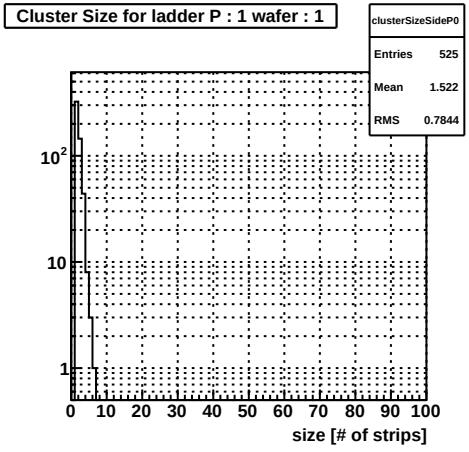
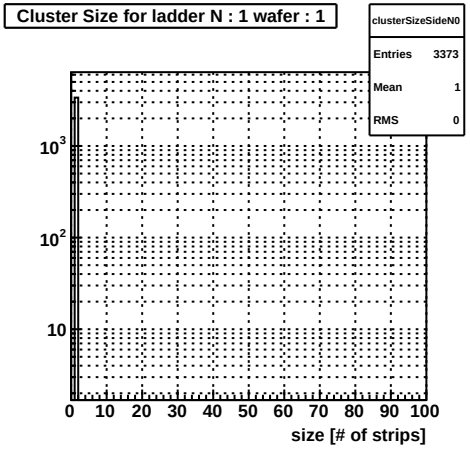
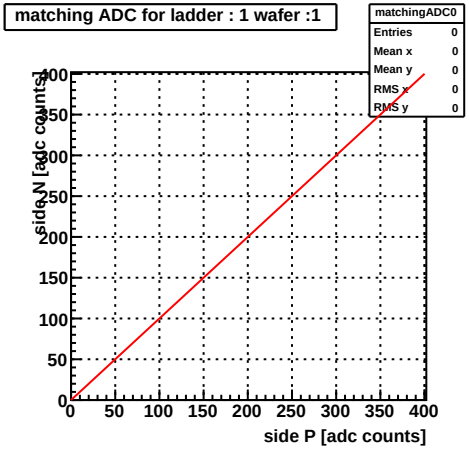
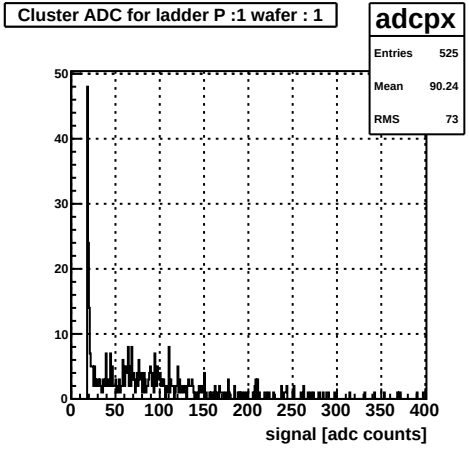
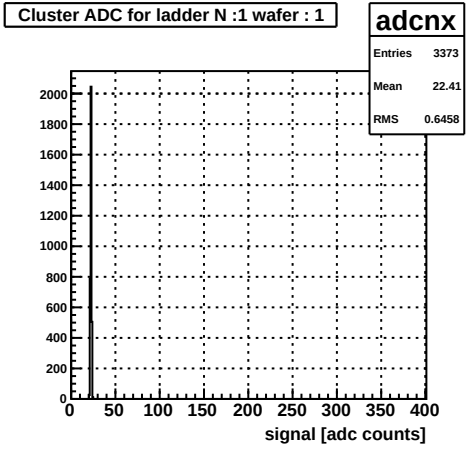
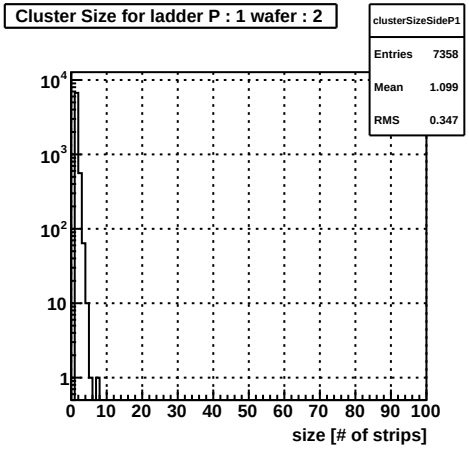

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 525
Mean 1.522
RMS 0.7844
size [# of strips]

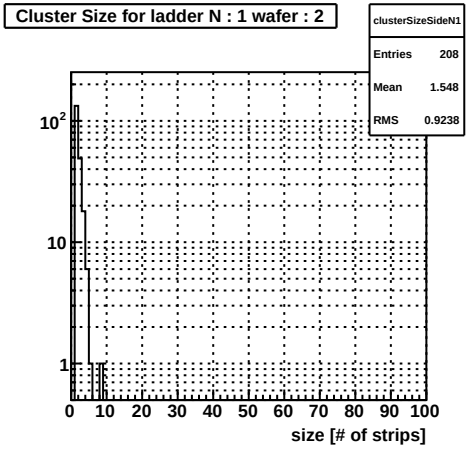

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3373
Mean 1
RMS 0
size [# of strips]

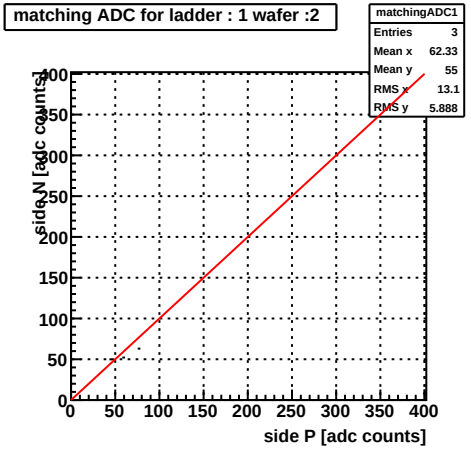

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

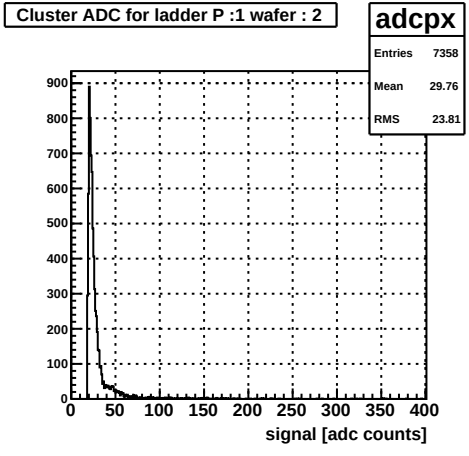

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 525
Mean 90.24
RMS 73
signal [adc counts]

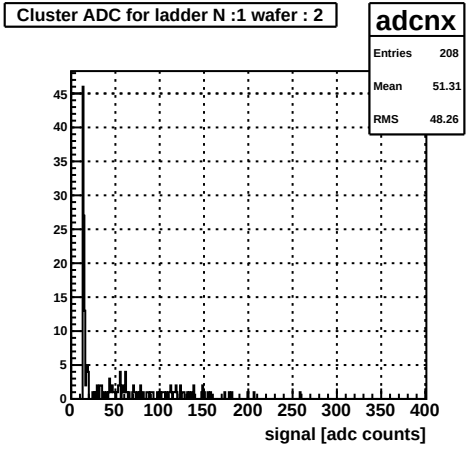

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3373
Mean 22.41
RMS 0.6458
signal [adc counts]

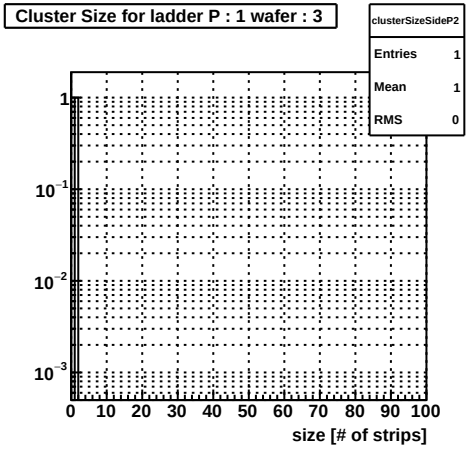

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 7358
Mean 1.099
RMS 0.347
size [# of strips]

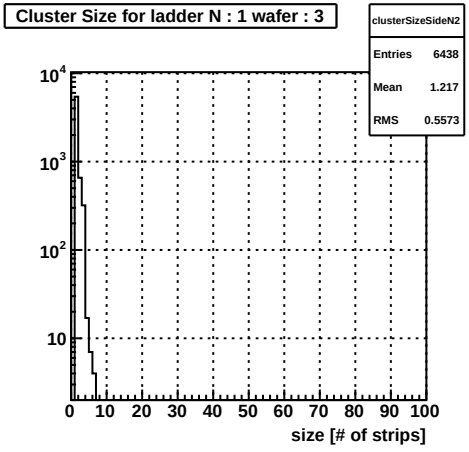

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 208
Mean 1.548
RMS 0.9238
size [# of strips]

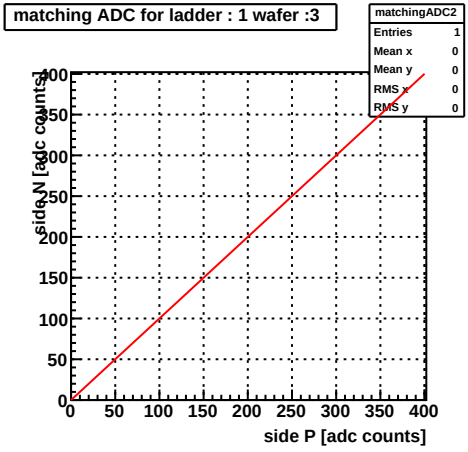

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 3
Mean x 62.33
Mean y 55
RMS x 13.1
RMS y 5.888
side N [adc counts]
side P [adc counts]

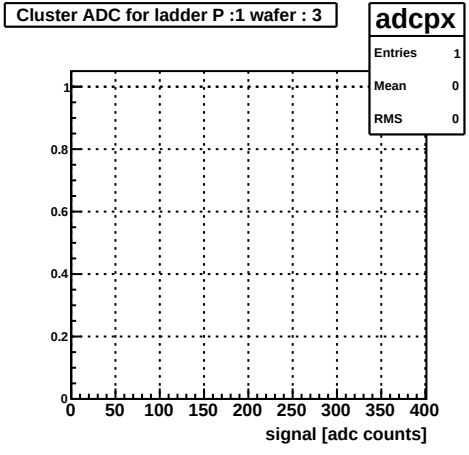

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 7358
Mean 29.76
RMS 23.81
signal [adc counts]

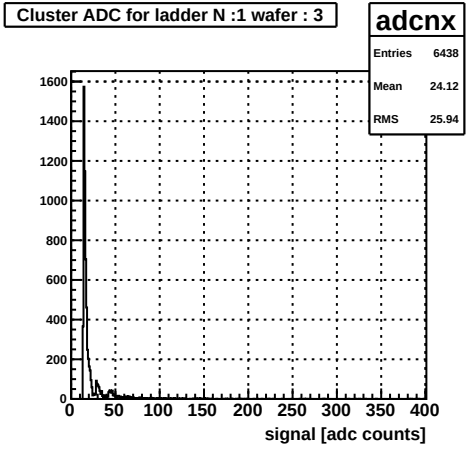

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 208
Mean 51.31
RMS 48.26
signal [adc counts]

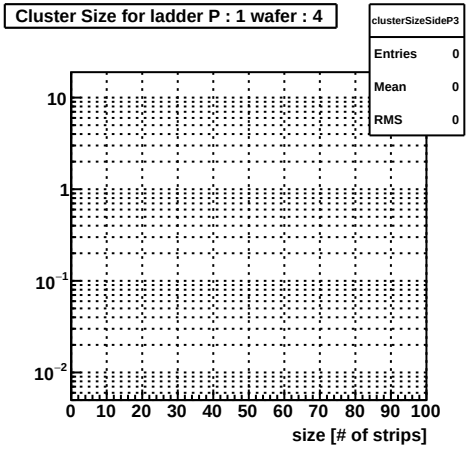

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

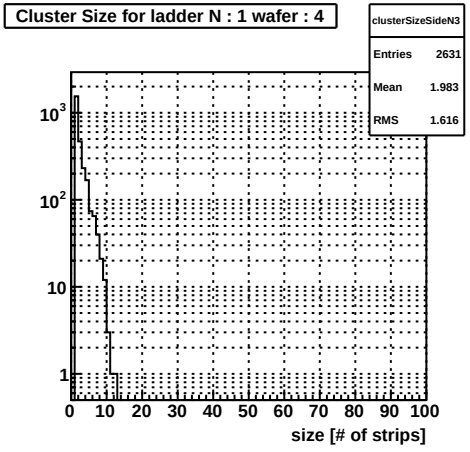

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6438
Mean 1.217
RMS 0.5573
size [# of strips]

