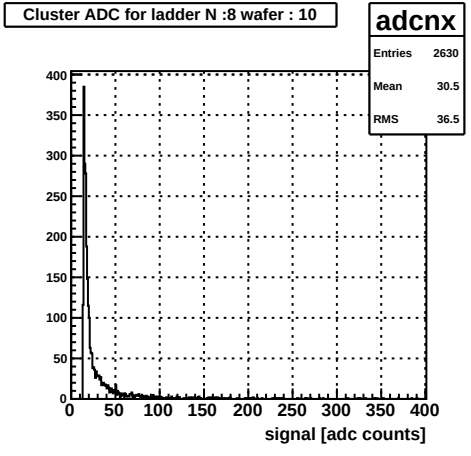

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1248
Mean 45.97
RMS 51.46
signal [adc counts]

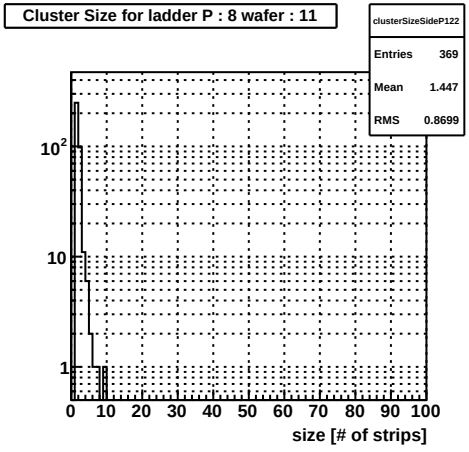

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4476
Mean 1.068
RMS 0.3023
size [# of strips]

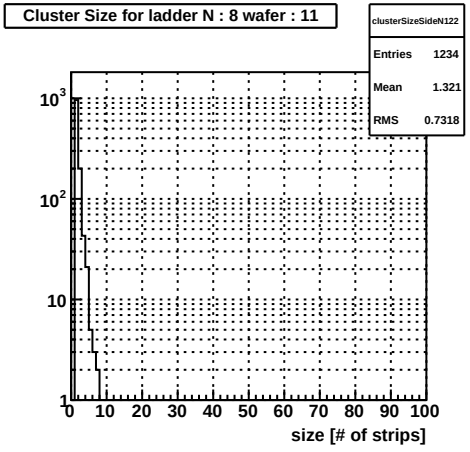

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2630
Mean 1.177
RMS 0.5293
size [# of strips]

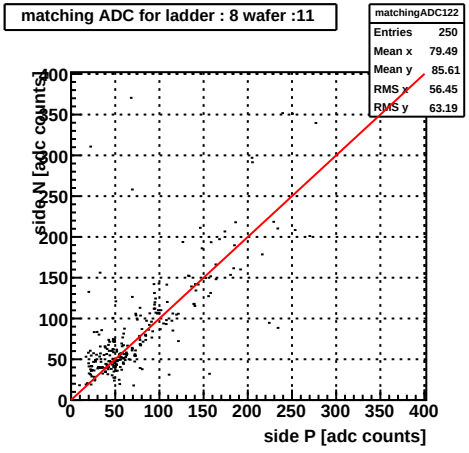

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 372
Mean x 61.08
Mean y 64.03
RMS x 43.85
RMS y 52.08
side N [adc counts]
side P [adc counts]

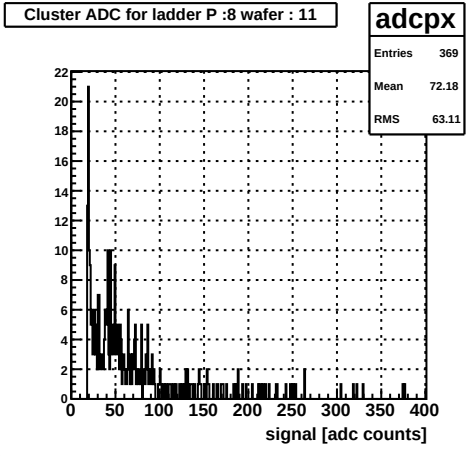

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4476
Mean 27.86
RMS 21.06
signal [adc counts]

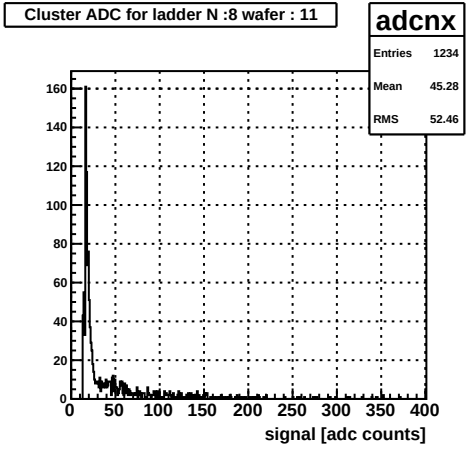

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2630
Mean 30.5
RMS 36.5
signal [adc counts]

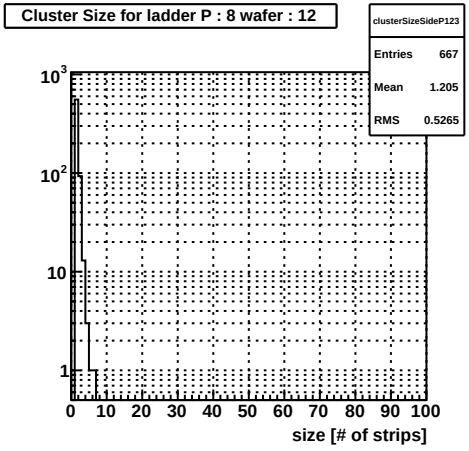

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 369
Mean 1.447
RMS 0.8699
size [# of strips]

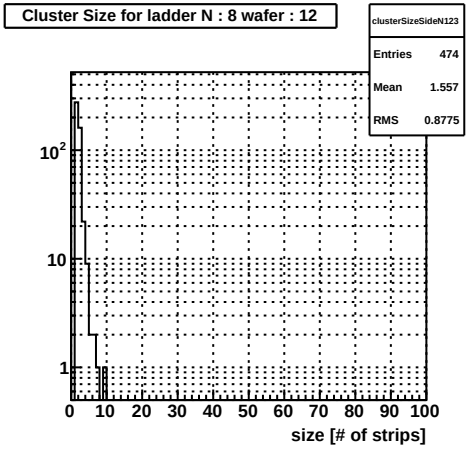

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1234
Mean 1.321
RMS 0.7318
size [# of strips]

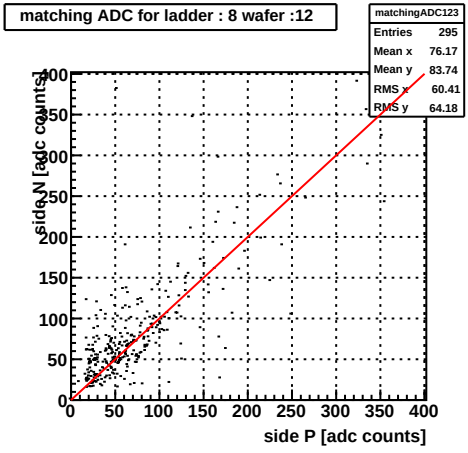

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 250
Mean x 79.49
Mean y 85.61
RMS x 56.45
RMS y 63.19
side N [adc counts]
side P [adc counts]

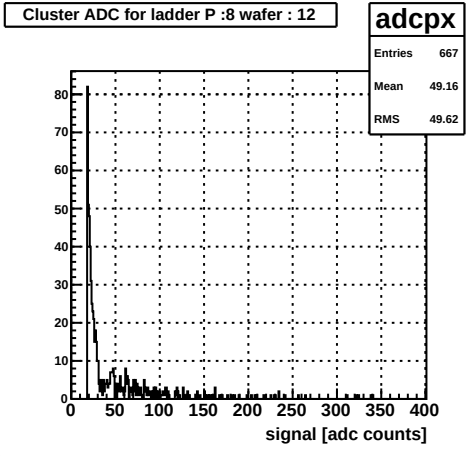

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 369
Mean 72.18
RMS 63.11
signal [adc counts]

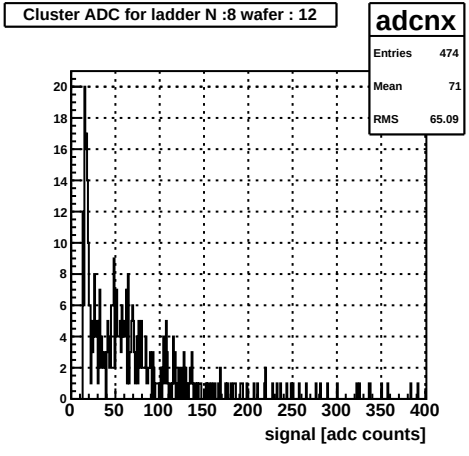

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1234
Mean 45.28
RMS 52.46
signal [adc counts]

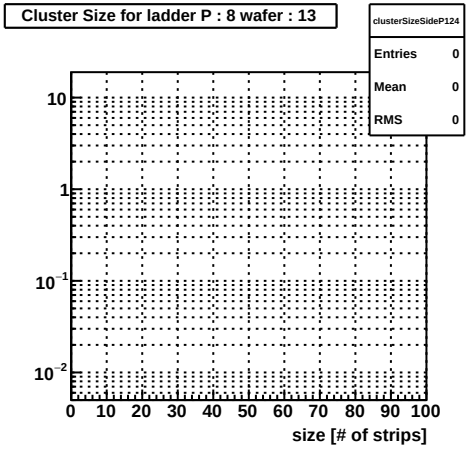

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 667
Mean 1.205
RMS 0.5265
size [# of strips]

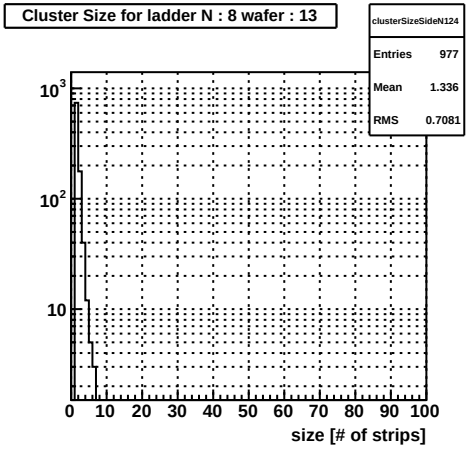

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 474
Mean 1.557
RMS 0.8775
size [# of strips]

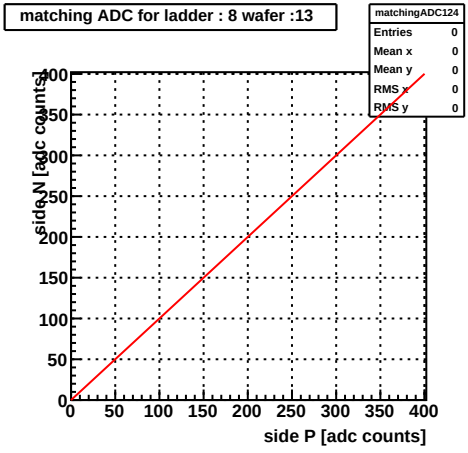

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 295
Mean x 76.17
Mean y 83.74
RMS x 60.41
RMS y 64.18
side N [adc counts]
side P [adc counts]

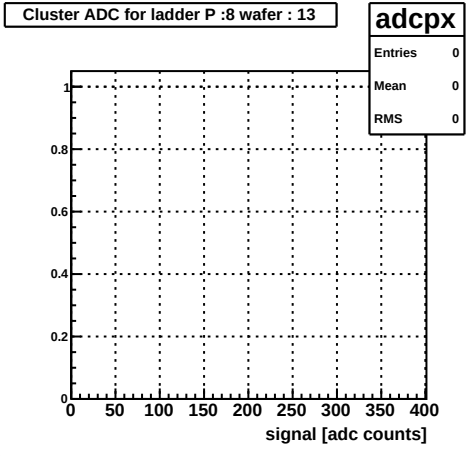

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 667
Mean 49.16
RMS 49.62
signal [adc counts]

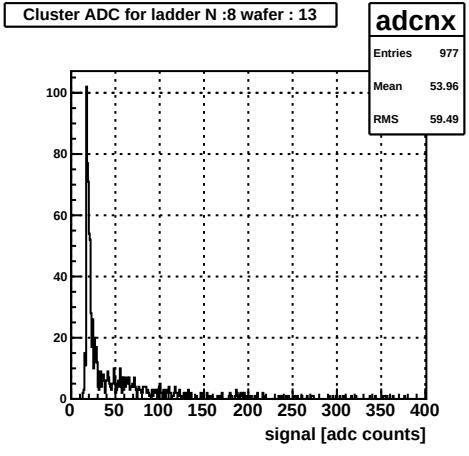

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 474
Mean 71
RMS 65.09
signal [adc counts]

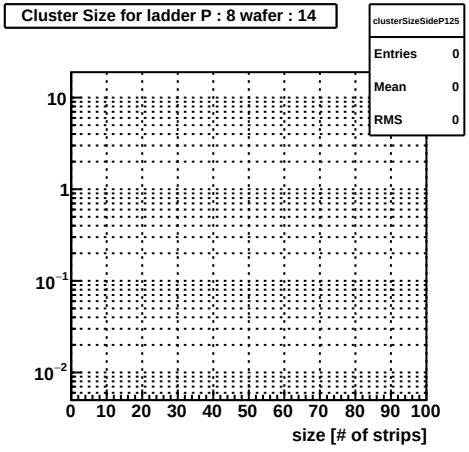

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

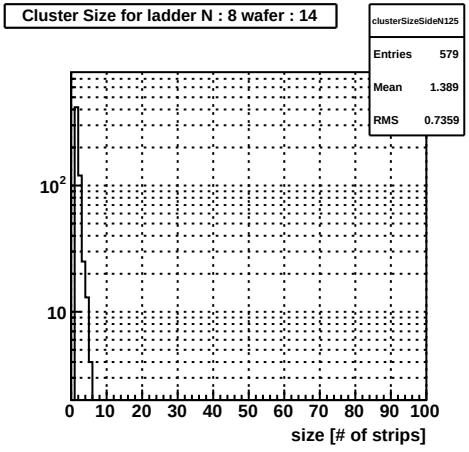

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 977
Mean 1.336
RMS 0.7081
size [# of strips]

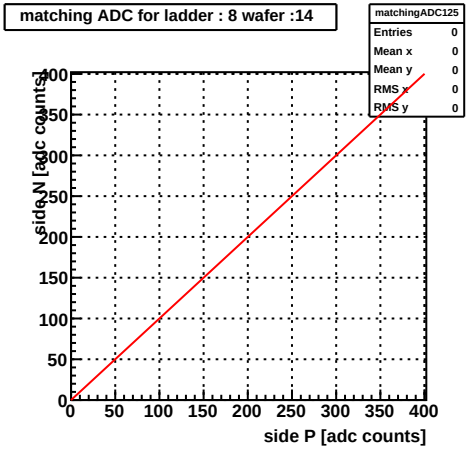

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

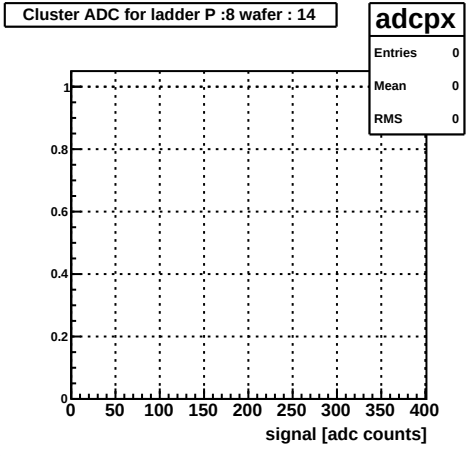

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

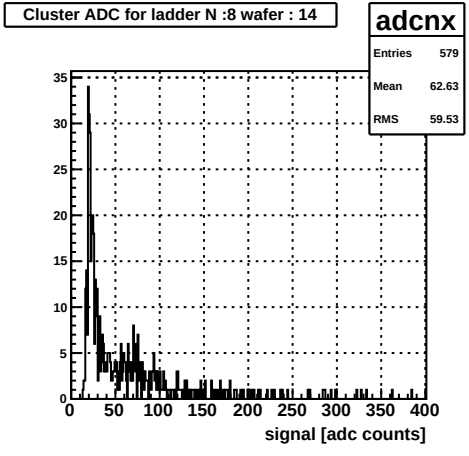

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 977
Mean 53.96
RMS 59.49
signal [adc counts]

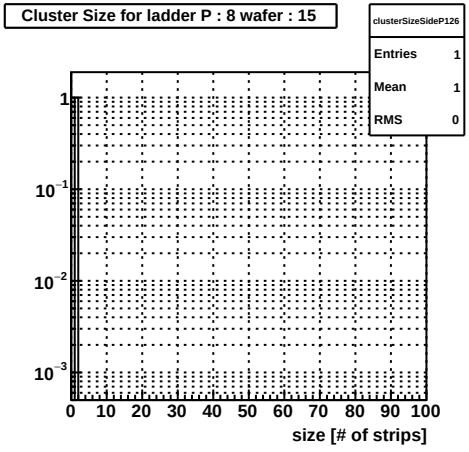

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

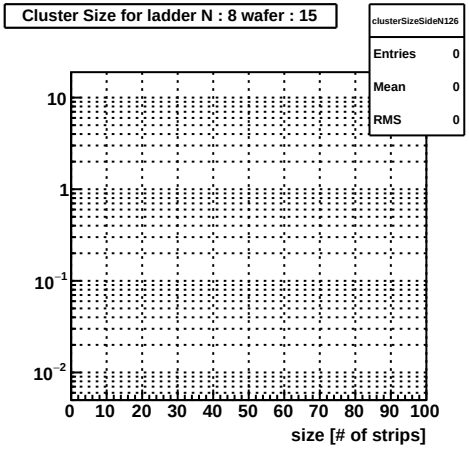

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 579
Mean 1.389
RMS 0.7359
size [# of strips]

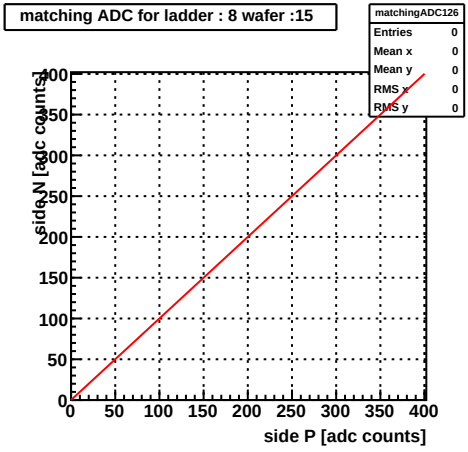

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

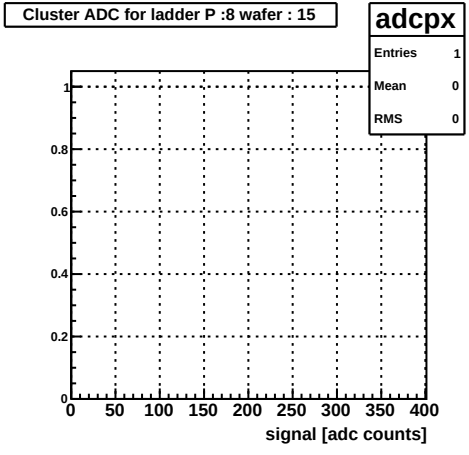

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

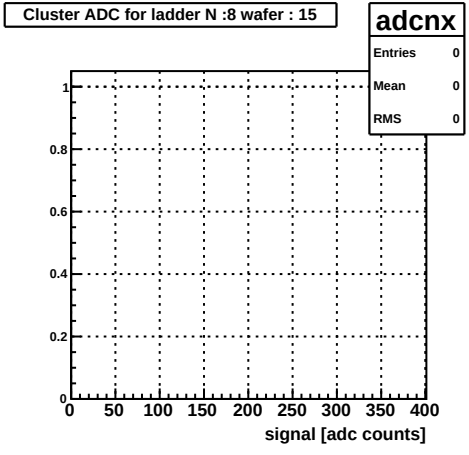

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 579
Mean 62.63
RMS 59.53
signal [adc counts]

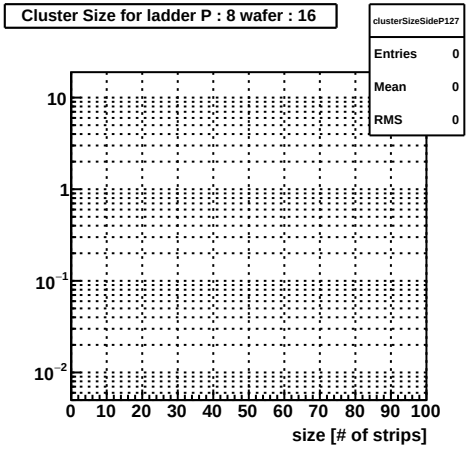

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

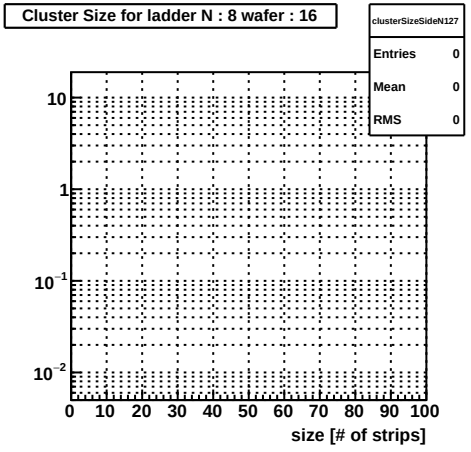

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

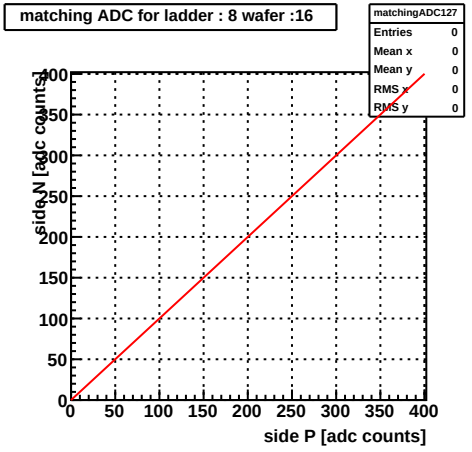

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

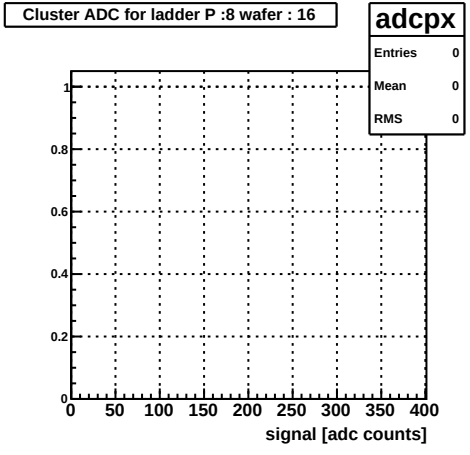

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

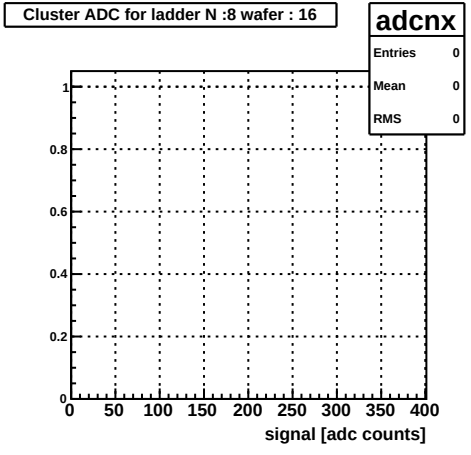

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

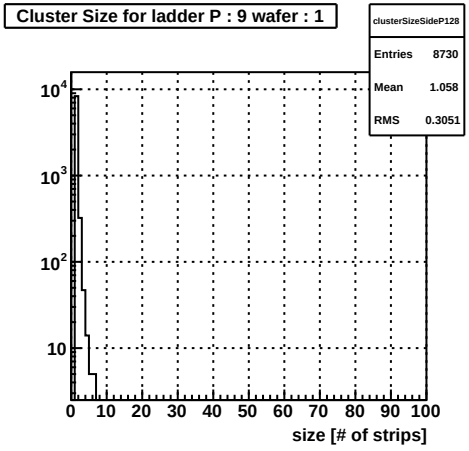

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

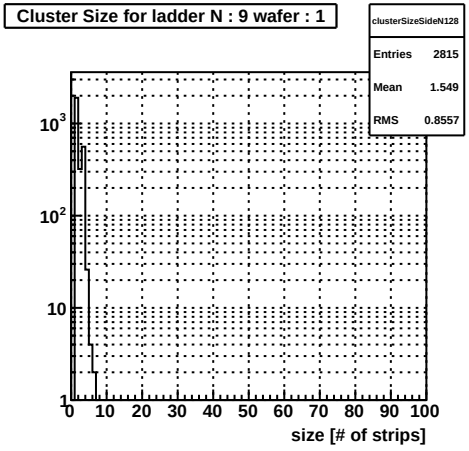

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

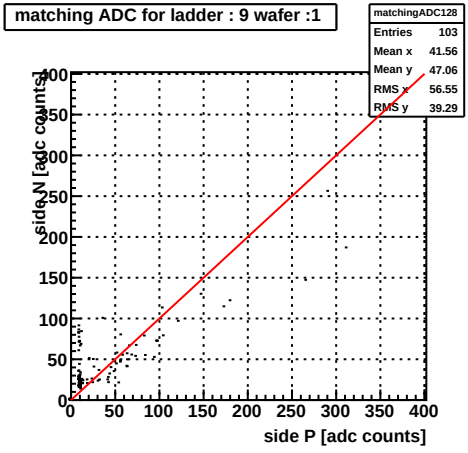

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

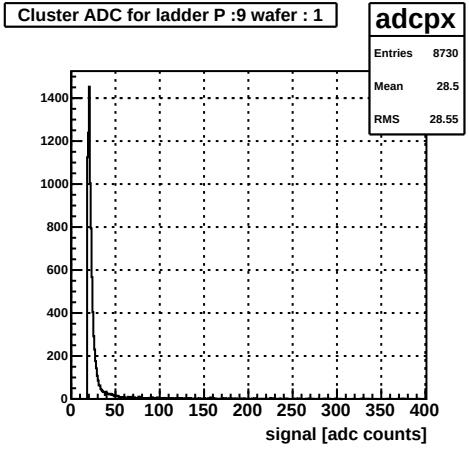

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

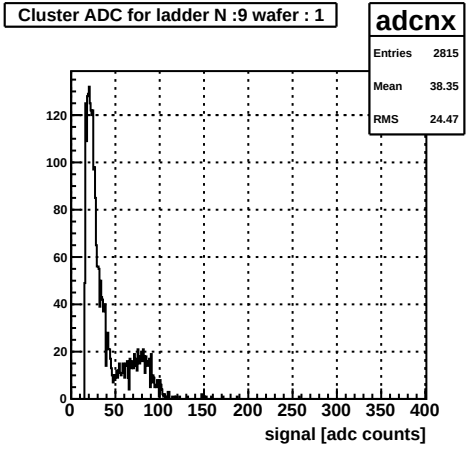

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

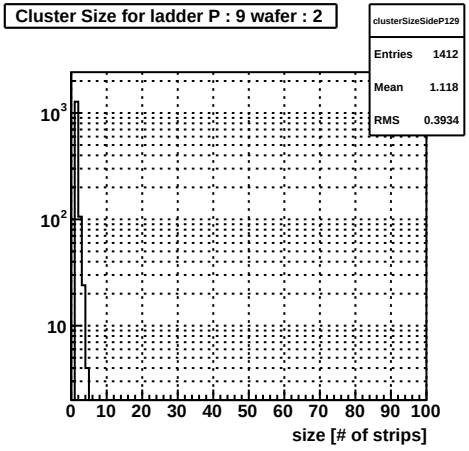

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8730
Mean 1.058
RMS 0.3051
size [# of strips]

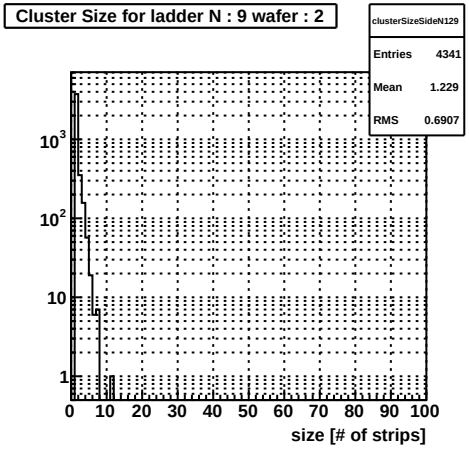

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2815
Mean 1.549
RMS 0.8557
size [# of strips]

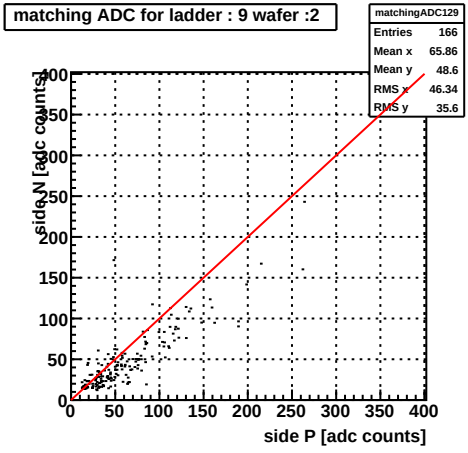

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 103
Mean x 41.56
Mean y 47.06
RMS x 56.55
RMS y 39.29
side N [adc counts]
side P [adc counts]

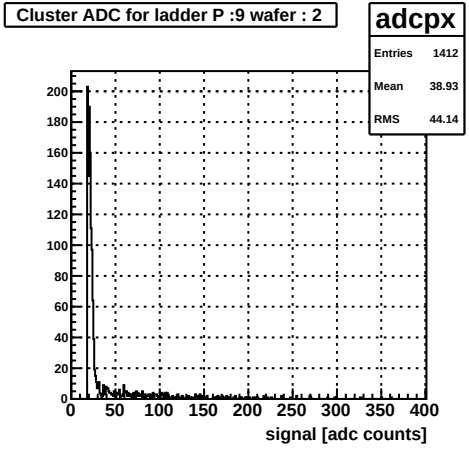

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8730
Mean 28.5
RMS 28.55
signal [adc counts]

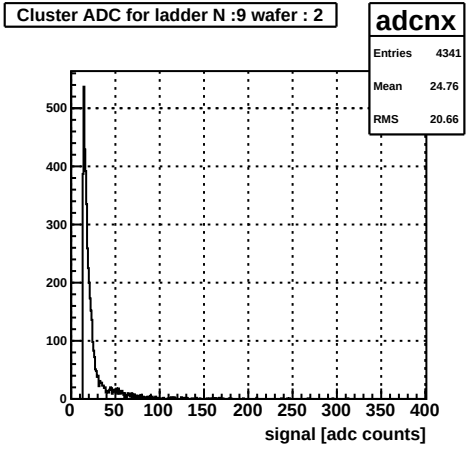

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2815
Mean 38.35
RMS 24.47
signal [adc counts]

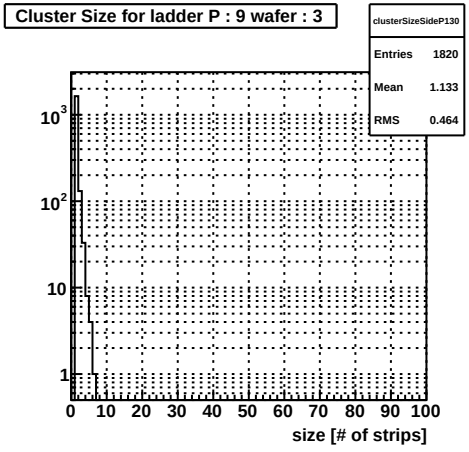

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1412
Mean 1.118
RMS 0.3934
size [# of strips]

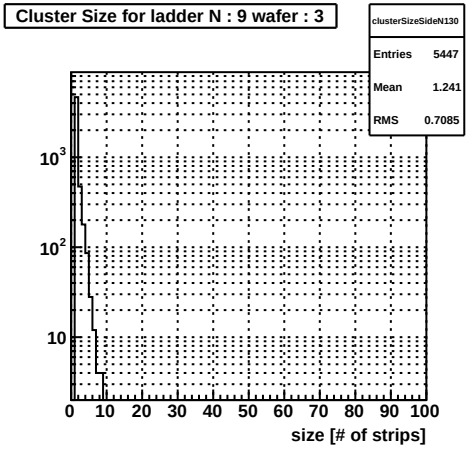

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 4341
Mean 1.229
RMS 0.6907
size [# of strips]

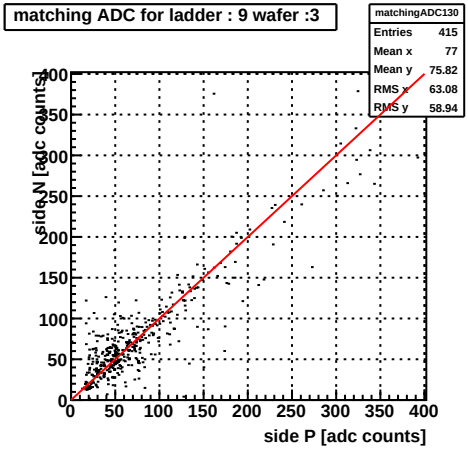

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 166
Mean x 65.86
Mean y 48.6
RMS x 46.34
RMS y 35.6
side N [adc counts]
side P [adc counts]

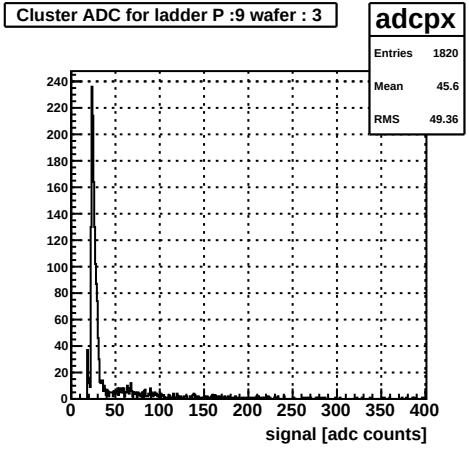

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1412
Mean 38.93
RMS 44.14
signal [adc counts]

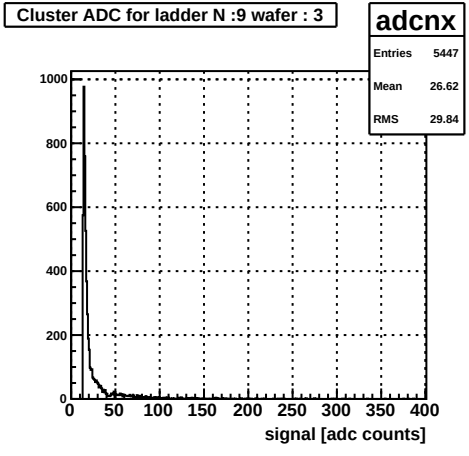

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 4341
Mean 24.76
RMS 20.66
signal [adc counts]

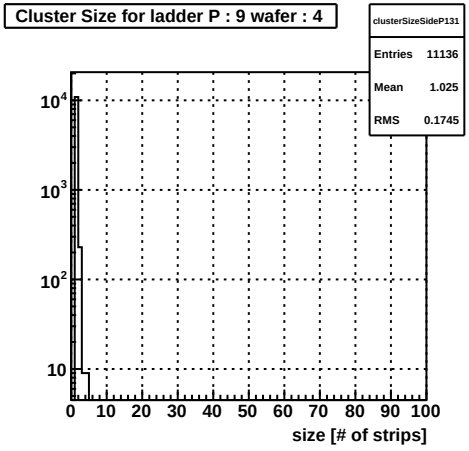

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1820
Mean 1.133
RMS 0.464
size [# of strips]

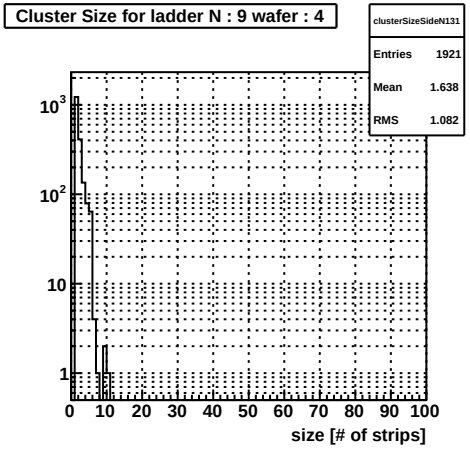

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 5447
Mean 1.241
RMS 0.7085
size [# of strips]

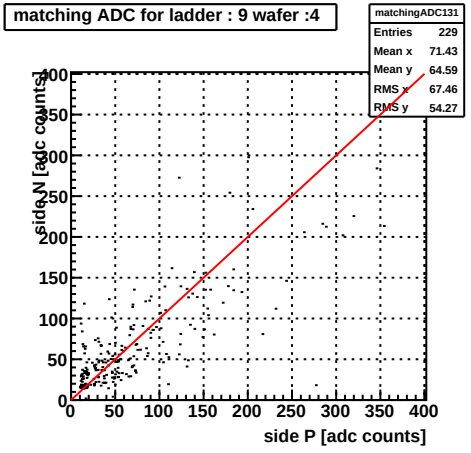

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 415
Mean x 77
Mean y 75.82
RMS x 63.08
RMS y 58.94
side N [adc counts]
side P [adc counts]

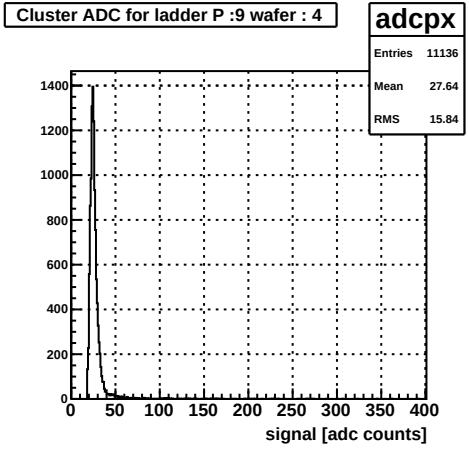

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1820
Mean 45.6
RMS 49.36
signal [adc counts]

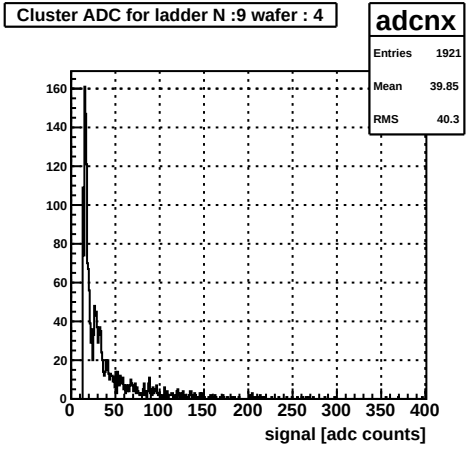

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 5447
Mean 26.62
RMS 29.84
signal [adc counts]

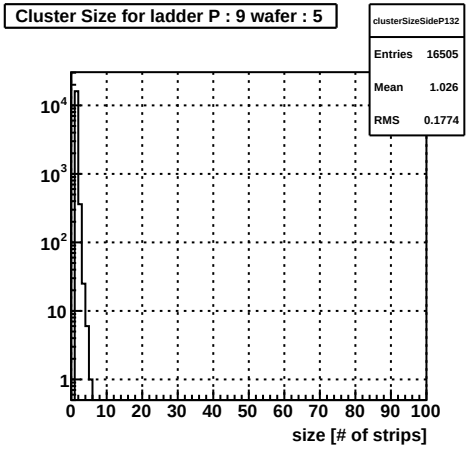

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11136
Mean 1.025
RMS 0.1745
size [# of strips]

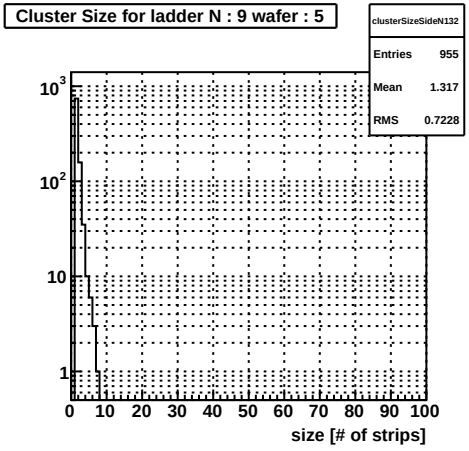

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1921
Mean 1.638
RMS 1.082
size [# of strips]

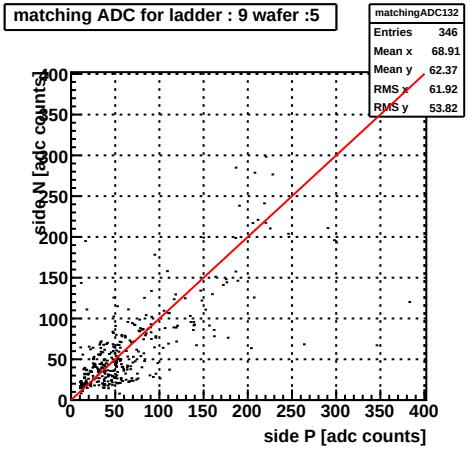

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 229
Mean x 71.43
Mean y 64.59
RMS x 67.46
RMS y 54.27
side N [adc counts]
side P [adc counts]

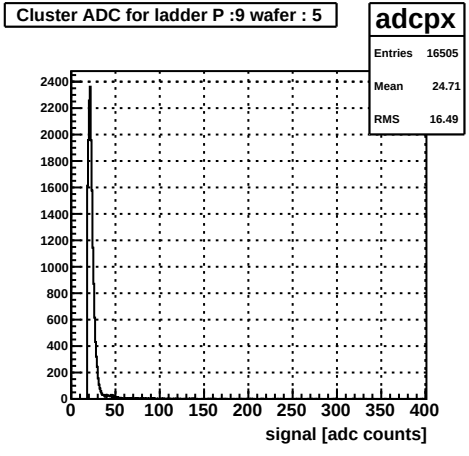

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11136
Mean 27.64
RMS 15.84
signal [adc counts]

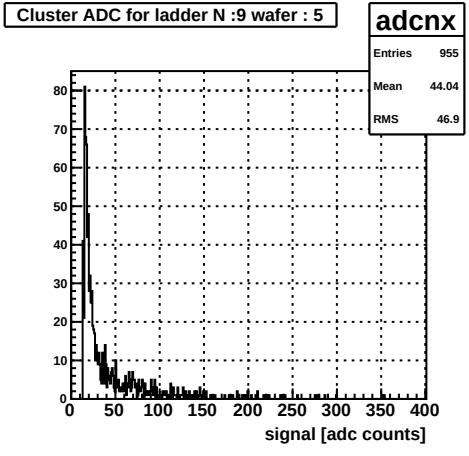

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1921
Mean 39.85
RMS 40.3
signal [adc counts]

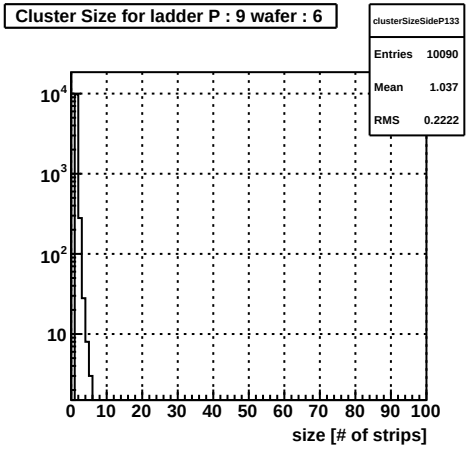

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 16505
Mean 1.026
RMS 0.1774
size [# of strips]

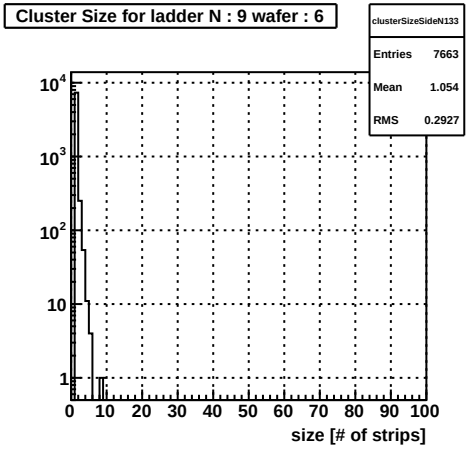

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 955
Mean 1.317
RMS 0.7228
size [# of strips]

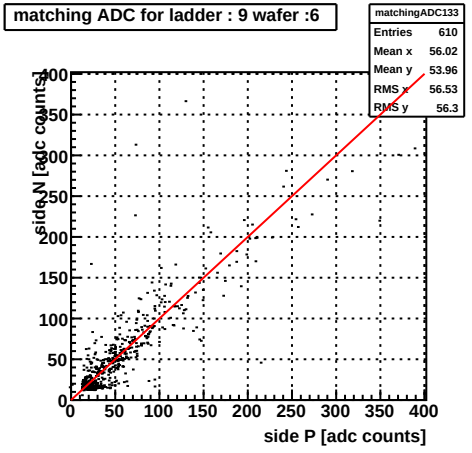

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 346
Mean x 68.91
Mean y 62.37
RMS x 61.92
RMS y 53.82
side N [adc counts]
side P [adc counts]

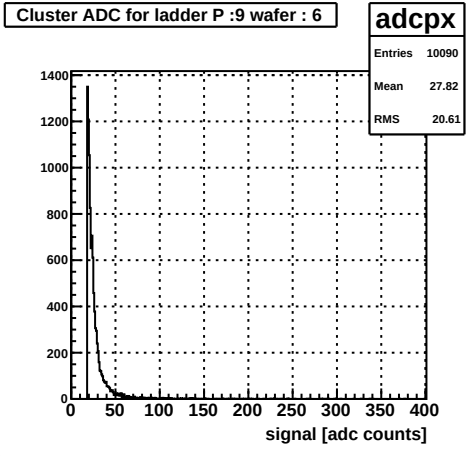

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 16505
Mean 24.71
RMS 16.49
signal [adc counts]

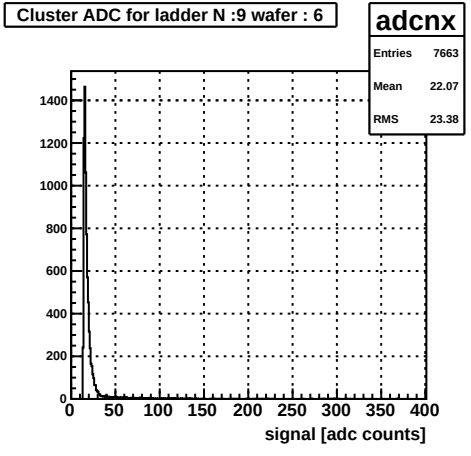

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 955
Mean 44.04
RMS 46.9
signal [adc counts]

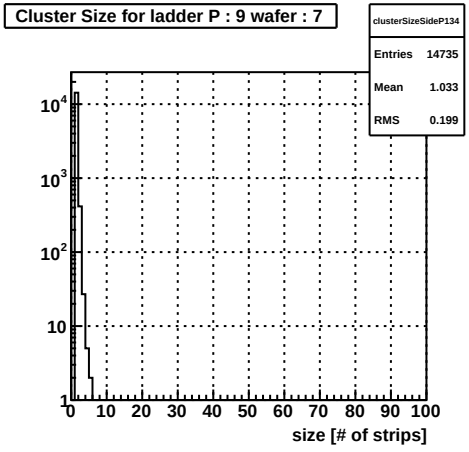

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10090
Mean 1.037
RMS 0.2222
size [# of strips]

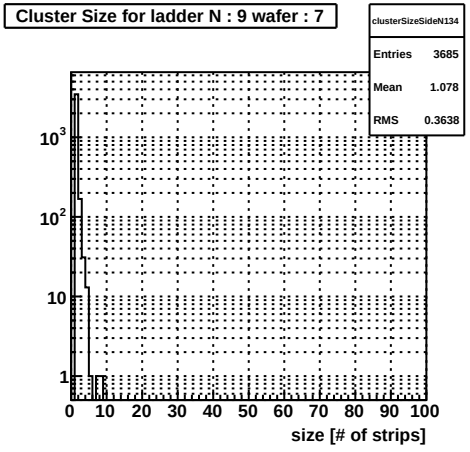

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 7663
Mean 1.054
RMS 0.2927
size [# of strips]

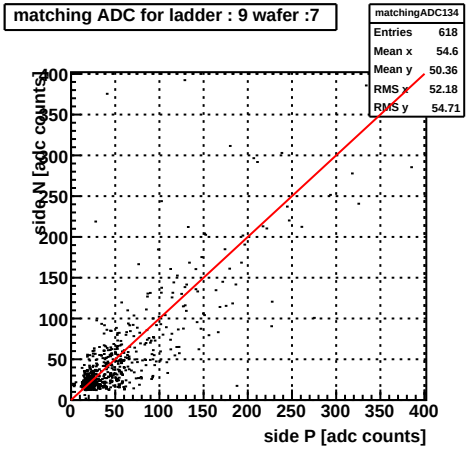

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 610
Mean x 56.02
Mean y 53.96
RMS x 56.53
RMS y 56.3
side N [adc counts]
side P [adc counts]

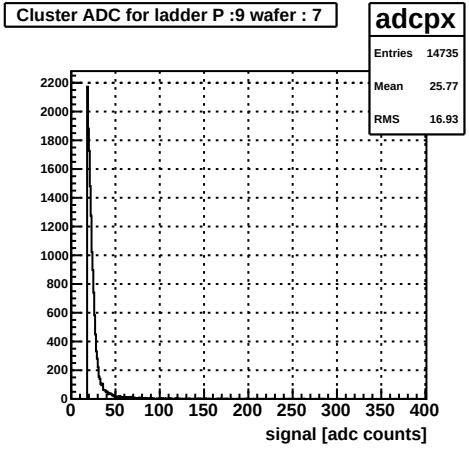

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10090
Mean 27.82
RMS 20.61
signal [adc counts]

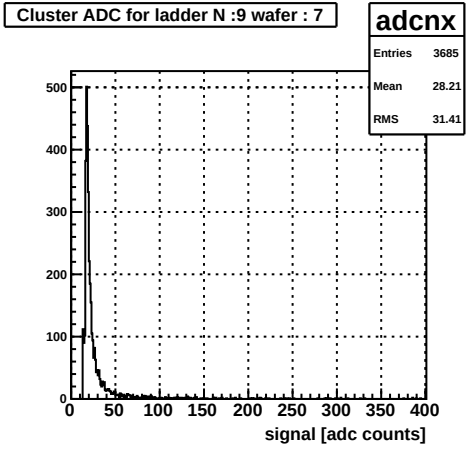

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 7663
Mean 22.07
RMS 23.38
signal [adc counts]

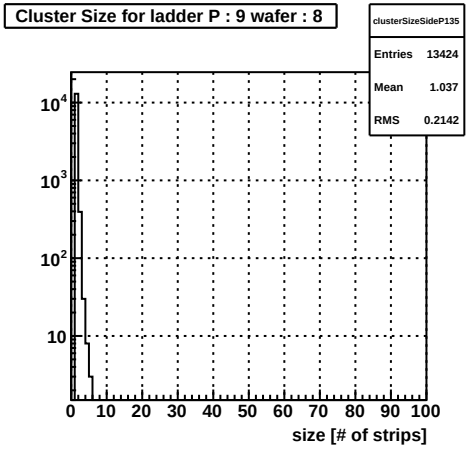

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14735
Mean 1.033
RMS 0.199
size [# of strips]

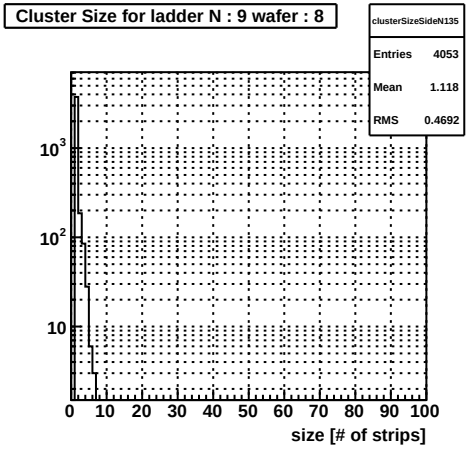

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 3685
Mean 1.078
RMS 0.3638
size [# of strips]

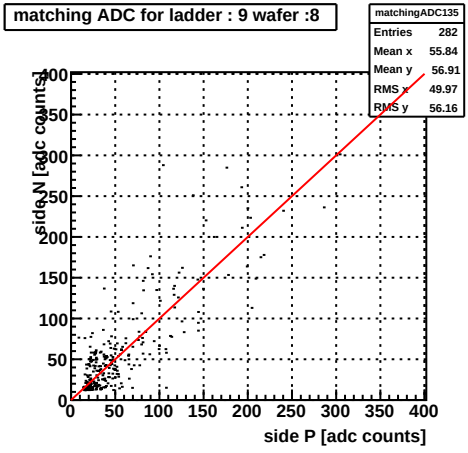

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 618
Mean x 54.6
Mean y 50.36
RMS x 52.18
RMS y 54.71
side N [adc counts]
side P [adc counts]

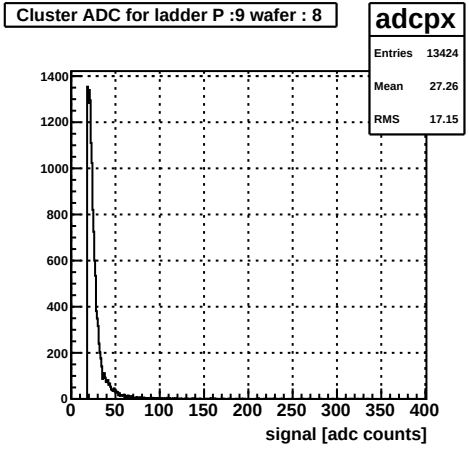

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14735
Mean 25.77
RMS 16.93
signal [adc counts]

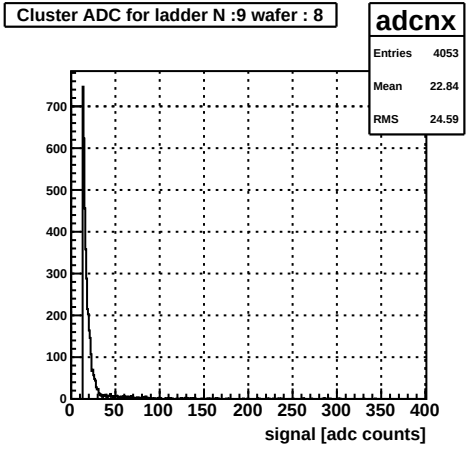

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 3685
Mean 28.21
RMS 31.41
signal [adc counts]

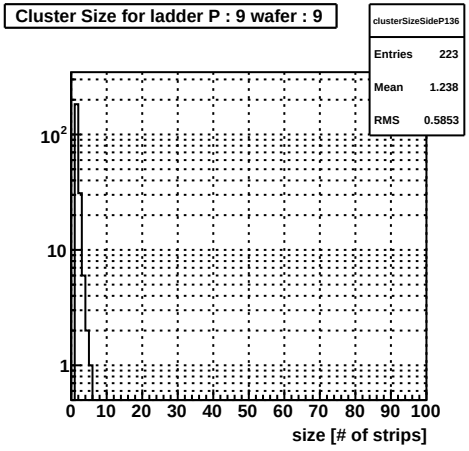

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13424
Mean 1.037
RMS 0.2142
size [# of strips]

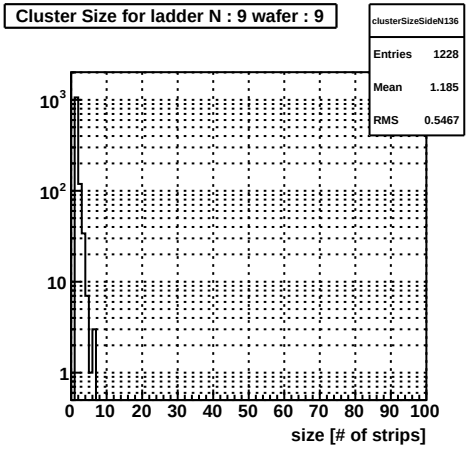

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4053
Mean 1.118
RMS 0.4692
size [# of strips]

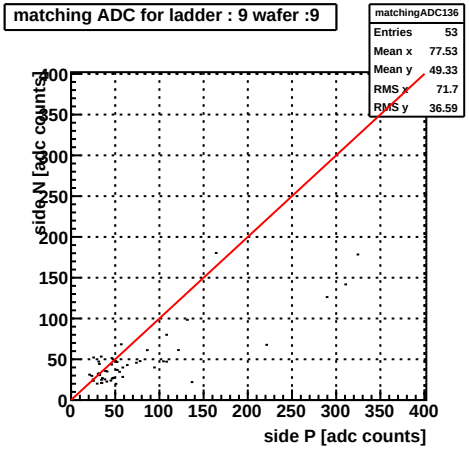

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 282
Mean x 55.84
Mean y 56.91
RMS x 49.97
RMS y 56.16
side N [adc counts]
side P [adc counts]

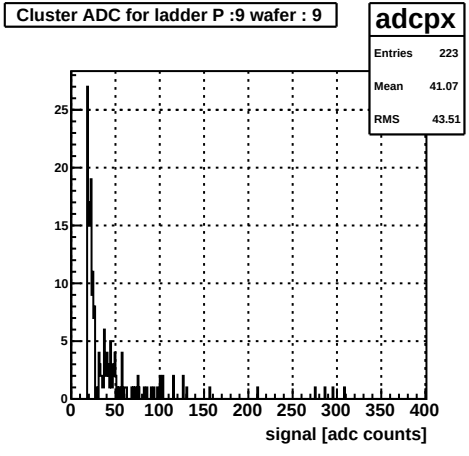

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13424
Mean 27.26
RMS 17.15
signal [adc counts]

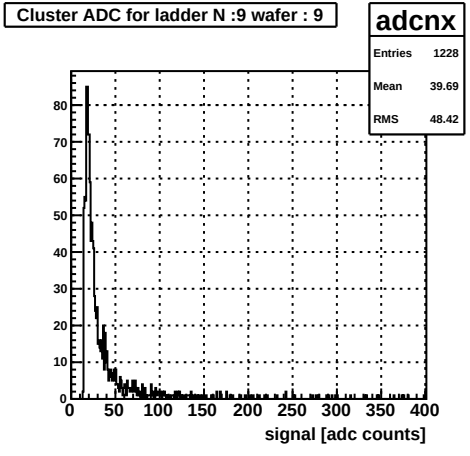

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4053
Mean 22.84
RMS 24.59
signal [adc counts]

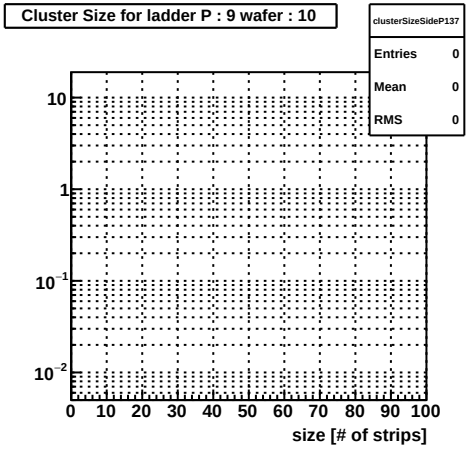

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 223
Mean 1.238
RMS 0.5853
size [# of strips]

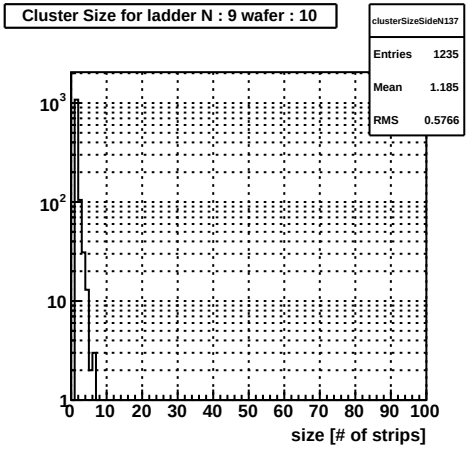

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1228
Mean 1.185
RMS 0.5467
size [# of strips]

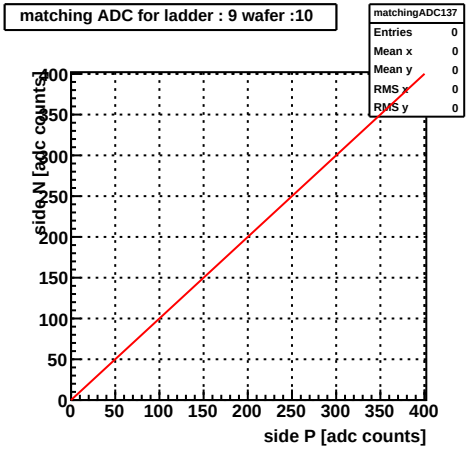

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 53
Mean x 77.53
Mean y 49.33
RMS x 71.7
RMS y 36.59
side N [adc counts]
side P [adc counts]

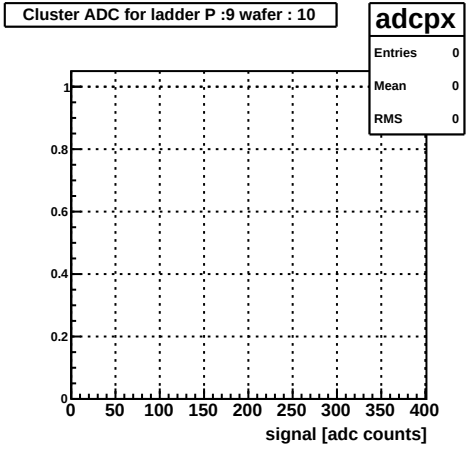

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 223
Mean 41.07
RMS 43.51
signal [adc counts]

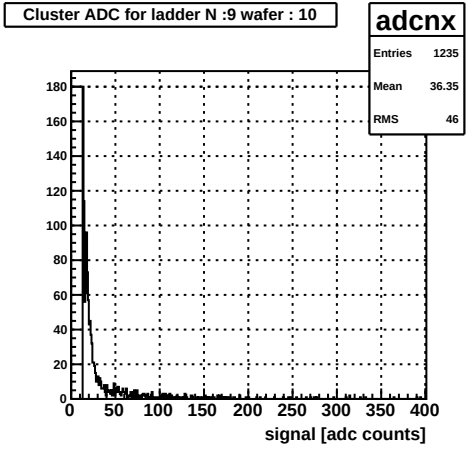

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1228
Mean 39.69
RMS 48.42
signal [adc counts]

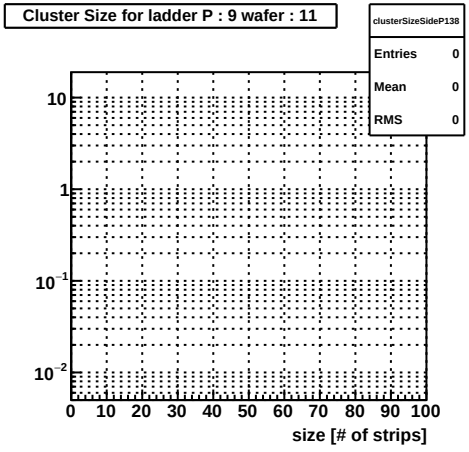

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

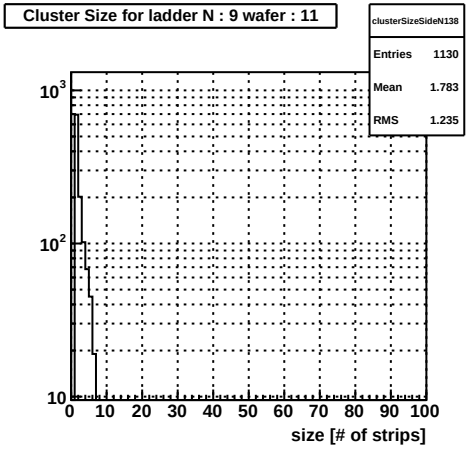

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1235
Mean 1.185
RMS 0.5766
size [# of strips]

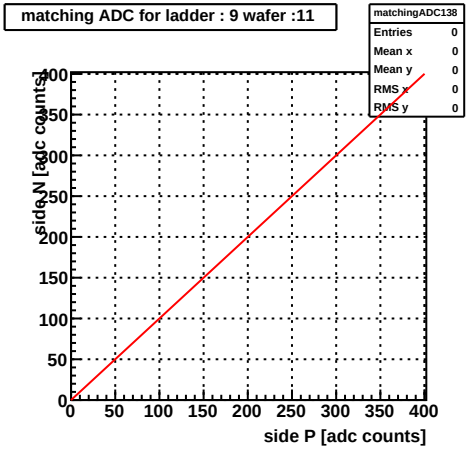

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

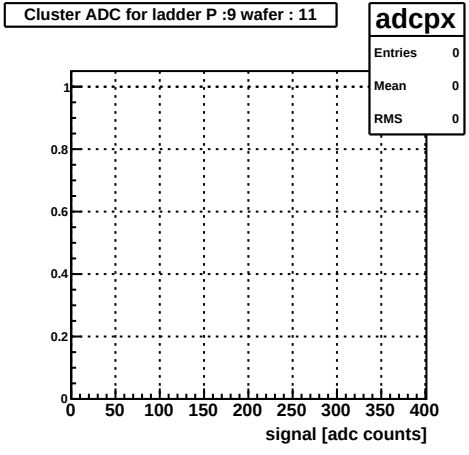

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

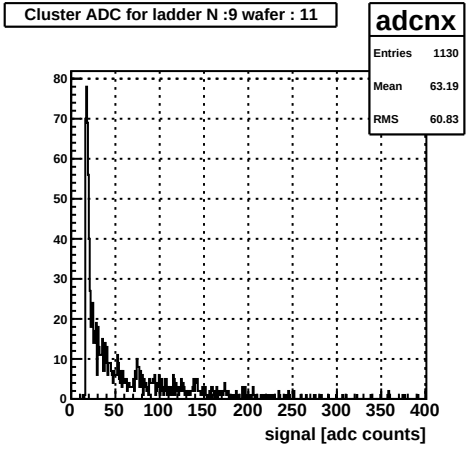

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1235
Mean 36.35
RMS 46
signal [adc counts]

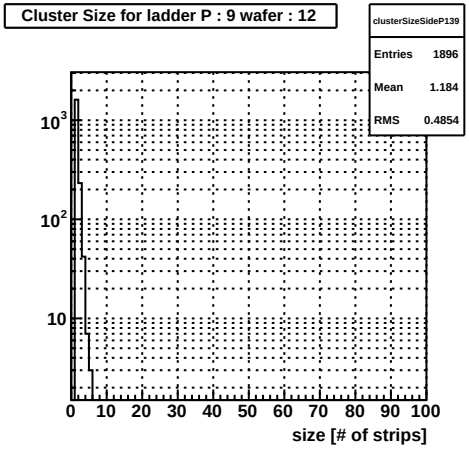

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

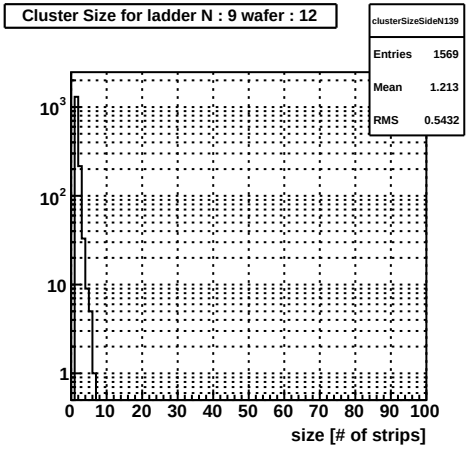

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1130
Mean 1.783
RMS 1.235
size [# of strips]

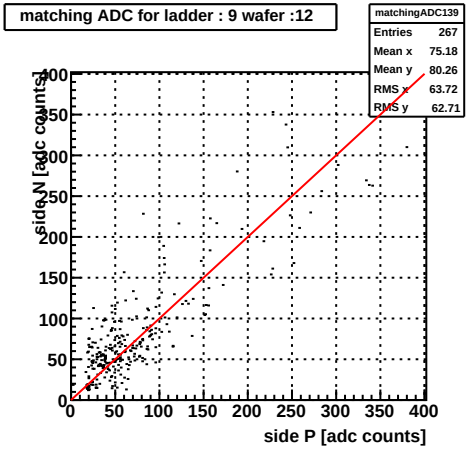

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

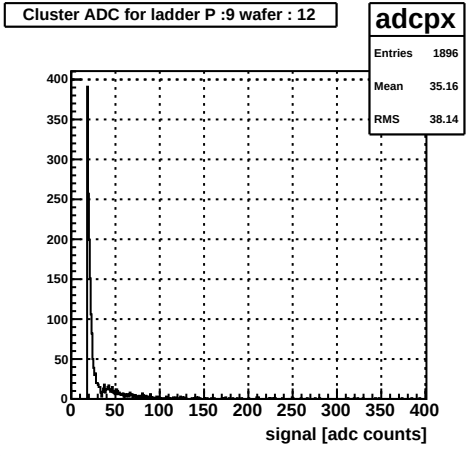

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

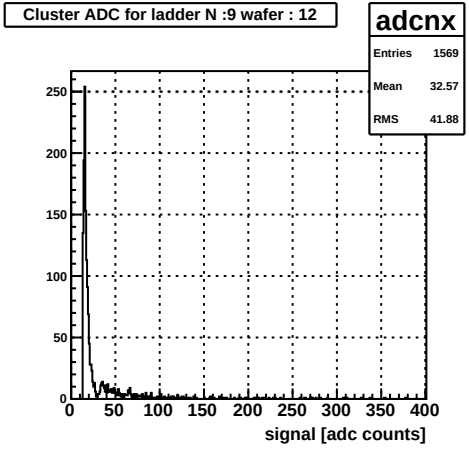

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1130
Mean 63.19
RMS 60.83
signal [adc counts]

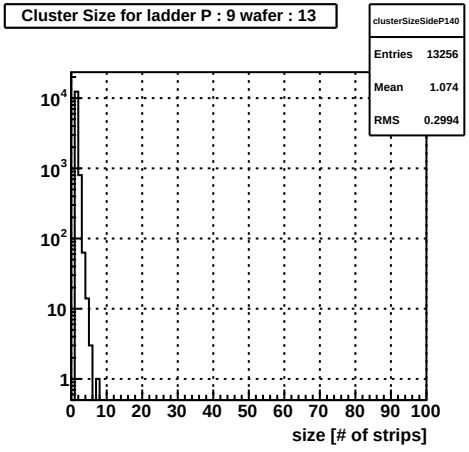

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1896
Mean 1.184
RMS 0.4854
size [# of strips]

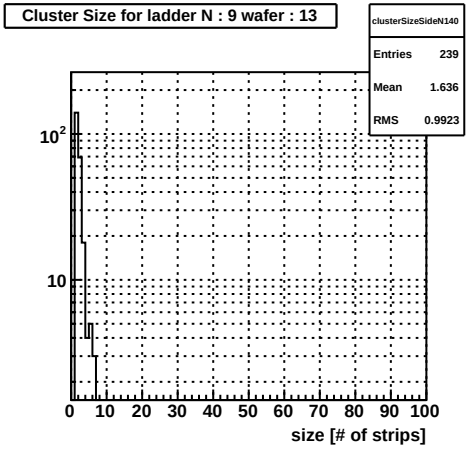

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1569
Mean 1.213
RMS 0.5432
size [# of strips]

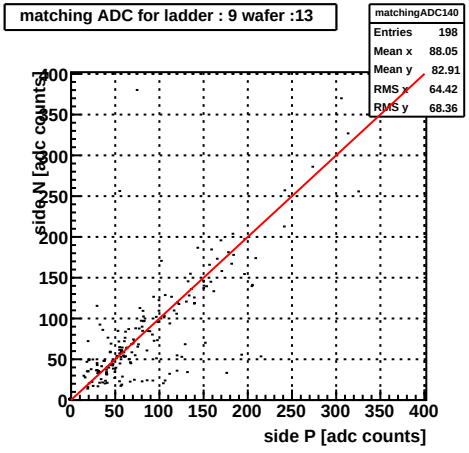

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 267
Mean x 75.18
Mean y 80.26
RMS x 63.72
RMS y 62.71
side N [adc counts]
side P [adc counts]

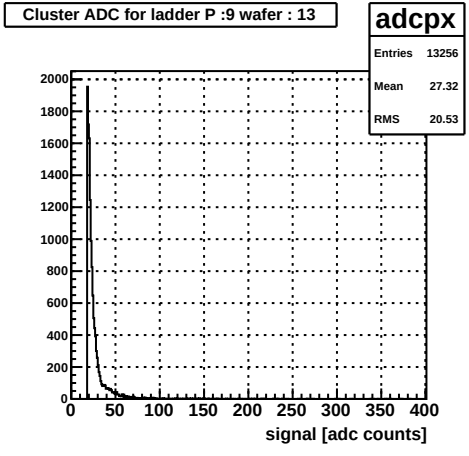

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1896
Mean 35.16
RMS 38.14
signal [adc counts]

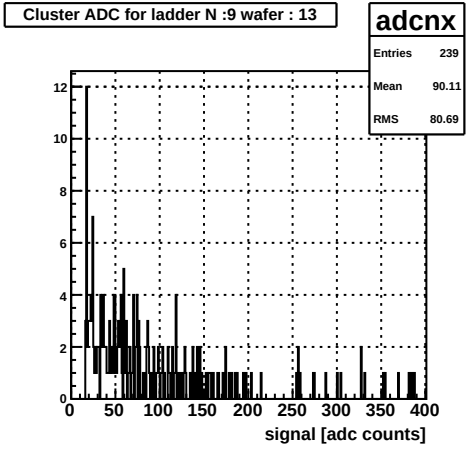

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1569
Mean 32.57
RMS 41.88
signal [adc counts]

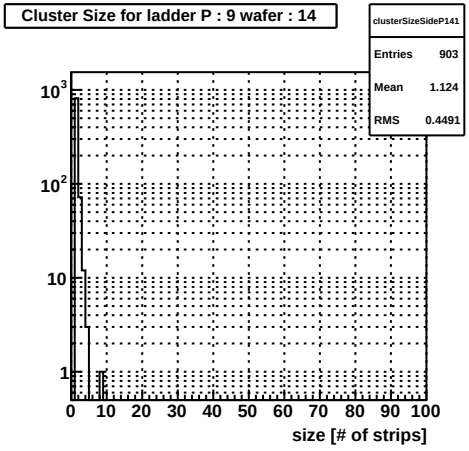

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13256
Mean 1.074
RMS 0.2994
size [# of strips]

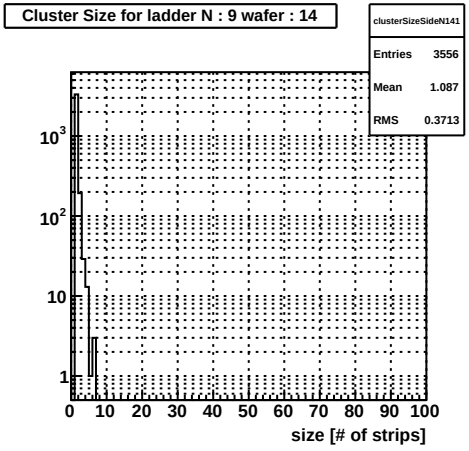

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 239
Mean 1.636
RMS 0.9923
size [# of strips]

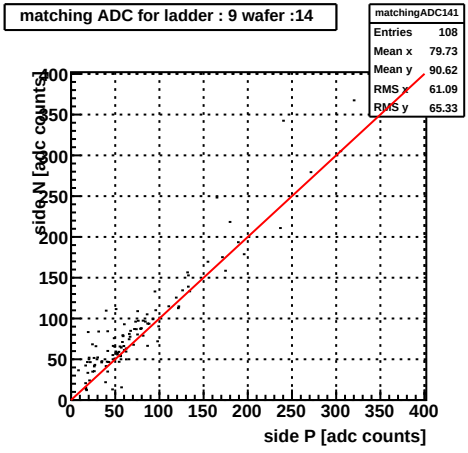

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 198
Mean x 88.05
Mean y 82.91
RMS x 64.42
RMS y 68.36
side N [adc counts]
side P [adc counts]

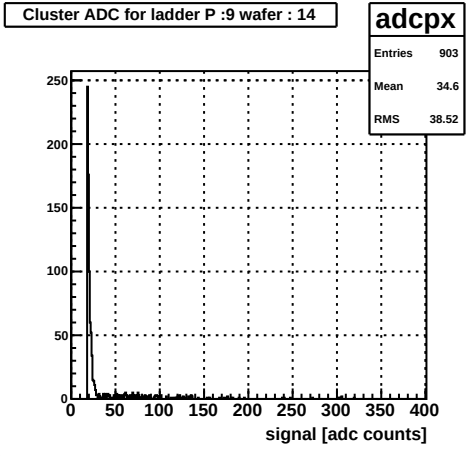

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13256
Mean 27.32
RMS 20.53
signal [adc counts]

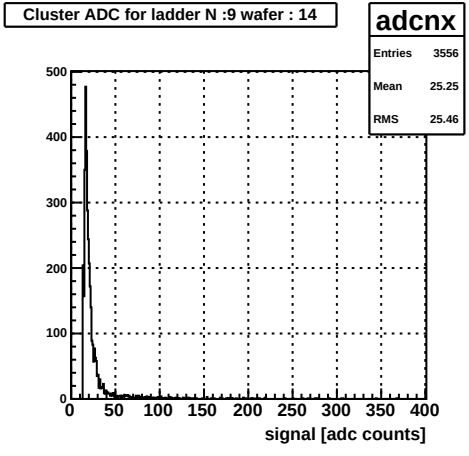

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 239
Mean 90.11
RMS 80.69
signal [adc counts]

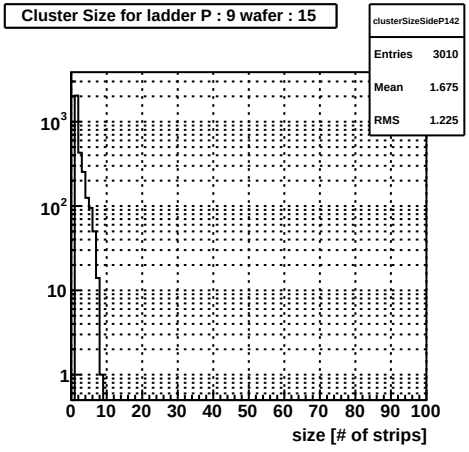

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 903
Mean 1.124
RMS 0.4491
size [# of strips]

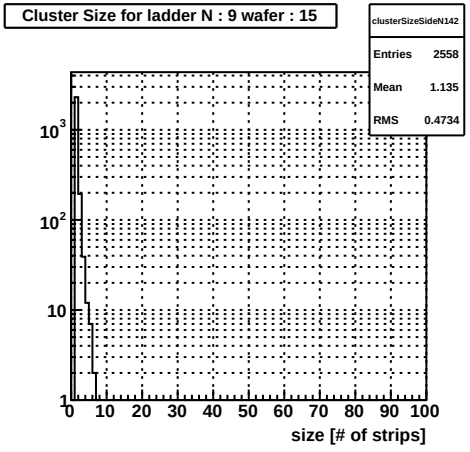

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 3556
Mean 1.087
RMS 0.3713
size [# of strips]

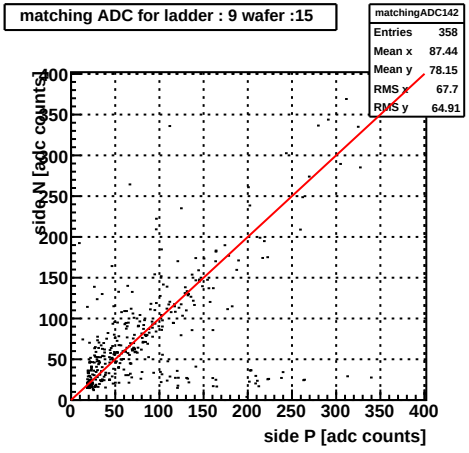

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 108
Mean x 79.73
Mean y 90.62
RMS x 61.09
RMS y 65.33
side N [adc counts]
side P [adc counts]

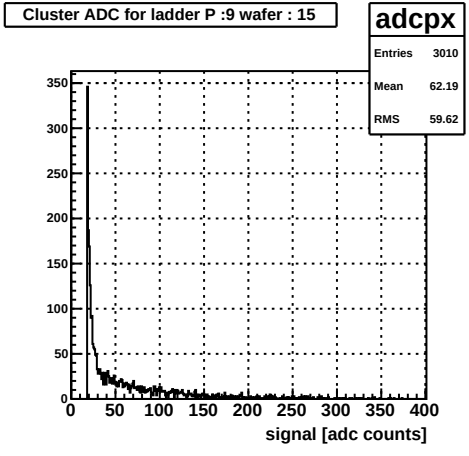

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 903
Mean 34.6
RMS 38.52
signal [adc counts]

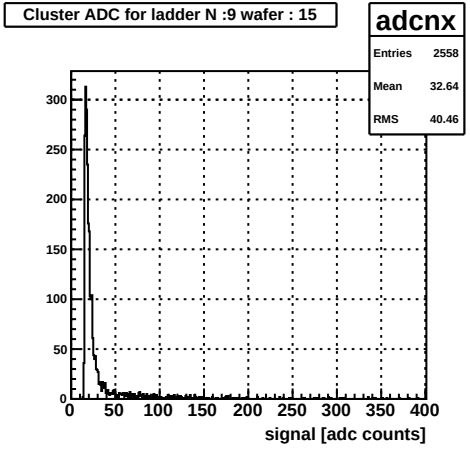

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 3556
Mean 25.25
RMS 25.46
signal [adc counts]

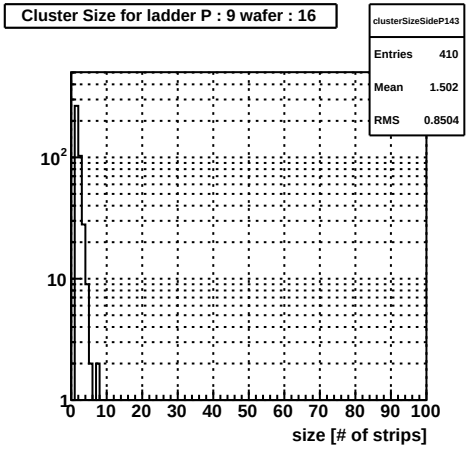

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3010
Mean 1.675
RMS 1.225
size [# of strips]

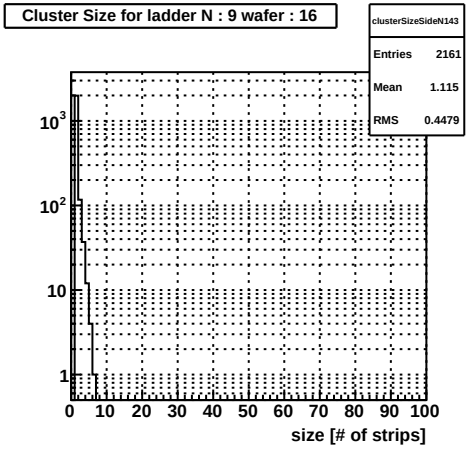

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2558
Mean 1.135
RMS 0.4734
size [# of strips]

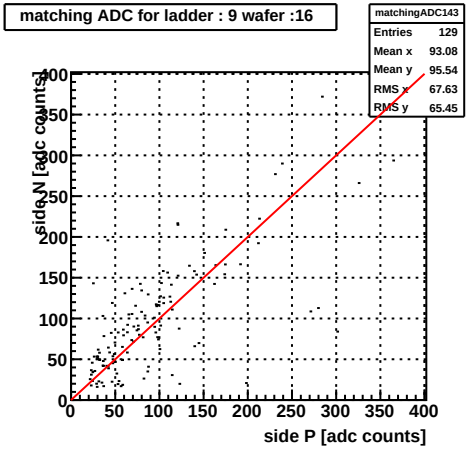

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 358
Mean x 87.44
Mean y 78.15
RMS x 67.7
RMS y 64.91
side N [adc counts]
side P [adc counts]

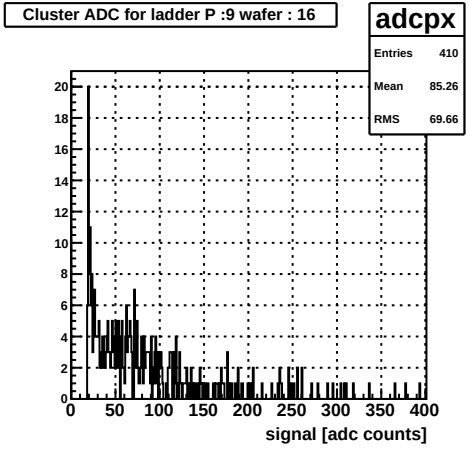

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3010
Mean 62.19
RMS 59.62
signal [adc counts]

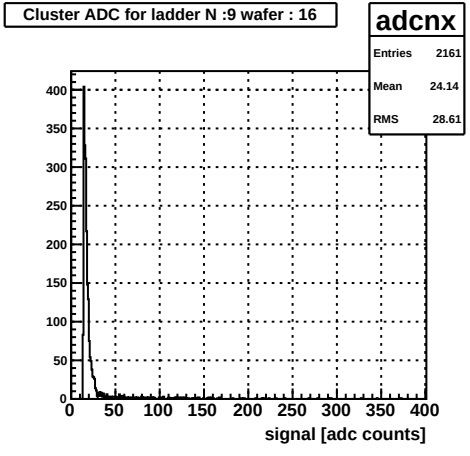

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2558
Mean 32.64
RMS 40.46
signal [adc counts]

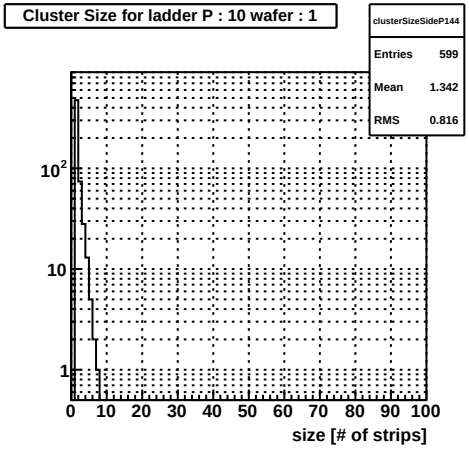

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 410
Mean 1.502
RMS 0.8504
size [# of strips]

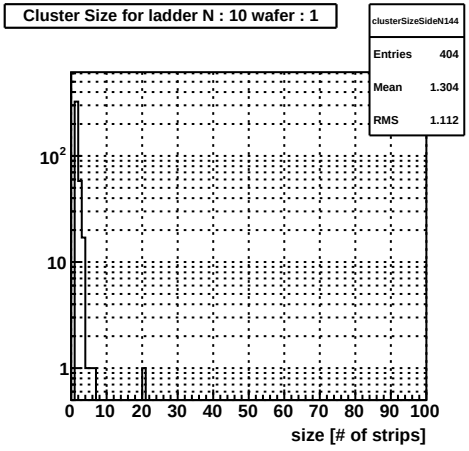

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2161
Mean 1.115
RMS 0.4479
size [# of strips]

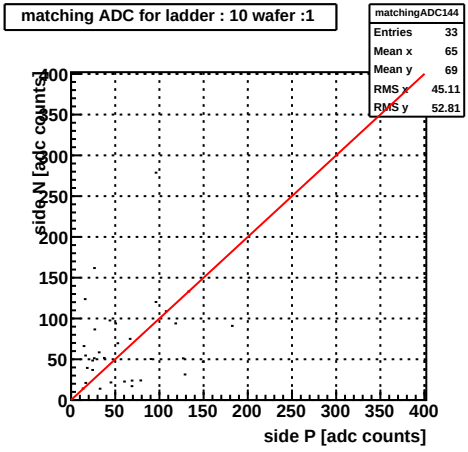

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 129
Mean x 93.08
Mean y 95.54
RMS x 67.63
RMS y 65.45
side N [adc counts]
side P [adc counts]

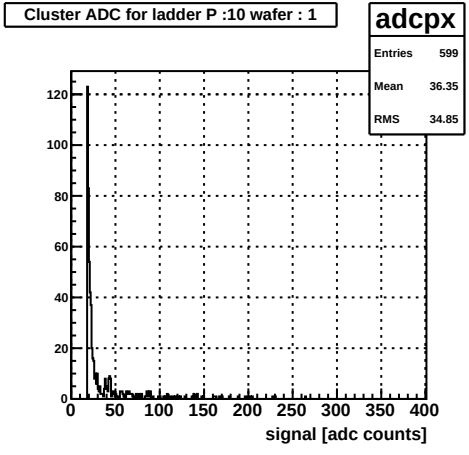

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 410
Mean 85.26
RMS 69.66
signal [adc counts]

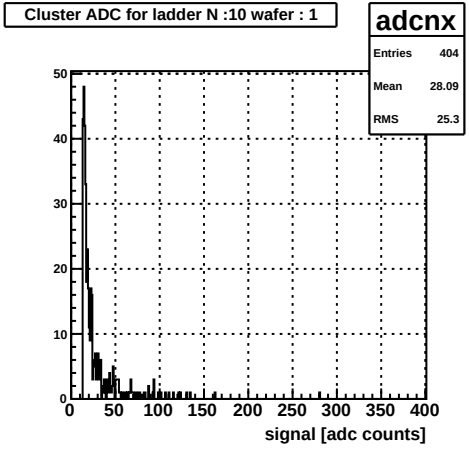

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2161
Mean 24.14
RMS 28.61
signal [adc counts]

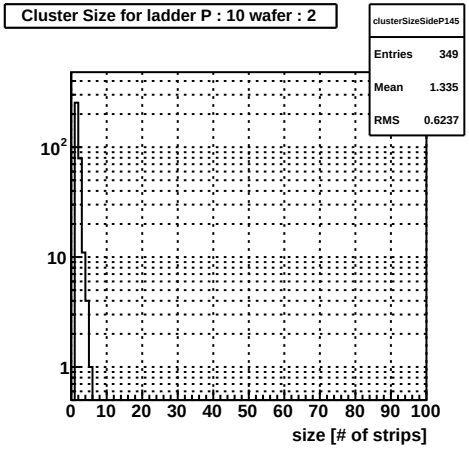

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 599
Mean 1.342
RMS 0.816
size [# of strips]

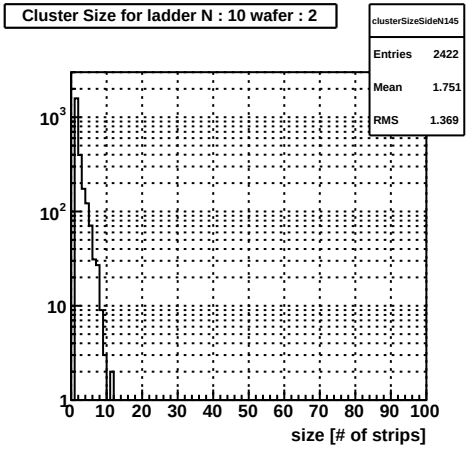

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 404
Mean 1.304
RMS 1.112
size [# of strips]

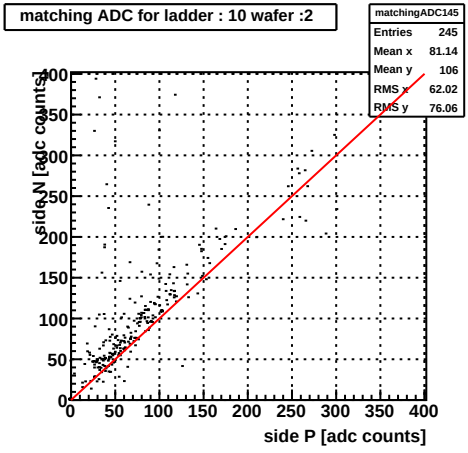

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 33
Mean x 65
Mean y 69
RMS x 45.11
RMS y 52.81
side N [adc counts]
side P [adc counts]

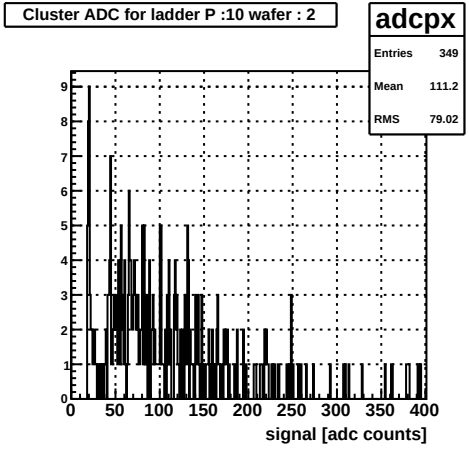

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 599
Mean 36.35
RMS 34.85
signal [adc counts]

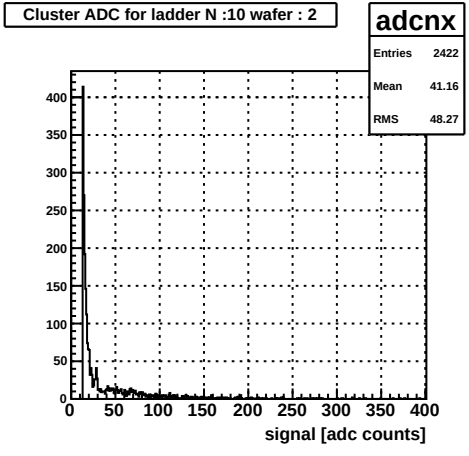

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 404
Mean 28.09
RMS 25.3
signal [adc counts]

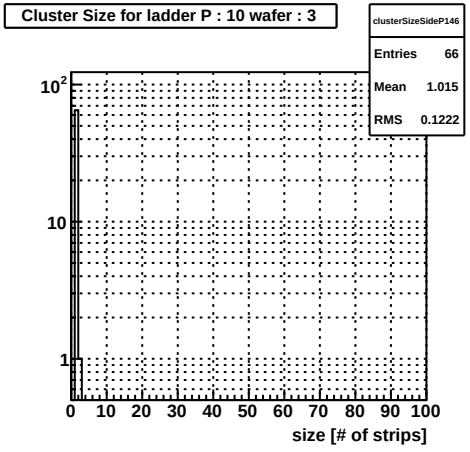

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 349
Mean 1.335
RMS 0.6237
size [# of strips]

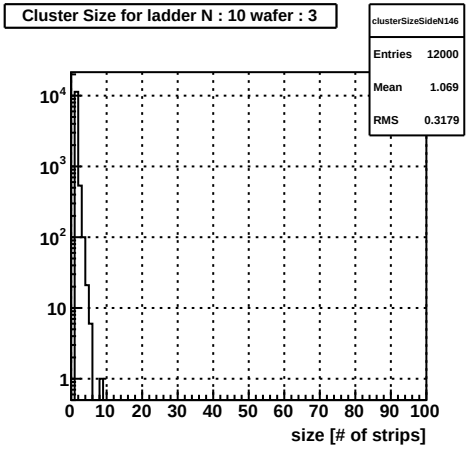

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 2422
Mean 1.751
RMS 1.369
size [# of strips]

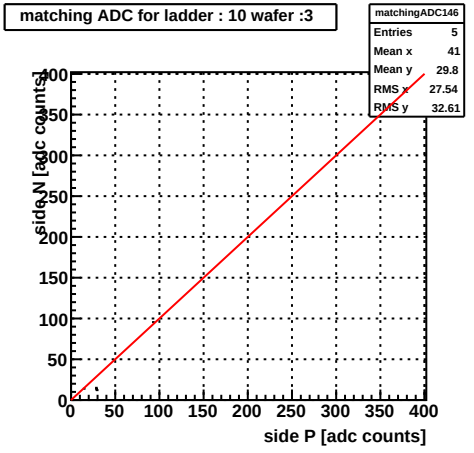

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 245
Mean x 81.14
Mean y 106
RMS x 62.02
RMS y 76.06
side N [adc counts]
side P [adc counts]

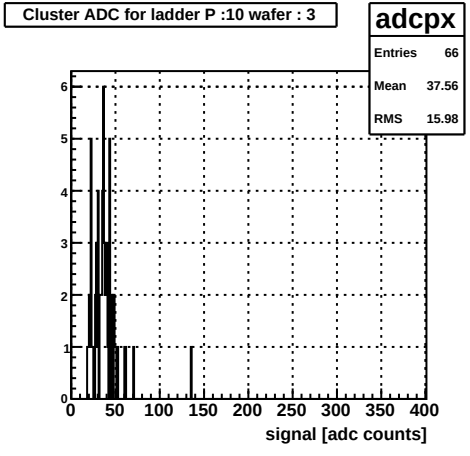

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 349
Mean 111.2
RMS 79.02
signal [adc counts]

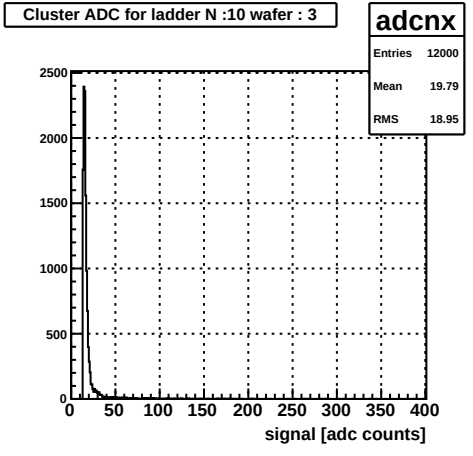

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 2422
Mean 41.16
RMS 48.27
signal [adc counts]