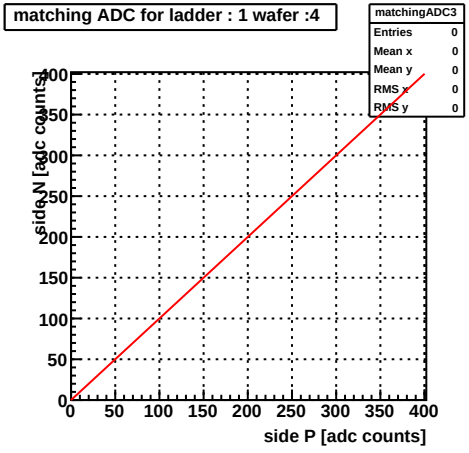

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

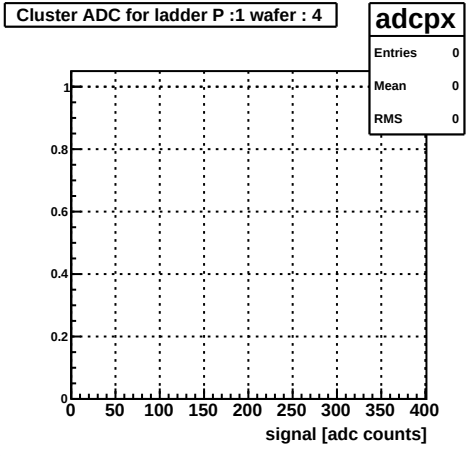

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

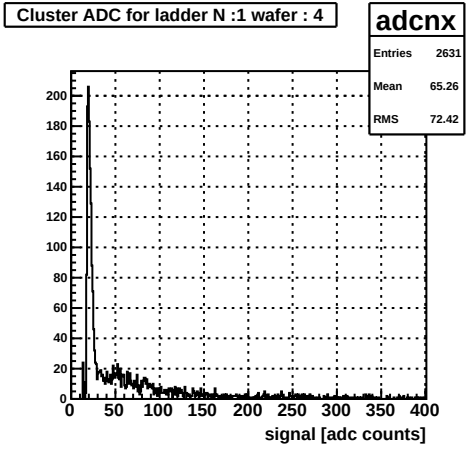

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6438
Mean 24.12
RMS 25.94
signal [adc counts]

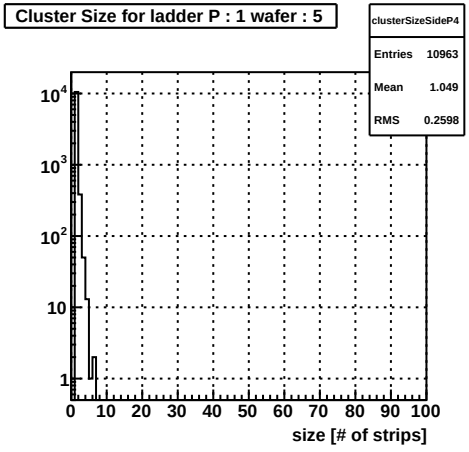

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

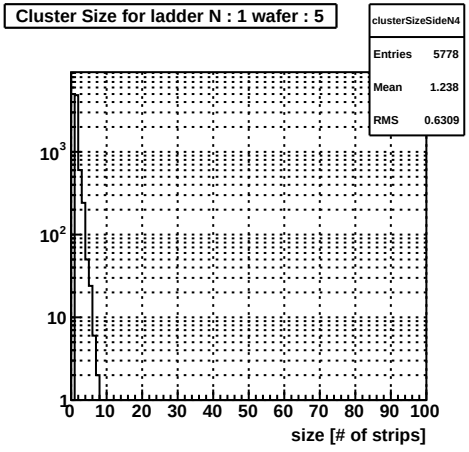

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2631
Mean 1.983
RMS 1.616
size [# of strips]

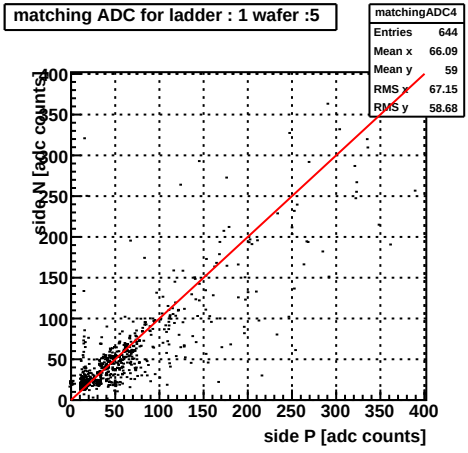

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

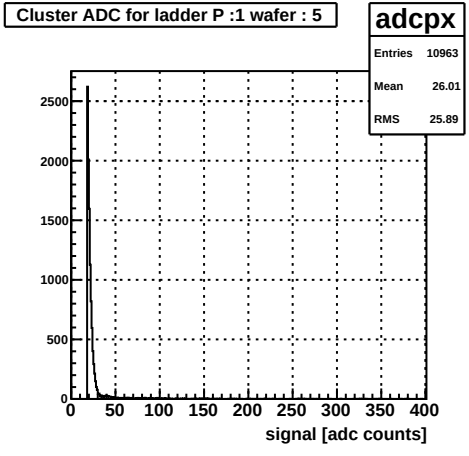

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

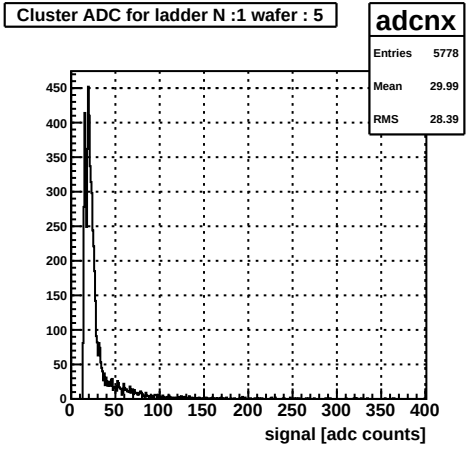

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2631
Mean 65.26
RMS 72.42
signal [adc counts]

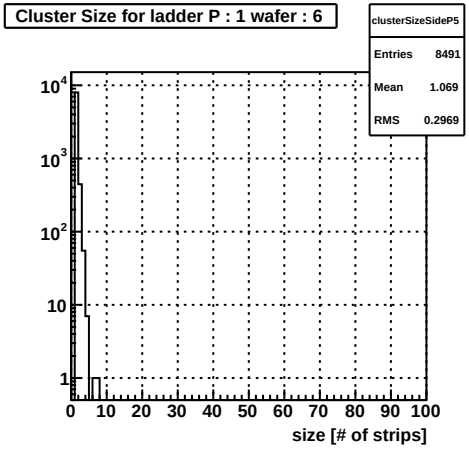

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10963
Mean 1.049
RMS 0.2598
size [# of strips]

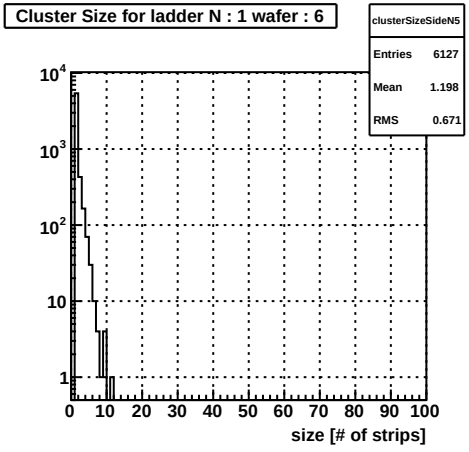

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 5778
Mean 1.238
RMS 0.6309
size [# of strips]

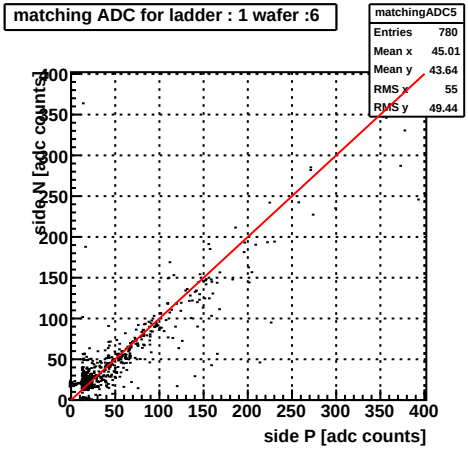

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 644
Mean x 66.09
Mean y 59
RMS x 67.15
RMS y 58.68
side N [adc counts]
side P [adc counts]

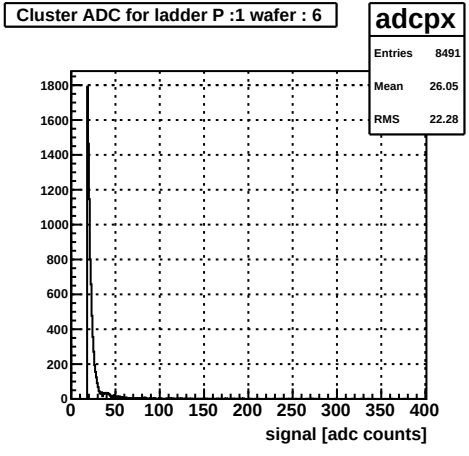

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10963
Mean 26.01
RMS 25.89
signal [adc counts]

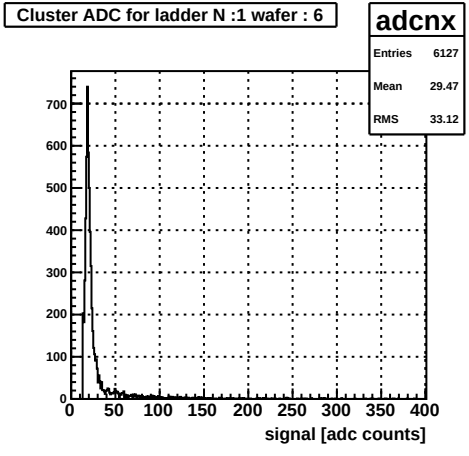

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 5778
Mean 29.99
RMS 28.39
signal [adc counts]

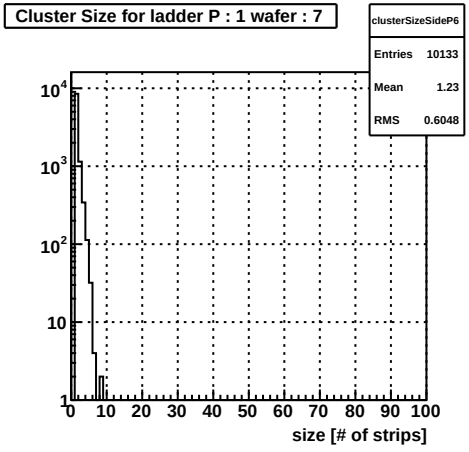

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 8491
Mean 1.069
RMS 0.2969
size [# of strips]

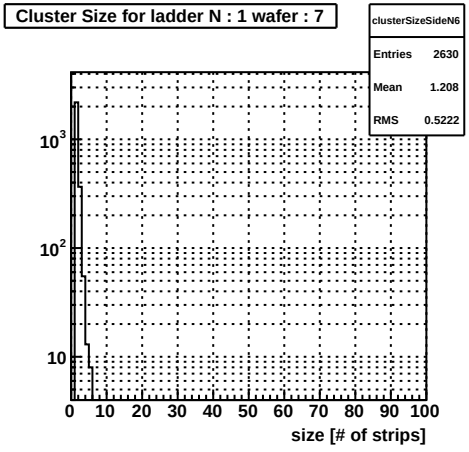

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 6127
Mean 1.198
RMS 0.671
size [# of strips]

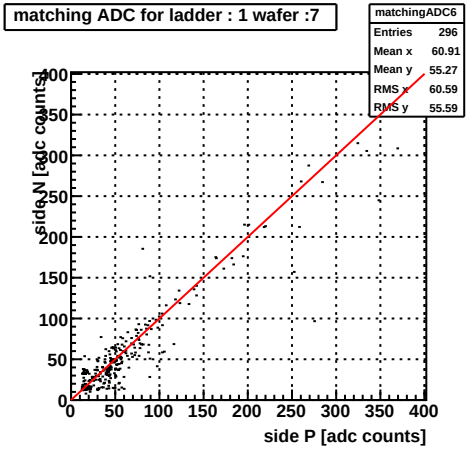

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 780
Mean x 45.01
Mean y 43.64
RMS x 55
RMS y 49.44
side N [adc counts]
side P [adc counts]

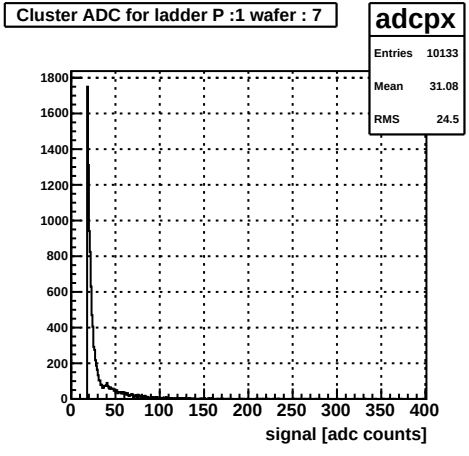

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 8491
Mean 26.05
RMS 22.28
signal [adc counts]

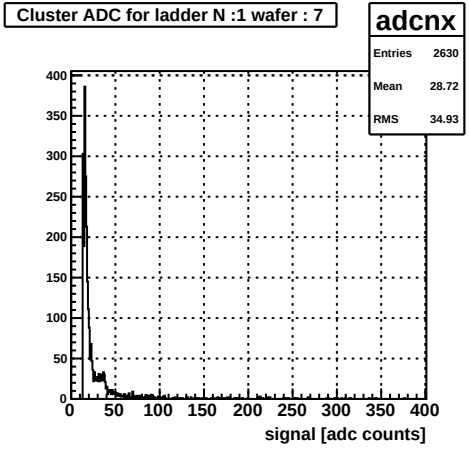

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 6127
Mean 29.47
RMS 33.12
signal [adc counts]

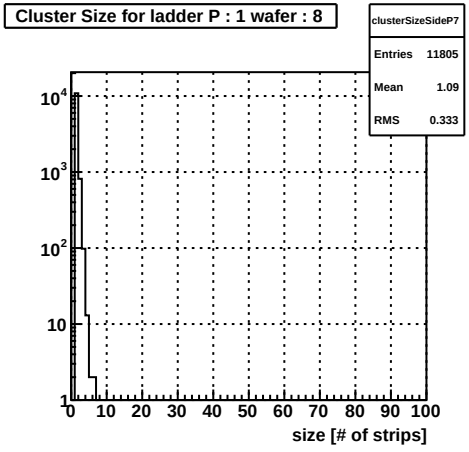

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10133
Mean 1.23
RMS 0.6048
size [# of strips]