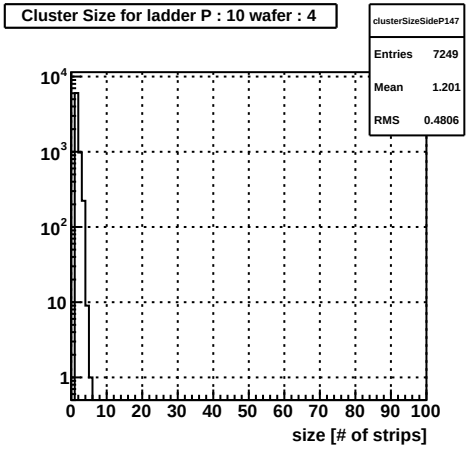

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 66
Mean 1.015
RMS 0.1222
size [# of strips]

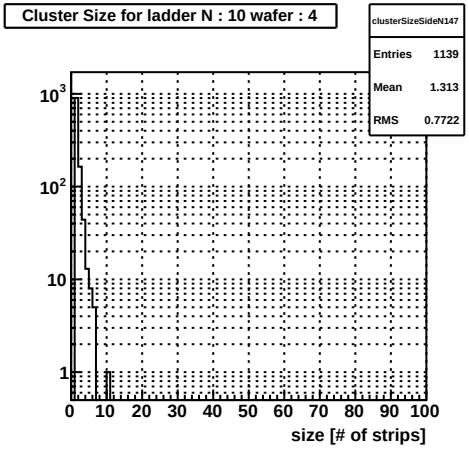

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12000
Mean 1.069
RMS 0.3179
size [# of strips]

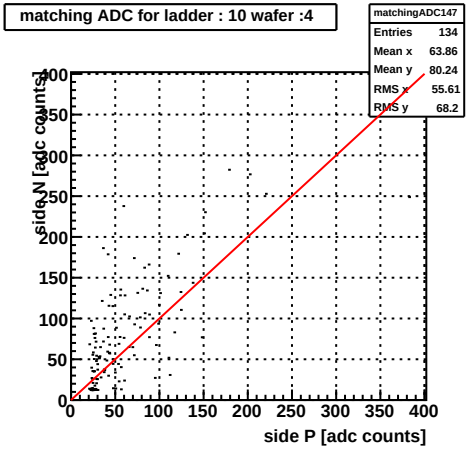

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 5
Mean x 41
Mean y 29.8
RMS x 27.54
RMS y 32.61
side N [adc counts]
side P [adc counts]

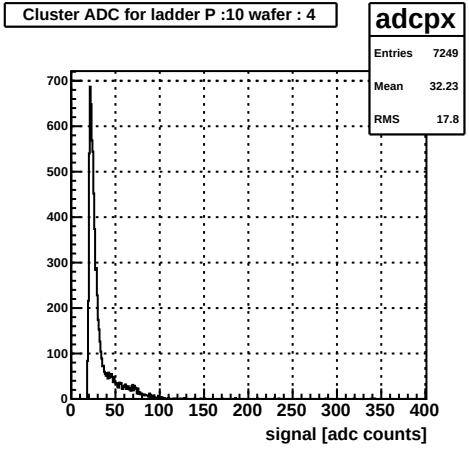

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 66
Mean 37.56
RMS 15.98
signal [adc counts]

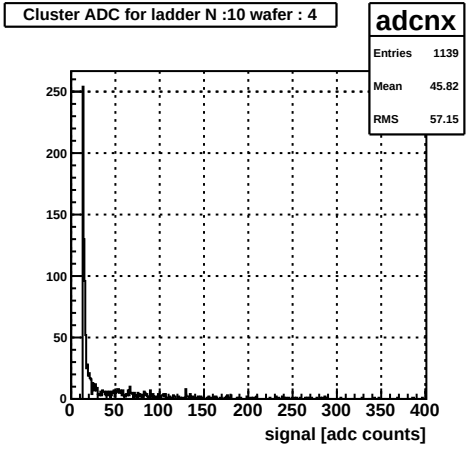

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12000
Mean 19.79
RMS 18.95
signal [adc counts]

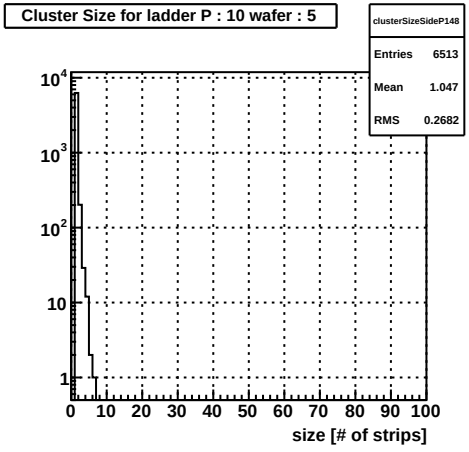

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7249
Mean 1.201
RMS 0.4806
size [# of strips]

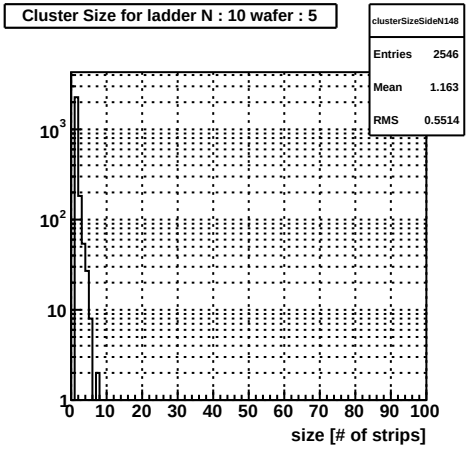

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1139
Mean 1.313
RMS 0.7722
size [# of strips]

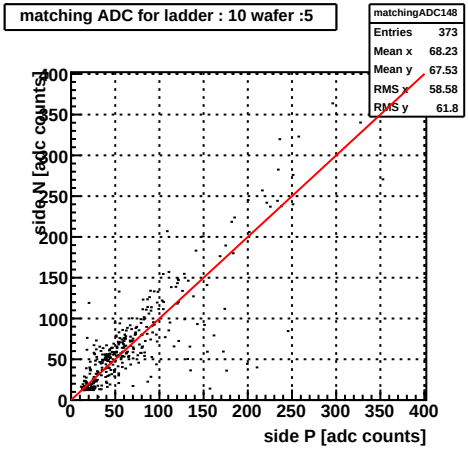

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 134
Mean x 63.86
Mean y 80.24
RMS x 55.61
RMS y 68.2
side N [adc counts]
side P [adc counts]

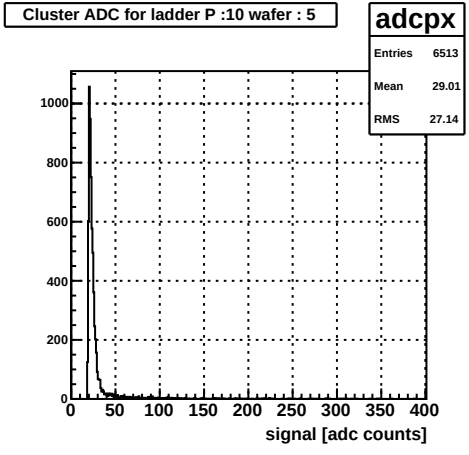

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7249
Mean 32.23
RMS 17.8
signal [adc counts]

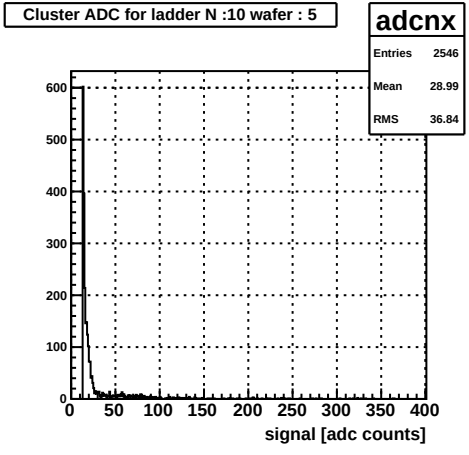

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1139
Mean 45.82
RMS 57.15
signal [adc counts]

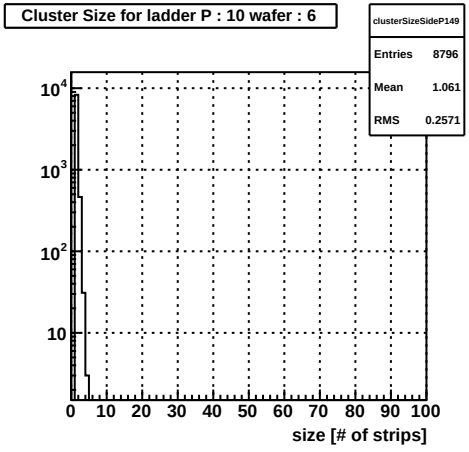

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6513
Mean 1.047
RMS 0.2682
size [# of strips]

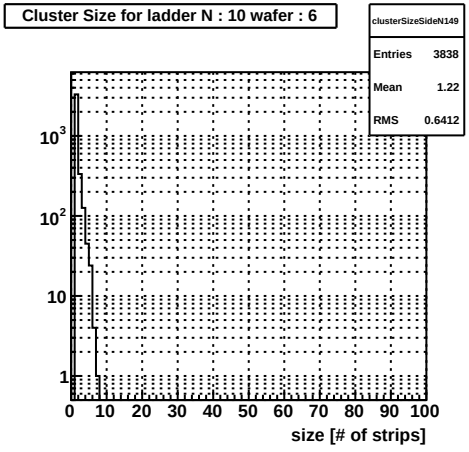

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2546
Mean 1.163
RMS 0.5514
size [# of strips]

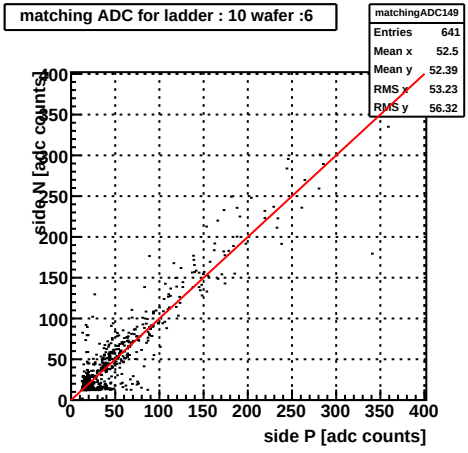

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 373
Mean x 68.23
Mean y 67.53
RMS x 58.58
RMS y 61.8
side N [adc counts]
side P [adc counts]

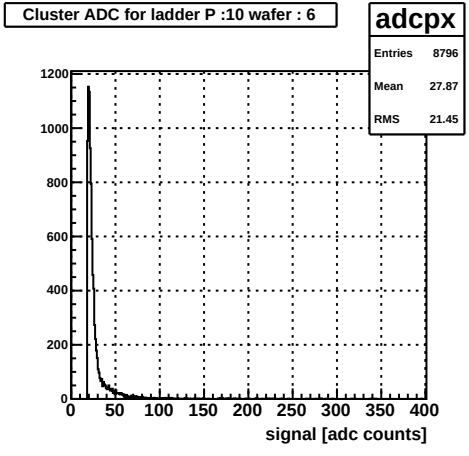

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6513
Mean 29.01
RMS 27.14
signal [adc counts]

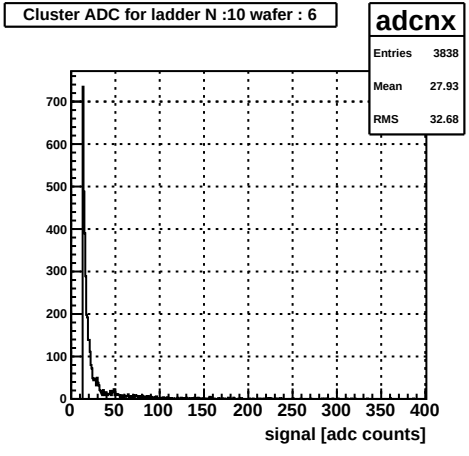

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2546
Mean 28.99
RMS 36.84
signal [adc counts]

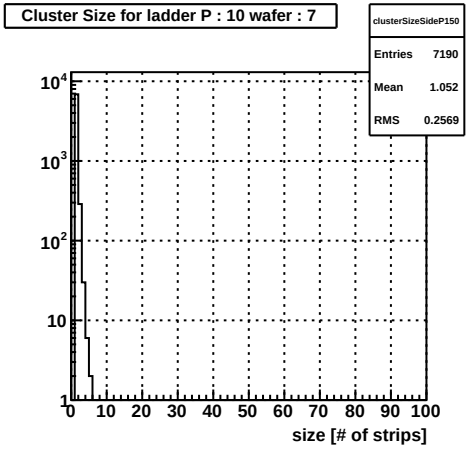

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8796
Mean 1.061
RMS 0.2571
size [# of strips]

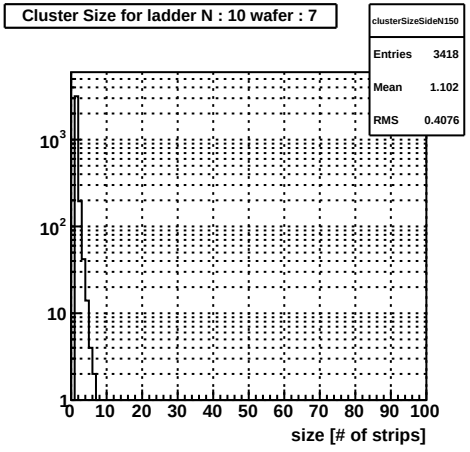

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 3838
Mean 1.22
RMS 0.6412
size [# of strips]

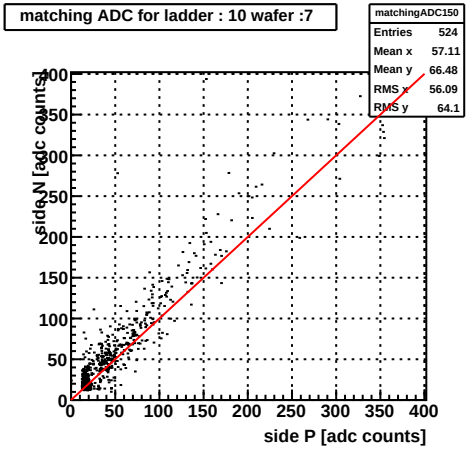

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 641
Mean x 52.5
Mean y 52.39
RMS x 53.23
RMS y 56.32
side N [adc counts]
side P [adc counts]

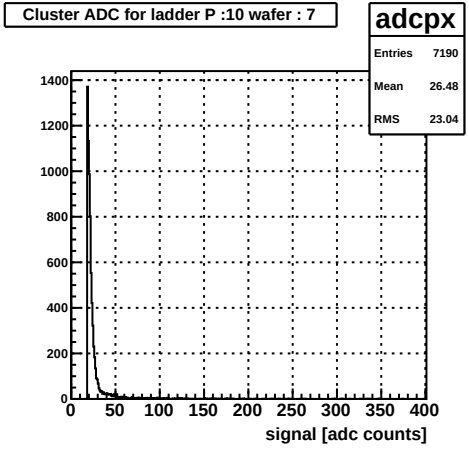

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8796
Mean 27.87
RMS 21.45
signal [adc counts]

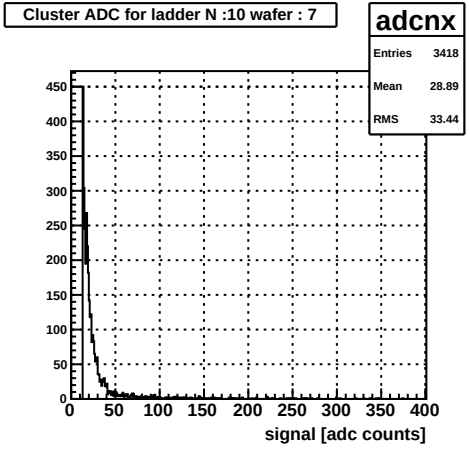

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 3838
Mean 27.93
RMS 32.68
signal [adc counts]

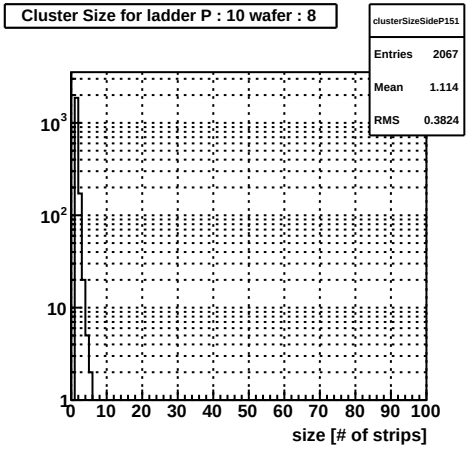

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7190
Mean 1.052
RMS 0.2569
size [# of strips]

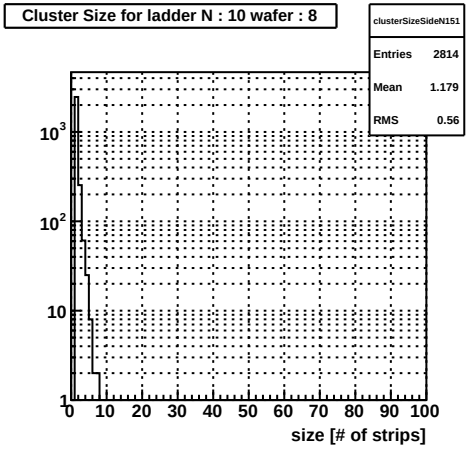

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3418
Mean 1.102
RMS 0.4076
size [# of strips]

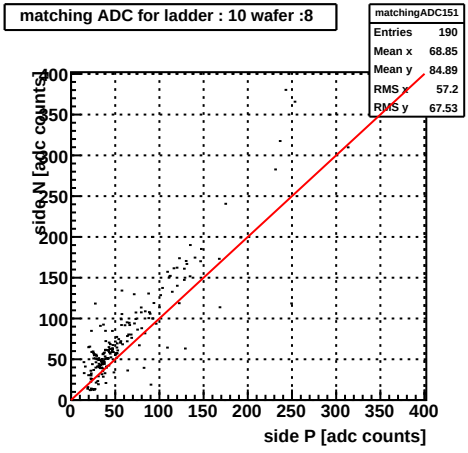

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 524
Mean x 57.11
Mean y 66.48
RMS x 56.09
RMS y 64.1
side N [adc counts]
side P [adc counts]

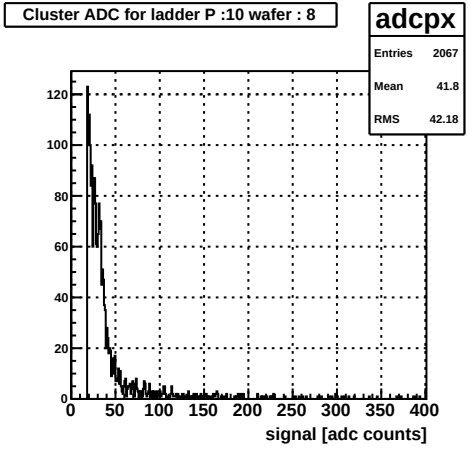

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7190
Mean 26.48
RMS 23.04
signal [adc counts]

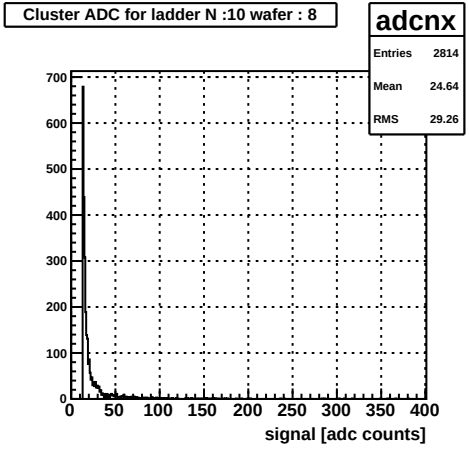

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3418
Mean 28.89
RMS 33.44
signal [adc counts]

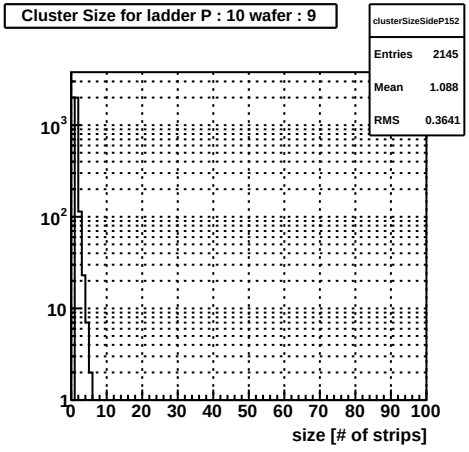

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2067
Mean 1.114
RMS 0.3824
size [# of strips]

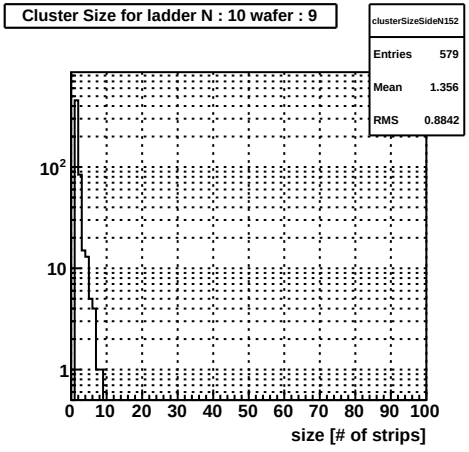

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 2814
Mean 1.179
RMS 0.56
size [# of strips]

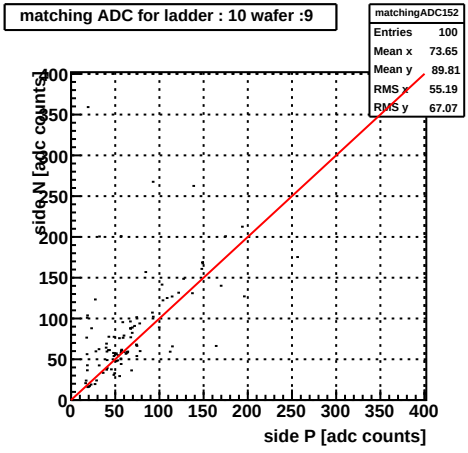

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 190
Mean x 68.85
Mean y 84.89
RMS x 57.2
RMS y 67.53
side N [adc counts]
side P [adc counts]

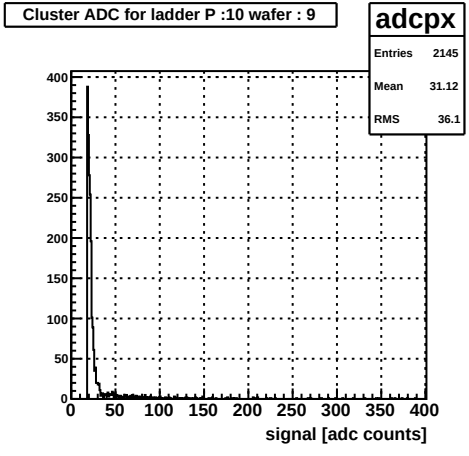

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2067
Mean 41.8
RMS 42.18
signal [adc counts]

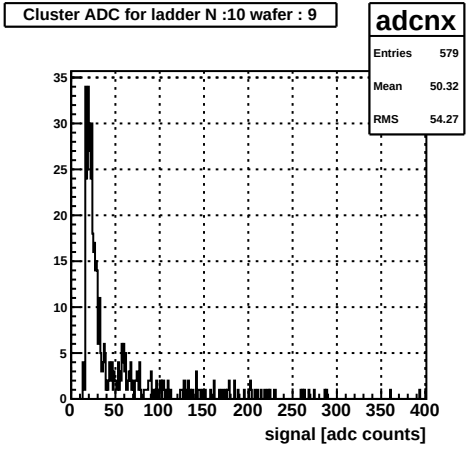

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 2814
Mean 24.64
RMS 29.26
signal [adc counts]

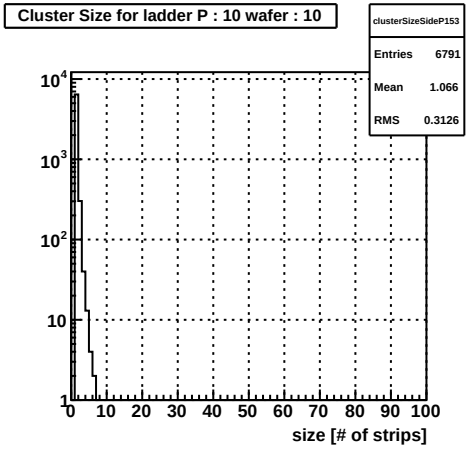

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2145
Mean 1.088
RMS 0.3641
size [# of strips]

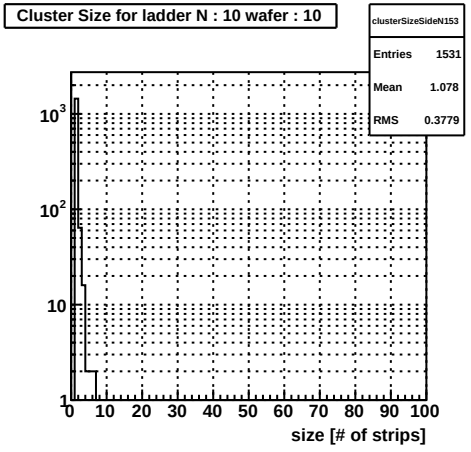

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 579
Mean 1.356
RMS 0.8842
size [# of strips]

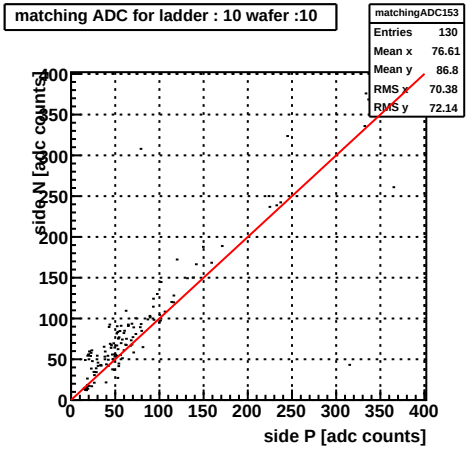

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 100
Mean x 73.65
Mean y 89.81
RMS x 55.19
RMS y 67.07
side N [adc counts]
side P [adc counts]

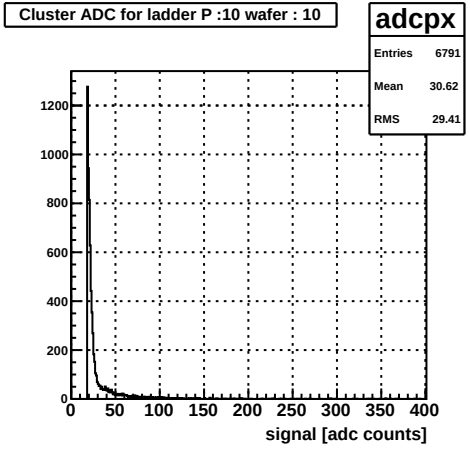

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2145
Mean 31.12
RMS 36.1
signal [adc counts]

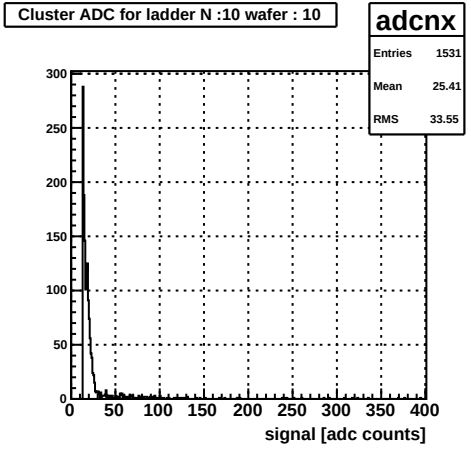

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 579
Mean 50.32
RMS 54.27
signal [adc counts]

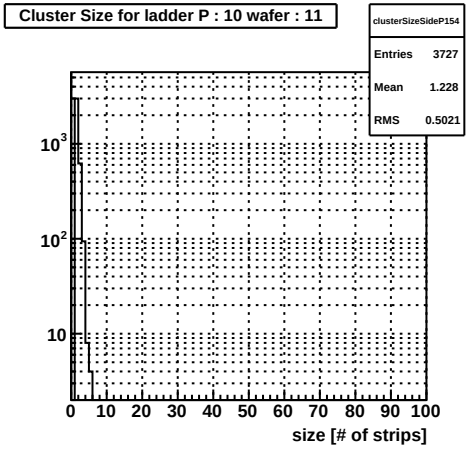

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6791
Mean 1.066
RMS 0.3126
size [# of strips]

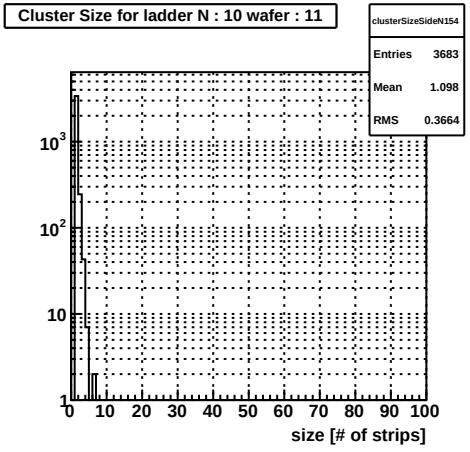

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1531
Mean 1.078
RMS 0.3779
size [# of strips]

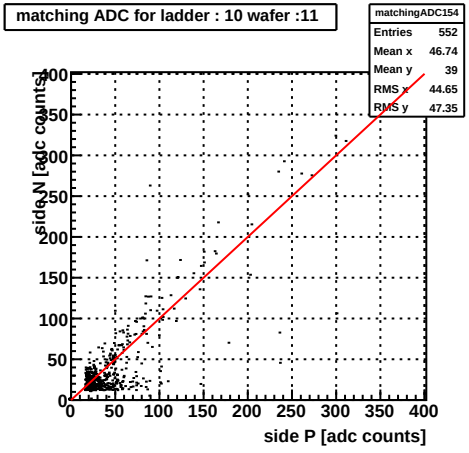

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 130
Mean x 76.61
Mean y 86.8
RMS x 70.38
RMS y 72.14
side N [adc counts]
side P [adc counts]

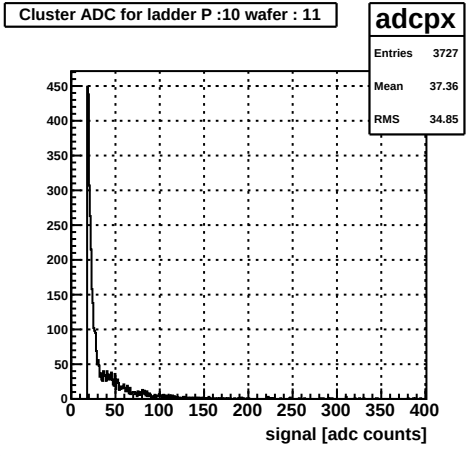

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6791
Mean 30.62
RMS 29.41
signal [adc counts]

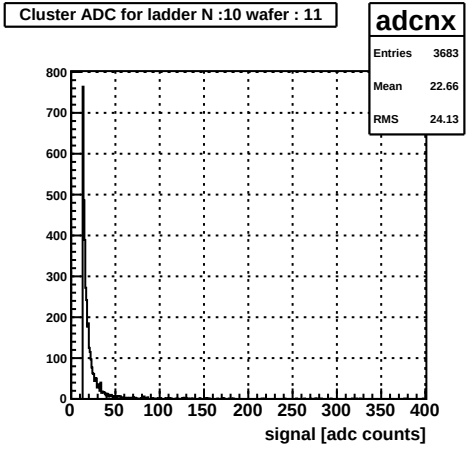

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1531
Mean 25.41
RMS 33.55
signal [adc counts]

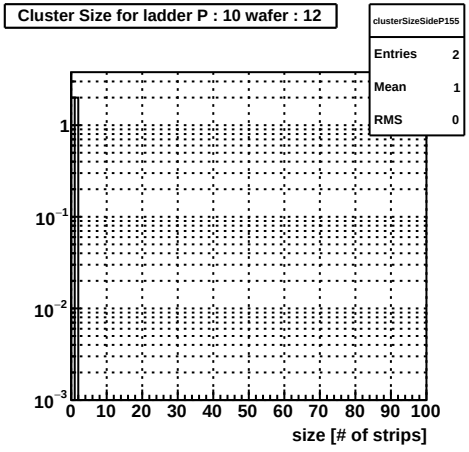

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3727
Mean 1.228
RMS 0.5021
size [# of strips]

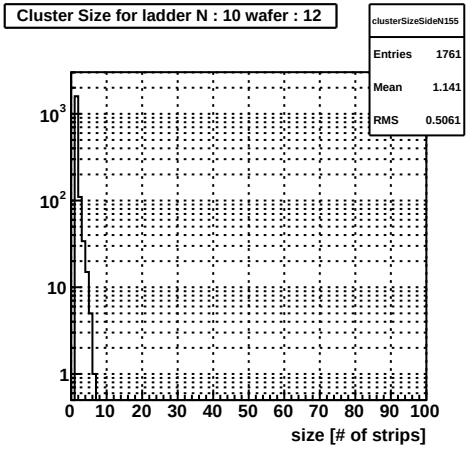

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3683
Mean 1.098
RMS 0.3664
size [# of strips]

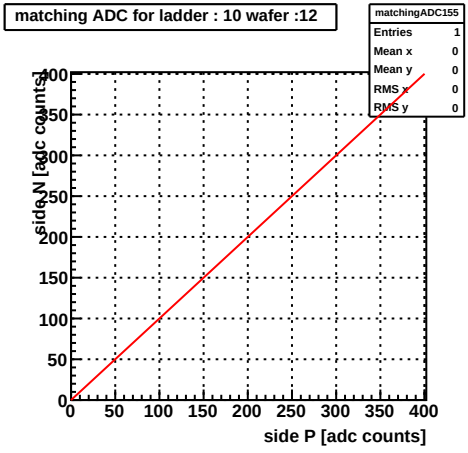

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 552
Mean x 46.74
Mean y 39
RMS x 44.65
RMS y 47.35
side N [adc counts]
side P [adc counts]

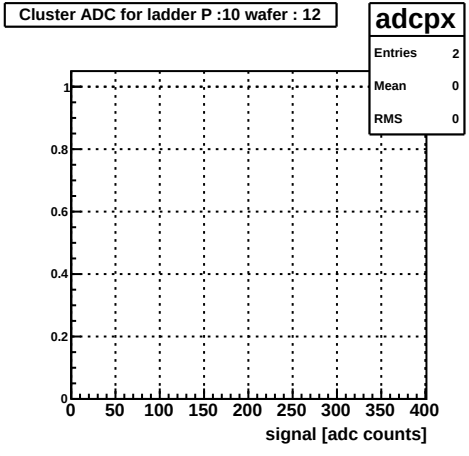

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3727
Mean 37.36
RMS 34.85
signal [adc counts]

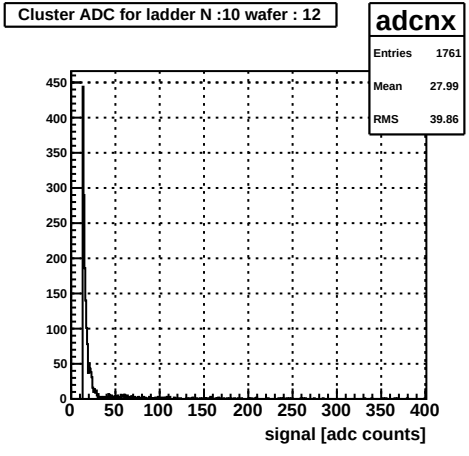

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3683
Mean 22.66
RMS 24.13
signal [adc counts]

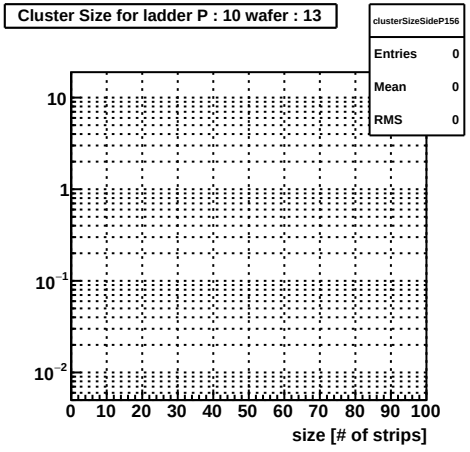

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

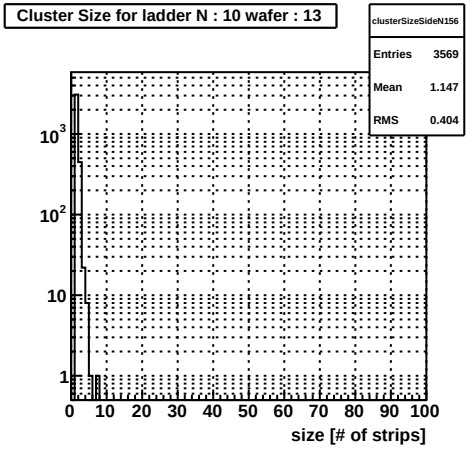

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1761
Mean 1.141
RMS 0.5061
size [# of strips]

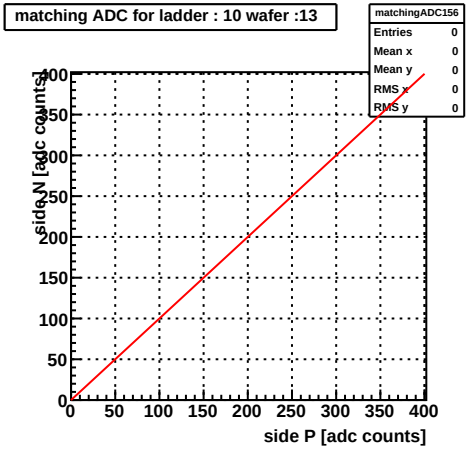

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

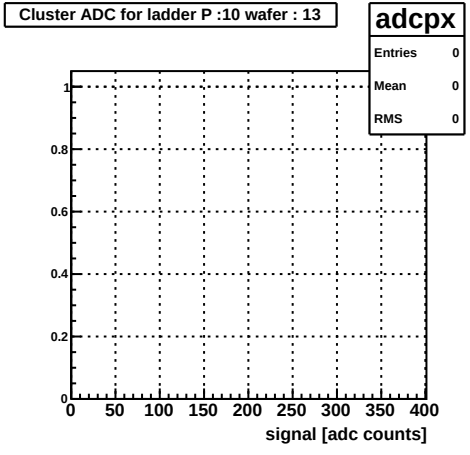

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

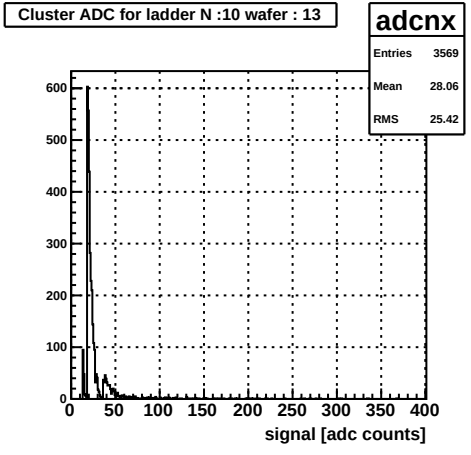

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1761
Mean 27.99
RMS 39.86
signal [adc counts]

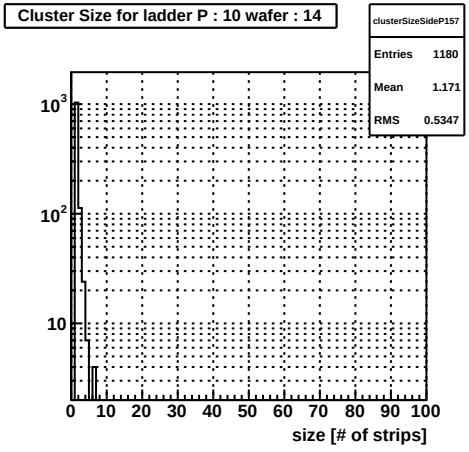

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

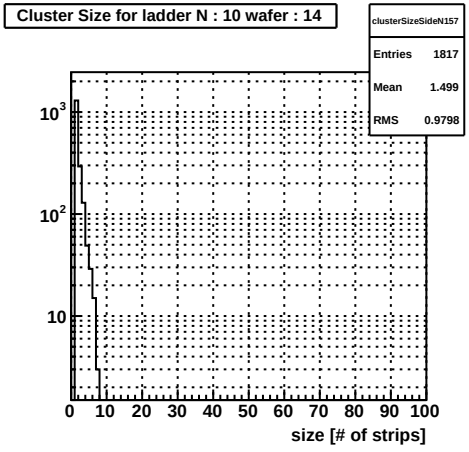

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 3569
Mean 1.147
RMS 0.404
size [# of strips]

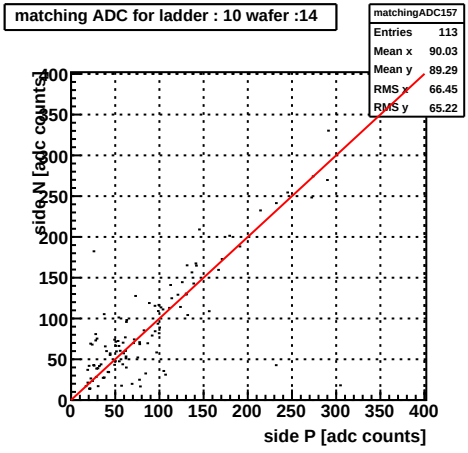

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

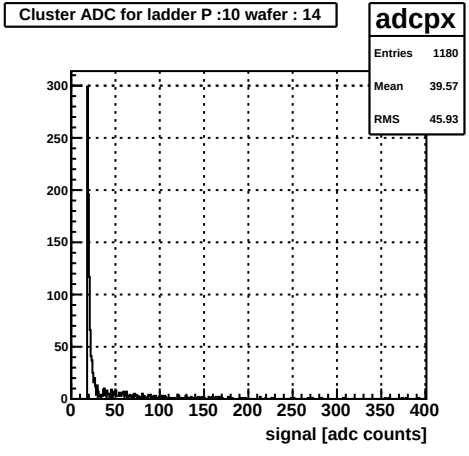

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

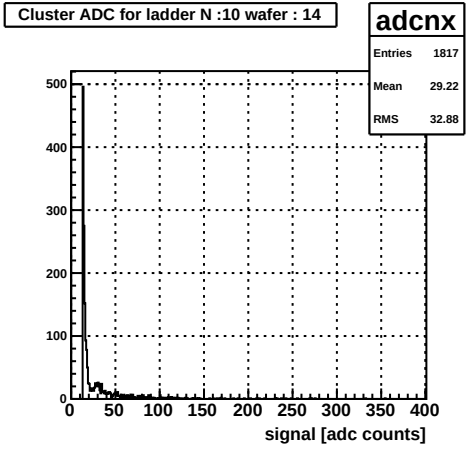

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 3569
Mean 28.06
RMS 25.42
signal [adc counts]

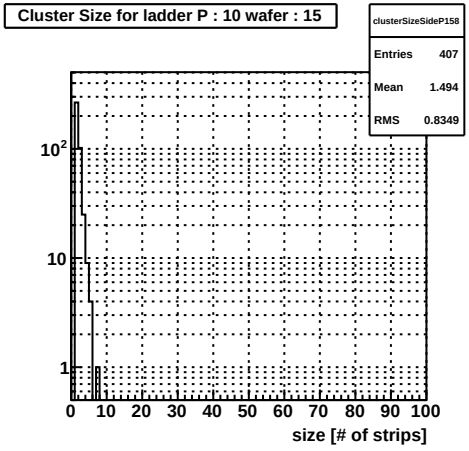

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1180
Mean 1.171
RMS 0.5347
size [# of strips]

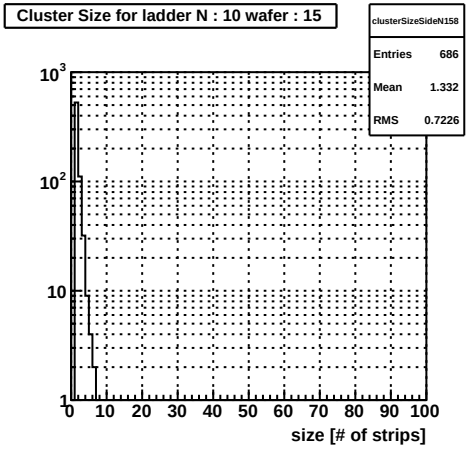

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1817
Mean 1.499
RMS 0.9798
size [# of strips]

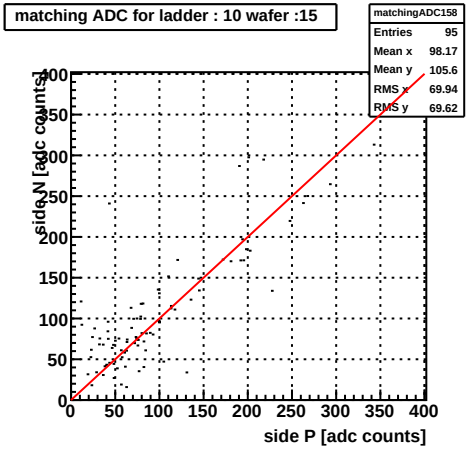

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 113
Mean x 90.03
Mean y 89.29
RMS x 66.45
RMS y 65.22
side N [adc counts]
side P [adc counts]

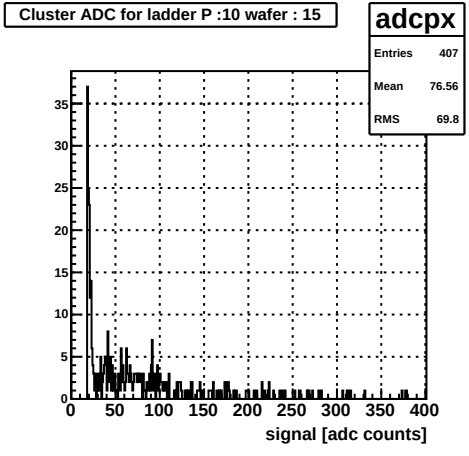

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1180
Mean 39.57
RMS 45.93
signal [adc counts]

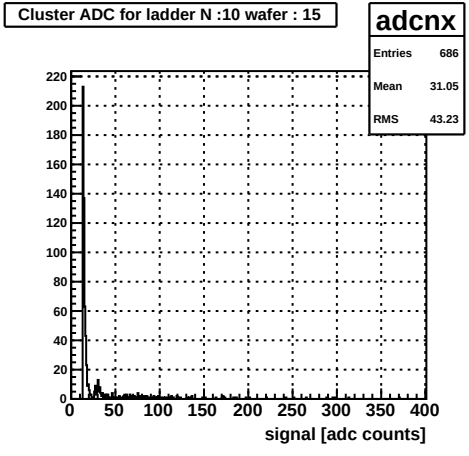

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1817
Mean 29.22
RMS 32.88
signal [adc counts]

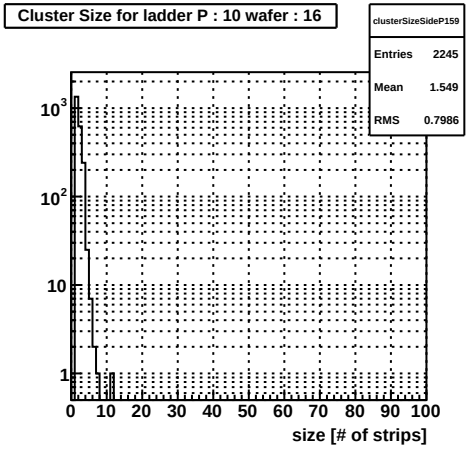

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 407
Mean 1.494
RMS 0.8349
size [# of strips]

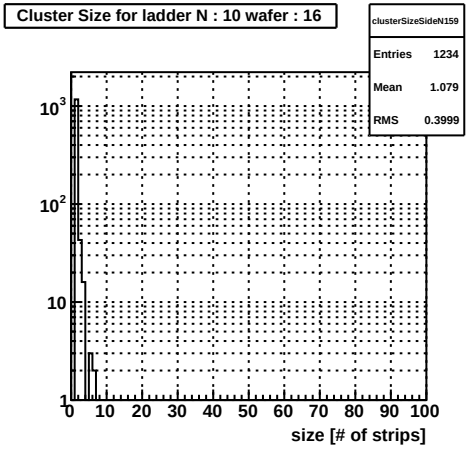

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 686
Mean 1.332
RMS 0.7226
size [# of strips]

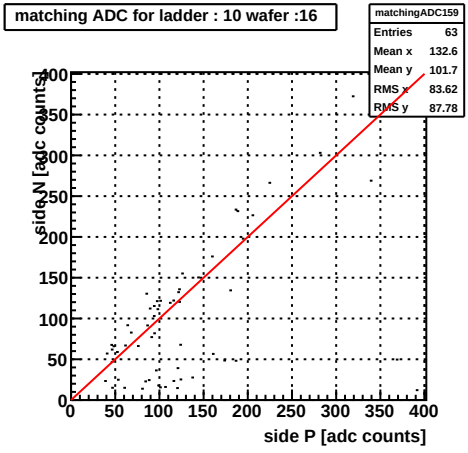

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 95
Mean x 98.17
Mean y 105.6
RMS x 69.94
RMS y 69.62
side N [adc counts]
side P [adc counts]

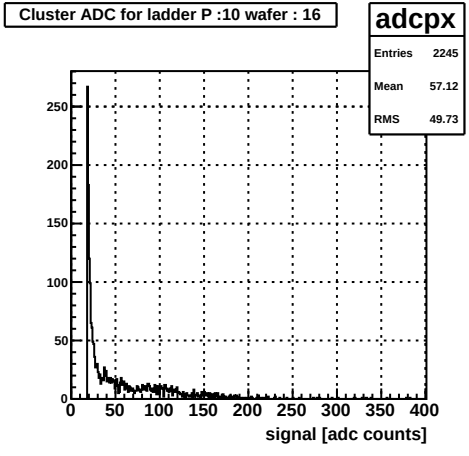

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 407
Mean 76.56
RMS 69.8
signal [adc counts]

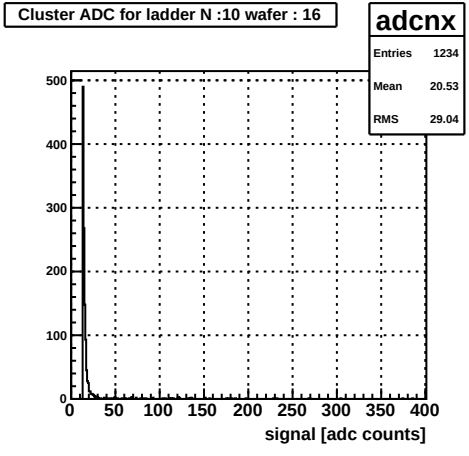

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 686
Mean 31.05
RMS 43.23
signal [adc counts]

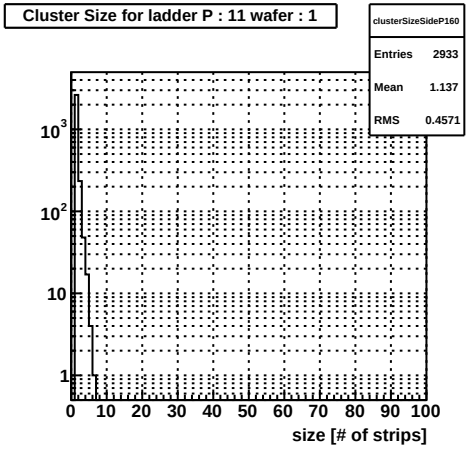

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2245
Mean 1.549
RMS 0.7986
size [# of strips]

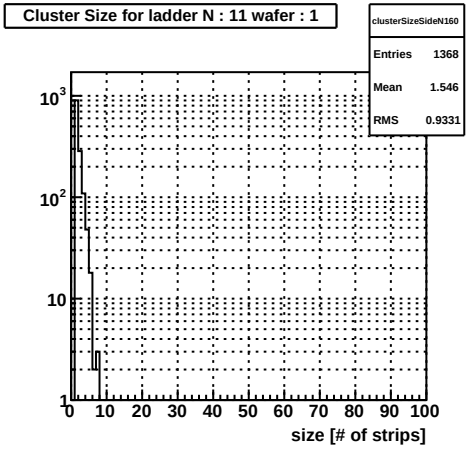

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1234
Mean 1.079
RMS 0.3999
size [# of strips]

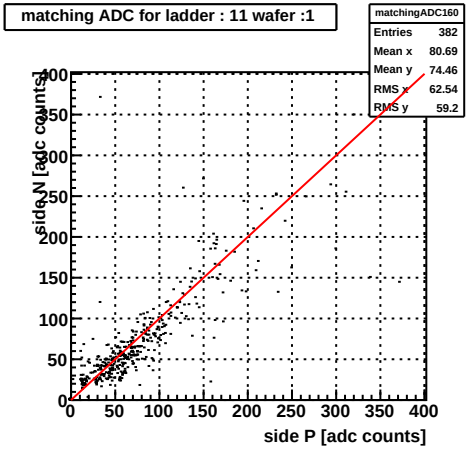

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 63
Mean x 132.6
Mean y 101.7
RMS x 83.62
RMS y 87.78
side N [adc counts]
side P [adc counts]

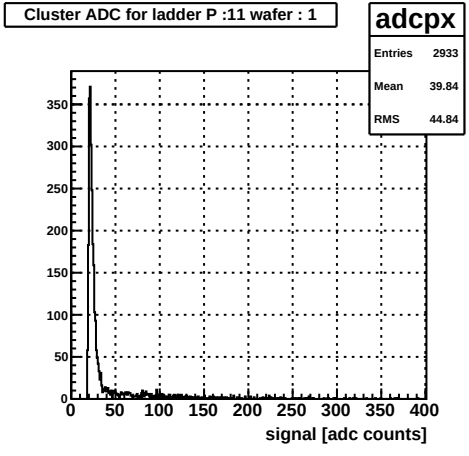

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2245
Mean 57.12
RMS 49.73
signal [adc counts]

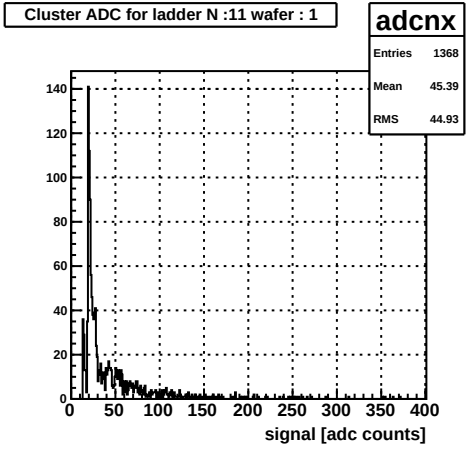

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1234
Mean 20.53
RMS 29.04
signal [adc counts]

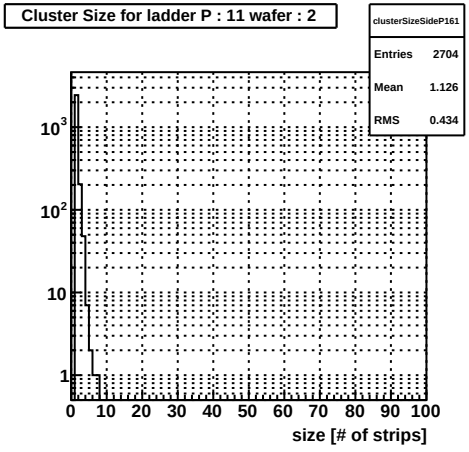

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2933
Mean 1.137
RMS 0.4571
size [# of strips]

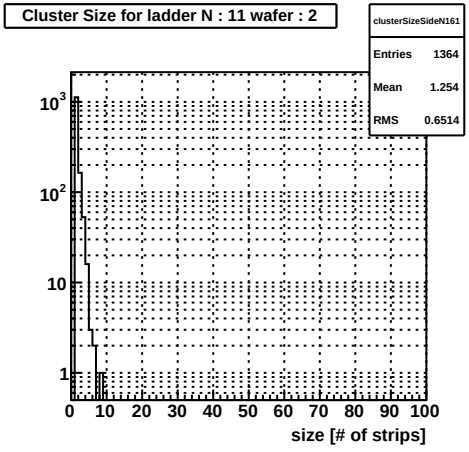

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1368
Mean 1.546
RMS 0.9331
size [# of strips]

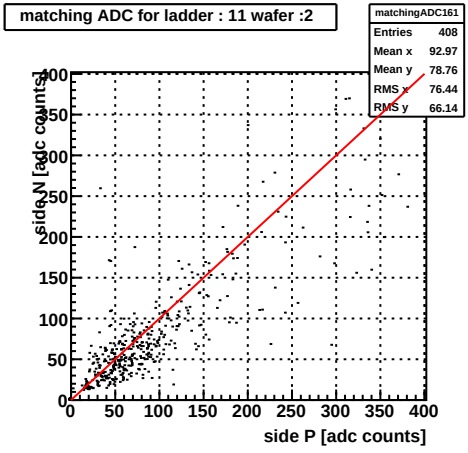

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 382
Mean x 80.69
Mean y 74.46
RMS x 62.54
RMS y 59.2
side N [adc counts]
side P [adc counts]

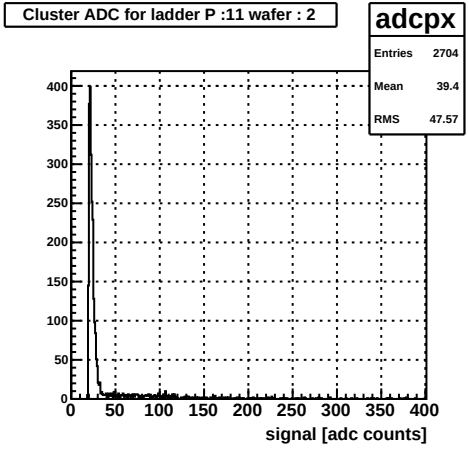

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2933
Mean 39.84
RMS 44.84
signal [adc counts]

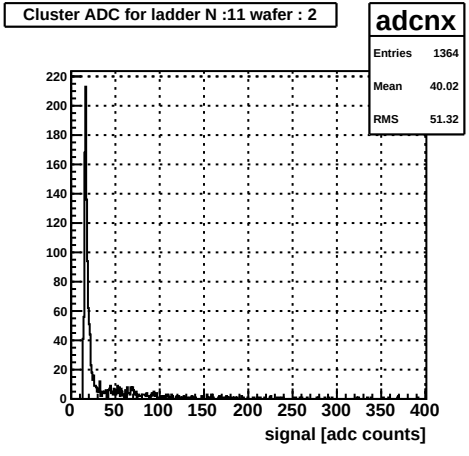

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1368
Mean 45.39
RMS 44.93
signal [adc counts]

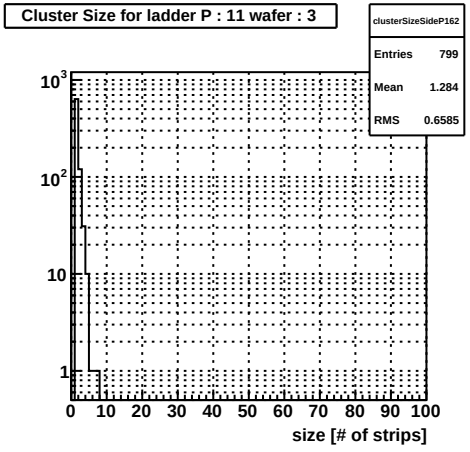

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2704
Mean 1.126
RMS 0.434
size [# of strips]

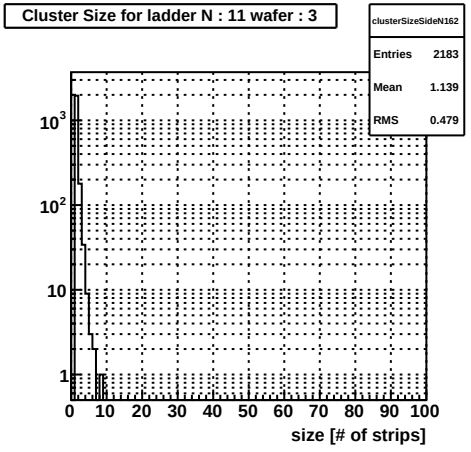

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1364
Mean 1.254
RMS 0.6514
size [# of strips]

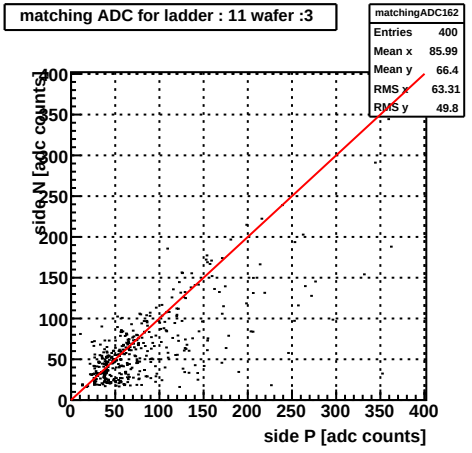

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 408
Mean x 92.97
Mean y 78.76
RMS x 76.44
RMS y 66.14
side N [adc counts]
side P [adc counts]

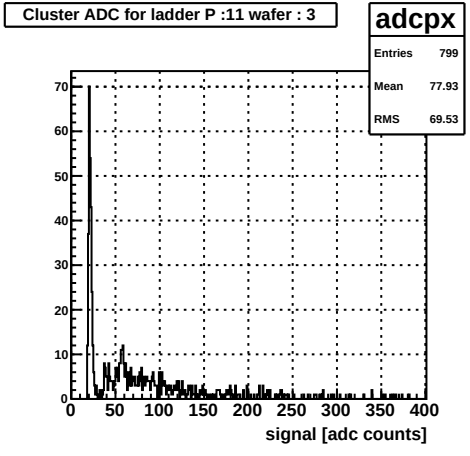

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2704
Mean 39.4
RMS 47.57
signal [adc counts]

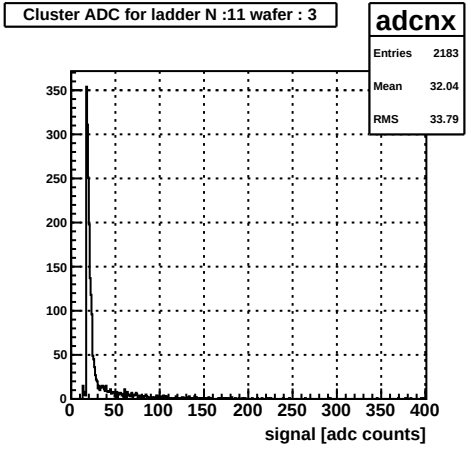

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1364
Mean 40.02
RMS 51.32
signal [adc counts]

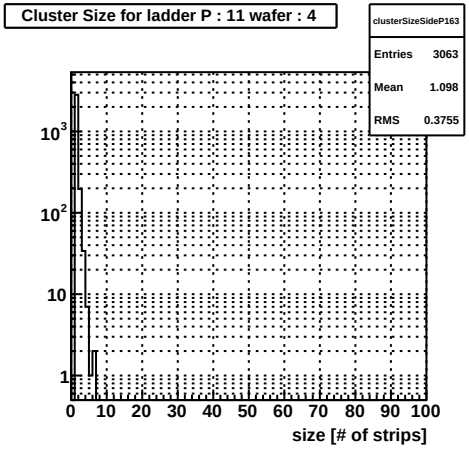

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 799
Mean 1.284
RMS 0.6585
size [# of strips]

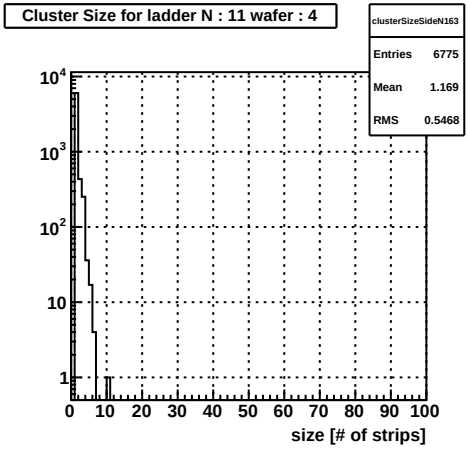

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2183
Mean 1.139
RMS 0.479
size [# of strips]

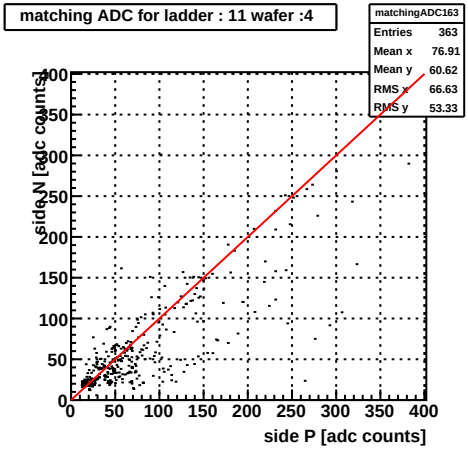

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 400
Mean x 85.99
Mean y 66.4
RMS x 63.31
RMS y 49.8
side N [adc counts]
side P [adc counts]

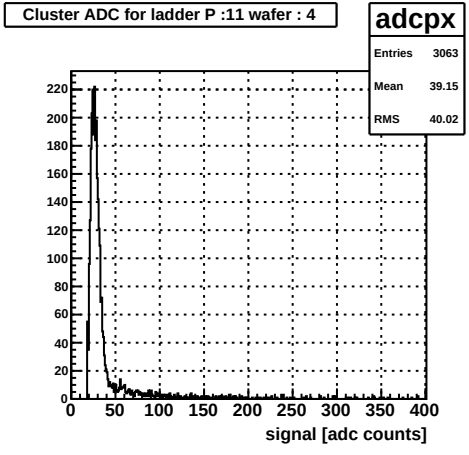

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 799
Mean 77.93
RMS 69.53
signal [adc counts]

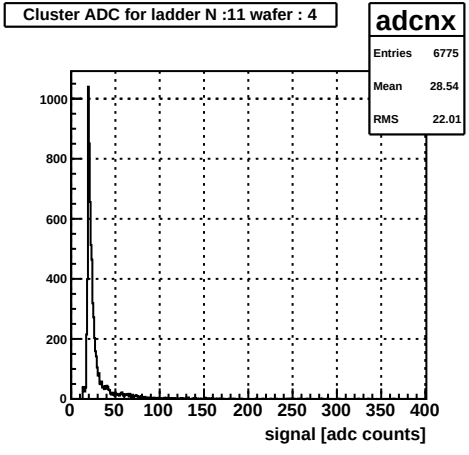

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2183
Mean 32.04
RMS 33.79
signal [adc counts]

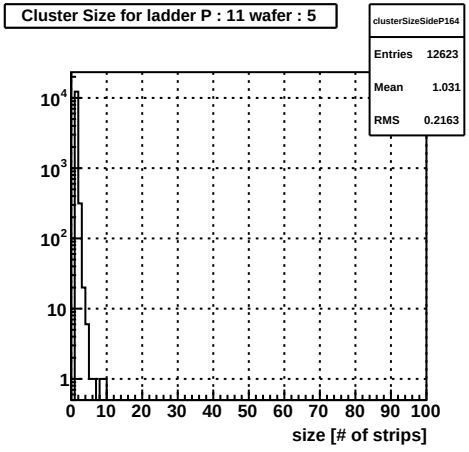

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3063
Mean 1.098
RMS 0.3755
size [# of strips]

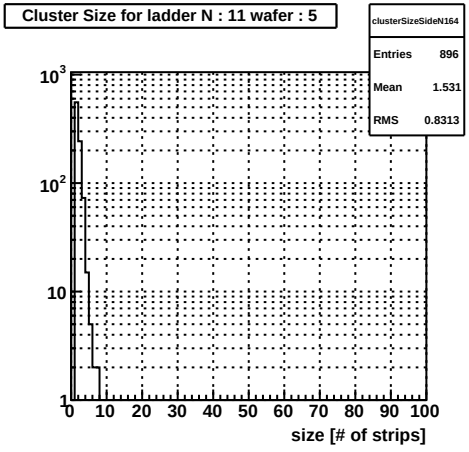

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 6775
Mean 1.169
RMS 0.5468
size [# of strips]

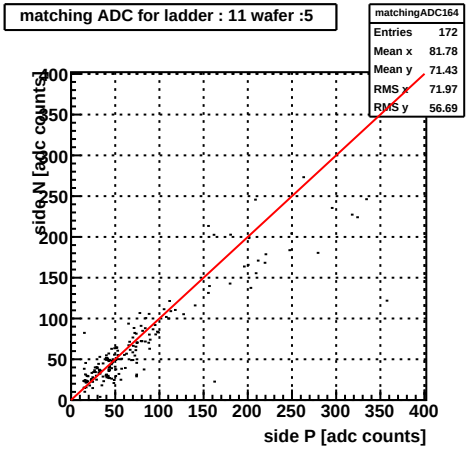

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 363
Mean x 76.91
Mean y 60.62
RMS x 66.63
RMS y 53.33
side N [adc counts]
side P [adc counts]

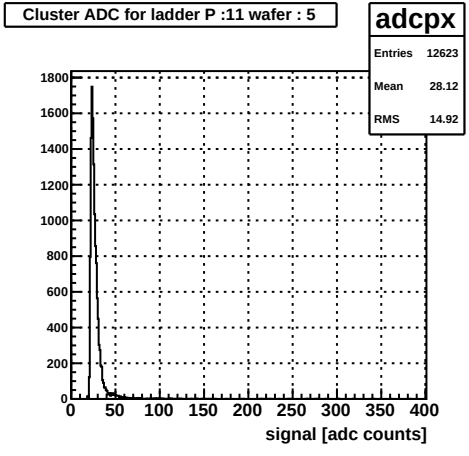

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3063
Mean 39.15
RMS 40.02
signal [adc counts]

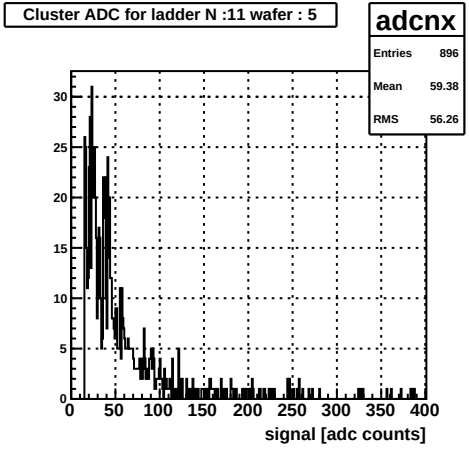

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 6775
Mean 28.54
RMS 22.01
signal [adc counts]

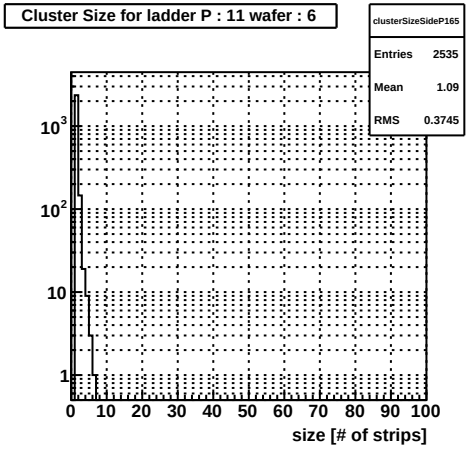

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12623
Mean 1.031
RMS 0.2163
size [# of strips]

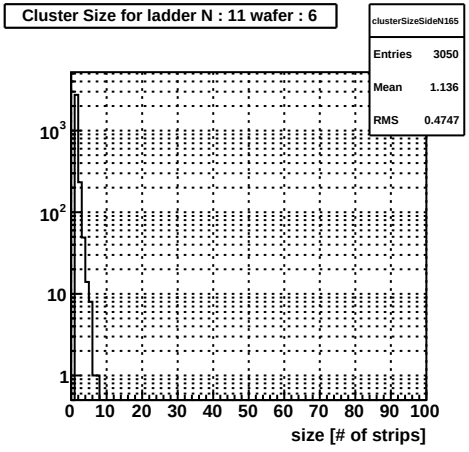

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 896
Mean 1.531
RMS 0.8313
size [# of strips]

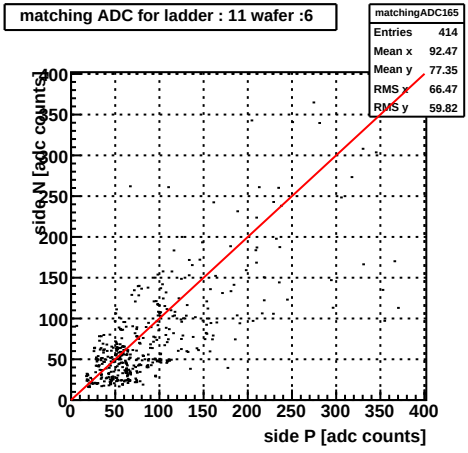

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 172
Mean x 81.78
Mean y 71.43
RMS x 71.97
RMS y 56.69
side N [adc counts]
side P [adc counts]

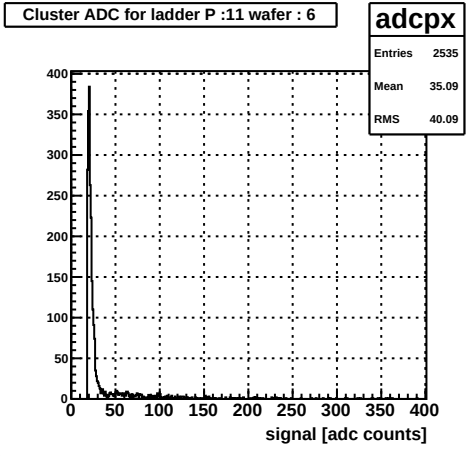

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12623
Mean 28.12
RMS 14.92
signal [adc counts]

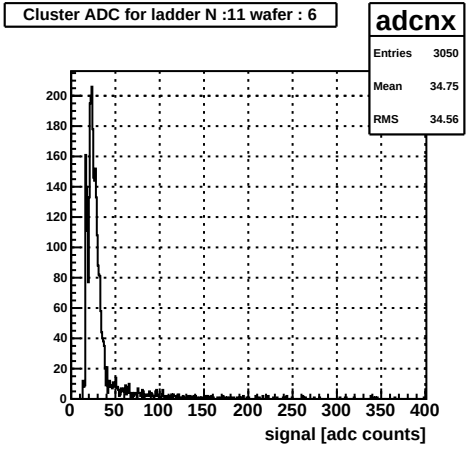

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 896
Mean 59.38
RMS 56.26
signal [adc counts]

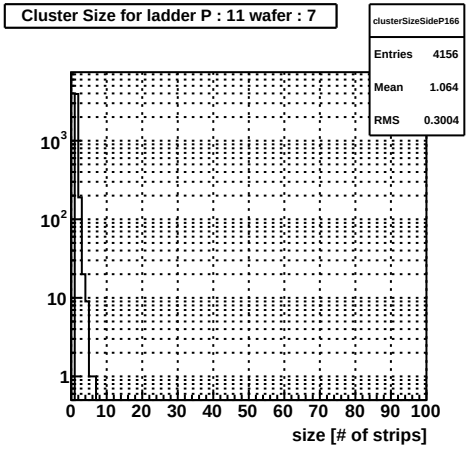

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2535
Mean 1.09
RMS 0.3745
size [# of strips]

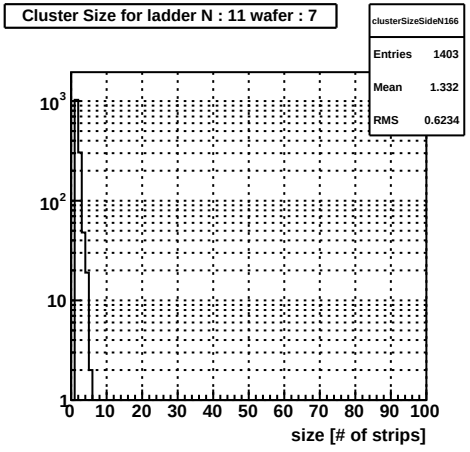

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 3050
Mean 1.136
RMS 0.4747
size [# of strips]

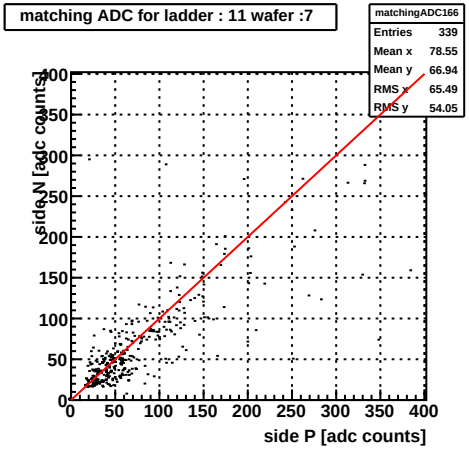

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 414
Mean x 92.47
Mean y 77.35
RMS x 66.47
RMS y 59.82
side N [adc counts]
side P [adc counts]

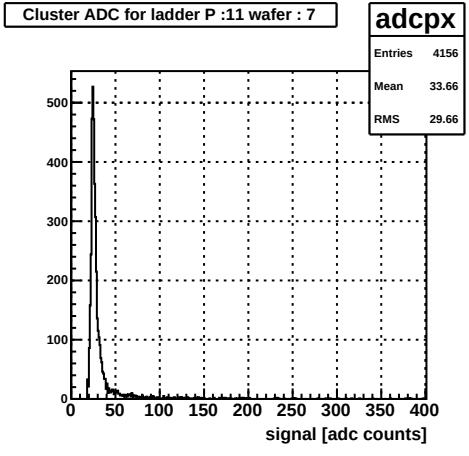

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2535
Mean 35.09
RMS 40.09
signal [adc counts]

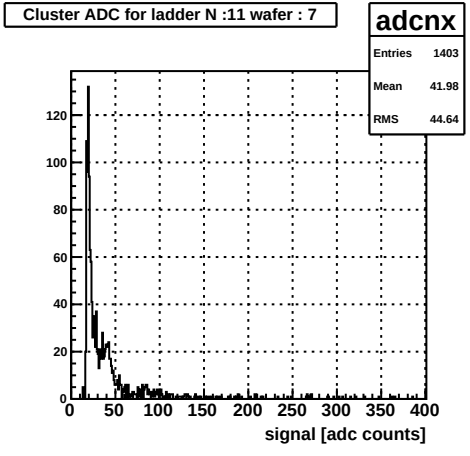

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 3050
Mean 34.75
RMS 34.56
signal [adc counts]

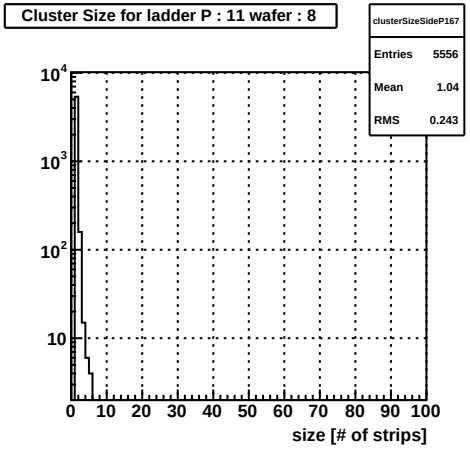

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4156
Mean 1.064
RMS 0.3004
size [# of strips]

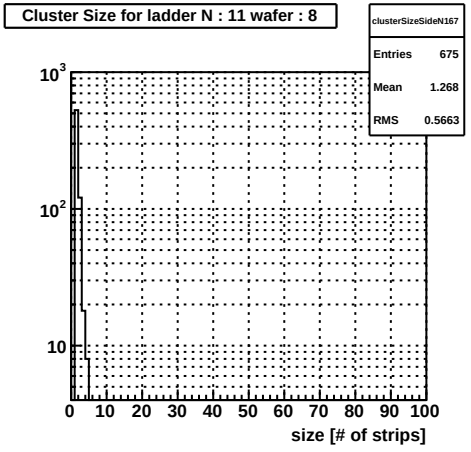

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 1403
Mean 1.332
RMS 0.6234
size [# of strips]

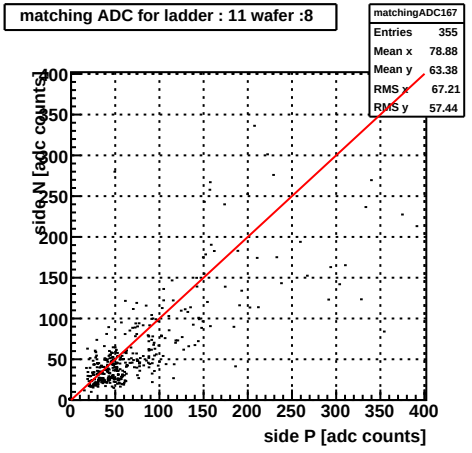

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 339
Mean x 78.55
Mean y 66.94
RMS x 65.49
RMS y 54.05
side N [adc counts]
side P [adc counts]

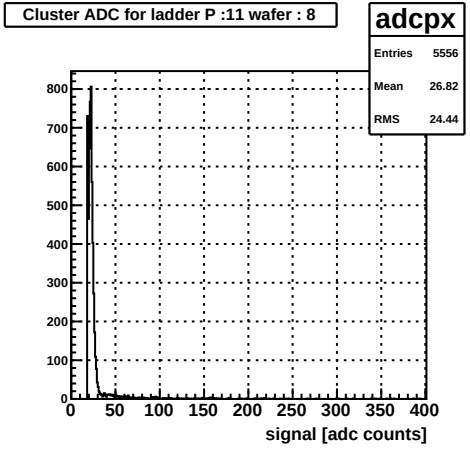

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4156
Mean 33.66
RMS 29.66
signal [adc counts]

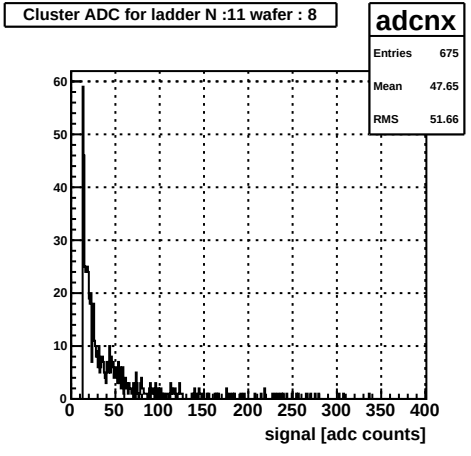

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 1403
Mean 41.98
RMS 44.64
signal [adc counts]

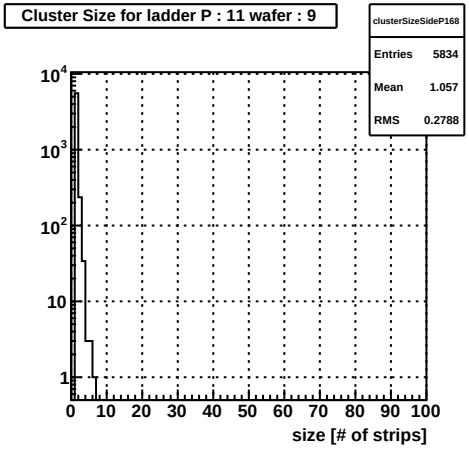

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 5556
Mean 1.04
RMS 0.243
size [# of strips]

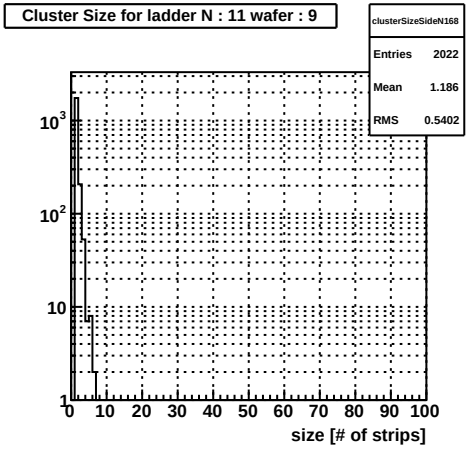

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 675
Mean 1.268
RMS 0.5663
size [# of strips]

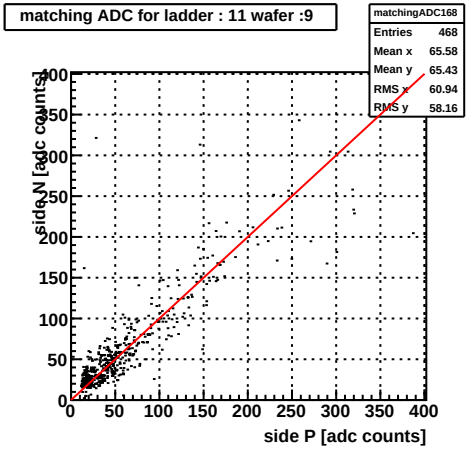

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 355
Mean x 78.88
Mean y 63.38
RMS x 67.21
RMS y 57.44
side N [adc counts]
side P [adc counts]

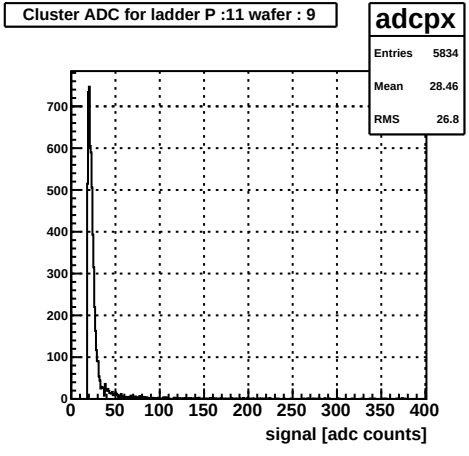

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 5556
Mean 26.82
RMS 24.44
signal [adc counts]

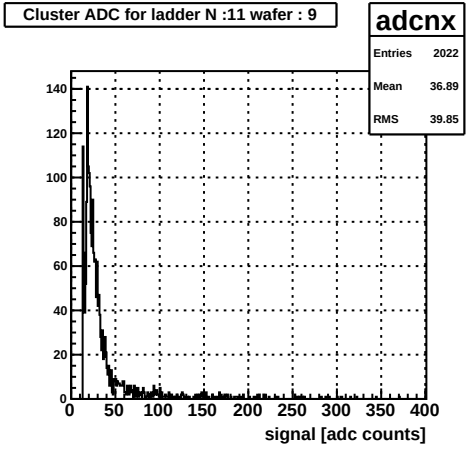

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 675
Mean 47.65
RMS 51.66
signal [adc counts]

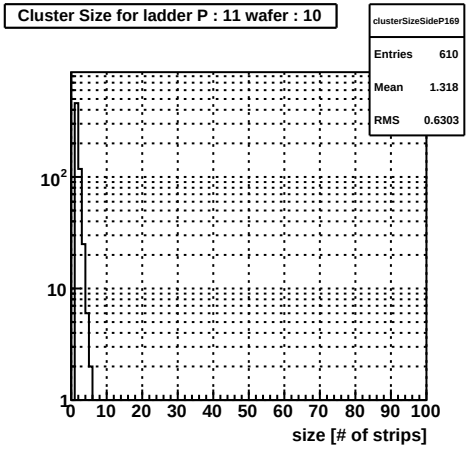

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5834
Mean 1.057
RMS 0.2788
size [# of strips]

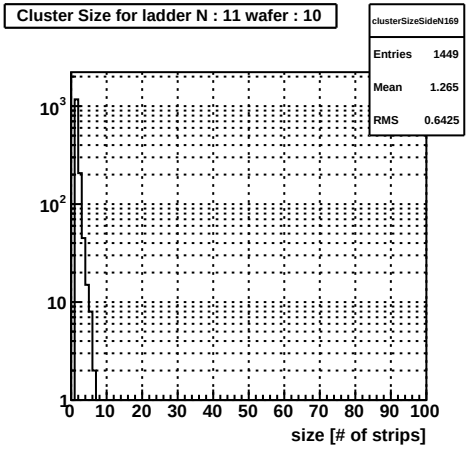

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2022
Mean 1.186
RMS 0.5402
size [# of strips]

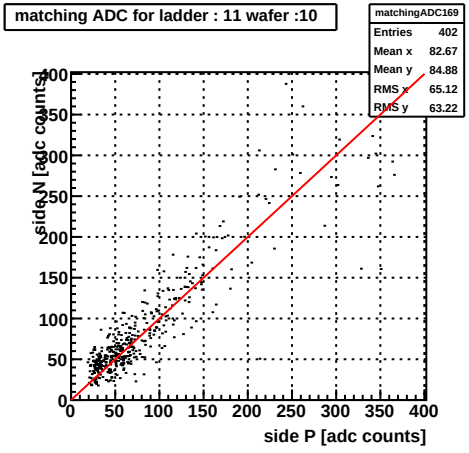

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 468
Mean x 65.58
Mean y 65.43
RMS x 60.94
RMS y 58.16
side N [adc counts]
side P [adc counts]

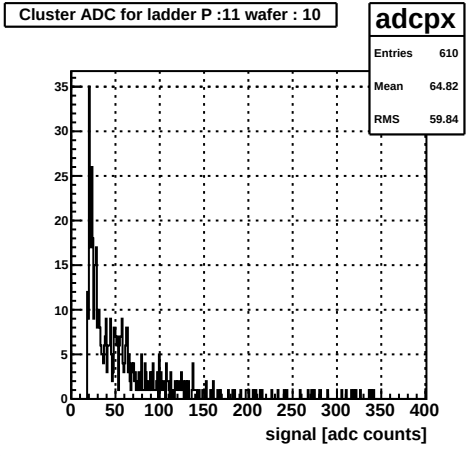

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5834
Mean 28.46
RMS 26.8
signal [adc counts]

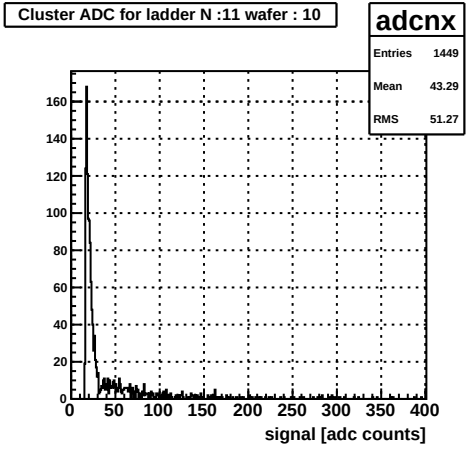

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2022
Mean 36.89
RMS 39.85
signal [adc counts]

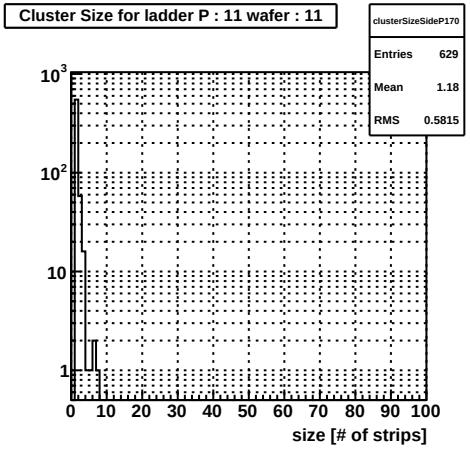

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 610
Mean 1.318
RMS 0.6303
size [# of strips]

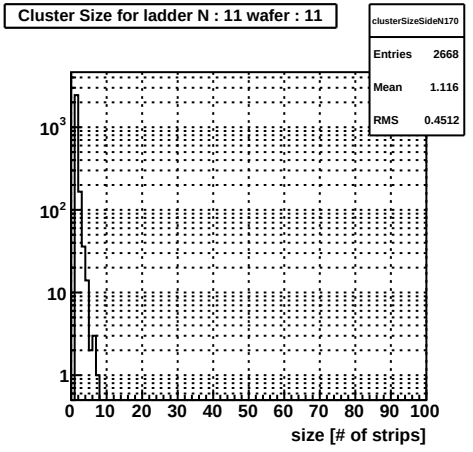

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1449
Mean 1.265
RMS 0.6425
size [# of strips]

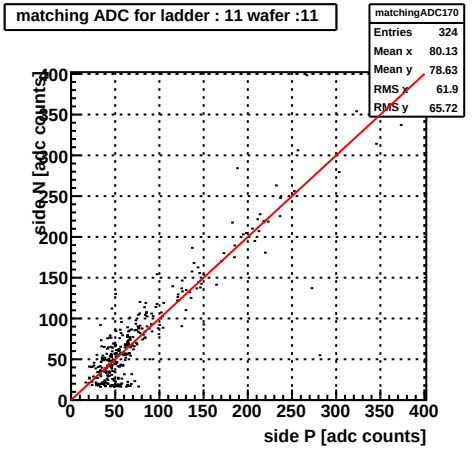

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 402
Mean x 82.67
Mean y 84.88
RMS x 65.12
RMS y 63.22
side N [adc counts]
side P [adc counts]

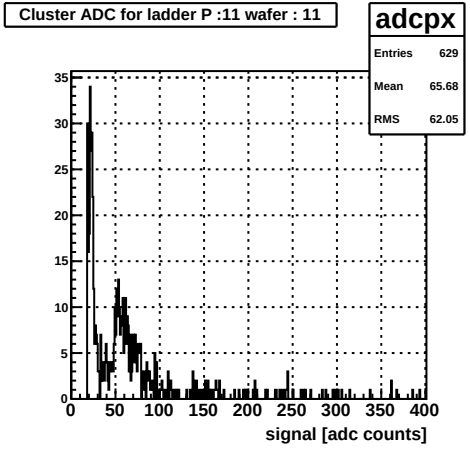

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 610
Mean 64.82
RMS 59.84
signal [adc counts]

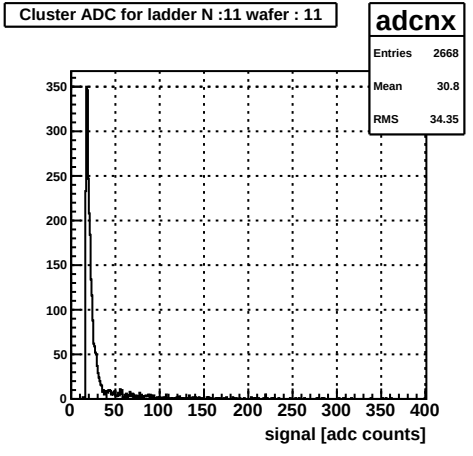

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1449
Mean 43.29
RMS 51.27
signal [adc counts]

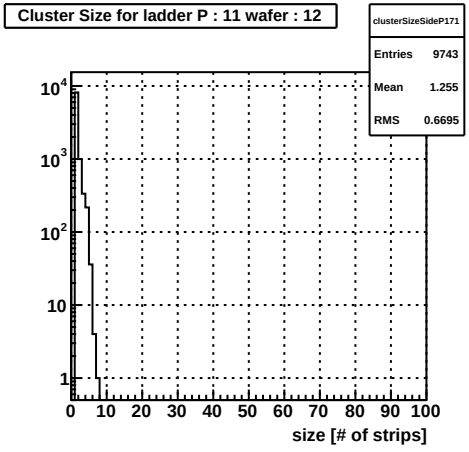

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 629
Mean 1.18
RMS 0.5815
size [# of strips]

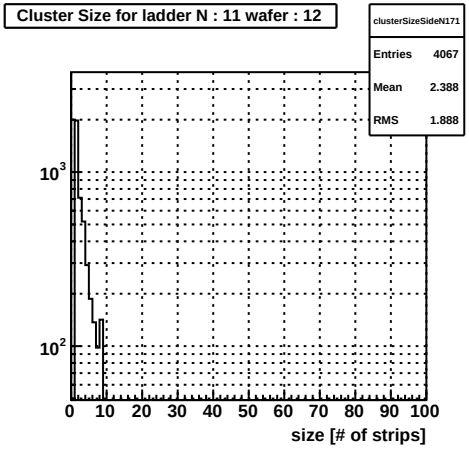

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2668
Mean 1.116
RMS 0.4512
size [# of strips]

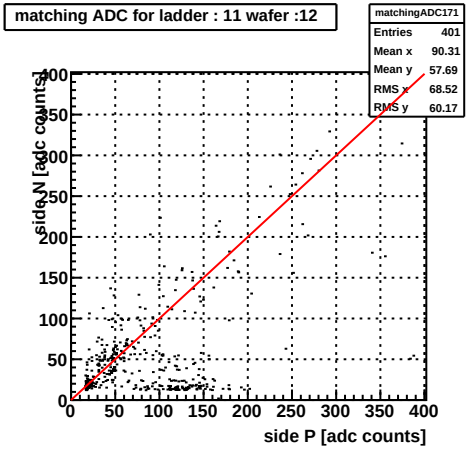

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 324
Mean x 80.13
Mean y 78.63
RMS x 61.9
RMS y 65.72
side N [adc counts]
side P [adc counts]