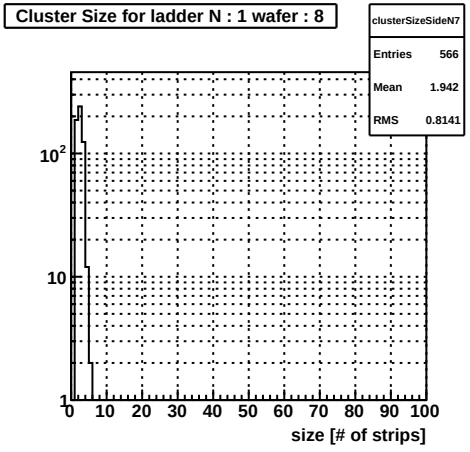

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2630
Mean 1.208
RMS 0.5222
size [# of strips]

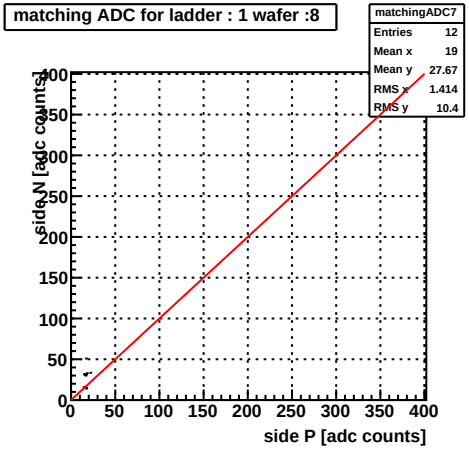

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 296
Mean x 60.91
Mean y 55.27
RMS x 60.59
RMS y 55.59
side N [adc counts]
side P [adc counts]

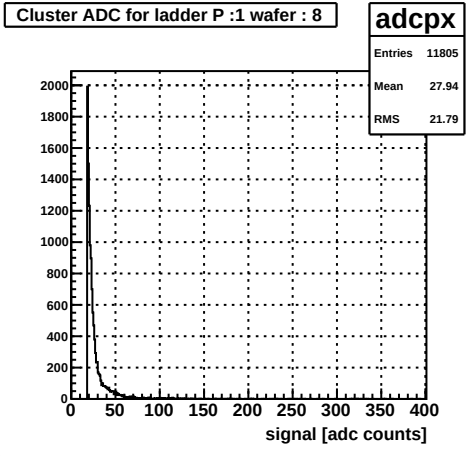

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10133
Mean 31.08
RMS 24.5
signal [adc counts]

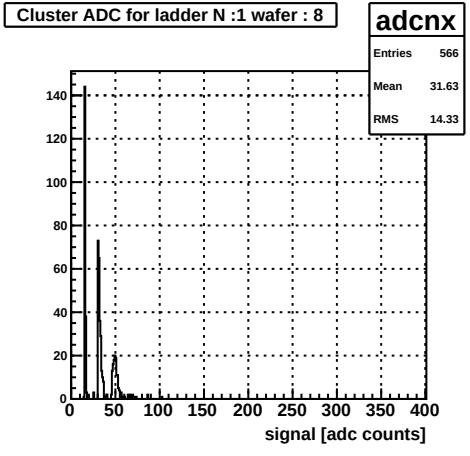

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2630
Mean 28.72
RMS 34.93
signal [adc counts]

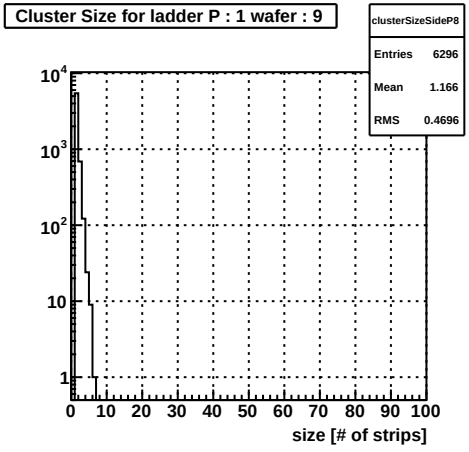

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 11805
Mean 1.09
RMS 0.333
size [# of strips]

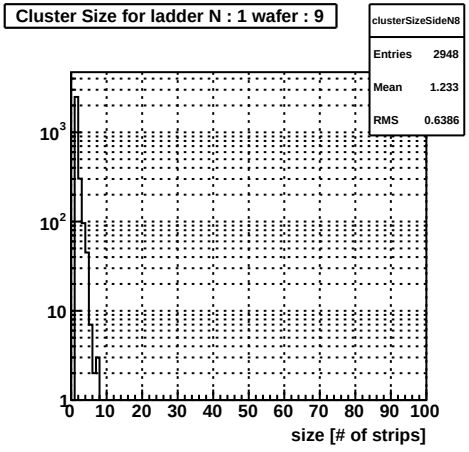

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 566
Mean 1.942
RMS 0.8141
size [# of strips]

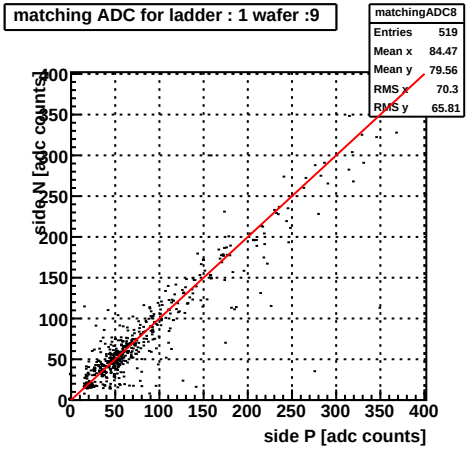

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 12
Mean x 19
Mean y 27.67
RMS x 1.414
RMS y 10.4
side N [adc counts]
side P [adc counts]

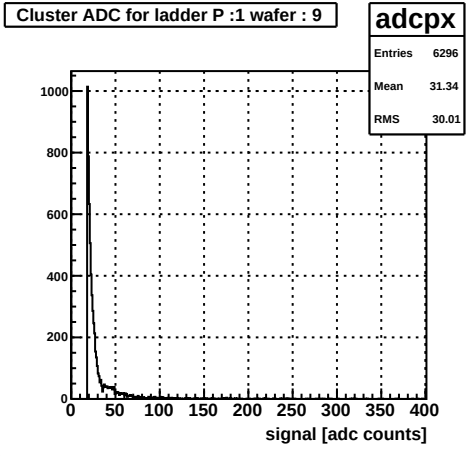

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 11805
Mean 27.94
RMS 21.79
signal [adc counts]

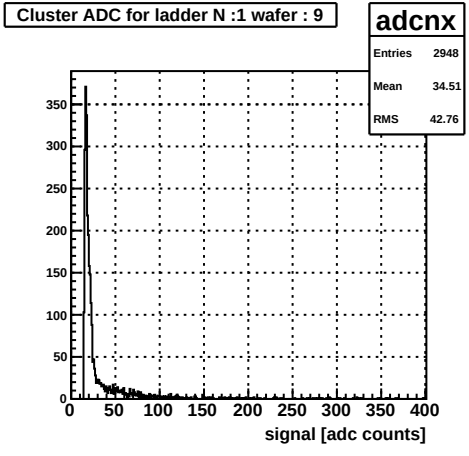

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 566
Mean 31.63
RMS 14.33
signal [adc counts]

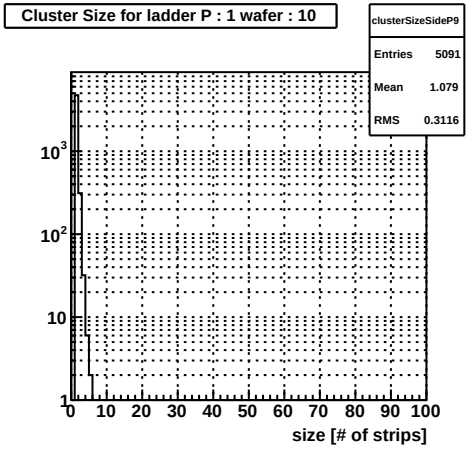

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 6296
Mean 1.166
RMS 0.4696
size [# of strips]

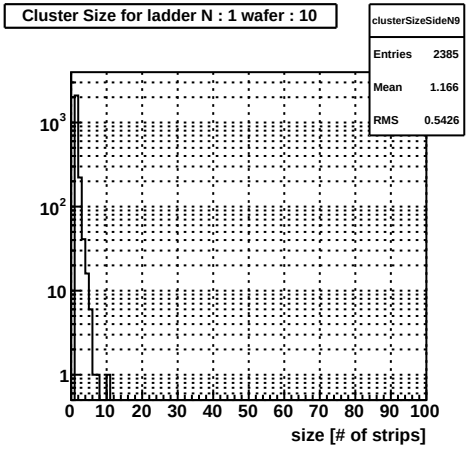

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2948
Mean 1.233
RMS 0.6386
size [# of strips]

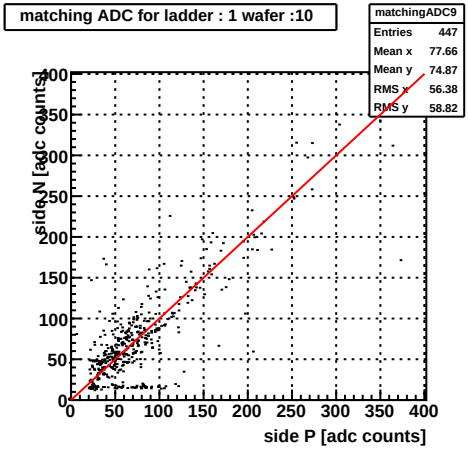

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 519
Mean x 84.47
Mean y 79.56
RMS x 70.3
RMS y 65.81
side N [adc counts]
side P [adc counts]

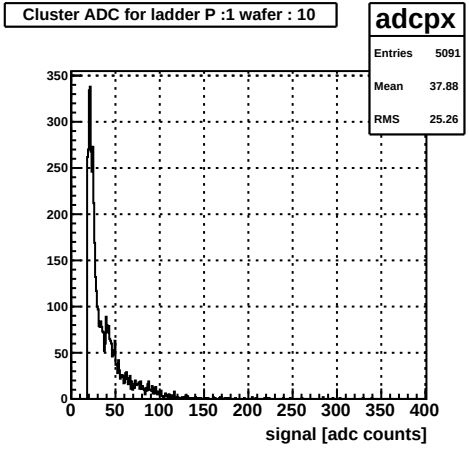

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 6296
Mean 31.34
RMS 30.01
signal [adc counts]

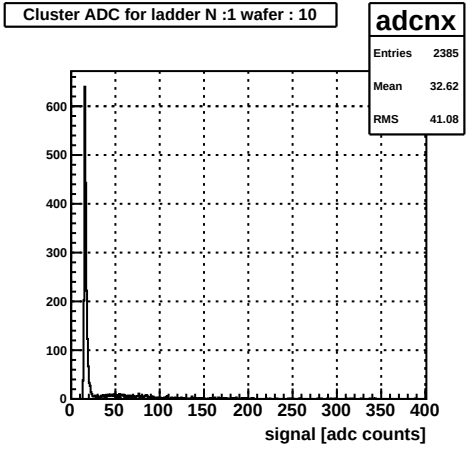

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2948
Mean 34.51
RMS 42.76
signal [adc counts]

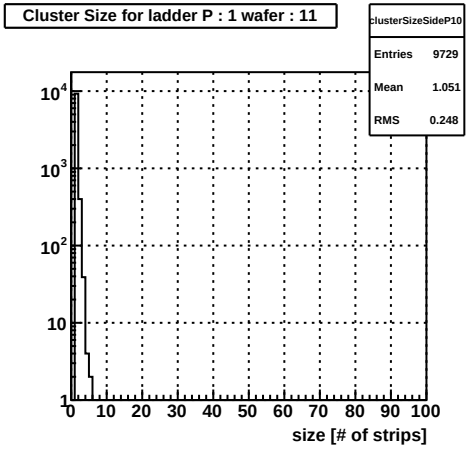

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5091
Mean 1.079
RMS 0.3116
size [# of strips]

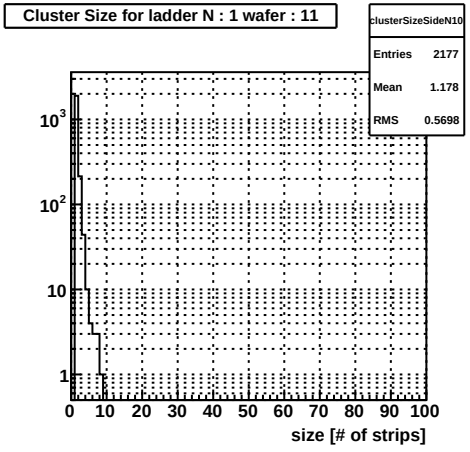

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2385
Mean 1.166
RMS 0.5426
size [# of strips]

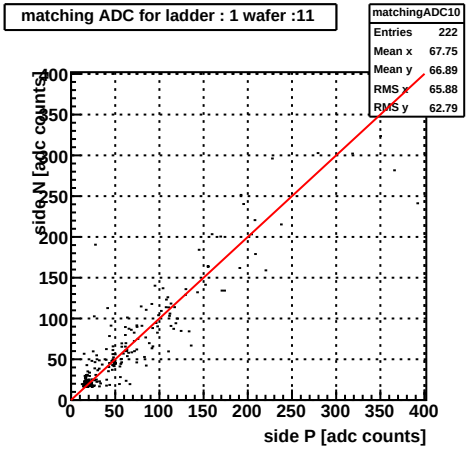

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 447
Mean x 77.66
Mean y 74.87
RMS x 56.38
RMS y 58.82
side N [adc counts]
side P [adc counts]