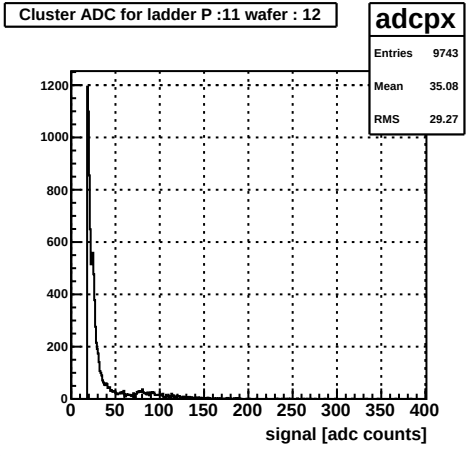

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 629
Mean 65.68
RMS 62.05
signal [adc counts]

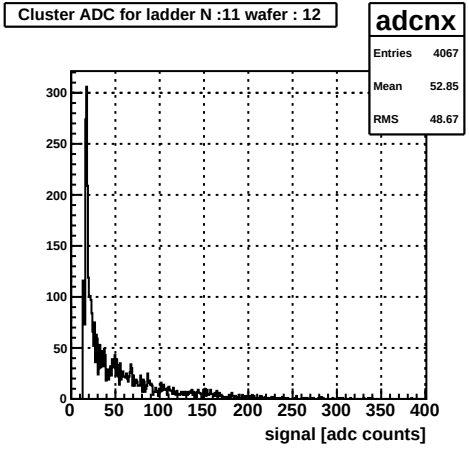

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2668
Mean 30.8
RMS 34.35
signal [adc counts]

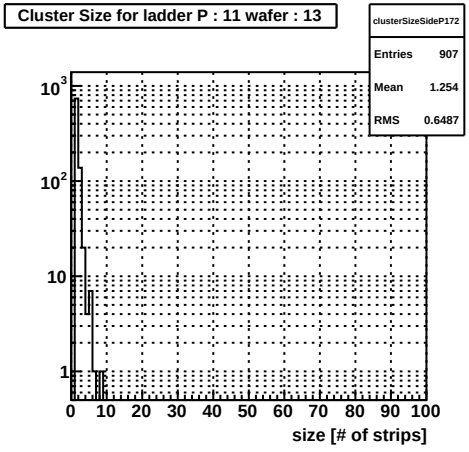

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9743
Mean 1.255
RMS 0.6695
size [# of strips]

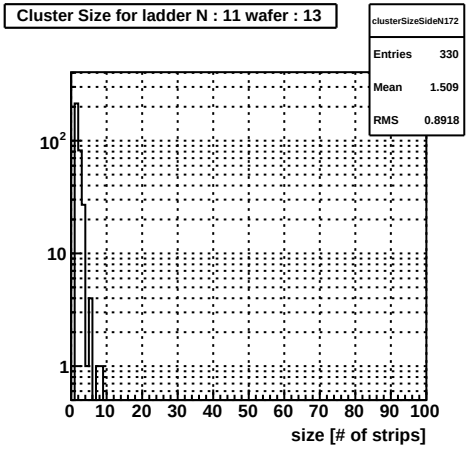

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4067
Mean 2.388
RMS 1.888
size [# of strips]

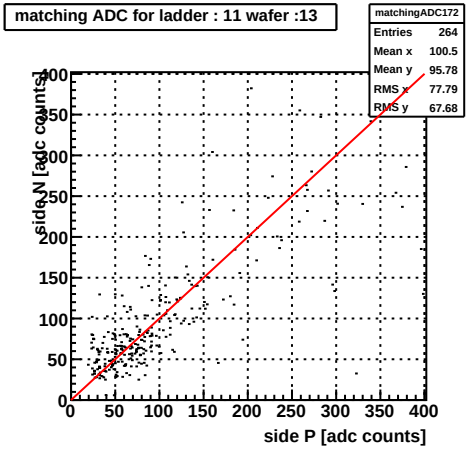

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 401
Mean x 90.31
Mean y 57.69
RMS x 68.52
RMS y 60.17
side N [adc counts]
side P [adc counts]

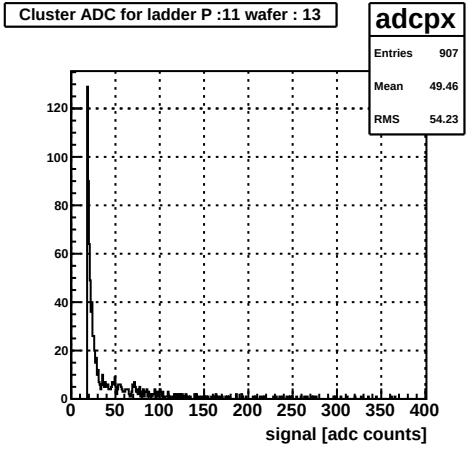

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9743
Mean 35.08
RMS 29.27
signal [adc counts]

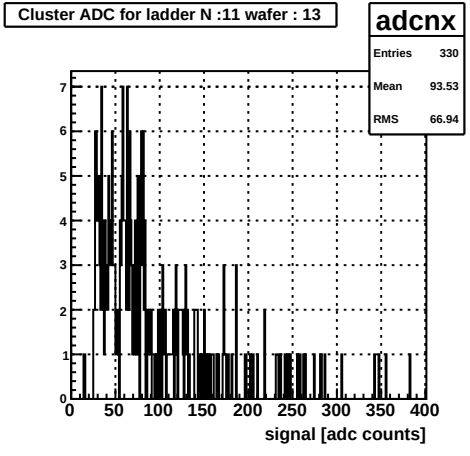

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4067
Mean 52.85
RMS 48.67
signal [adc counts]

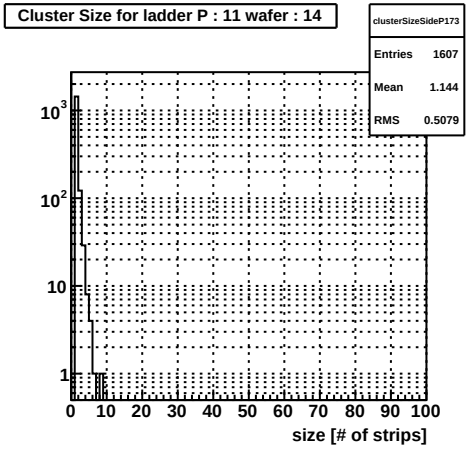

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 907
Mean 1.254
RMS 0.6487
size [# of strips]

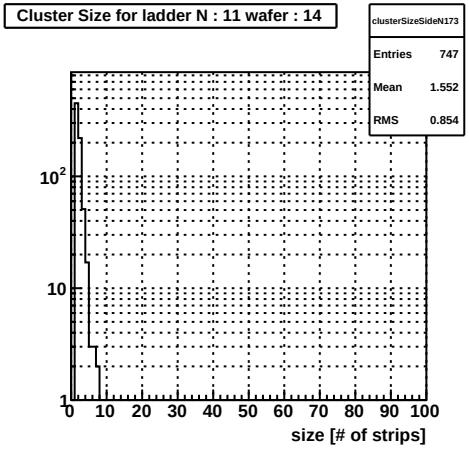

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 330
Mean 1.509
RMS 0.8918
size [# of strips]

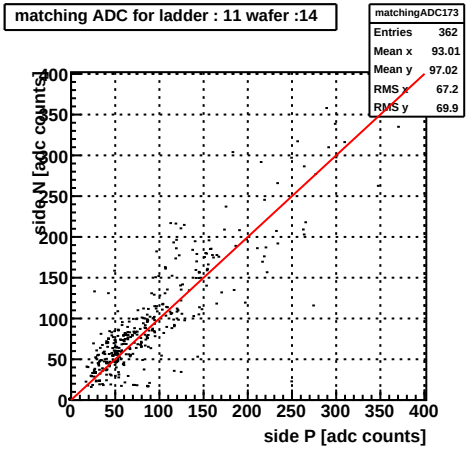

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 264
Mean x 100.5
Mean y 95.78
RMS x 77.79
RMS y 67.68
side N [adc counts]
side P [adc counts]

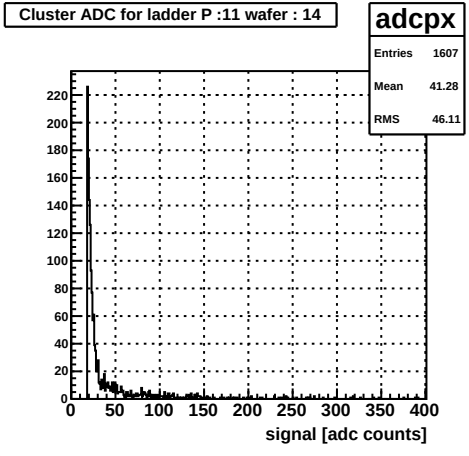

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 907
Mean 49.46
RMS 54.23
signal [adc counts]

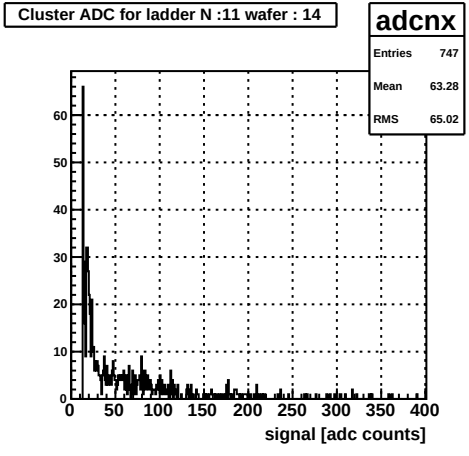

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 330
Mean 93.53
RMS 66.94
signal [adc counts]

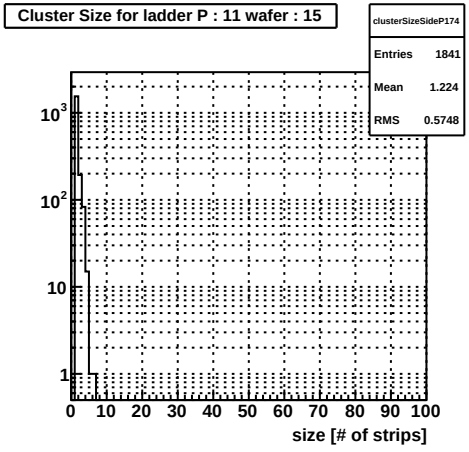

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1607
Mean 1.144
RMS 0.5079
size [# of strips]

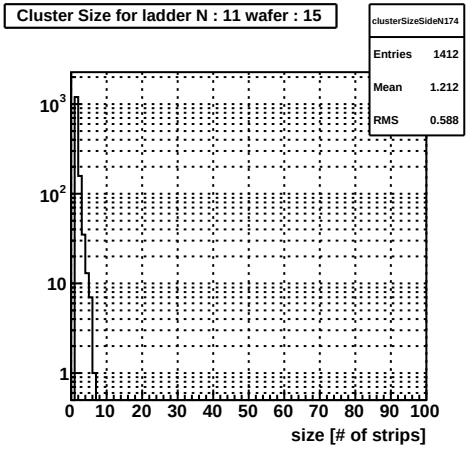

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 747
Mean 1.552
RMS 0.854
size [# of strips]

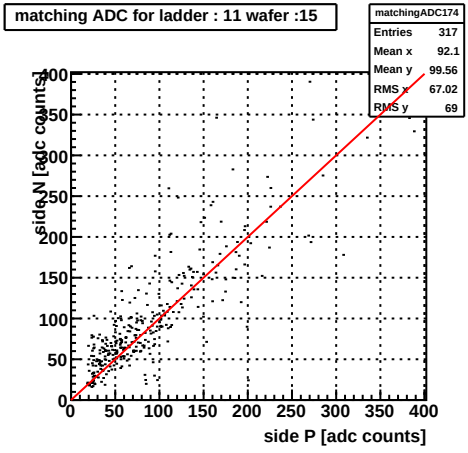

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 362
Mean x 93.01
Mean y 97.02
RMS x 67.2
RMS y 69.9
side N [adc counts]
side P [adc counts]

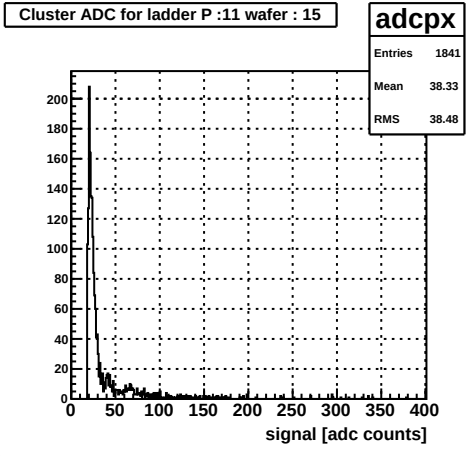

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1607
Mean 41.28
RMS 46.11
signal [adc counts]

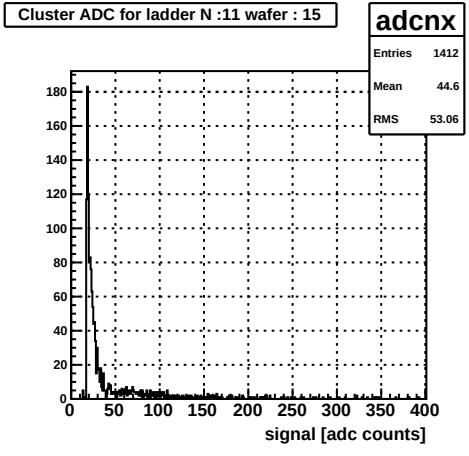

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 747
Mean 63.28
RMS 65.02
signal [adc counts]

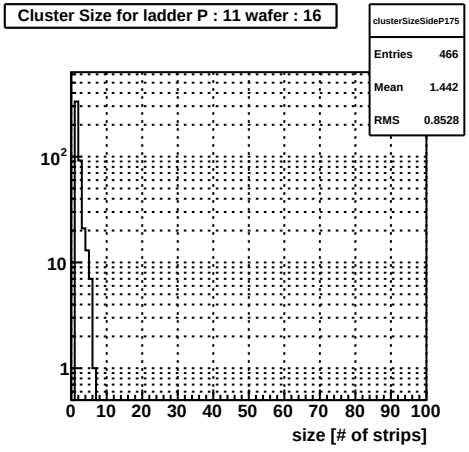

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1841
Mean 1.224
RMS 0.5748
size [# of strips]

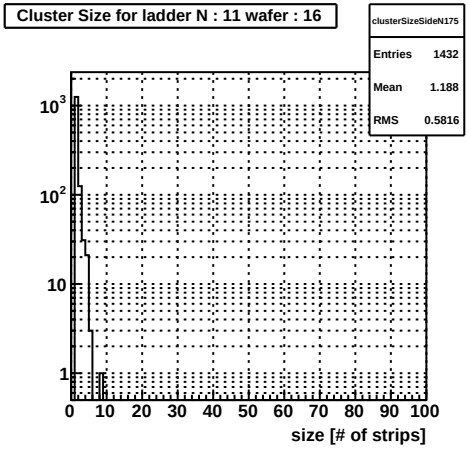

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1412
Mean 1.212
RMS 0.588
size [# of strips]

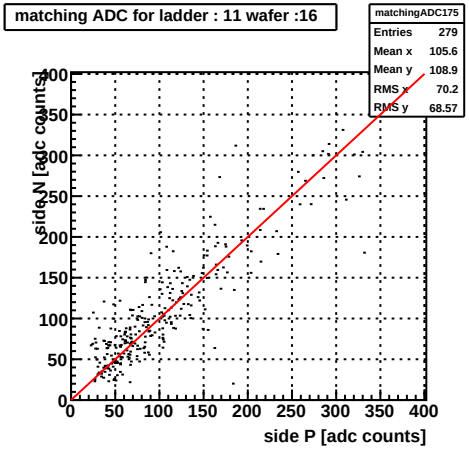

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 317
Mean x 92.1
Mean y 99.56
RMS x 67.02
RMS y 69
side N [adc counts]
side P [adc counts]

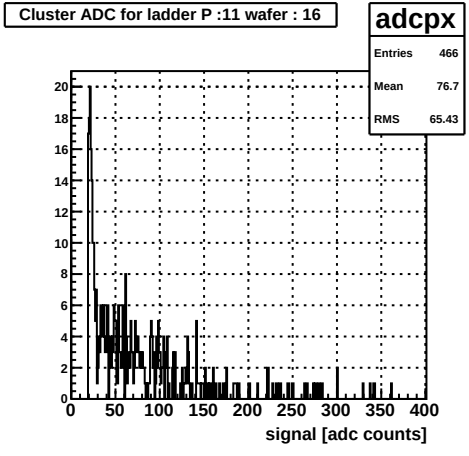

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1841
Mean 38.33
RMS 38.48
signal [adc counts]

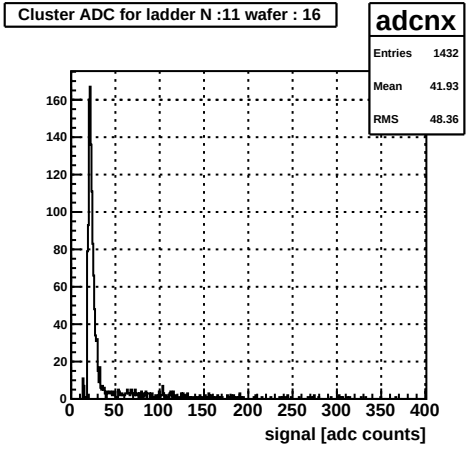

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1412
Mean 44.6
RMS 53.06
signal [adc counts]

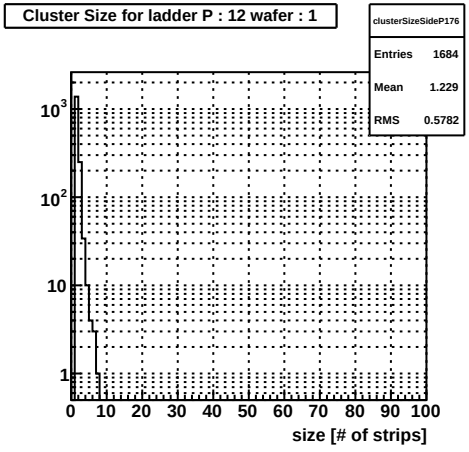

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 466
Mean 1.442
RMS 0.8528
size [# of strips]

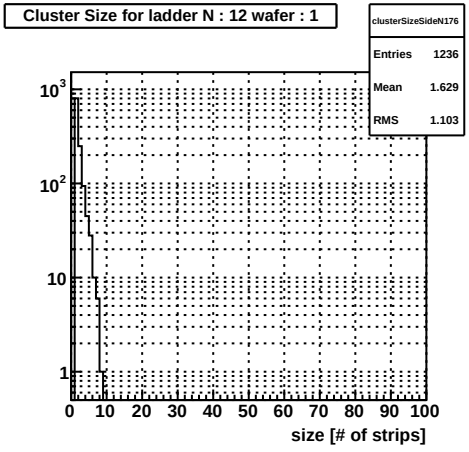

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1432
Mean 1.188
RMS 0.5816
size [# of strips]

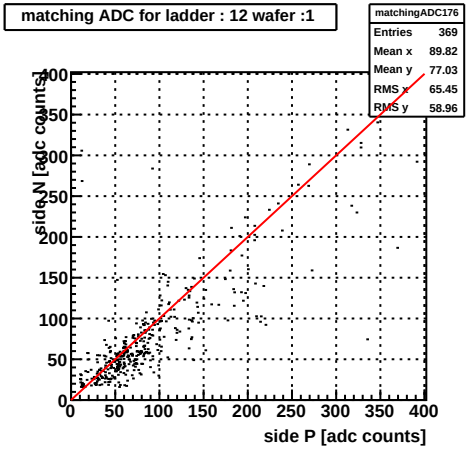

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 279
Mean x 105.6
Mean y 108.9
RMS x 70.2
RMS y 68.57
side N [adc counts]
side P [adc counts]

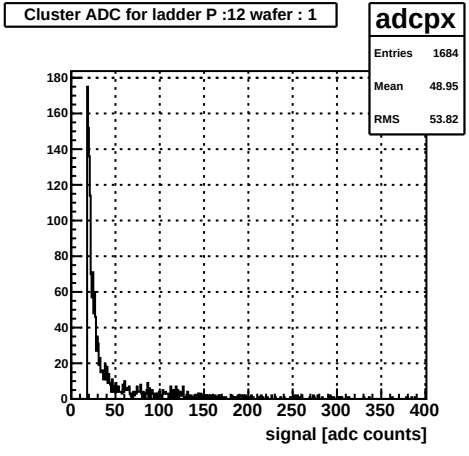

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 466
Mean 76.7
RMS 65.43
signal [adc counts]

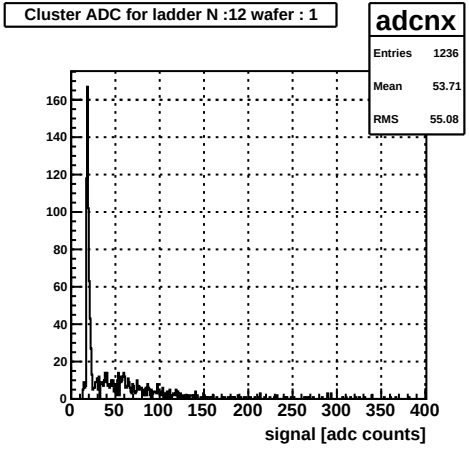

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1432
Mean 41.93
RMS 48.36
signal [adc counts]

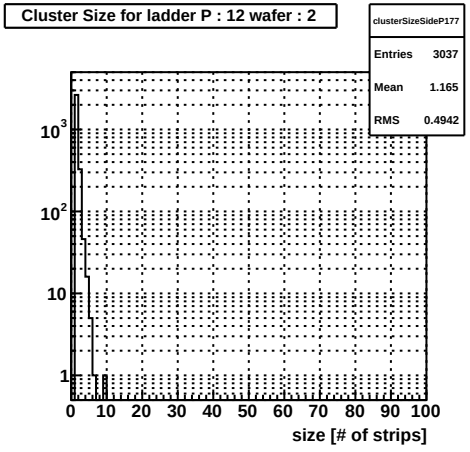

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1684
Mean 1.229
RMS 0.5782
size [# of strips]

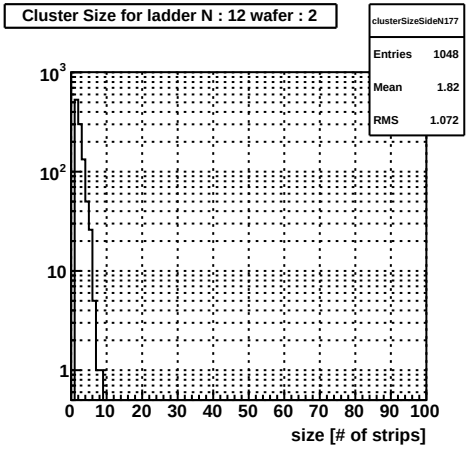

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1236
Mean 1.629
RMS 1.103
size [# of strips]

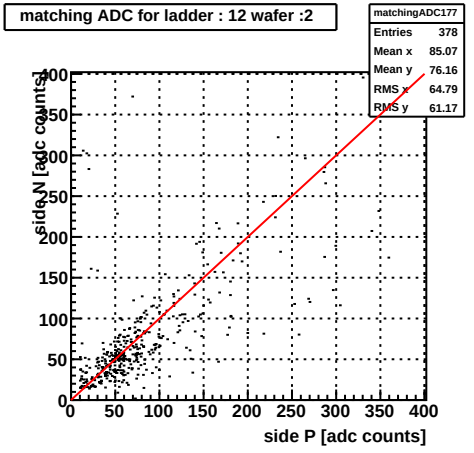

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 369
Mean x 89.82
Mean y 77.03
RMS x 65.45
RMS y 58.96
side N [adc counts]
side P [adc counts]

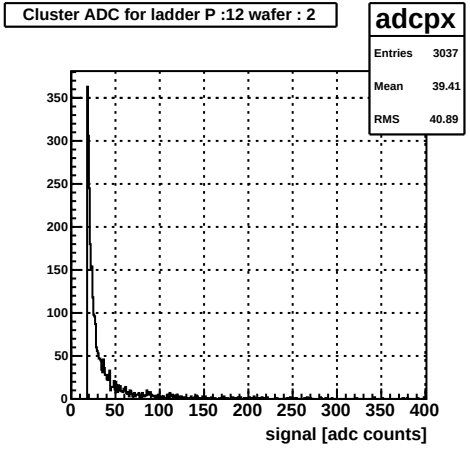

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1684
Mean 48.95
RMS 53.82
signal [adc counts]

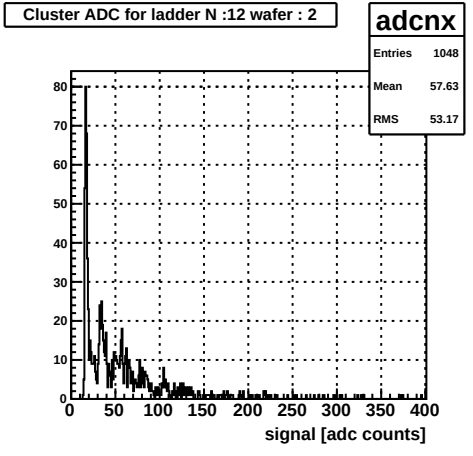

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1236
Mean 53.71
RMS 55.08
signal [adc counts]

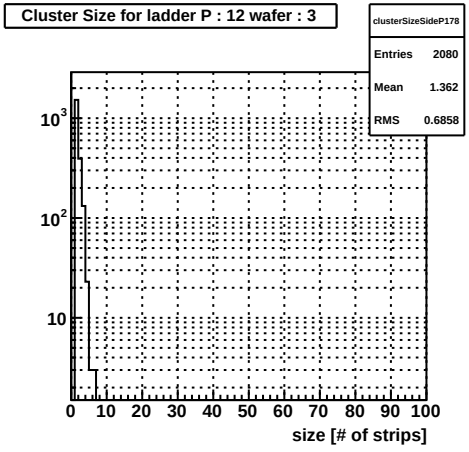

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3037
Mean 1.165
RMS 0.4942
size [# of strips]

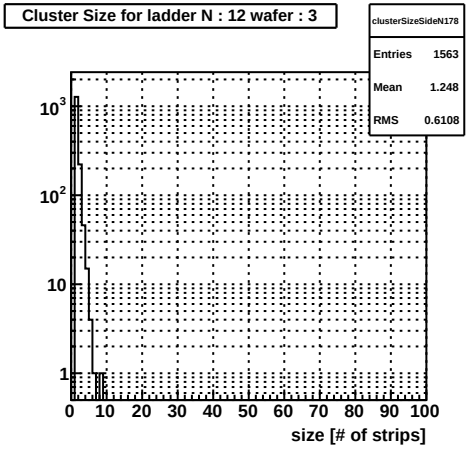

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1048
Mean 1.82
RMS 1.072
size [# of strips]

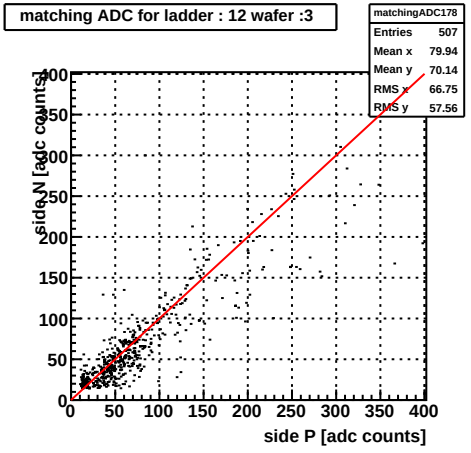

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 378
Mean x 85.07
Mean y 76.16
RMS x 64.79
RMS y 61.17
side N [adc counts]
side P [adc counts]

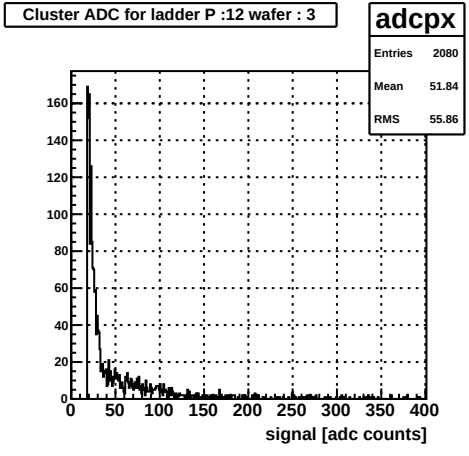

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3037
Mean 39.41
RMS 40.89
signal [adc counts]

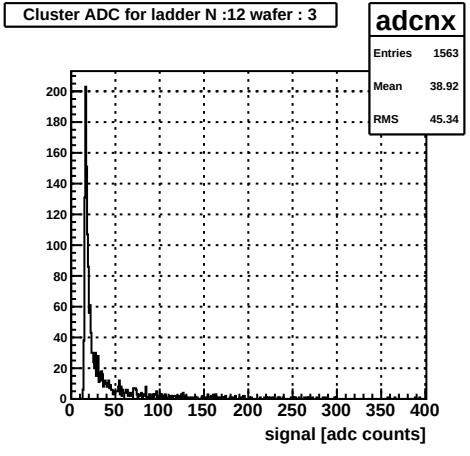

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1048
Mean 57.63
RMS 53.17
signal [adc counts]

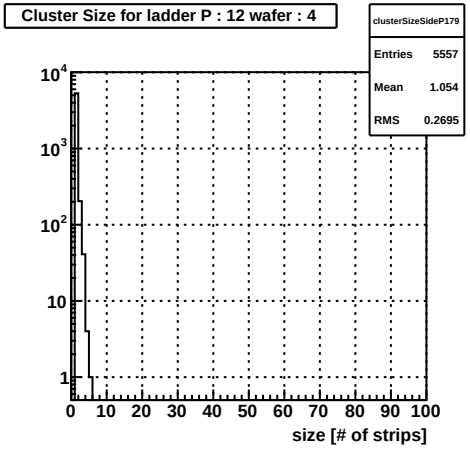

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2080
Mean 1.362
RMS 0.6858
size [# of strips]

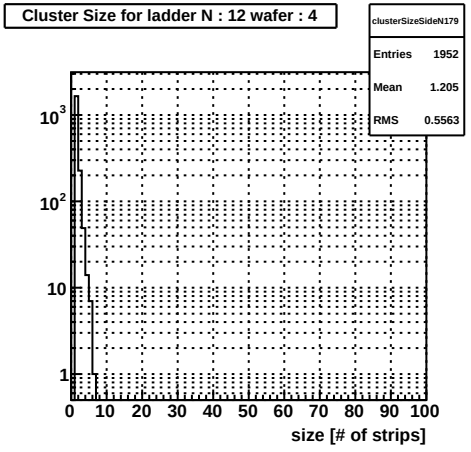

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 1563
Mean 1.248
RMS 0.6108
size [# of strips]

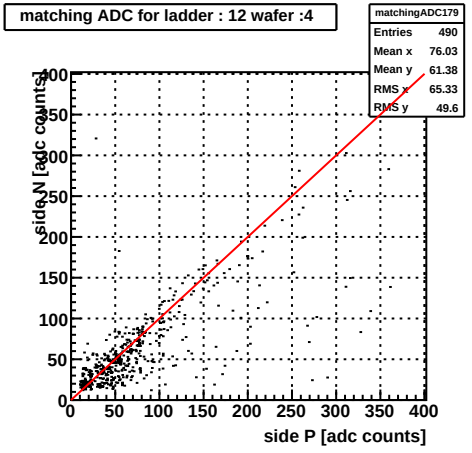

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 507
Mean x 79.94
Mean y 70.14
RMS x 66.75
RMS y 57.56
side N [adc counts]
side P [adc counts]

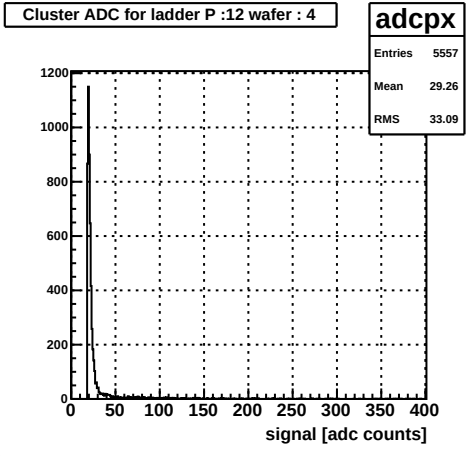

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2080
Mean 51.84
RMS 55.86
signal [adc counts]

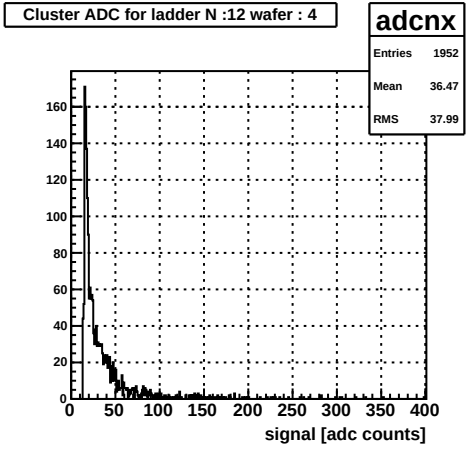

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 1563
Mean 38.92
RMS 45.34
signal [adc counts]

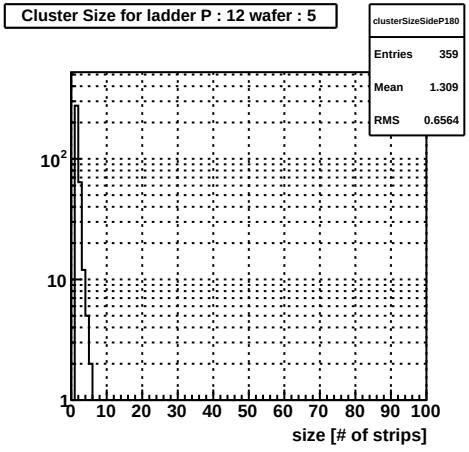

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5557
Mean 1.054
RMS 0.2695
size [# of strips]

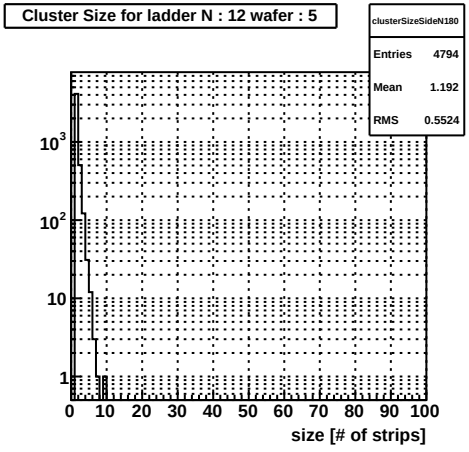

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1952
Mean 1.205
RMS 0.5563
size [# of strips]

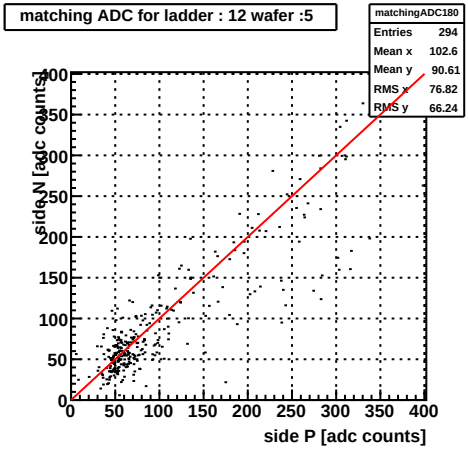

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 490
Mean x 76.03
Mean y 61.38
RMS x 65.33
RMS y 49.6
side N [adc counts]
side P [adc counts]

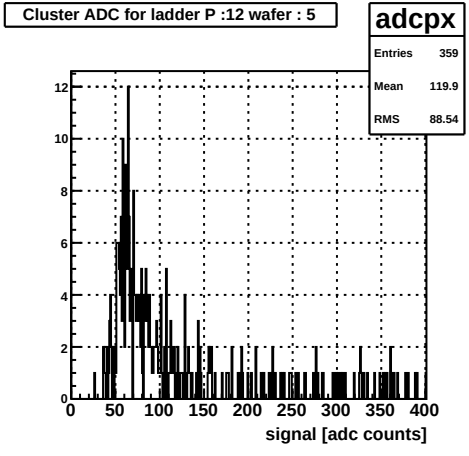

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5557
Mean 29.26
RMS 33.09
signal [adc counts]

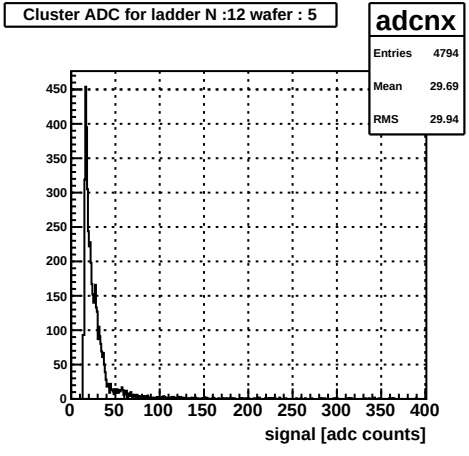

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1952
Mean 36.47
RMS 37.99
signal [adc counts]

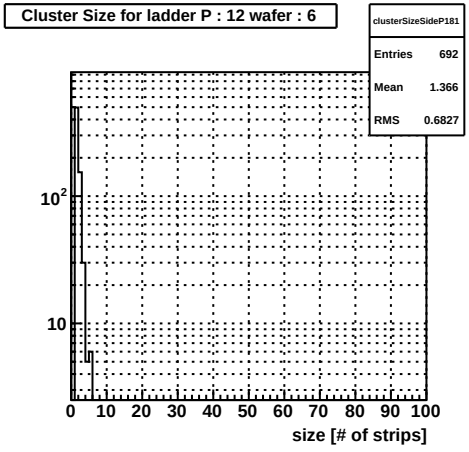

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 359
Mean 1.309
RMS 0.6564
size [# of strips]

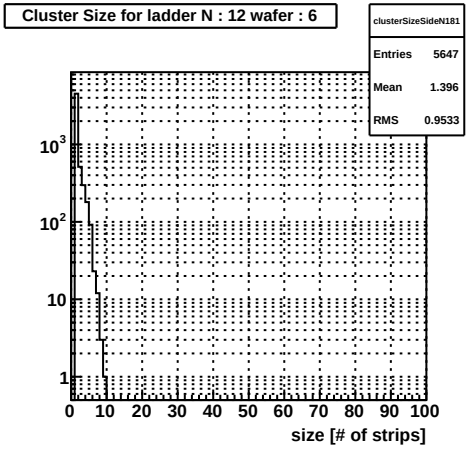

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4794
Mean 1.192
RMS 0.5524
size [# of strips]

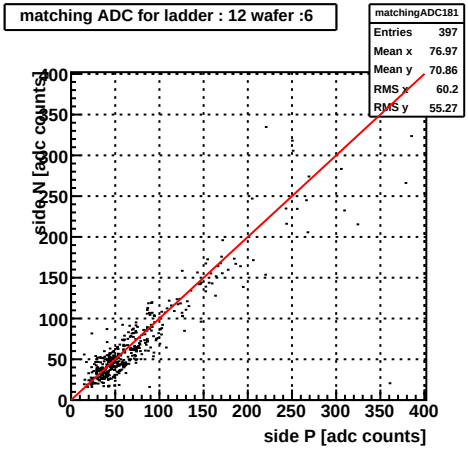

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 294
Mean x 102.6
Mean y 90.61
RMS x 76.82
RMS y 66.24
side N [adc counts]
side P [adc counts]

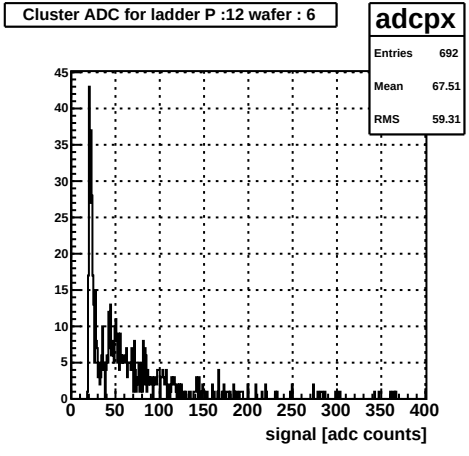

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 359
Mean 119.9
RMS 88.54
signal [adc counts]

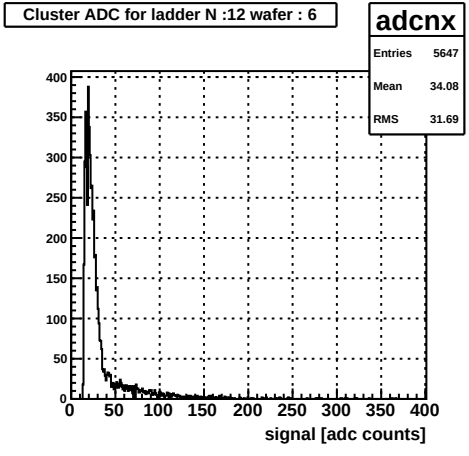

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4794
Mean 29.69
RMS 29.94
signal [adc counts]

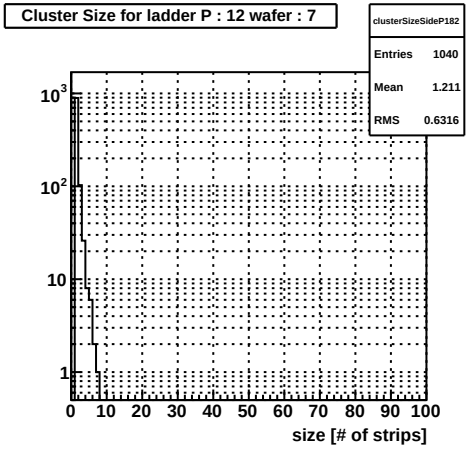

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 692
Mean 1.366
RMS 0.6827
size [# of strips]

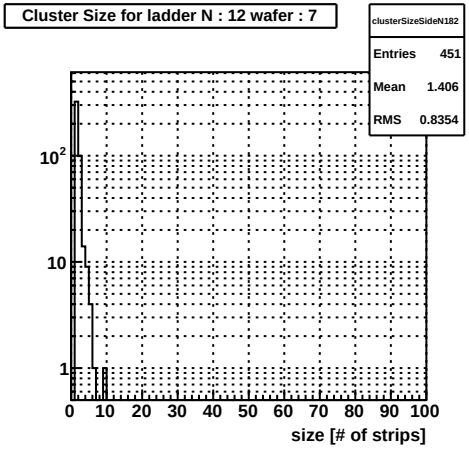

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5647
Mean 1.396
RMS 0.9533
size [# of strips]

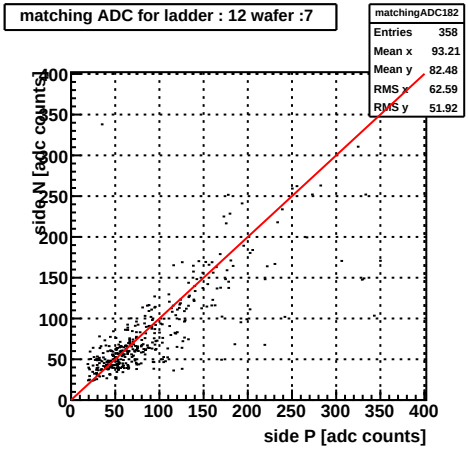

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 397
Mean x 76.97
Mean y 70.86
RMS x 60.2
RMS y 55.27
side N [adc counts]
side P [adc counts]

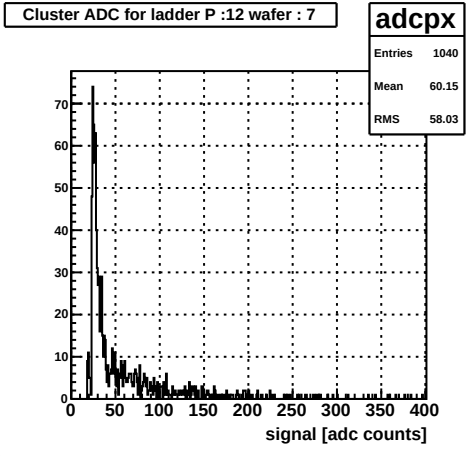

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 692
Mean 67.51
RMS 59.31
signal [adc counts]

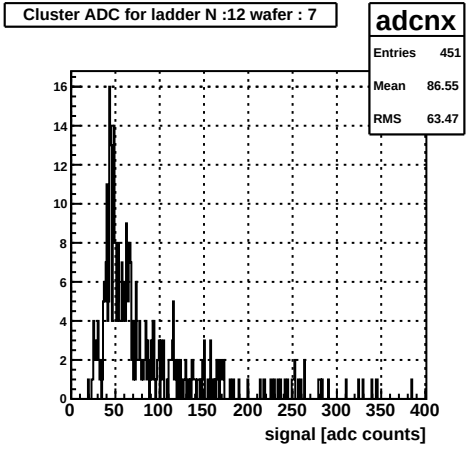

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5647
Mean 34.08
RMS 31.69
signal [adc counts]

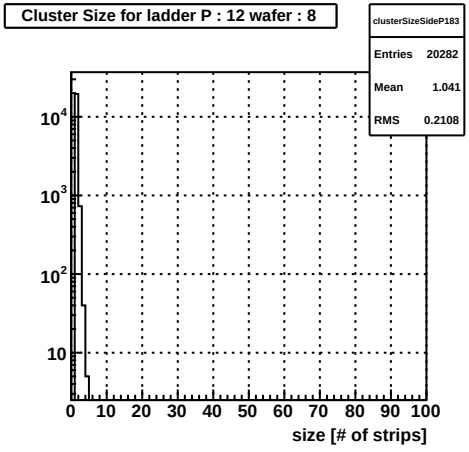

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1040
Mean 1.211
RMS 0.6316
size [# of strips]

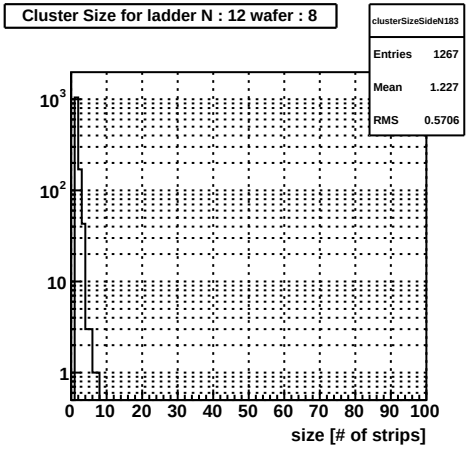

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 451
Mean 1.406
RMS 0.8354
size [# of strips]

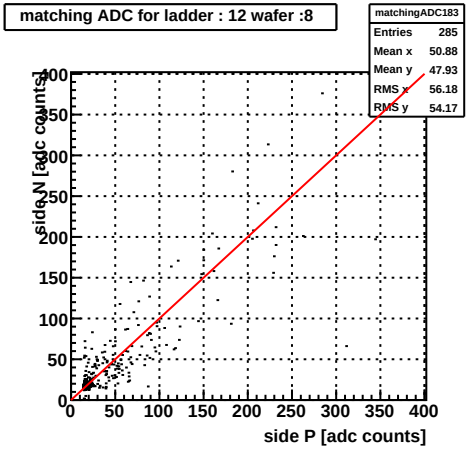

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 358
Mean x 93.21
Mean y 82.48
RMS x 62.59
RMS y 51.92
side N [adc counts]
side P [adc counts]

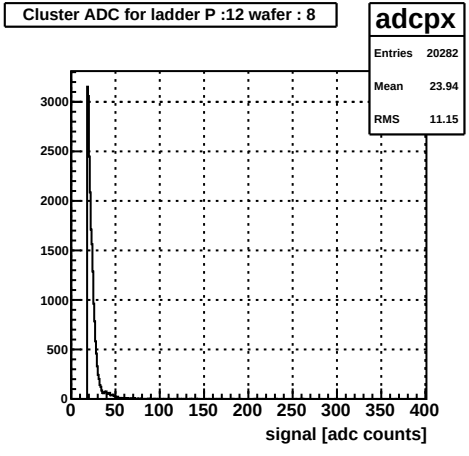

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1040
Mean 60.15
RMS 58.03
signal [adc counts]

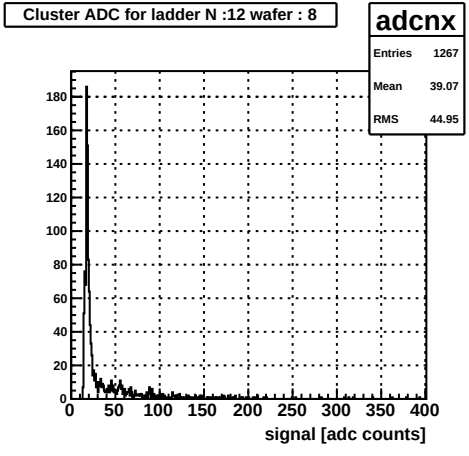

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 451
Mean 86.55
RMS 63.47
signal [adc counts]

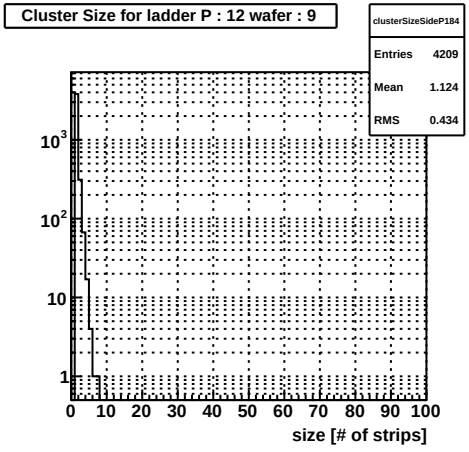

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 20282
Mean 1.041
RMS 0.2108
size [# of strips]

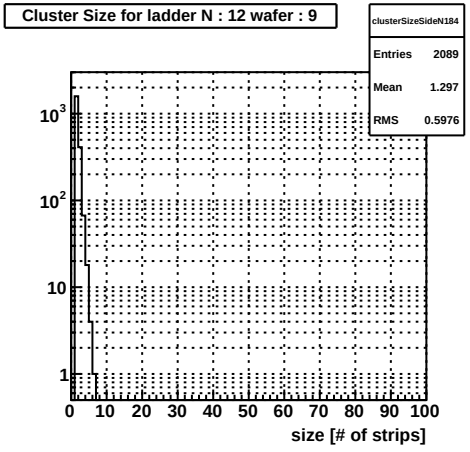

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1267
Mean 1.227
RMS 0.5706
size [# of strips]

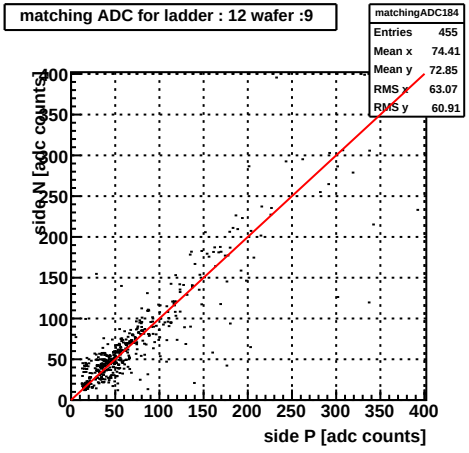

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 285
Mean x 50.88
Mean y 47.93
RMS x 56.18
RMS y 54.17
side N [adc counts]
side P [adc counts]

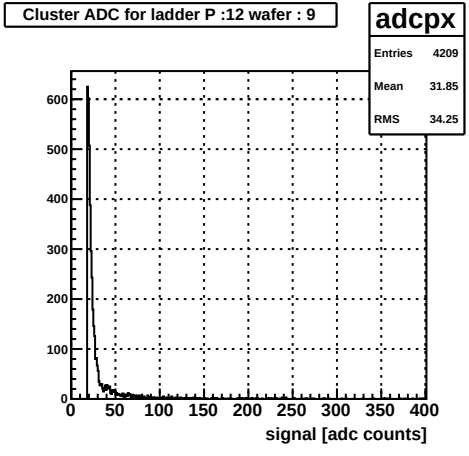

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 20282
Mean 23.94
RMS 11.15
signal [adc counts]

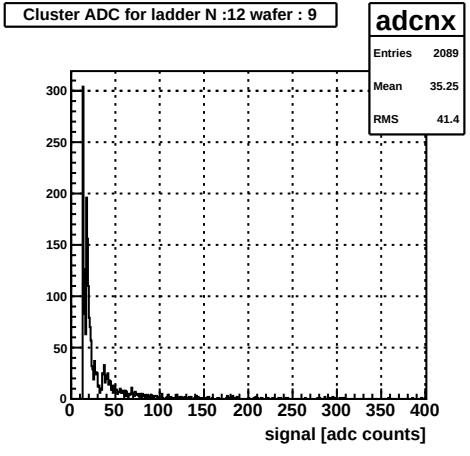

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1267
Mean 39.07
RMS 44.95
signal [adc counts]

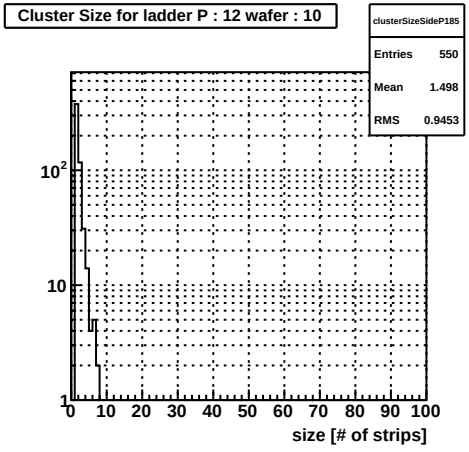

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4209
Mean 1.124
RMS 0.434
size [# of strips]

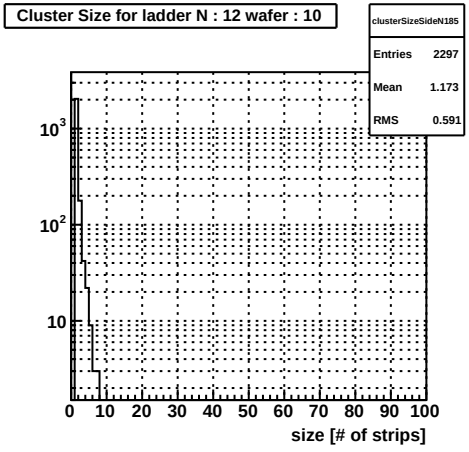

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2089
Mean 1.297
RMS 0.5976
size [# of strips]

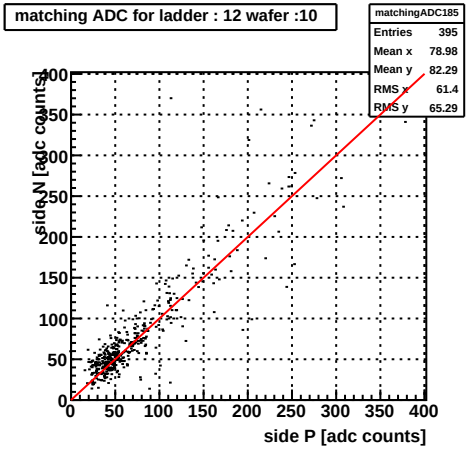

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 455
Mean x 74.41
Mean y 72.85
RMS x 63.07
RMS y 60.91
side N [adc counts]
side P [adc counts]

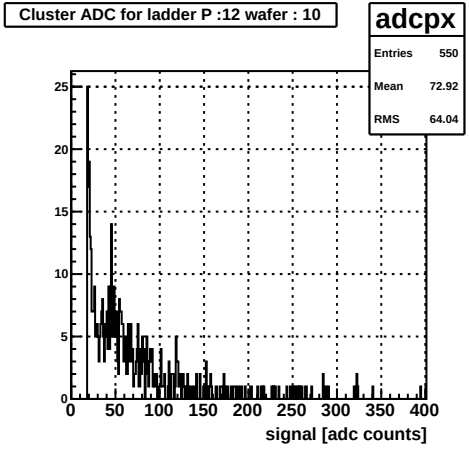

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4209
Mean 31.85
RMS 34.25
signal [adc counts]

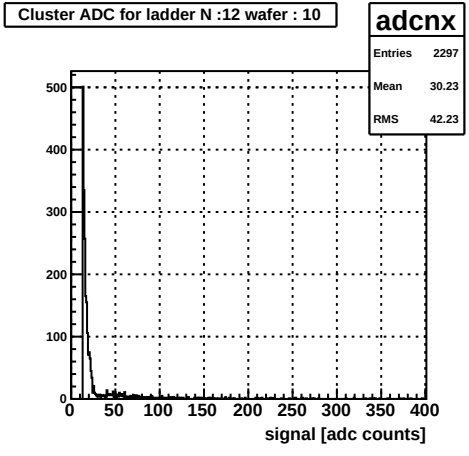

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2089
Mean 35.25
RMS 41.4
signal [adc counts]

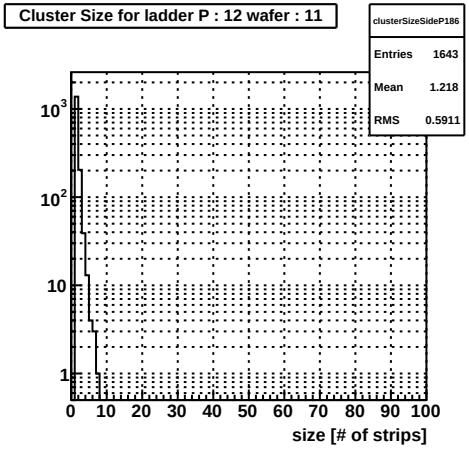

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 550
Mean 1.498
RMS 0.9453
size [# of strips]

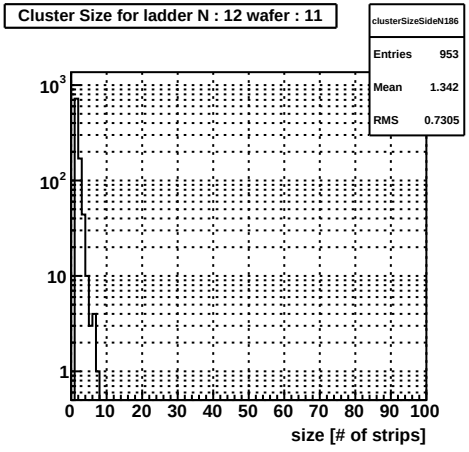

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2297
Mean 1.173
RMS 0.591
size [# of strips]

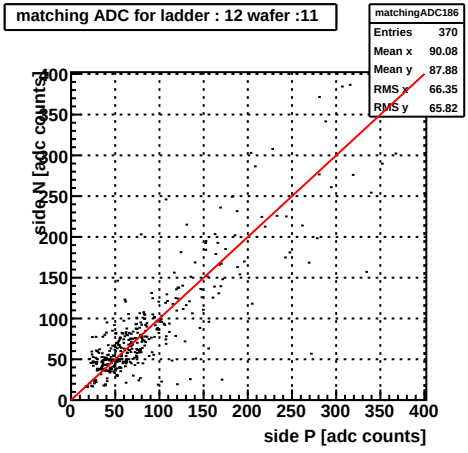

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 395
Mean x 78.98
Mean y 82.29
RMS x 61.4
RMS y 65.29
side N [adc counts]
side P [adc counts]

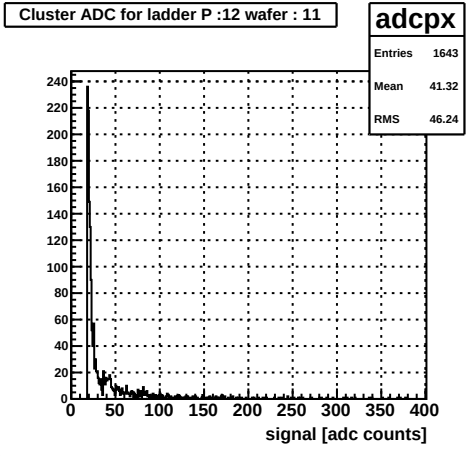

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 550
Mean 72.92
RMS 64.04
signal [adc counts]

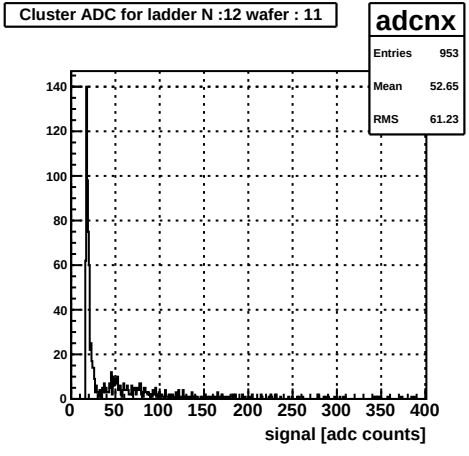

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2297
Mean 30.23
RMS 42.23
signal [adc counts]

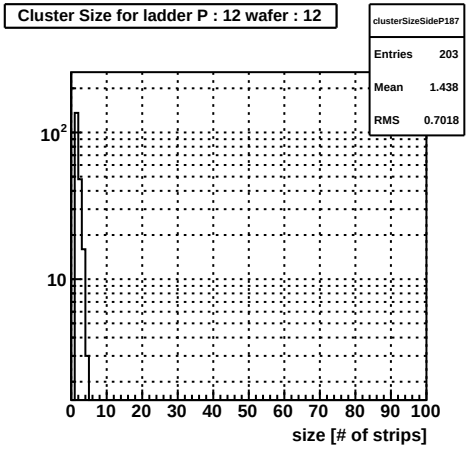

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 1643
Mean 1.218
RMS 0.5911
size [# of strips]

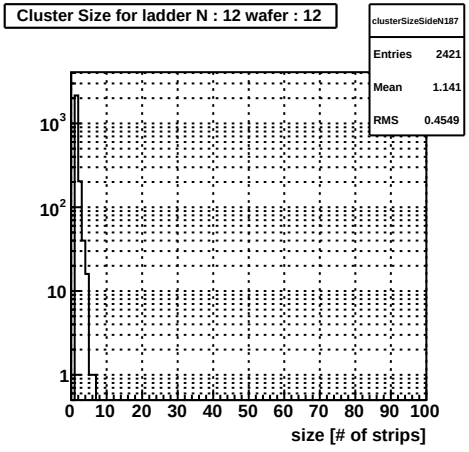

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 953
Mean 1.342
RMS 0.7305
size [# of strips]

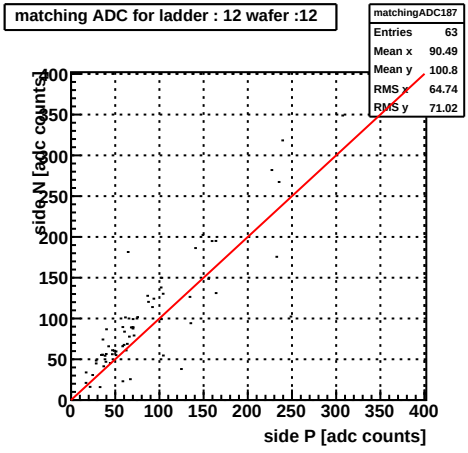

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 370
Mean x 90.08
Mean y 87.88
RMS x 66.35
RMS y 65.82
side N [adc counts]
side P [adc counts]

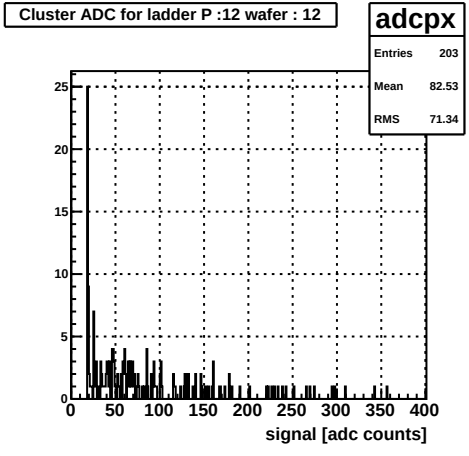

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 1643
Mean 41.32
RMS 46.24
signal [adc counts]

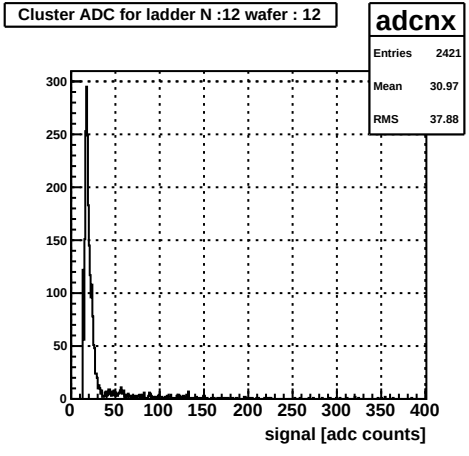

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 953
Mean 52.65
RMS 61.23
signal [adc counts]

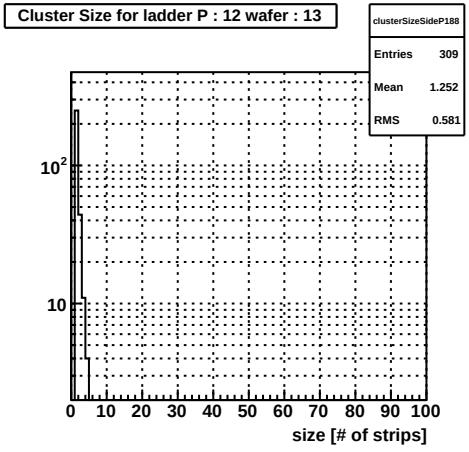

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 203
Mean 1.438
RMS 0.7018
size [# of strips]

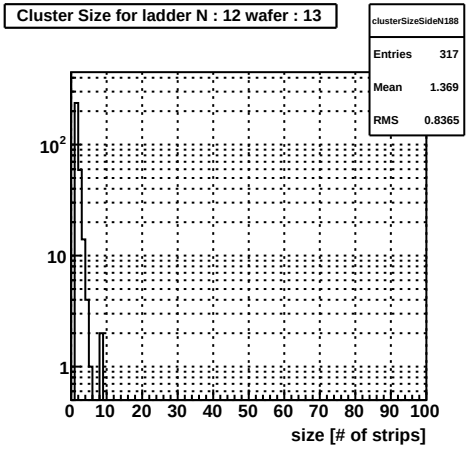

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2421
Mean 1.141
RMS 0.4549
size [# of strips]

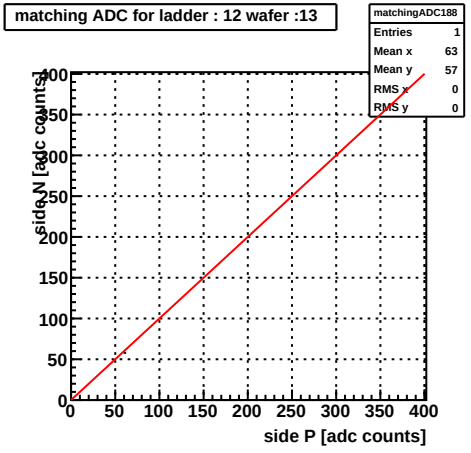

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 63
Mean x 90.49
Mean y 100.8
RMS x 64.74
RMS y 71.02
side N [adc counts]
side P [adc counts]

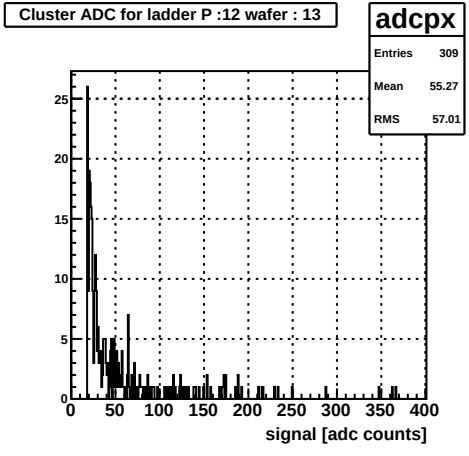

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 203
Mean 82.53
RMS 71.34
signal [adc counts]

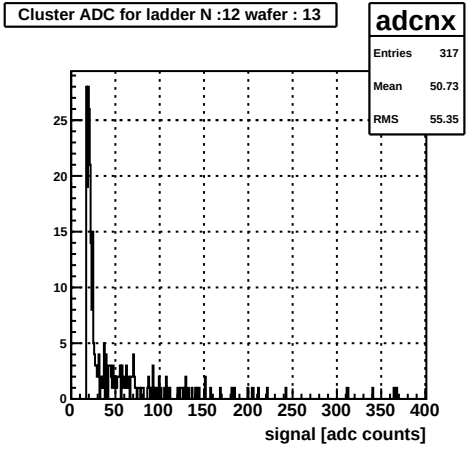

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2421
Mean 30.97
RMS 37.88
signal [adc counts]

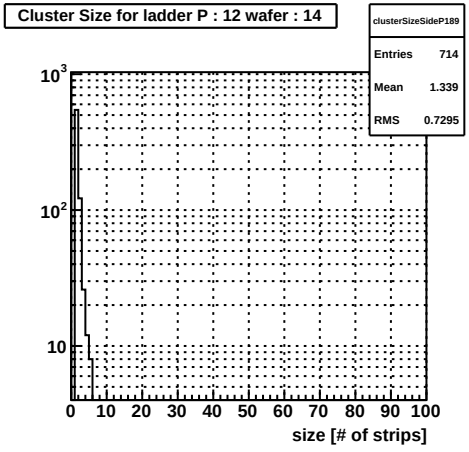

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 309
Mean 1.252
RMS 0.581
size [# of strips]

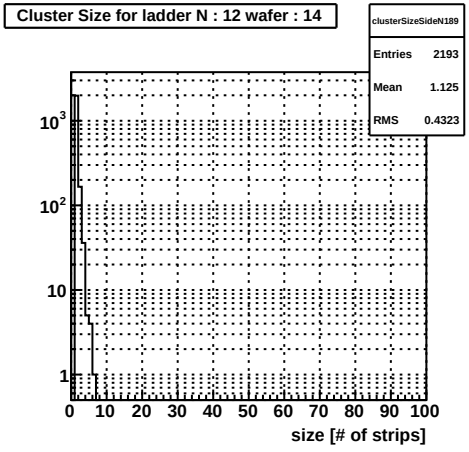

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 317
Mean 1.369
RMS 0.8365
size [# of strips]

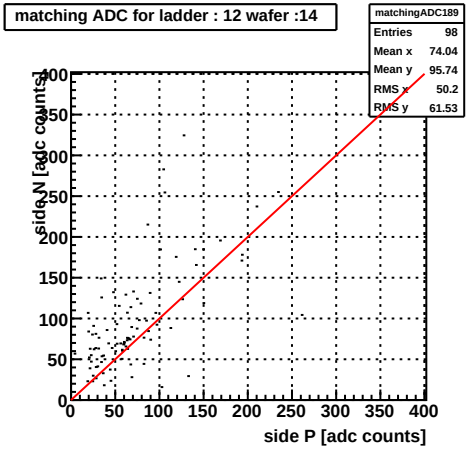

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 63
Mean y 57
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

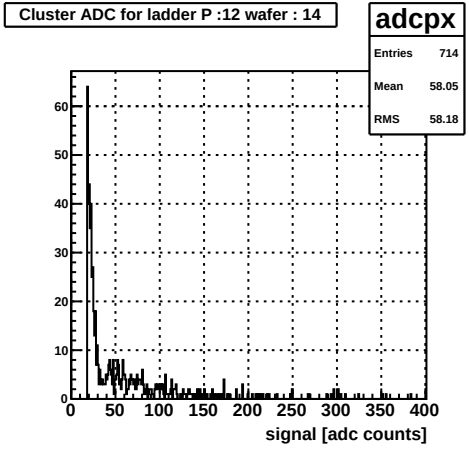

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 309
Mean 55.27
RMS 57.01
signal [adc counts]

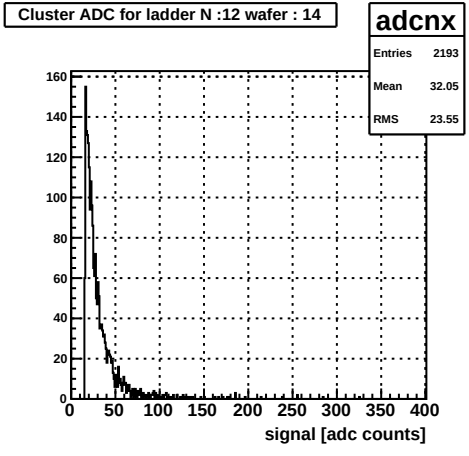

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 317
Mean 50.73
RMS 55.35
signal [adc counts]

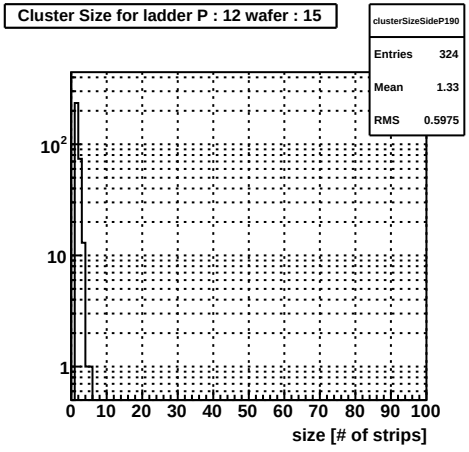

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 714
Mean 1.339
RMS 0.7295
size [# of strips]

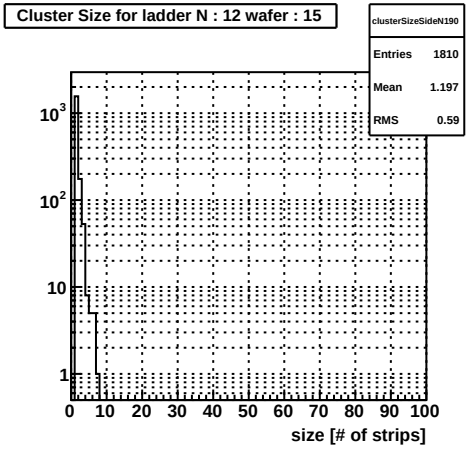

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2193
Mean 1.125
RMS 0.4323
size [# of strips]

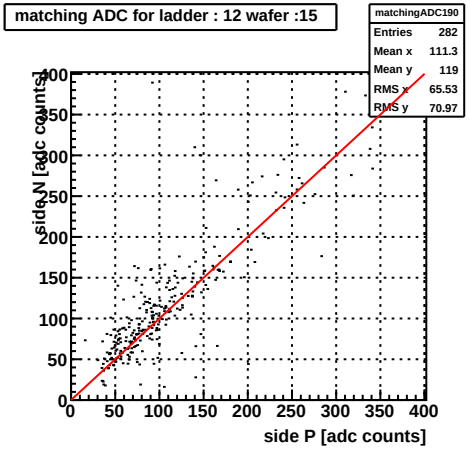

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 98
Mean x 74.04
Mean y 95.74
RMS x 50.2
RMS y 61.53
side N [adc counts]
side P [adc counts]

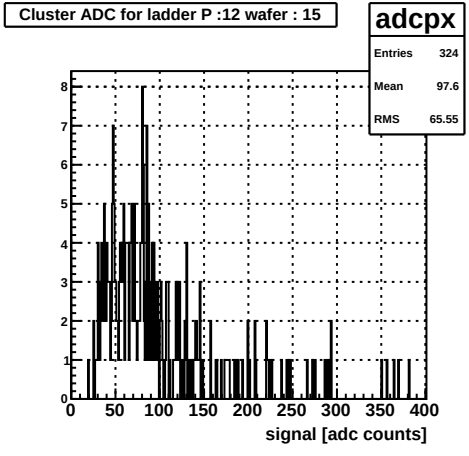

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 714
Mean 58.05
RMS 58.18
signal [adc counts]

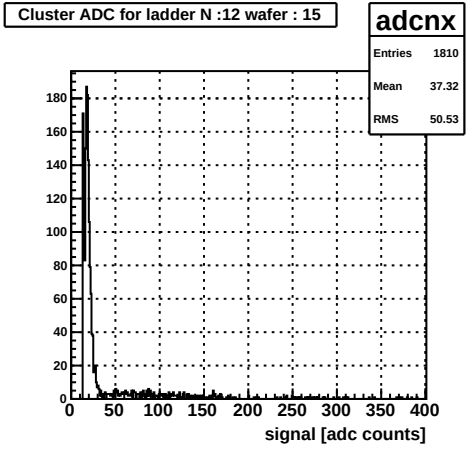

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2193
Mean 32.05
RMS 23.55
signal [adc counts]

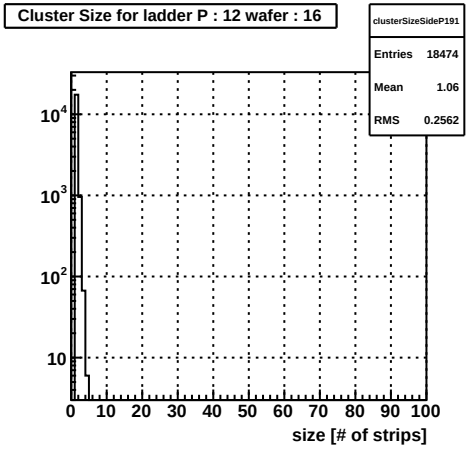

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 324
Mean 1.33
RMS 0.5975
size [# of strips]

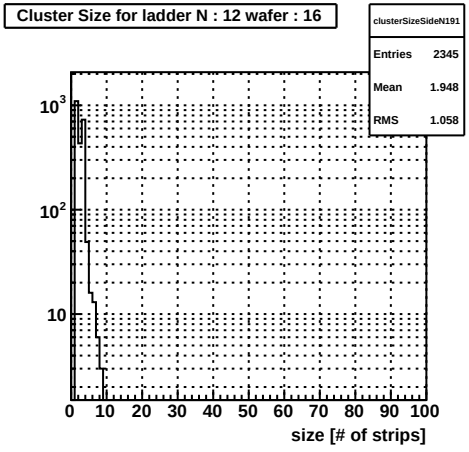

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1810
Mean 1.197
RMS 0.59
size [# of strips]

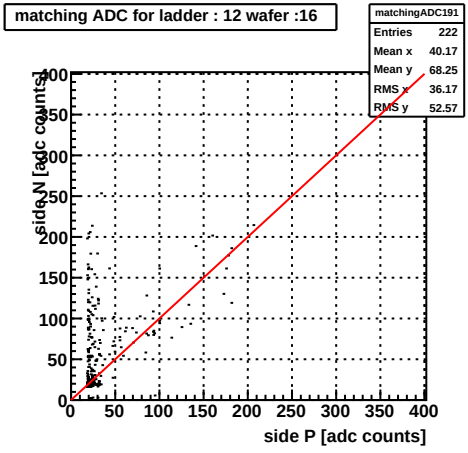

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 282
Mean x 111.3
Mean y 119
RMS x 65.53
RMS y 70.97
side N [adc counts]
side P [adc counts]

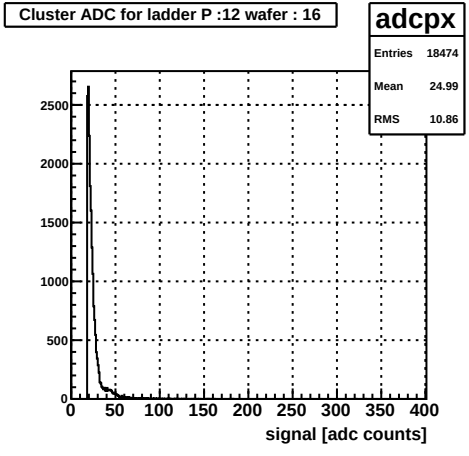

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 324
Mean 97.6
RMS 65.55
signal [adc counts]

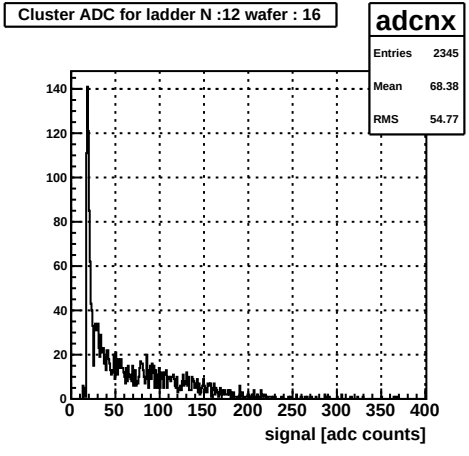

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1810
Mean 37.32
RMS 50.53
signal [adc counts]

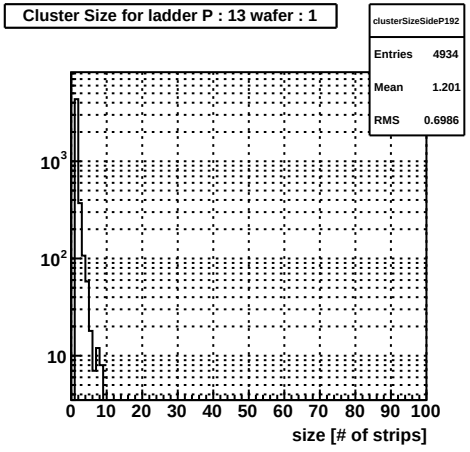

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18474
Mean 1.06
RMS 0.2562
size [# of strips]

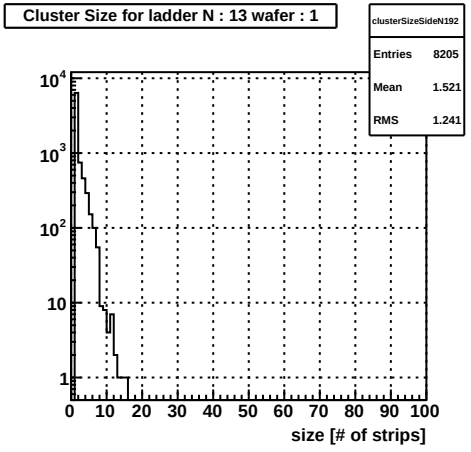

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2345
Mean 1.948
RMS 1.058
size [# of strips]

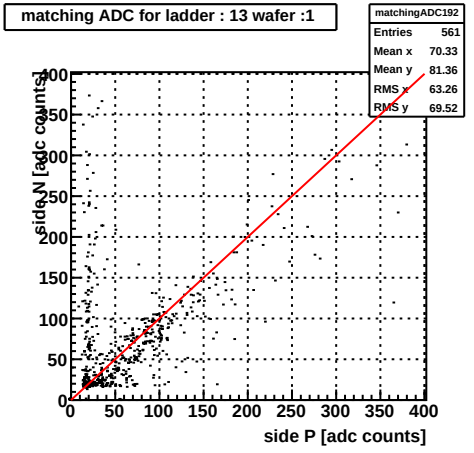

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 222
Mean x 40.17
Mean y 68.25
RMS x 36.17
RMS y 52.57
side N [adc counts]
side P [adc counts]

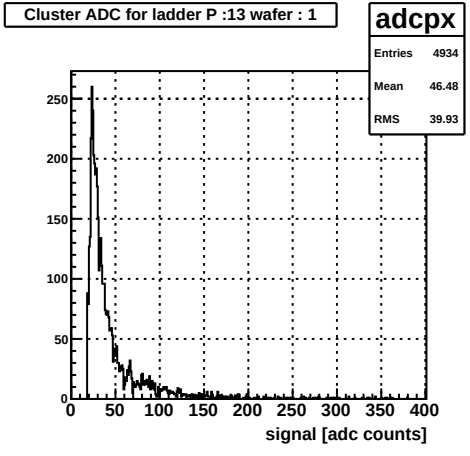

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18474
Mean 24.99
RMS 10.86
signal [adc counts]

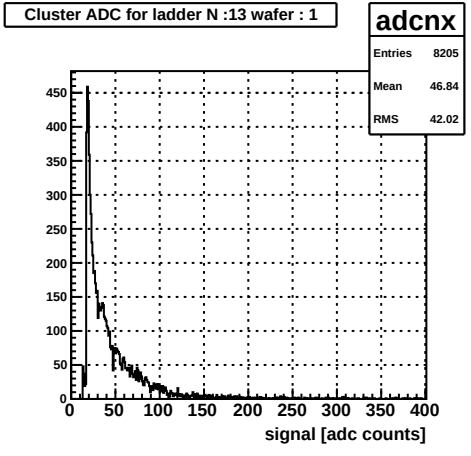

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2345
Mean 68.38
RMS 54.77
signal [adc counts]

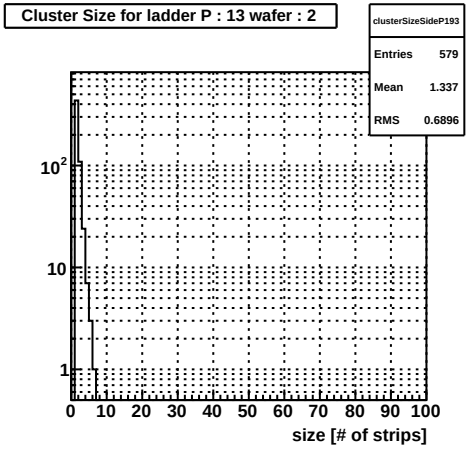

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4934
Mean 1.201
RMS 0.6986
size [# of strips]

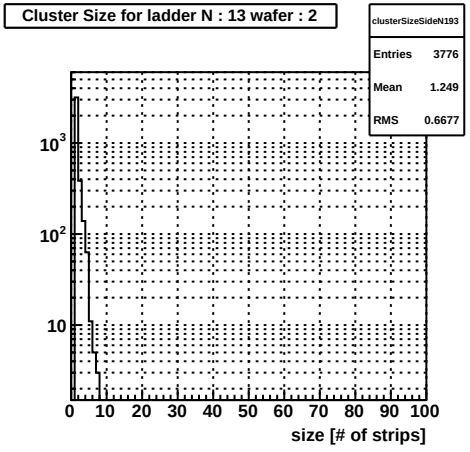

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 8205
Mean 1.521
RMS 1.241
size [# of strips]

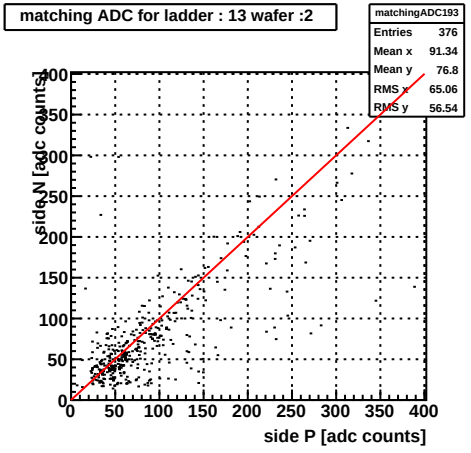

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 561
Mean x 70.33
Mean y 81.36
RMS x 63.26
RMS y 69.52
side N [adc counts]
side P [adc counts]

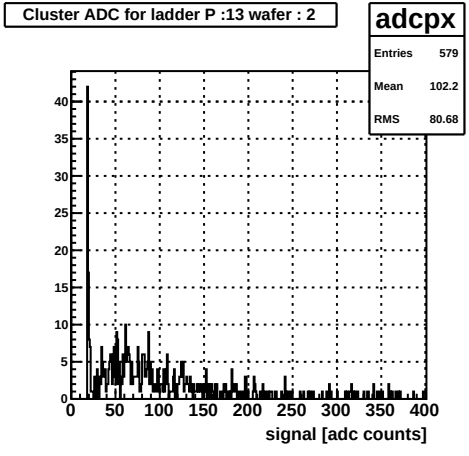

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4934
Mean 46.48
RMS 39.93
signal [adc counts]

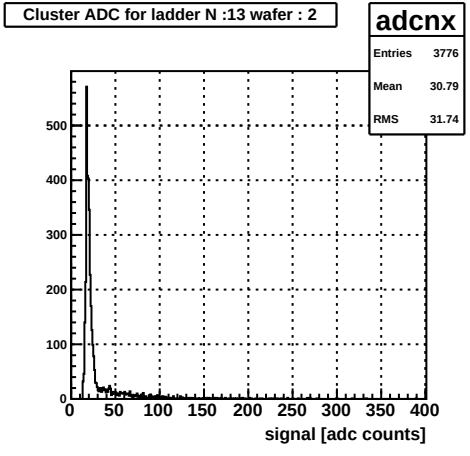

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 8205
Mean 46.84
RMS 42.02
signal [adc counts]

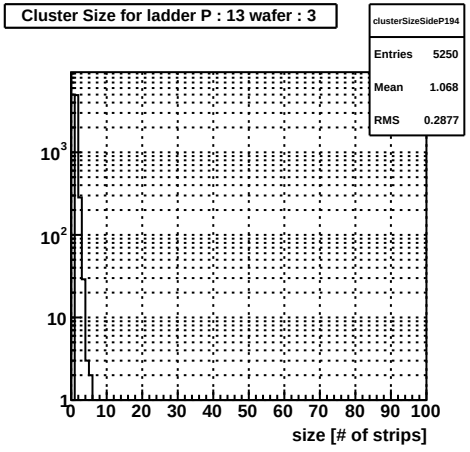

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 579
Mean 1.337
RMS 0.6896
size [# of strips]

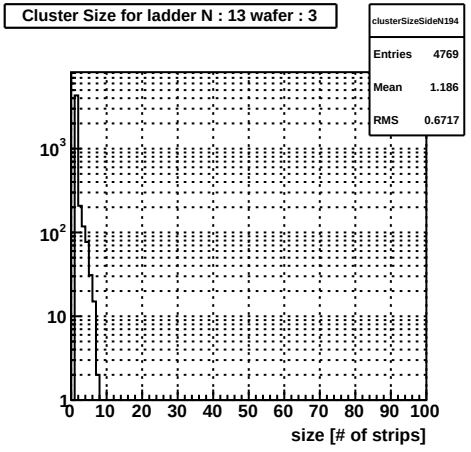

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3776
Mean 1.249
RMS 0.6677
size [# of strips]

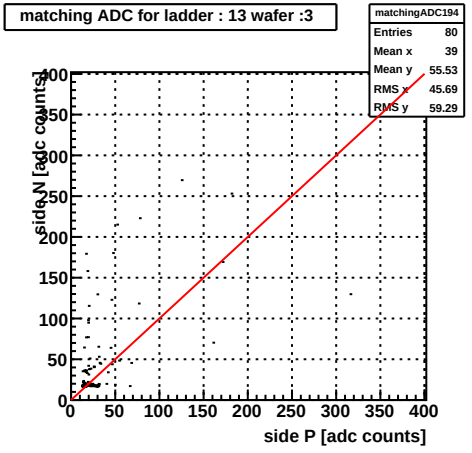

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 376
Mean x 91.34
Mean y 76.8
RMS x 65.06
RMS y 56.54
side N [adc counts]
side P [adc counts]

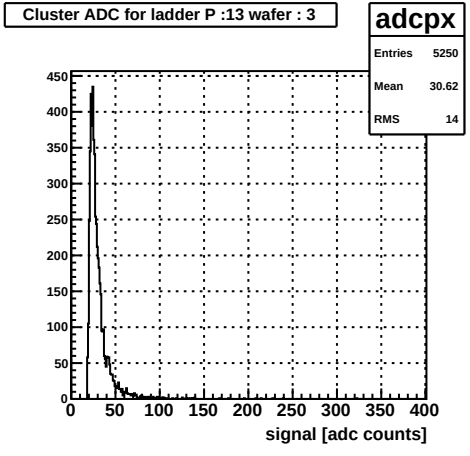

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 579
Mean 102.2
RMS 80.68
signal [adc counts]

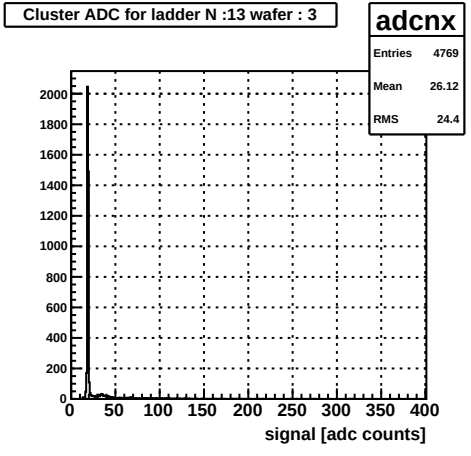

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3776
Mean 30.79
RMS 31.74
signal [adc counts]

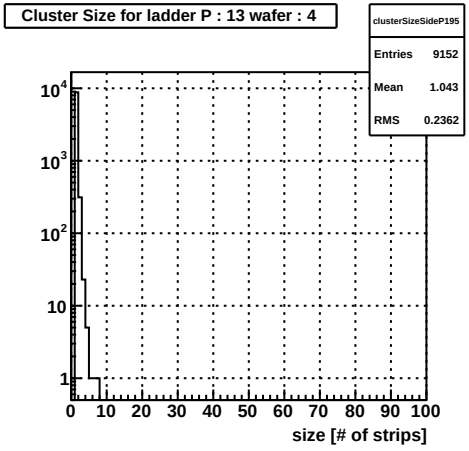

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 5250
Mean 1.068
RMS 0.2877
size [# of strips]

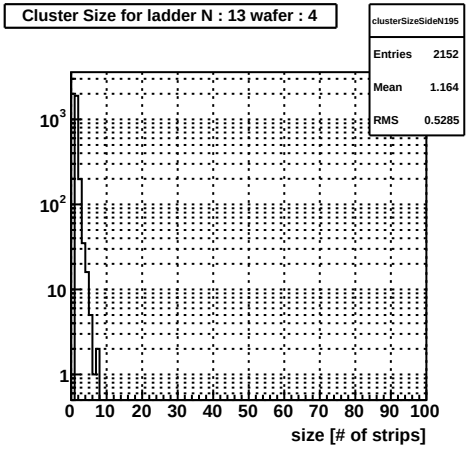

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4769
Mean 1.186
RMS 0.6717
size [# of strips]

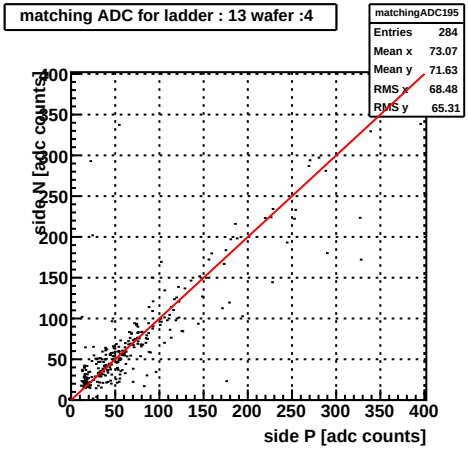

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 80
Mean x 39
Mean y 55.53
RMS x 45.69
RMS y 59.29
side N [adc counts]
side P [adc counts]

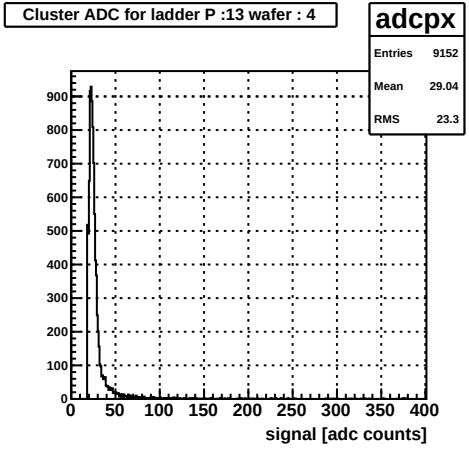

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 5250
Mean 30.62
RMS 14
signal [adc counts]

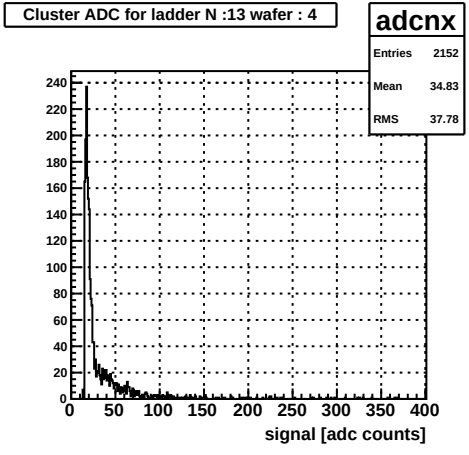

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4769
Mean 26.12
RMS 24.4
signal [adc counts]

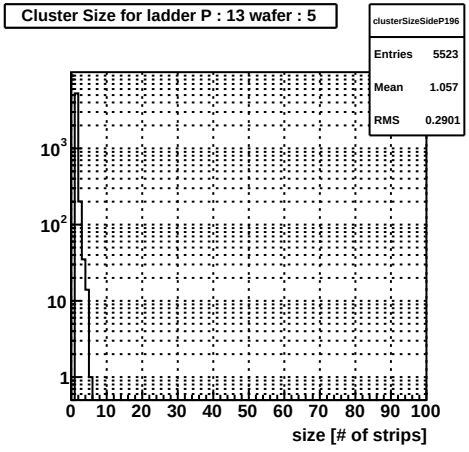

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9152
Mean 1.043
RMS 0.2362
size [# of strips]

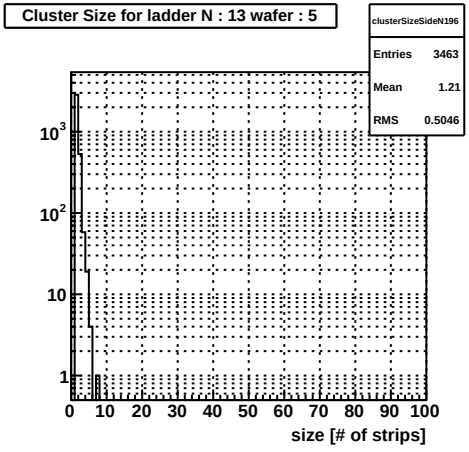

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2152
Mean 1.164
RMS 0.5285
size [# of strips]