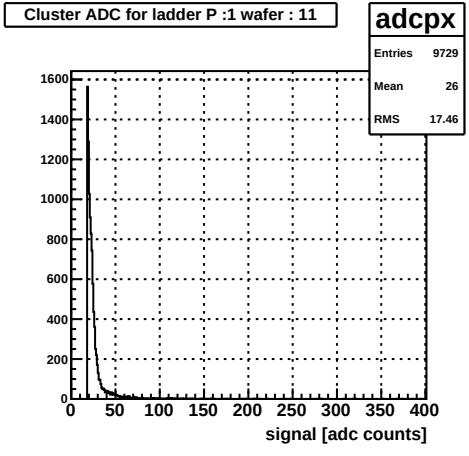

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5091
Mean 37.88
RMS 25.26
signal [adc counts]

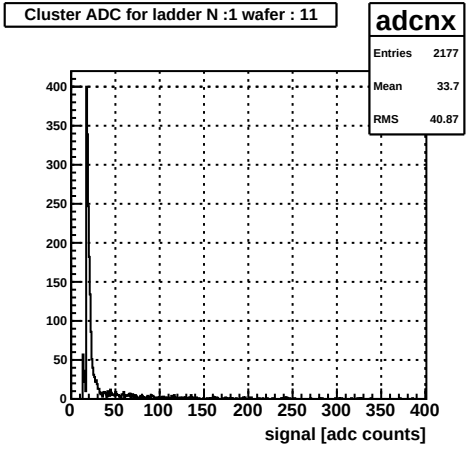

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2385
Mean 32.62
RMS 41.08
signal [adc counts]

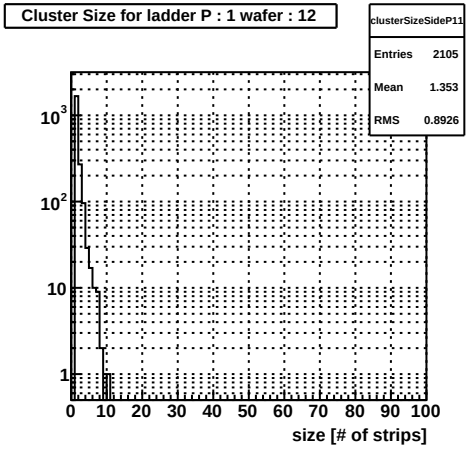

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9729
Mean 1.051
RMS 0.248
size [# of strips]

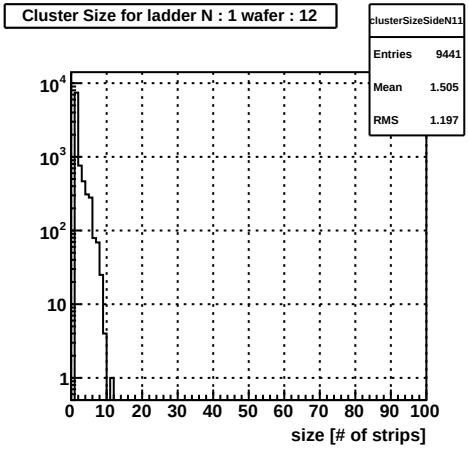

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2177
Mean 1.178
RMS 0.5698
size [# of strips]

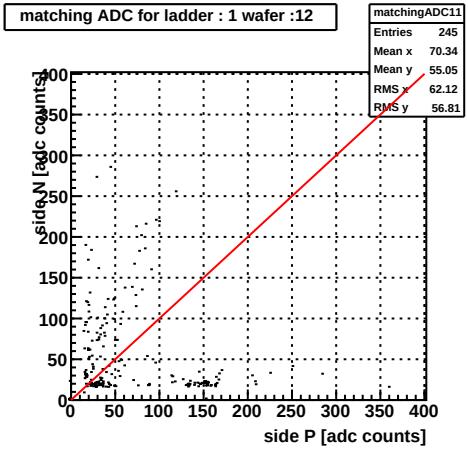

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 222
Mean x 67.75
Mean y 66.89
RMS x 65.88
RMS y 62.79
side N [adc counts]
side P [adc counts]

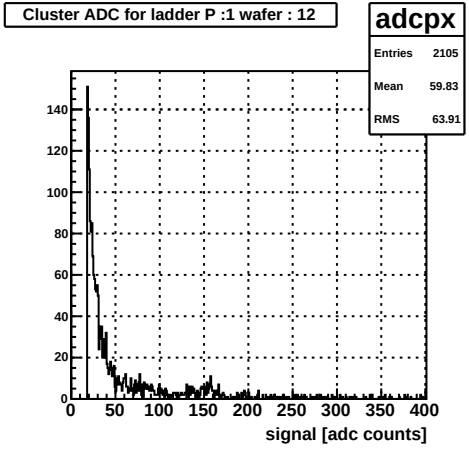

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9729
Mean 26
RMS 17.46
signal [adc counts]

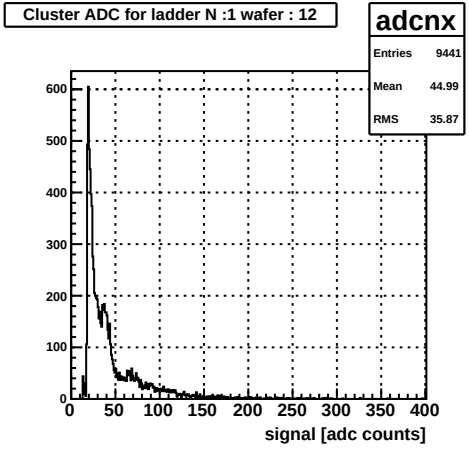

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2177
Mean 33.7
RMS 40.87
signal [adc counts]

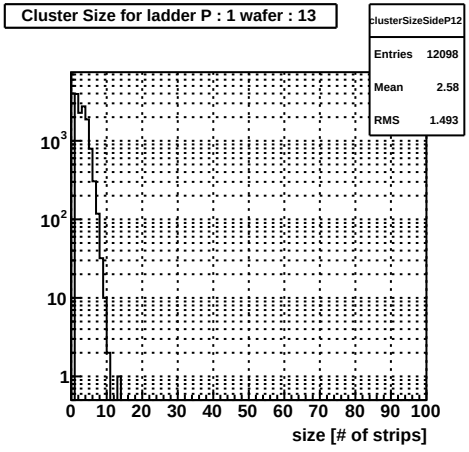

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2105
Mean 1.353
RMS 0.8926
size [# of strips]

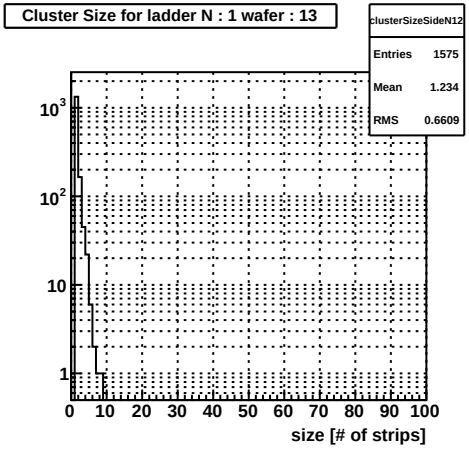

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9441
Mean 1.505
RMS 1.197
size [# of strips]

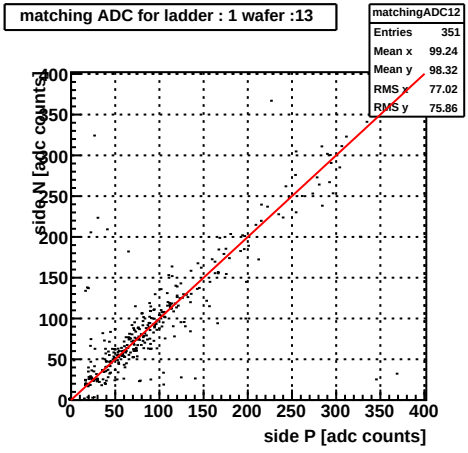

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 245
Mean x 70.34
Mean y 55.05
RMS x 62.12
RMS y 56.81
side N [adc counts]
side P [adc counts]

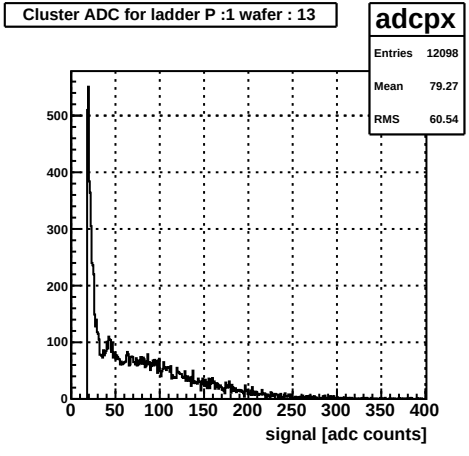

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2105
Mean 59.83
RMS 63.91
signal [adc counts]

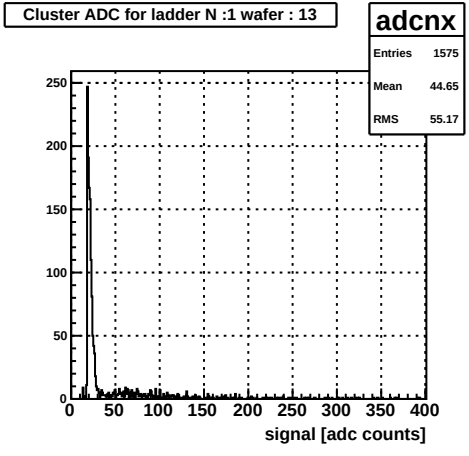

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9441
Mean 44.99
RMS 35.87
signal [adc counts]

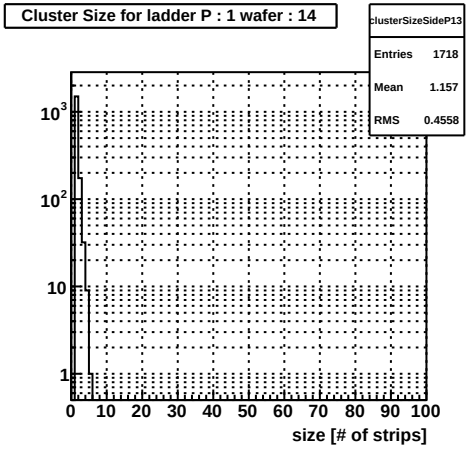

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12098
Mean 2.58
RMS 1.493
size [# of strips]

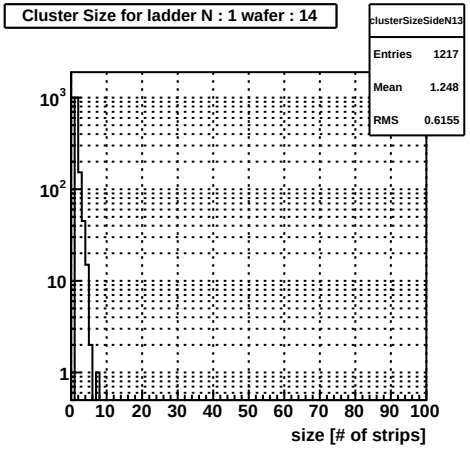

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1575
Mean 1.234
RMS 0.6609
size [# of strips]

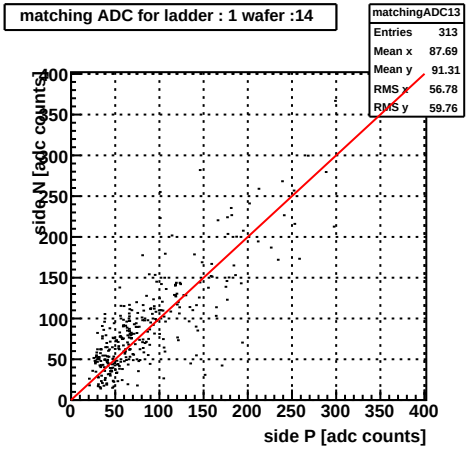

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 351
Mean x 99.24
Mean y 98.32
RMS x 77.02
RMS y 75.86
side N [adc counts]
side P [adc counts]

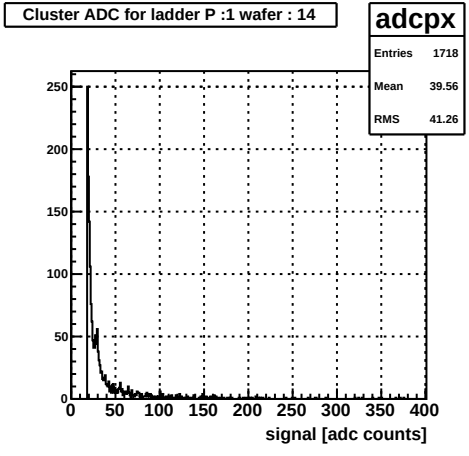

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12098
Mean 79.27
RMS 60.54
signal [adc counts]

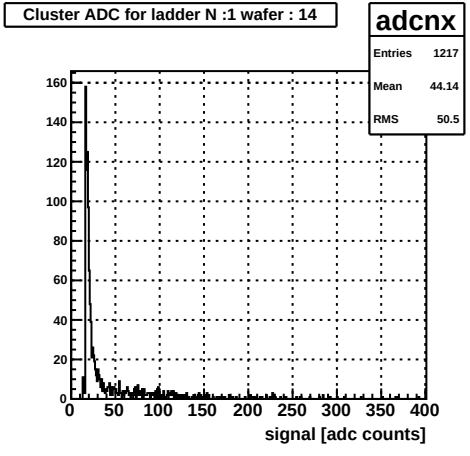

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1575
Mean 44.65
RMS 55.17
signal [adc counts]