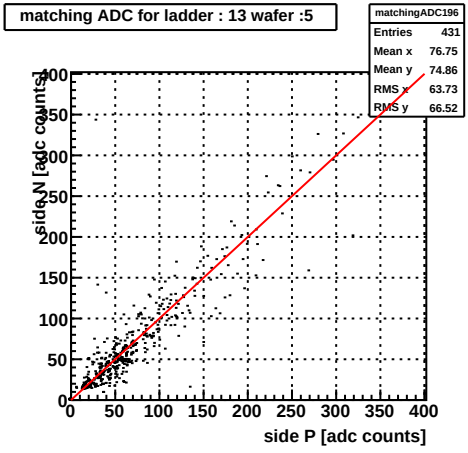

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 284
Mean x 73.07
Mean y 71.63
RMS x 68.48
RMS y 65.31
side N [adc counts]
side P [adc counts]

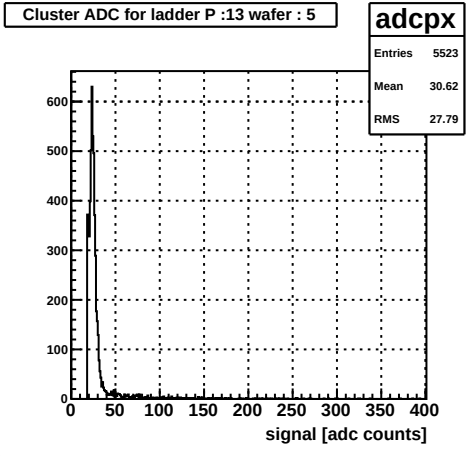

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9152
Mean 29.04
RMS 23.3
signal [adc counts]

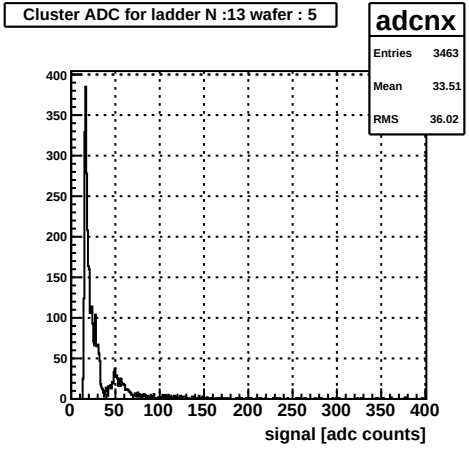

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2152
Mean 34.83
RMS 37.78
signal [adc counts]

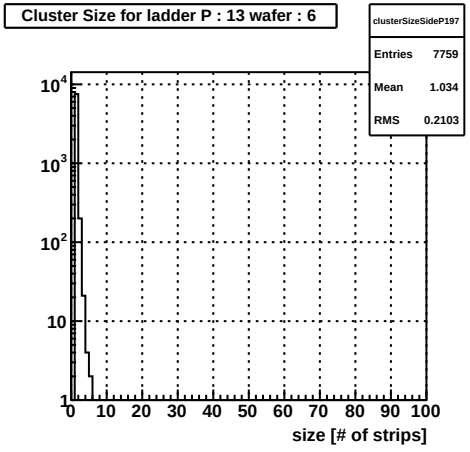

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5523
Mean 1.057
RMS 0.2901
size [# of strips]

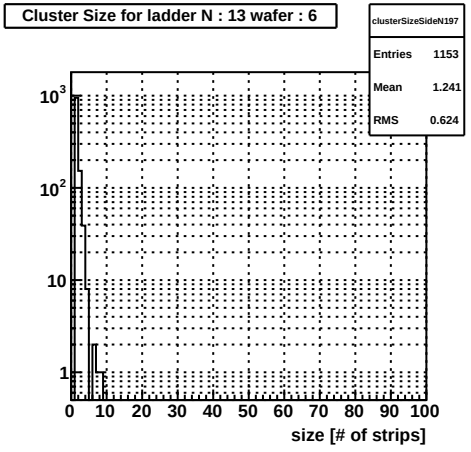

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3463
Mean 1.21
RMS 0.5046
size [# of strips]

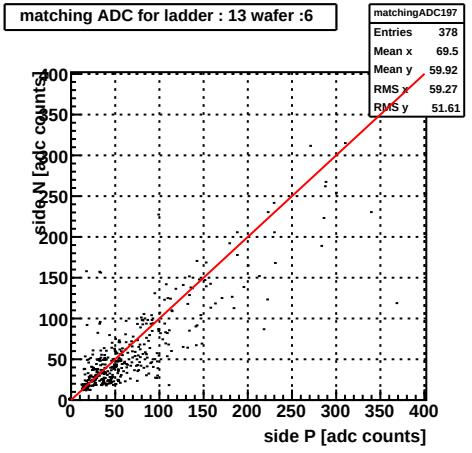

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 431
Mean x 76.75
Mean y 74.86
RMS x 63.73
RMS y 66.52
side N [adc counts]
side P [adc counts]

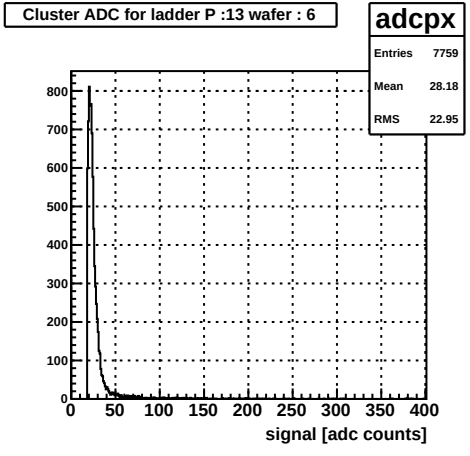

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5523
Mean 30.62
RMS 27.79
signal [adc counts]

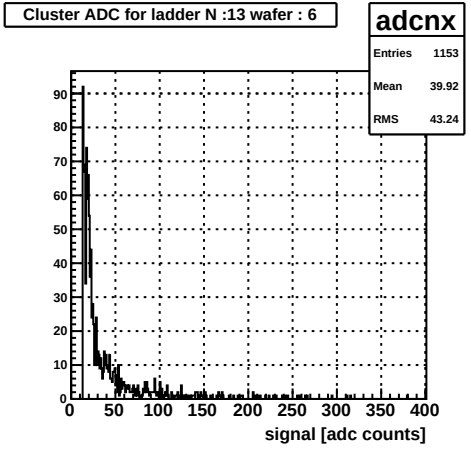

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3463
Mean 33.51
RMS 36.02
signal [adc counts]

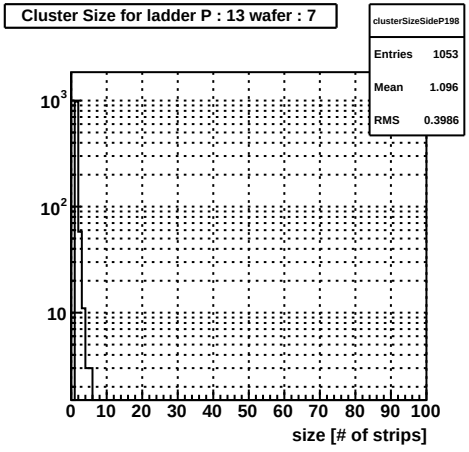

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7759
Mean 1.034
RMS 0.2103
size [# of strips]

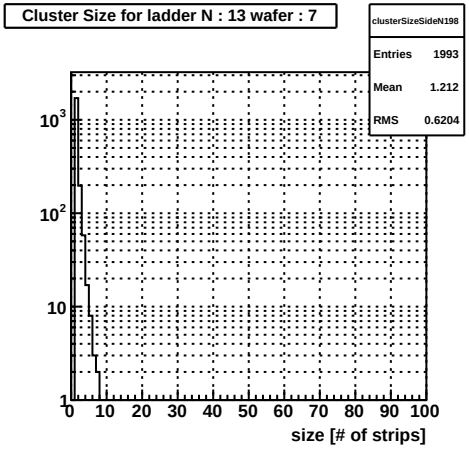

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 1153
Mean 1.241
RMS 0.624
size [# of strips]

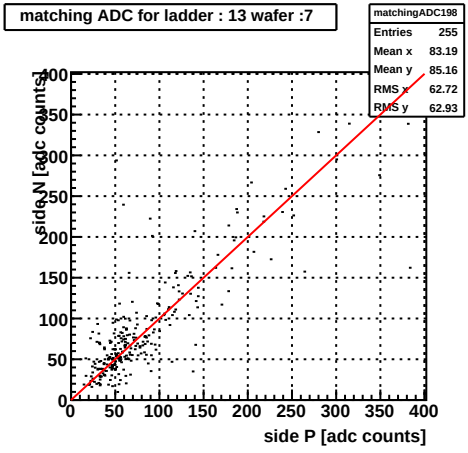

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 378
Mean x 69.5
Mean y 59.92
RMS x 59.27
RMS y 51.61
side N [adc counts]
side P [adc counts]

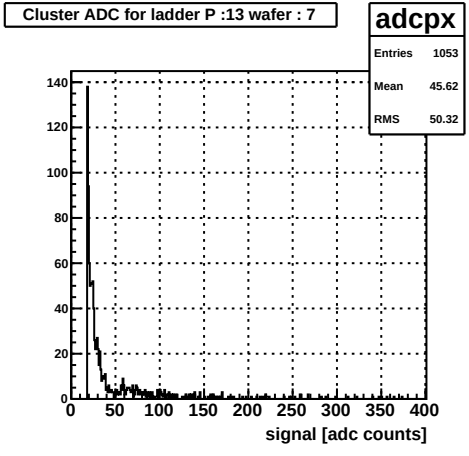

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7759
Mean 28.18
RMS 22.95
signal [adc counts]

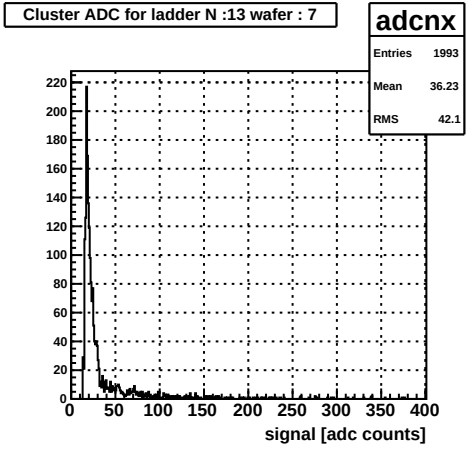

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 1153
Mean 39.92
RMS 43.24
signal [adc counts]

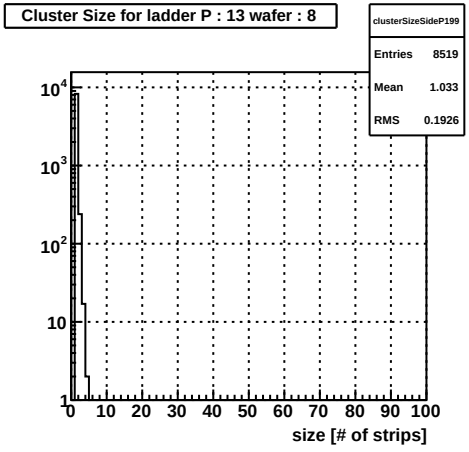

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1053
Mean 1.096
RMS 0.3986
size [# of strips]

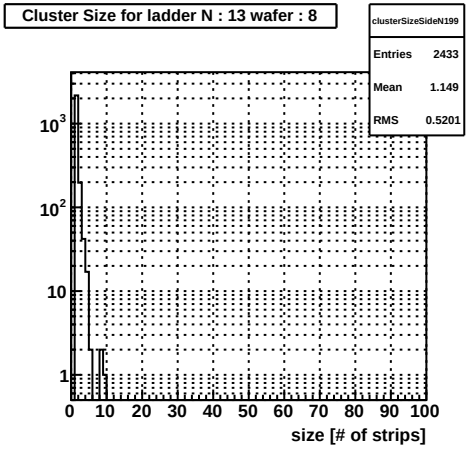

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1993
Mean 1.212
RMS 0.6204
size [# of strips]

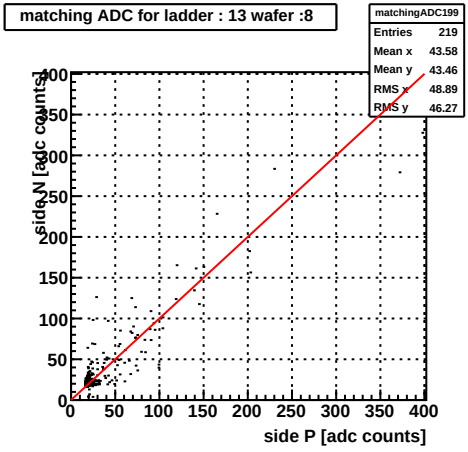

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 255
Mean x 83.19
Mean y 85.16
RMS x 62.72
RMS y 62.93
side N [adc counts]
side P [adc counts]

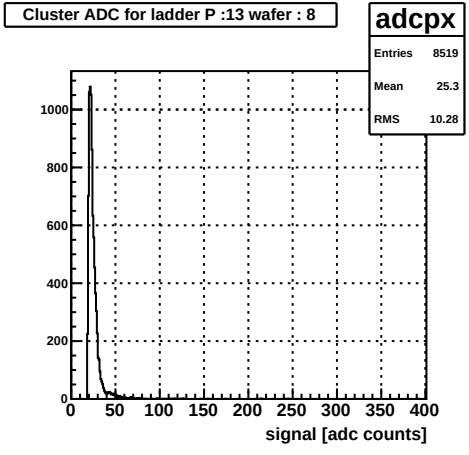

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1053
Mean 45.62
RMS 50.32
signal [adc counts]

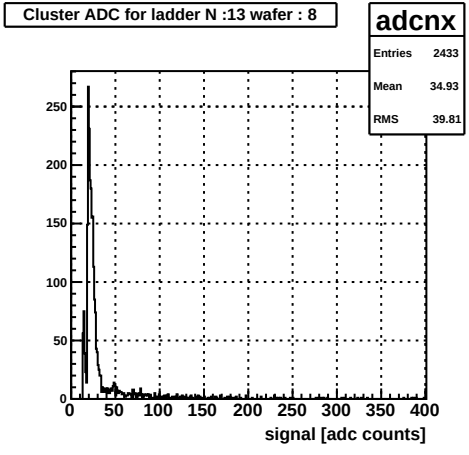

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1993
Mean 36.23
RMS 42.1
signal [adc counts]

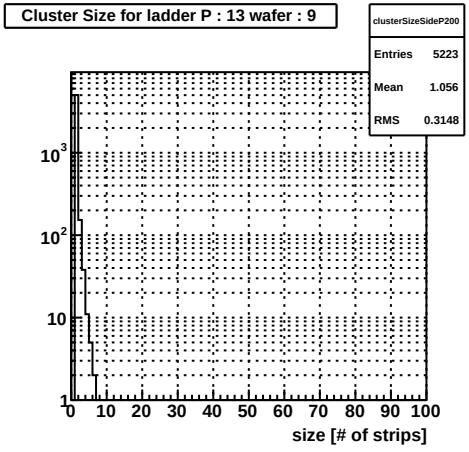

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8519
Mean 1.033
RMS 0.1926
size [# of strips]

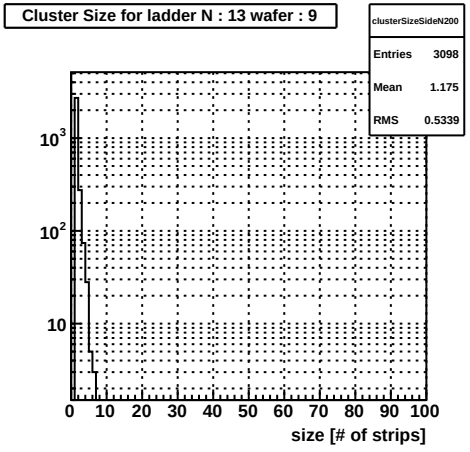

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2433
Mean 1.149
RMS 0.5201
size [# of strips]

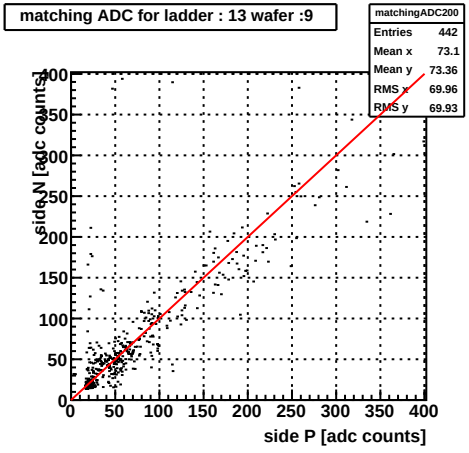

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 219
Mean x 43.58
Mean y 43.46
RMS x 48.89
RMS y 46.27
side N [adc counts]
side P [adc counts]

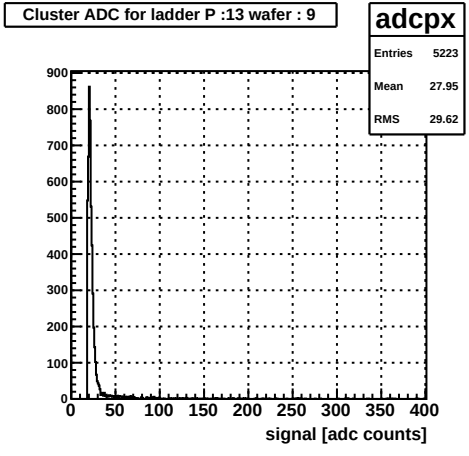

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8519
Mean 25.3
RMS 10.28
signal [adc counts]

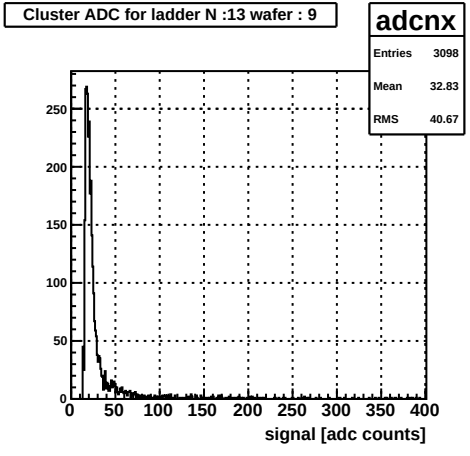

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2433
Mean 34.93
RMS 39.81
signal [adc counts]

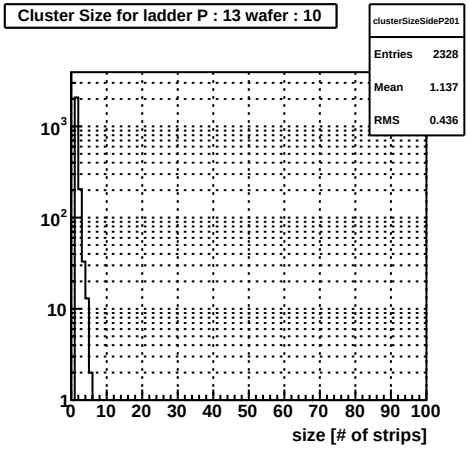

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5223
Mean 1.056
RMS 0.3148
size [# of strips]

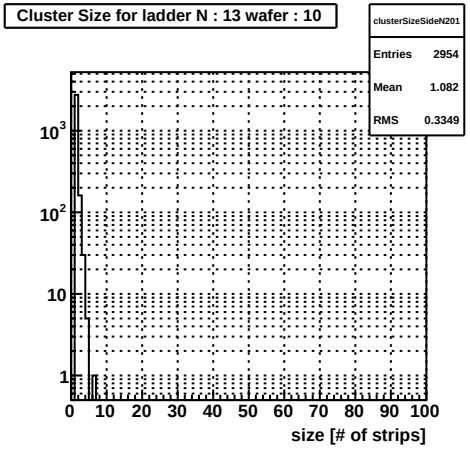

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 3098
Mean 1.175
RMS 0.5339
size [# of strips]

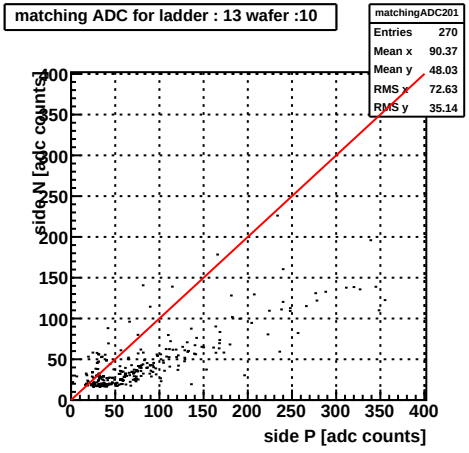

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 442
Mean x 73.1
Mean y 73.36
RMS x 69.96
RMS y 69.93
side N [adc counts]
side P [adc counts]

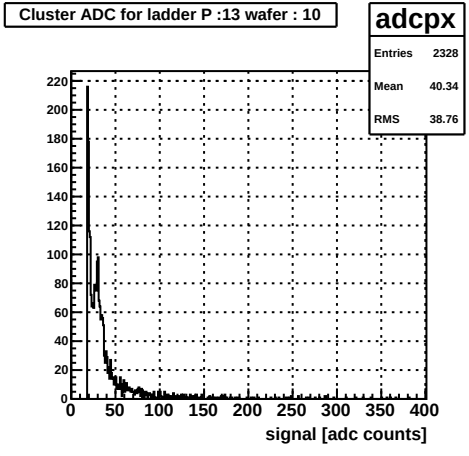

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5223
Mean 27.95
RMS 29.62
signal [adc counts]

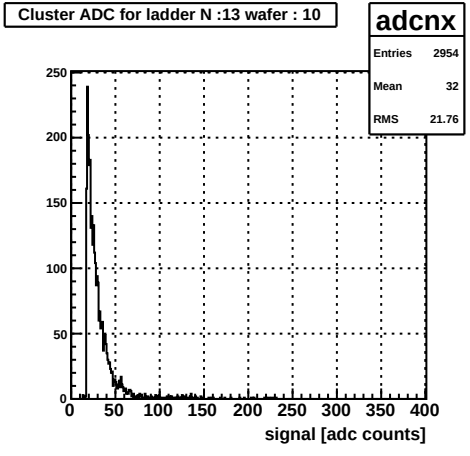

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 3098
Mean 32.83
RMS 40.67
signal [adc counts]

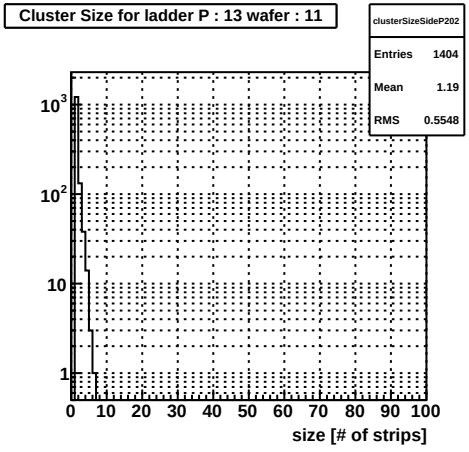

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2328
Mean 1.137
RMS 0.436
size [# of strips]

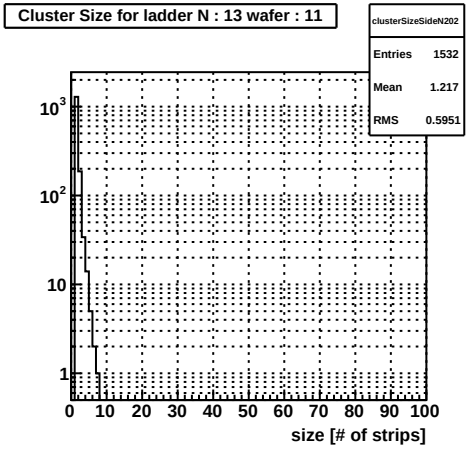

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2954
Mean 1.082
RMS 0.3349
size [# of strips]

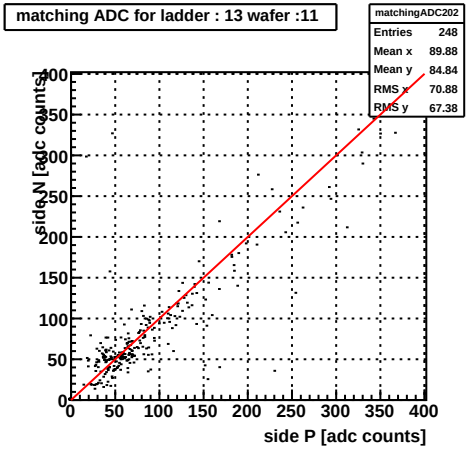

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 270
Mean x 90.37
Mean y 48.03
RMS x 72.63
RMS y 35.14
side N [adc counts]
side P [adc counts]

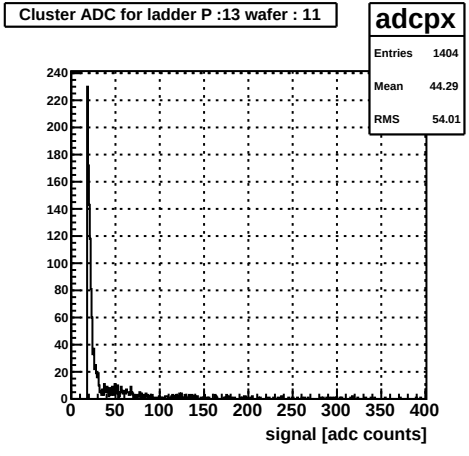

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2328
Mean 40.34
RMS 38.76
signal [adc counts]

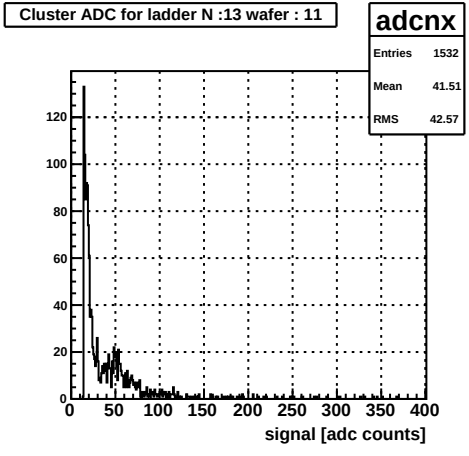

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2954
Mean 32
RMS 21.76
signal [adc counts]

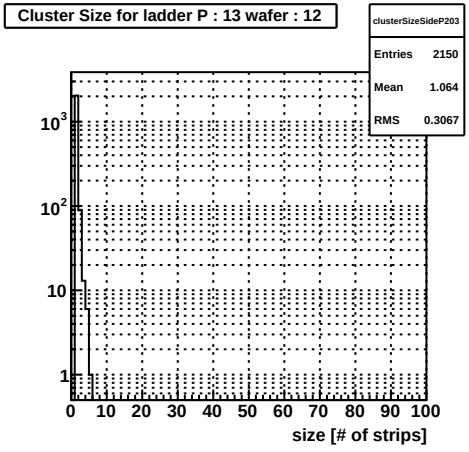

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1404
Mean 1.19
RMS 0.5548
size [# of strips]

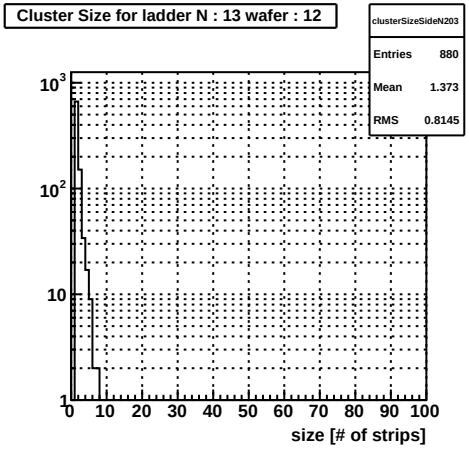

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1532
Mean 1.217
RMS 0.5951
size [# of strips]

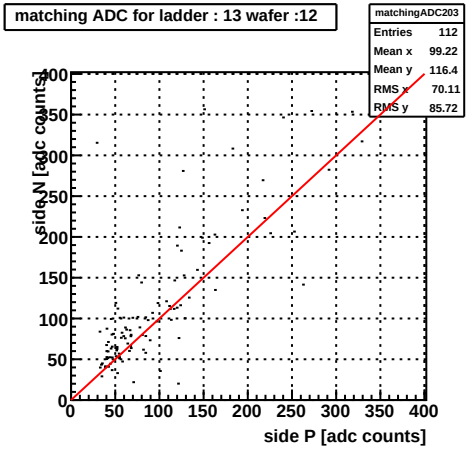

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 248
Mean x 89.88
Mean y 84.84
RMS x 70.88
RMS y 67.38
side N [adc counts]
side P [adc counts]

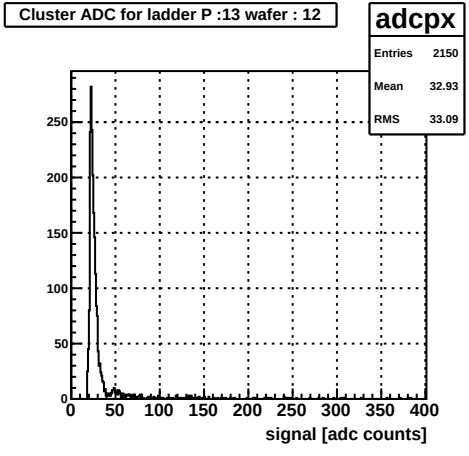

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1404
Mean 44.29
RMS 54.01
signal [adc counts]

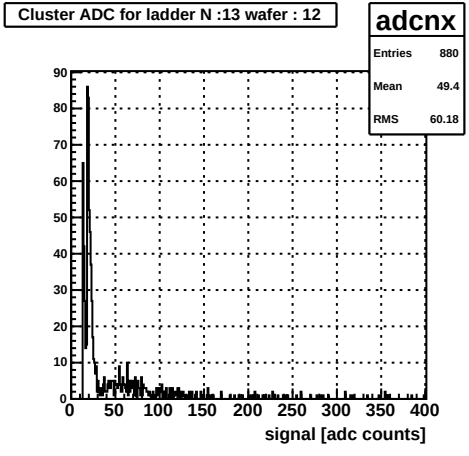

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1532
Mean 41.51
RMS 42.57
signal [adc counts]

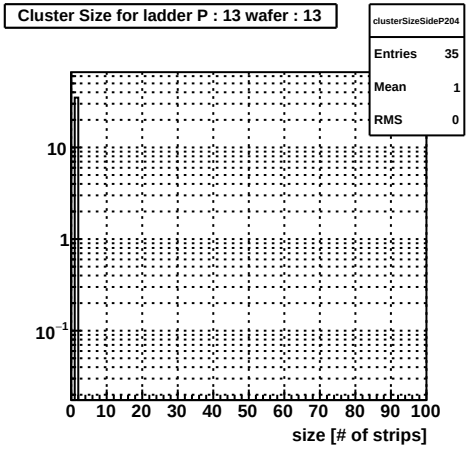

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2150
Mean 1.064
RMS 0.3067
size [# of strips]

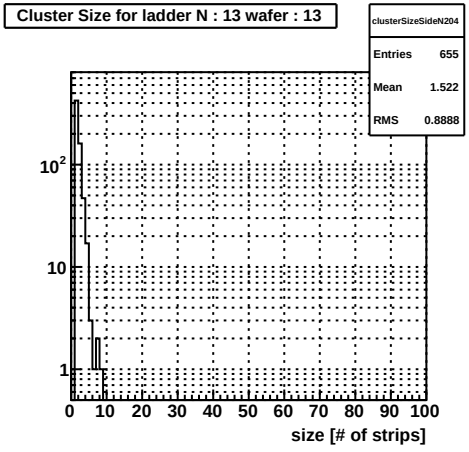

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 880
Mean 1.373
RMS 0.8145
size [# of strips]

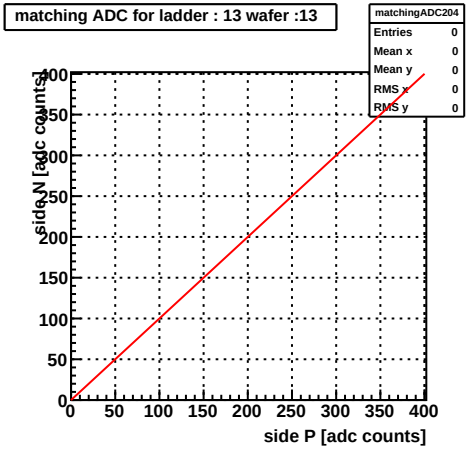

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 112
Mean x 99.22
Mean y 116.4
RMS x 70.11
RMS y 85.72
side N [adc counts]
side P [adc counts]

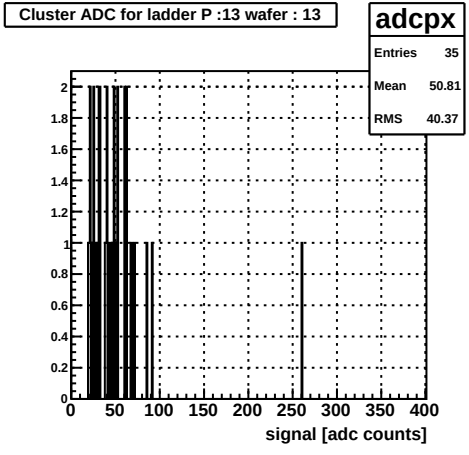

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2150
Mean 32.93
RMS 33.09
signal [adc counts]

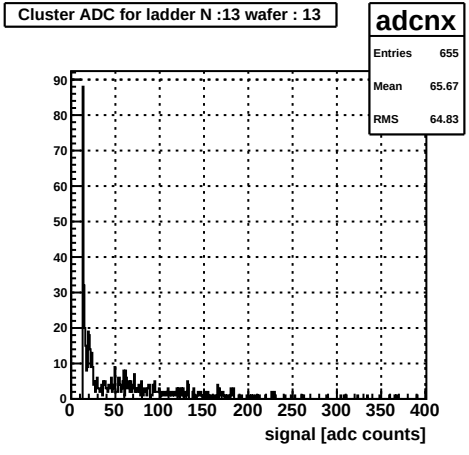

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 880
Mean 49.4
RMS 60.18
signal [adc counts]

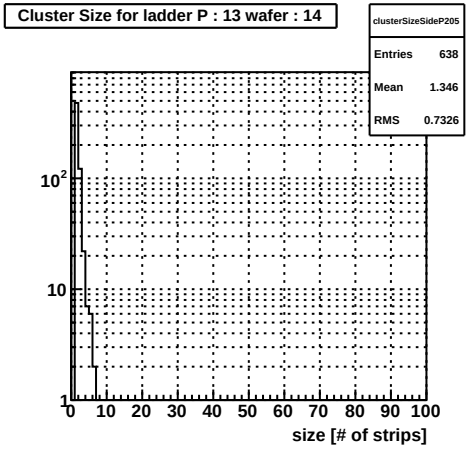

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 35
Mean 1
RMS 0
size [# of strips]

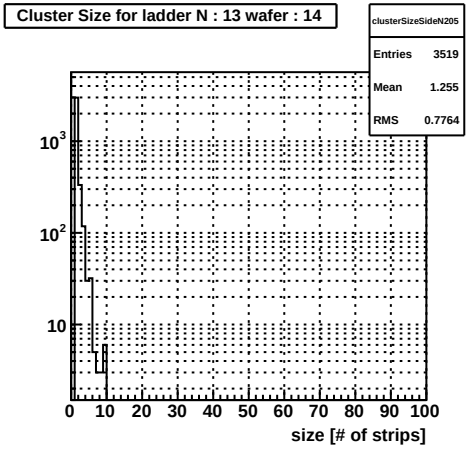

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 655
Mean 1.522
RMS 0.8888
size [# of strips]

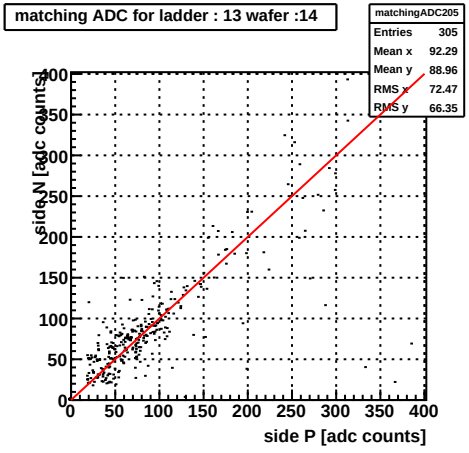

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

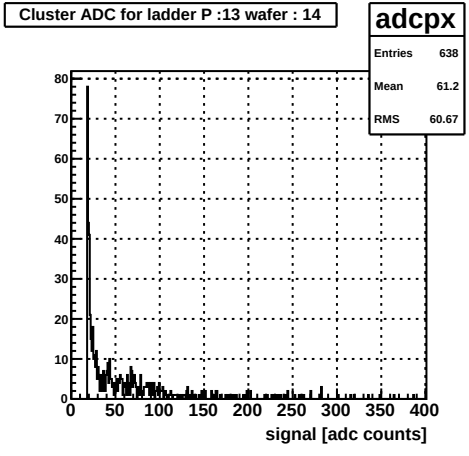

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 35
Mean 50.81
RMS 40.37
signal [adc counts]

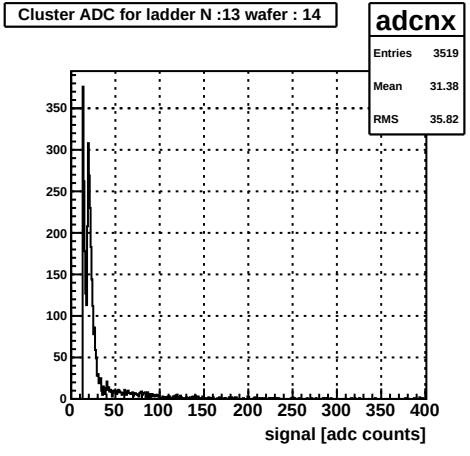

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 655
Mean 65.67
RMS 64.83
signal [adc counts]

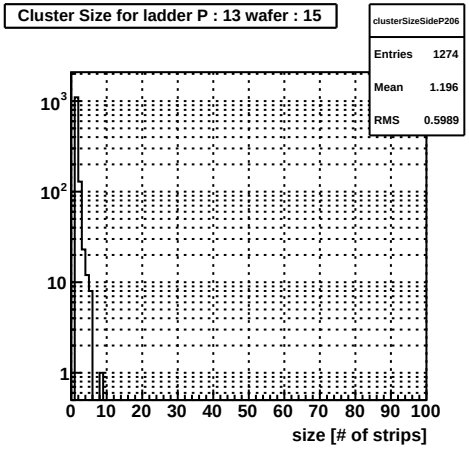

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 638
Mean 1.346
RMS 0.7326
size [# of strips]

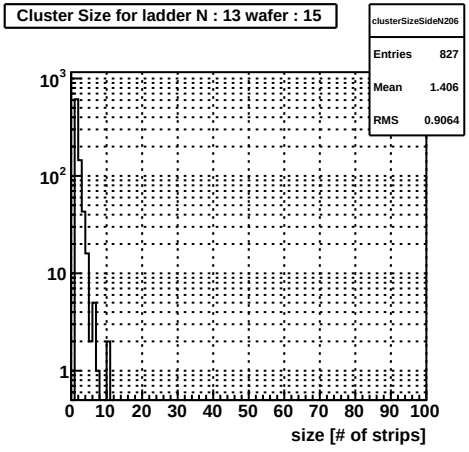

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3519
Mean 1.255
RMS 0.7764
size [# of strips]

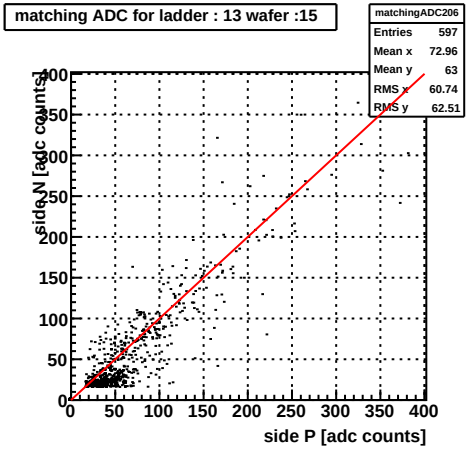

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 305
Mean x 92.29
Mean y 88.96
RMS x 72.47
RMS y 66.35
side N [adc counts]
side P [adc counts]

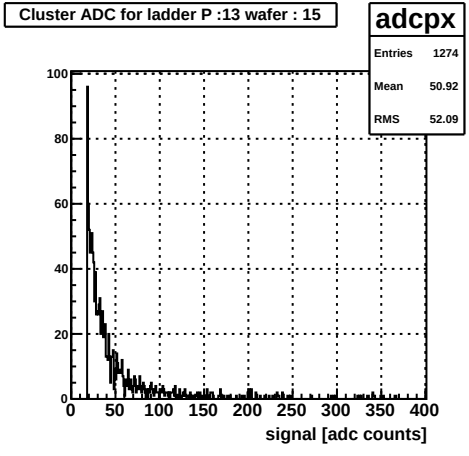

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 638
Mean 61.2
RMS 60.67
signal [adc counts]

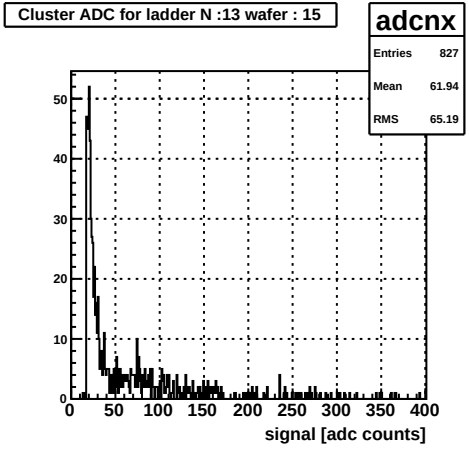

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3519
Mean 31.38
RMS 35.82
signal [adc counts]

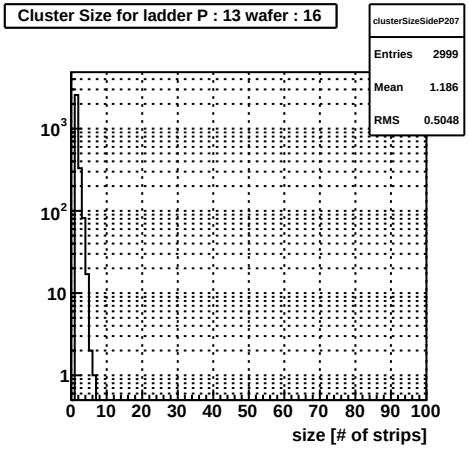

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1274
Mean 1.196
RMS 0.5989
size [# of strips]

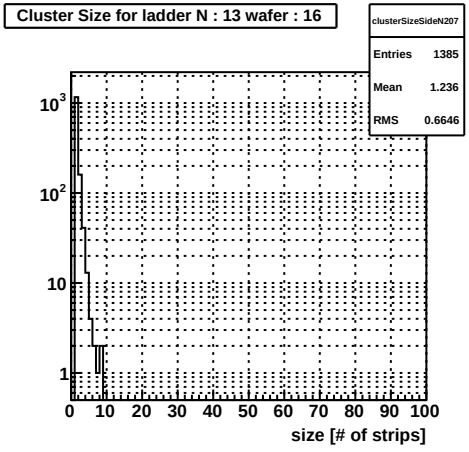

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 827
Mean 1.406
RMS 0.9064
size [# of strips]

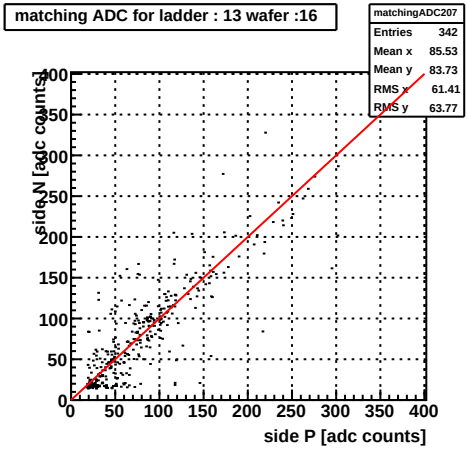

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 597
Mean x 72.96
Mean y 63
RMS x 60.74
RMS y 62.51
side N [adc counts]
side P [adc counts]

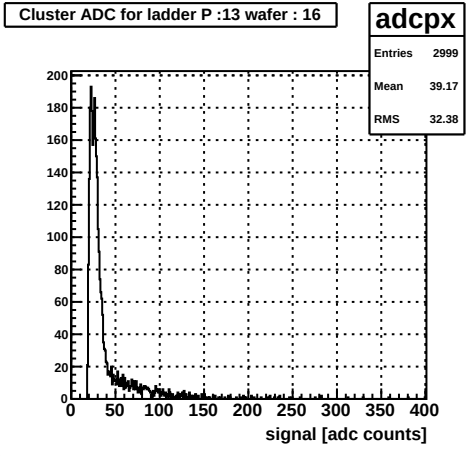

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1274
Mean 50.92
RMS 52.09
signal [adc counts]

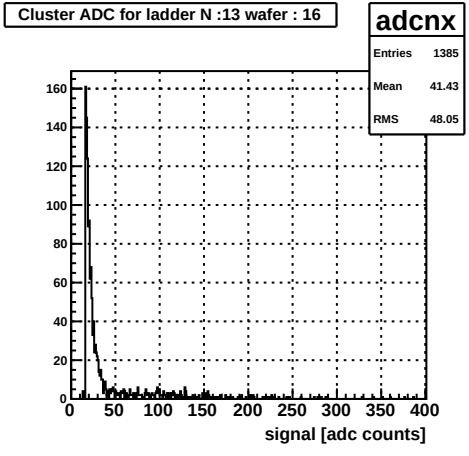

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 827
Mean 61.94
RMS 65.19
signal [adc counts]

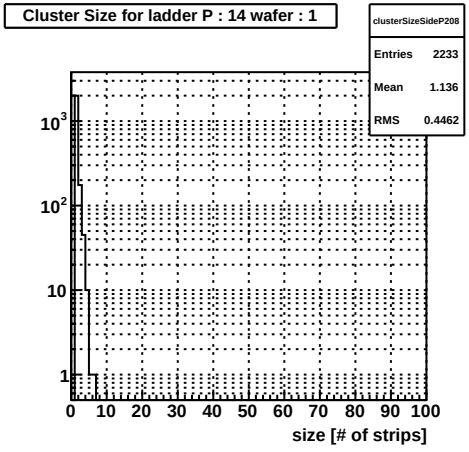

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 2999
Mean 1.186
RMS 0.5048
size [# of strips]

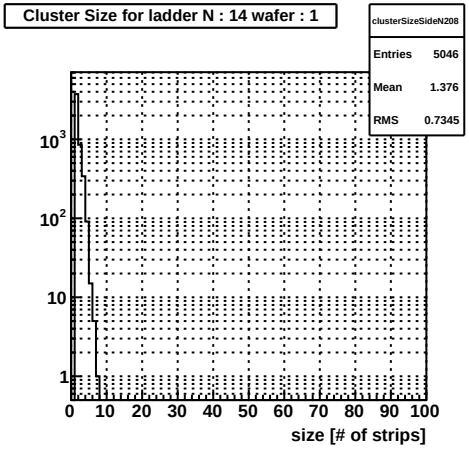

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1385
Mean 1.236
RMS 0.6646
size [# of strips]

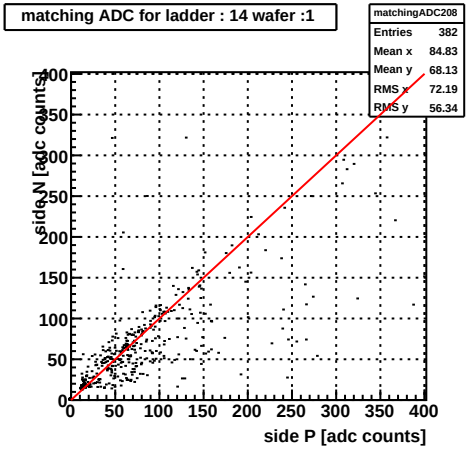

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 342
Mean x 85.53
Mean y 83.73
RMS x 61.41
RMS y 63.77
side N [adc counts]
side P [adc counts]

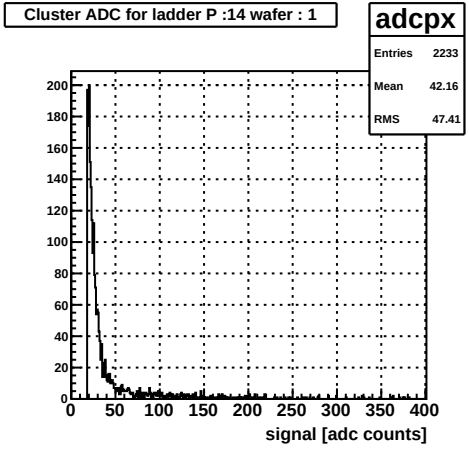

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 2999
Mean 39.17
RMS 32.38
signal [adc counts]

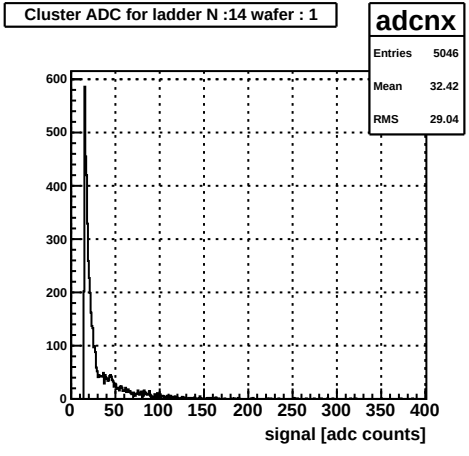

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1385
Mean 41.43
RMS 48.05
signal [adc counts]

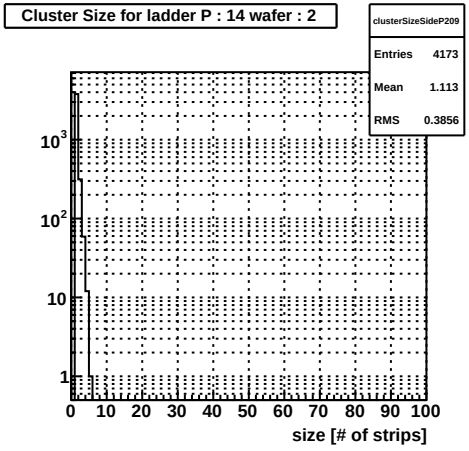

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2233
Mean 1.136
RMS 0.4462
size [# of strips]

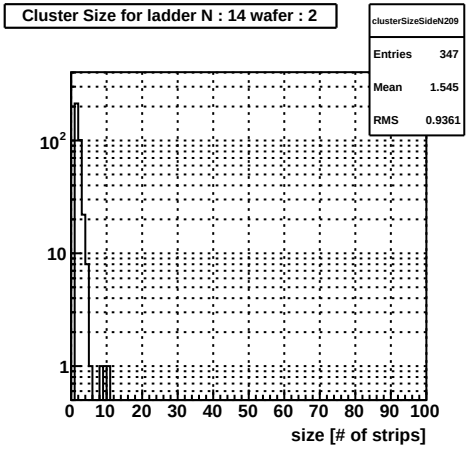

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 5046
Mean 1.376
RMS 0.7345
size [# of strips]

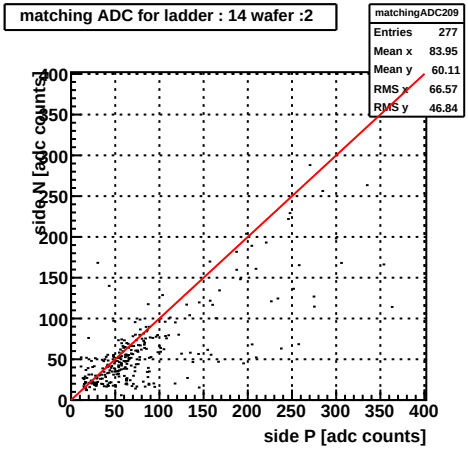

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 382
Mean x 84.83
Mean y 68.13
RMS x 72.19
RMS y 56.34
side N [adc counts]
side P [adc counts]

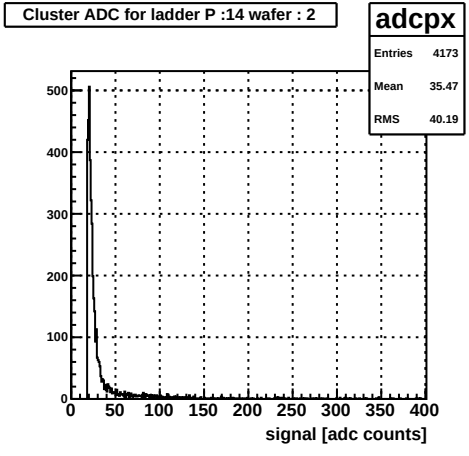

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2233
Mean 42.16
RMS 47.41
signal [adc counts]

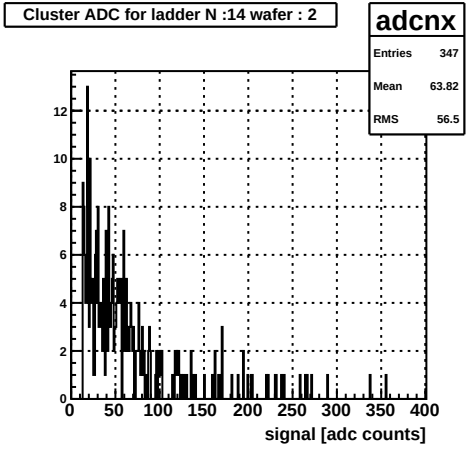

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 5046
Mean 32.42
RMS 29.04
signal [adc counts]

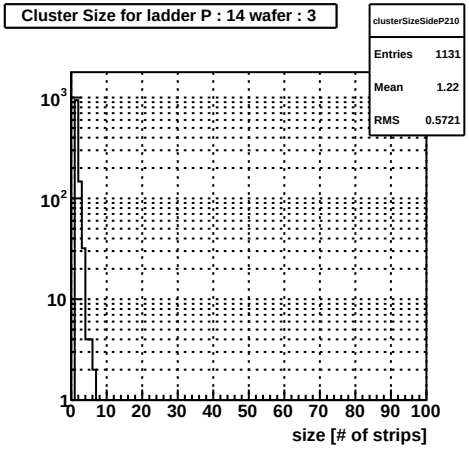

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4173
Mean 1.113
RMS 0.3856
size [# of strips]

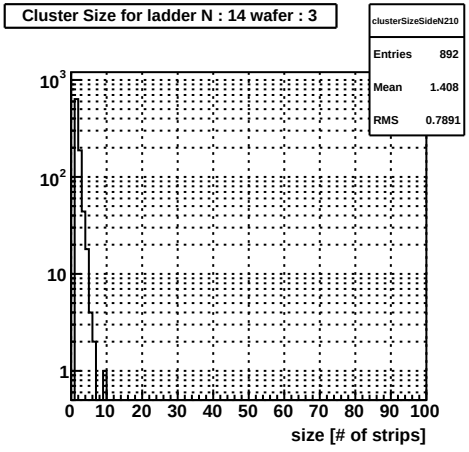

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 347
Mean 1.545
RMS 0.9361
size [# of strips]

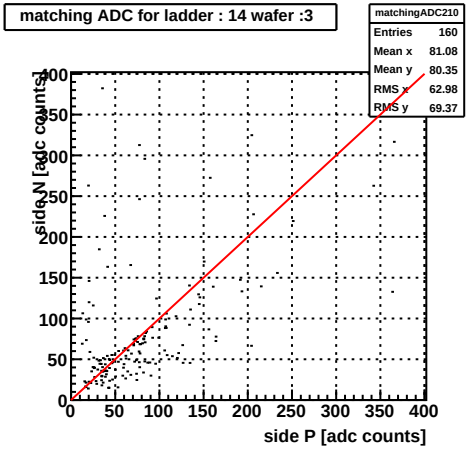

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 277
Mean x 83.95
Mean y 60.11
RMS x 66.57
RMS y 46.84
side N [adc counts]
side P [adc counts]

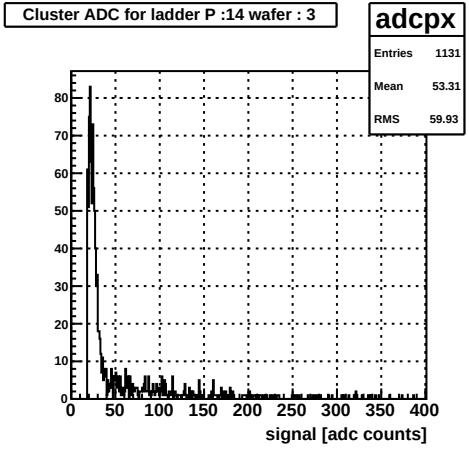

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4173
Mean 35.47
RMS 40.19
signal [adc counts]

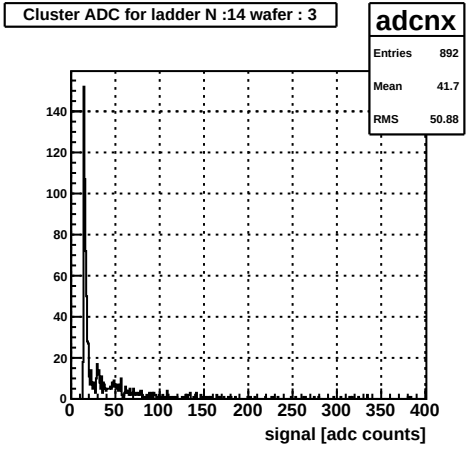

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 347
Mean 63.82
RMS 56.5
signal [adc counts]

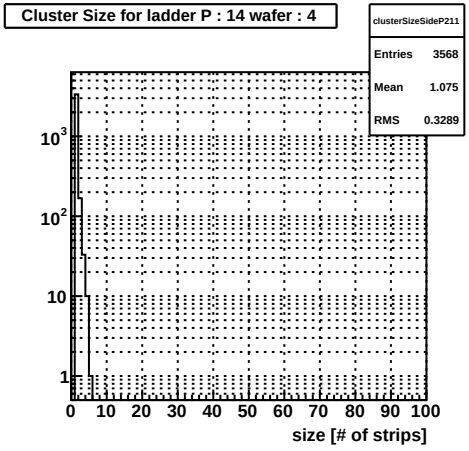

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1131
Mean 1.22
RMS 0.5721
size [# of strips]

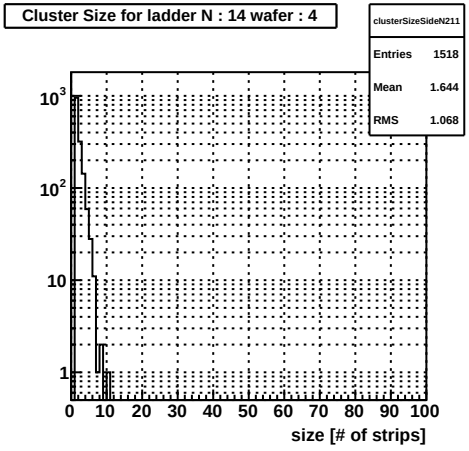

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 892
Mean 1.408
RMS 0.7891
size [# of strips]

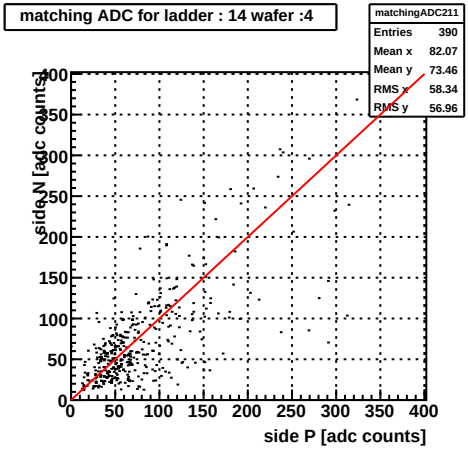

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 160
Mean x 81.08
Mean y 80.35
RMS x 62.98
RMS y 69.37
side N [adc counts]
side P [adc counts]

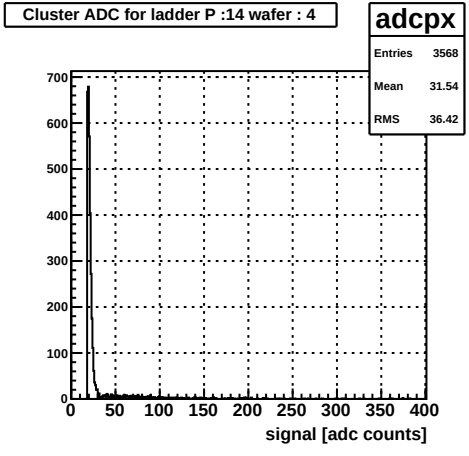

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1131
Mean 53.31
RMS 59.93
signal [adc counts]

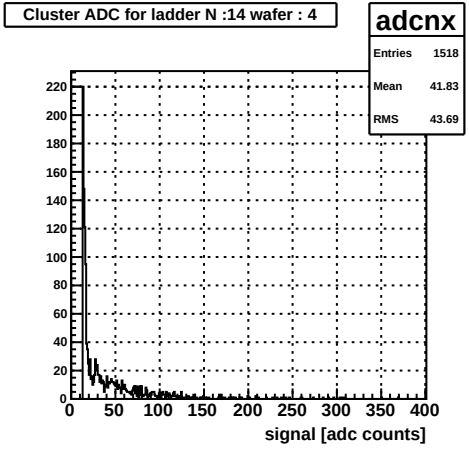

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 892
Mean 41.7
RMS 50.88
signal [adc counts]

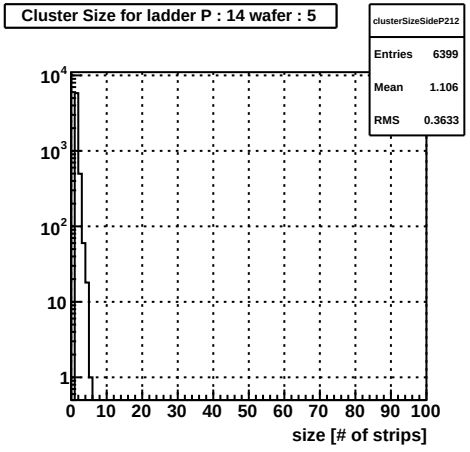

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3568
Mean 1.075
RMS 0.3289
size [# of strips]

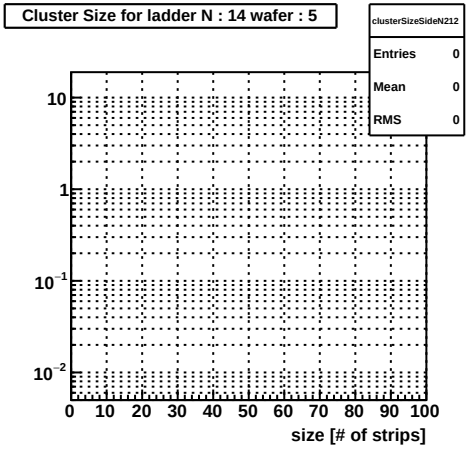

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1518
Mean 1.644
RMS 1.068
size [# of strips]

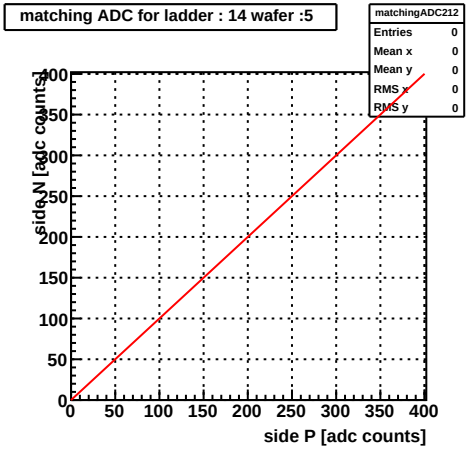

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 390
Mean x 82.07
Mean y 73.46
RMS x 58.34
RMS y 56.96
side N [adc counts]
side P [adc counts]

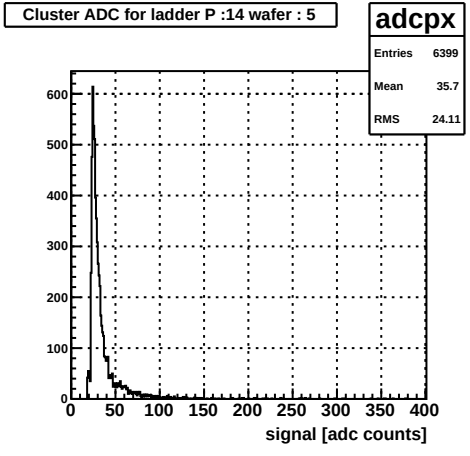

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3568
Mean 31.54
RMS 36.42
signal [adc counts]

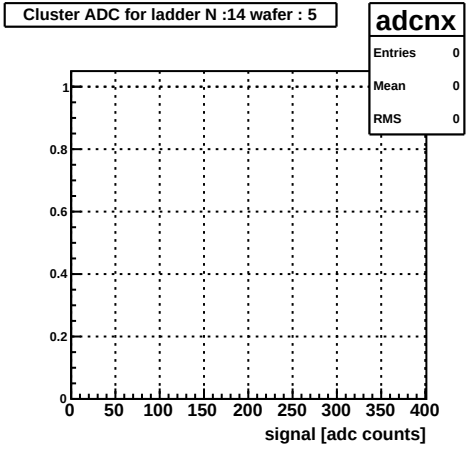

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1518
Mean 41.83
RMS 43.69
signal [adc counts]

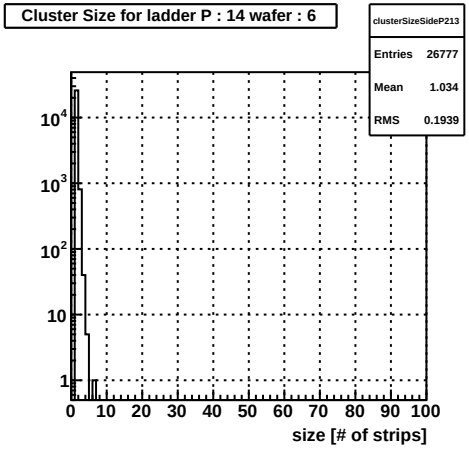

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6399
Mean 1.106
RMS 0.3633
size [# of strips]

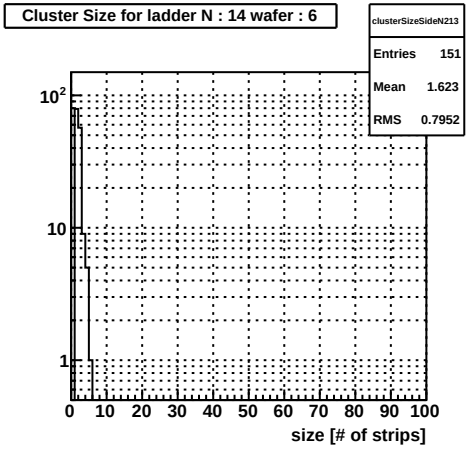

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

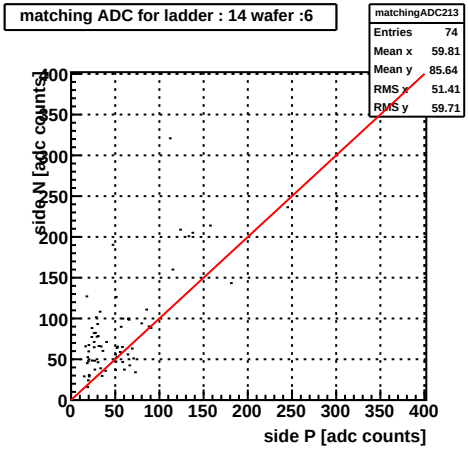

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

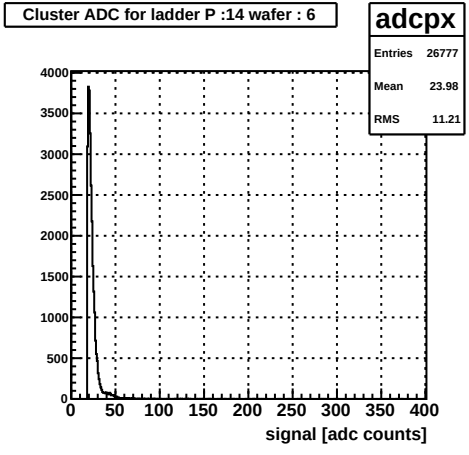

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6399
Mean 35.7
RMS 24.11
signal [adc counts]

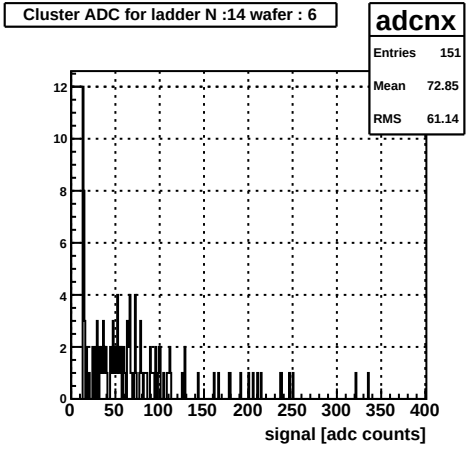

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

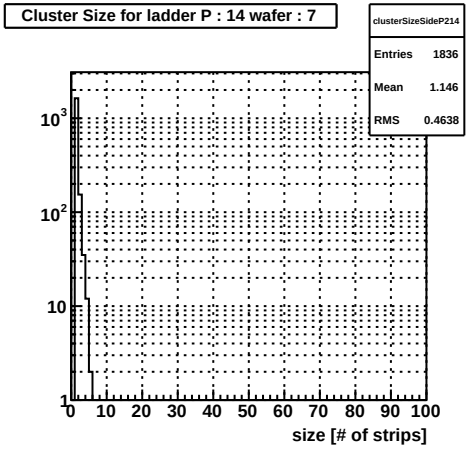

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 26777
Mean 1.034
RMS 0.1939
size [# of strips]

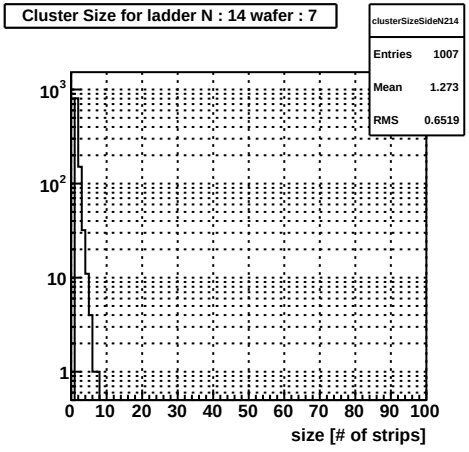

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 151
Mean 1.623
RMS 0.7952
size [# of strips]

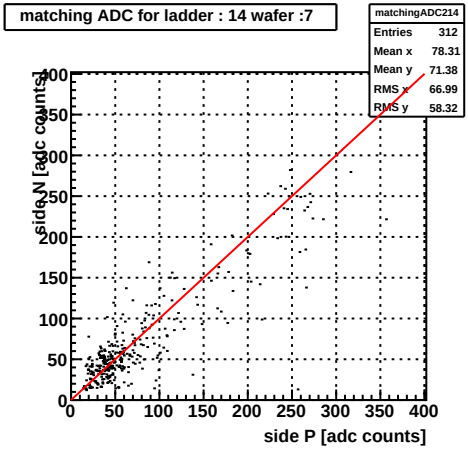

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 74
Mean x 59.81
Mean y 85.64
RMS x 51.41
RMS y 59.71
side N [adc counts]
side P [adc counts]

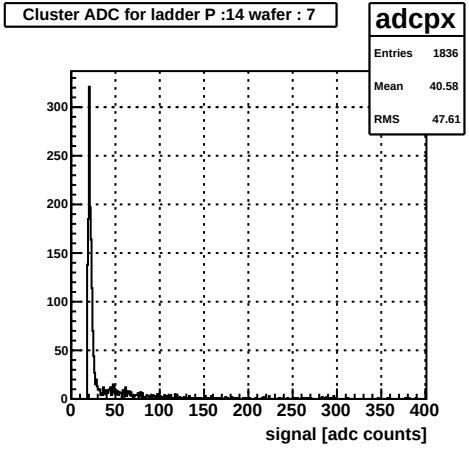

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 26777
Mean 23.98
RMS 11.21
signal [adc counts]

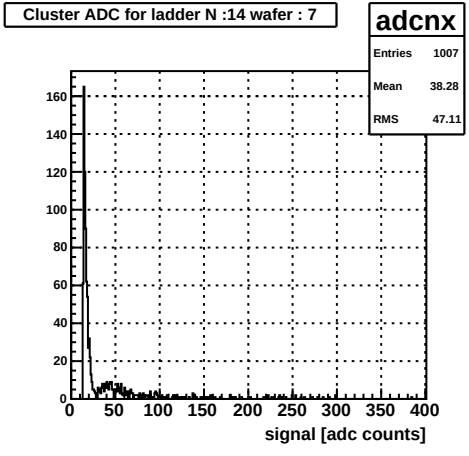

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 151
Mean 72.85
RMS 61.14
signal [adc counts]

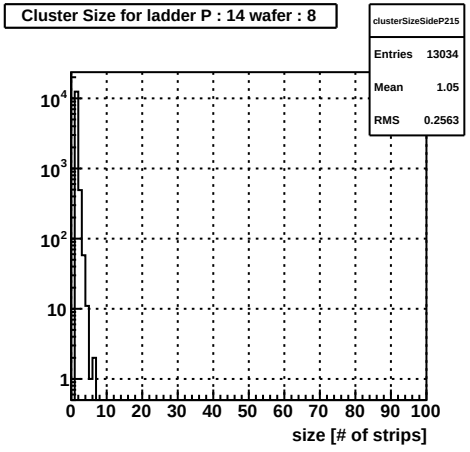

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1836
Mean 1.146
RMS 0.4638
size [# of strips]

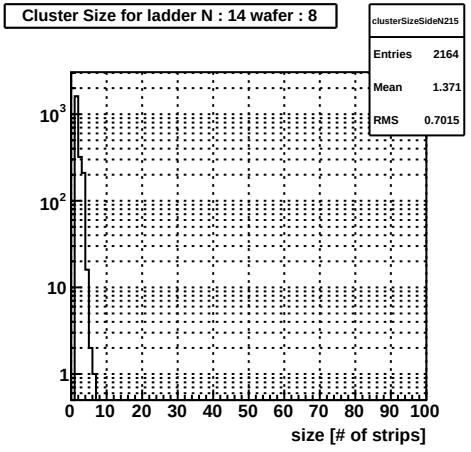

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1007
Mean 1.273
RMS 0.6519
size [# of strips]

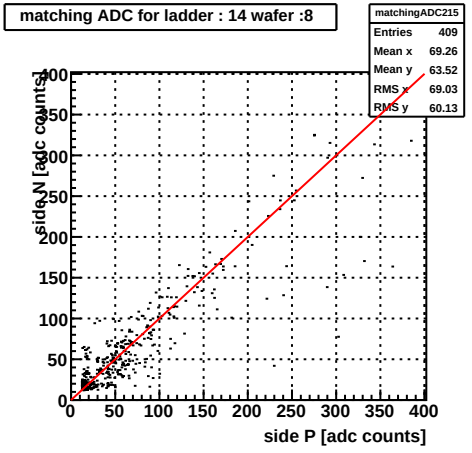

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 312
Mean x 78.31
Mean y 71.38
RMS x 66.99
RMS y 58.32
side N [adc counts]
side P [adc counts]

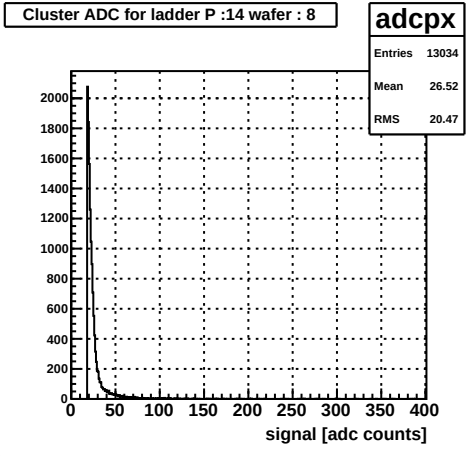

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1836
Mean 40.58
RMS 47.61
signal [adc counts]

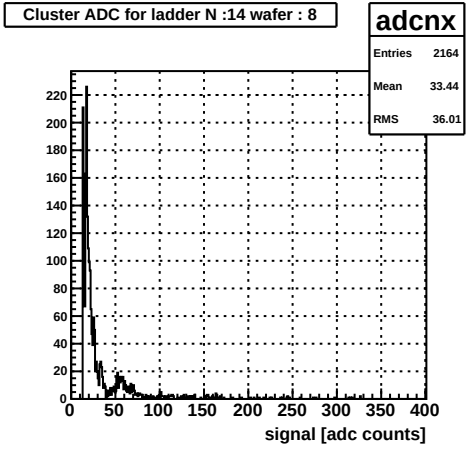

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1007
Mean 38.28
RMS 47.11
signal [adc counts]

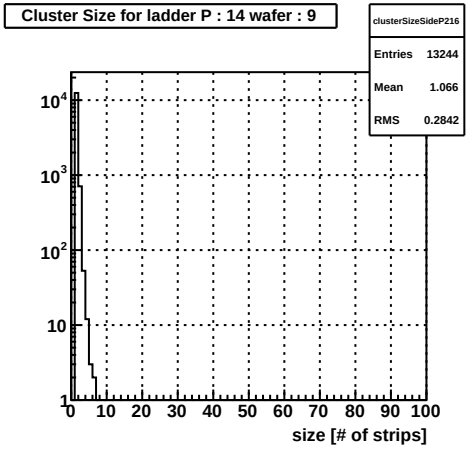

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13034
Mean 1.05
RMS 0.2563
size [# of strips]

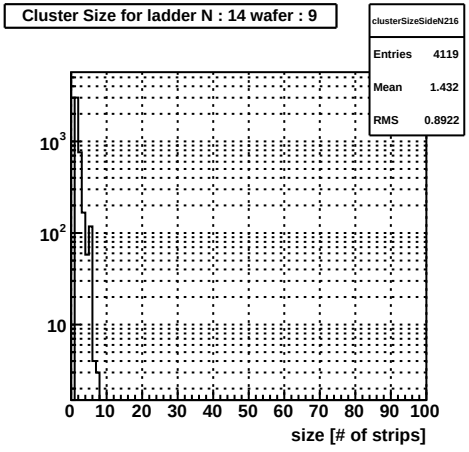

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2164
Mean 1.371
RMS 0.7015
size [# of strips]

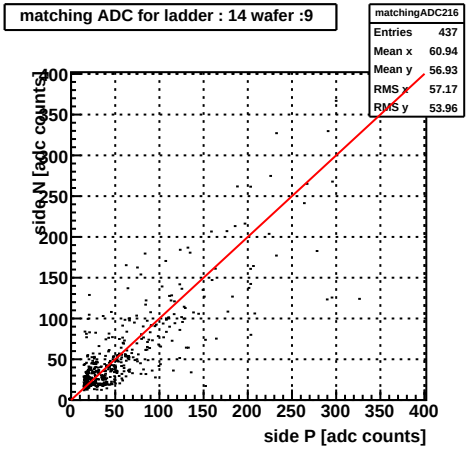

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 409
Mean x 69.26
Mean y 63.52
RMS x 69.03
RMS y 60.13
side N [adc counts]
side P [adc counts]

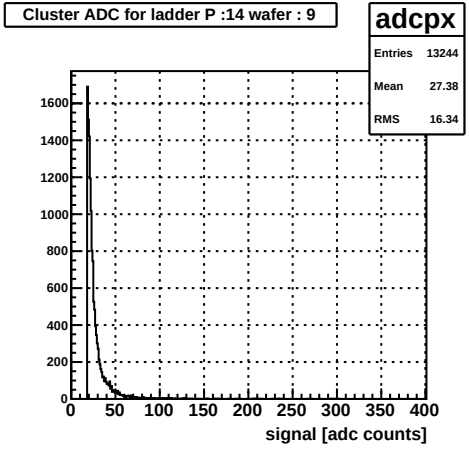

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13034
Mean 26.52
RMS 20.47
signal [adc counts]

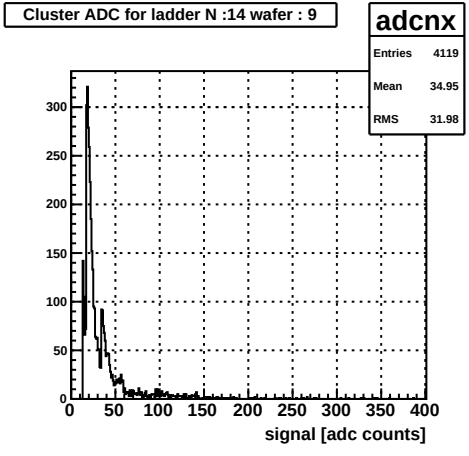

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2164
Mean 33.44
RMS 36.01
signal [adc counts]

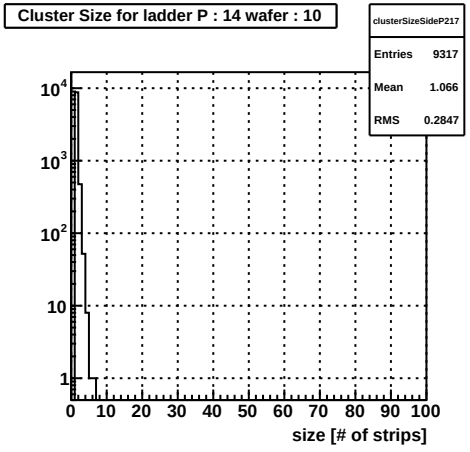

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13244
Mean 1.066
RMS 0.2842
size [# of strips]

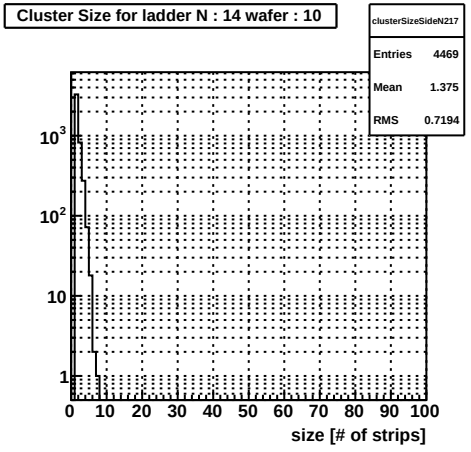

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 4119
Mean 1.432
RMS 0.8922
size [# of strips]

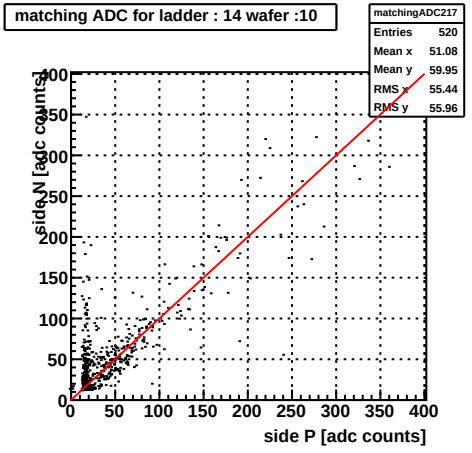

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 437
Mean x 60.94
Mean y 56.93
RMS x 57.17
RMS y 53.96
side N [adc counts]
side P [adc counts]

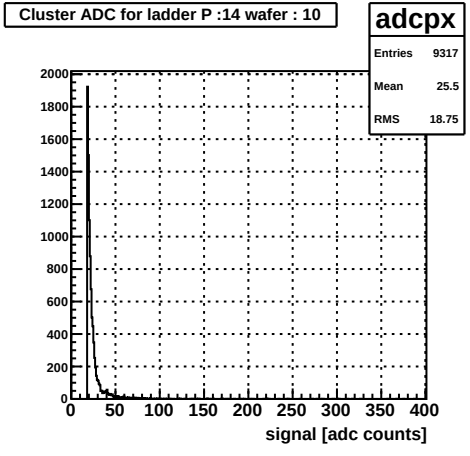

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13244
Mean 27.38
RMS 16.34
signal [adc counts]

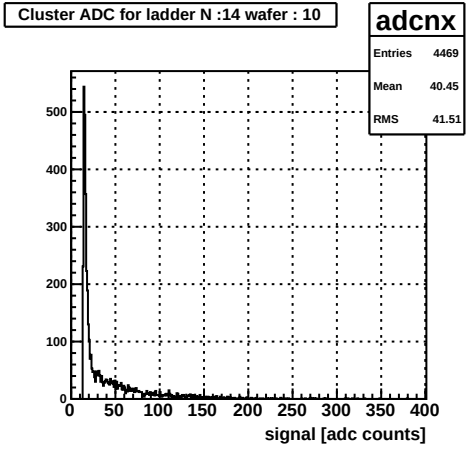

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 4119
Mean 34.95
RMS 31.98
signal [adc counts]

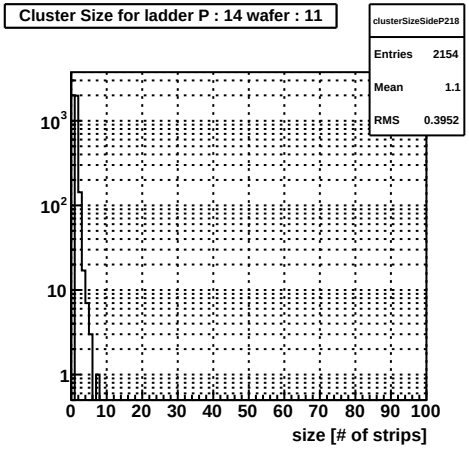

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9317
Mean 1.066
RMS 0.2847
size [# of strips]

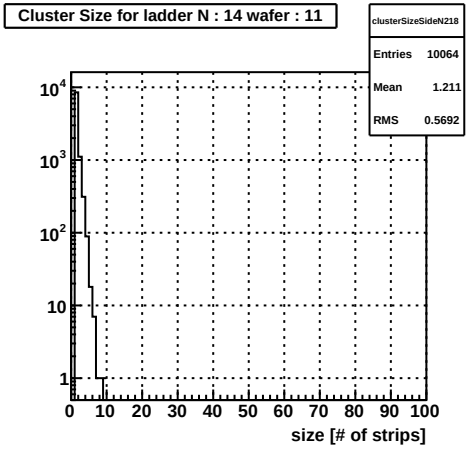

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4469
Mean 1.375
RMS 0.7194
size [# of strips]

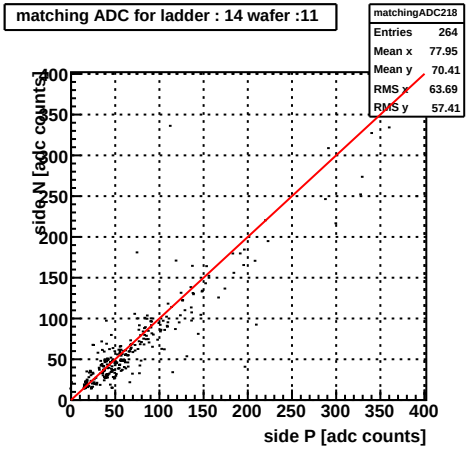

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 520
Mean x 51.08
Mean y 59.95
RMS x 55.44
RMS y 55.96
side N [adc counts]
side P [adc counts]

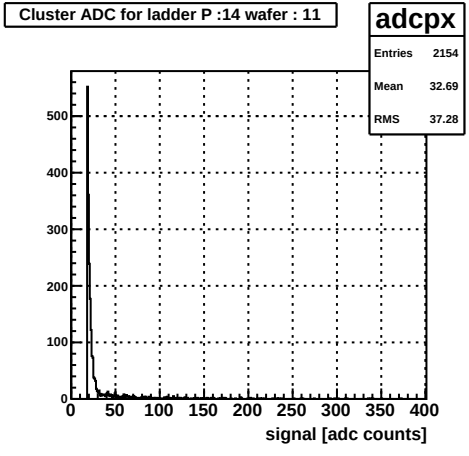

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9317
Mean 25.5
RMS 18.75
signal [adc counts]

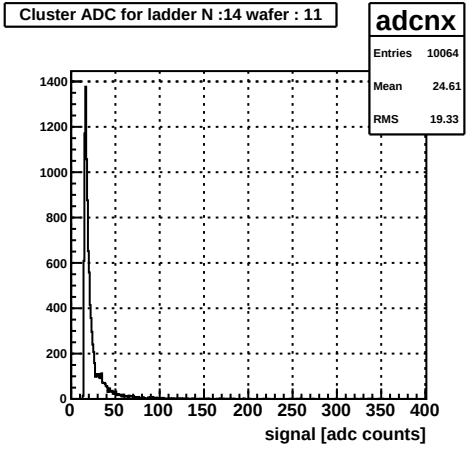

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4469
Mean 40.45
RMS 41.51
signal [adc counts]

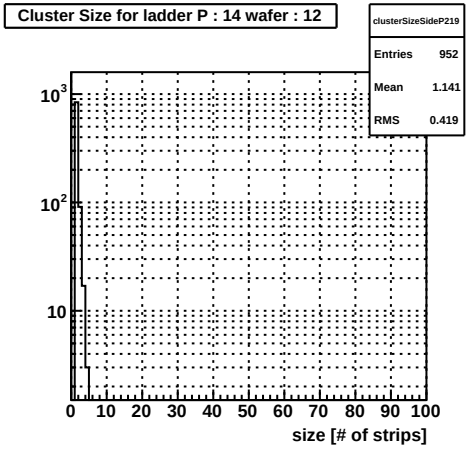

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2154
Mean 1.1
RMS 0.3952
size [# of strips]

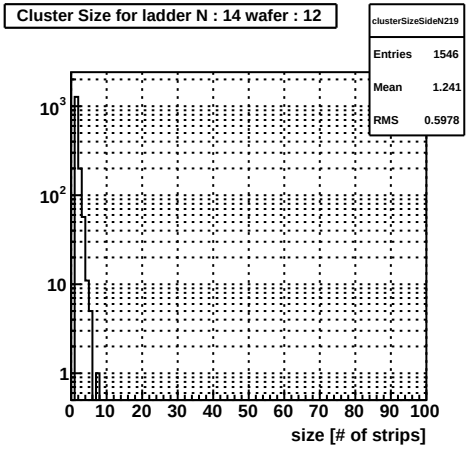

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10064
Mean 1.211
RMS 0.5692
size [# of strips]

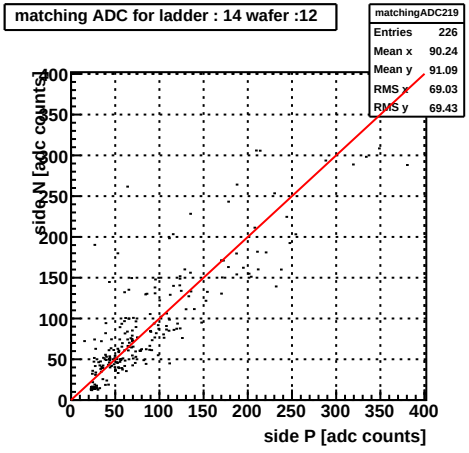

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 264
Mean x 77.95
Mean y 70.41
RMS x 63.69
RMS y 57.41
side N [adc counts]
side P [adc counts]

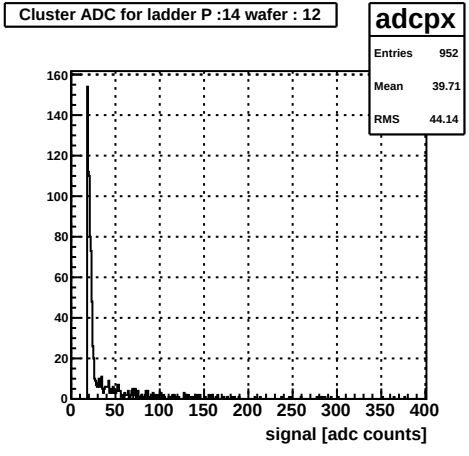

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2154
Mean 32.69
RMS 37.28
signal [adc counts]

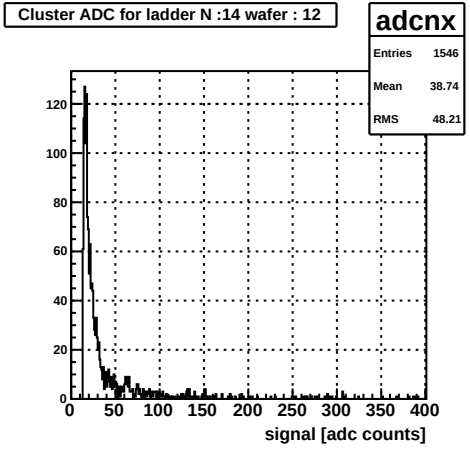

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10064
Mean 24.61
RMS 19.33
signal [adc counts]

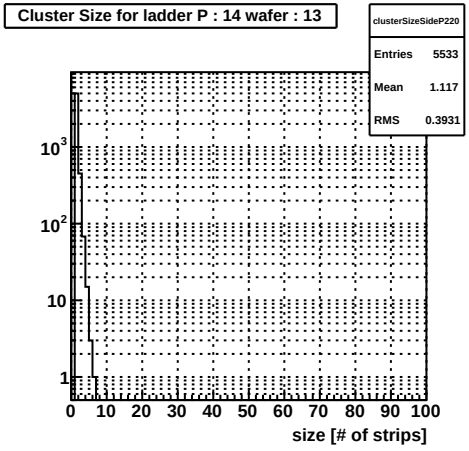

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 952
Mean 1.141
RMS 0.419
size [# of strips]

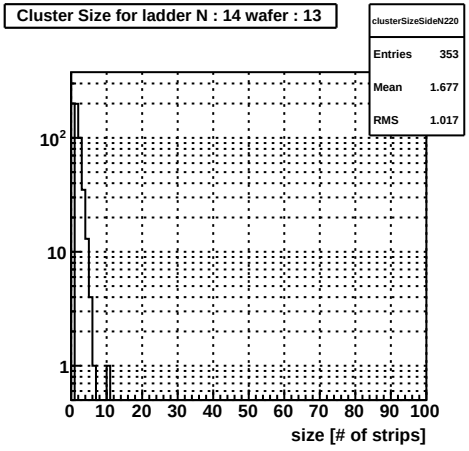

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1546
Mean 1.241
RMS 0.5978
size [# of strips]

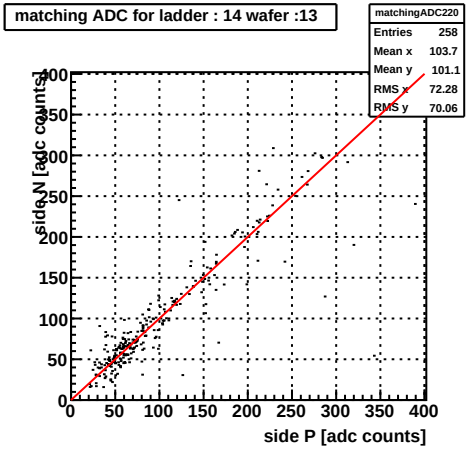

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 226
Mean x 90.24
Mean y 91.09
RMS x 69.03
RMS y 69.43
side N [adc counts]
side P [adc counts]

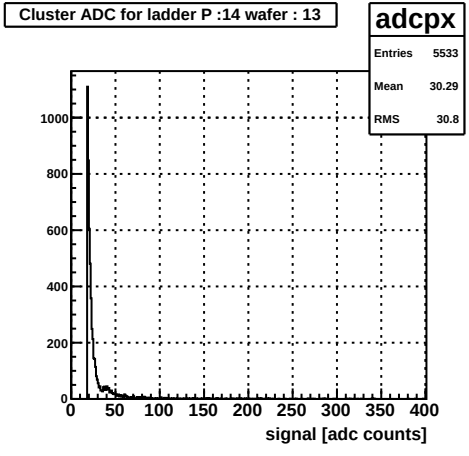

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 952
Mean 39.71
RMS 44.14
signal [adc counts]

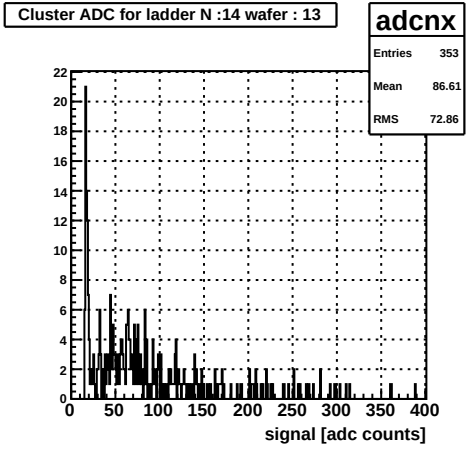

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1546
Mean 38.74
RMS 48.21
signal [adc counts]