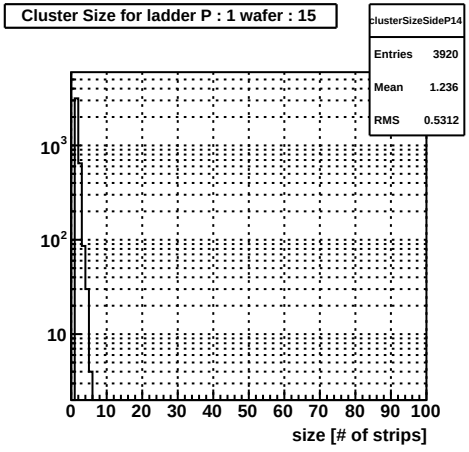

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1718
Mean 1.157
RMS 0.4558
size [# of strips]

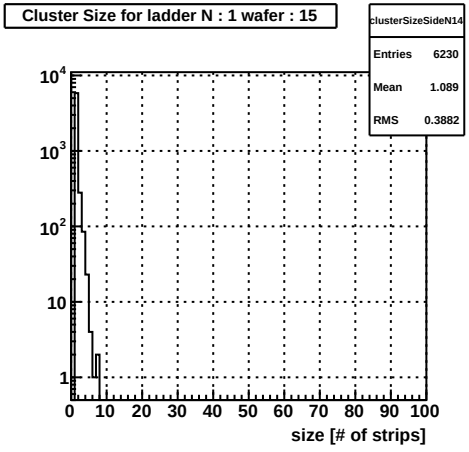

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1217
Mean 1.248
RMS 0.6155
size [# of strips]

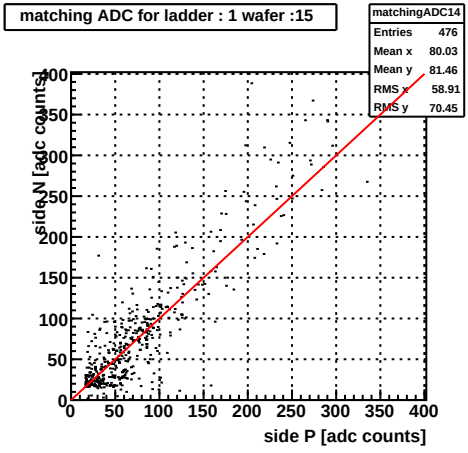

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 313
Mean x 87.69
Mean y 91.31
RMS x 56.78
RMS y 59.76
side N [adc counts]
side P [adc counts]

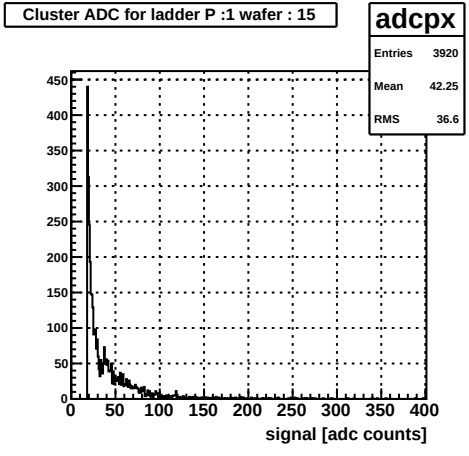

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1718
Mean 39.56
RMS 41.26
signal [adc counts]

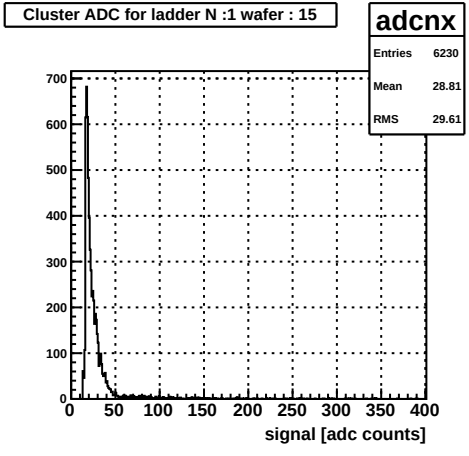

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1217
Mean 44.14
RMS 50.5
signal [adc counts]

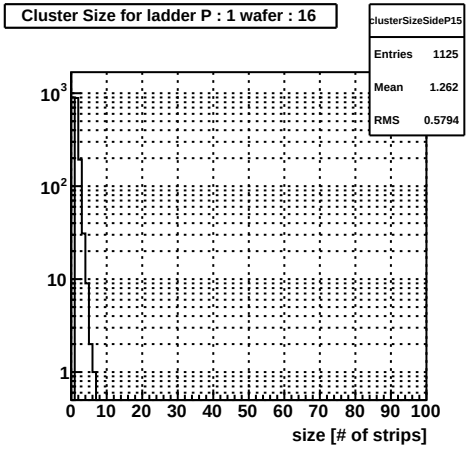

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3920
Mean 1.236
RMS 0.5312
size [# of strips]

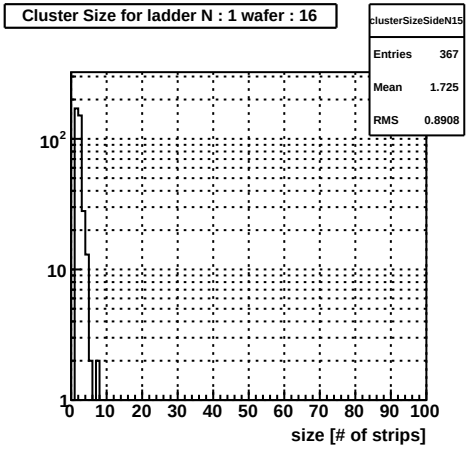

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 6230
Mean 1.089
RMS 0.3882
size [# of strips]

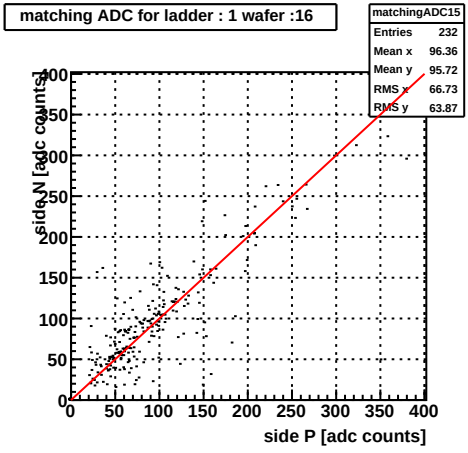

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 476
Mean x 80.03
Mean y 81.46
RMS x 58.91
RMS y 70.45
side N [adc counts]
side P [adc counts]

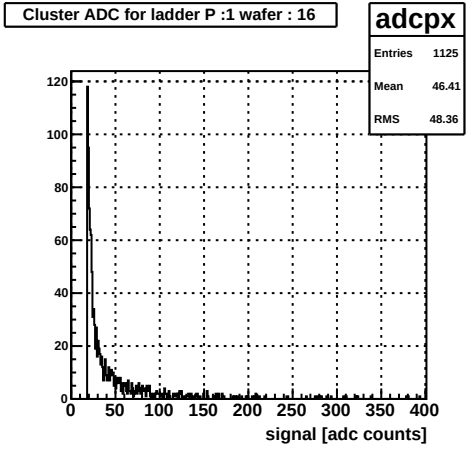

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3920
Mean 42.25
RMS 36.6
signal [adc counts]

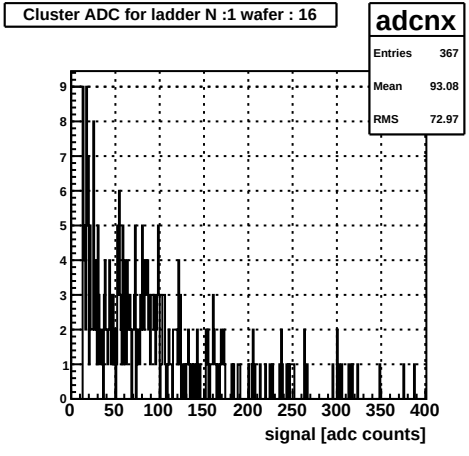

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 6230
Mean 28.81
RMS 29.61
signal [adc counts]

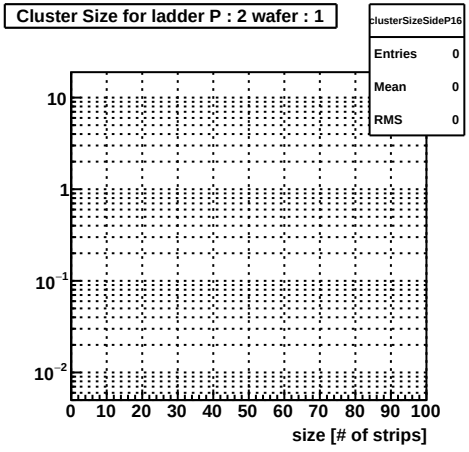

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1125
Mean 1.262
RMS 0.5794
size [# of strips]

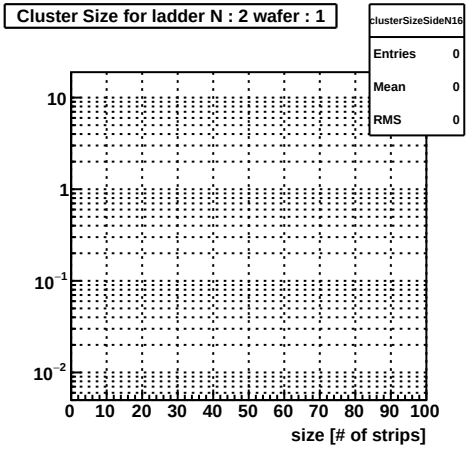

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 367
Mean 1.725
RMS 0.8908
size [# of strips]

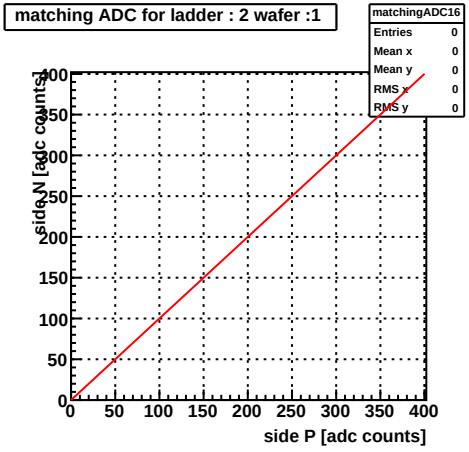

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 232
Mean x 96.36
Mean y 95.72
RMS x 66.73
RMS y 63.87
side N [adc counts]
side P [adc counts]

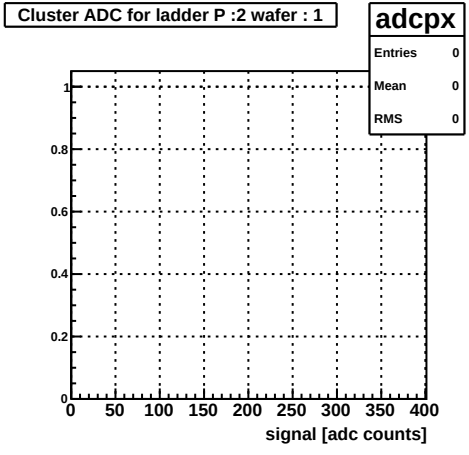

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1125
Mean 46.41
RMS 48.36
signal [adc counts]

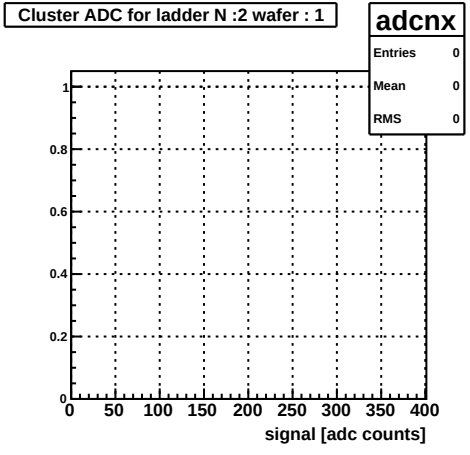

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 367
Mean 93.08
RMS 72.97
signal [adc counts]

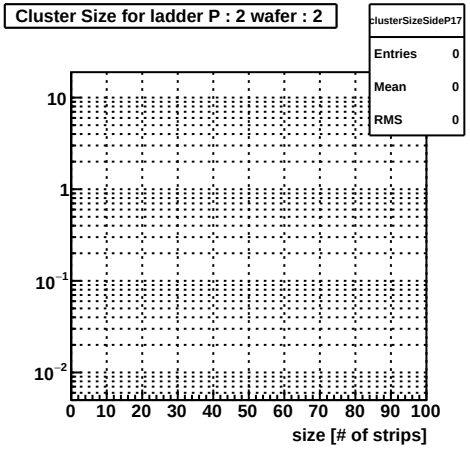

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

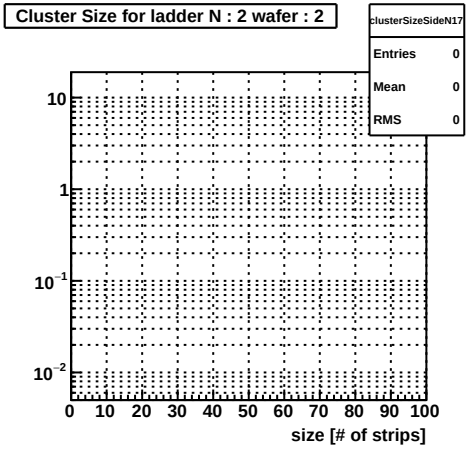

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

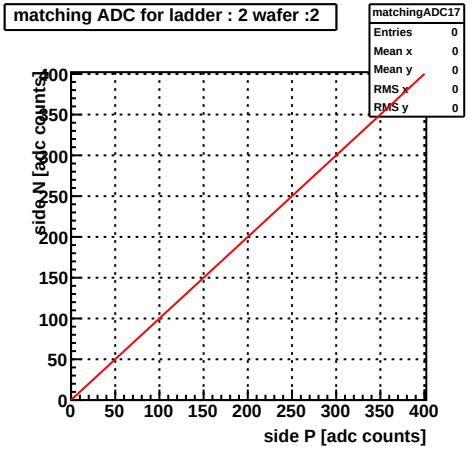

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

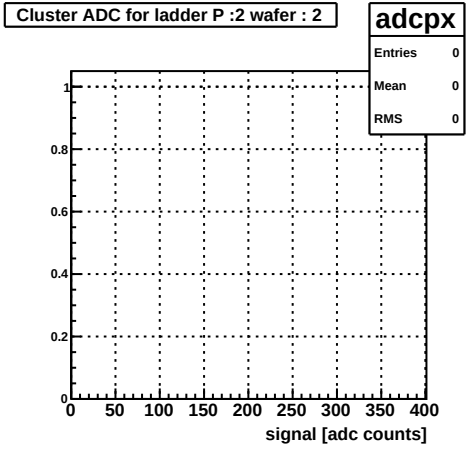

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

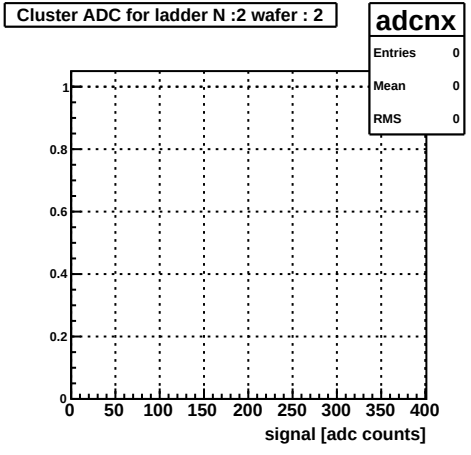

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

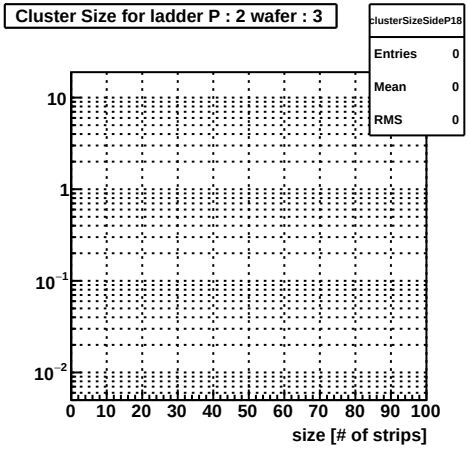

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

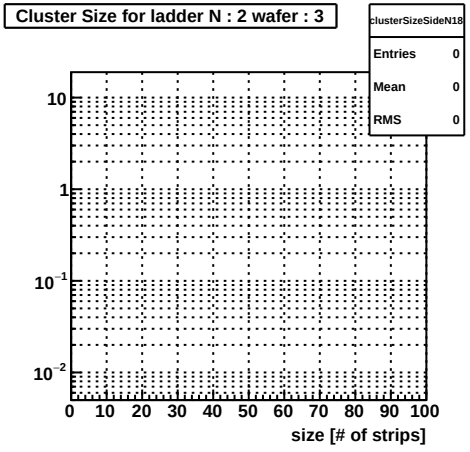

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

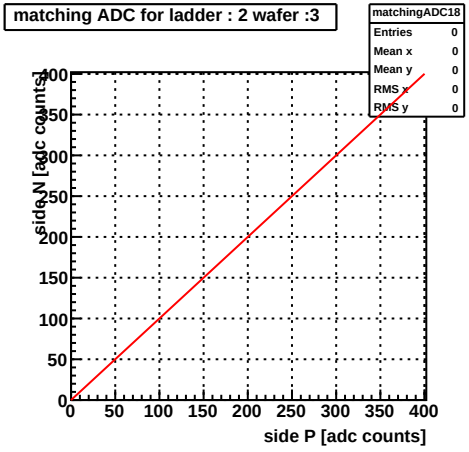

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

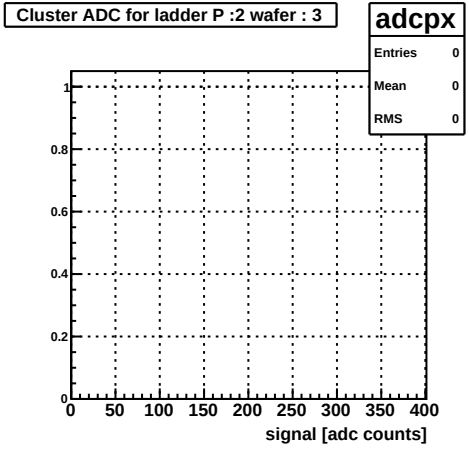

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

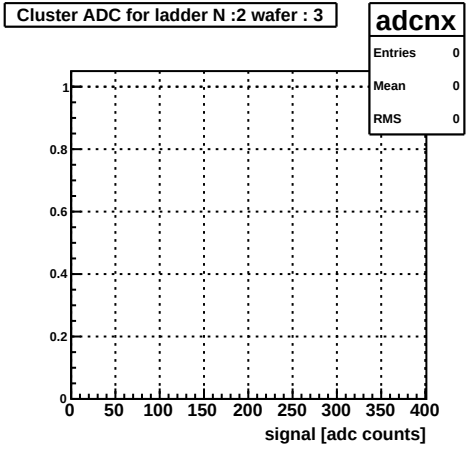

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

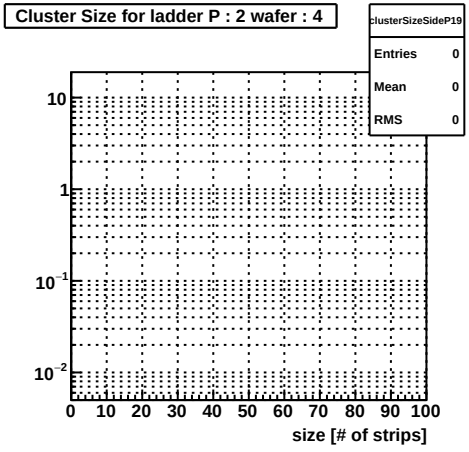

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

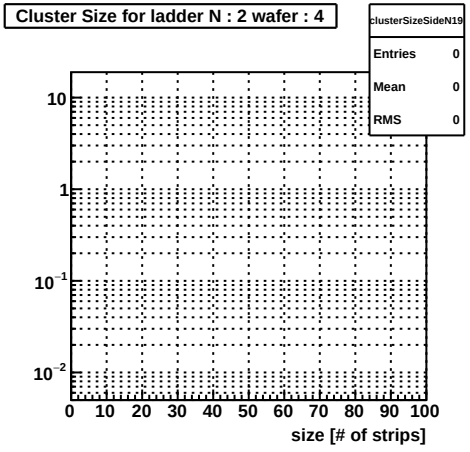

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

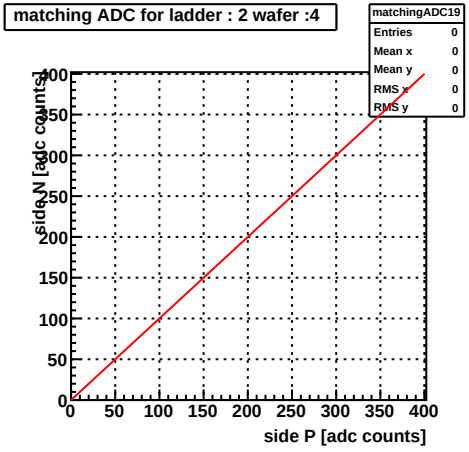

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

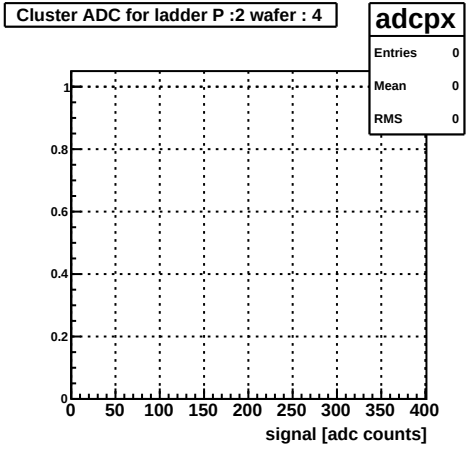

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

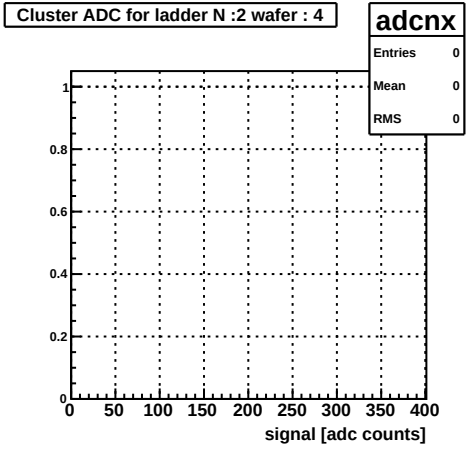

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

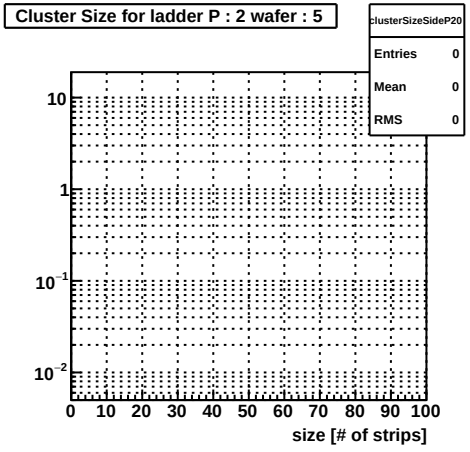

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

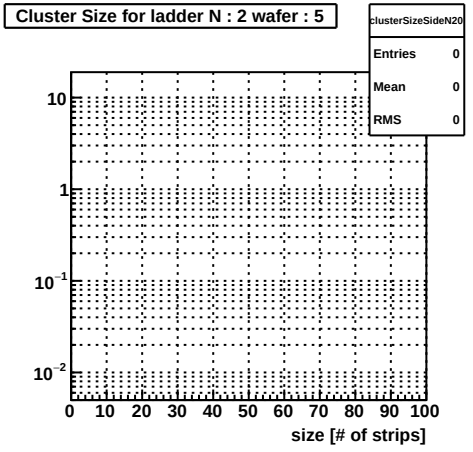

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

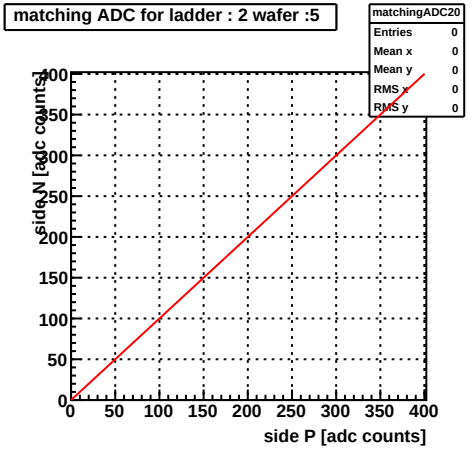

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

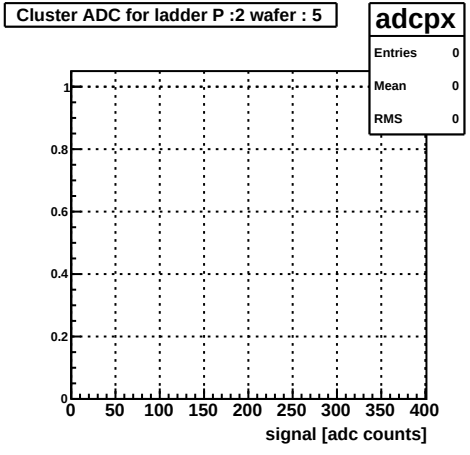

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

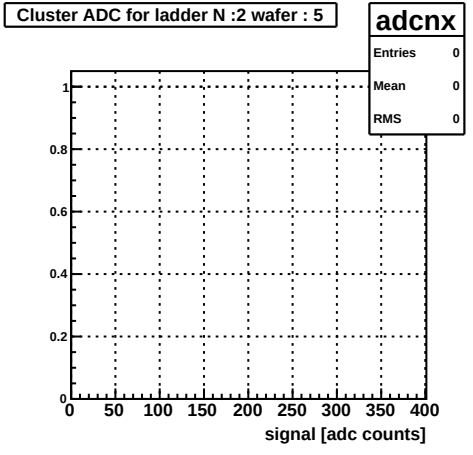