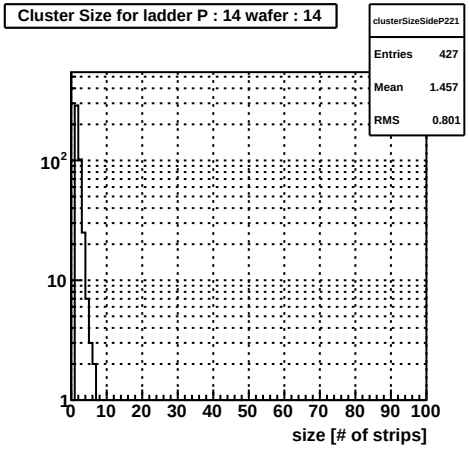

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5533
Mean 1.117
RMS 0.3931
size [# of strips]

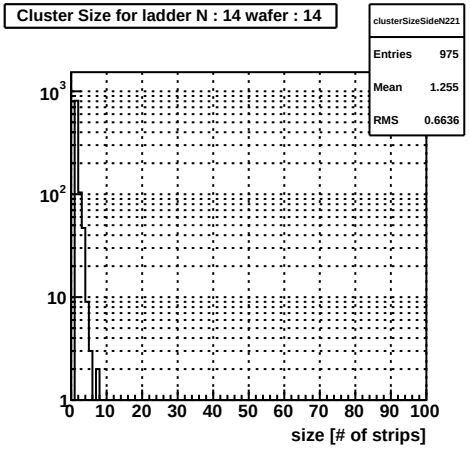

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 353
Mean 1.677
RMS 1.017
size [# of strips]

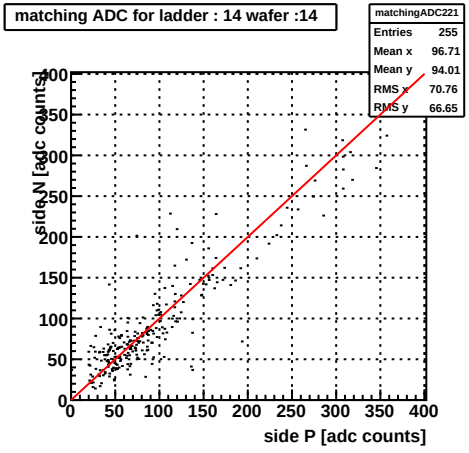

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 258
Mean x 103.7
Mean y 101.1
RMS x 72.28
RMS y 70.06
side N [adc counts]
side P [adc counts]

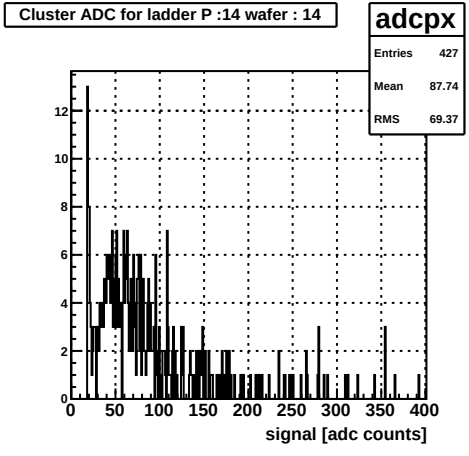

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5533
Mean 30.29
RMS 30.8
signal [adc counts]

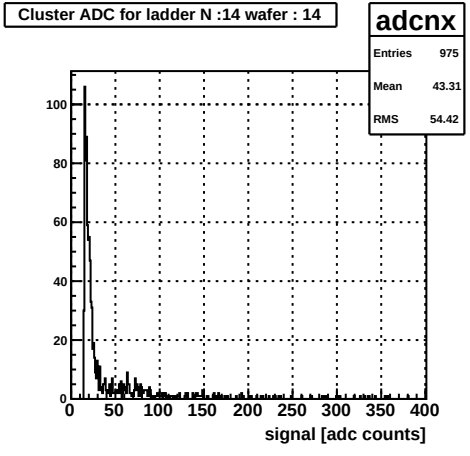

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 353
Mean 86.61
RMS 72.86
signal [adc counts]

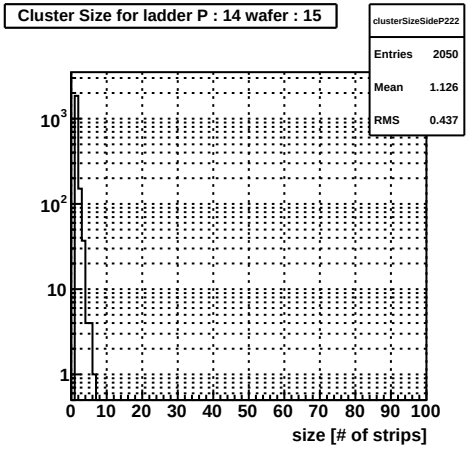

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 427
Mean 1.457
RMS 0.801
size [# of strips]

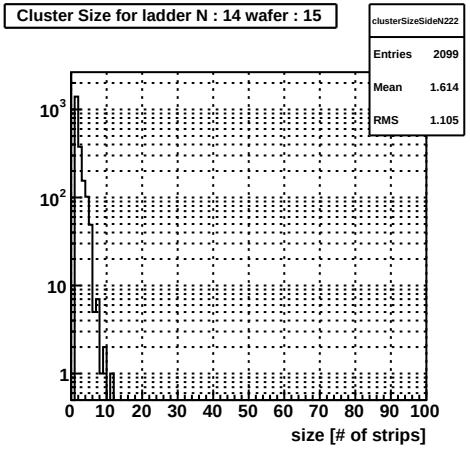

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 975
Mean 1.255
RMS 0.6636
size [# of strips]

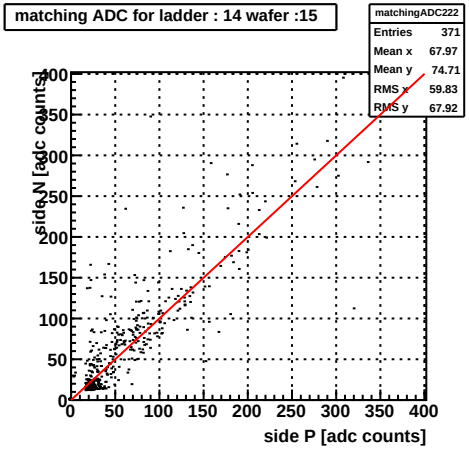

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 255
Mean x 96.71
Mean y 94.01
RMS x 70.76
RMS y 66.65
side N [adc counts]
side P [adc counts]

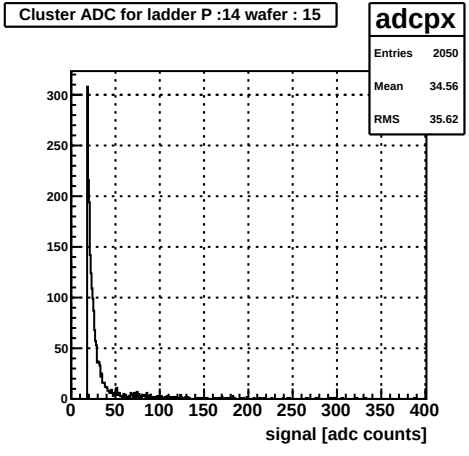

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 427
Mean 87.74
RMS 69.37
signal [adc counts]

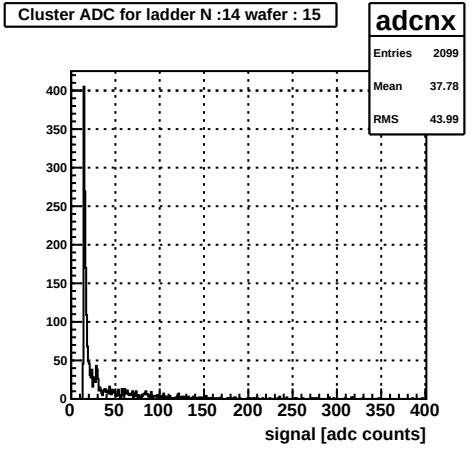

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 975
Mean 43.31
RMS 54.42
signal [adc counts]

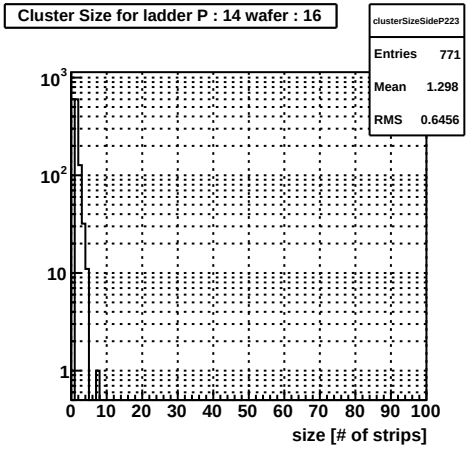

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2050
Mean 1.126
RMS 0.437
size [# of strips]

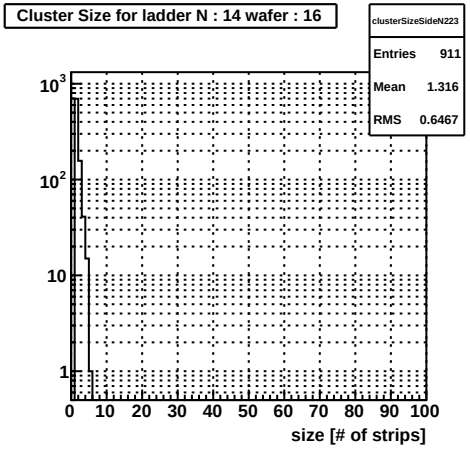

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2099
Mean 1.614
RMS 1.105
size [# of strips]

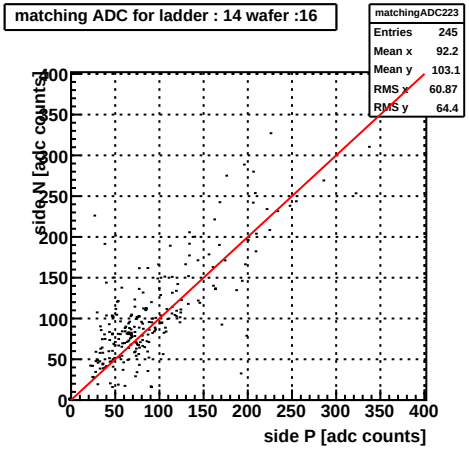

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 371
Mean x 67.97
Mean y 74.71
RMS x 59.83
RMS y 67.92
side N [adc counts]
side P [adc counts]

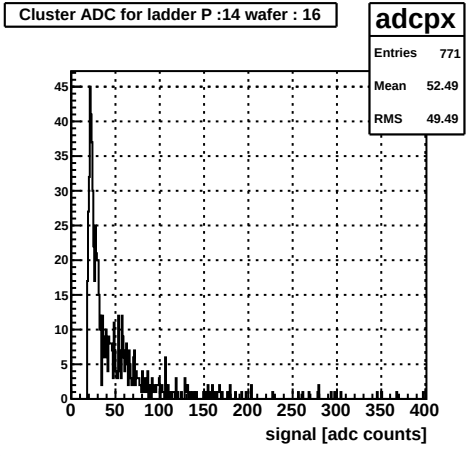

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2050
Mean 34.56
RMS 35.62
signal [adc counts]

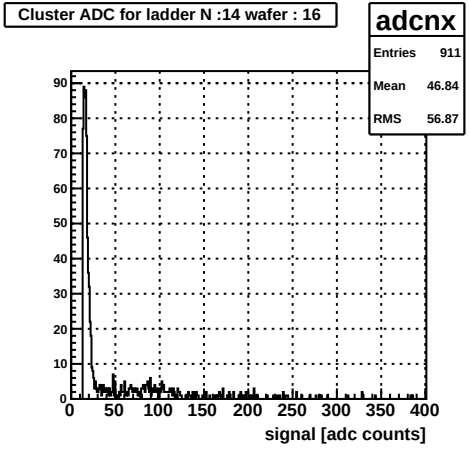

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2099
Mean 37.78
RMS 43.99
signal [adc counts]

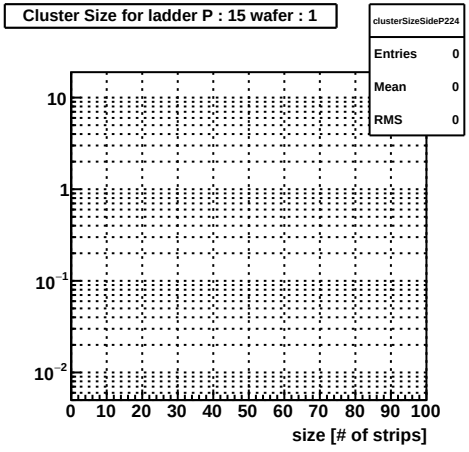

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 771
Mean 1.298
RMS 0.6456
size [# of strips]

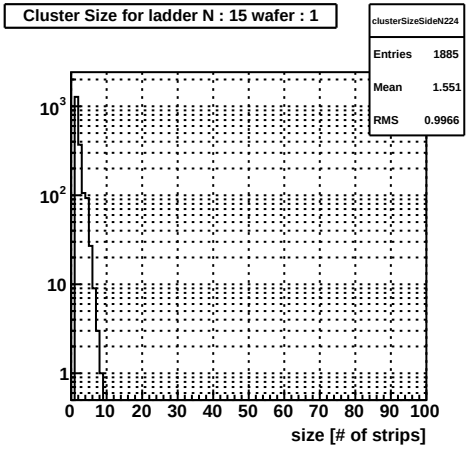

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 911
Mean 1.316
RMS 0.6467
size [# of strips]

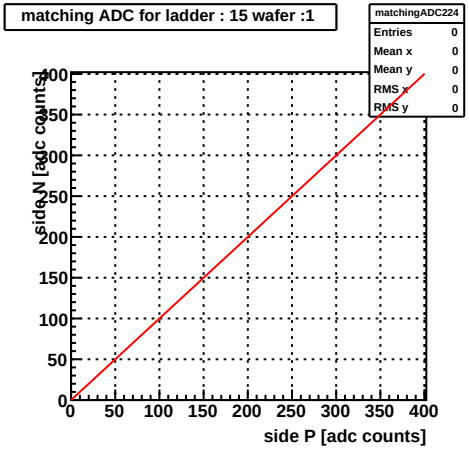

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 245
Mean x 92.2
Mean y 103.1
RMS x 60.87
RMS y 64.4
side N [adc counts]
side P [adc counts]

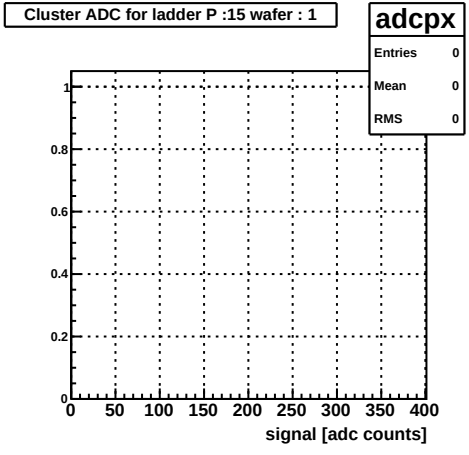

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 771
Mean 52.49
RMS 49.49
signal [adc counts]

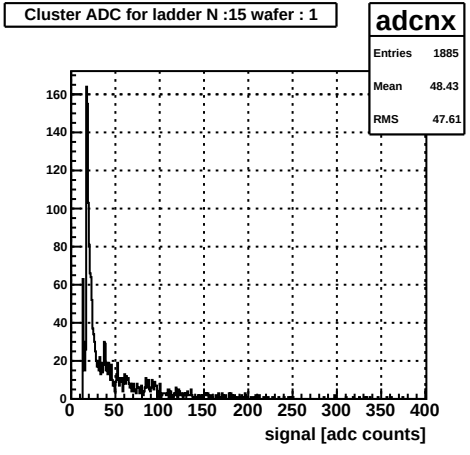

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 911
Mean 46.84
RMS 56.87
signal [adc counts]

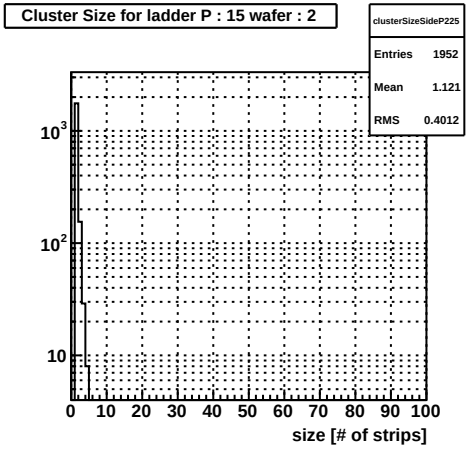

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

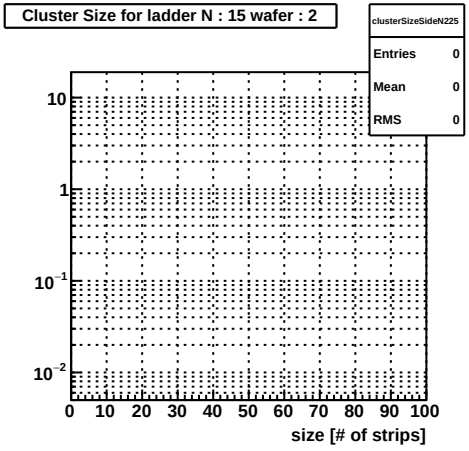

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1885
Mean 1.551
RMS 0.9966
size [# of strips]

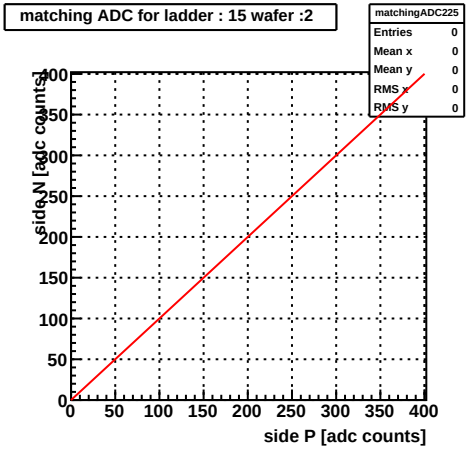

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

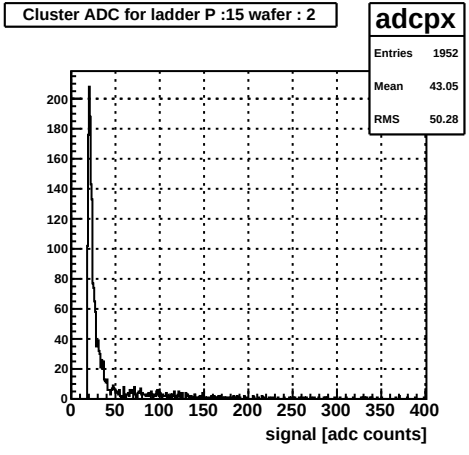

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

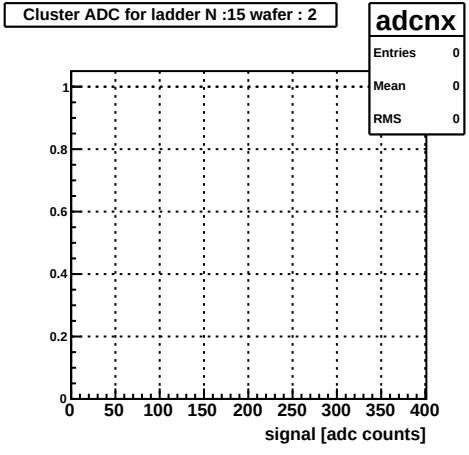

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1885
Mean 48.43
RMS 47.61
signal [adc counts]

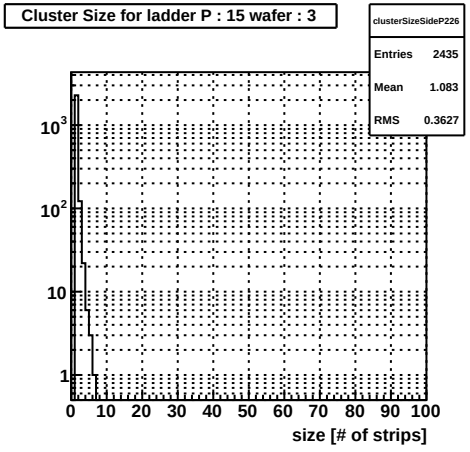

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1952
Mean 1.121
RMS 0.4012
size [# of strips]

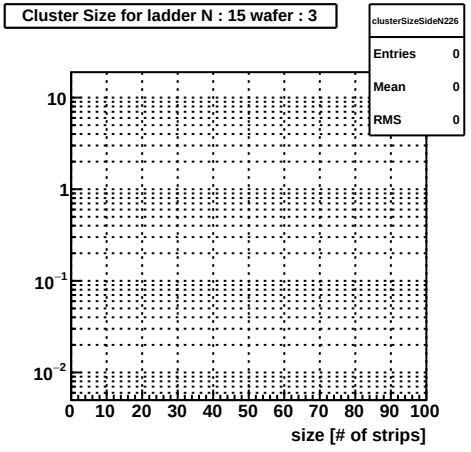

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

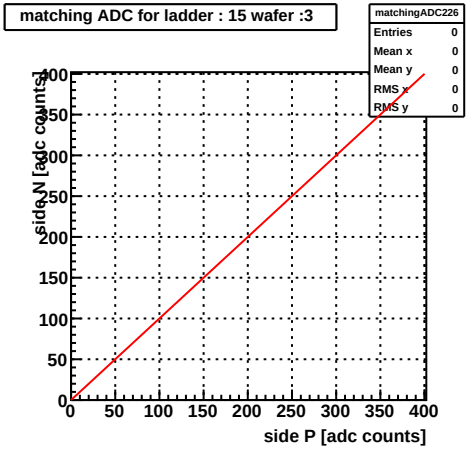

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

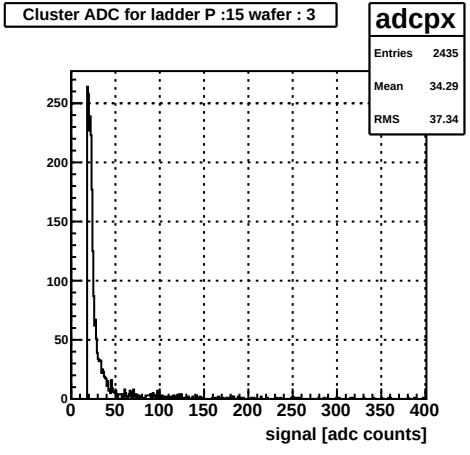

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1952
Mean 43.05
RMS 50.28
signal [adc counts]

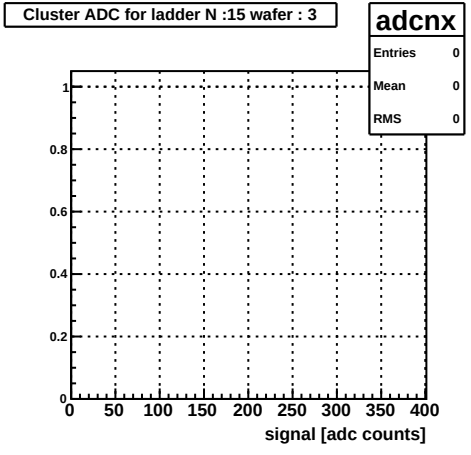

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

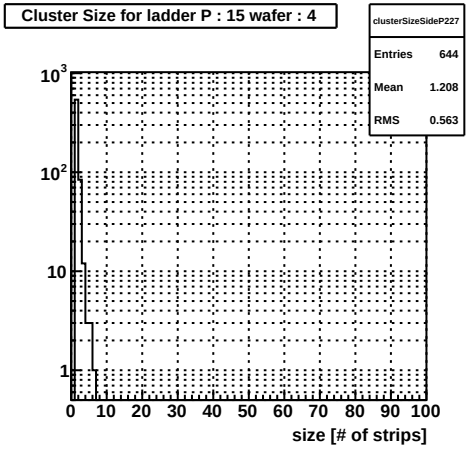

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2435
Mean 1.083
RMS 0.3627
size [# of strips]

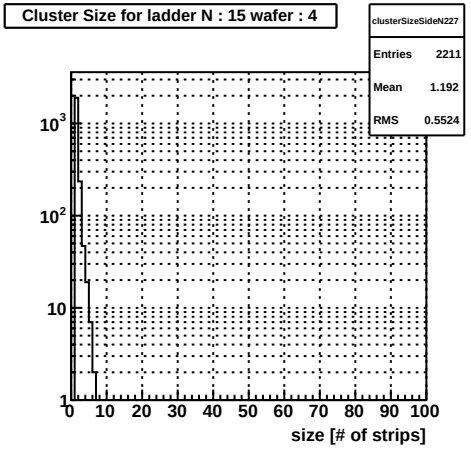

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

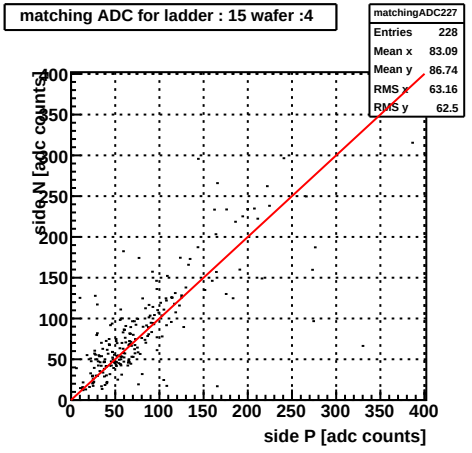

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

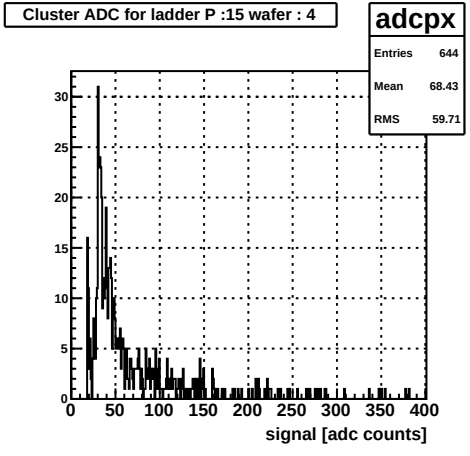

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2435
Mean 34.29
RMS 37.34
signal [adc counts]

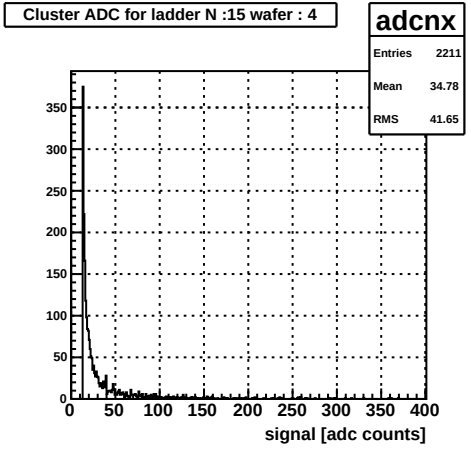

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

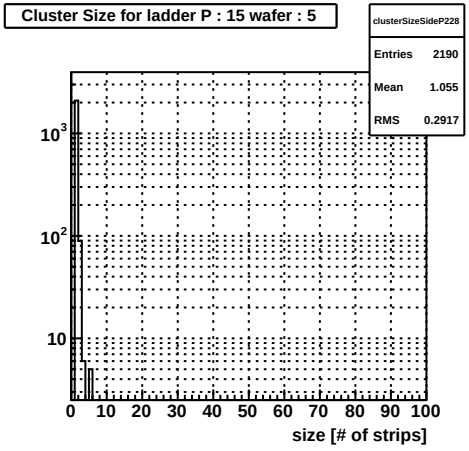

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 644
Mean 1.208
RMS 0.563
size [# of strips]

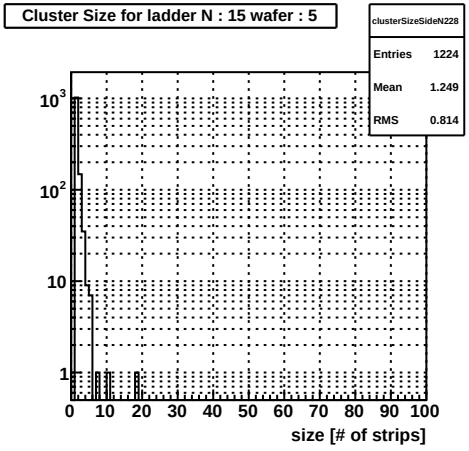

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2211
Mean 1.192
RMS 0.5524
size [# of strips]

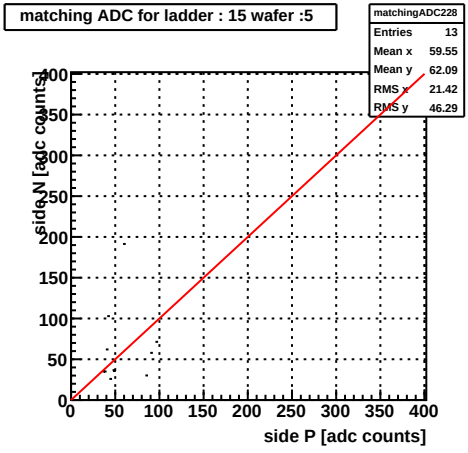

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 228
Mean x 83.09
Mean y 86.74
RMS x 63.16
RMS y 62.5
side N [adc counts]
side P [adc counts]

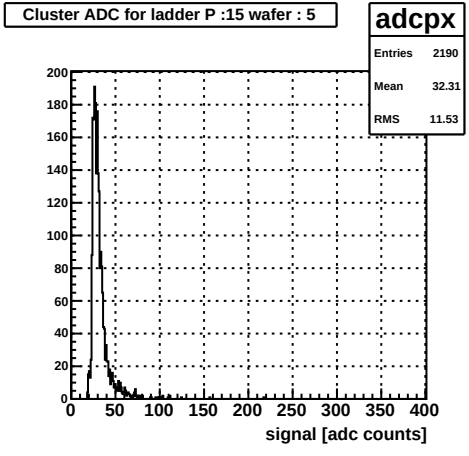

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 644
Mean 68.43
RMS 59.71
signal [adc counts]

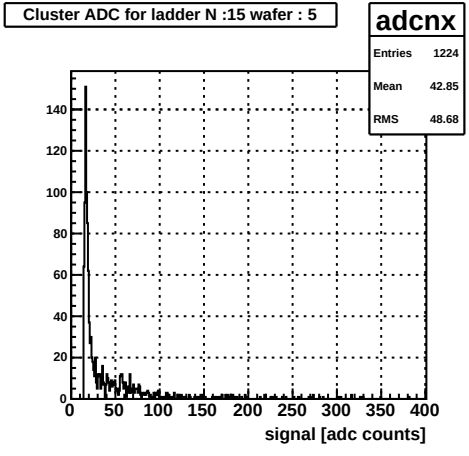

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2211
Mean 34.78
RMS 41.65
signal [adc counts]

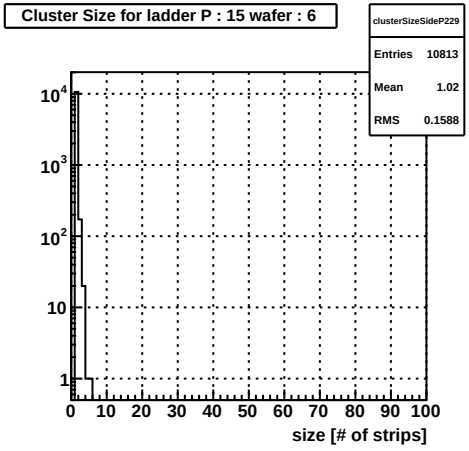

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2190
Mean 1.055
RMS 0.2917
size [# of strips]

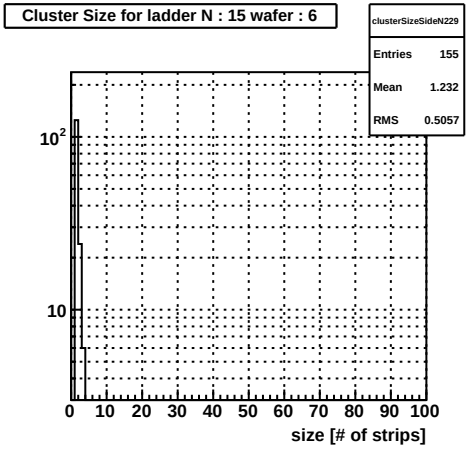

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1224
Mean 1.249
RMS 0.814
size [# of strips]

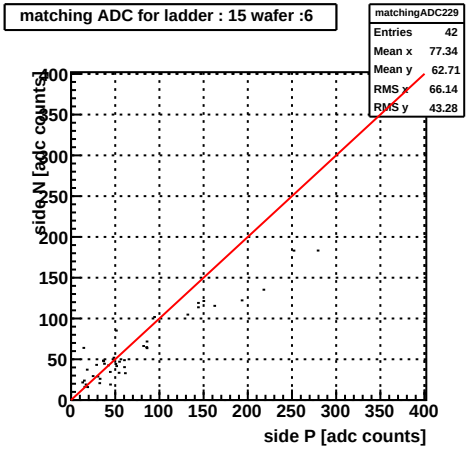

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 13
Mean x 59.55
Mean y 62.09
RMS x 21.42
RMS y 46.29
side N [adc counts]
side P [adc counts]

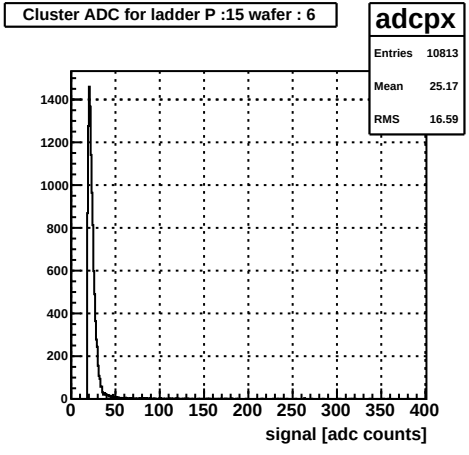

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2190
Mean 32.31
RMS 11.53
signal [adc counts]

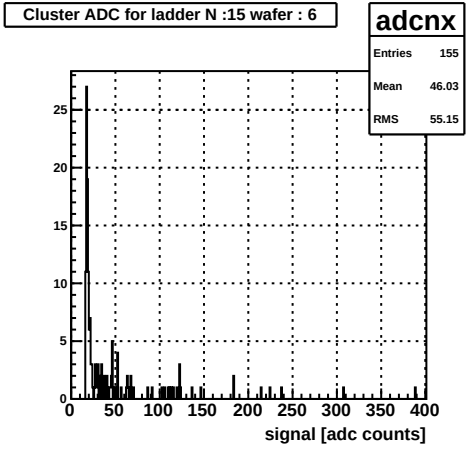

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1224
Mean 42.85
RMS 48.68
signal [adc counts]

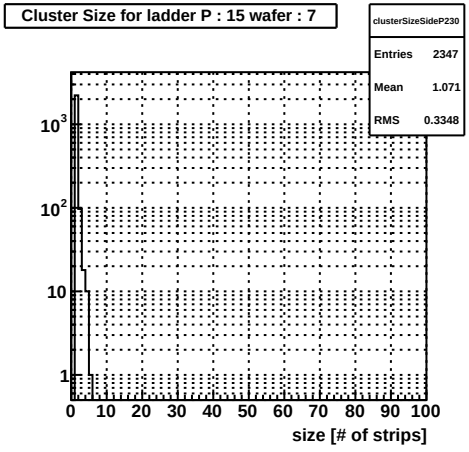

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10813
Mean 1.02
RMS 0.1588
size [# of strips]

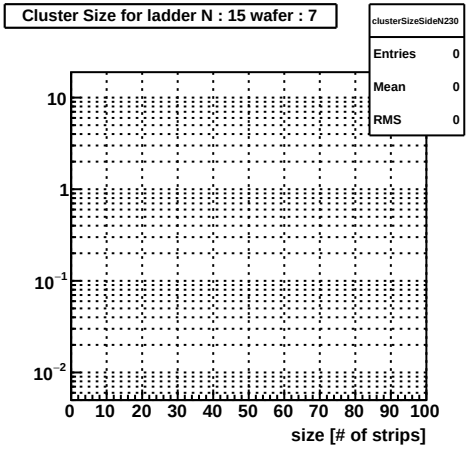

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 155
Mean 1.232
RMS 0.5057
size [# of strips]

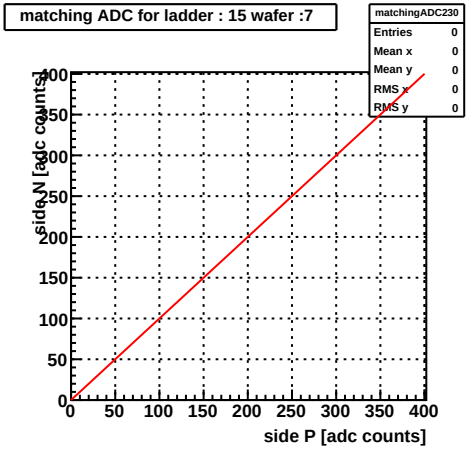

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 42
Mean x 77.34
Mean y 62.71
RMS x 66.14
RMS y 43.28
side N [adc counts]
side P [adc counts]

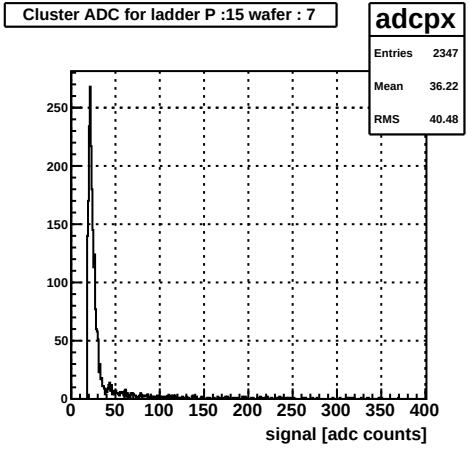

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10813
Mean 25.17
RMS 16.59
signal [adc counts]

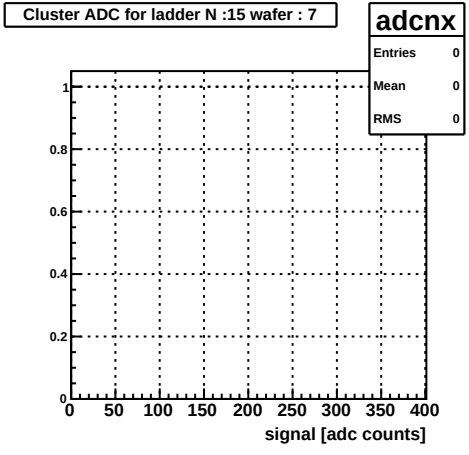

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 155
Mean 46.03
RMS 55.15
signal [adc counts]

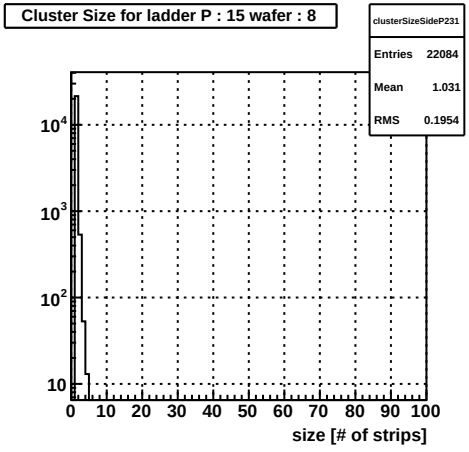

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2347
Mean 1.071
RMS 0.3348
size [# of strips]

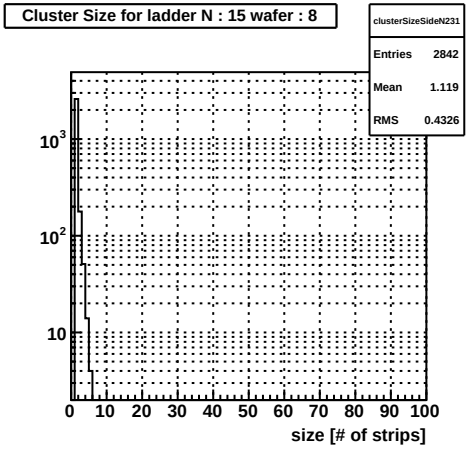

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

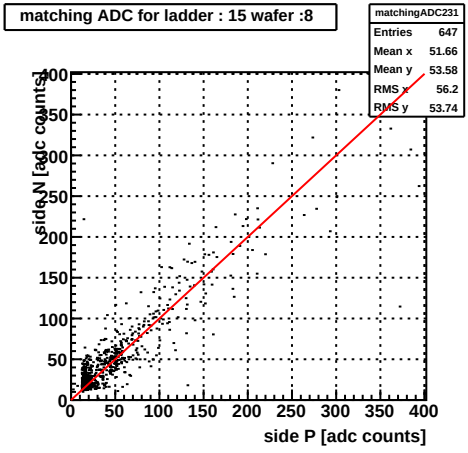

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

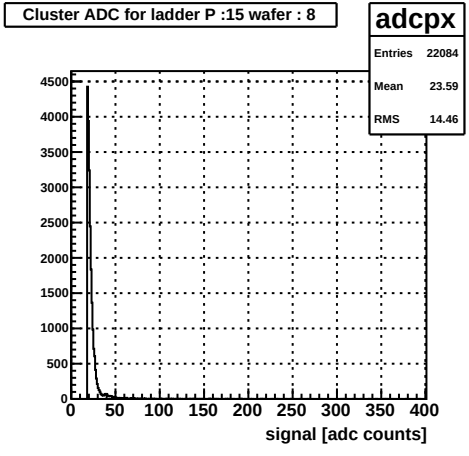

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2347
Mean 36.22
RMS 40.48
signal [adc counts]

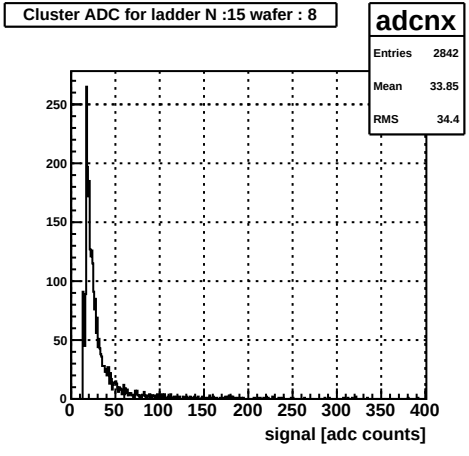

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

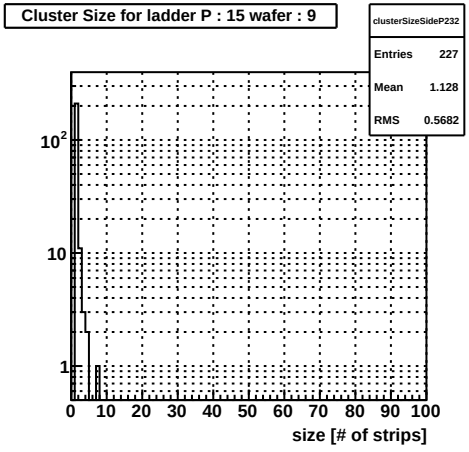

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22084
Mean 1.031
RMS 0.1954
size [# of strips]

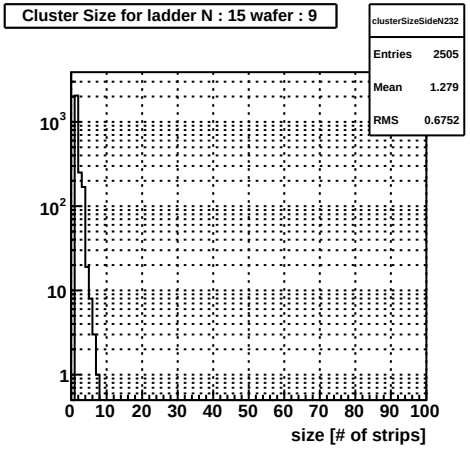

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2842
Mean 1.119
RMS 0.4326
size [# of strips]

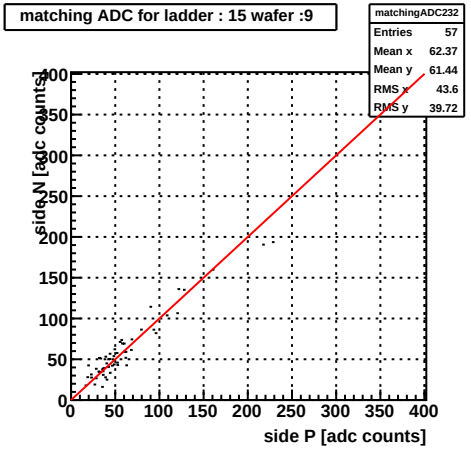

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 647
Mean x 51.66
Mean y 53.58
RMS x 56.2
RMS y 53.74
side N [adc counts]
side P [adc counts]

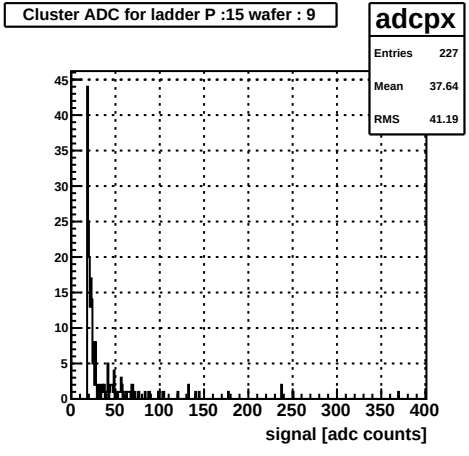

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22084
Mean 23.59
RMS 14.46
signal [adc counts]

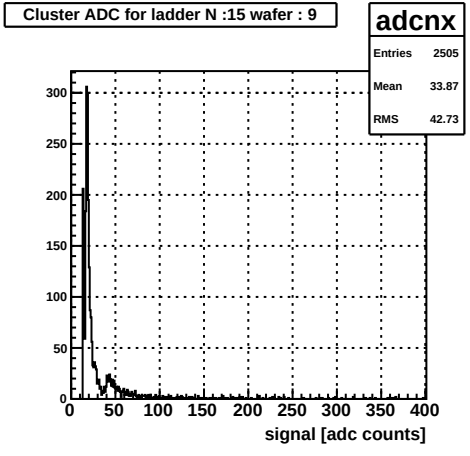

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2842
Mean 33.85
RMS 34.4
signal [adc counts]

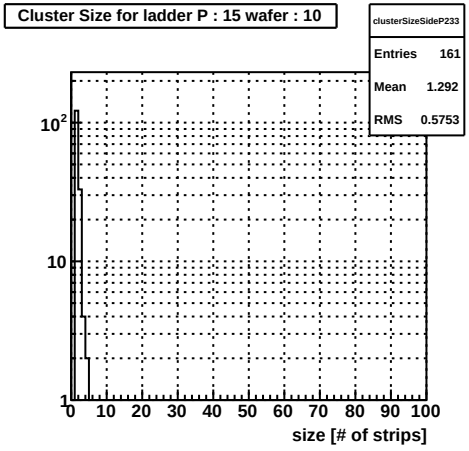

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 227
Mean 1.128
RMS 0.5682
size [# of strips]

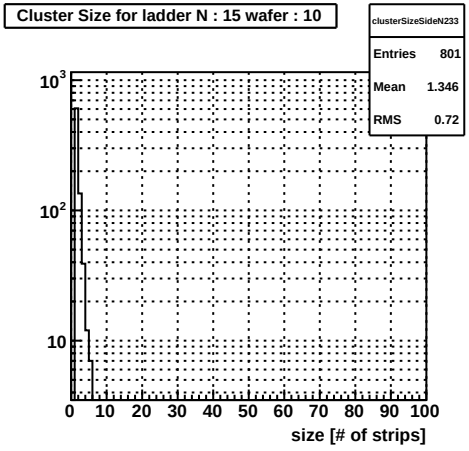

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2505
Mean 1.279
RMS 0.6752
size [# of strips]

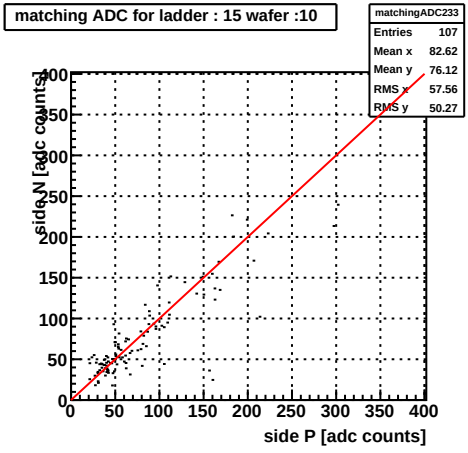

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 57
Mean x 62.37
Mean y 61.44
RMS x 43.6
RMS y 39.72
side N [adc counts]
side P [adc counts]

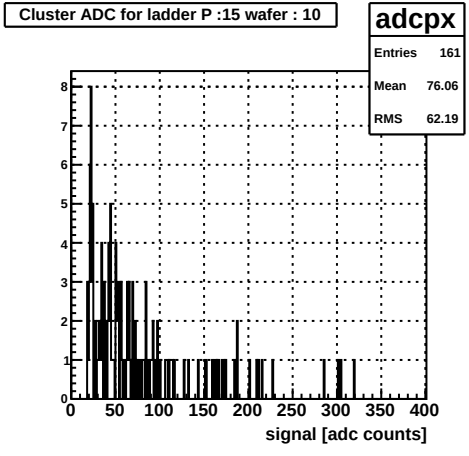

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 227
Mean 37.64
RMS 41.19
signal [adc counts]

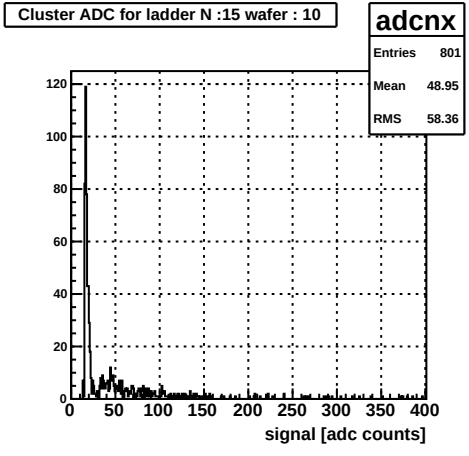

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2505
Mean 33.87
RMS 42.73
signal [adc counts]

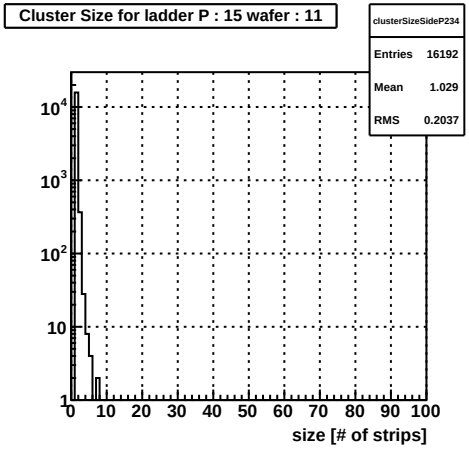

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 161
Mean 1.292
RMS 0.5753
size [# of strips]

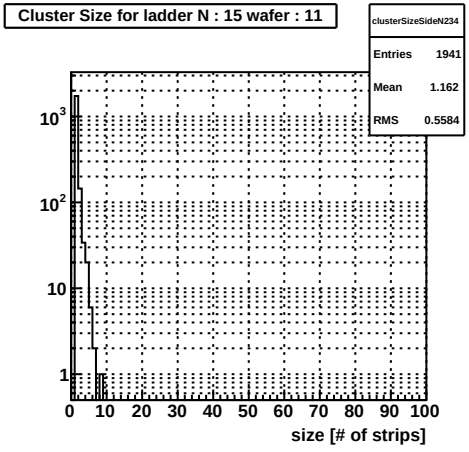

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 801
Mean 1.346
RMS 0.72
size [# of strips]

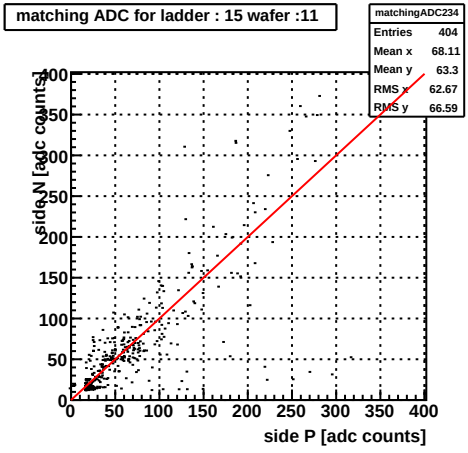

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 107
Mean x 82.62
Mean y 76.12
RMS x 57.56
RMS y 50.27
side N [adc counts]
side P [adc counts]

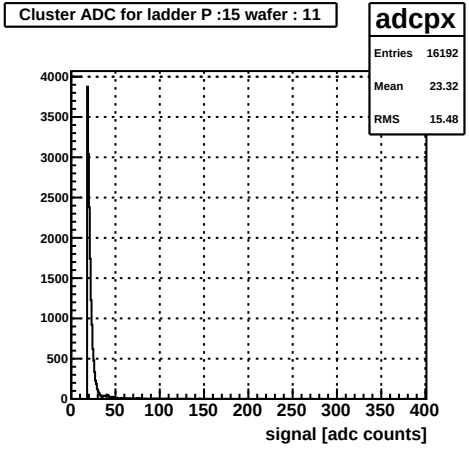

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 161
Mean 76.06
RMS 62.19
signal [adc counts]

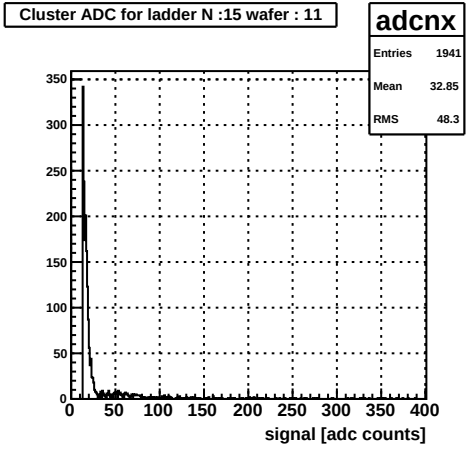

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 801
Mean 48.95
RMS 58.36
signal [adc counts]

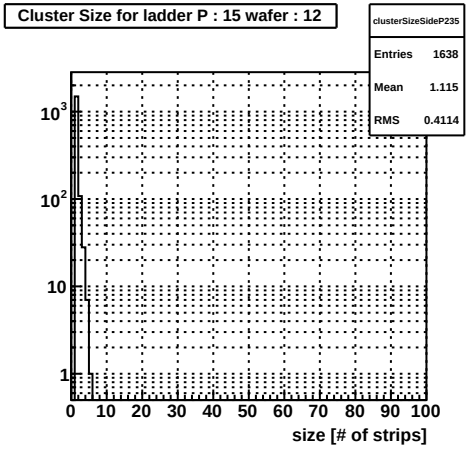

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 16192
Mean 1.029
RMS 0.2037
size [# of strips]

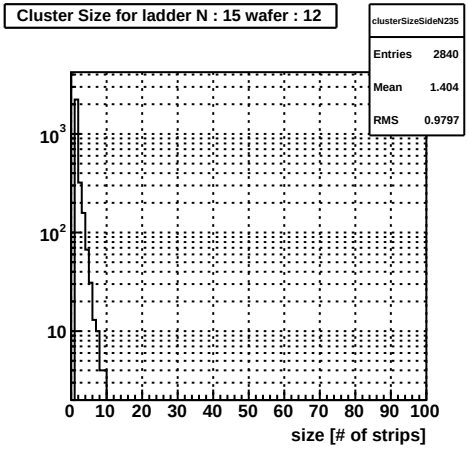

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1941
Mean 1.162
RMS 0.5584
size [# of strips]

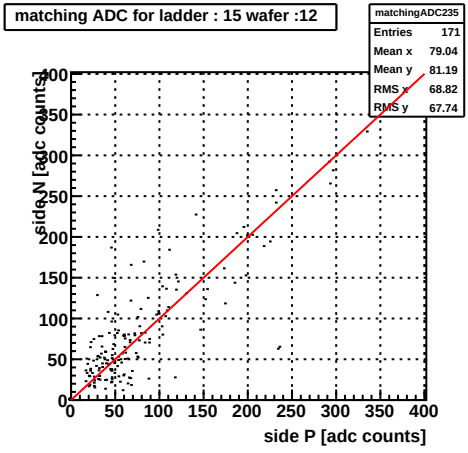

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 404
Mean x 68.11
Mean y 63.3
RMS x 62.67
RMS y 66.59
side N [adc counts]
side P [adc counts]

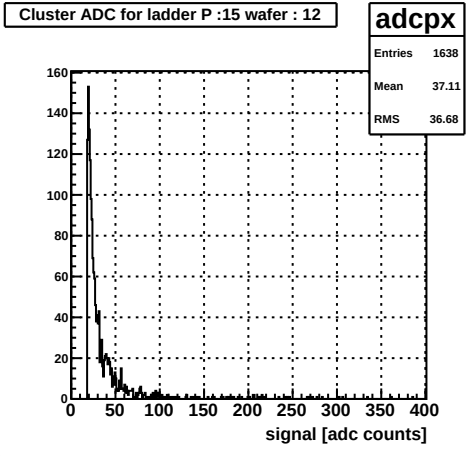

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 16192
Mean 23.32
RMS 15.48
signal [adc counts]

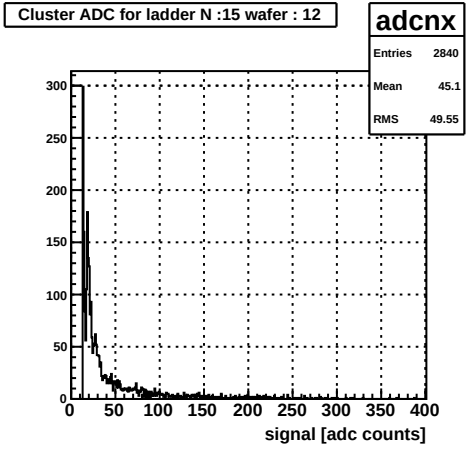

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1941
Mean 32.85
RMS 48.3
signal [adc counts]

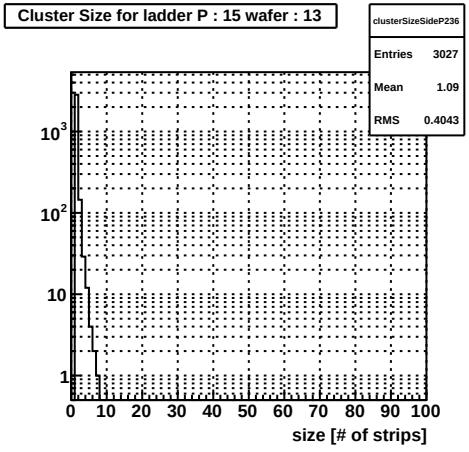

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1638
Mean 1.115
RMS 0.4114
size [# of strips]

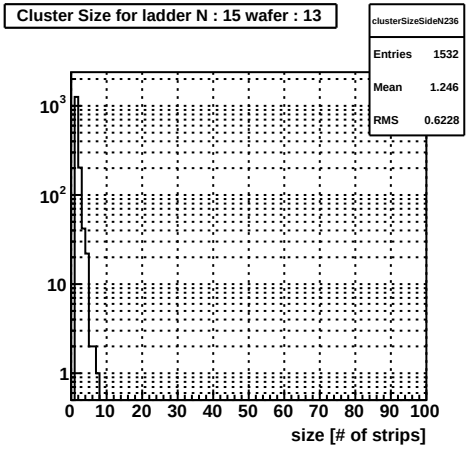

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2840
Mean 1.404
RMS 0.9797
size [# of strips]

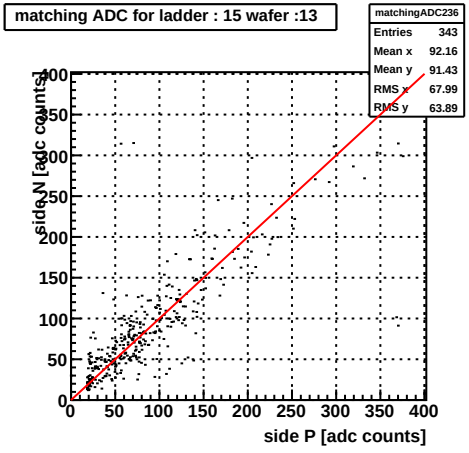

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 171
Mean x 79.04
Mean y 81.19
RMS x 68.82
RMS y 67.74
side N [adc counts]
side P [adc counts]

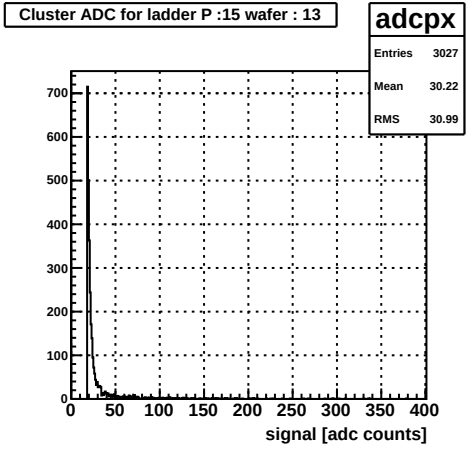

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1638
Mean 37.11
RMS 36.68
signal [adc counts]

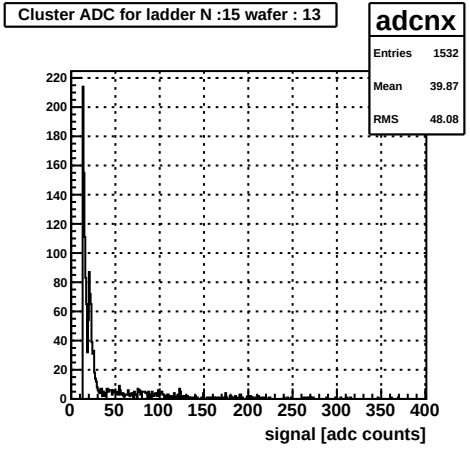

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2840
Mean 45.1
RMS 49.55
signal [adc counts]

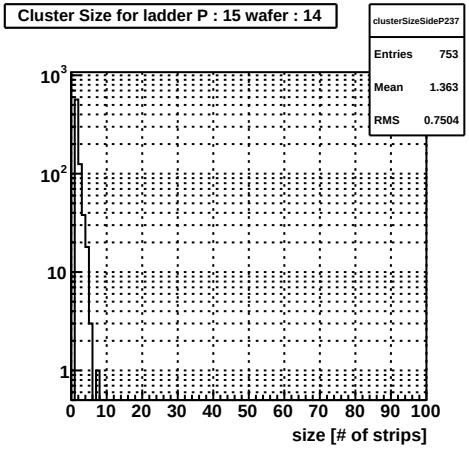

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3027
Mean 1.09
RMS 0.4043
size [# of strips]

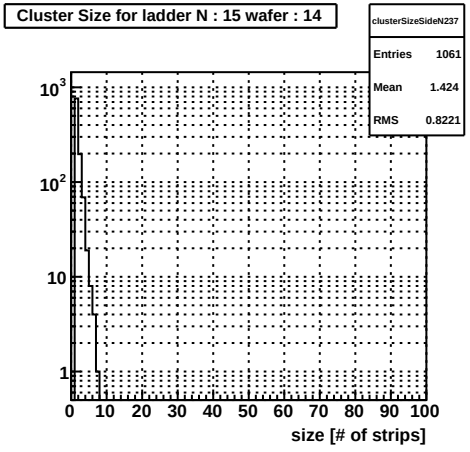

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1532
Mean 1.246
RMS 0.6228
size [# of strips]

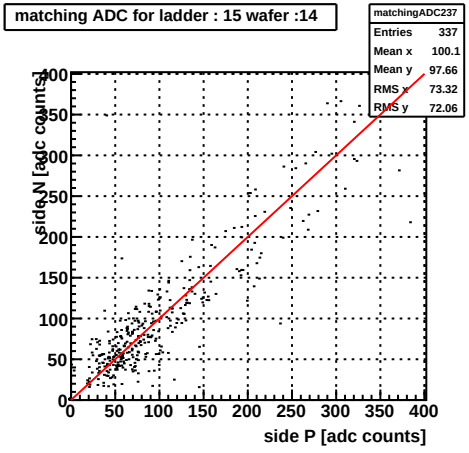

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 343
Mean x 92.16
Mean y 91.43
RMS x 67.99
RMS y 63.89
side N [adc counts]
side P [adc counts]

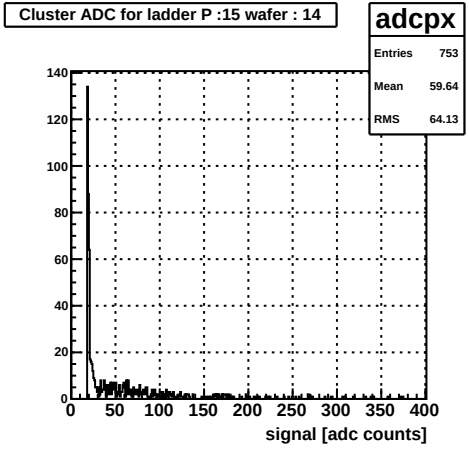

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3027
Mean 30.22
RMS 30.99
signal [adc counts]

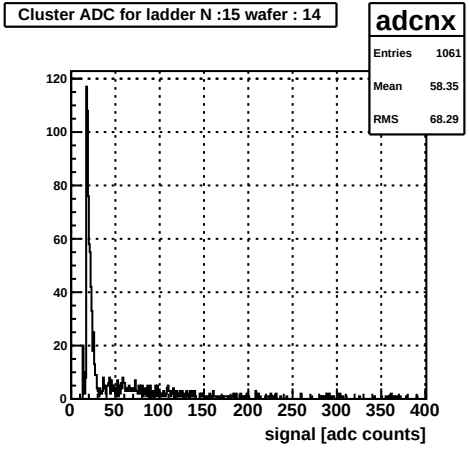

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1532
Mean 39.87
RMS 48.08
signal [adc counts]

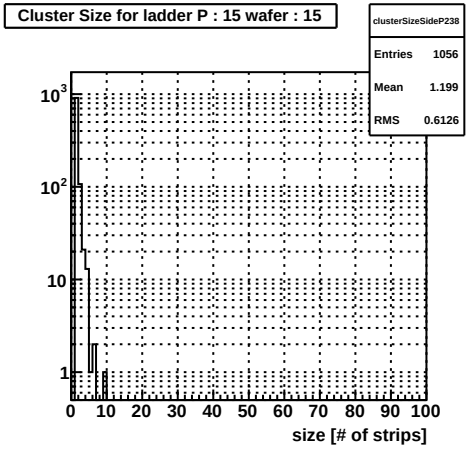

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 753
Mean 1.363
RMS 0.7504
size [# of strips]

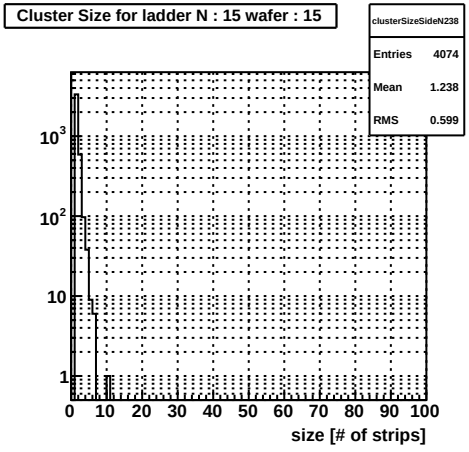

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1061
Mean 1.424
RMS 0.8221
size [# of strips]

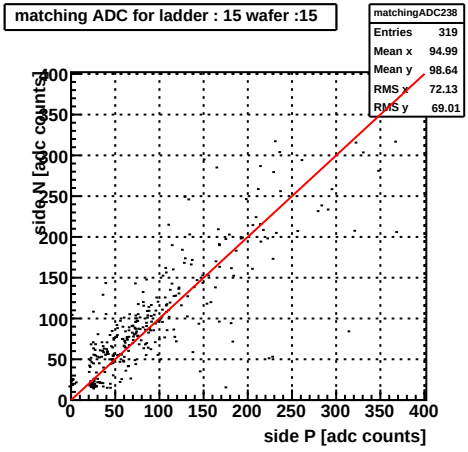

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 337
Mean x 100.1
Mean y 97.66
RMS x 73.32
RMS y 72.06
side N [adc counts]
side P [adc counts]

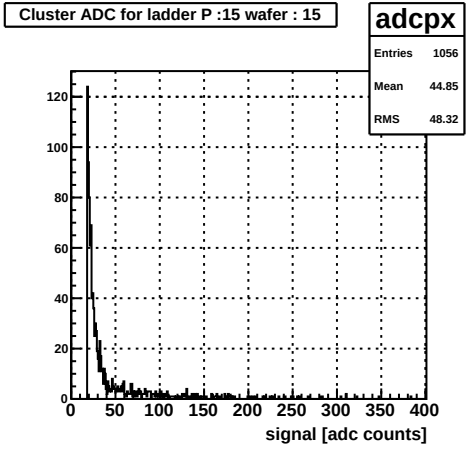

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 753
Mean 59.64
RMS 64.13
signal [adc counts]

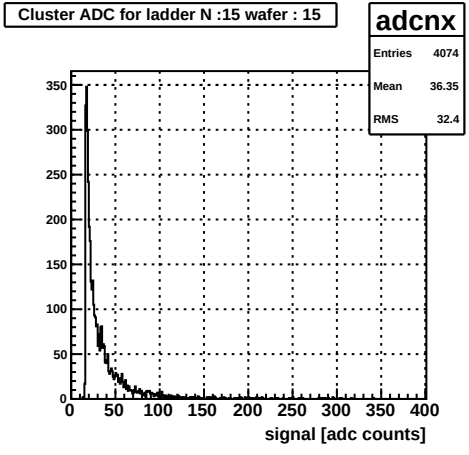

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1061
Mean 58.35
RMS 68.29
signal [adc counts]

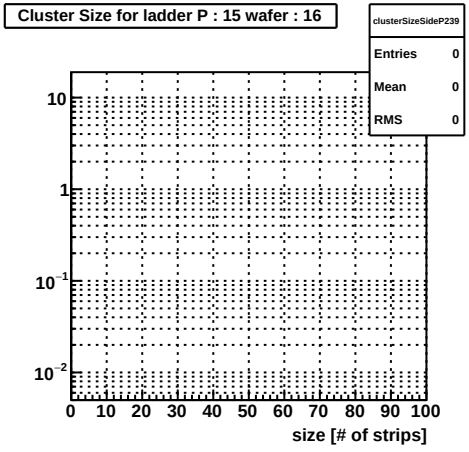

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1056
Mean 1.199
RMS 0.6126
size [# of strips]

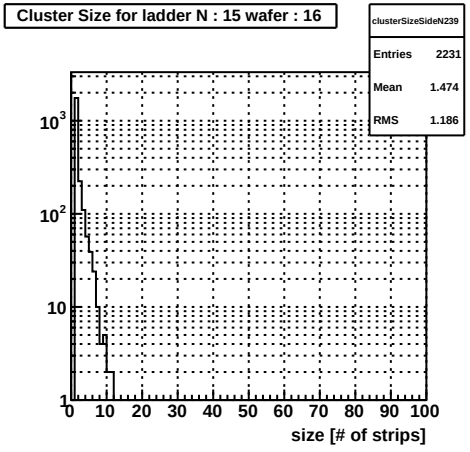

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4074
Mean 1.238
RMS 0.599
size [# of strips]

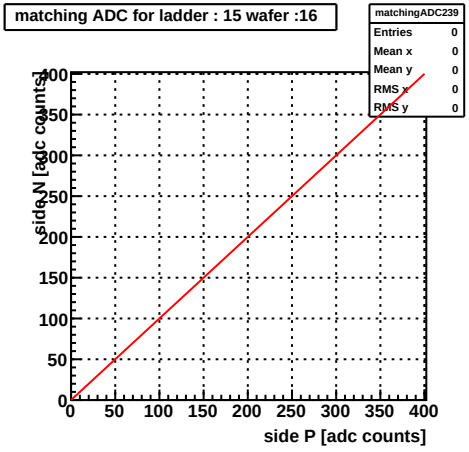

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 319
Mean x 94.99
Mean y 98.64
RMS x 72.13
RMS y 69.01
side N [adc counts]
side P [adc counts]

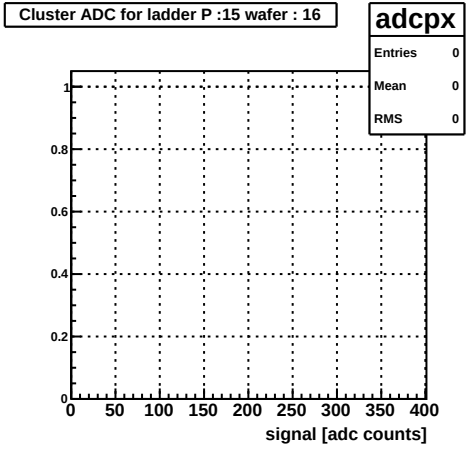

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1056
Mean 44.85
RMS 48.32
signal [adc counts]

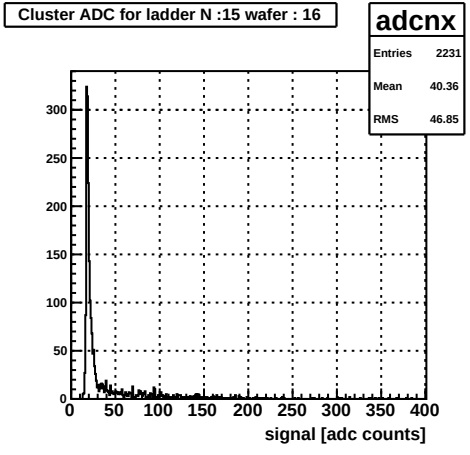

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4074
Mean 36.35
RMS 32.4
signal [adc counts]

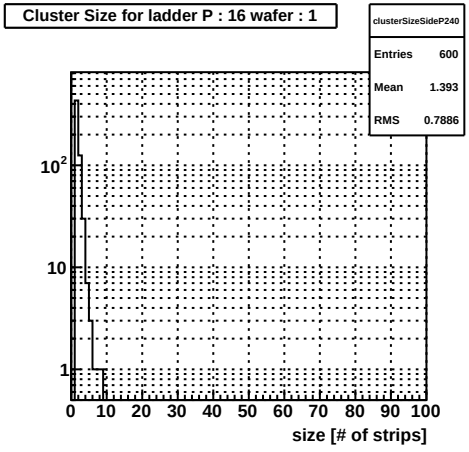

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

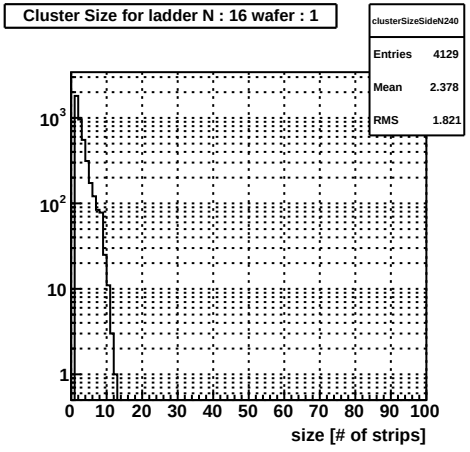

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2231
Mean 1.474
RMS 1.186
size [# of strips]

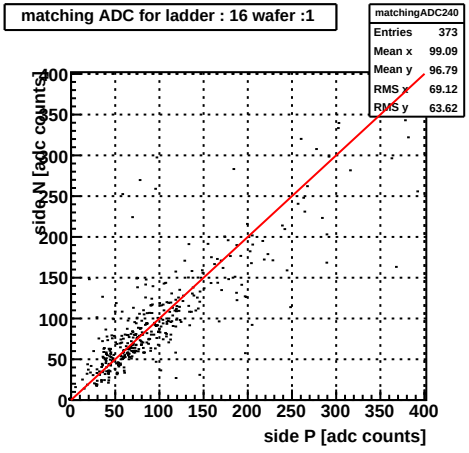

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

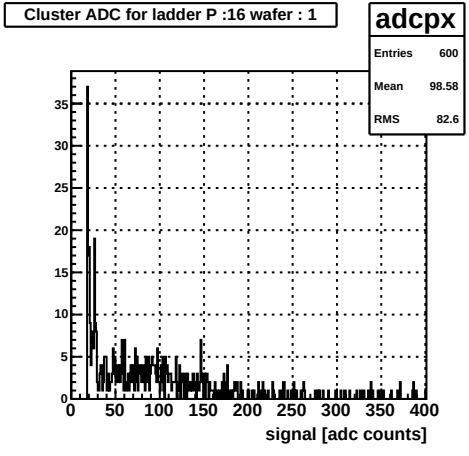

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

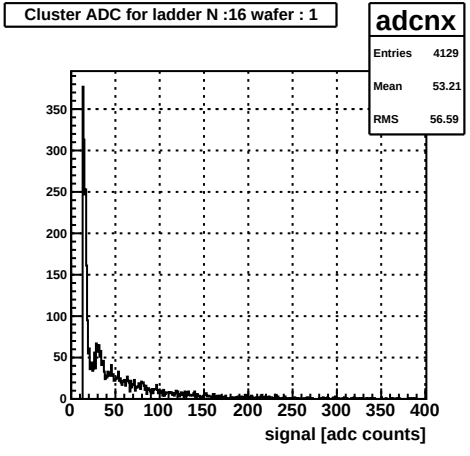

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2231
Mean 40.36
RMS 46.85
signal [adc counts]

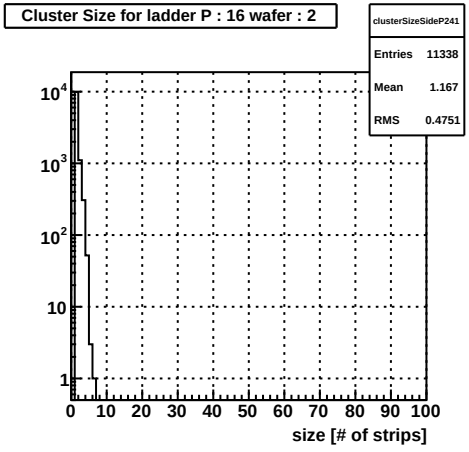

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 600
Mean 1.393
RMS 0.7886
size [# of strips]

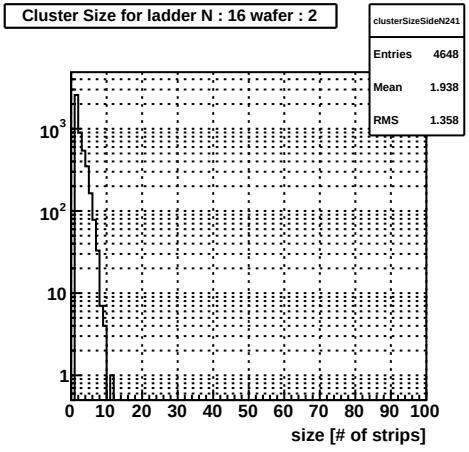

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4129
Mean 2.378
RMS 1.821
size [# of strips]

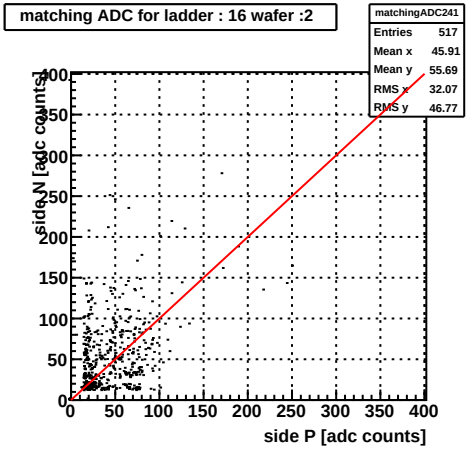

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 373
Mean x 99.09
Mean y 96.79
RMS x 69.12
RMS y 63.62
side N [adc counts]
side P [adc counts]

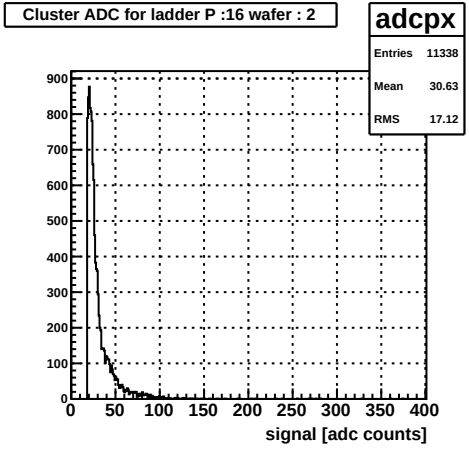

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 600
Mean 98.58
RMS 82.6
signal [adc counts]

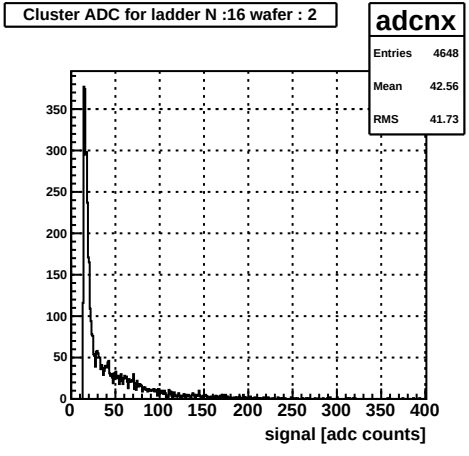

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4129
Mean 53.21
RMS 56.59
signal [adc counts]

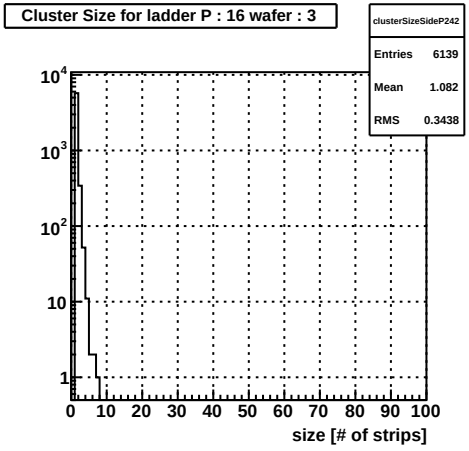

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11338
Mean 1.167
RMS 0.4751
size [# of strips]

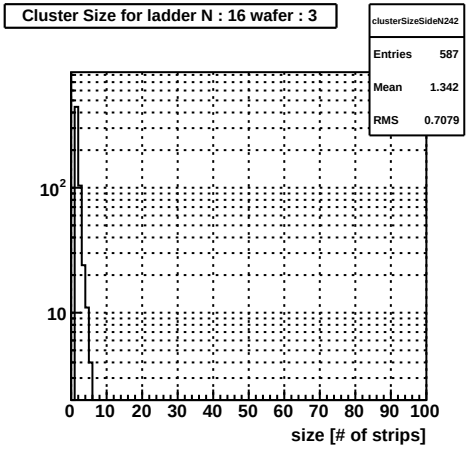

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4648
Mean 1.938
RMS 1.358
size [# of strips]

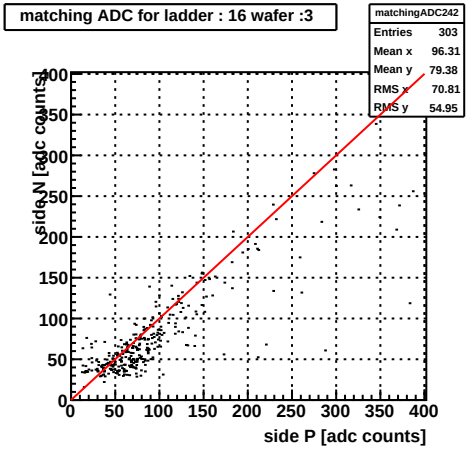

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 517
Mean x 45.91
Mean y 55.69
RMS x 32.07
RMS y 46.77
side N [adc counts]
side P [adc counts]

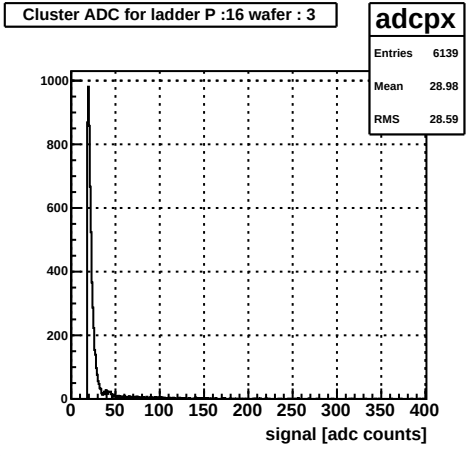

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11338
Mean 30.63
RMS 17.12
signal [adc counts]

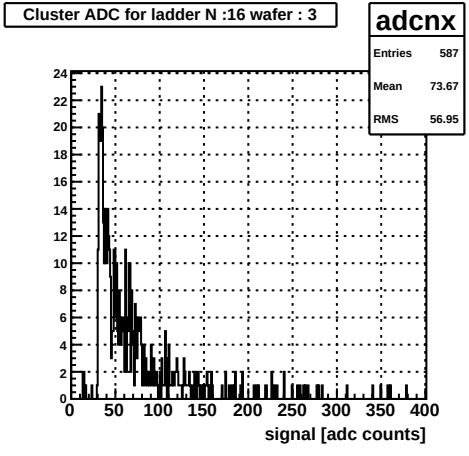

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4648
Mean 42.56
RMS 41.73
signal [adc counts]

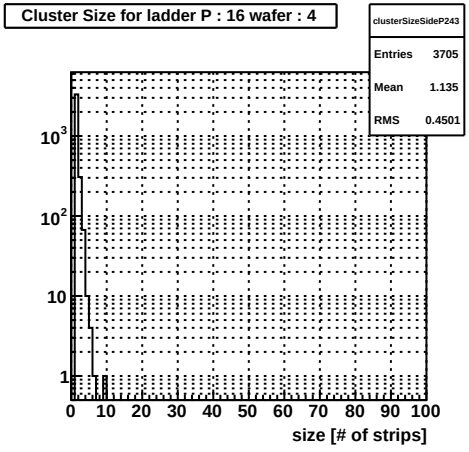

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6139
Mean 1.082
RMS 0.3438
size [# of strips]

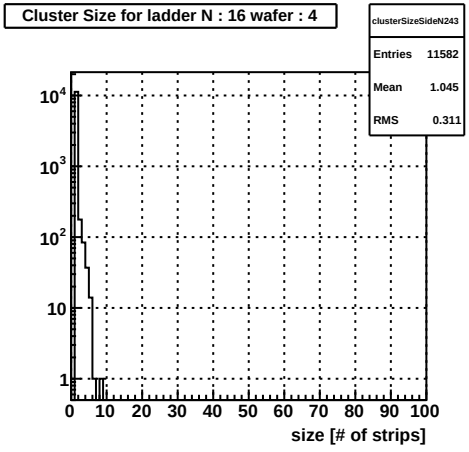

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 587
Mean 1.342
RMS 0.7079
size [# of strips]

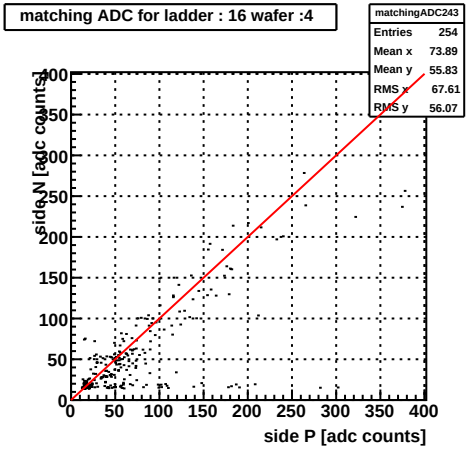

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 303
Mean x 96.31
Mean y 79.38
RMS x 70.81
RMS y 54.95
side N [adc counts]
side P [adc counts]

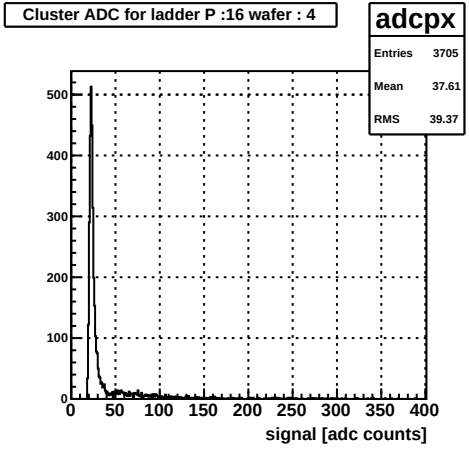

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6139
Mean 28.98
RMS 28.59
signal [adc counts]

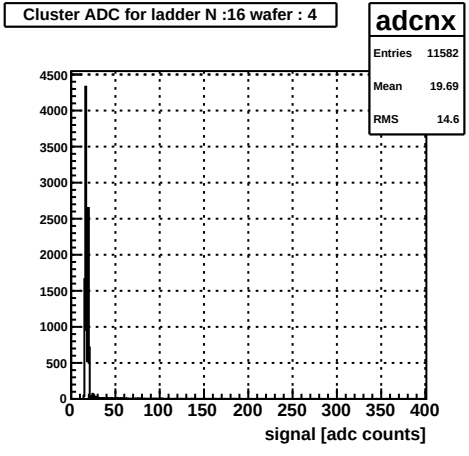

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 587
Mean 73.67
RMS 56.95
signal [adc counts]

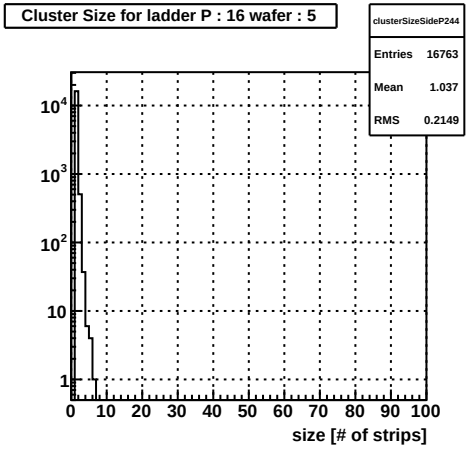

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3705
Mean 1.135
RMS 0.4501
size [# of strips]

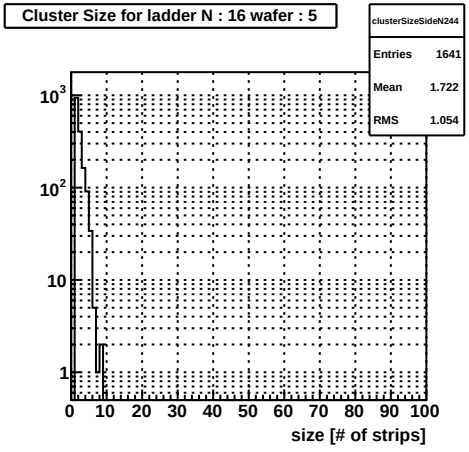

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11582
Mean 1.045
RMS 0.311
size [# of strips]

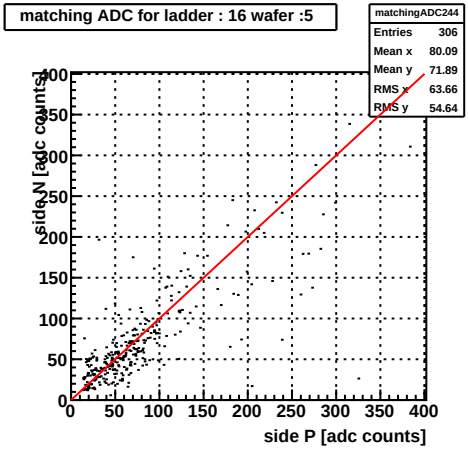

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 254
Mean x 73.89
Mean y 55.83
RMS x 67.61
RMS y 56.07
side N [adc counts]
side P [adc counts]

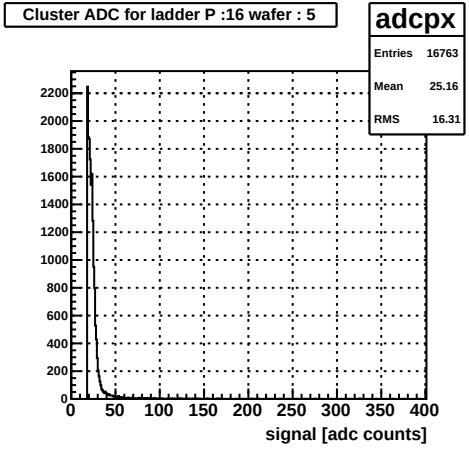

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3705
Mean 37.61
RMS 39.37
signal [adc counts]

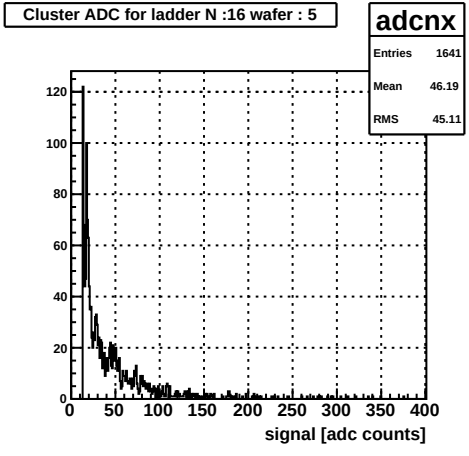

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11582
Mean 19.69
RMS 14.6
signal [adc counts]

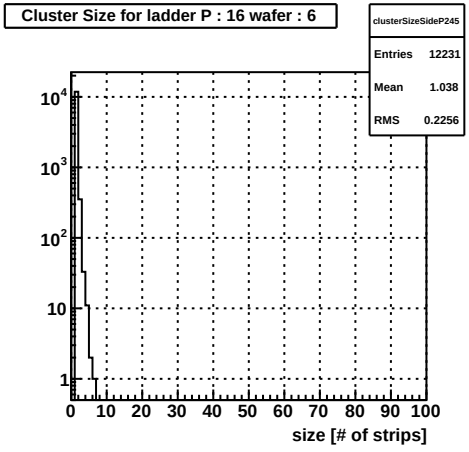

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 16763
Mean 1.037
RMS 0.2149
size [# of strips]

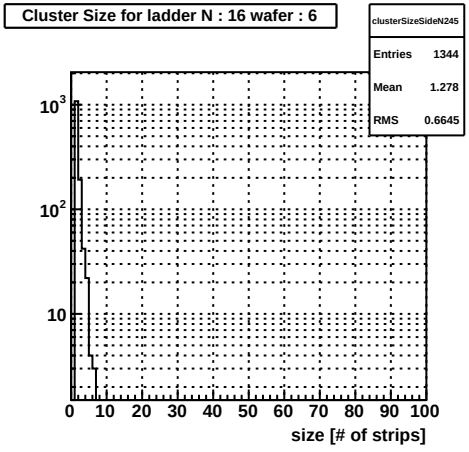

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1641
Mean 1.722
RMS 1.054
size [# of strips]

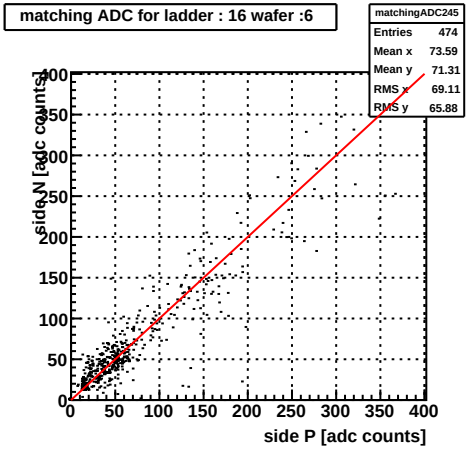

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 306
Mean x 80.09
Mean y 71.89
RMS x 63.66
RMS y 54.64
side N [adc counts]
side P [adc counts]

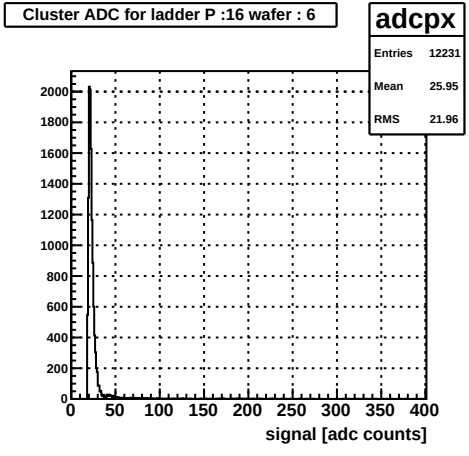

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 16763
Mean 25.16
RMS 16.31
signal [adc counts]

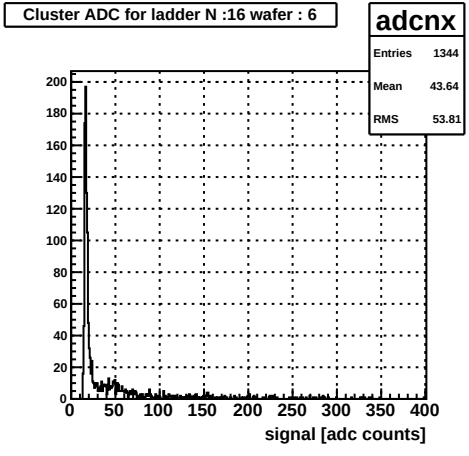

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1641
Mean 46.19
RMS 45.11
signal [adc counts]