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

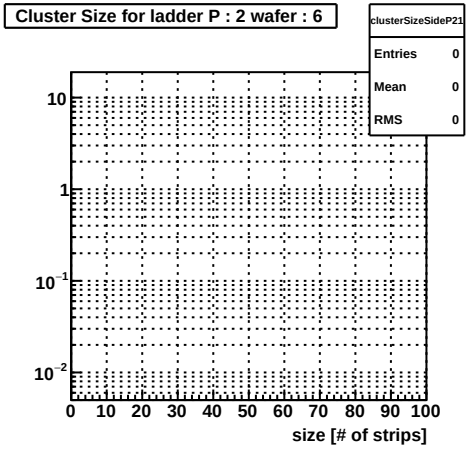

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

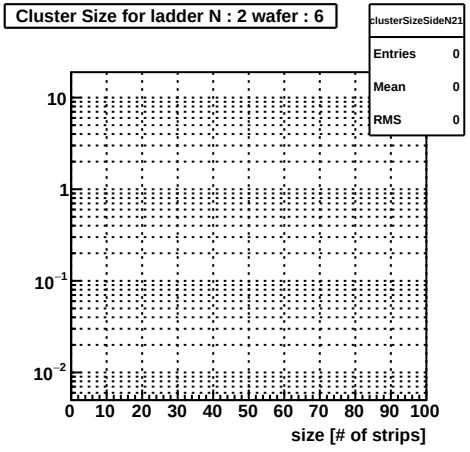

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

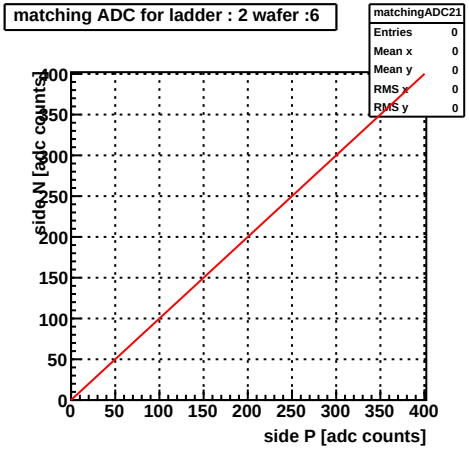

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

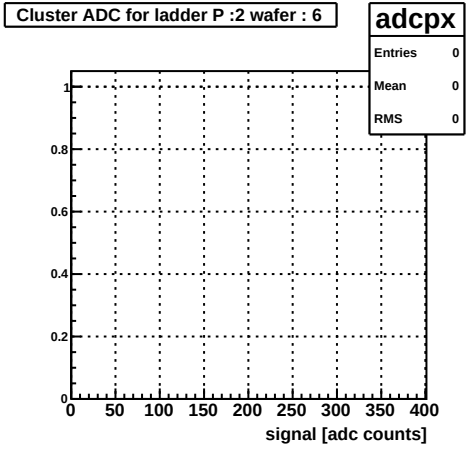

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

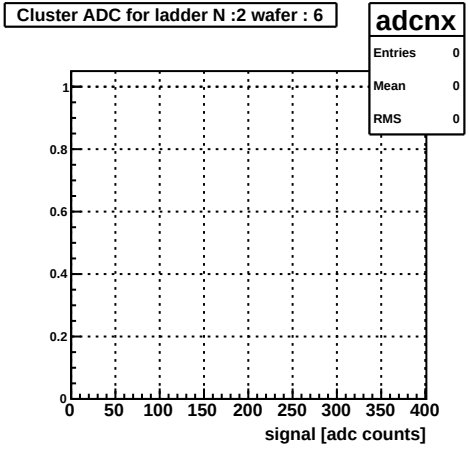

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

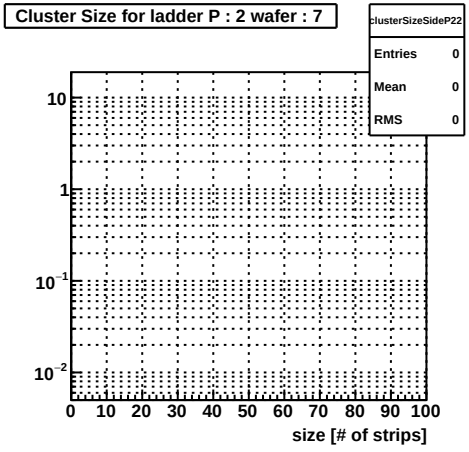

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

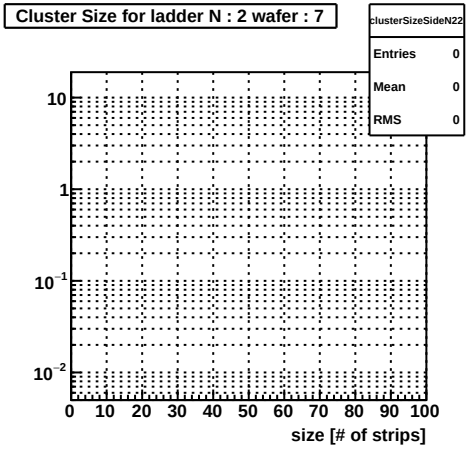

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

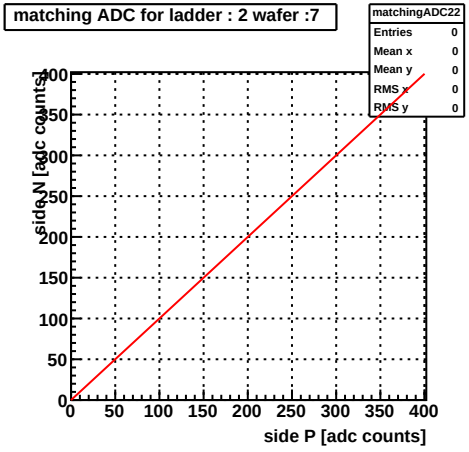

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

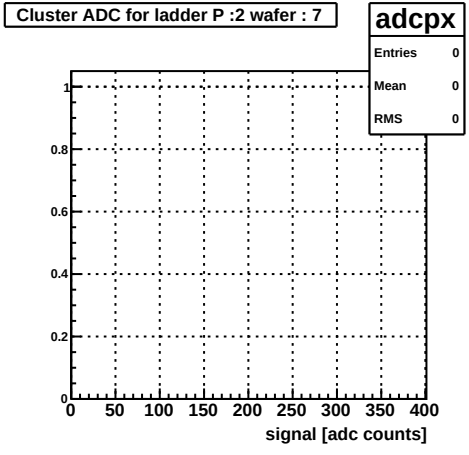

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

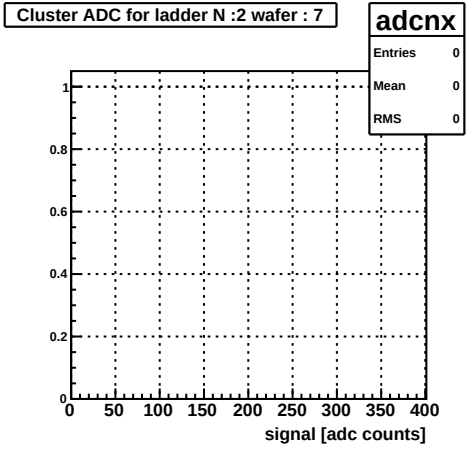

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

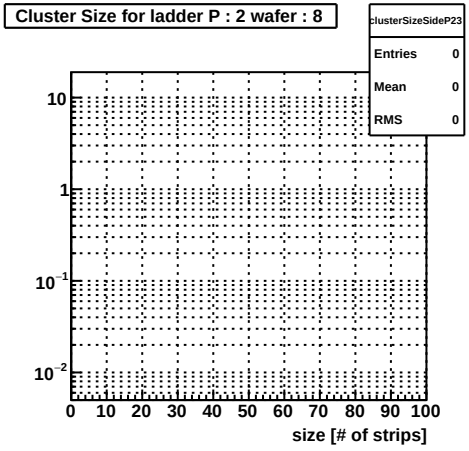

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

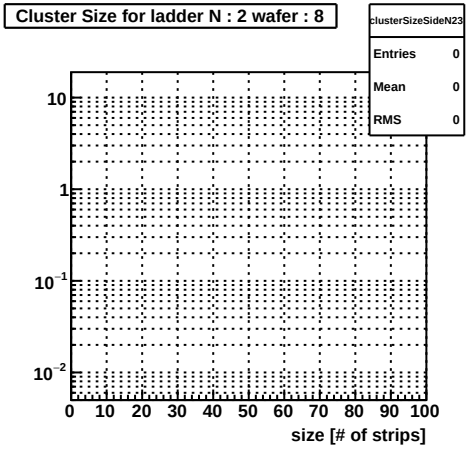

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

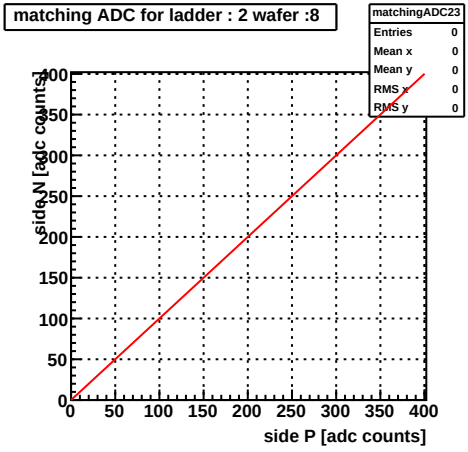

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

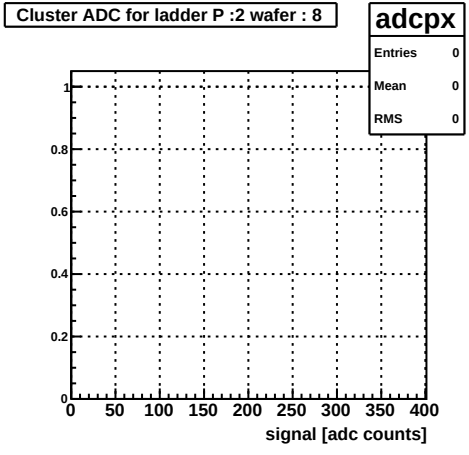

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

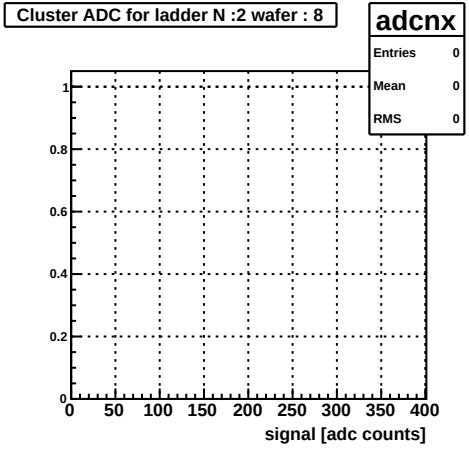

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

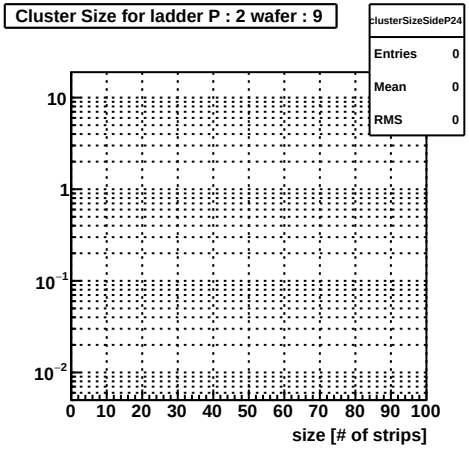

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

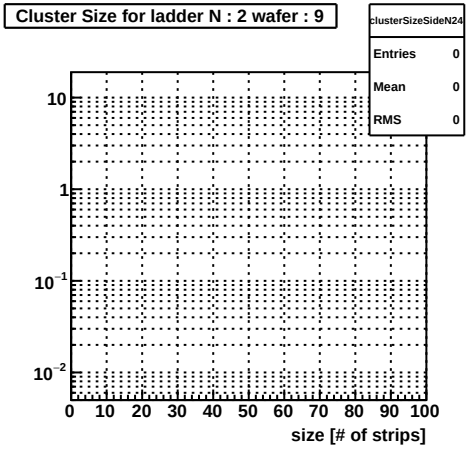

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

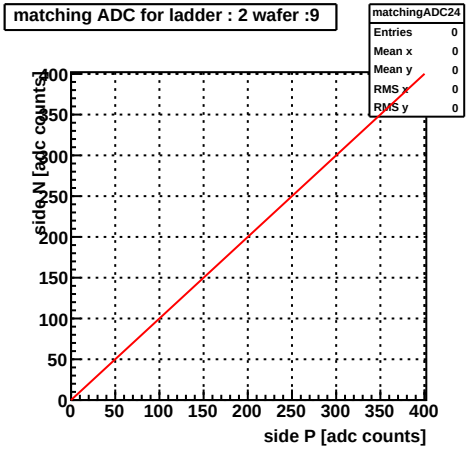

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

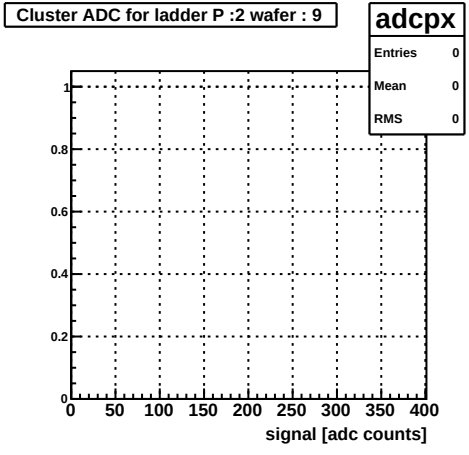

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

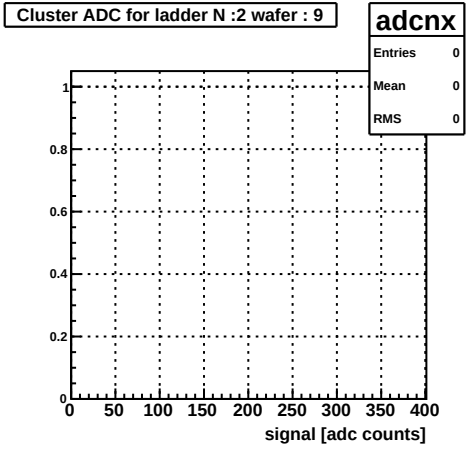