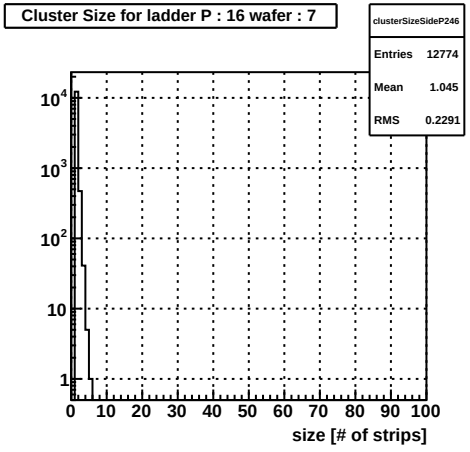

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 12231
Mean 1.038
RMS 0.2256
size [# of strips]

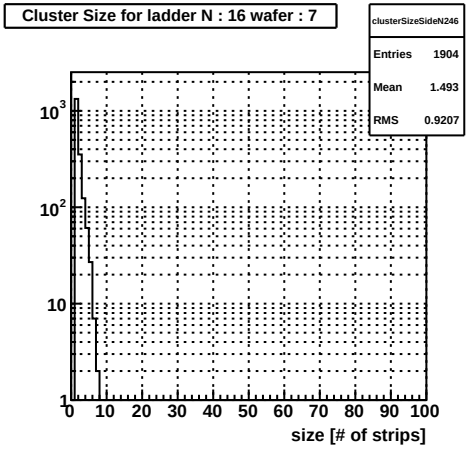

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1344
Mean 1.278
RMS 0.6645
size [# of strips]

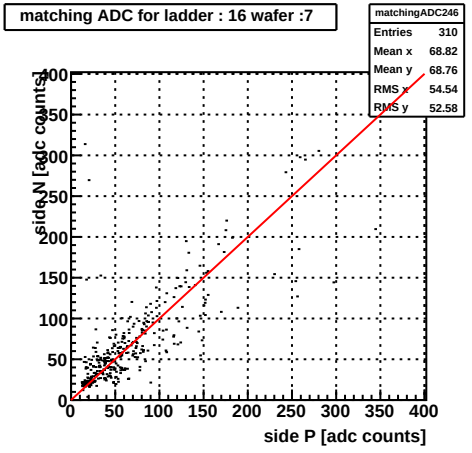

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 474
Mean x 73.59
Mean y 71.31
RMS x 69.11
RMS y 65.88
side N [adc counts]
side P [adc counts]

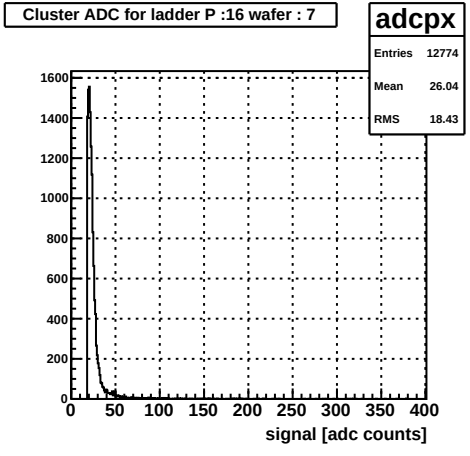

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 12231
Mean 25.95
RMS 21.96
signal [adc counts]

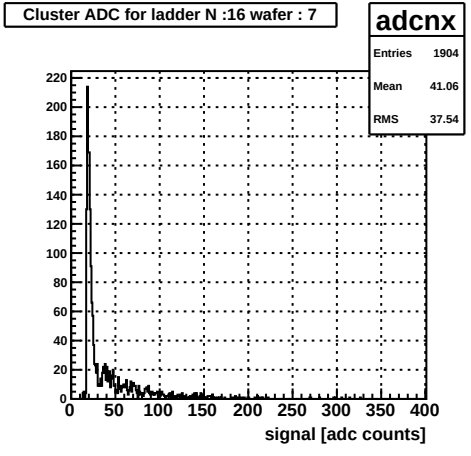

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1344
Mean 43.64
RMS 53.81
signal [adc counts]

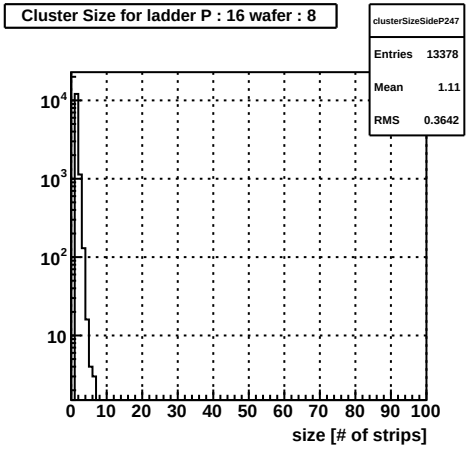

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12774
Mean 1.045
RMS 0.2291
size [# of strips]

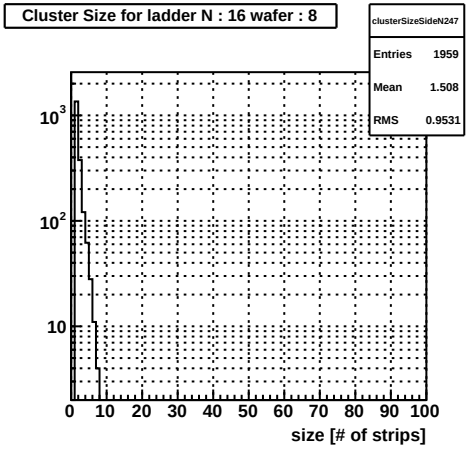

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 1904
Mean 1.493
RMS 0.9207
size [# of strips]

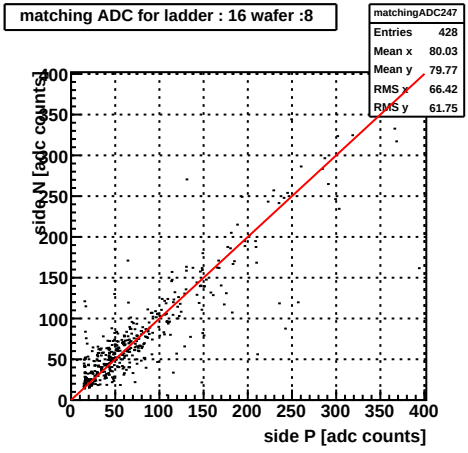

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 310
Mean x 68.82
Mean y 68.76
RMS x 54.54
RMS y 52.58
side N [adc counts]
side P [adc counts]

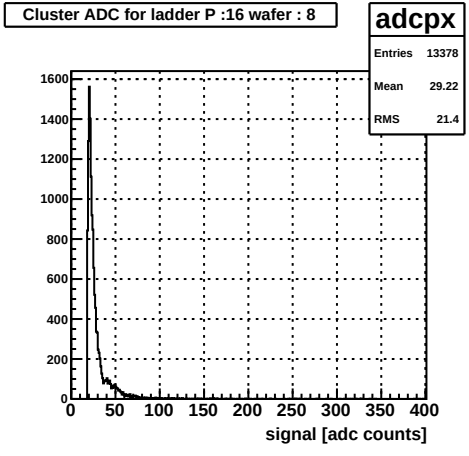

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12774
Mean 26.04
RMS 18.43
signal [adc counts]

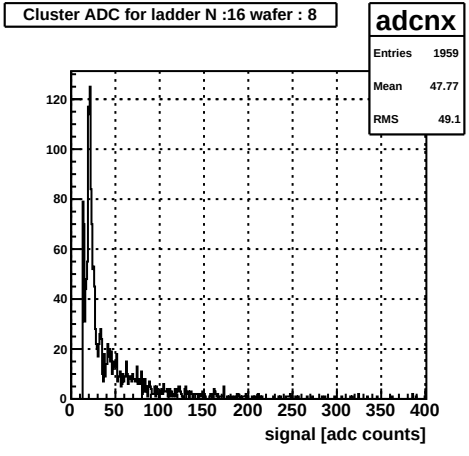

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 1904
Mean 41.06
RMS 37.54
signal [adc counts]

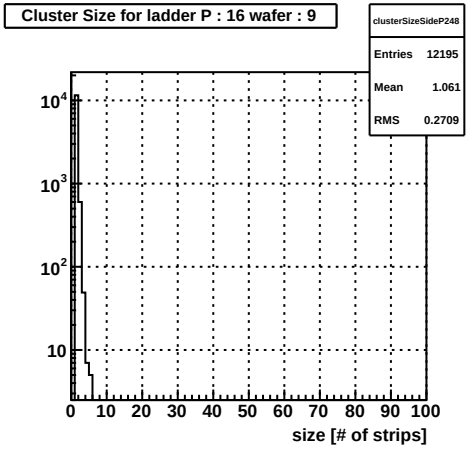

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13378
Mean 1.11
RMS 0.3642
size [# of strips]

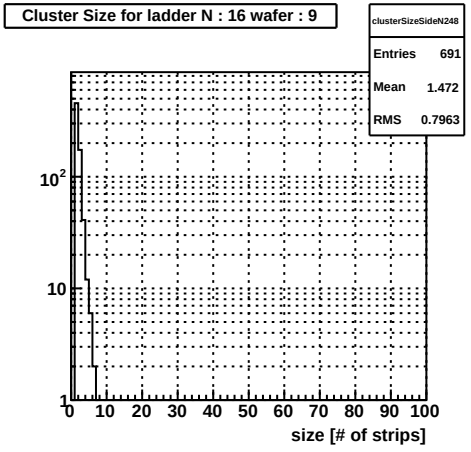

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 1959
Mean 1.508
RMS 0.9531
size [# of strips]

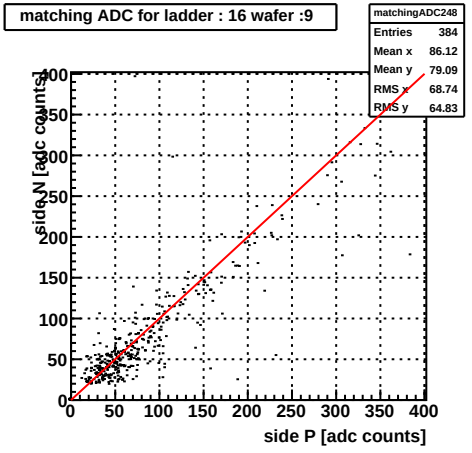

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 428
Mean x 80.03
Mean y 79.77
RMS x 66.42
RMS y 61.75
side N [adc counts]
side P [adc counts]

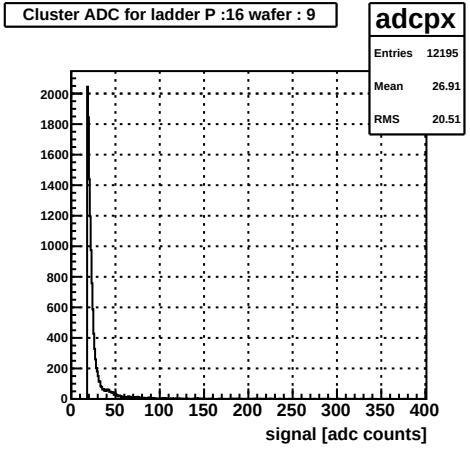

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13378
Mean 29.22
RMS 21.4
signal [adc counts]

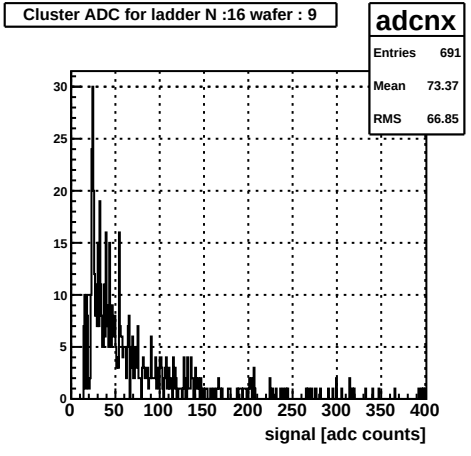

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 1959
Mean 47.77
RMS 49.1
signal [adc counts]

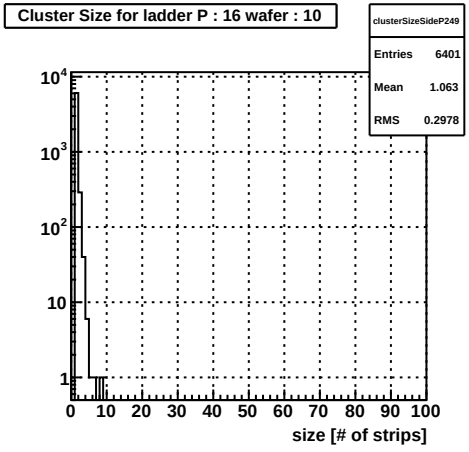

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12195
Mean 1.061
RMS 0.2709
size [# of strips]

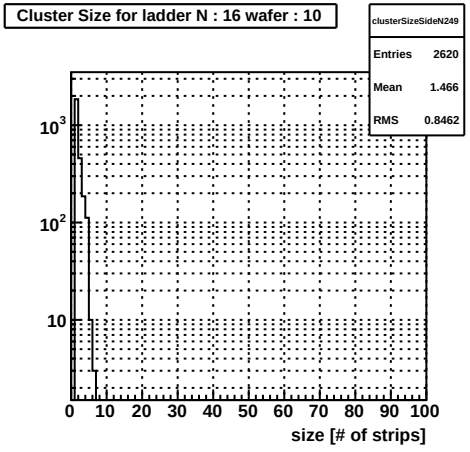

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 691
Mean 1.472
RMS 0.7963
size [# of strips]

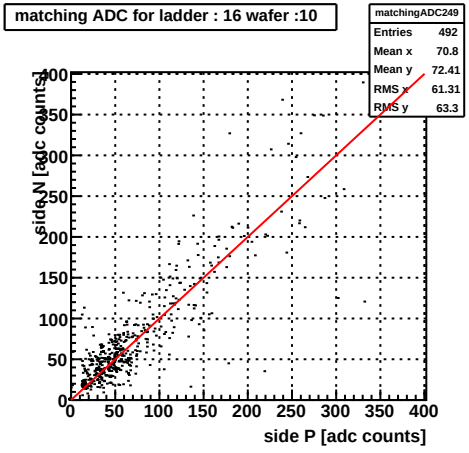

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 384
Mean x 86.12
Mean y 79.09
RMS x 68.74
RMS y 64.83
side N [adc counts]
side P [adc counts]

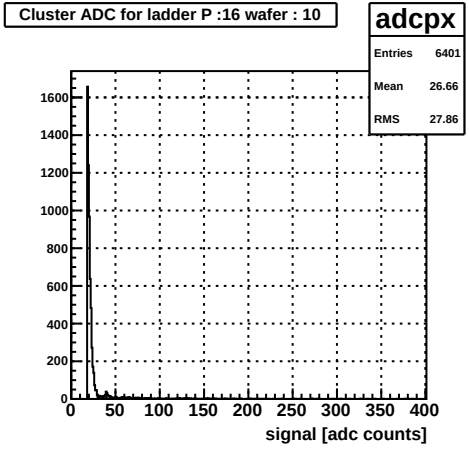

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12195
Mean 26.91
RMS 20.51
signal [adc counts]

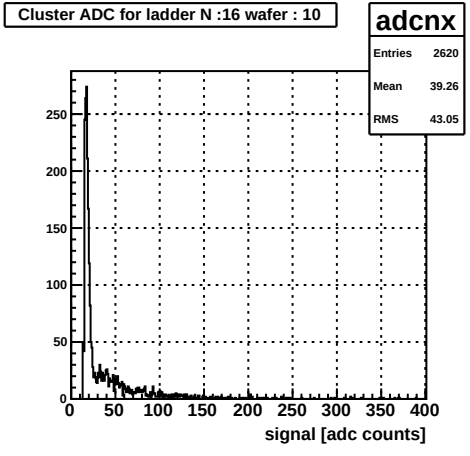

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 691
Mean 73.37
RMS 66.85
signal [adc counts]

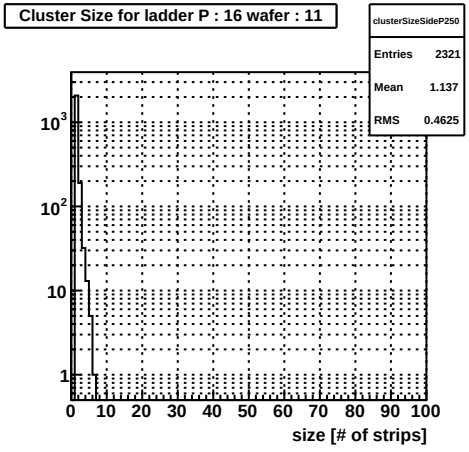

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6401
Mean 1.063
RMS 0.2978
size [# of strips]

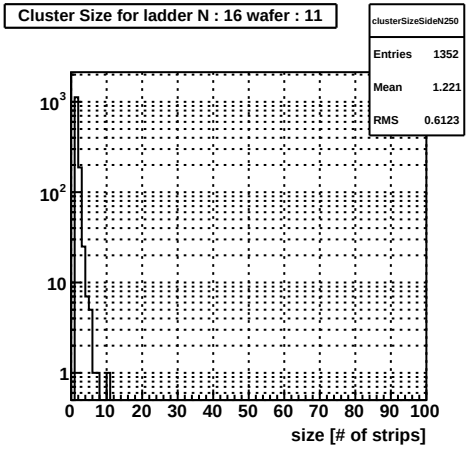

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2620
Mean 1.466
RMS 0.8462
size [# of strips]

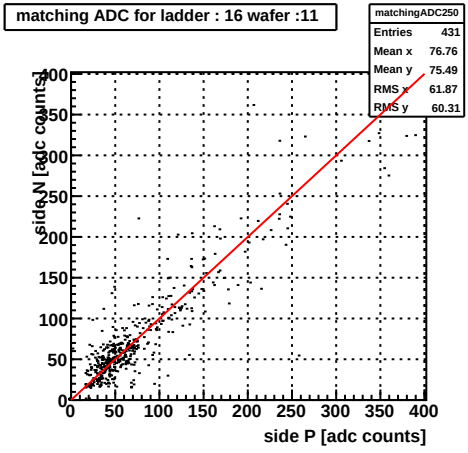

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 492
Mean x 70.8
Mean y 72.41
RMS x 61.31
RMS y 63.3
side N [adc counts]
side P [adc counts]

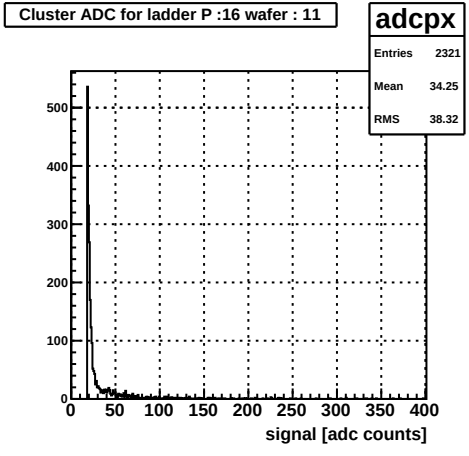

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6401
Mean 26.66
RMS 27.86
signal [adc counts]

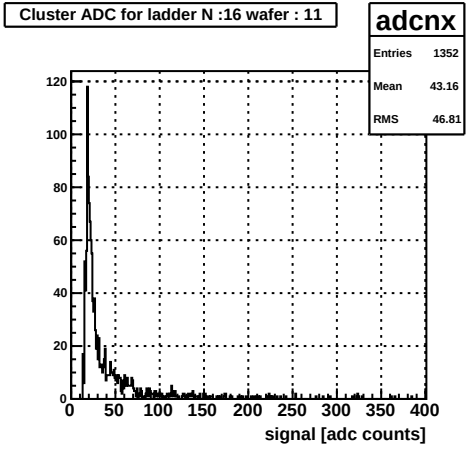

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2620
Mean 39.26
RMS 43.05
signal [adc counts]

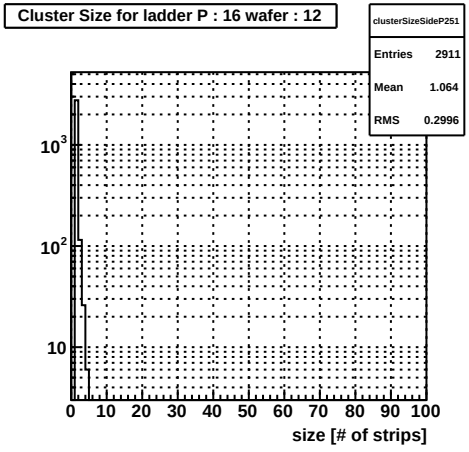

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2321
Mean 1.137
RMS 0.4625
size [# of strips]

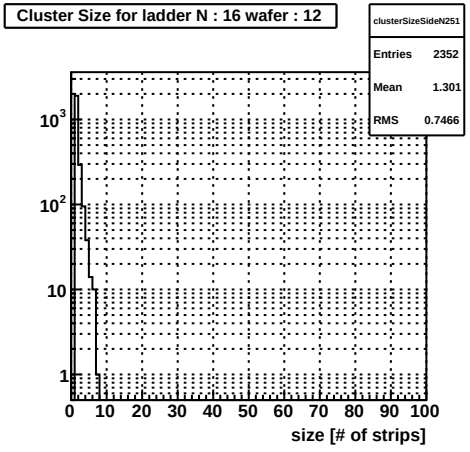

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1352
Mean 1.221
RMS 0.6123
size [# of strips]

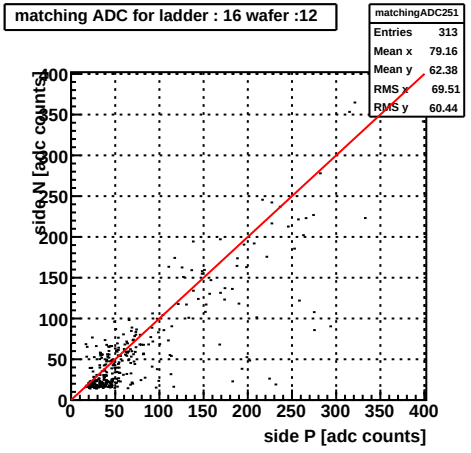

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 431
Mean x 76.76
Mean y 75.49
RMS x 61.87
RMS y 60.31
side N [adc counts]
side P [adc counts]

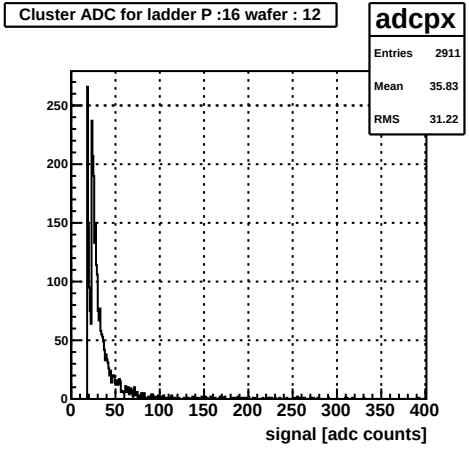

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2321
Mean 34.25
RMS 38.32
signal [adc counts]

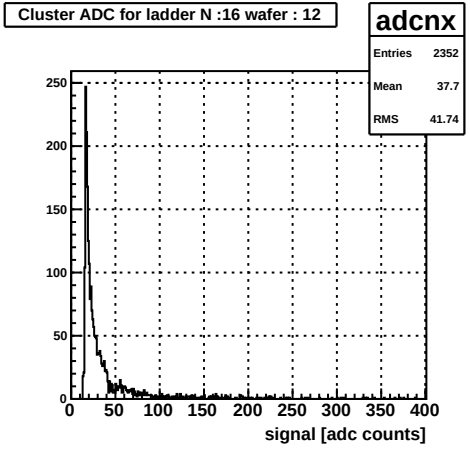

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1352
Mean 43.16
RMS 46.81
signal [adc counts]

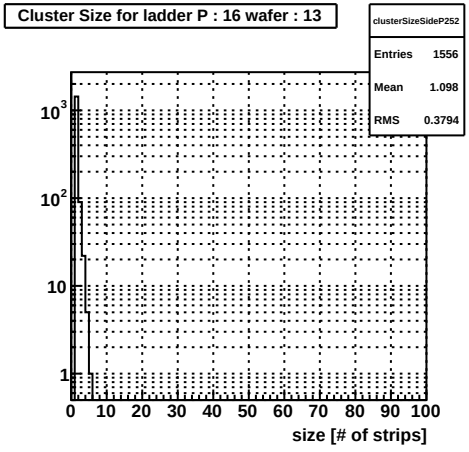

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2911
Mean 1.064
RMS 0.2996
size [# of strips]

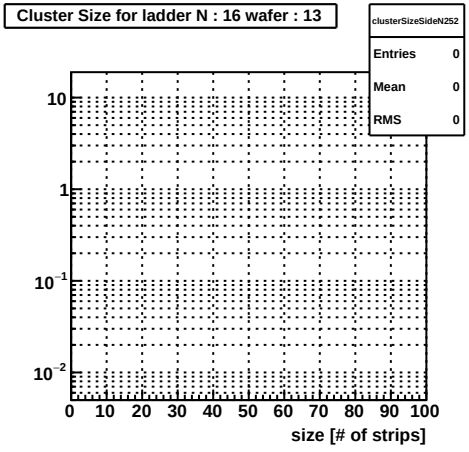

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2352
Mean 1.301
RMS 0.7466
size [# of strips]

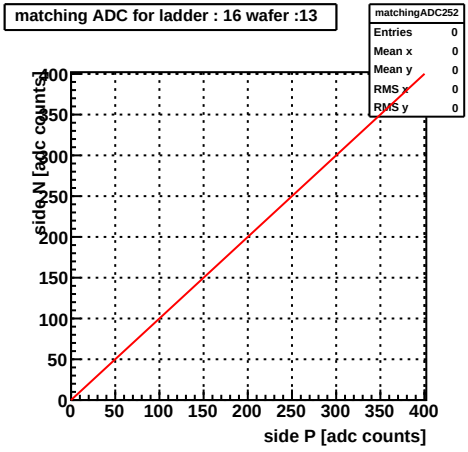

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 313
Mean x 79.16
Mean y 62.38
RMS x 69.51
RMS y 60.44
side N [adc counts]
side P [adc counts]

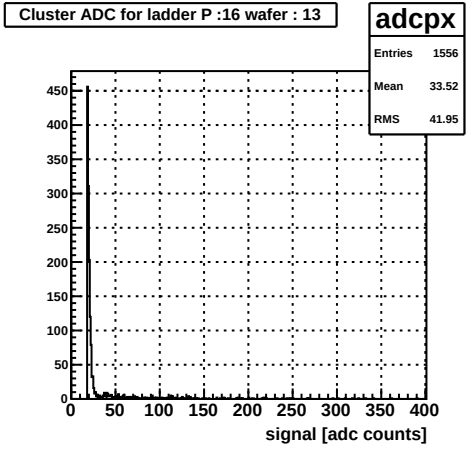

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2911
Mean 35.83
RMS 31.22
signal [adc counts]

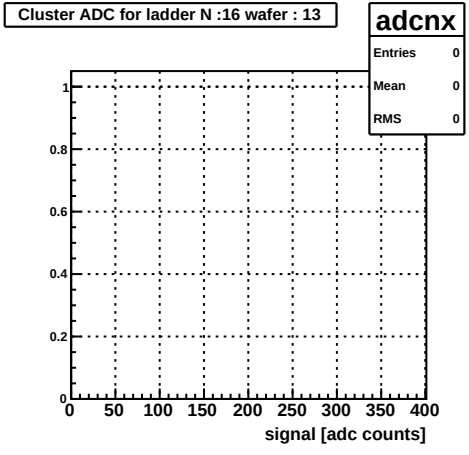

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2352
Mean 37.7
RMS 41.74
signal [adc counts]

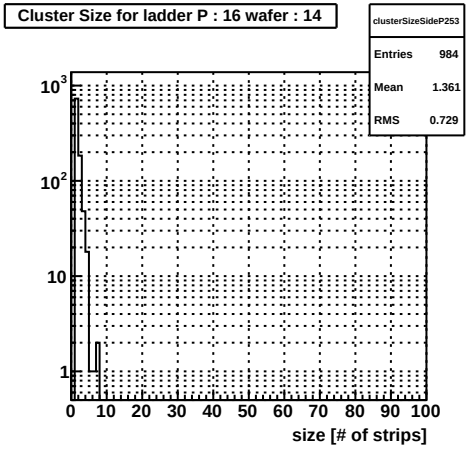

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1556
Mean 1.098
RMS 0.3794
size [# of strips]

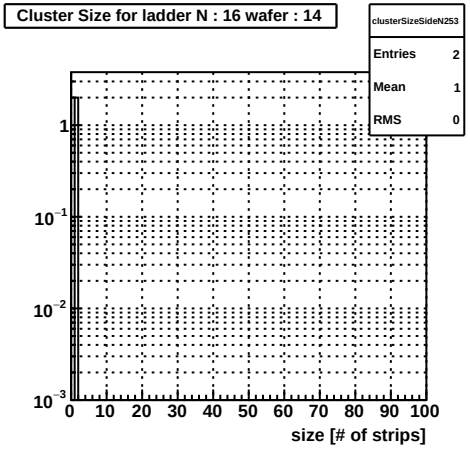

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

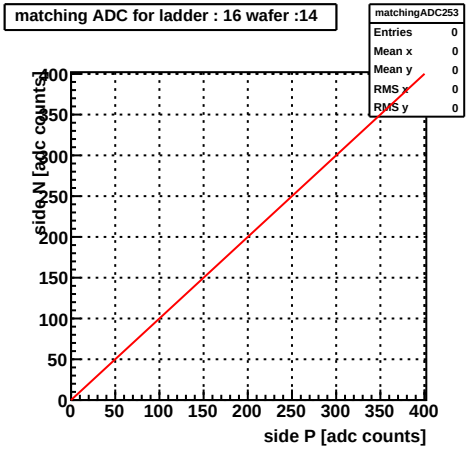

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

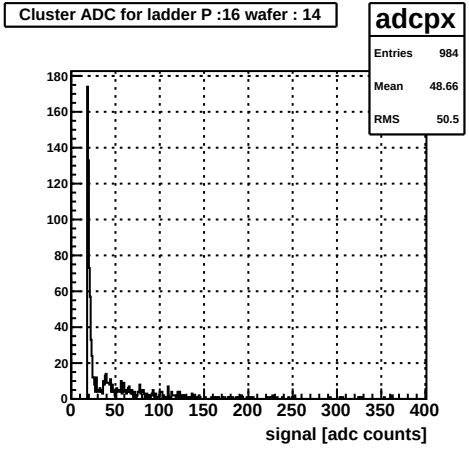

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1556
Mean 33.52
RMS 41.95
signal [adc counts]

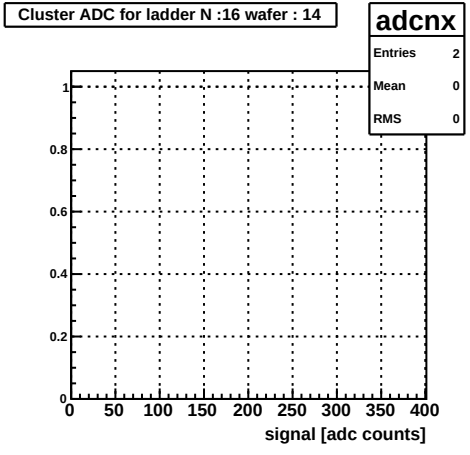

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

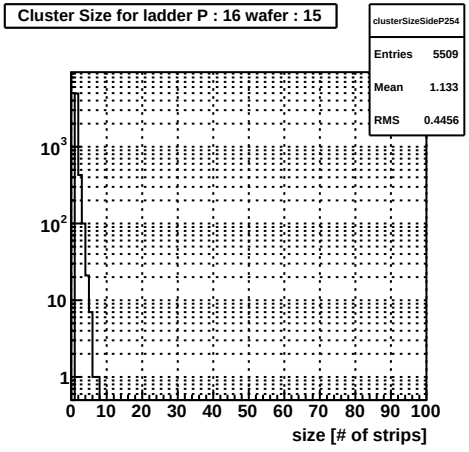

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 984
Mean 1.361
RMS 0.729
size [# of strips]

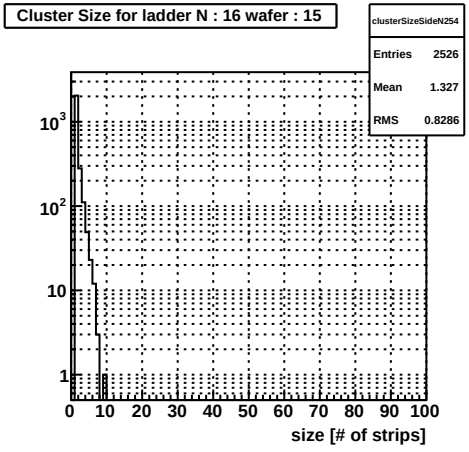

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

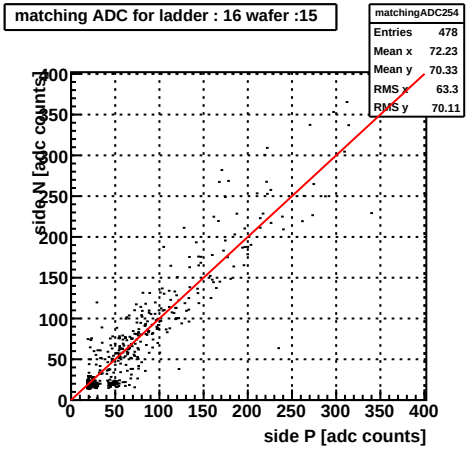

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

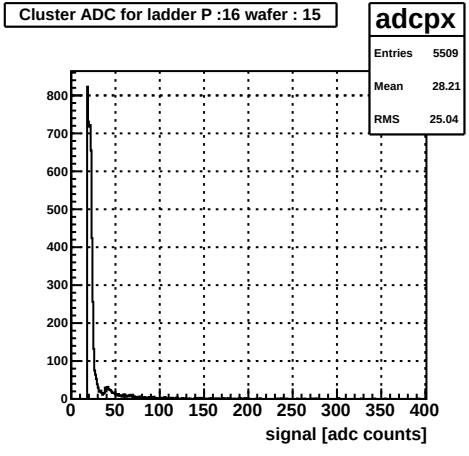

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 984
Mean 48.66
RMS 50.5
signal [adc counts]

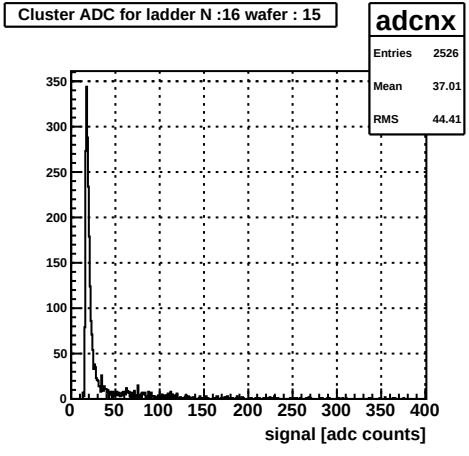

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

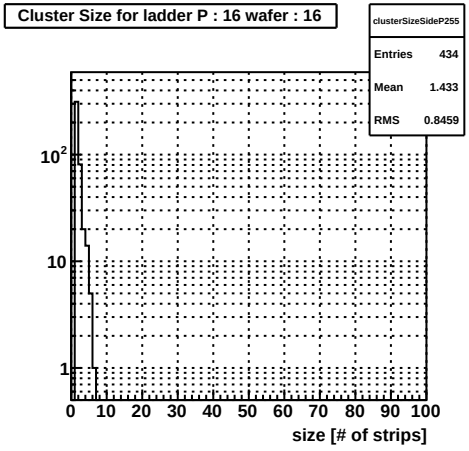

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5509
Mean 1.133
RMS 0.4456
size [# of strips]

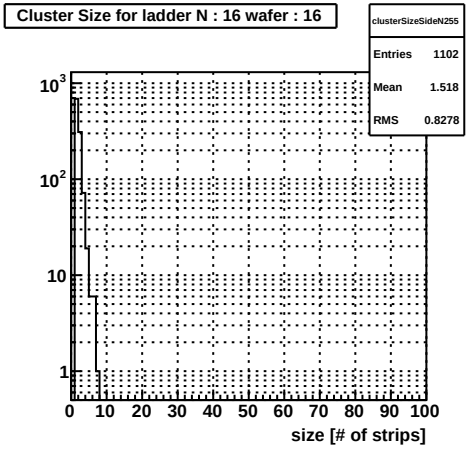

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2526
Mean 1.327
RMS 0.8286
size [# of strips]

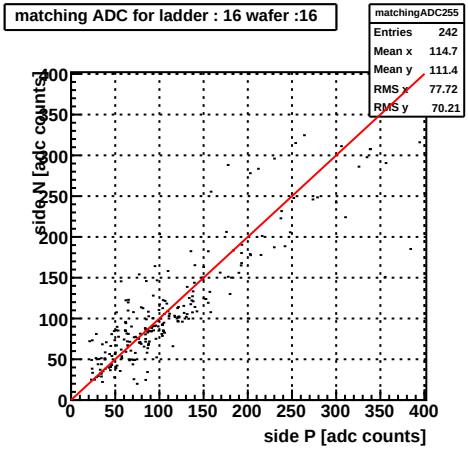

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 478
Mean x 72.23
Mean y 70.33
RMS x 63.3
RMS y 70.11
side N [adc counts]
side P [adc counts]

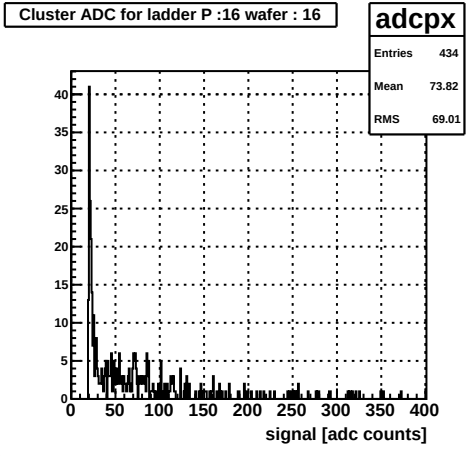

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5509
Mean 28.21
RMS 25.04
signal [adc counts]

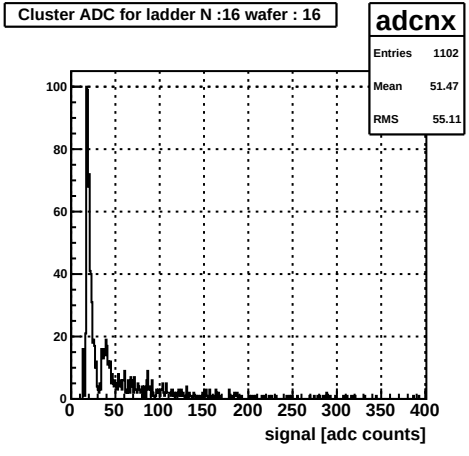

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2526
Mean 37.01
RMS 44.41
signal [adc counts]

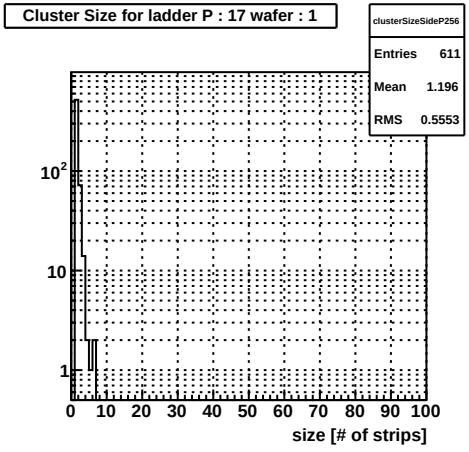

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 434
Mean 1.433
RMS 0.8459
size [# of strips]

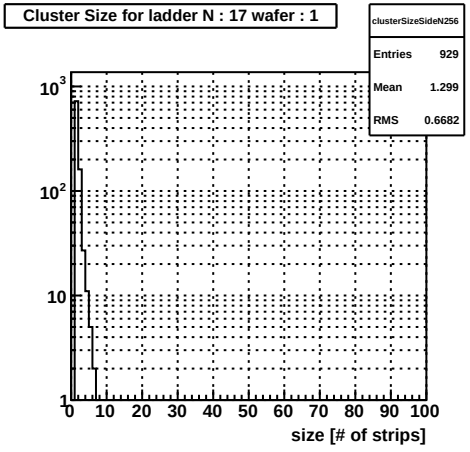

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1102
Mean 1.518
RMS 0.8278
size [# of strips]

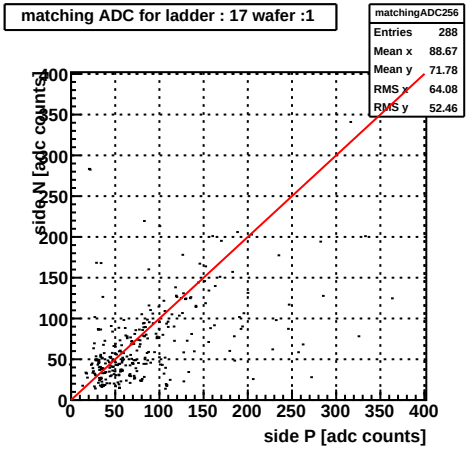

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 242
Mean x 114.7
Mean y 111.4
RMS x 77.72
RMS y 70.21
side N [adc counts]
side P [adc counts]

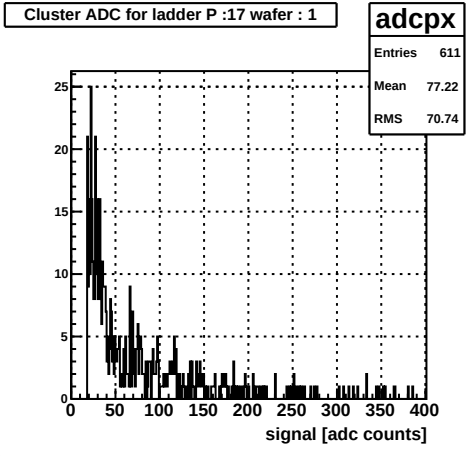

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 434
Mean 73.82
RMS 69.01
signal [adc counts]

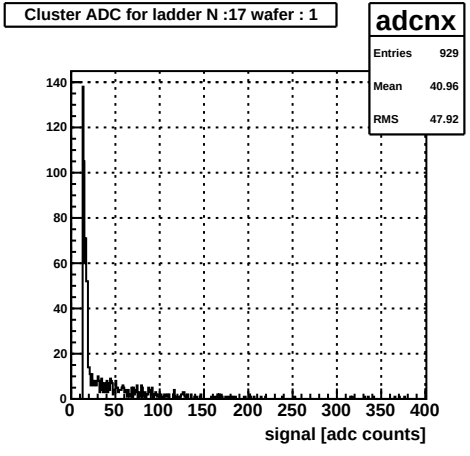

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1102
Mean 51.47
RMS 55.11
signal [adc counts]

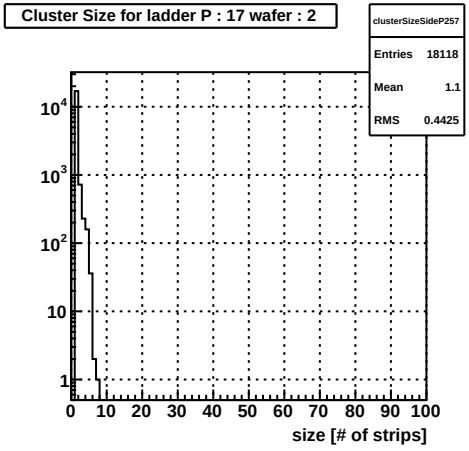

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 611
Mean 1.196
RMS 0.5553
size [# of strips]

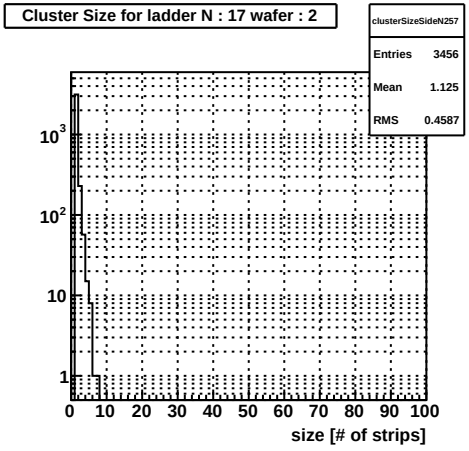

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 929
Mean 1.299
RMS 0.6682
size [# of strips]

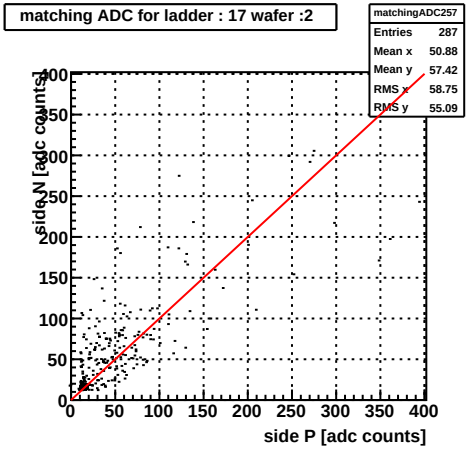

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 288
Mean x 88.67
Mean y 71.78
RMS x 64.08
RMS y 52.46
side N [adc counts]
side P [adc counts]

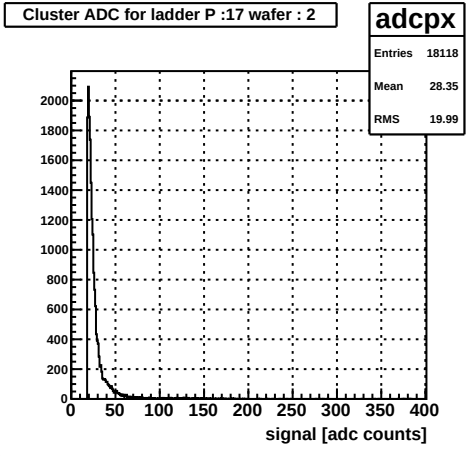

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 611
Mean 77.22
RMS 70.74
signal [adc counts]

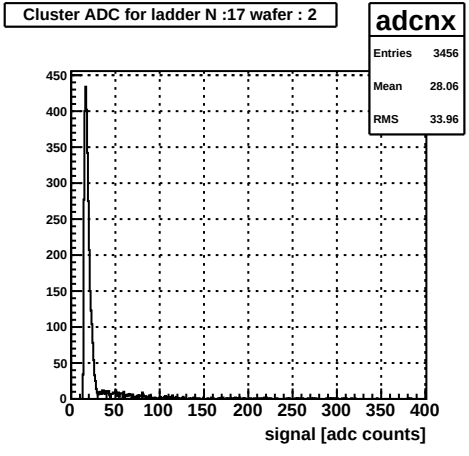

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 929
Mean 40.96
RMS 47.92
signal [adc counts]

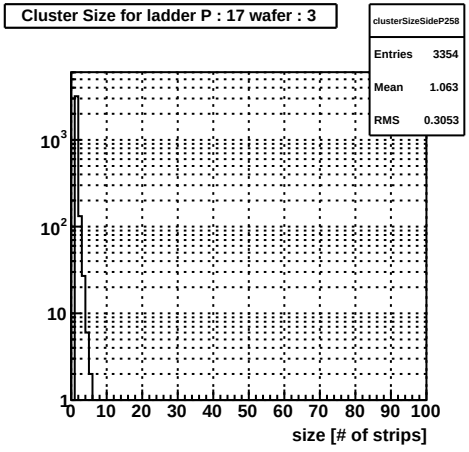

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 18118
Mean 1.1
RMS 0.4425
size [# of strips]

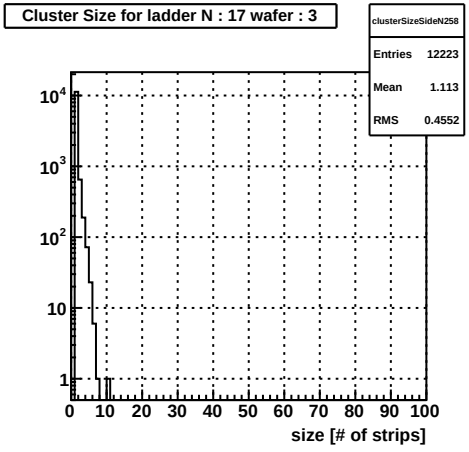

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 3456
Mean 1.125
RMS 0.4587
size [# of strips]

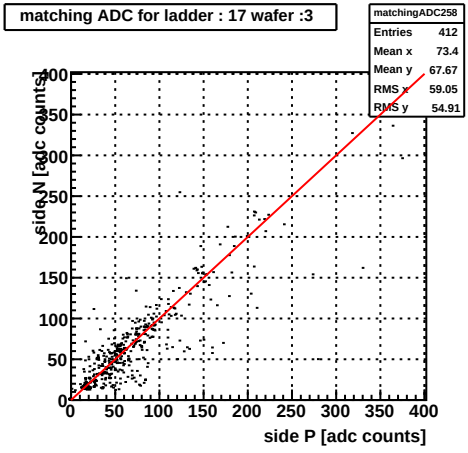

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 287
Mean x 50.88
Mean y 57.42
RMS x 58.75
RMS y 55.09
side N [adc counts]
side P [adc counts]

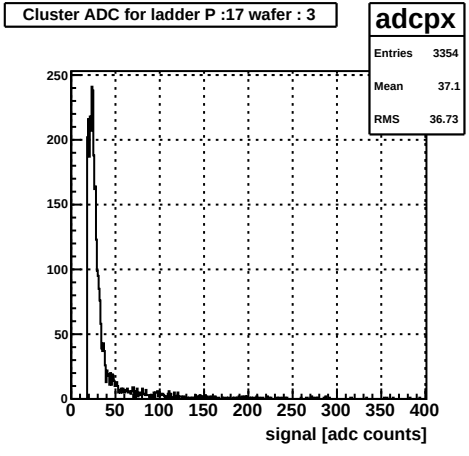

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 18118
Mean 28.35
RMS 19.99
signal [adc counts]

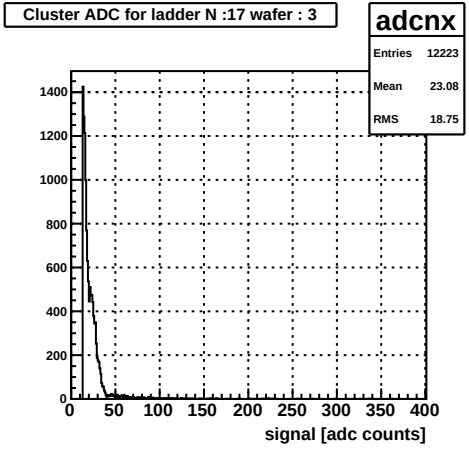

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 3456
Mean 28.06
RMS 33.96
signal [adc counts]

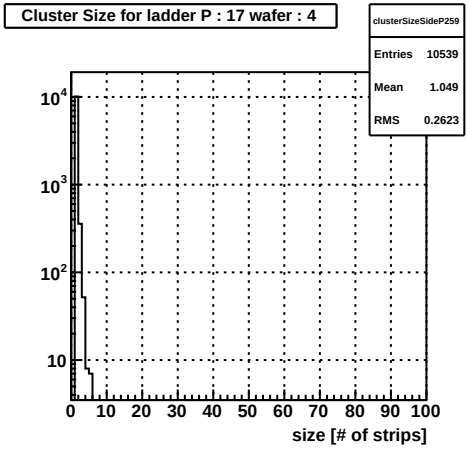

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3354
Mean 1.063
RMS 0.3053
size [# of strips]

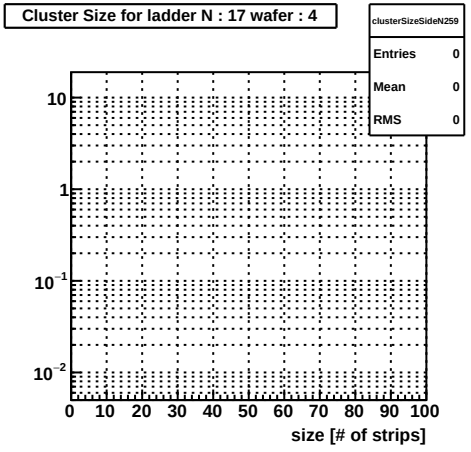

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 12223
Mean 1.113
RMS 0.4552
size [# of strips]

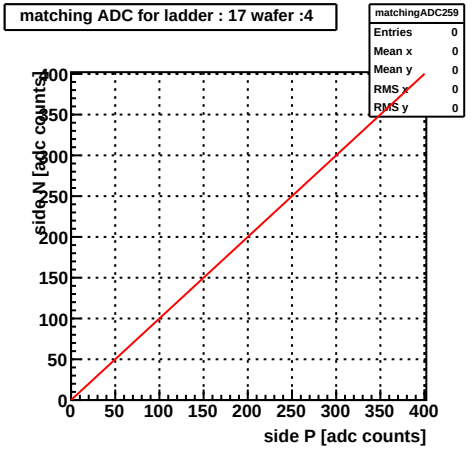

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 412
Mean x 73.4
Mean y 67.67
RMS x 59.05
RMS y 54.91
side N [adc counts]
side P [adc counts]

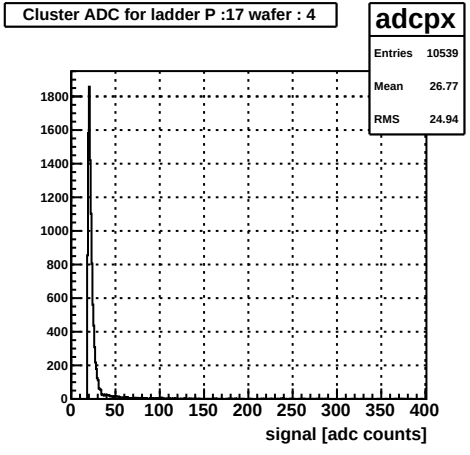

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3354
Mean 37.1
RMS 36.73
signal [adc counts]

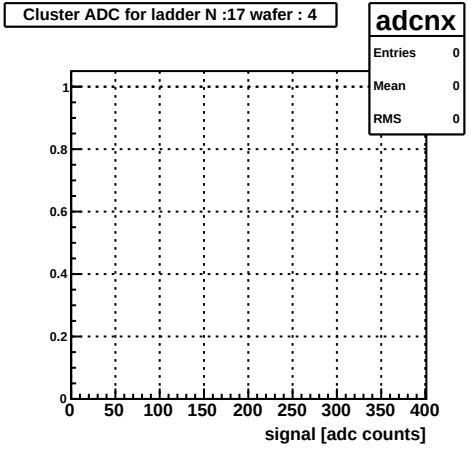

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 12223
Mean 23.08
RMS 18.75
signal [adc counts]

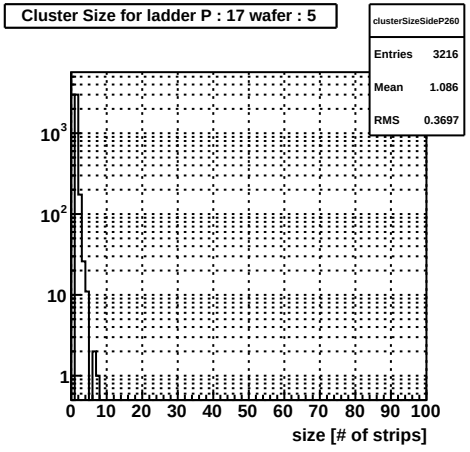

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10539
Mean 1.049
RMS 0.2623
size [# of strips]

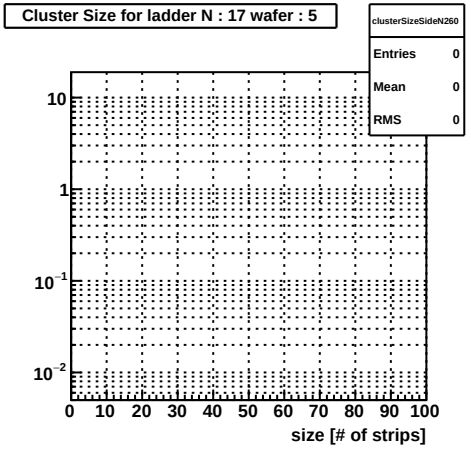

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

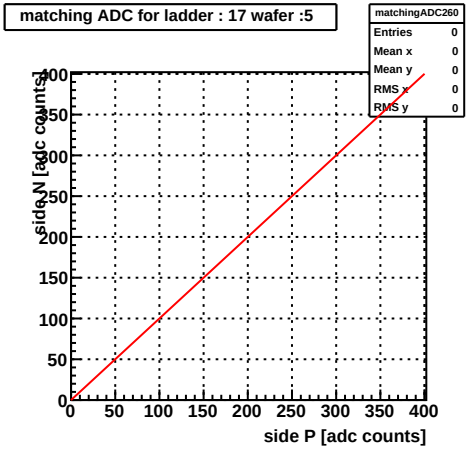

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

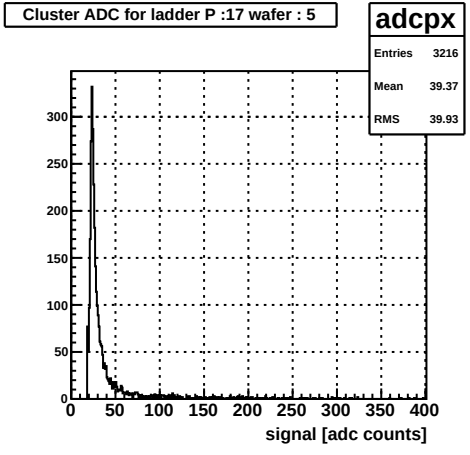

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10539
Mean 26.77
RMS 24.94
signal [adc counts]

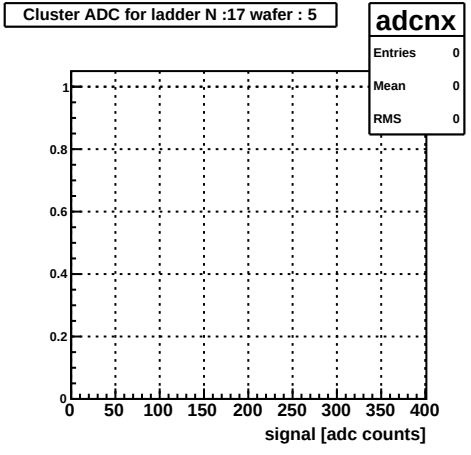

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

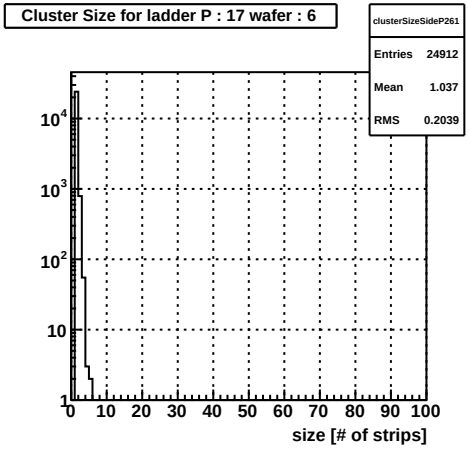

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3216
Mean 1.086
RMS 0.3697
size [# of strips]

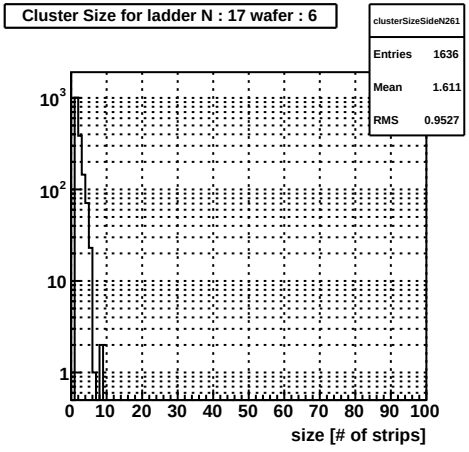

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

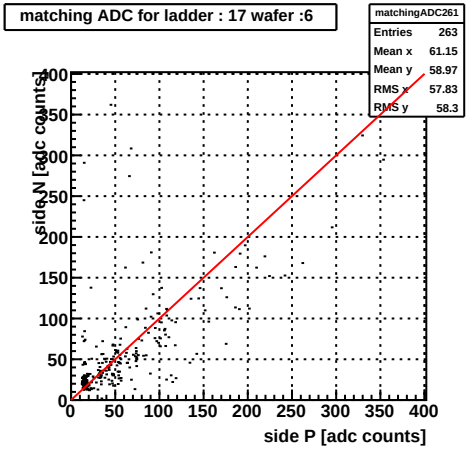

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

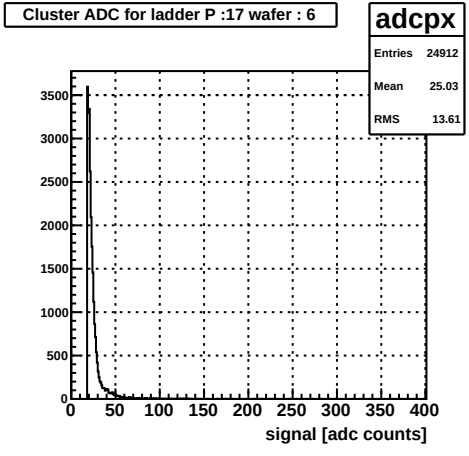

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3216
Mean 39.37
RMS 39.93
signal [adc counts]

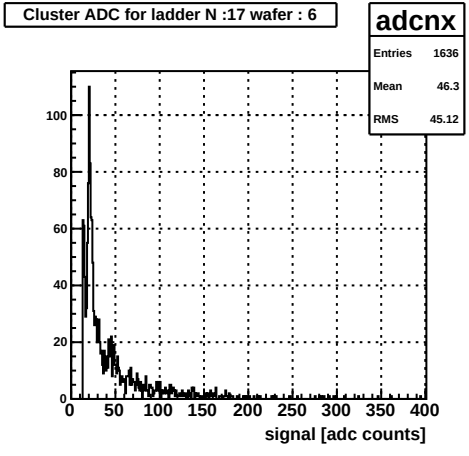

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

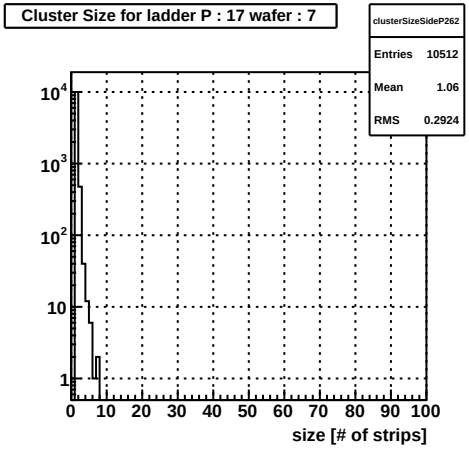

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 24912
Mean 1.037
RMS 0.2039
size [# of strips]

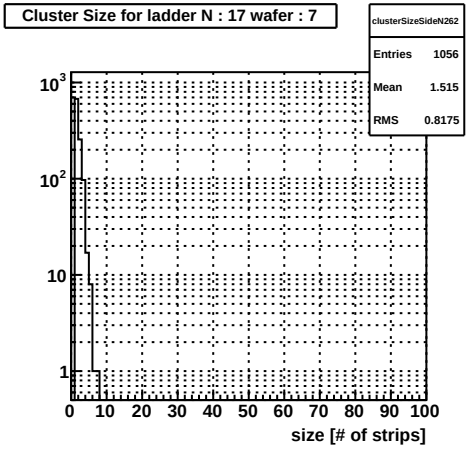

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1636
Mean 1.611
RMS 0.9527
size [# of strips]

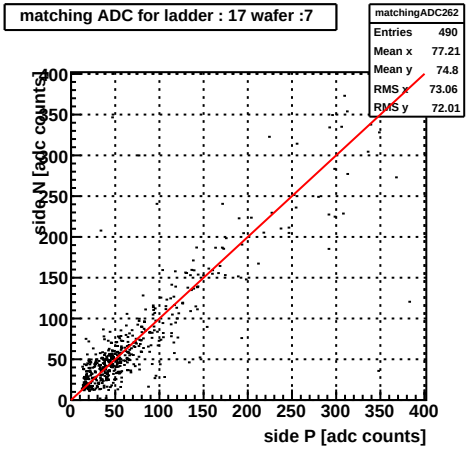

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 263
Mean x 61.15
Mean y 58.97
RMS x 57.83
RMS y 58.3
side N [adc counts]
side P [adc counts]

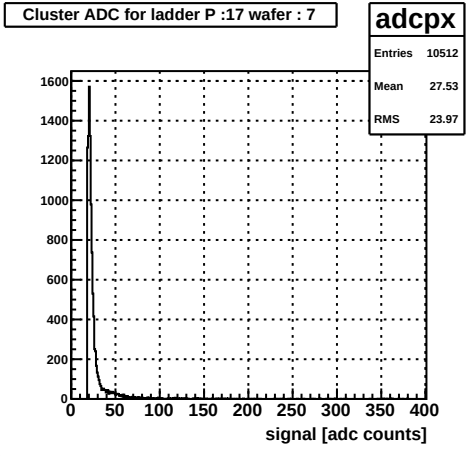

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 24912
Mean 25.03
RMS 13.61
signal [adc counts]

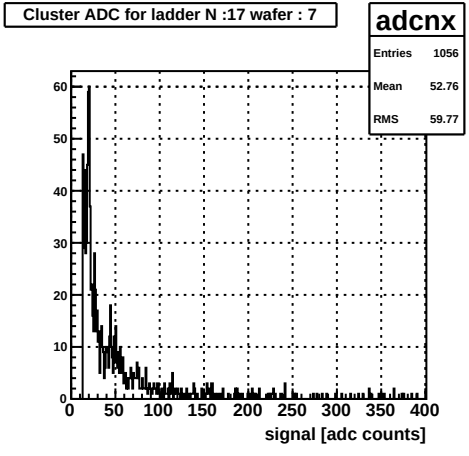

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1636
Mean 46.3
RMS 45.12
signal [adc counts]

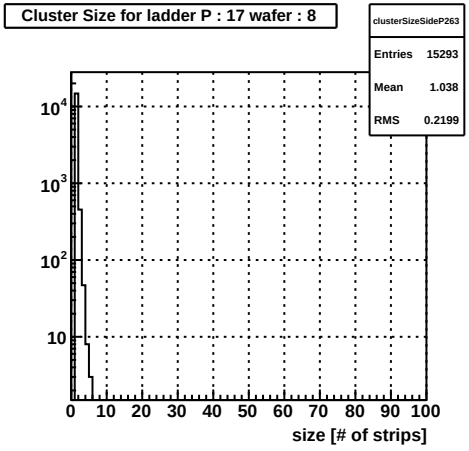

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10512
Mean 1.06
RMS 0.2924
size [# of strips]

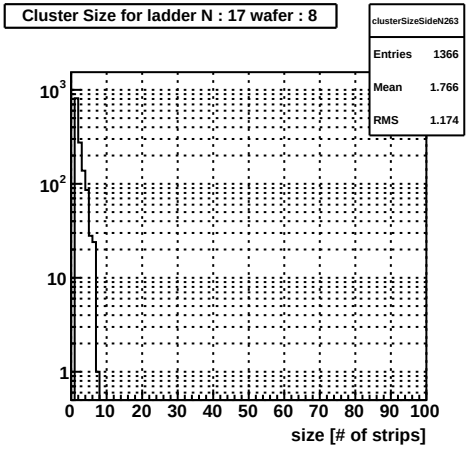

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1056
Mean 1.515
RMS 0.8175
size [# of strips]

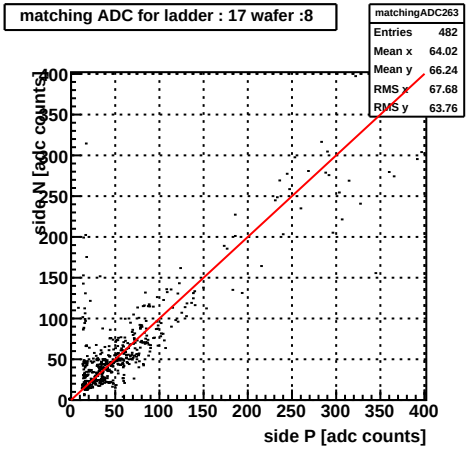

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 490
Mean x 77.21
Mean y 74.8
RMS x 73.06
RMS y 72.01
side N [adc counts]
side P [adc counts]

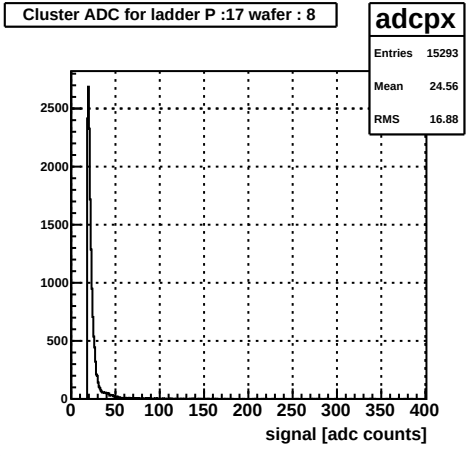

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10512
Mean 27.53
RMS 23.97
signal [adc counts]

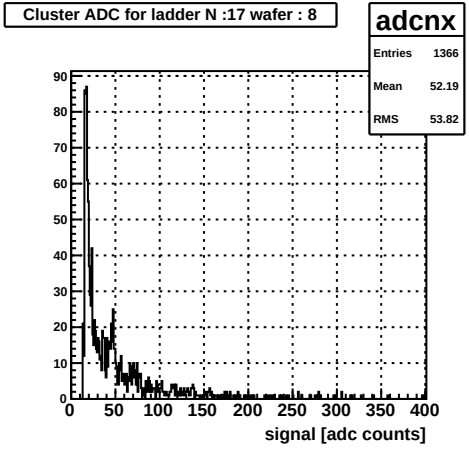

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1056
Mean 52.76
RMS 59.77
signal [adc counts]

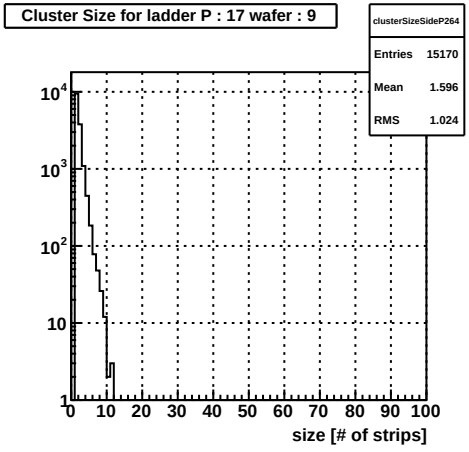

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 15293
Mean 1.038
RMS 0.2199
size [# of strips]

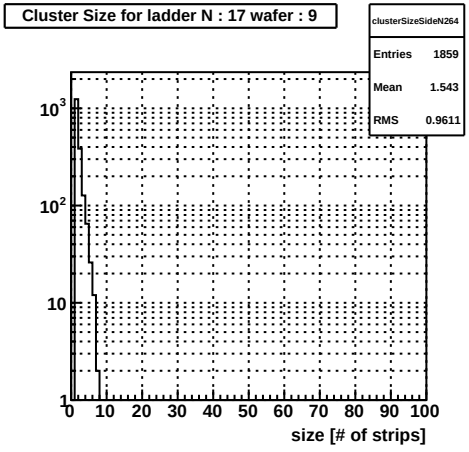

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1366
Mean 1.766
RMS 1.174
size [# of strips]

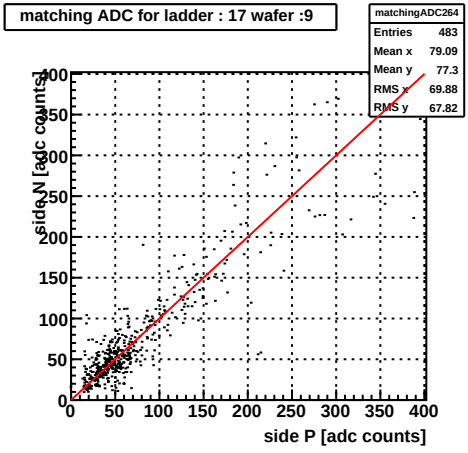

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 482
Mean x 64.02
Mean y 66.24
RMS x 67.68
RMS y 63.76
side N [adc counts]
side P [adc counts]

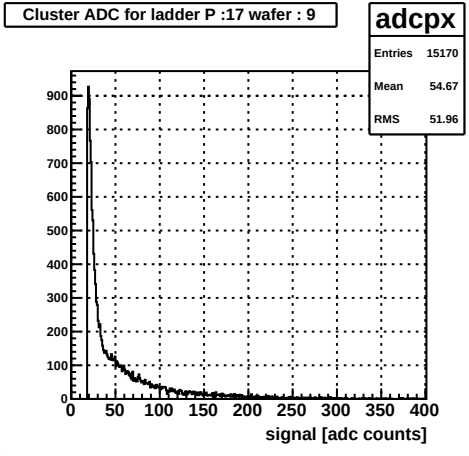

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 15293
Mean 24.56
RMS 16.88
signal [adc counts]

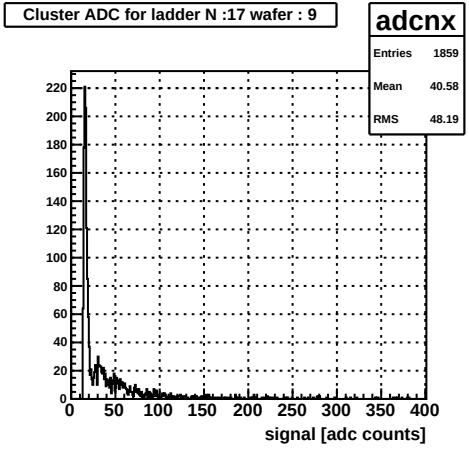

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1366
Mean 52.19
RMS 53.82
signal [adc counts]

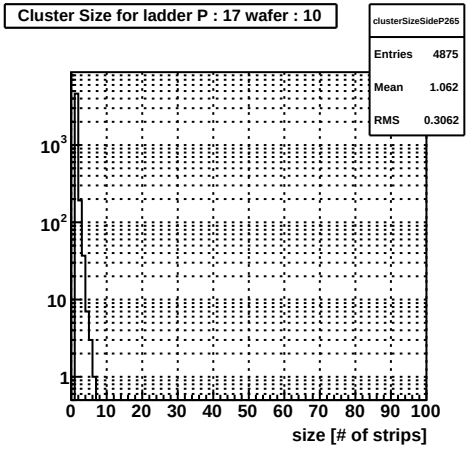

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 15170
Mean 1.596
RMS 1.024
size [# of strips]

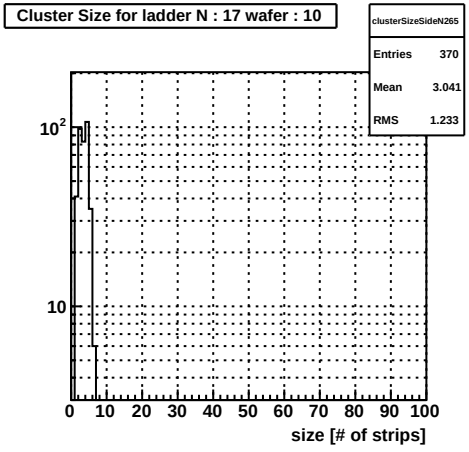

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 1859
Mean 1.543
RMS 0.9611
size [# of strips]

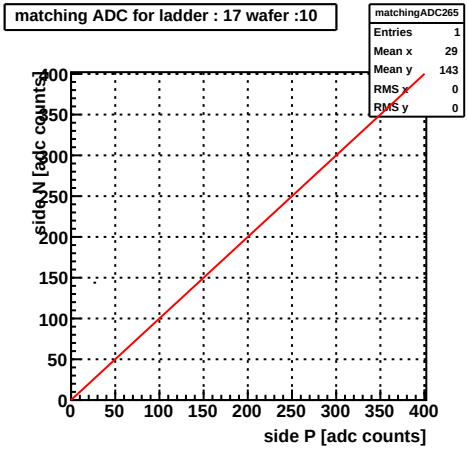

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 483
Mean x 79.09
Mean y 77.3
RMS x 69.88
RMS y 67.82
side N [adc counts]
side P [adc counts]

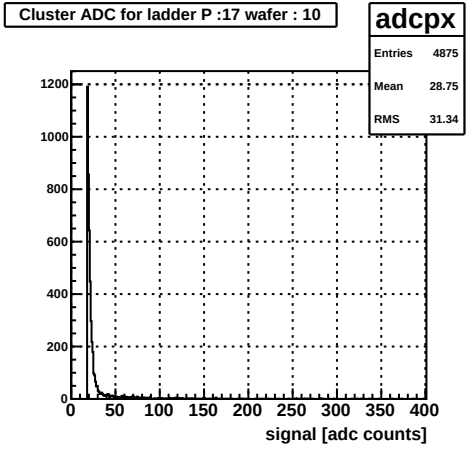

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 15170
Mean 54.67
RMS 51.96
signal [adc counts]

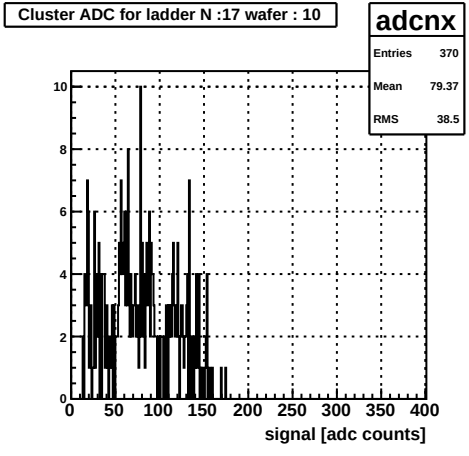

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 1859
Mean 40.58
RMS 48.19
signal [adc counts]

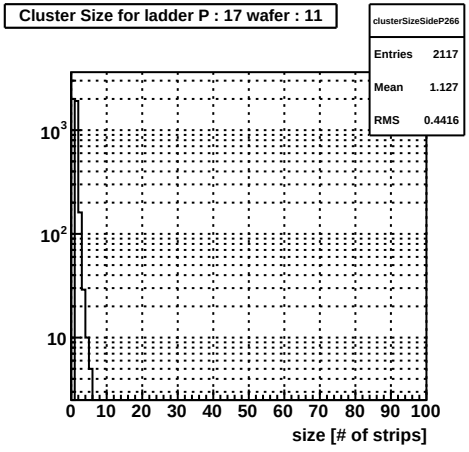

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4875
Mean 1.062
RMS 0.3062
size [# of strips]

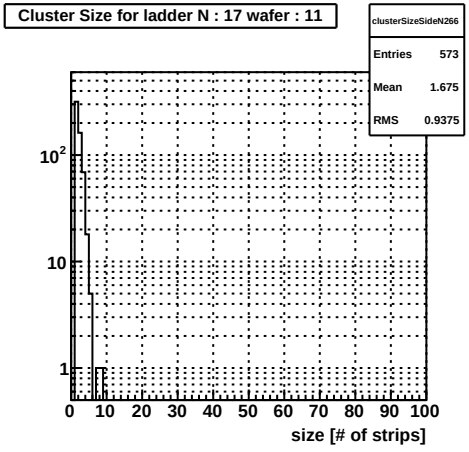

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 370
Mean 3.041
RMS 1.233
size [# of strips]

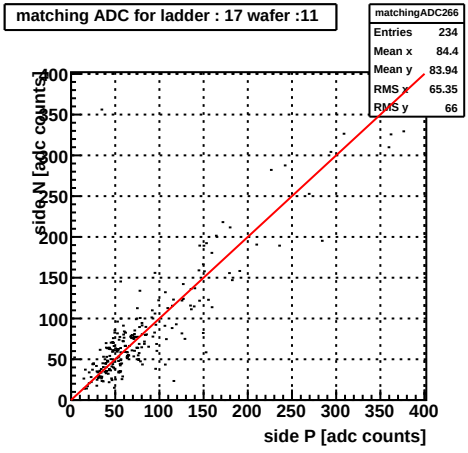

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 29
Mean y 143
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

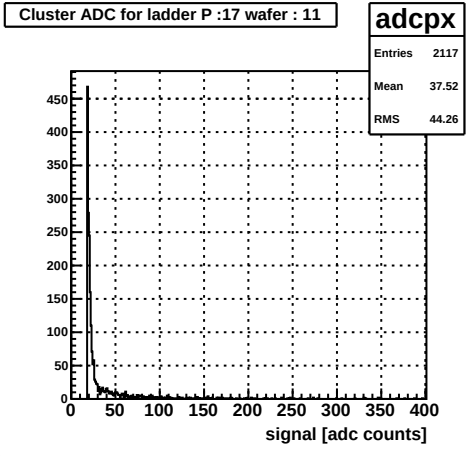

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4875
Mean 28.75
RMS 31.34
signal [adc counts]

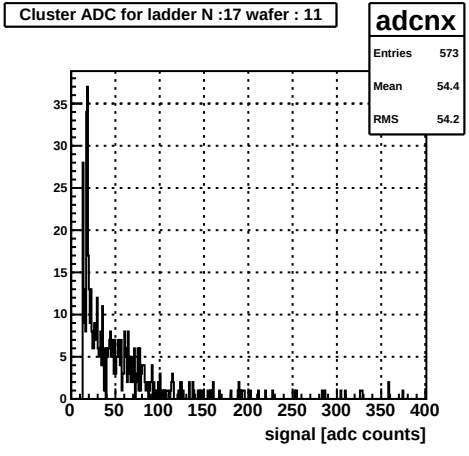

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 370
Mean 79.37
RMS 38.5
signal [adc counts]

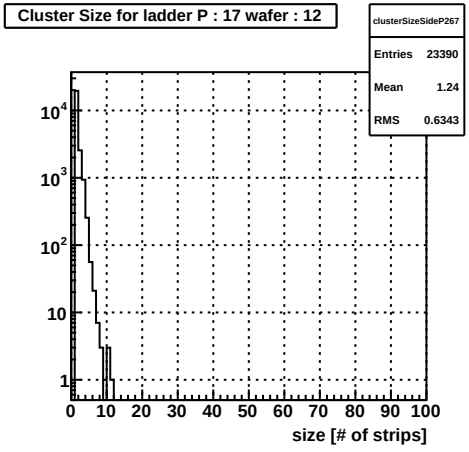

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2117
Mean 1.127
RMS 0.4416
size [# of strips]

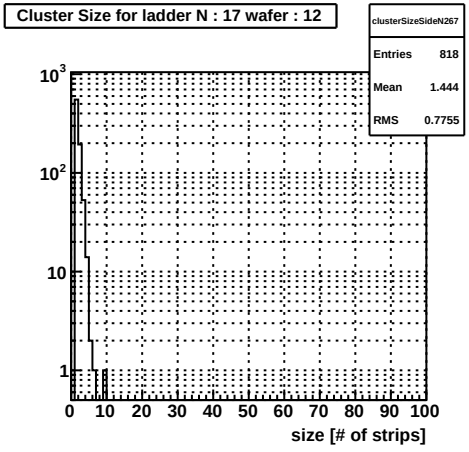

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 573
Mean 1.675
RMS 0.9375
size [# of strips]

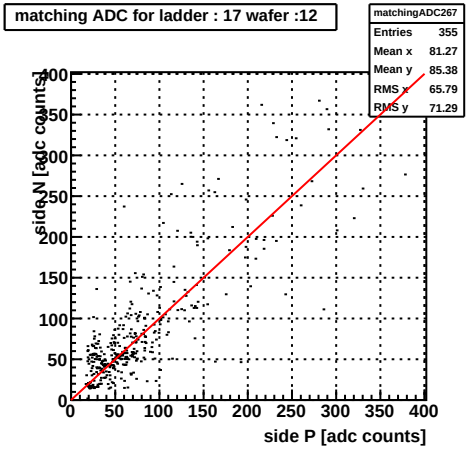

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 234
Mean x 84.4
Mean y 83.94
RMS x 65.35
RMS y 66
side N [adc counts]
side P [adc counts]

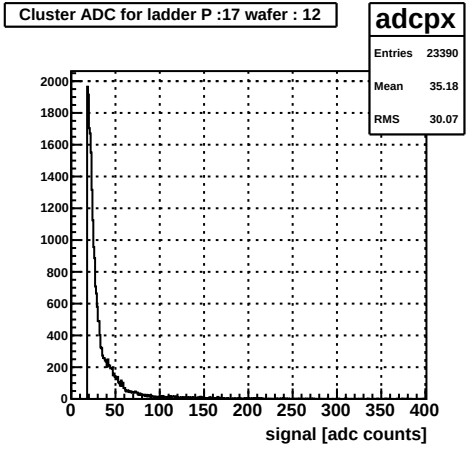

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2117
Mean 37.52
RMS 44.26
signal [adc counts]

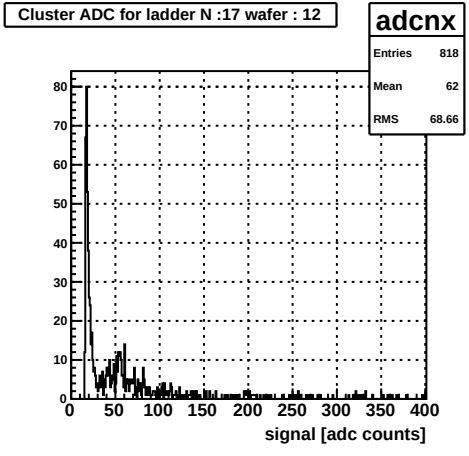

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 573
Mean 54.4
RMS 54.2
signal [adc counts]

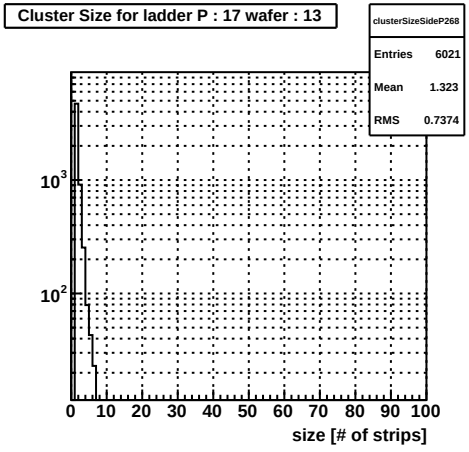

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 23390
Mean 1.24
RMS 0.6343
size [# of strips]

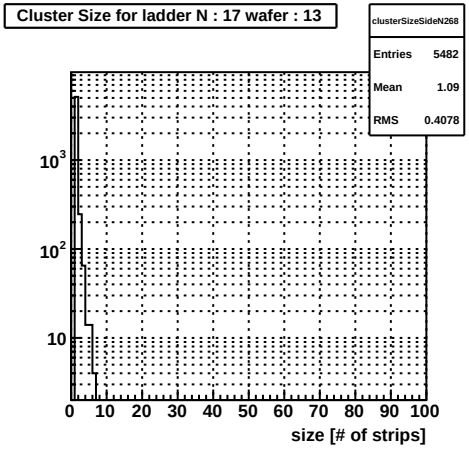

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 818
Mean 1.444
RMS 0.7755
size [# of strips]

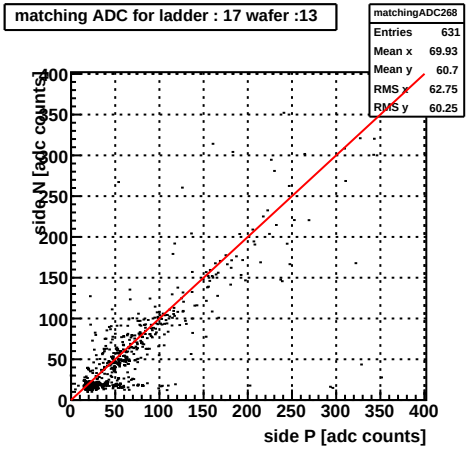

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 355
Mean x 81.27
Mean y 85.38
RMS x 65.79
RMS y 71.29
side N [adc counts]
side P [adc counts]

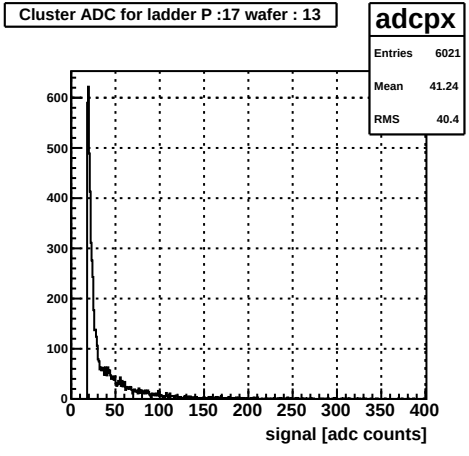

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 23390
Mean 35.18
RMS 30.07
signal [adc counts]

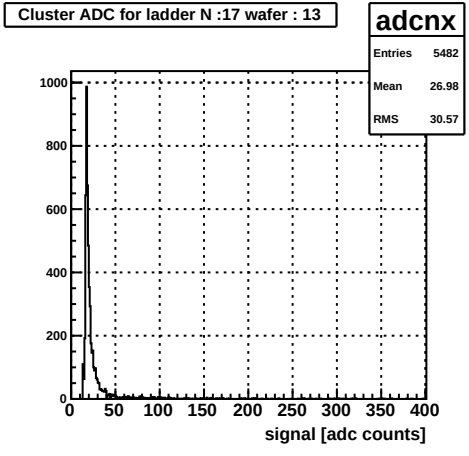

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 818
Mean 62
RMS 68.66
signal [adc counts]

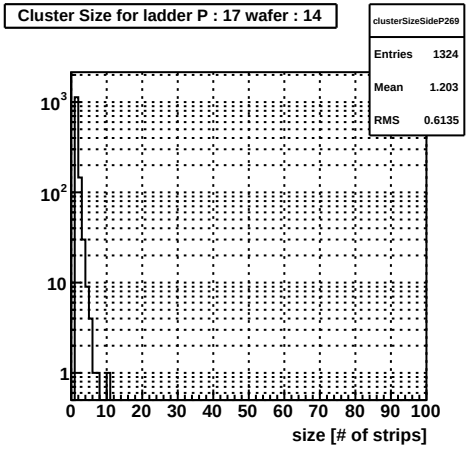

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6021
Mean 1.323
RMS 0.7374
size [# of strips]

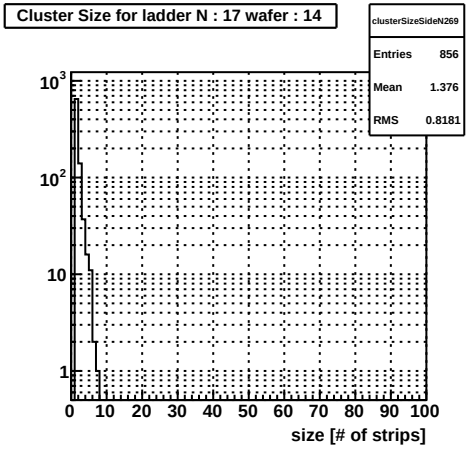

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 5482
Mean 1.09
RMS 0.4078
size [# of strips]

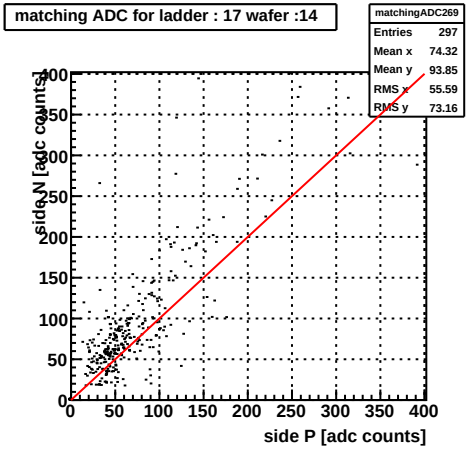

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 631
Mean x 69.93
Mean y 60.7
RMS x 62.75
RMS y 60.25
side N [adc counts]
side P [adc counts]

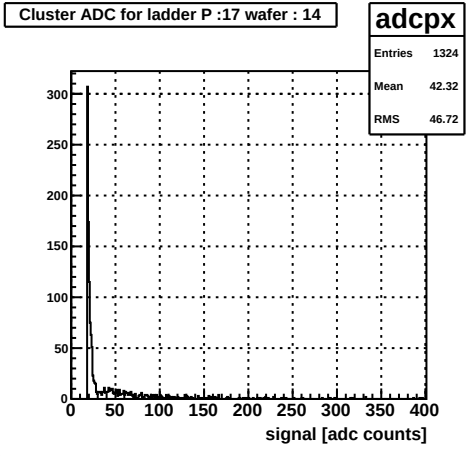

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6021
Mean 41.24
RMS 40.4
signal [adc counts]

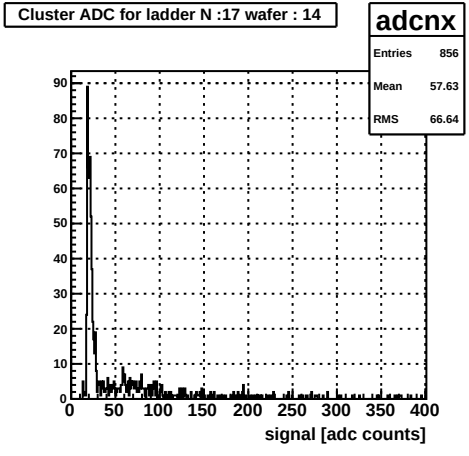

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 5482
Mean 26.98
RMS 30.57
signal [adc counts]

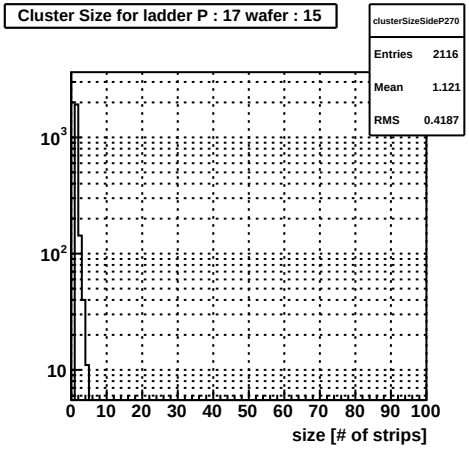

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1324
Mean 1.203
RMS 0.6135
size [# of strips]

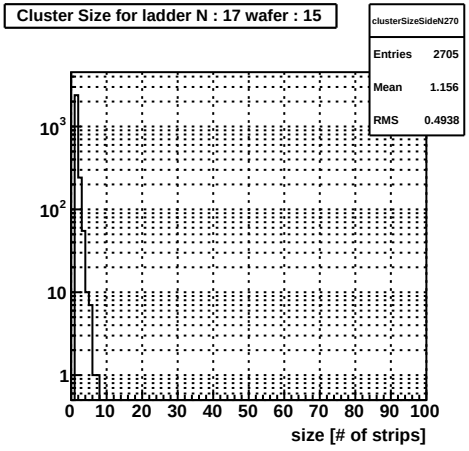

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 856
Mean 1.376
RMS 0.8181
size [# of strips]

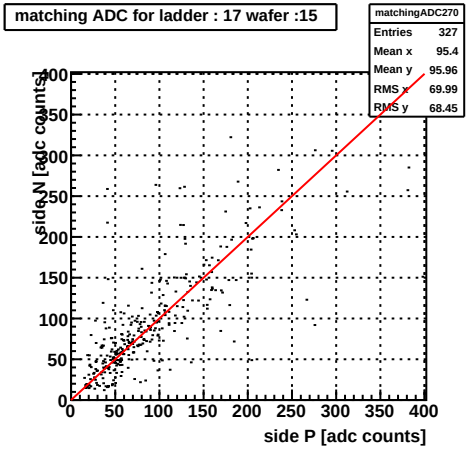

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 297
Mean x 74.32
Mean y 93.85
RMS x 55.59
RMS y 73.16
side N [adc counts]
side P [adc counts]

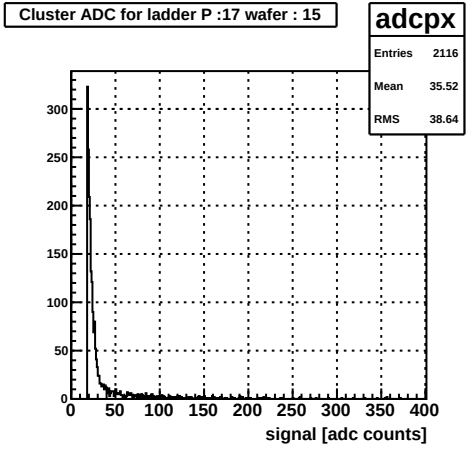

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1324
Mean 42.32
RMS 46.72
signal [adc counts]

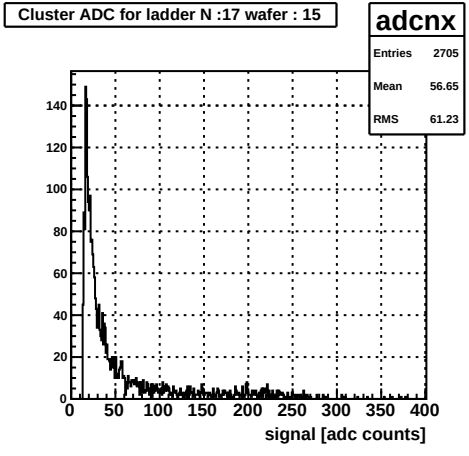

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 856
Mean 57.63
RMS 66.64
signal [adc counts]

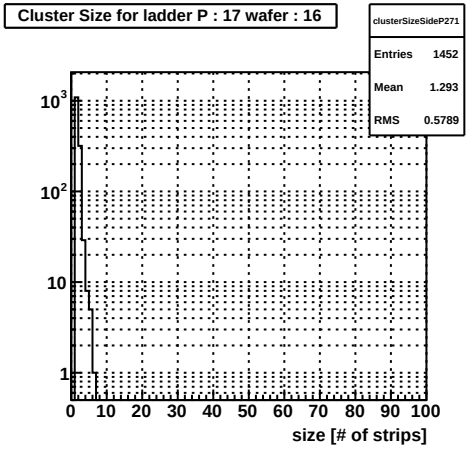

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2116
Mean 1.121
RMS 0.4187
size [# of strips]

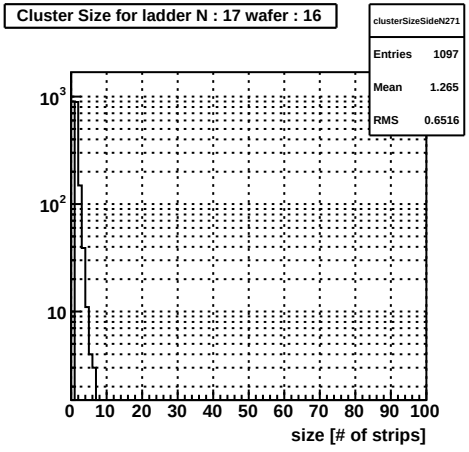

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2705
Mean 1.156
RMS 0.4938
size [# of strips]

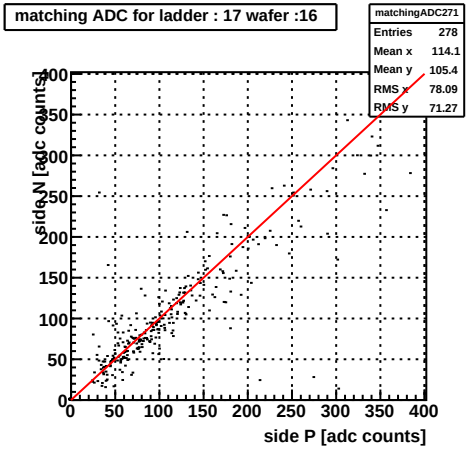

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 327
Mean x 95.4
Mean y 95.96
RMS x 69.99
RMS y 68.45
side N [adc counts]
side P [adc counts]

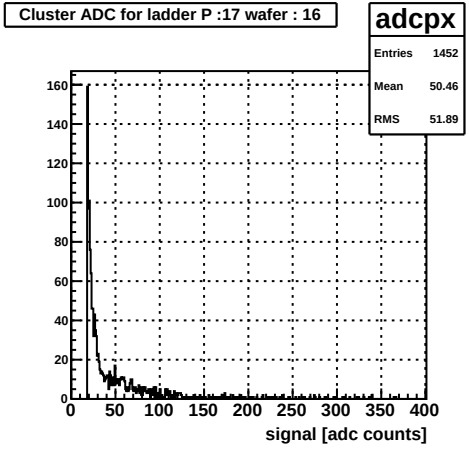

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2116
Mean 35.52
RMS 38.64
signal [adc counts]

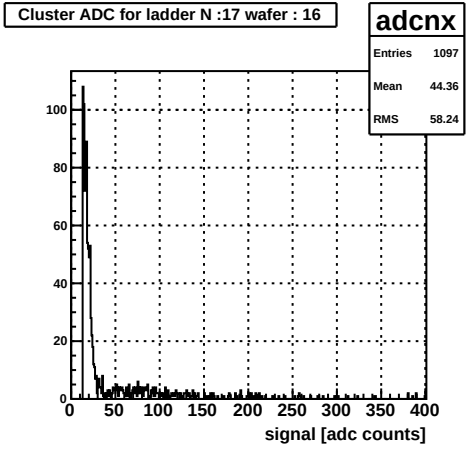

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2705
Mean 56.65
RMS 61.23
signal [adc counts]

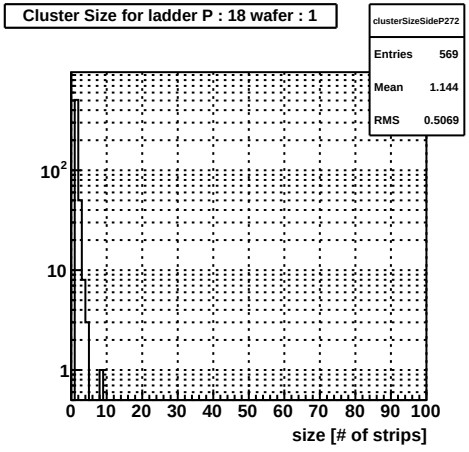

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1452
Mean 1.293
RMS 0.5789
size [# of strips]

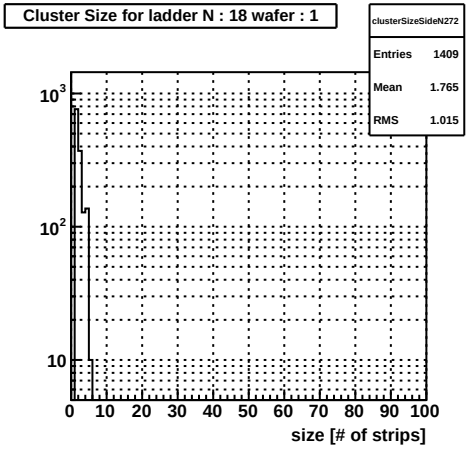

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1097
Mean 1.265
RMS 0.6516
size [# of strips]

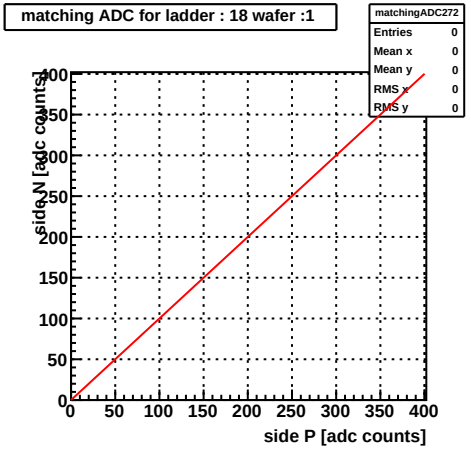

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 278
Mean x 114.1
Mean y 105.4
RMS x 78.09
RMS y 71.27
side N [adc counts]
side P [adc counts]

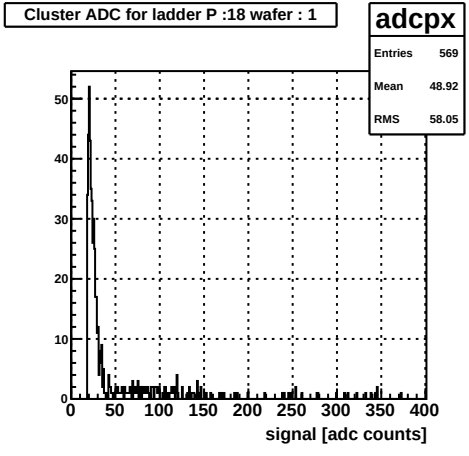

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1452
Mean 50.46
RMS 51.89
signal [adc counts]

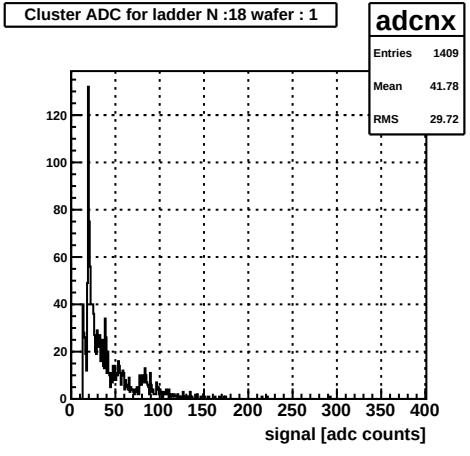

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1097
Mean 44.36
RMS 58.24
signal [adc counts]

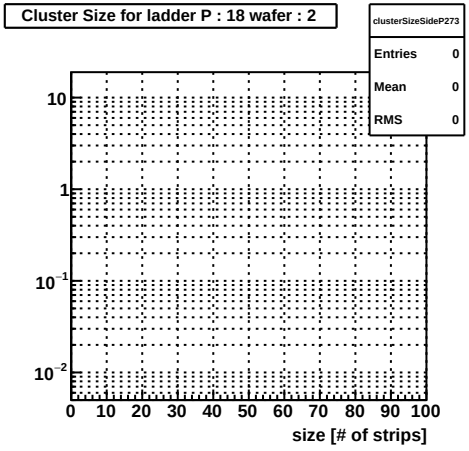

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 569
Mean 1.144
RMS 0.5069
size [# of strips]

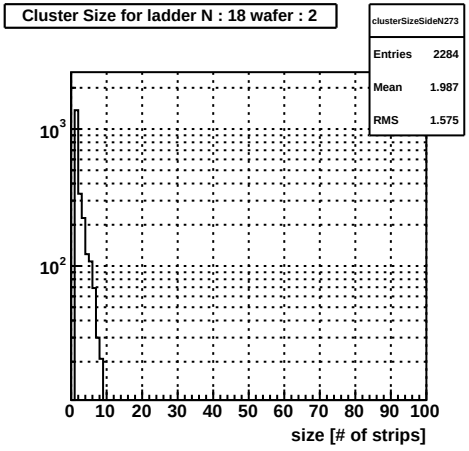

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1409
Mean 1.765
RMS 1.015
size [# of strips]

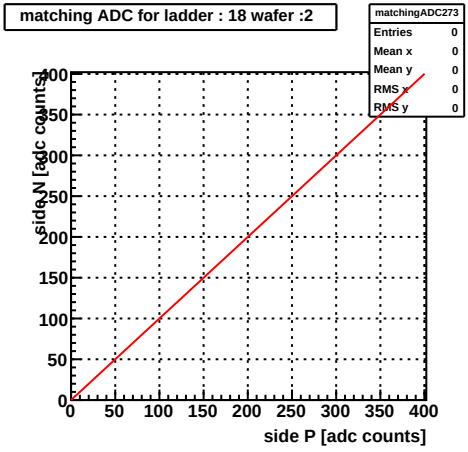

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

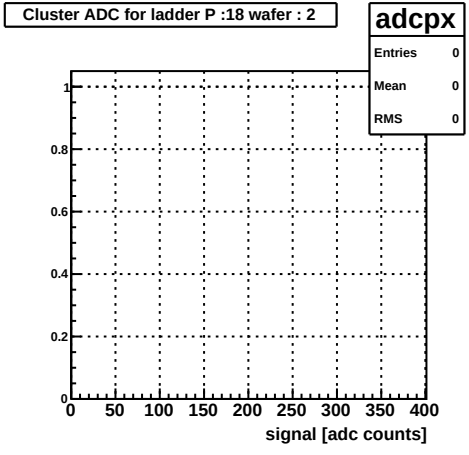

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 569
Mean 48.92
RMS 58.05
signal [adc counts]

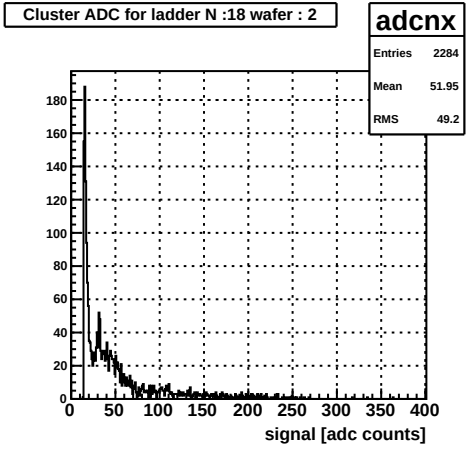

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1409
Mean 41.78
RMS 29.72
signal [adc counts]

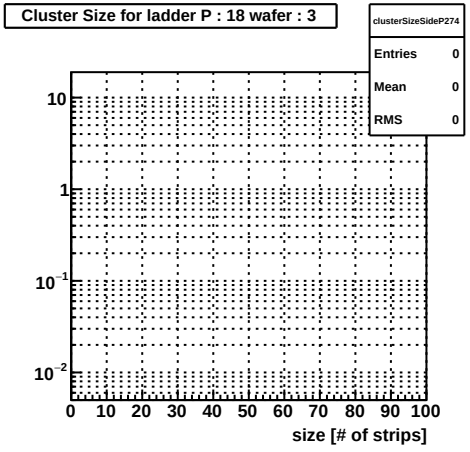

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

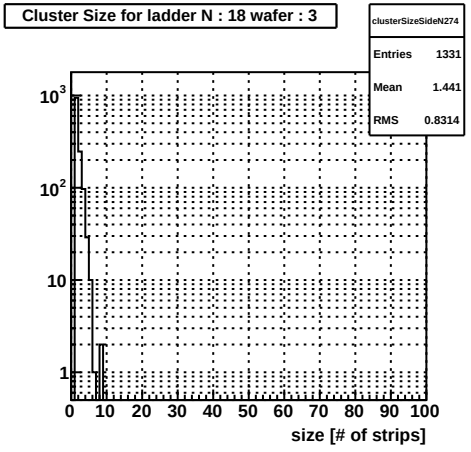

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2284
Mean 1.987
RMS 1.575
size [# of strips]

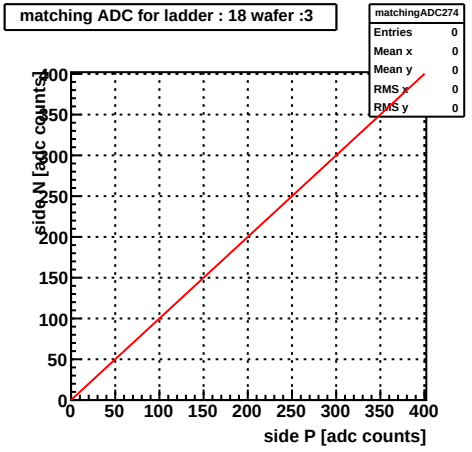

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

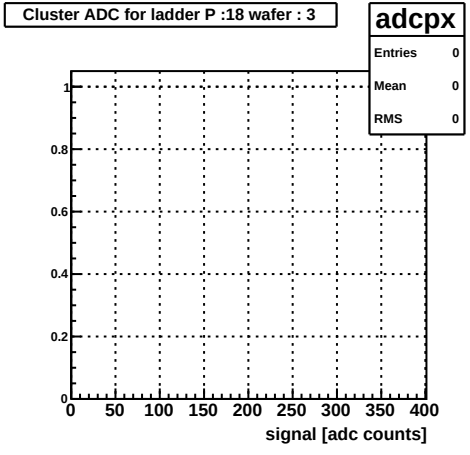

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

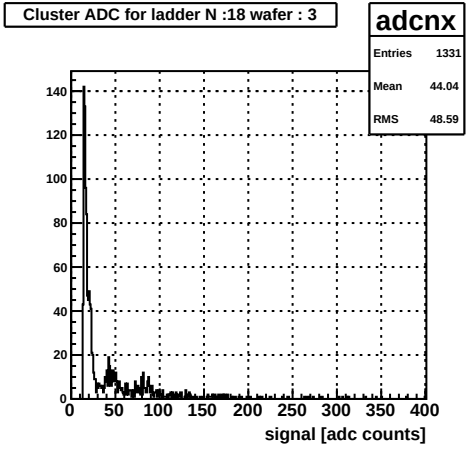

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2284
Mean 51.95
RMS 49.2
signal [adc counts]

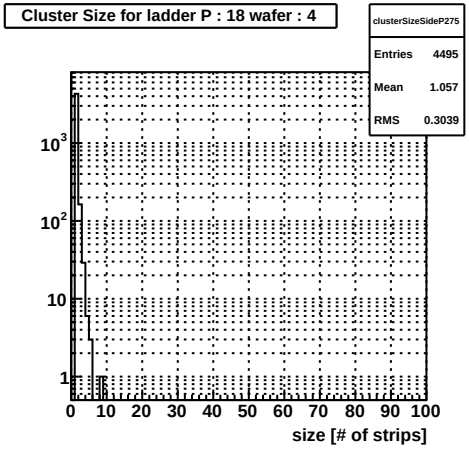

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

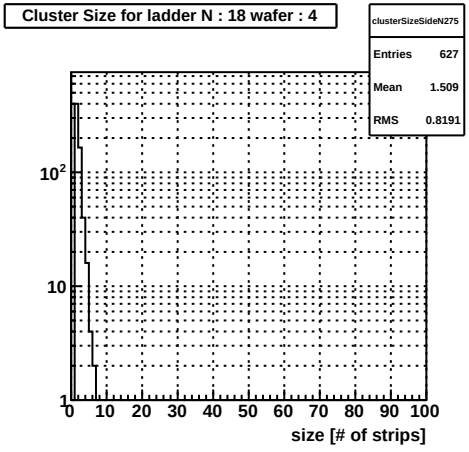

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1331
Mean 1.441
RMS 0.8314
size [# of strips]

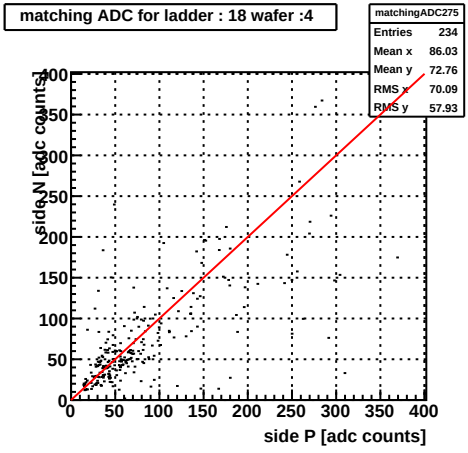

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

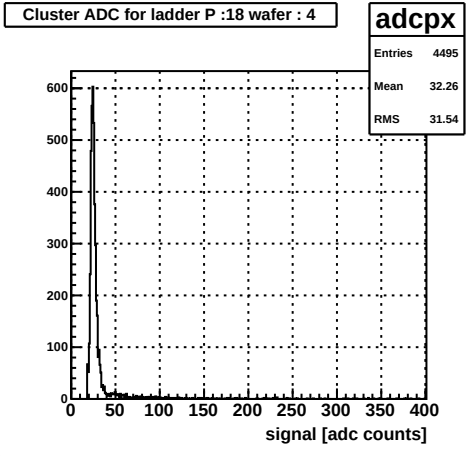

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

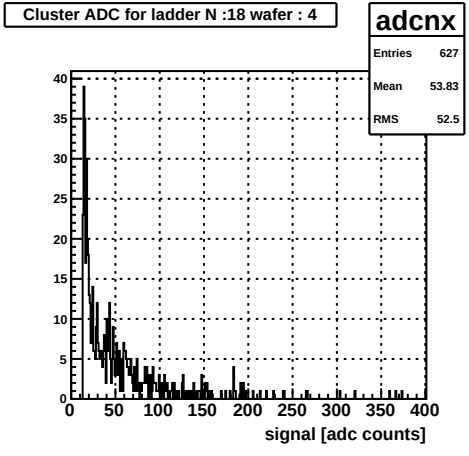

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1331
Mean 44.04
RMS 48.59
signal [adc counts]

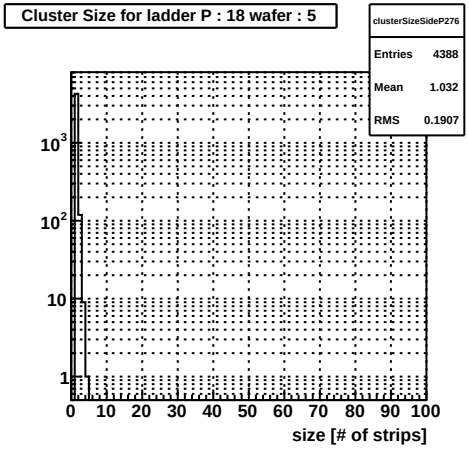

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4495
Mean 1.057
RMS 0.3039
size [# of strips]

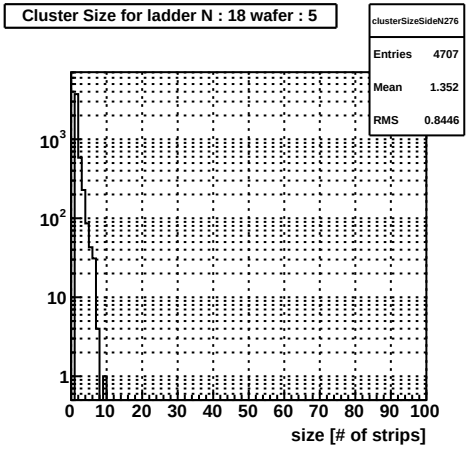

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 627
Mean 1.509
RMS 0.8191
size [# of strips]

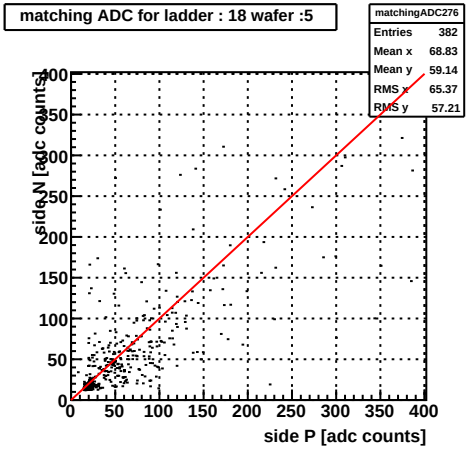

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 234
Mean x 86.03
Mean y 72.76
RMS x 70.09
RMS y 57.93
side N [adc counts]
side P [adc counts]

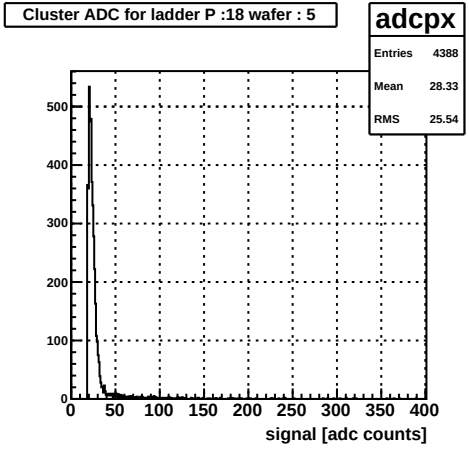

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4495
Mean 32.26
RMS 31.54
signal [adc counts]

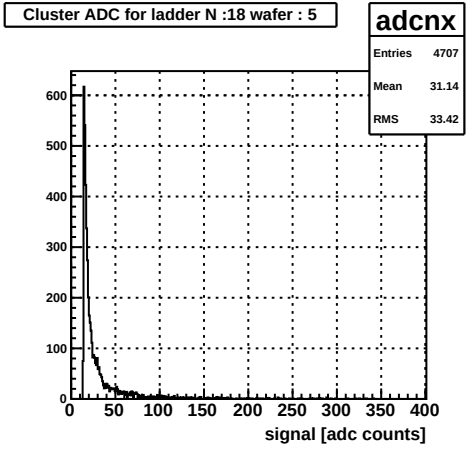

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 627
Mean 53.83
RMS 52.5
signal [adc counts]

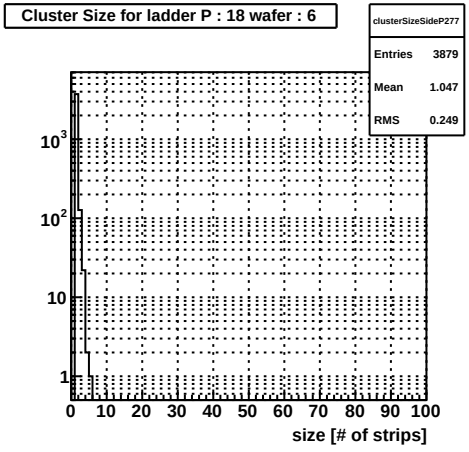

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4388
Mean 1.032
RMS 0.1907
size [# of strips]

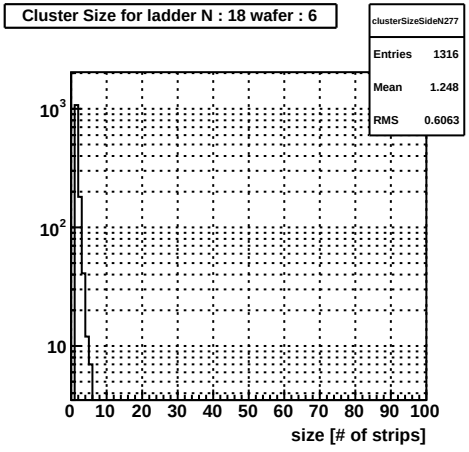

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 4707
Mean 1.352
RMS 0.8446
size [# of strips]

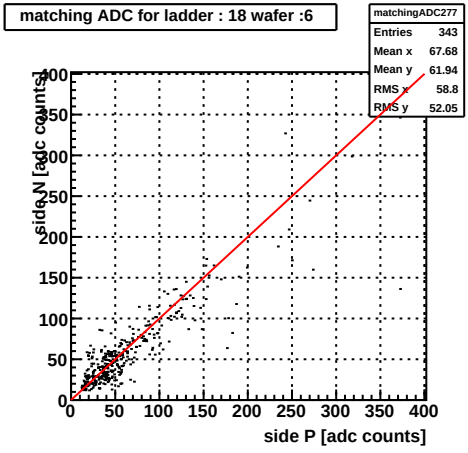

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 382
Mean x 68.83
Mean y 59.14
RMS x 65.37
RMS y 57.21
side N [adc counts]
side P [adc counts]

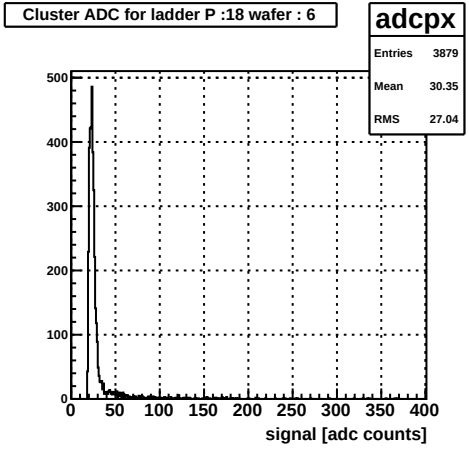

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4388
Mean 28.33
RMS 25.54
signal [adc counts]

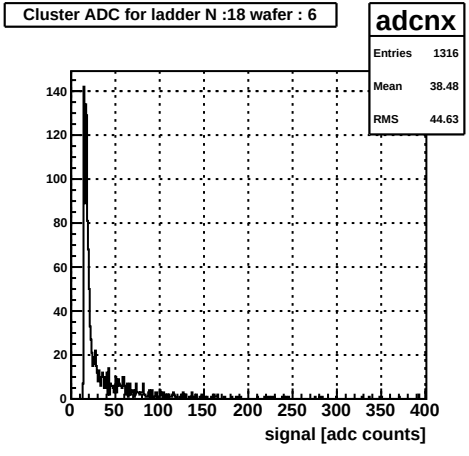

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 4707
Mean 31.14
RMS 33.42
signal [adc counts]

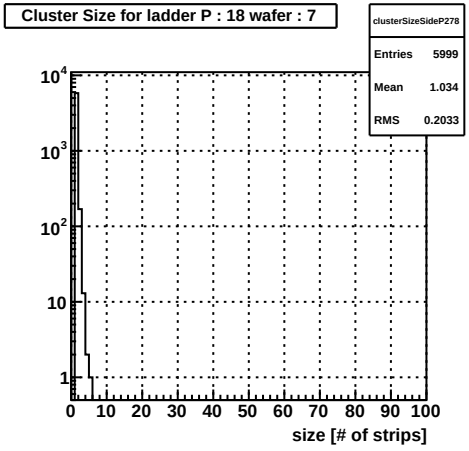

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3879
Mean 1.047
RMS 0.249
size [# of strips]

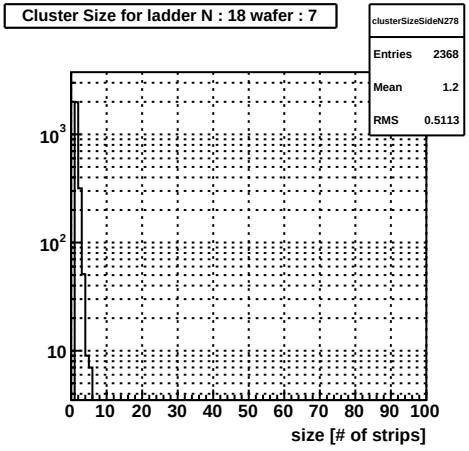

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1316
Mean 1.248
RMS 0.6063
size [# of strips]

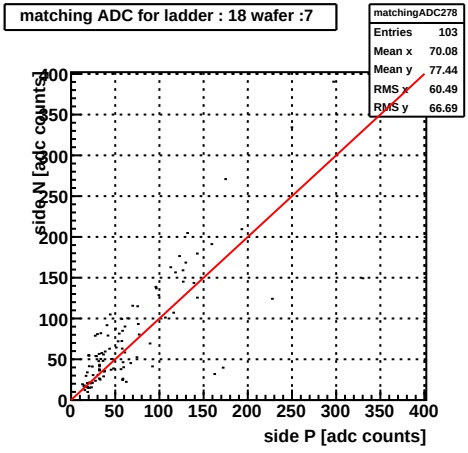

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 343
Mean x 67.68
Mean y 61.94
RMS x 58.8
RMS y 52.05
side N [adc counts]
side P [adc counts]

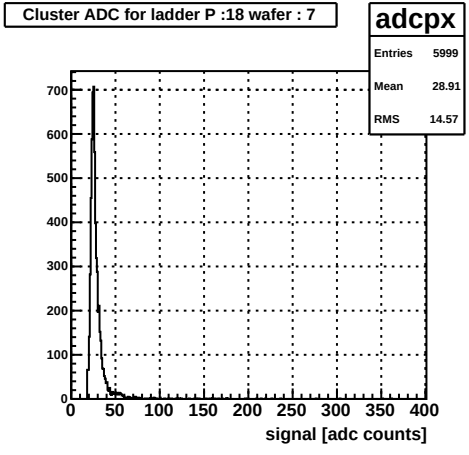

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3879
Mean 30.35
RMS 27.04
signal [adc counts]

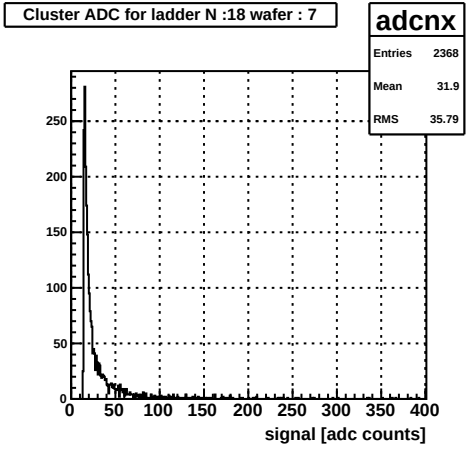

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1316
Mean 38.48
RMS 44.63
signal [adc counts]

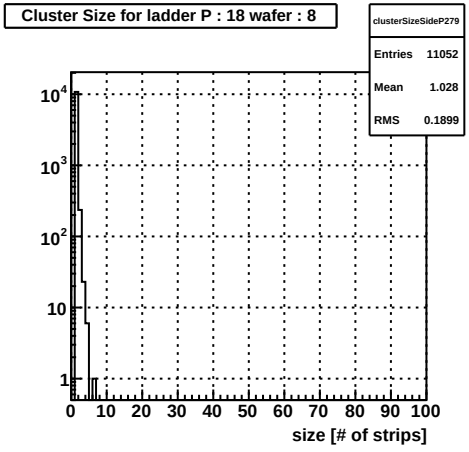

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5999
Mean 1.034
RMS 0.2033
size [# of strips]

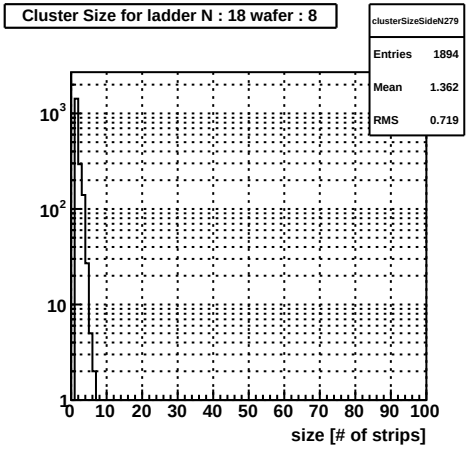

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2368
Mean 1.2
RMS 0.5113
size [# of strips]

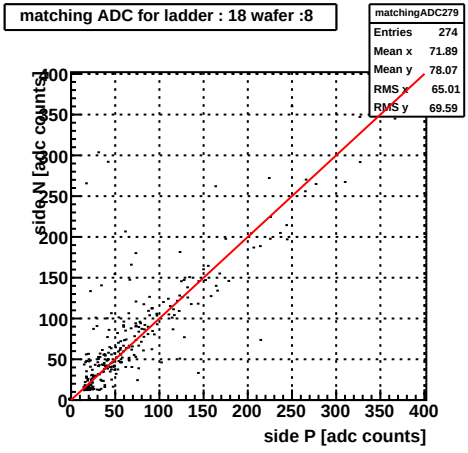

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 103
Mean x 70.08
Mean y 77.44
RMS x 60.49
RMS y 66.69
side N [adc counts]
side P [adc counts]

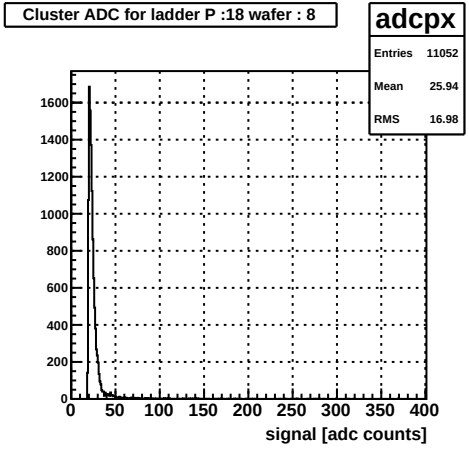

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5999
Mean 28.91
RMS 14.57
signal [adc counts]

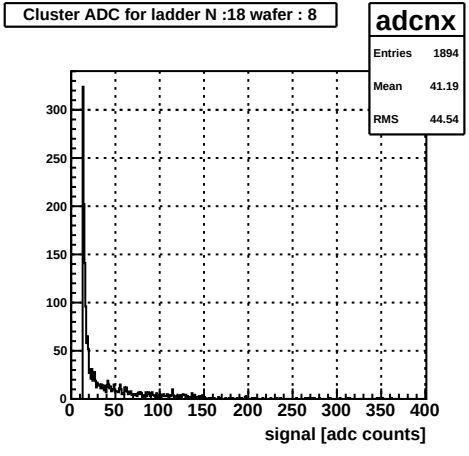

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2368
Mean 31.9
RMS 35.79
signal [adc counts]

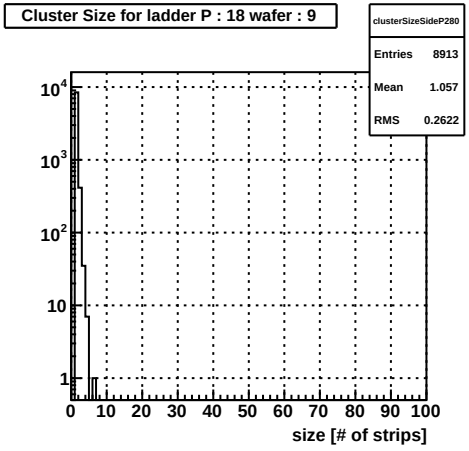

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11052
Mean 1.028
RMS 0.1899
size [# of strips]

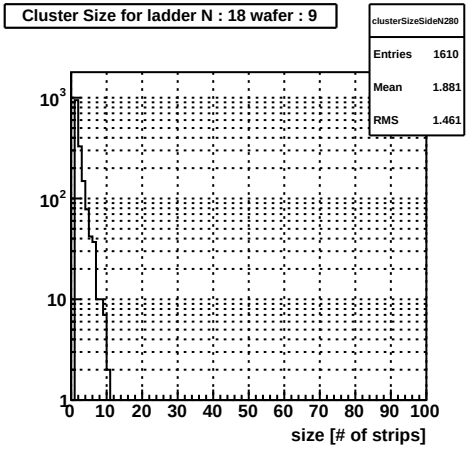

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1894
Mean 1.362
RMS 0.719
size [# of strips]

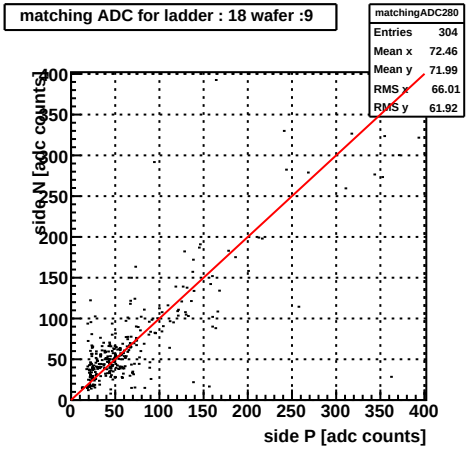

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 274
Mean x 71.89
Mean y 78.07
RMS x 65.01
RMS y 69.59
side N [adc counts]
side P [adc counts]

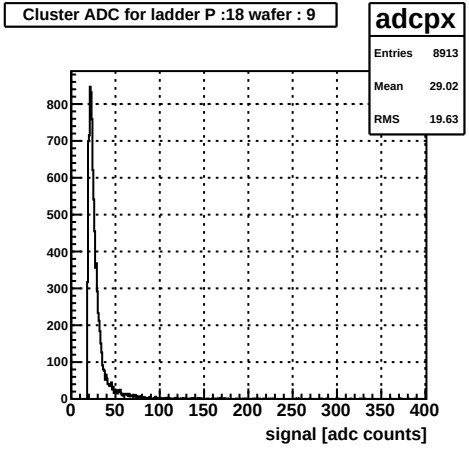

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11052
Mean 25.94
RMS 16.98
signal [adc counts]

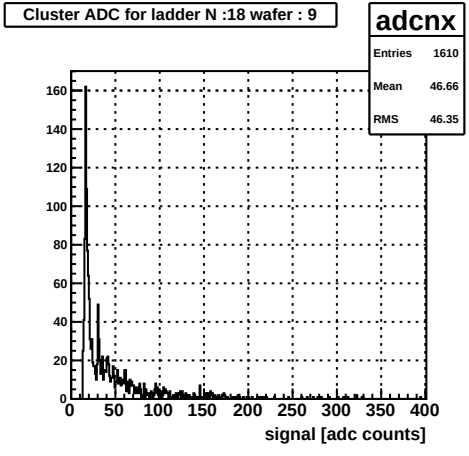

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1894
Mean 41.19
RMS 44.54
signal [adc counts]

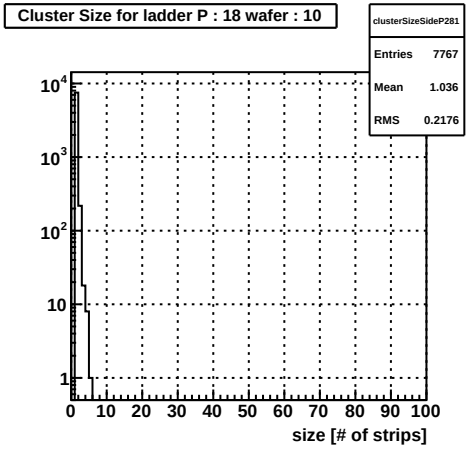

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 8913
Mean 1.057
RMS 0.2622
size [# of strips]

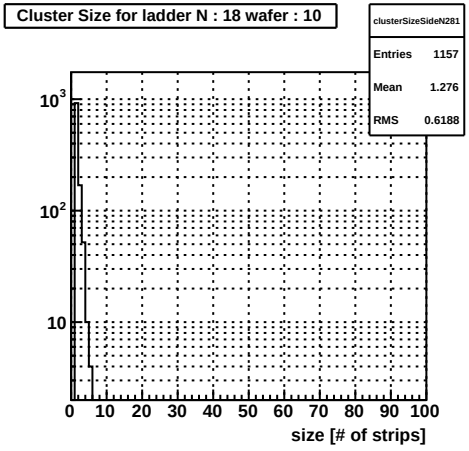

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1610
Mean 1.881
RMS 1.461
size [# of strips]

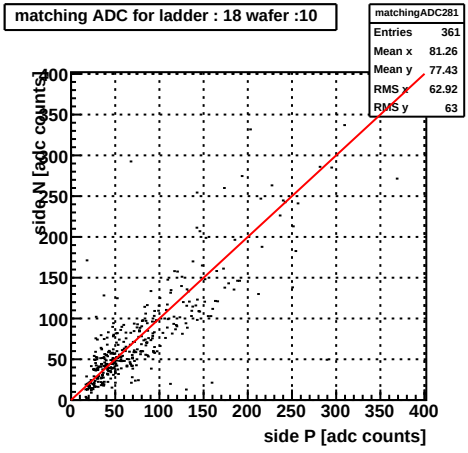

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 304
Mean x 72.46
Mean y 71.99
RMS x 66.01
RMS y 61.92
side N [adc counts]
side P [adc counts]

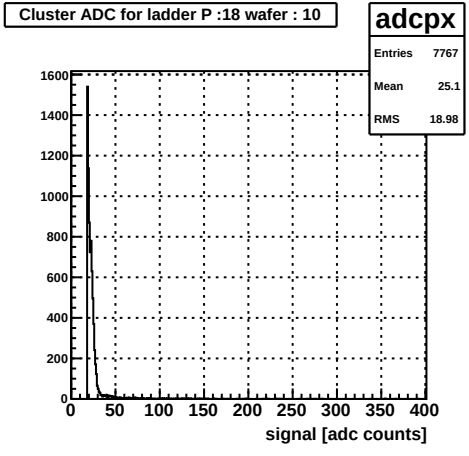

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 8913
Mean 29.02
RMS 19.63
signal [adc counts]

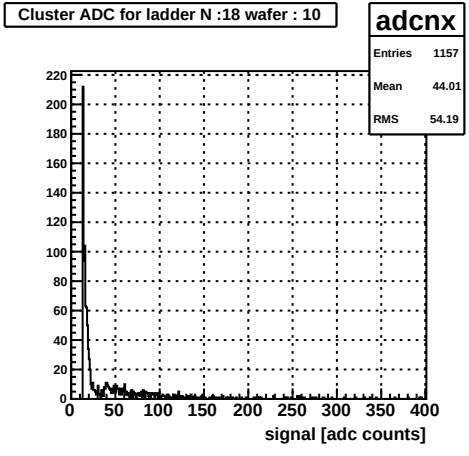

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1610
Mean 46.66
RMS 46.35
signal [adc counts]

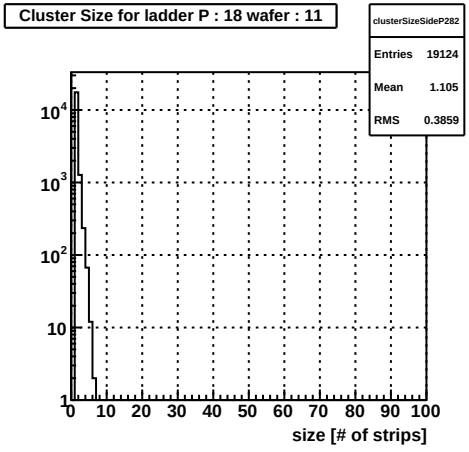

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7767
Mean 1.036
RMS 0.2176
size [# of strips]

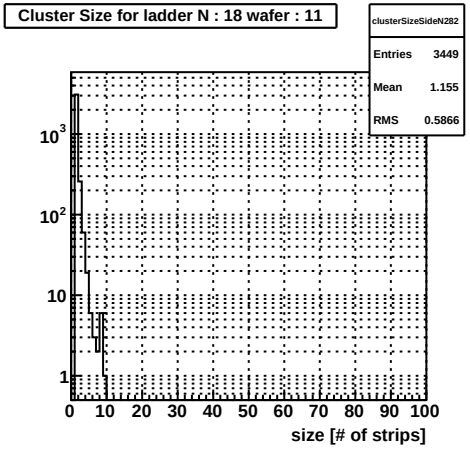

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1157
Mean 1.276
RMS 0.6188
size [# of strips]

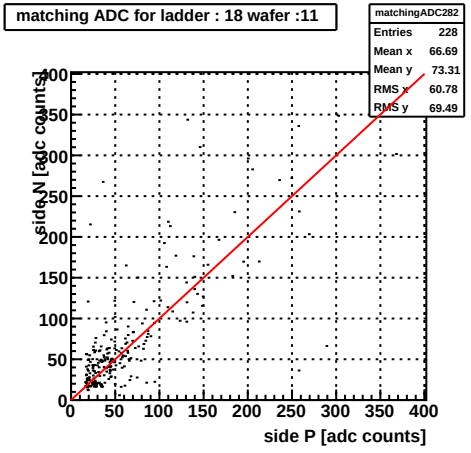

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 361
Mean x 81.26
Mean y 77.43
RMS x 62.92
RMS y 63
side N [adc counts]
side P [adc counts]

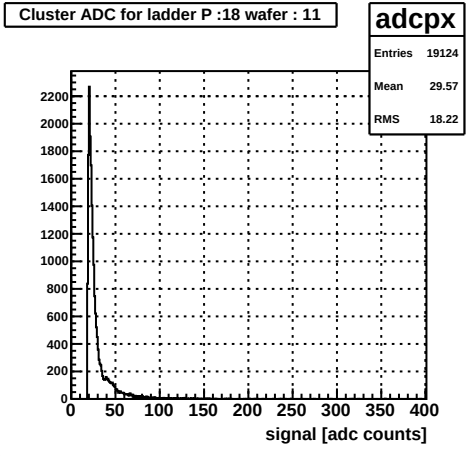

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7767
Mean 25.1
RMS 18.98
signal [adc counts]

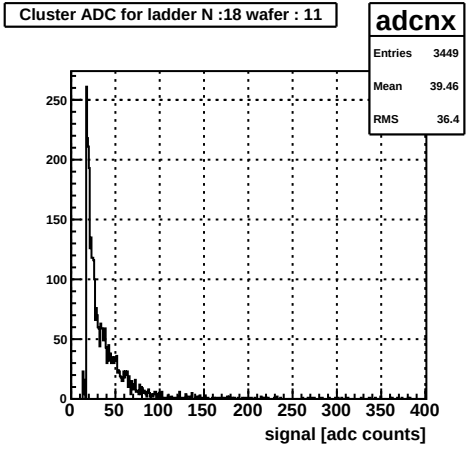

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1157
Mean 44.01
RMS 54.19
signal [adc counts]

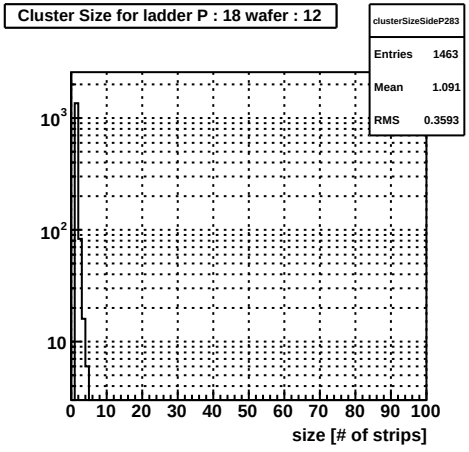

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 19124
Mean 1.105
RMS 0.3859
size [# of strips]

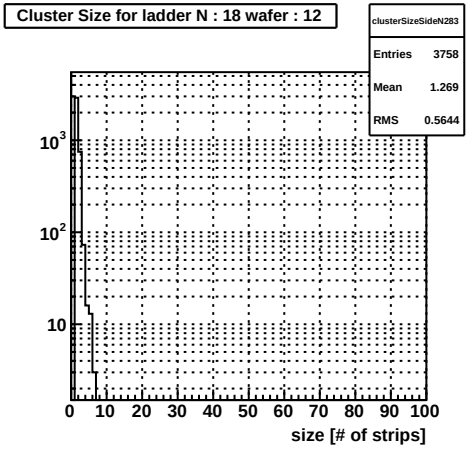

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3449
Mean 1.155
RMS 0.5866
size [# of strips]

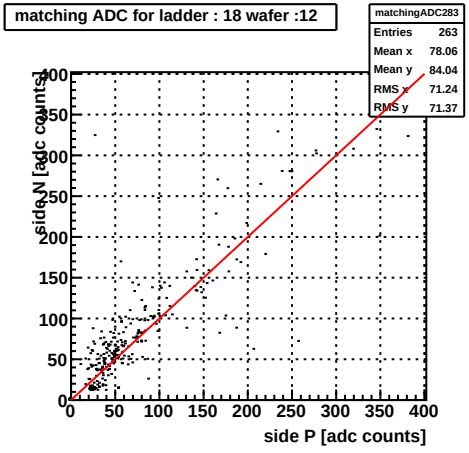

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 228
Mean x 66.69
Mean y 73.31
RMS x 60.78
RMS y 69.49
side N [adc counts]
side P [adc counts]

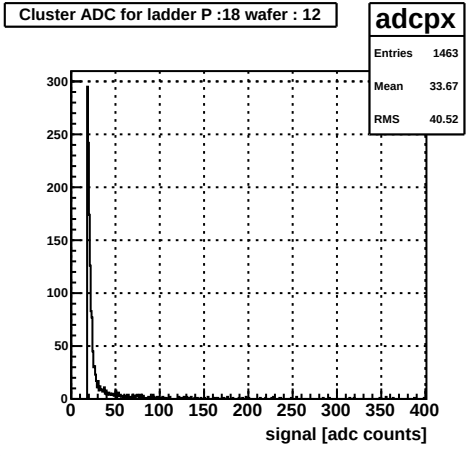

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 19124
Mean 29.57
RMS 18.22
signal [adc counts]

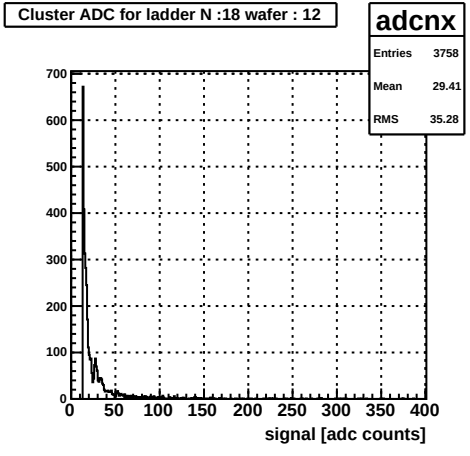

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3449
Mean 39.46
RMS 36.4
signal [adc counts]

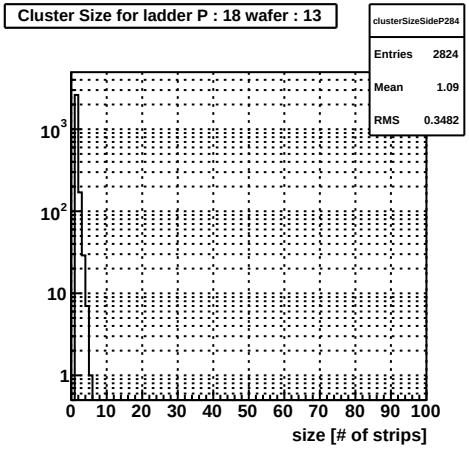

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1463
Mean 1.091
RMS 0.3593
size [# of strips]

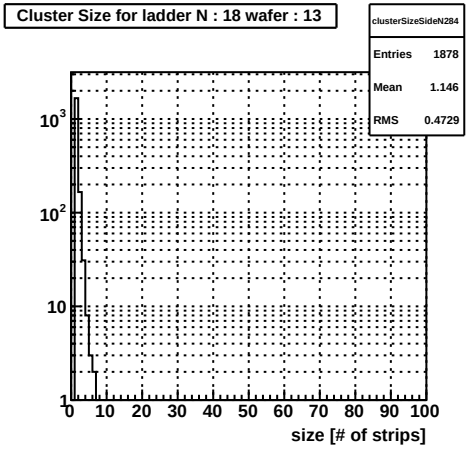

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3758
Mean 1.269
RMS 0.5644
size [# of strips]

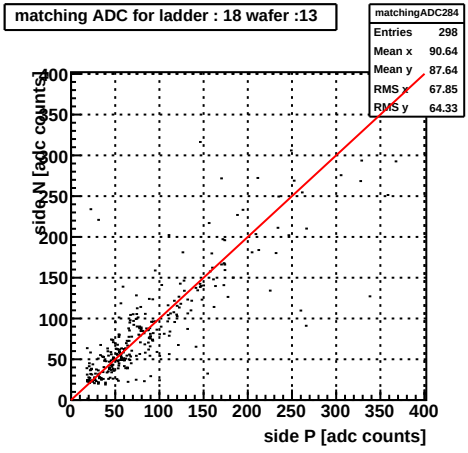

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 263
Mean x 78.06
Mean y 84.04
RMS x 71.24
RMS y 71.37
side N [adc counts]
side P [adc counts]

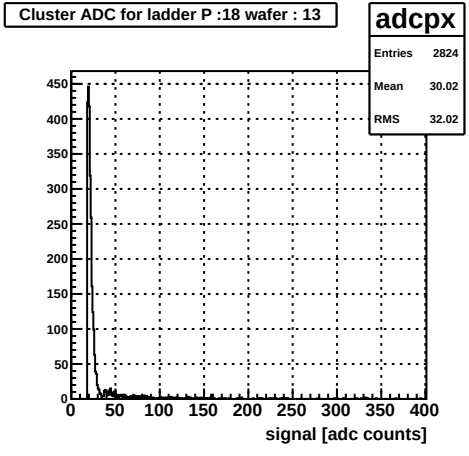

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1463
Mean 33.67
RMS 40.52
signal [adc counts]

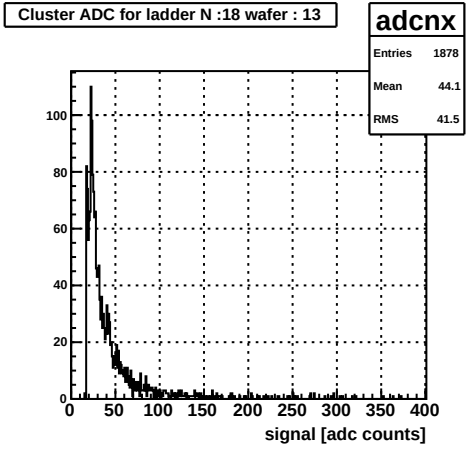

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3758
Mean 29.41
RMS 35.28
signal [adc counts]

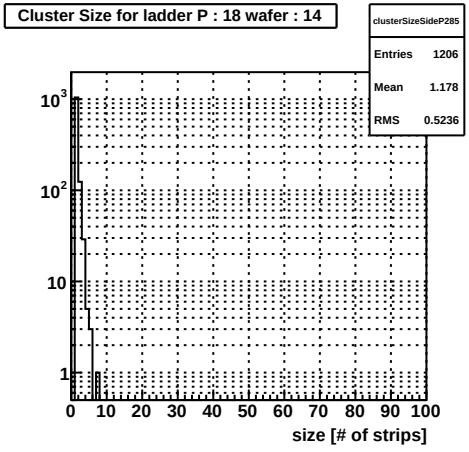

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2824
Mean 1.09
RMS 0.3482
size [# of strips]

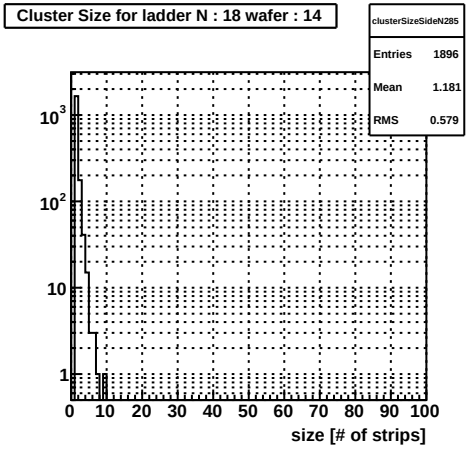

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1878
Mean 1.146
RMS 0.4729
size [# of strips]

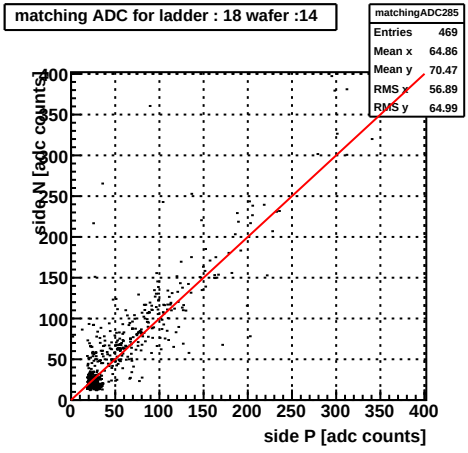

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 298
Mean x 90.64
Mean y 87.64
RMS x 67.85
RMS y 64.33
side N [adc counts]
side P [adc counts]

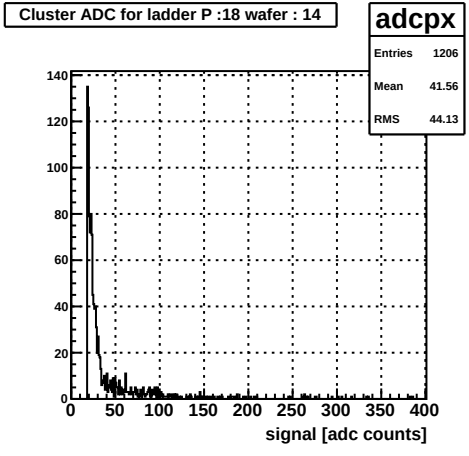

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2824
Mean 30.02
RMS 32.02
signal [adc counts]

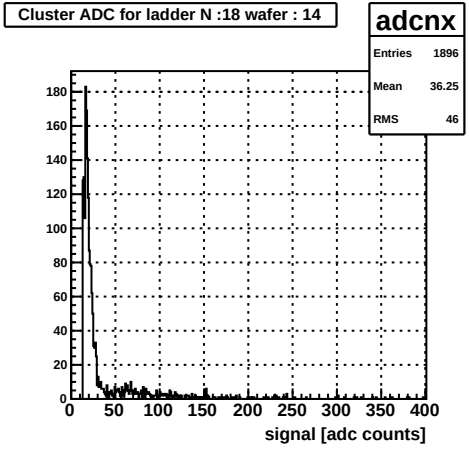

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1878
Mean 44.1
RMS 41.5
signal [adc counts]

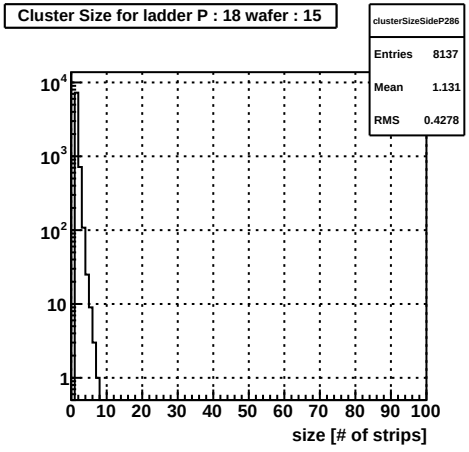

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1206
Mean 1.178
RMS 0.5236
size [# of strips]

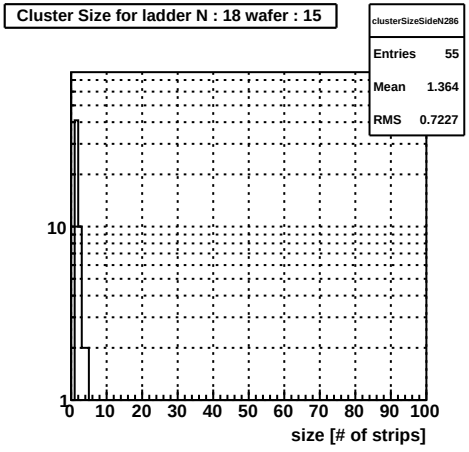

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1896
Mean 1.181
RMS 0.579
size [# of strips]

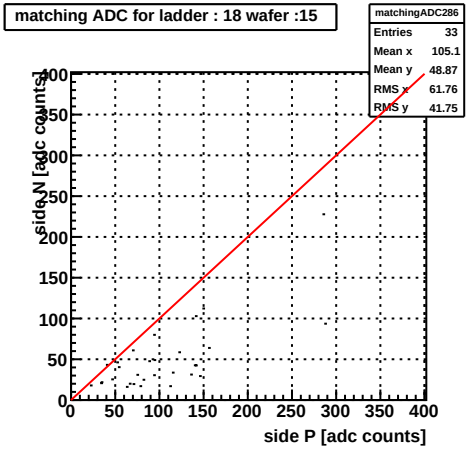

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 469
Mean x 64.86
Mean y 70.47
RMS x 56.89
RMS y 64.99
side N [adc counts]
side P [adc counts]

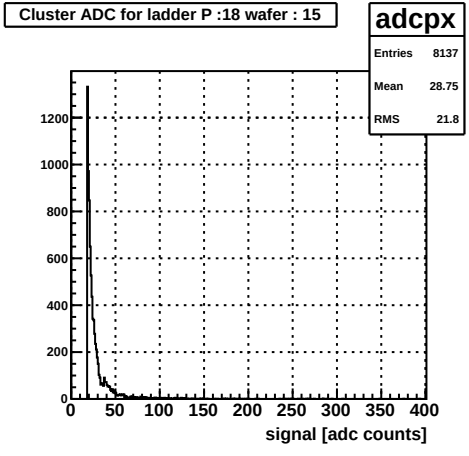

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1206
Mean 41.56
RMS 44.13
signal [adc counts]

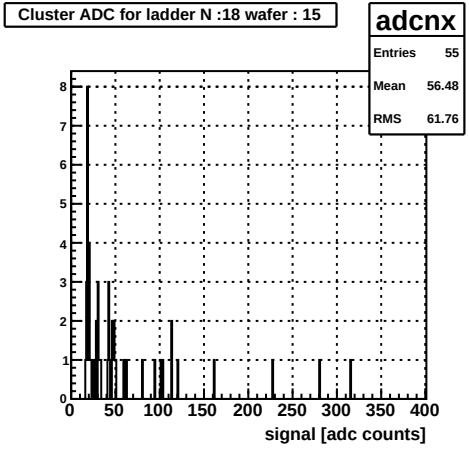

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1896
Mean 36.25
RMS 46
signal [adc counts]

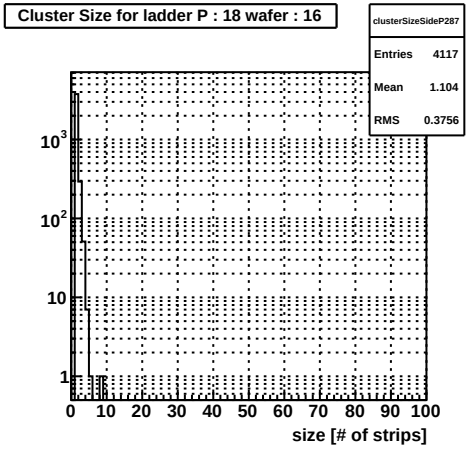

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8137
Mean 1.131
RMS 0.4278
size [# of strips]

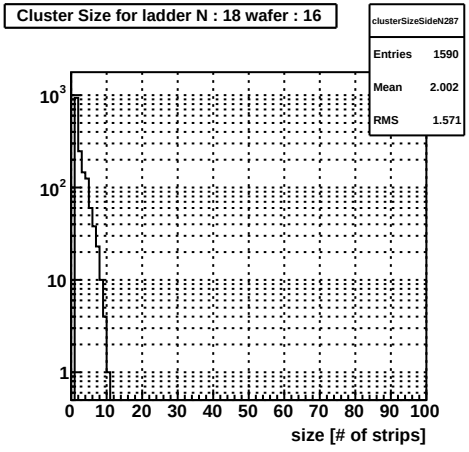

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 55
Mean 1.364
RMS 0.7227
size [# of strips]

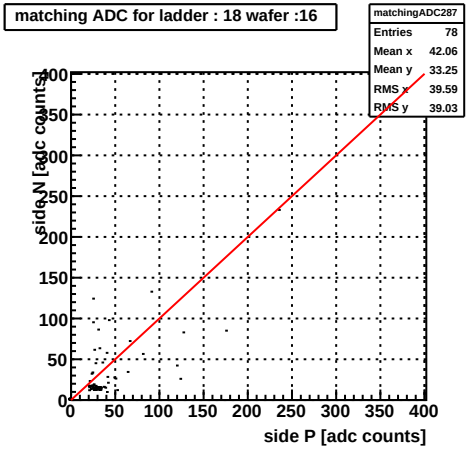

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 33
Mean x 105.1
Mean y 48.87
RMS x 61.76
RMS y 41.75
side N [adc counts]
side P [adc counts]

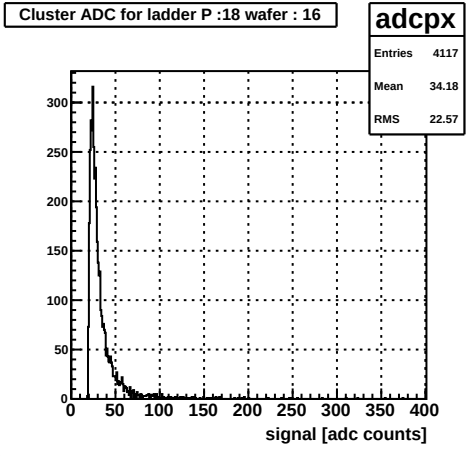

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8137
Mean 28.75
RMS 21.8
signal [adc counts]

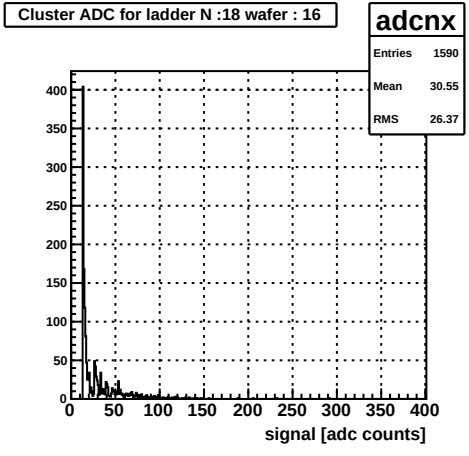

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 55
Mean 56.48
RMS 61.76
signal [adc counts]

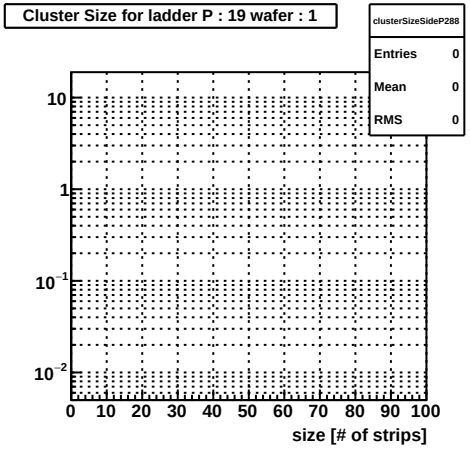

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4117
Mean 1.104
RMS 0.3756
size [# of strips]

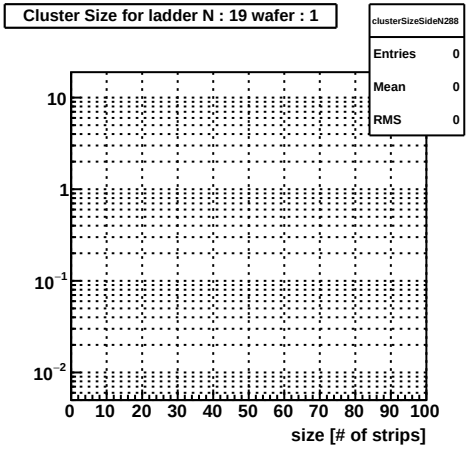

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1590
Mean 2.002
RMS 1.571
size [# of strips]

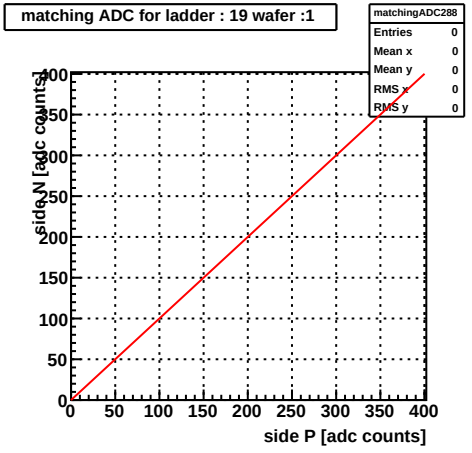

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 78
Mean x 42.06
Mean y 33.25
RMS x 39.59
RMS y 39.03
side N [adc counts]
side P [adc counts]

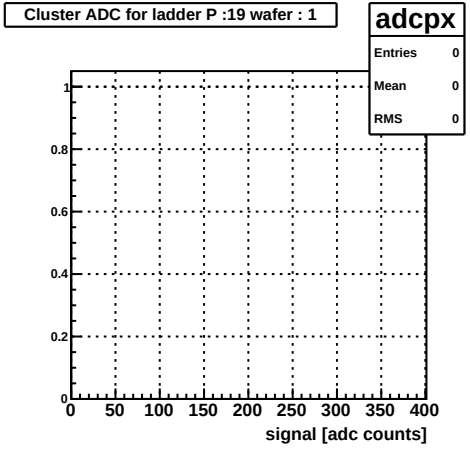

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4117
Mean 34.18
RMS 22.57
signal [adc counts]

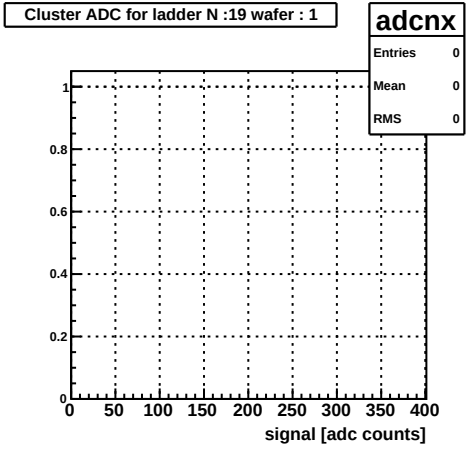

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1590
Mean 30.55
RMS 26.37
signal [adc counts]

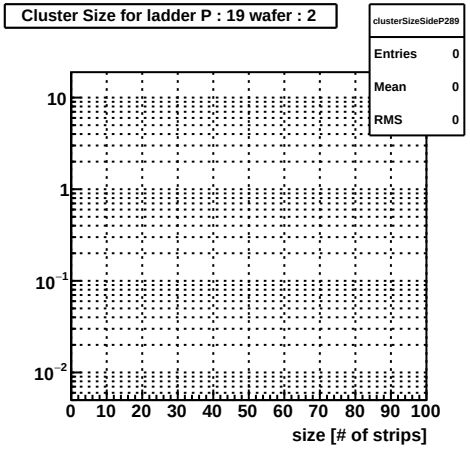

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

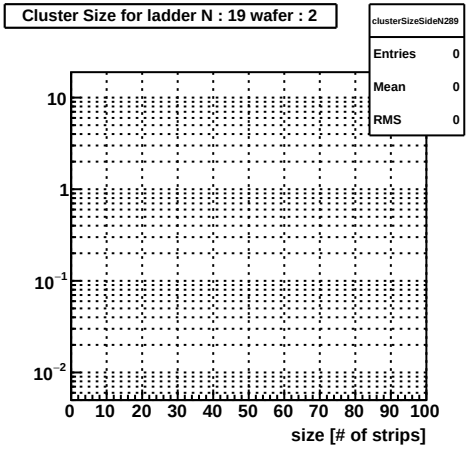

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

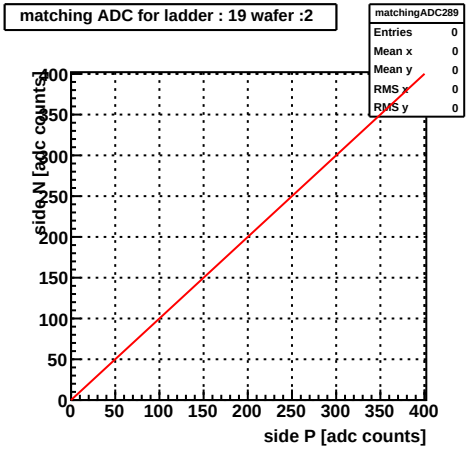

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

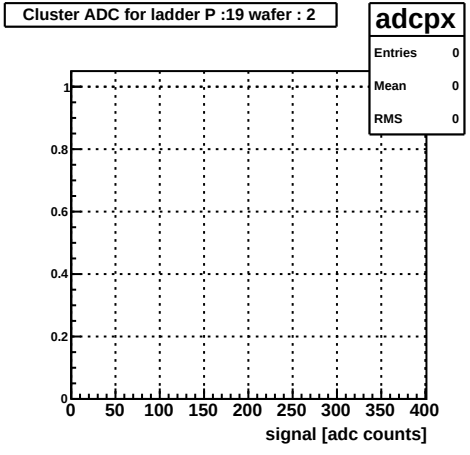

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

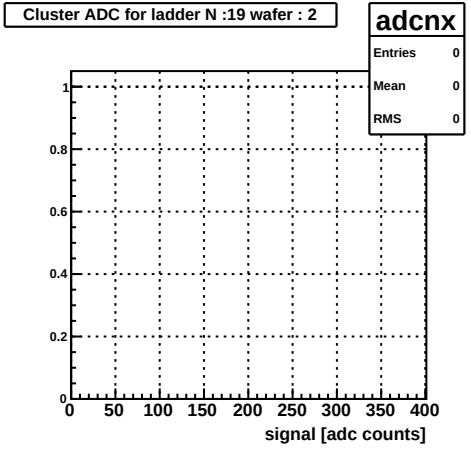

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

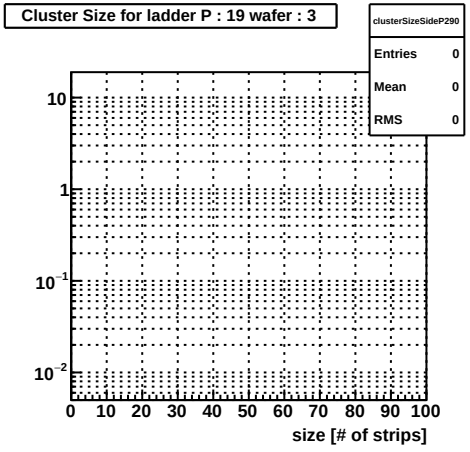

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

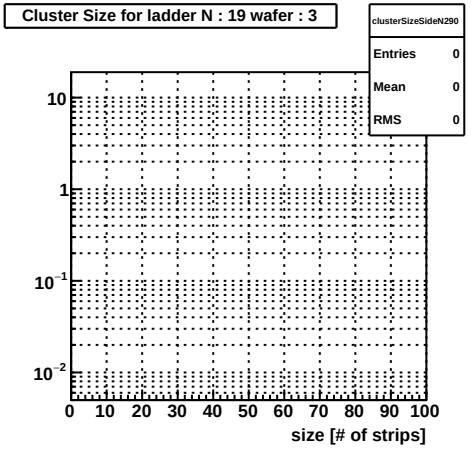

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

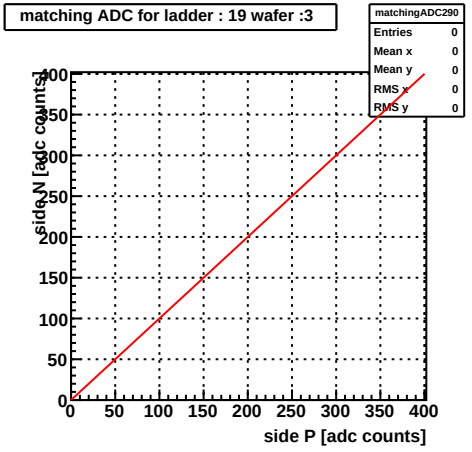

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

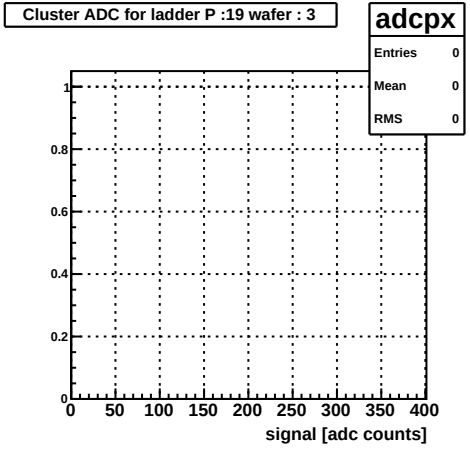

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

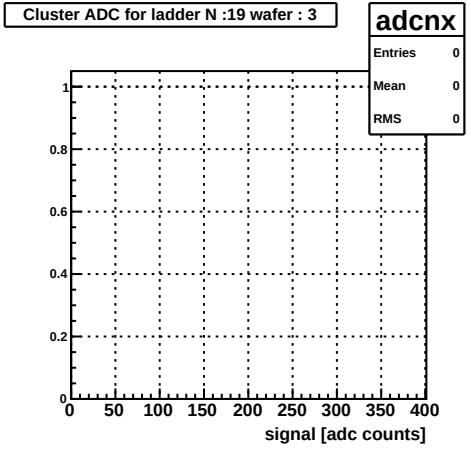

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

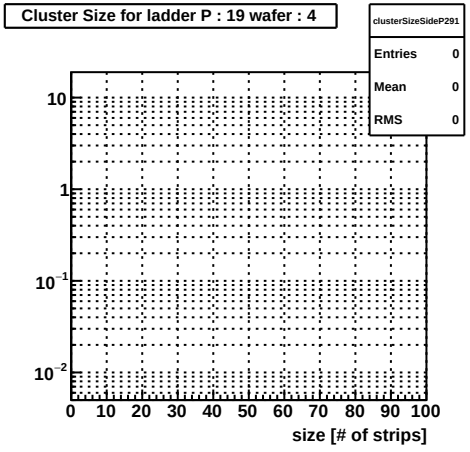

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

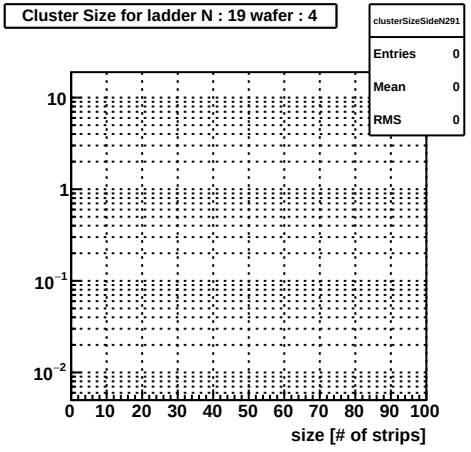

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

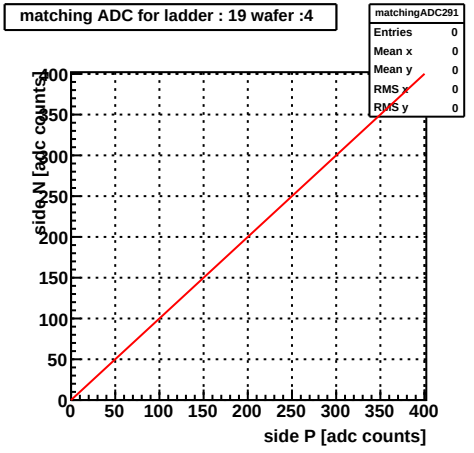

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

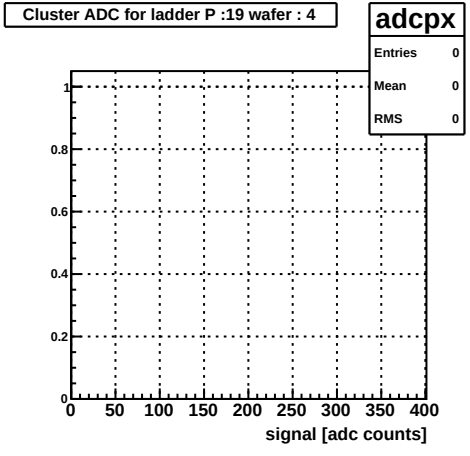

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

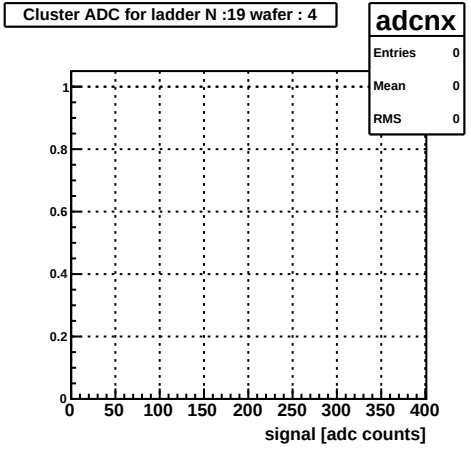

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

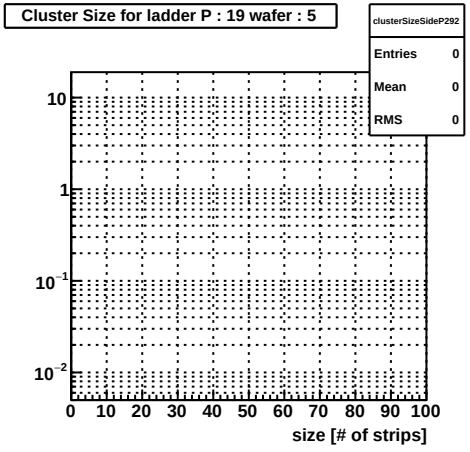

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

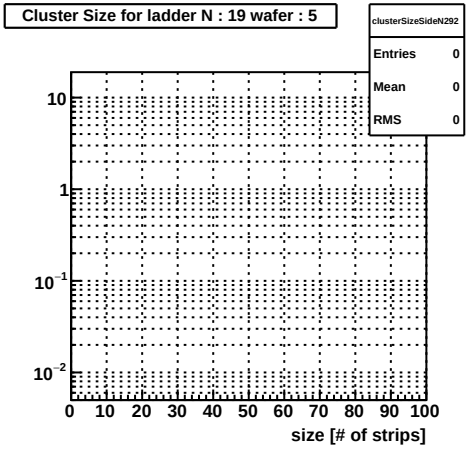

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

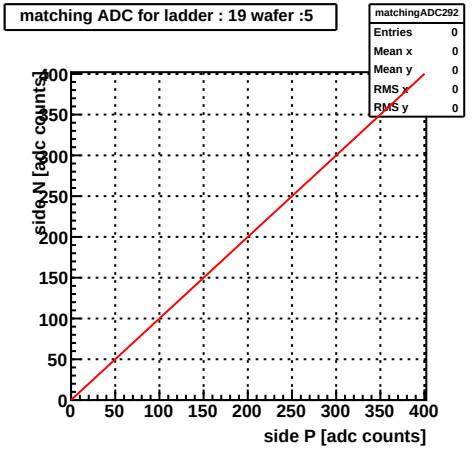

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

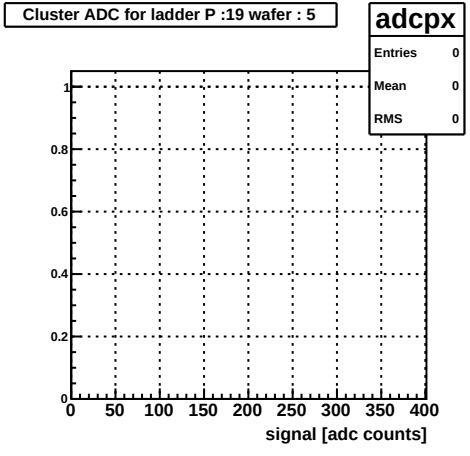

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

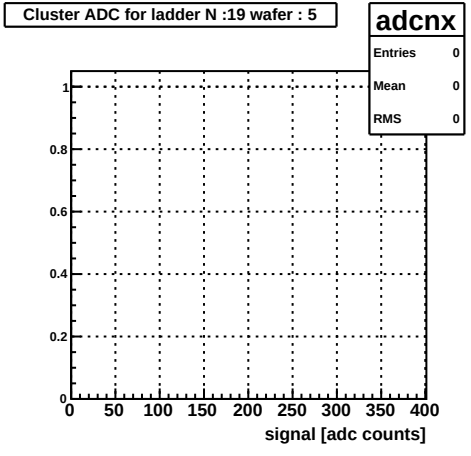

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

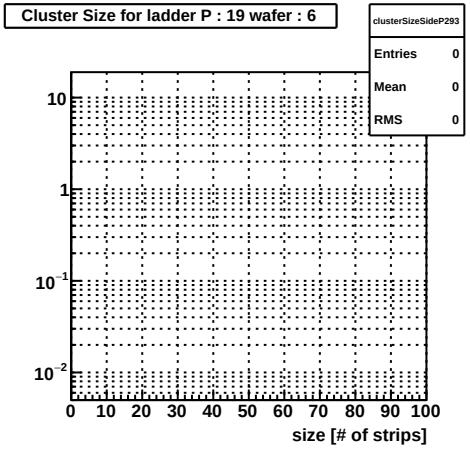

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

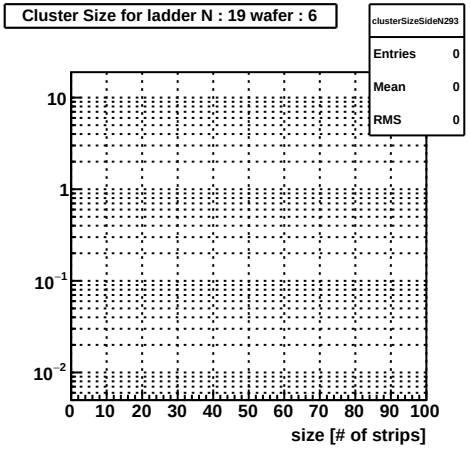

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

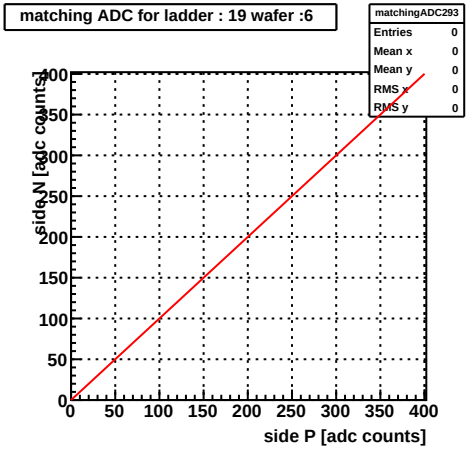

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

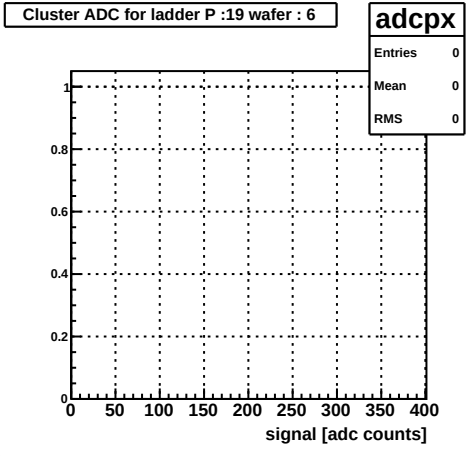

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

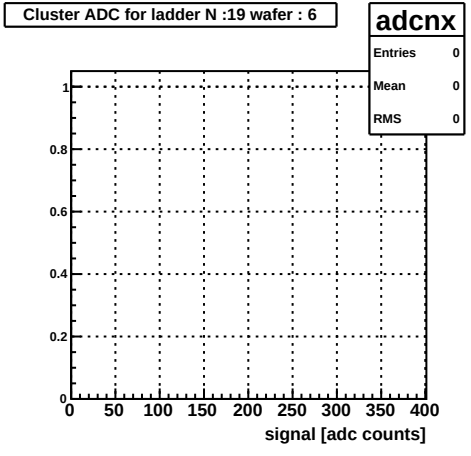

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

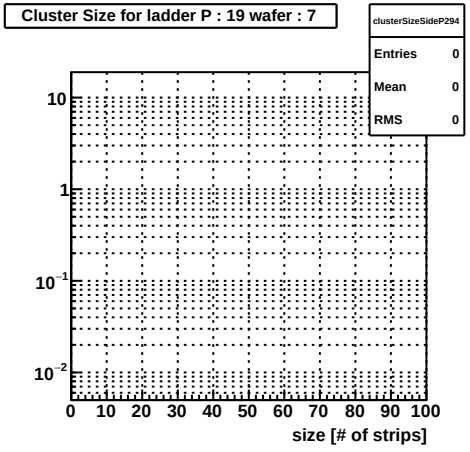

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

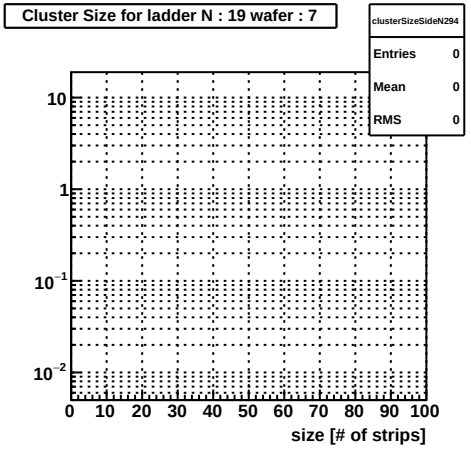

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

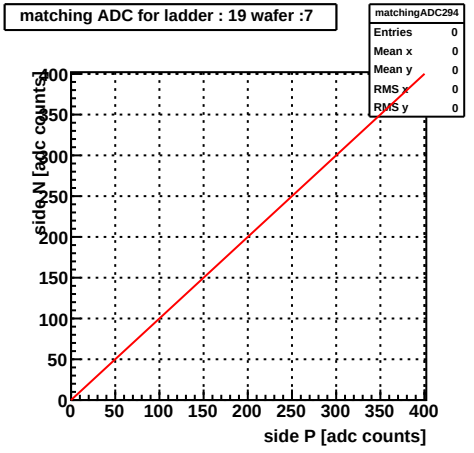

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

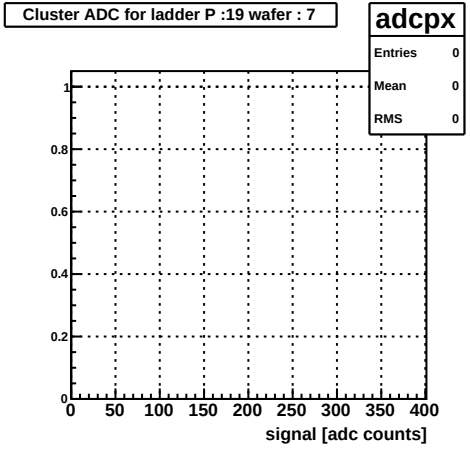

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

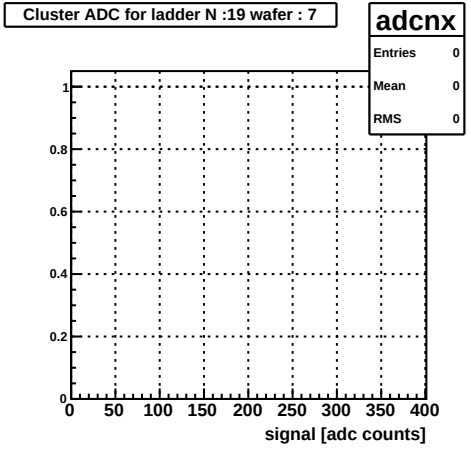

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

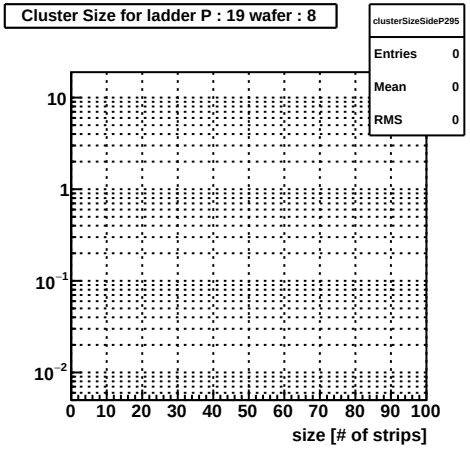

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

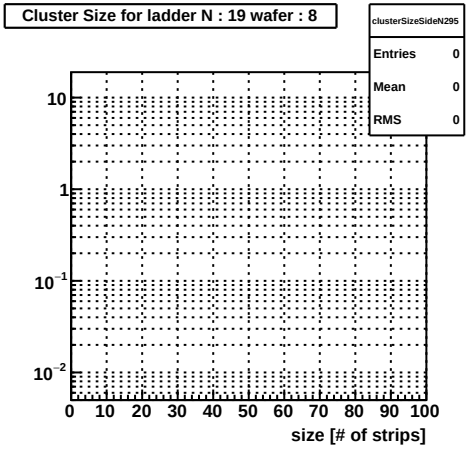

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

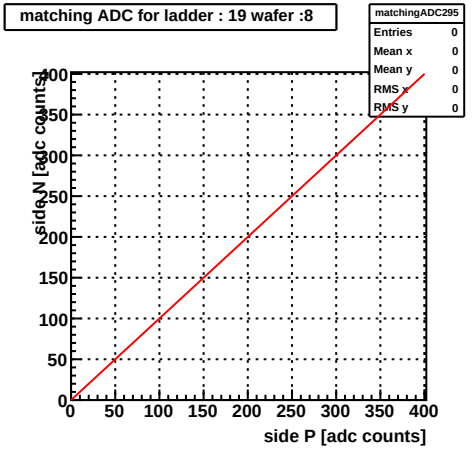

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

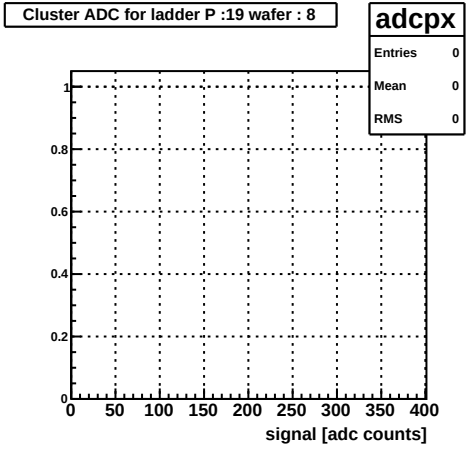

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

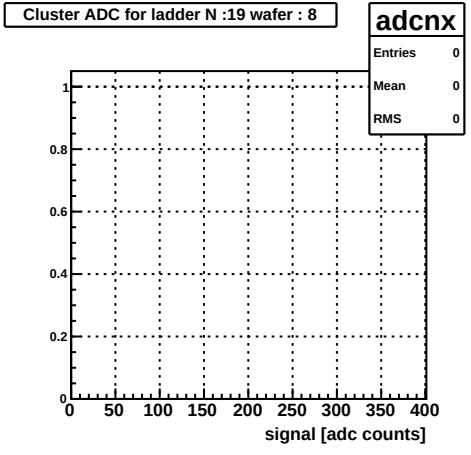

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

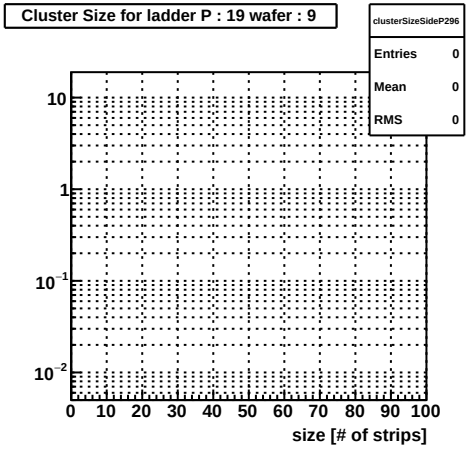

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

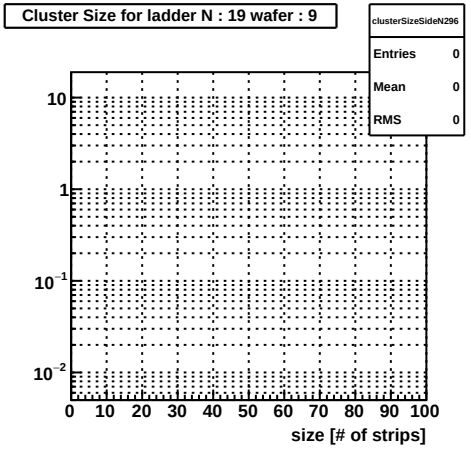

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

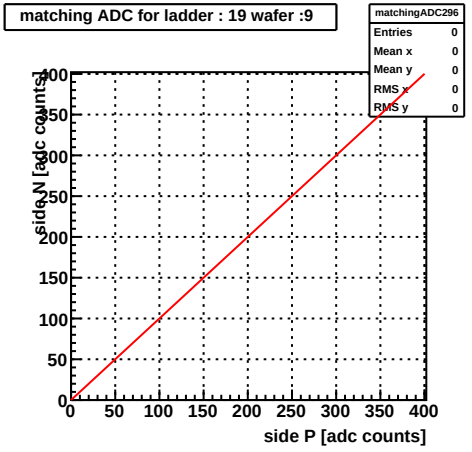

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

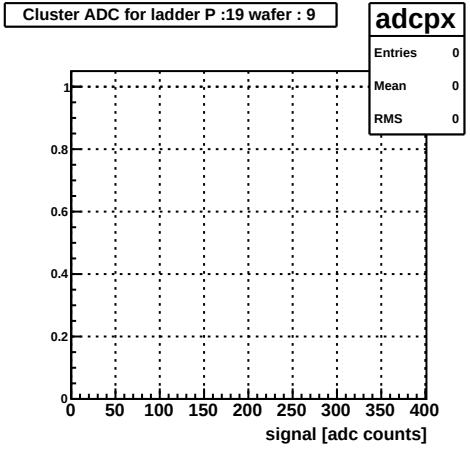

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

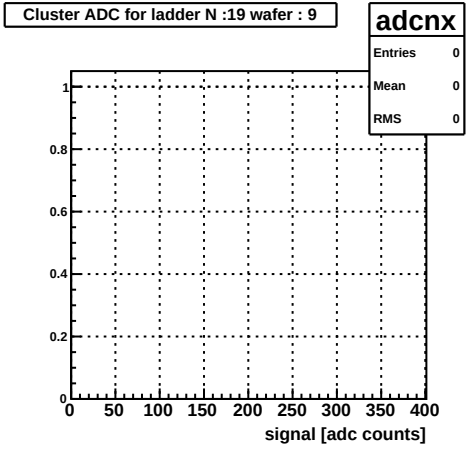

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

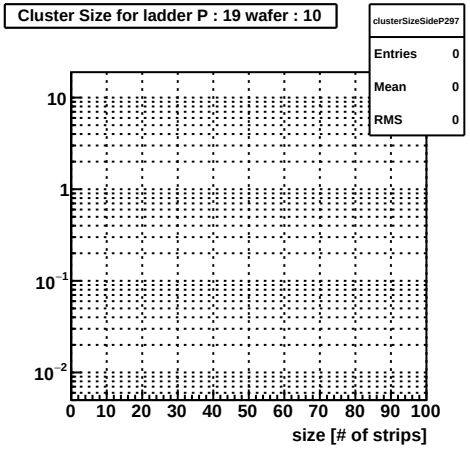

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

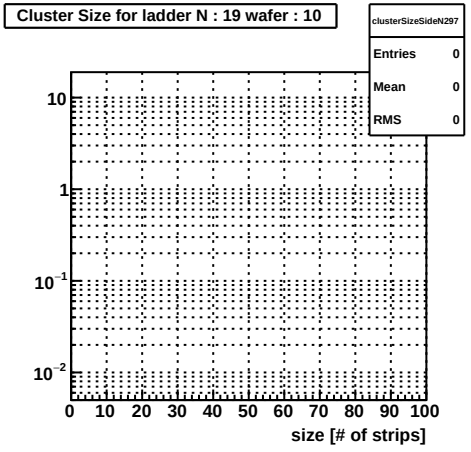

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

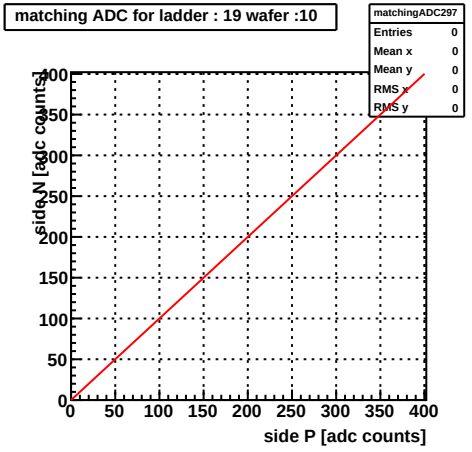

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

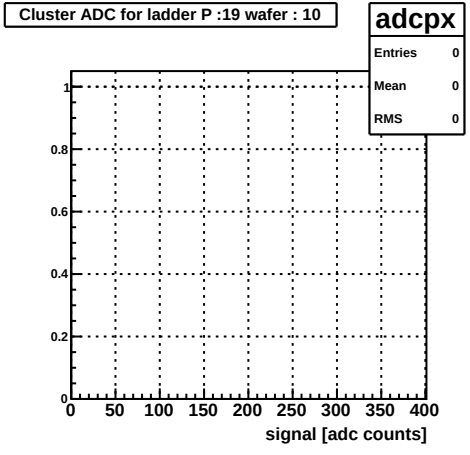

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

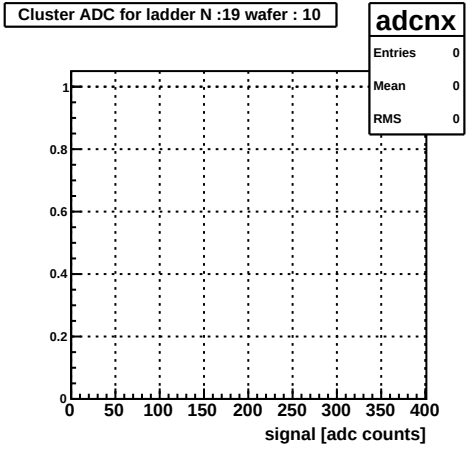

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

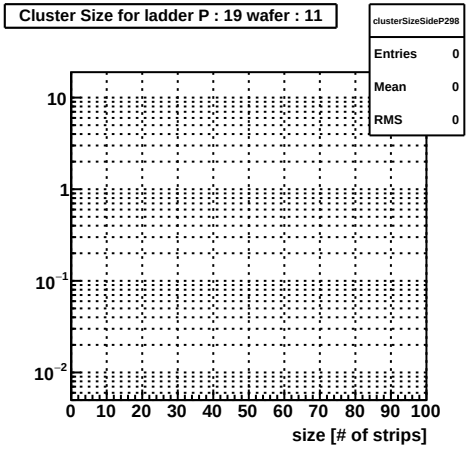

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

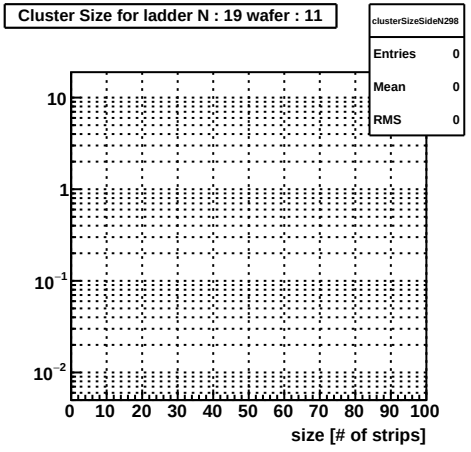

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

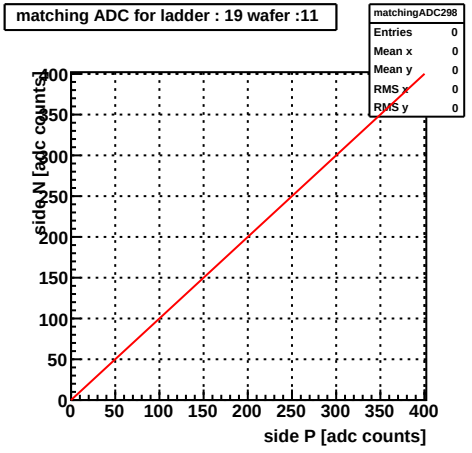

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

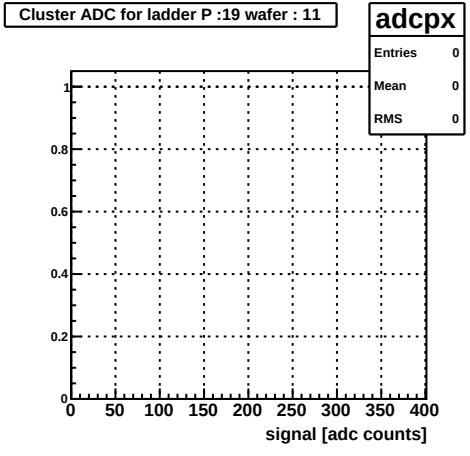

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

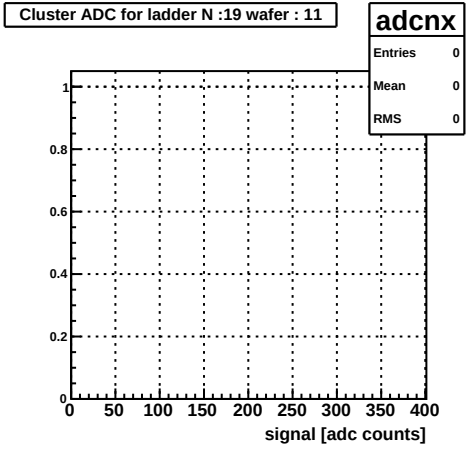

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

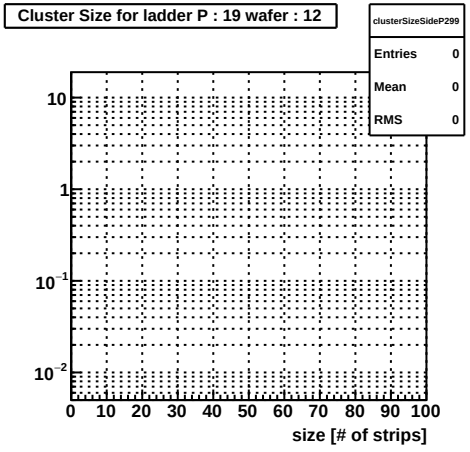

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

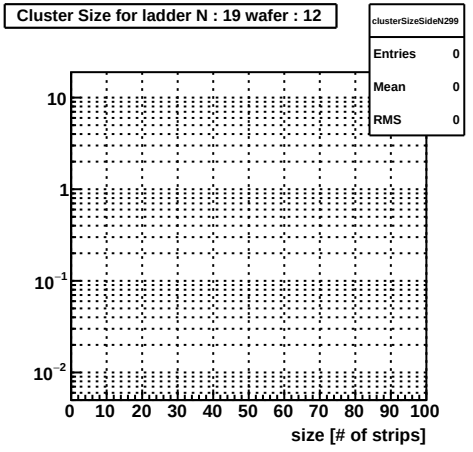

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

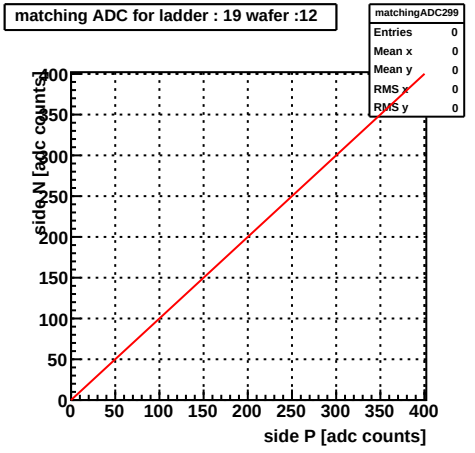

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

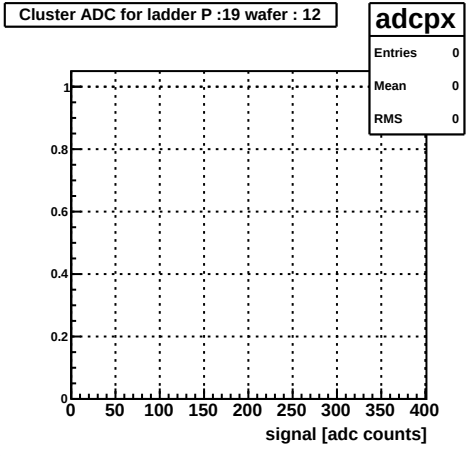

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

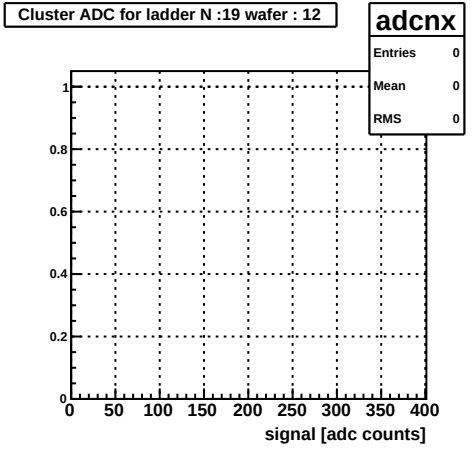

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

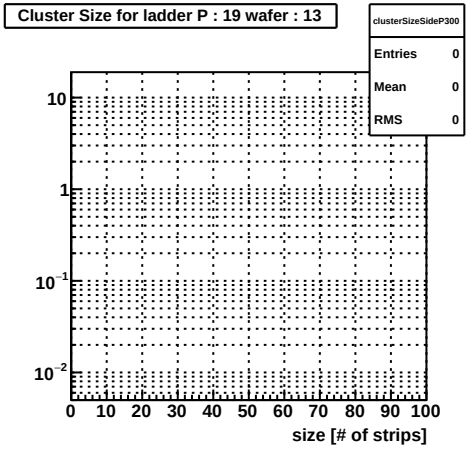

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

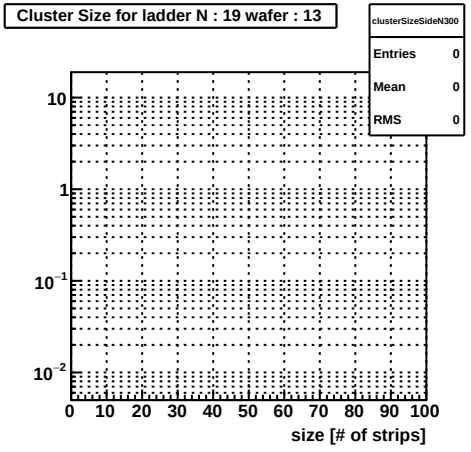

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

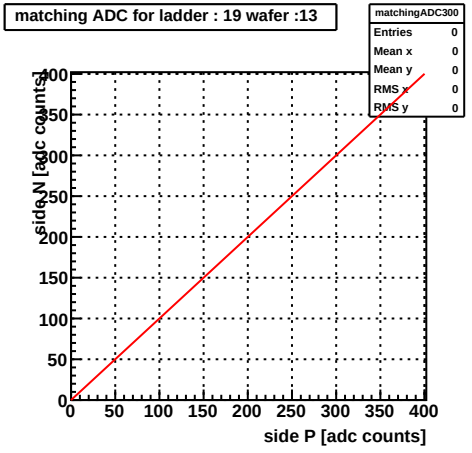

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

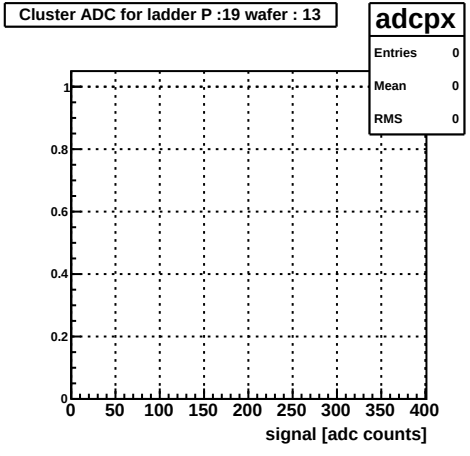

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

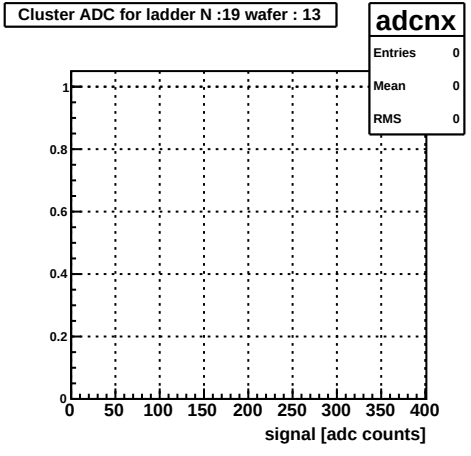

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

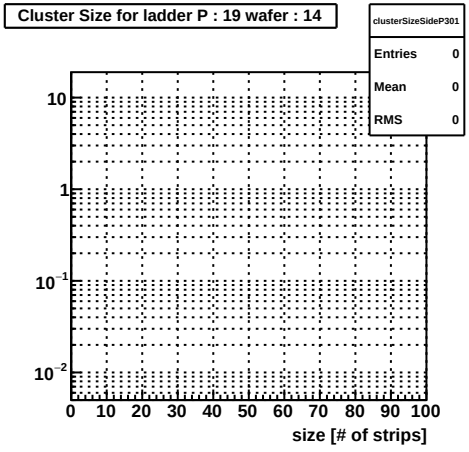

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

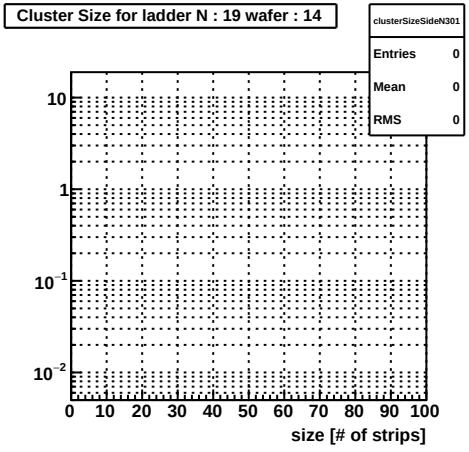

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

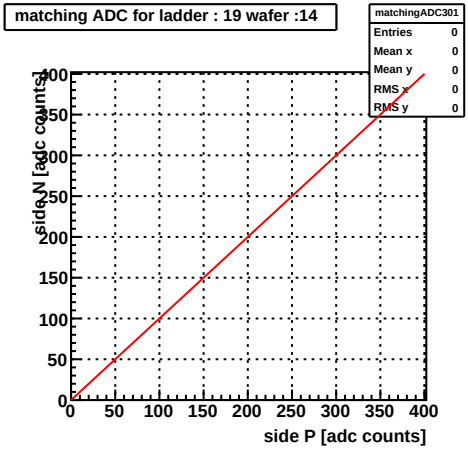

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

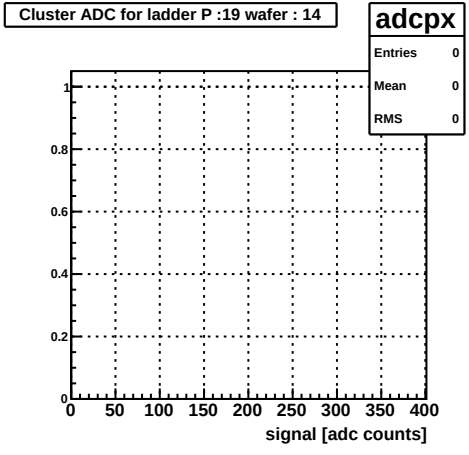

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

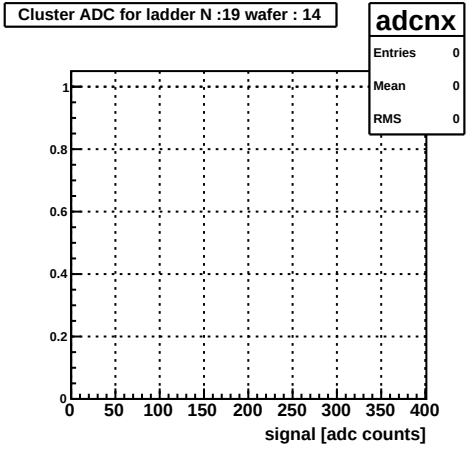

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

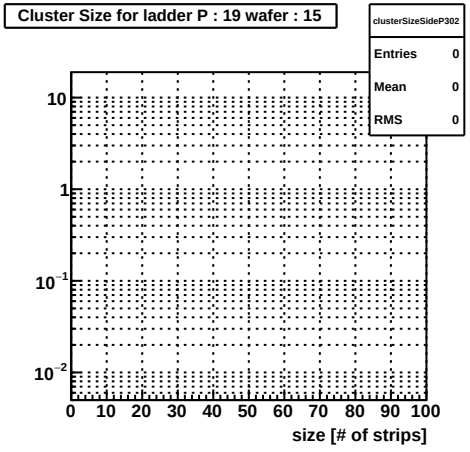

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

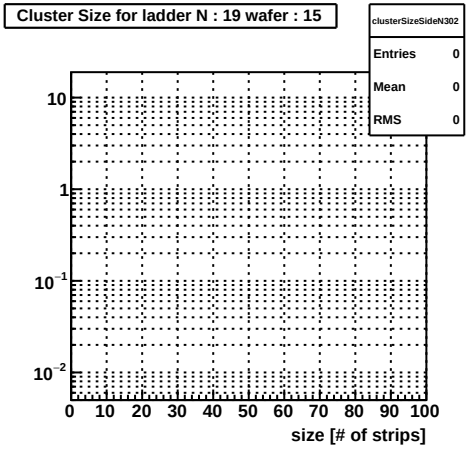

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

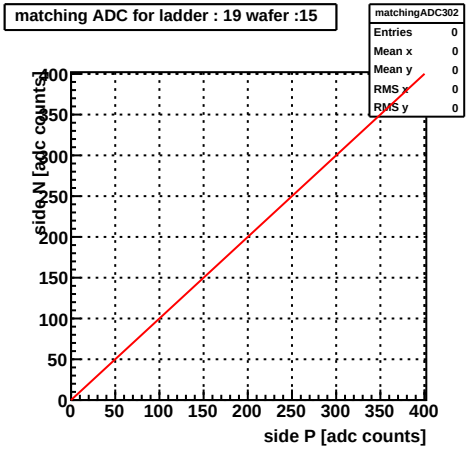

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

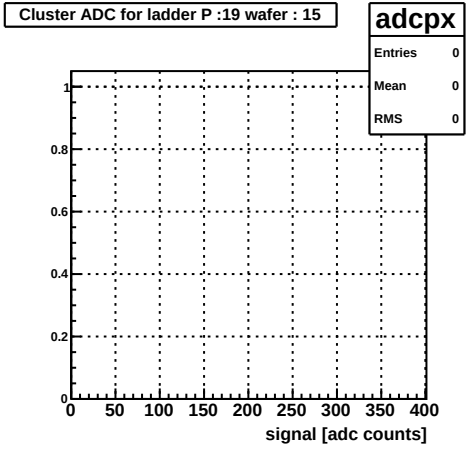

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

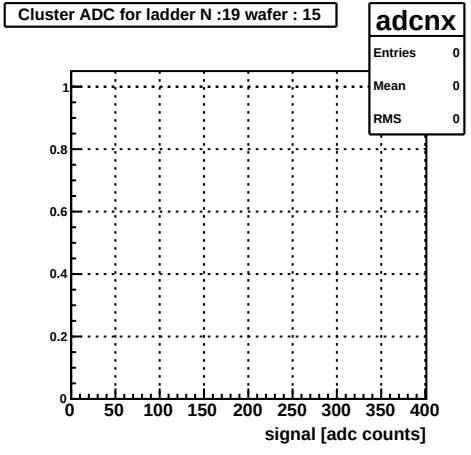

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

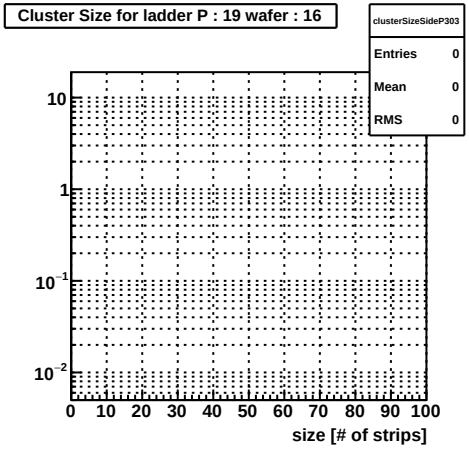

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

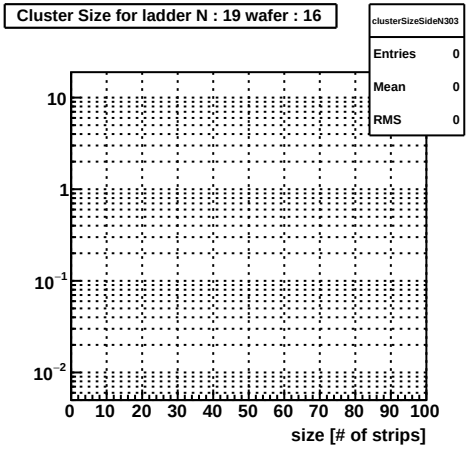

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

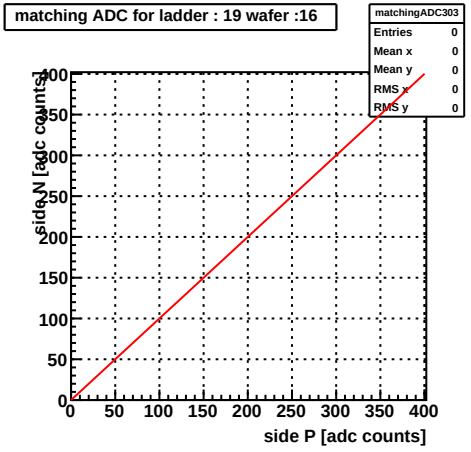

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

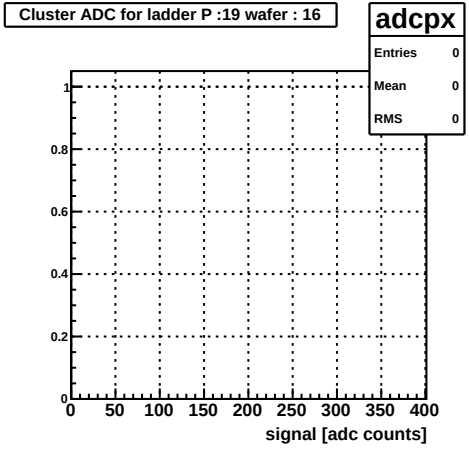

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

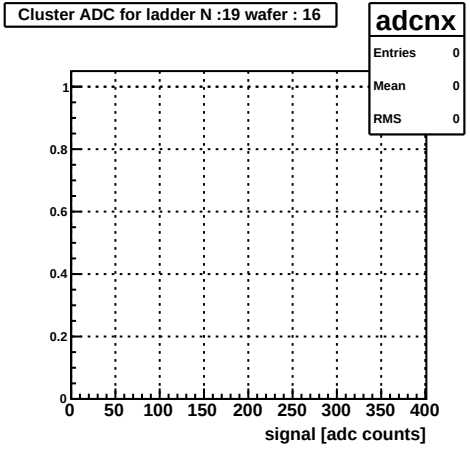

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

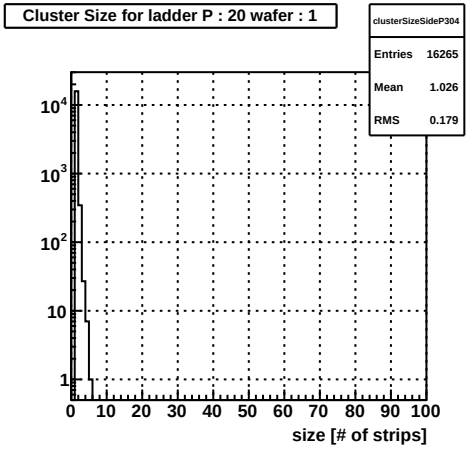

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

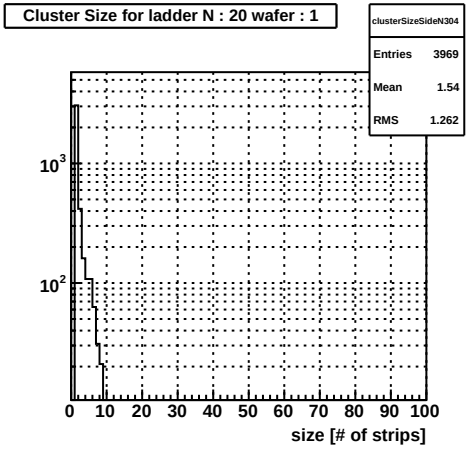

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

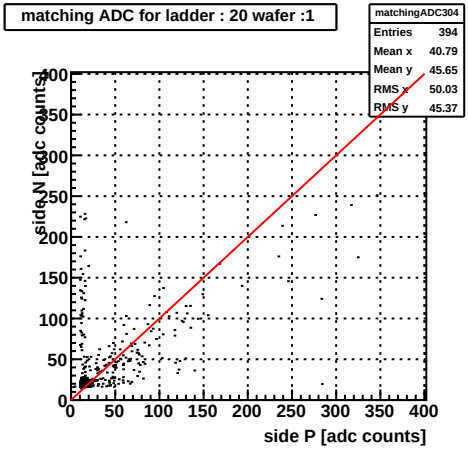

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

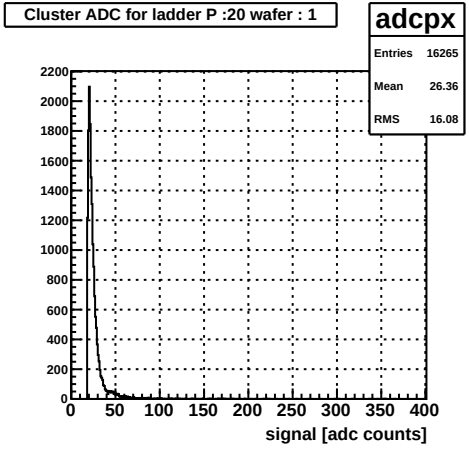

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

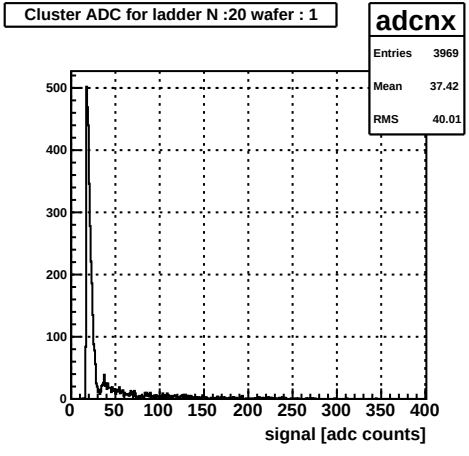

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

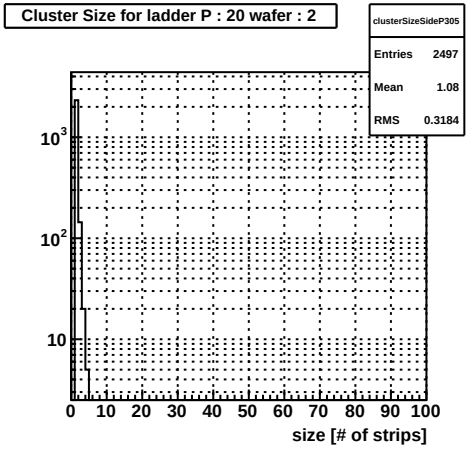

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 16265
Mean 1.026
RMS 0.179
size [# of strips]

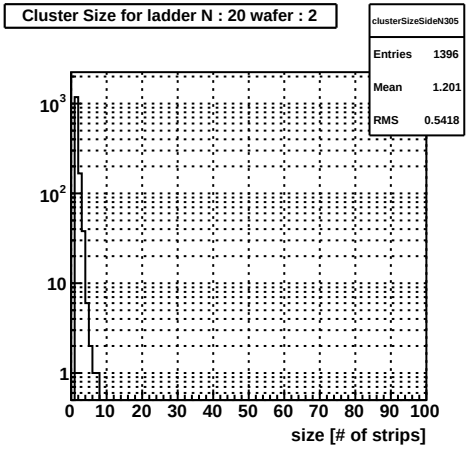

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 3969
Mean 1.54
RMS 1.262
size [# of strips]

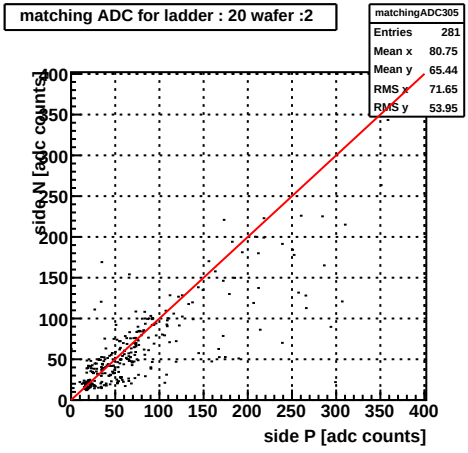

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 394
Mean x 40.79
Mean y 45.65
RMS x 50.03
RMS y 45.37
side N [adc counts]
side P [adc counts]

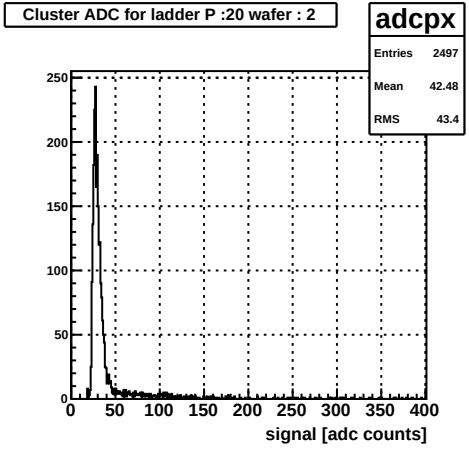

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 16265
Mean 26.36
RMS 16.08
signal [adc counts]

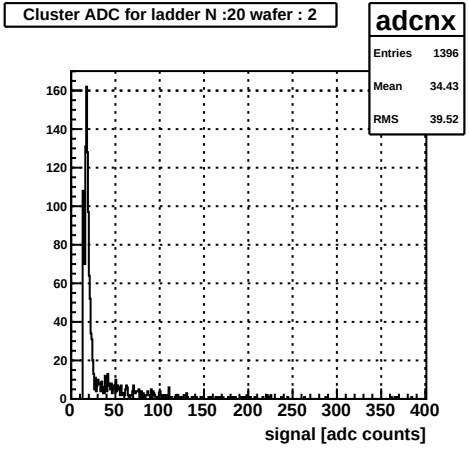

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 3969
Mean 37.42
RMS 40.01
signal [adc counts]

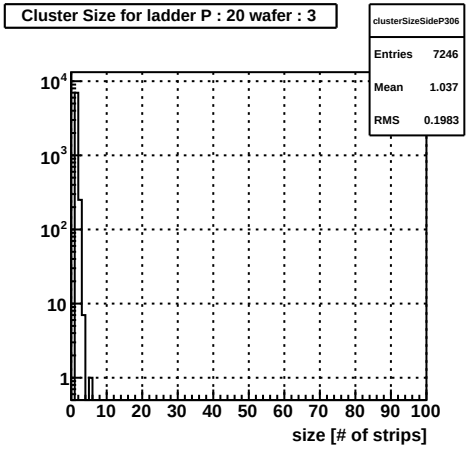

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2497
Mean 1.08
RMS 0.3184
size [# of strips]

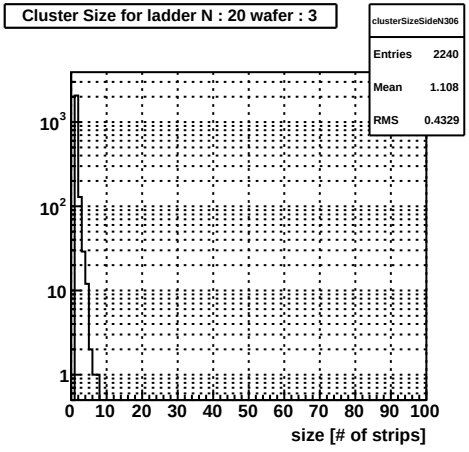

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 1396
Mean 1.201
RMS 0.5418
size [# of strips]

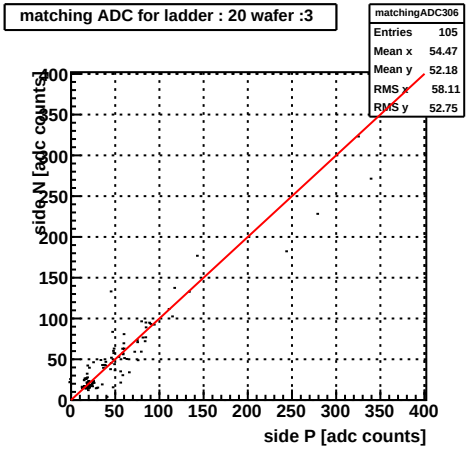

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 281
Mean x 80.75
Mean y 65.44
RMS x 71.65
RMS y 53.95
side N [adc counts]
side P [adc counts]

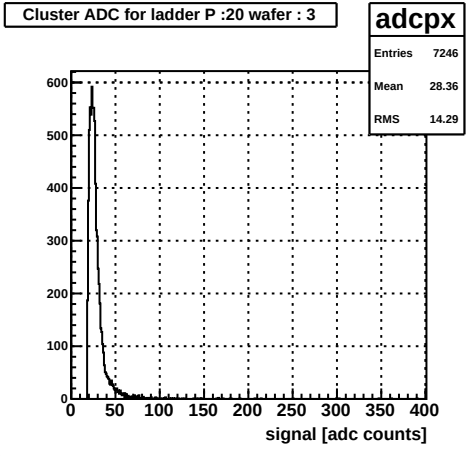

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2497
Mean 42.48
RMS 43.4
signal [adc counts]

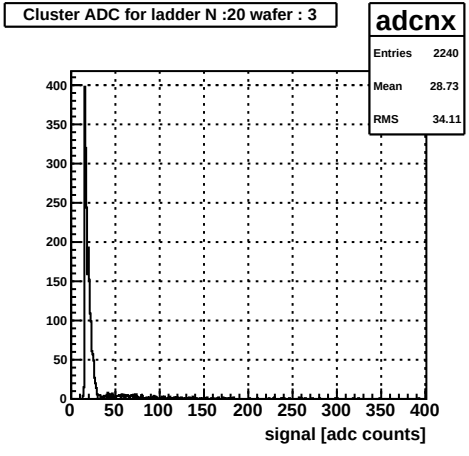

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 1396
Mean 34.43
RMS 39.52
signal [adc counts]

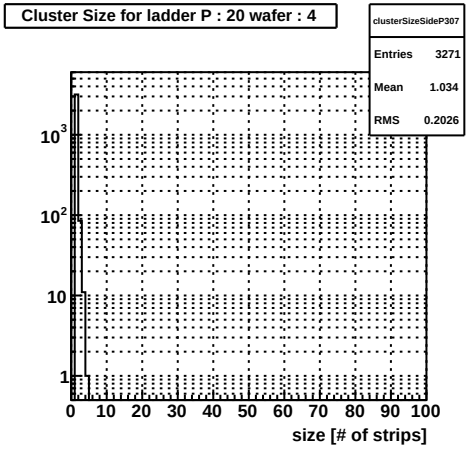

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 7246
Mean 1.037
RMS 0.1983
size [# of strips]

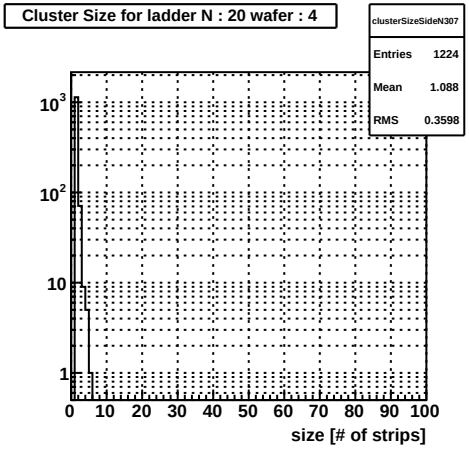

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2240
Mean 1.108
RMS 0.4329
size [# of strips]

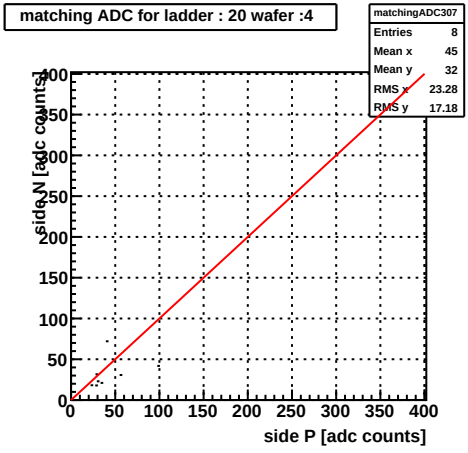

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 105
Mean x 54.47
Mean y 52.18
RMS x 58.11
RMS y 52.75
side N [adc counts]
side P [adc counts]

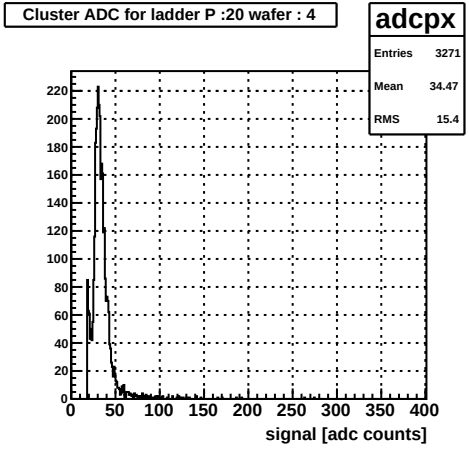

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 7246
Mean 28.36
RMS 14.29
signal [adc counts]

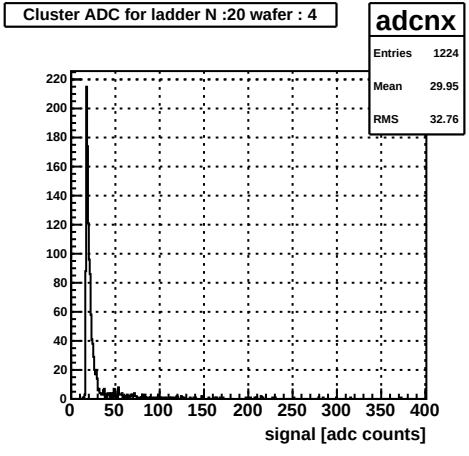

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2240
Mean 28.73
RMS 34.11
signal [adc counts]

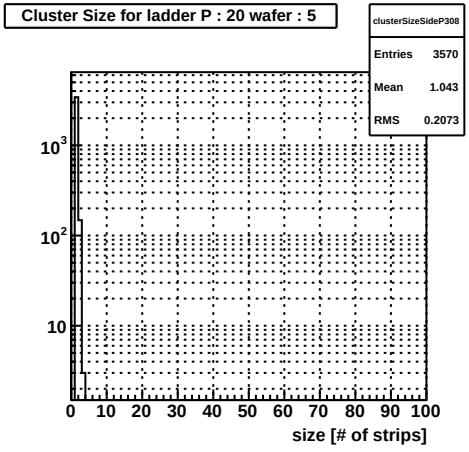

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3271
Mean 1.034
RMS 0.2026
size [# of strips]

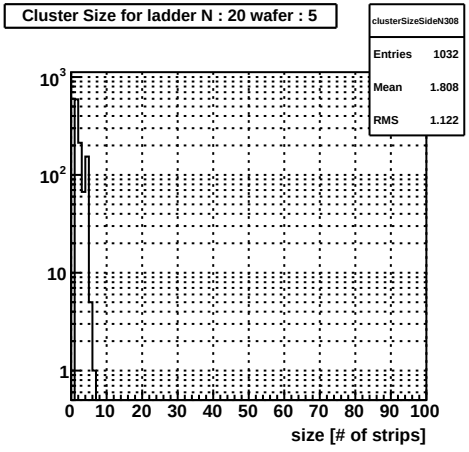

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1224
Mean 1.088
RMS 0.3598
size [# of strips]

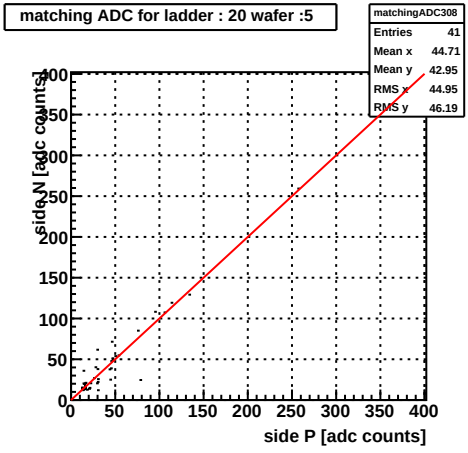

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 8
Mean x 45
Mean y 32
RMS x 23.28
RMS y 17.18
side N [adc counts]
side P [adc counts]

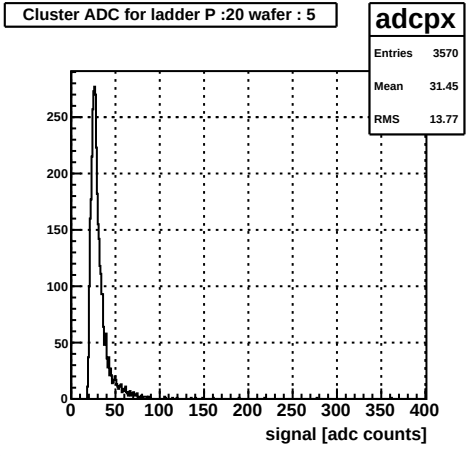

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3271
Mean 34.47
RMS 15.4
signal [adc counts]

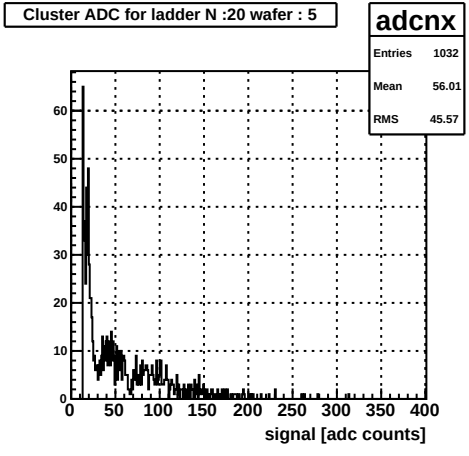

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1224
Mean 29.95
RMS 32.76
signal [adc counts]

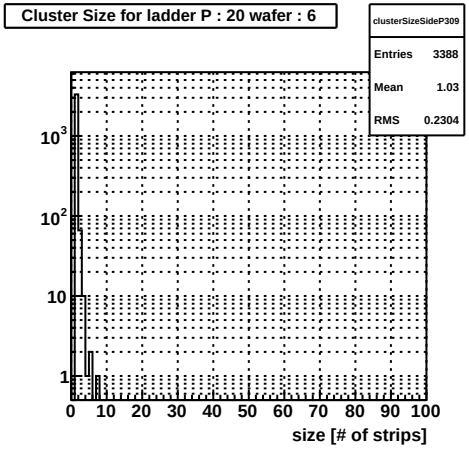

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3570
Mean 1.043
RMS 0.2073
size [# of strips]

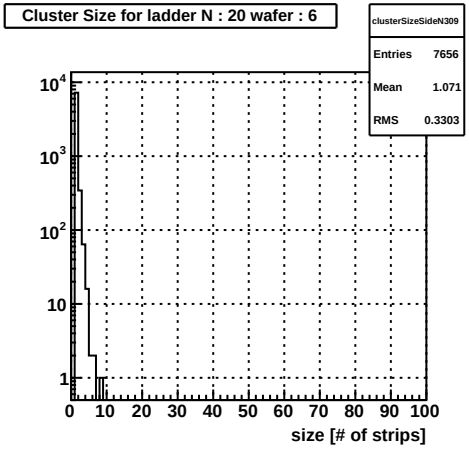

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1032
Mean 1.808
RMS 1.122
size [# of strips]

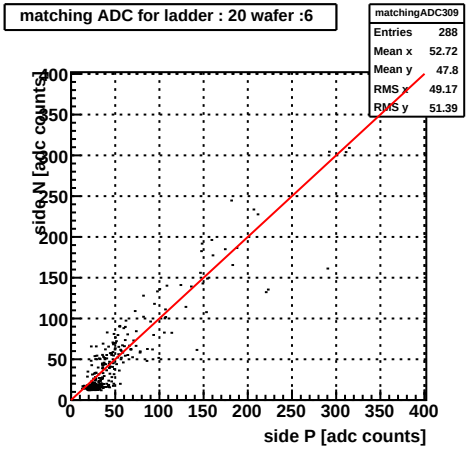

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 41
Mean x 44.71
Mean y 42.95
RMS x 44.95
RMS y 46.19
side N [adc counts]
side P [adc counts]

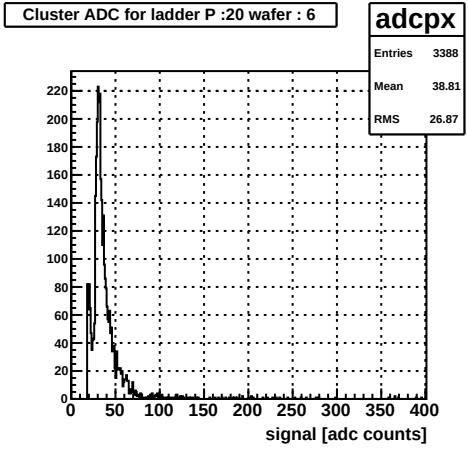

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3570
Mean 31.45
RMS 13.77
signal [adc counts]

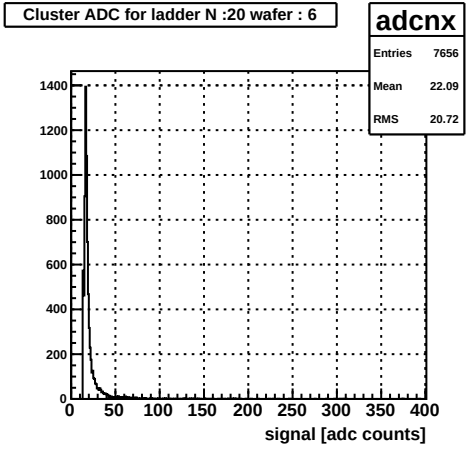

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1032
Mean 56.01
RMS 45.57
signal [adc counts]

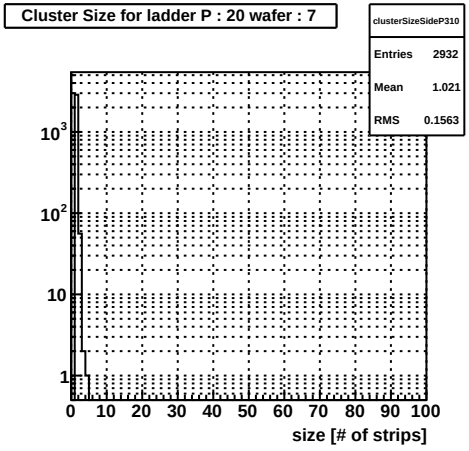

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3388
Mean 1.03
RMS 0.2304
size [# of strips]

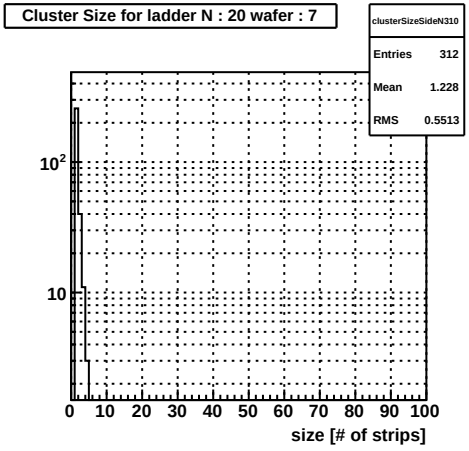

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7656
Mean 1.071
RMS 0.3303
size [# of strips]

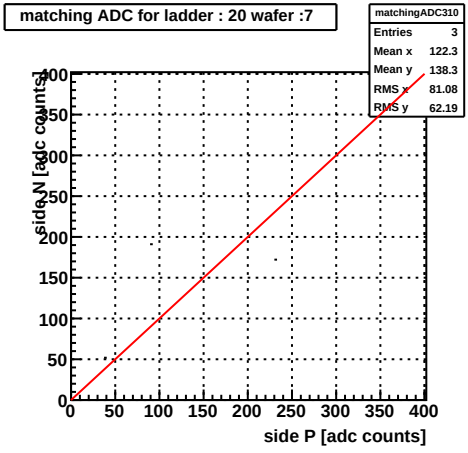

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 288
Mean x 52.72
Mean y 47.8
RMS x 49.17
RMS y 51.39
side N [adc counts]
side P [adc counts]

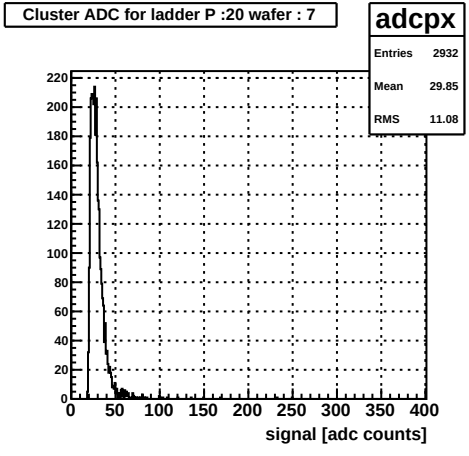

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3388
Mean 38.81
RMS 26.87
signal [adc counts]

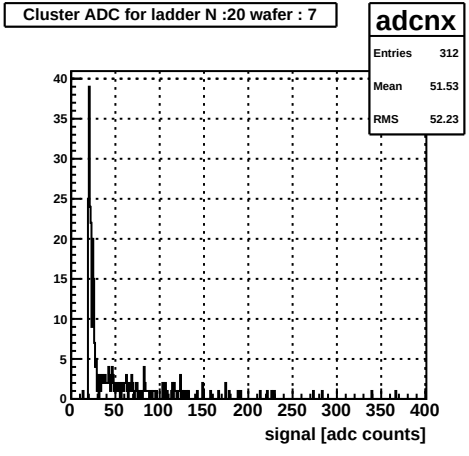

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7656
Mean 22.09
RMS 20.72
signal [adc counts]

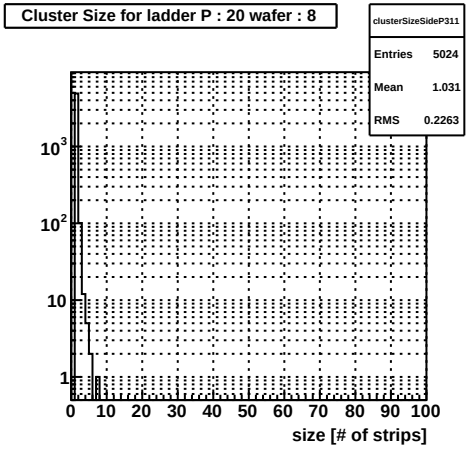

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2932
Mean 1.021
RMS 0.1563
size [# of strips]

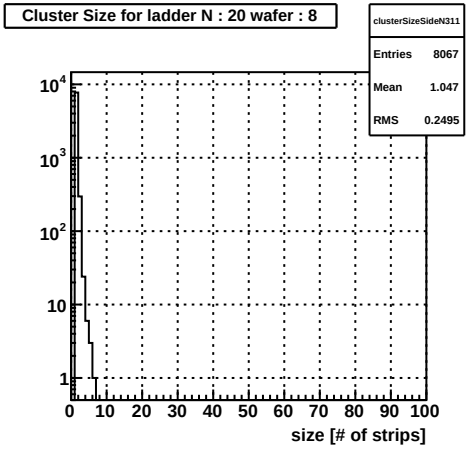

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 312
Mean 1.228
RMS 0.5513
size [# of strips]

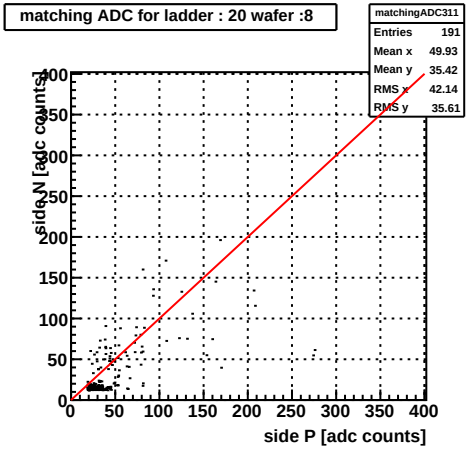

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 3
Mean x 122.3
Mean y 138.3
RMS x 81.08
RMS y 62.19
side N [adc counts]
side P [adc counts]

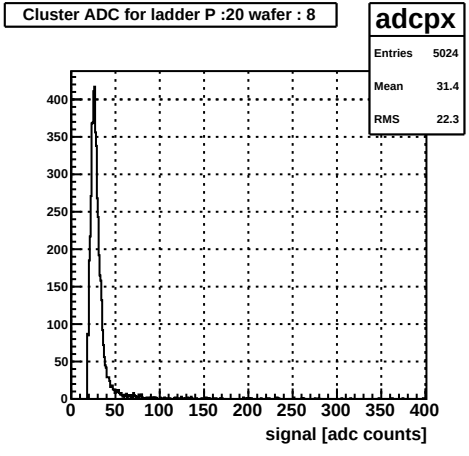

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2932
Mean 29.85
RMS 11.08
signal [adc counts]

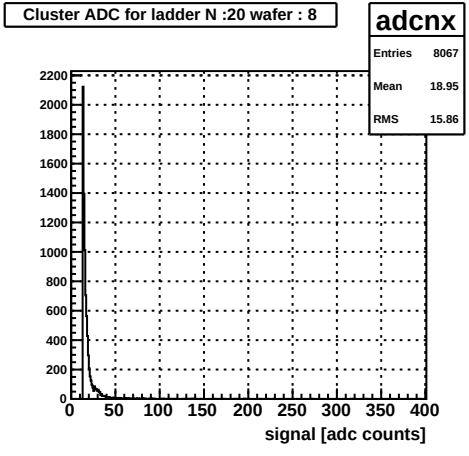

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 312
Mean 51.53
RMS 52.23
signal [adc counts]

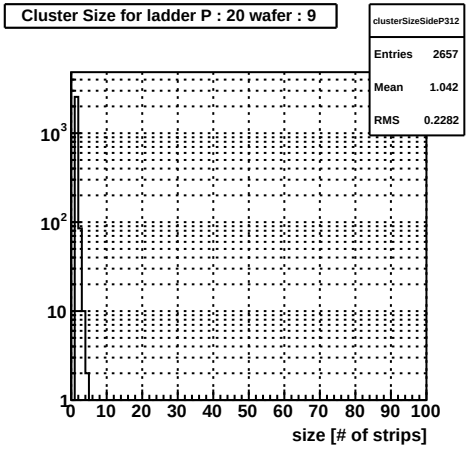

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 5024
Mean 1.031
RMS 0.2263
size [# of strips]

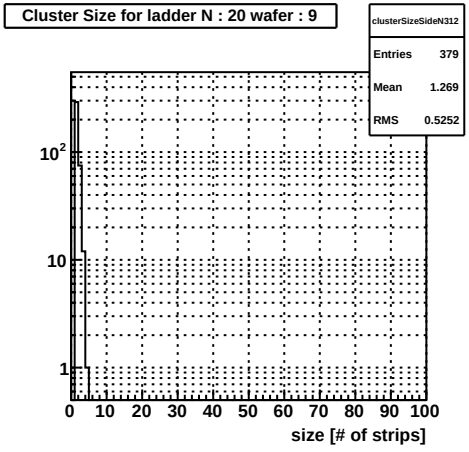

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8067
Mean 1.047
RMS 0.2495
size [# of strips]

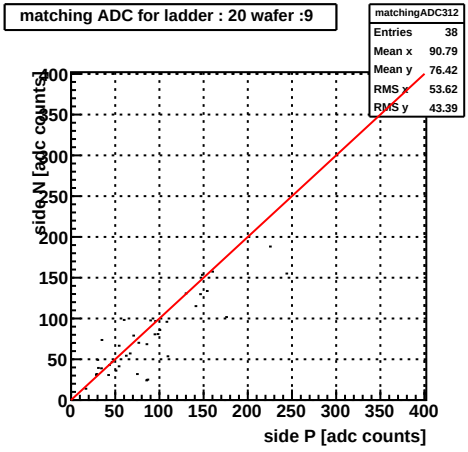

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 191
Mean x 49.93
Mean y 35.42
RMS x 42.14
RMS y 35.61
side N [adc counts]
side P [adc counts]

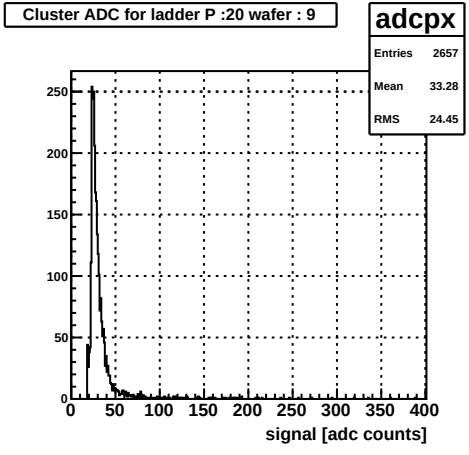

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 5024
Mean 31.4
RMS 22.3
signal [adc counts]

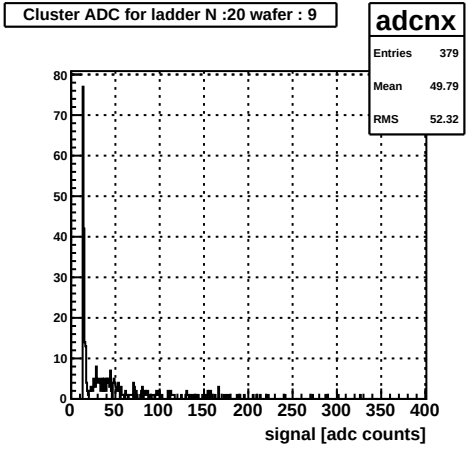

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8067
Mean 18.95
RMS 15.86
signal [adc counts]

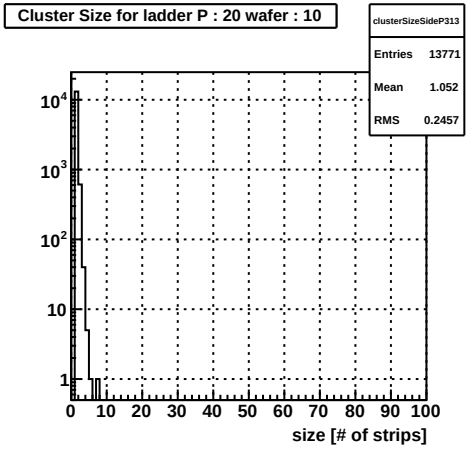

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2657
Mean 1.042
RMS 0.2282
size [# of strips]

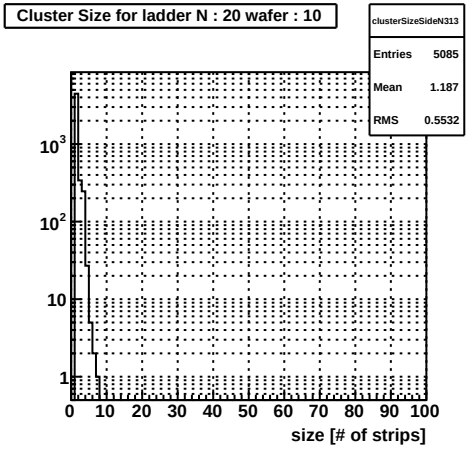

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 379
Mean 1.269
RMS 0.5252
size [# of strips]

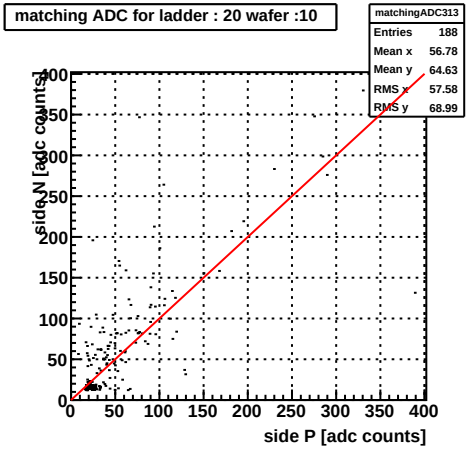

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 38
Mean x 90.79
Mean y 76.42
RMS x 53.62
RMS y 43.39
side N [adc counts]
side P [adc counts]

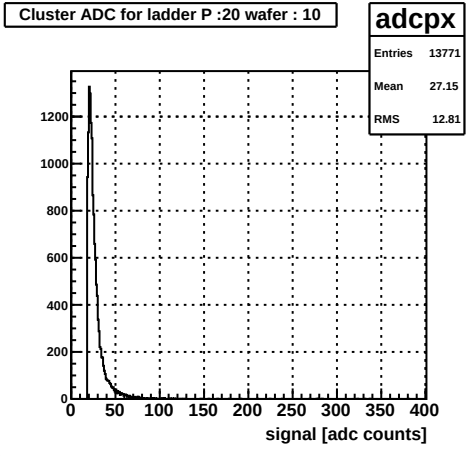

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2657
Mean 33.28
RMS 24.45
signal [adc counts]

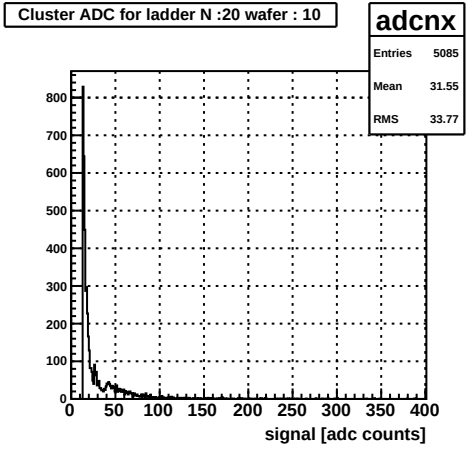

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 379
Mean 49.79
RMS 52.32
signal [adc counts]

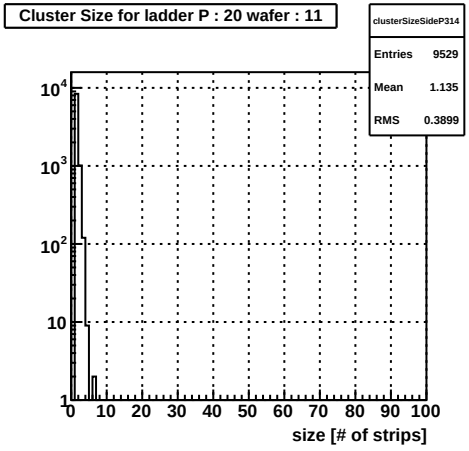

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13771
Mean 1.052
RMS 0.2457
size [# of strips]

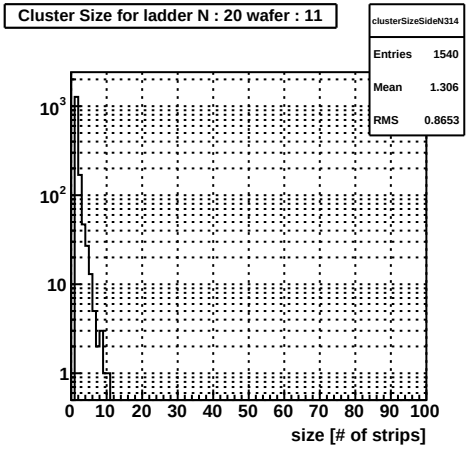

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 5085
Mean 1.187
RMS 0.5532
size [# of strips]

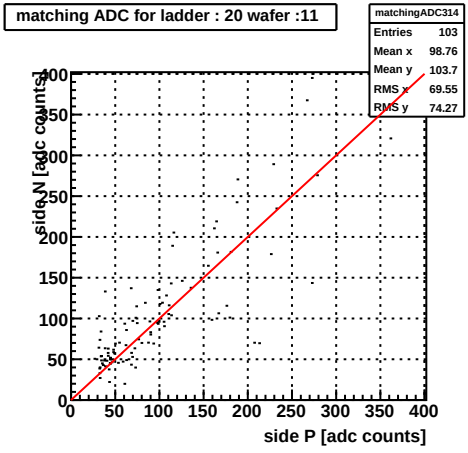

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 188
Mean x 56.78
Mean y 64.63
RMS x 57.58
RMS y 68.99
side N [adc counts]
side P [adc counts]

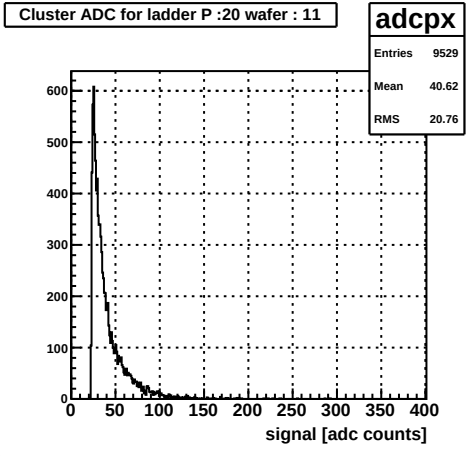

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13771
Mean 27.15
RMS 12.81
signal [adc counts]

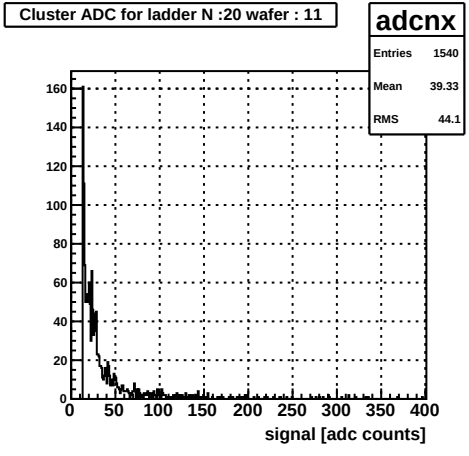

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 5085
Mean 31.55
RMS 33.77
signal [adc counts]

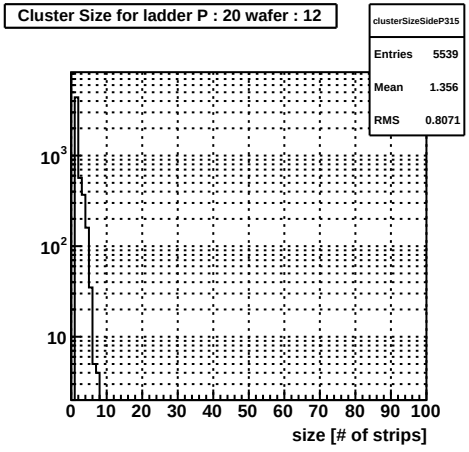

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9529
Mean 1.135
RMS 0.3899
size [# of strips]

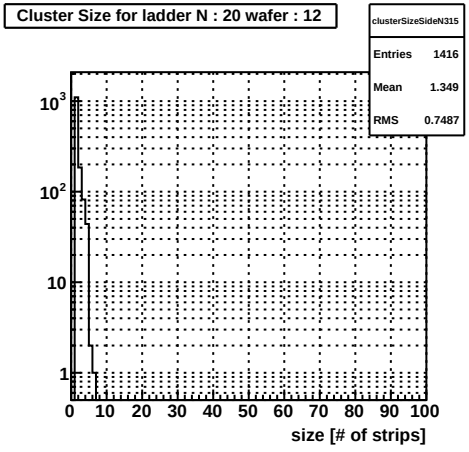

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1540
Mean 1.306
RMS 0.8653
size [# of strips]

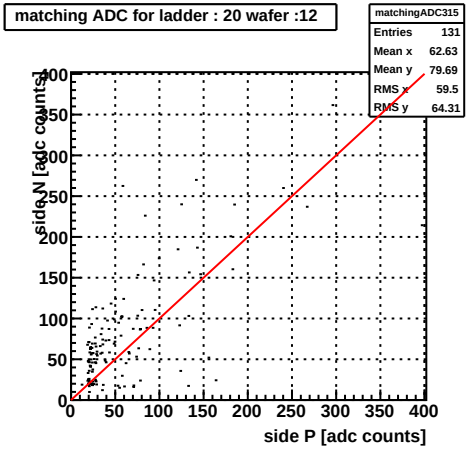

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 103
Mean x 98.76
Mean y 103.7
RMS x 69.55
RMS y 74.27
side N [adc counts]
side P [adc counts]

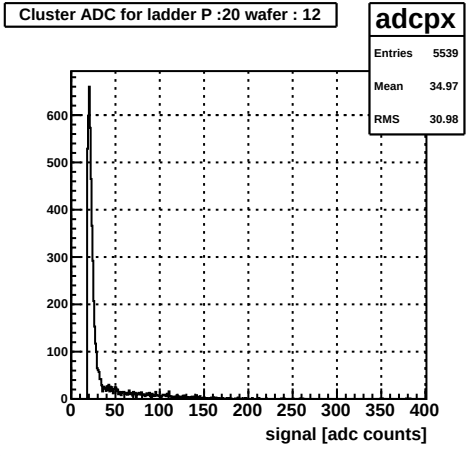

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9529
Mean 40.62
RMS 20.76
signal [adc counts]

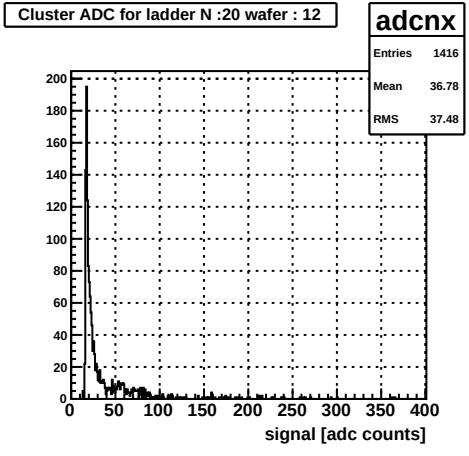

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1540
Mean 39.33
RMS 44.1
signal [adc counts]

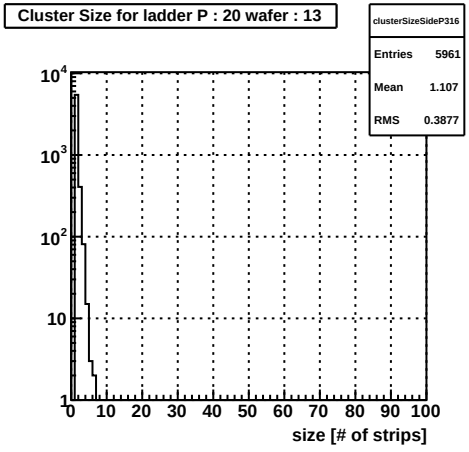

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5539
Mean 1.356
RMS 0.8071
size [# of strips]

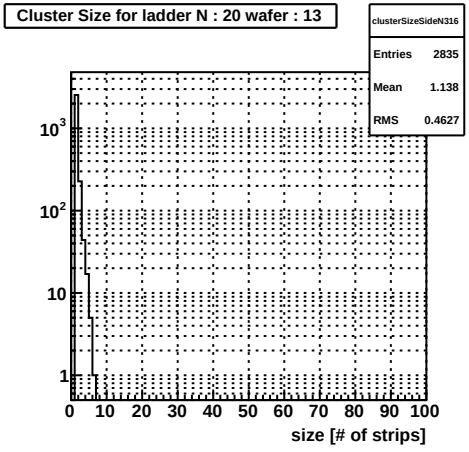

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1416
Mean 1.349
RMS 0.7487
size [# of strips]

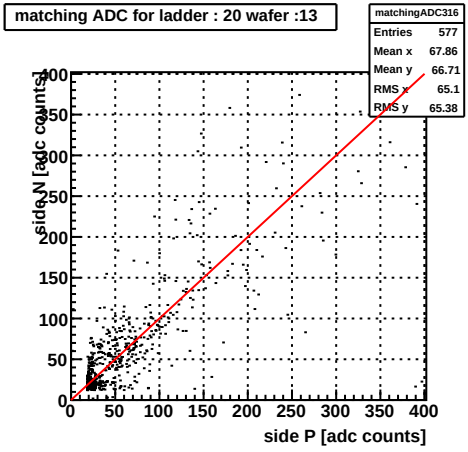

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 131
Mean x 62.63
Mean y 79.69
RMS x 59.5
RMS y 64.31
side N [adc counts]
side P [adc counts]

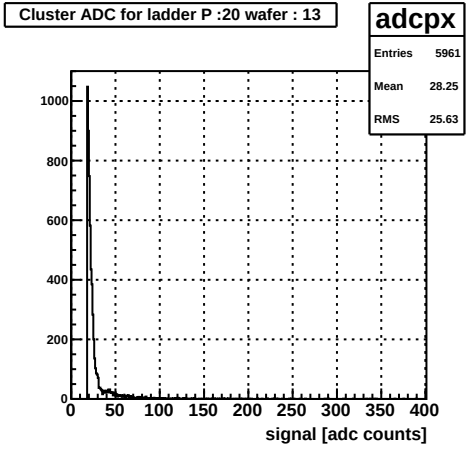

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5539
Mean 34.97
RMS 30.98
signal [adc counts]

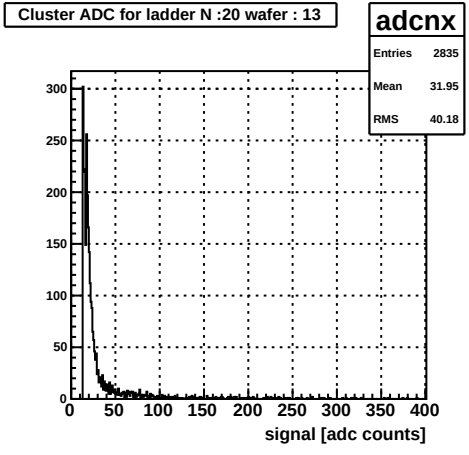

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1416
Mean 36.78
RMS 37.48
signal [adc counts]

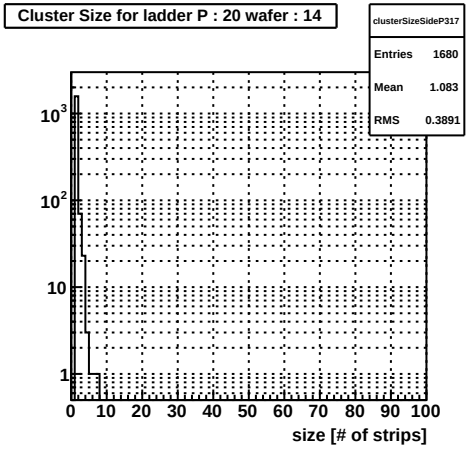

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5961
Mean 1.107
RMS 0.3877
size [# of strips]

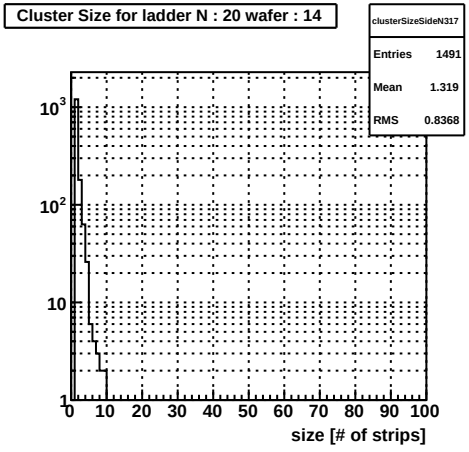

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2835
Mean 1.138
RMS 0.4627
size [# of strips]

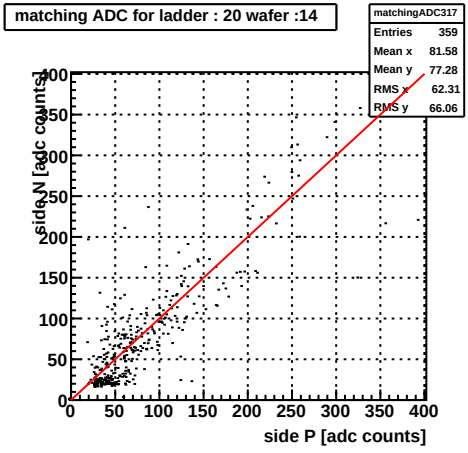

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 577
Mean x 67.86
Mean y 66.71
RMS x 65.1
RMS y 65.38
side N [adc counts]
side P [adc counts]

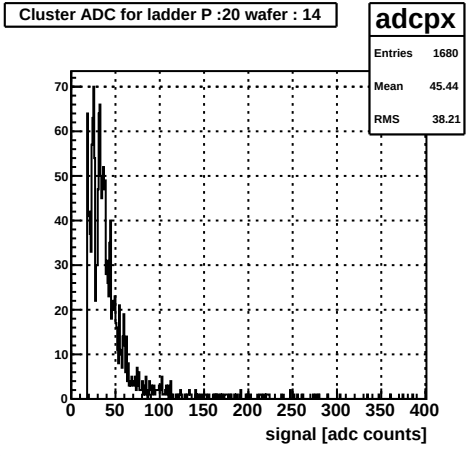

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5961
Mean 28.25
RMS 25.63
signal [adc counts]

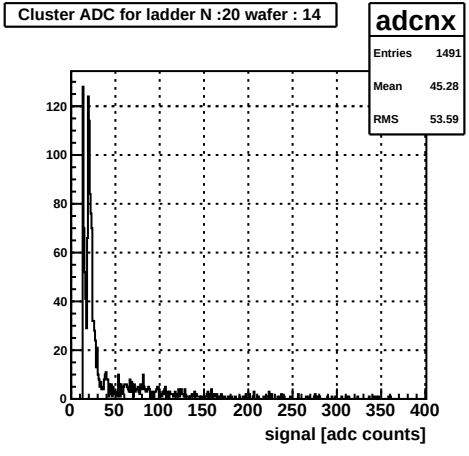

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2835
Mean 31.95
RMS 40.18
signal [adc counts]

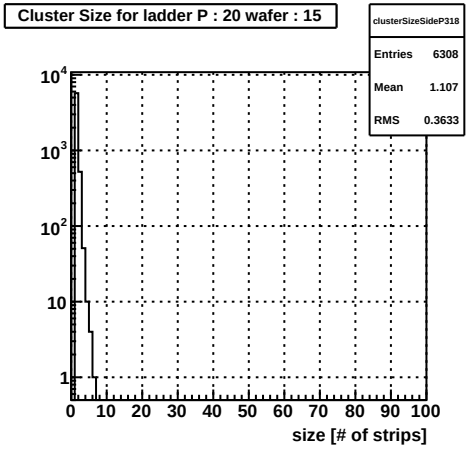

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1680
Mean 1.083
RMS 0.3891
size [# of strips]

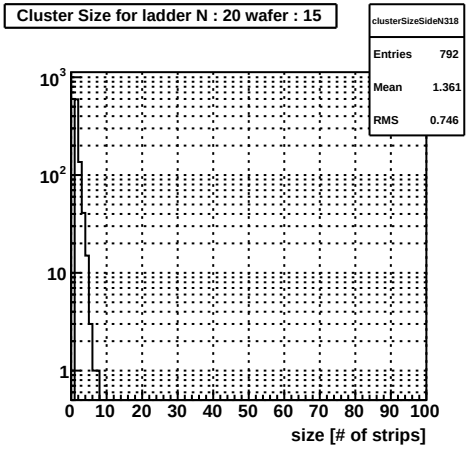

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1491
Mean 1.319
RMS 0.8368
size [# of strips]

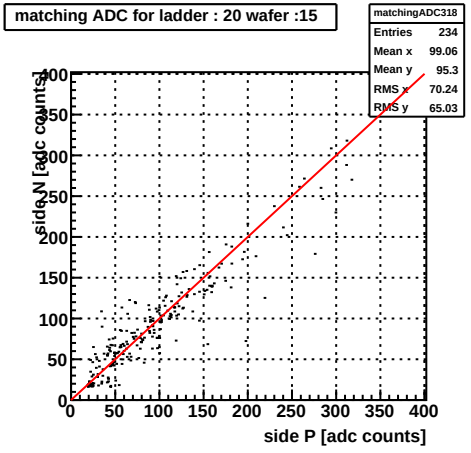

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 359
Mean x 81.58
Mean y 77.28
RMS x 62.31
RMS y 66.06
side N [adc counts]
side P [adc counts]

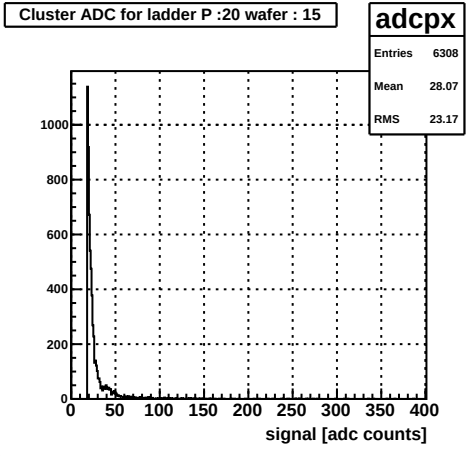

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1680
Mean 45.44
RMS 38.21
signal [adc counts]

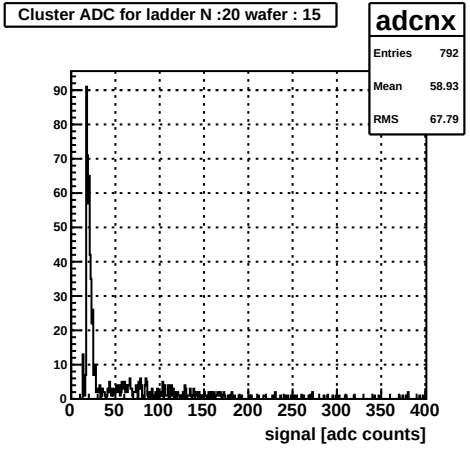

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1491
Mean 45.28
RMS 53.59
signal [adc counts]

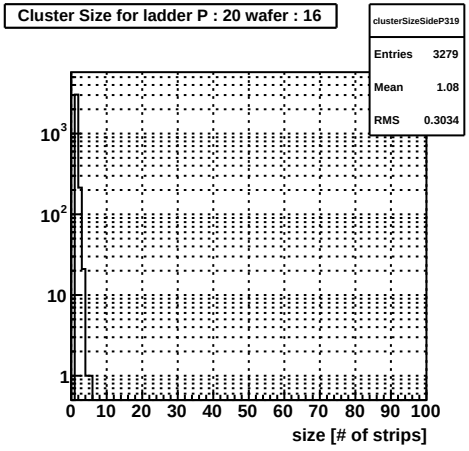

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6308
Mean 1.107
RMS 0.3633
size [# of strips]

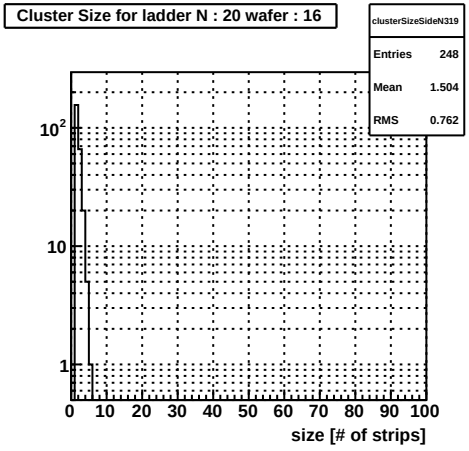

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 792
Mean 1.361
RMS 0.746
size [# of strips]

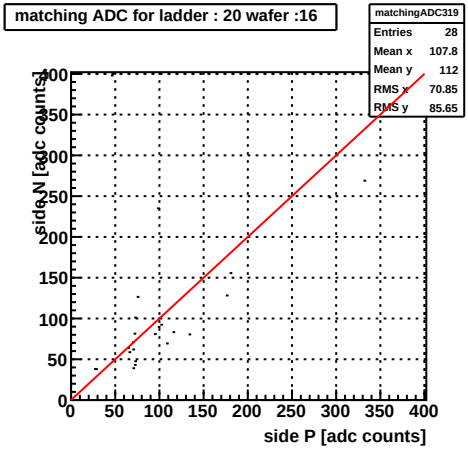

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 234
Mean x 99.06
Mean y 95.3
RMS x 70.24
RMS y 65.03
side N [adc counts]
side P [adc counts]

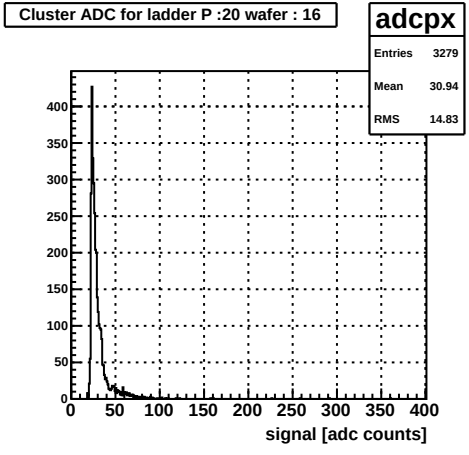

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6308
Mean 28.07
RMS 23.17
signal [adc counts]

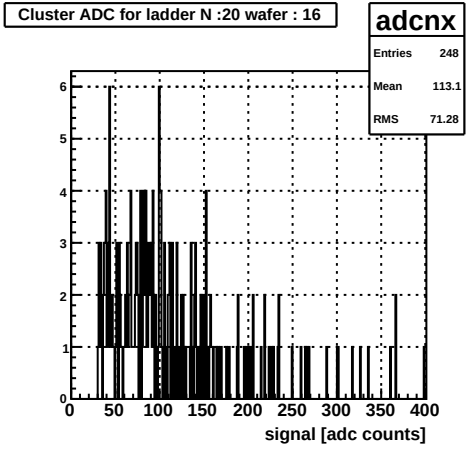

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 792
Mean 58.93
RMS 67.79
signal [adc counts]

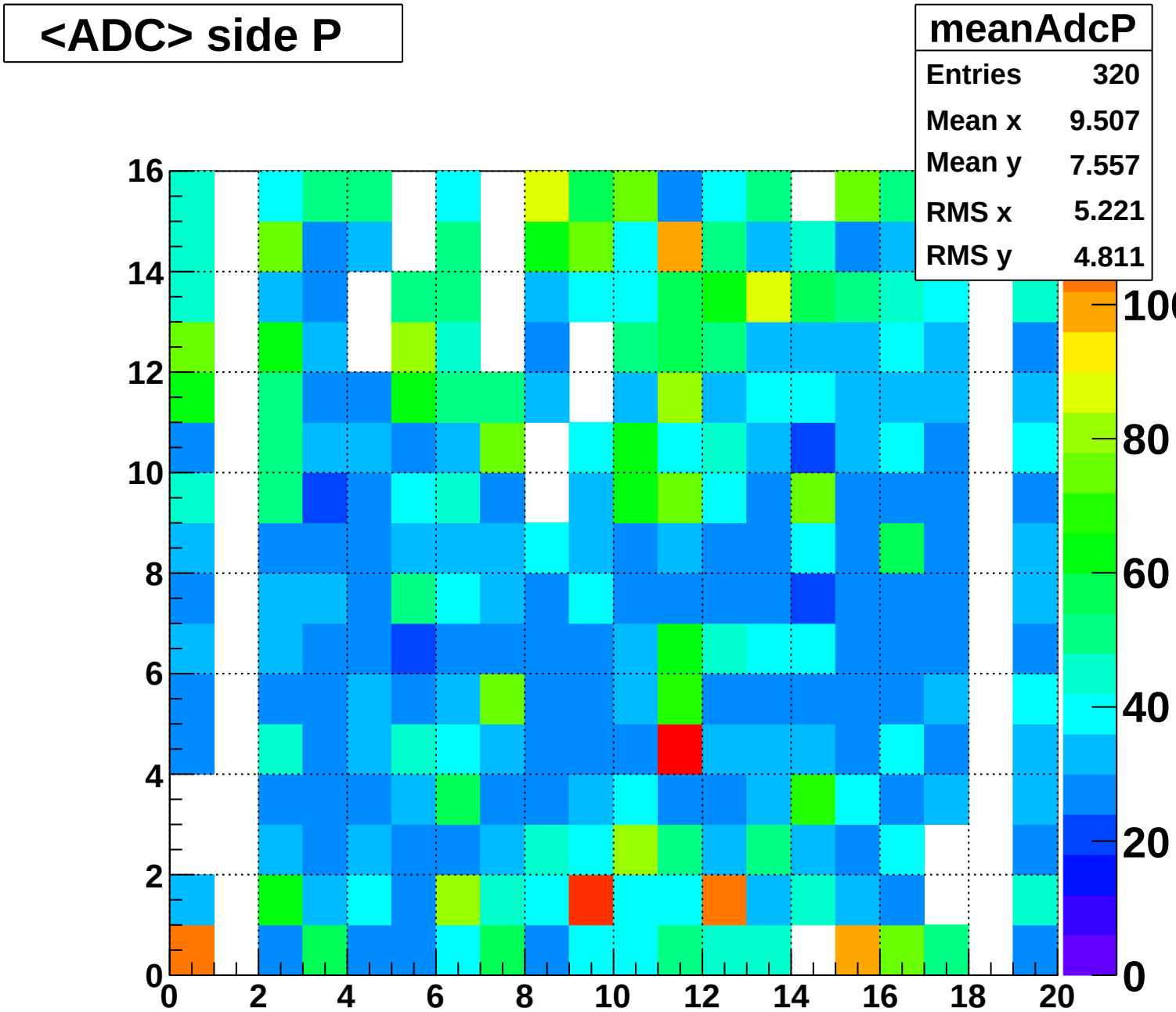

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3279
Mean 1.08
RMS 0.3034
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 248
Mean 1.504
RMS 0.762
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 28
Mean x 107.8
Mean y 112
RMS x 70.85
RMS y 85.65
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3279
Mean 30.94
RMS 14.83
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 248
Mean 113.1
RMS 71.28
signal [adc counts]



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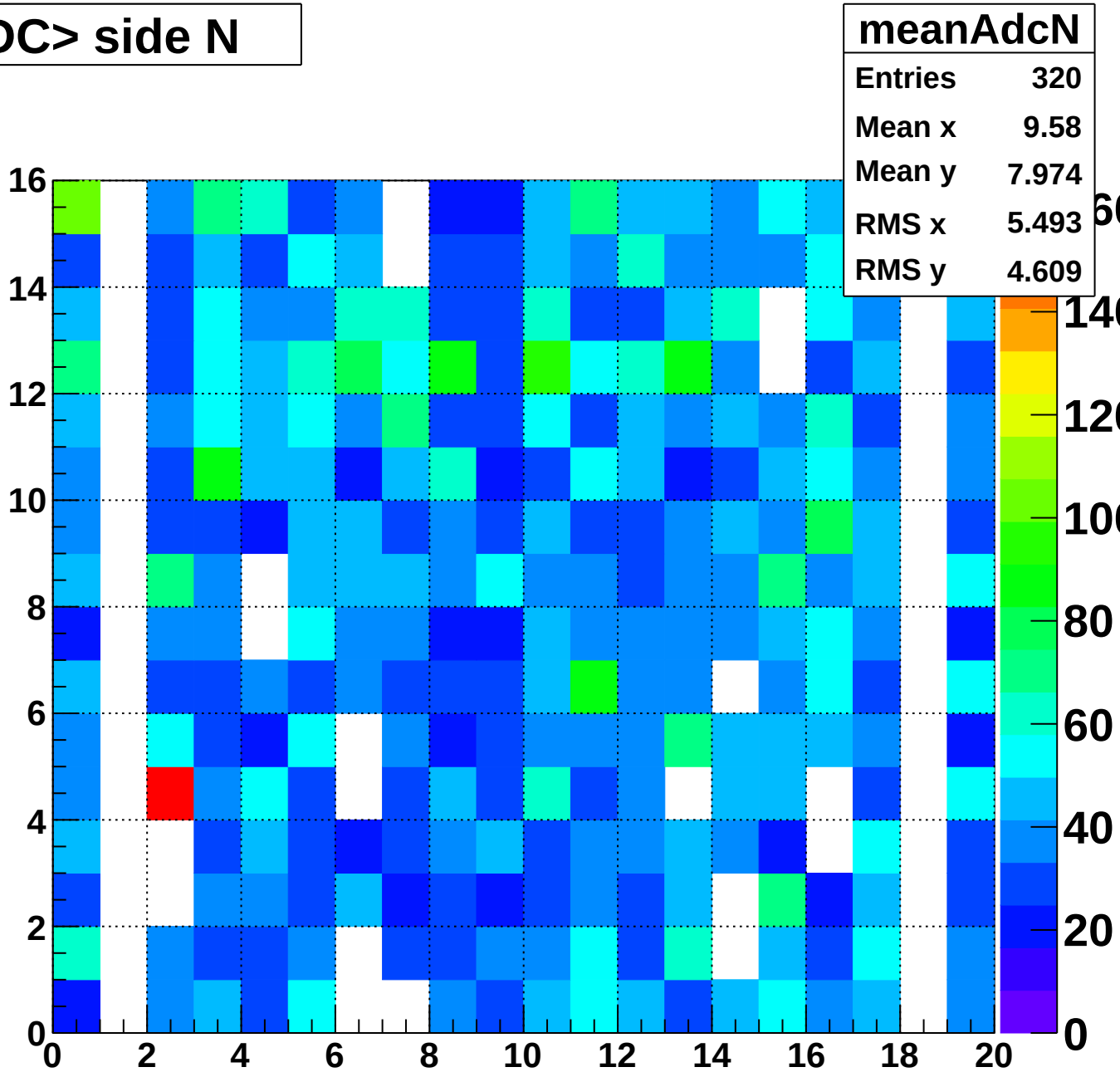
<ADC> side N



2016-05-24 14:03:58