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

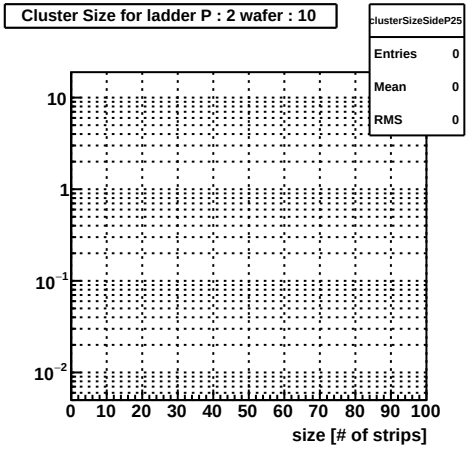

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

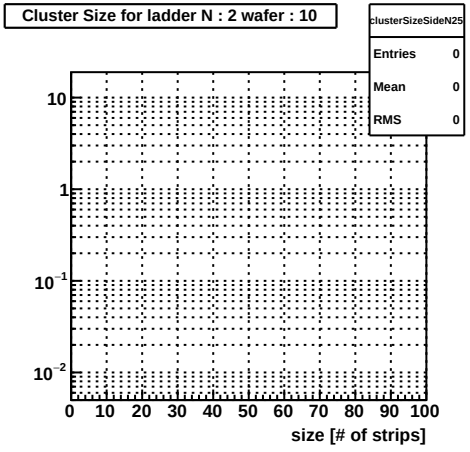

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

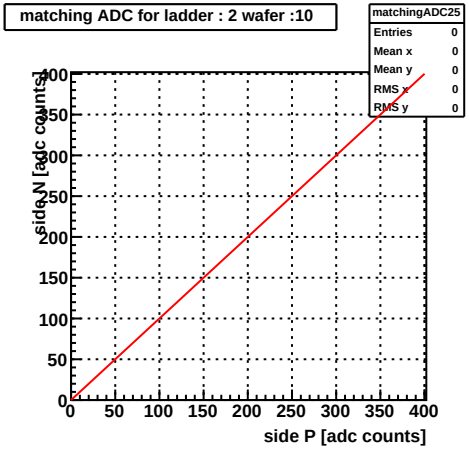

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

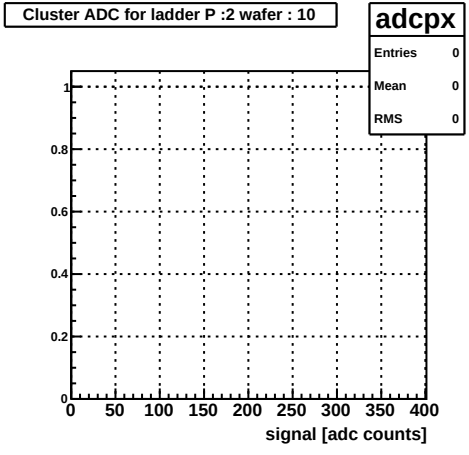

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

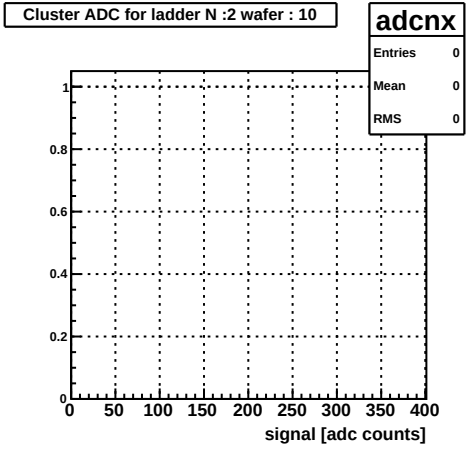

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

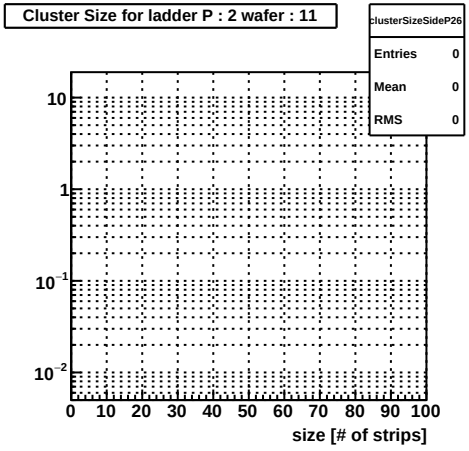

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

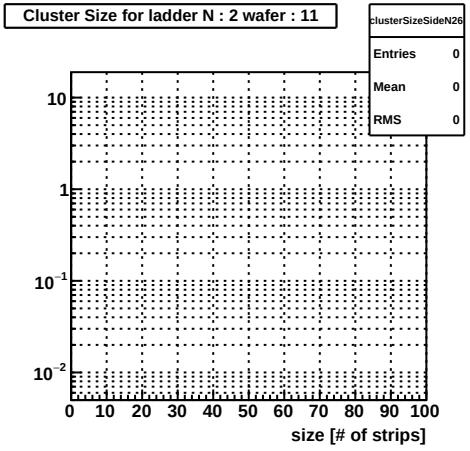

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

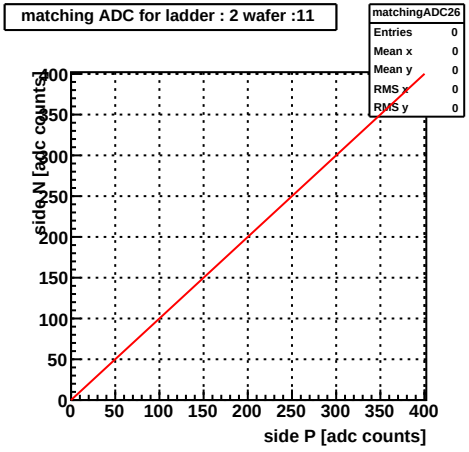

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

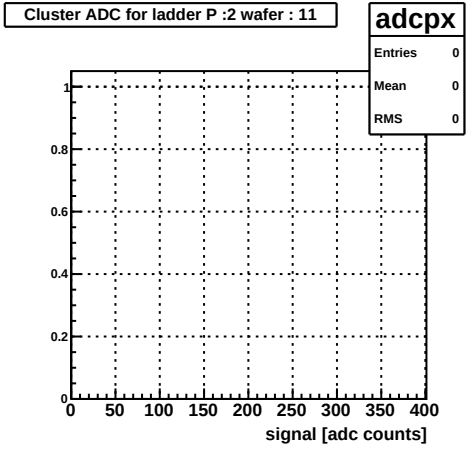

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

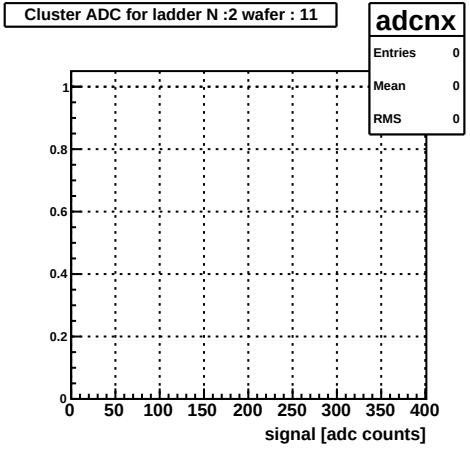

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

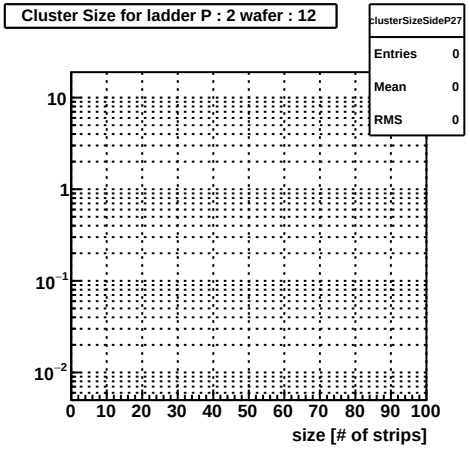

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

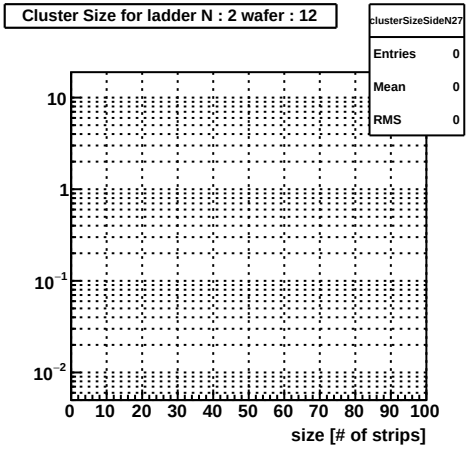

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

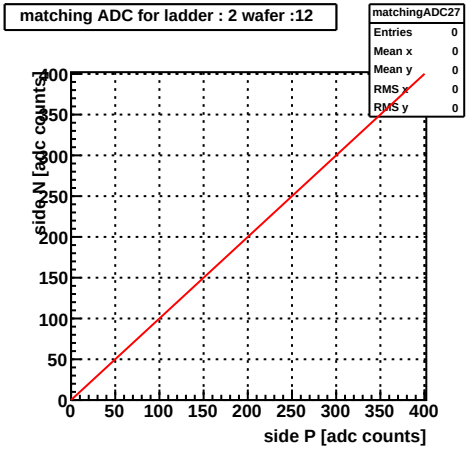

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

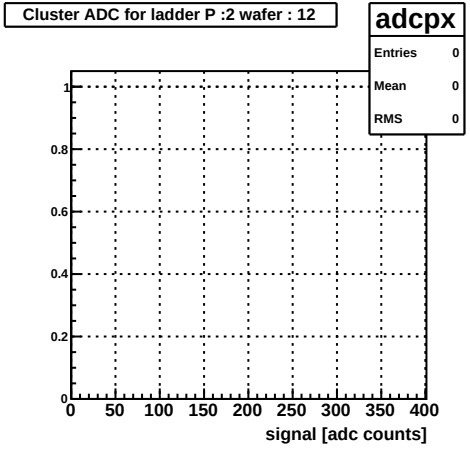

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

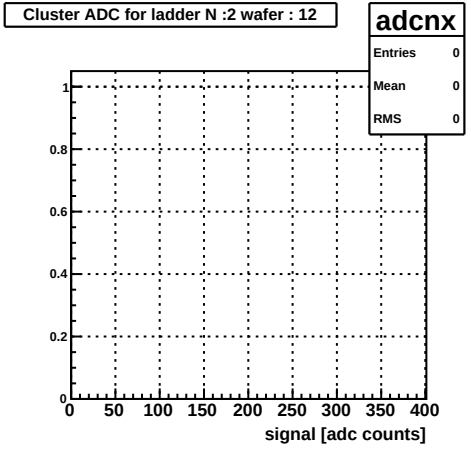

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

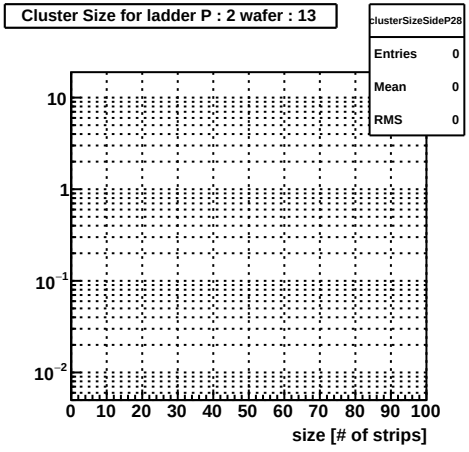

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

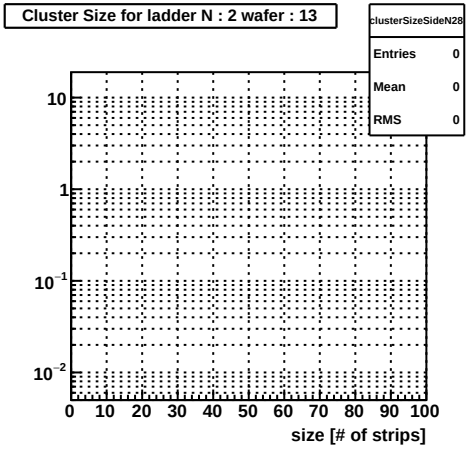

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

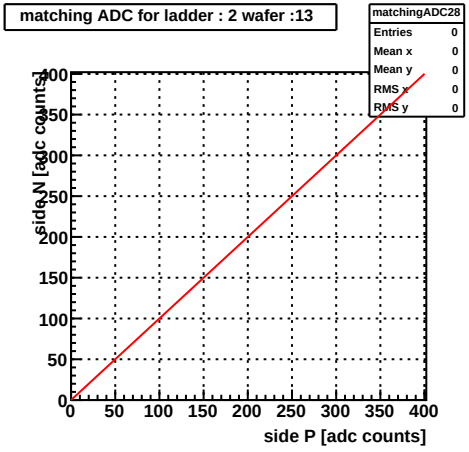

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

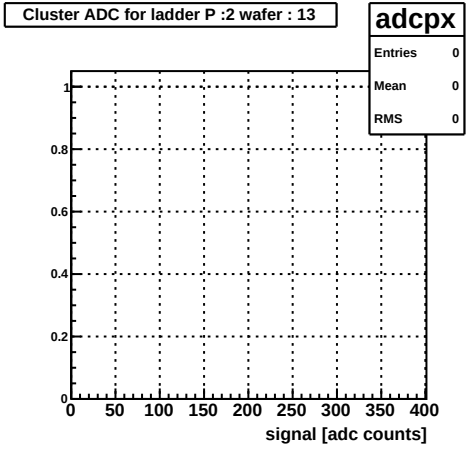

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

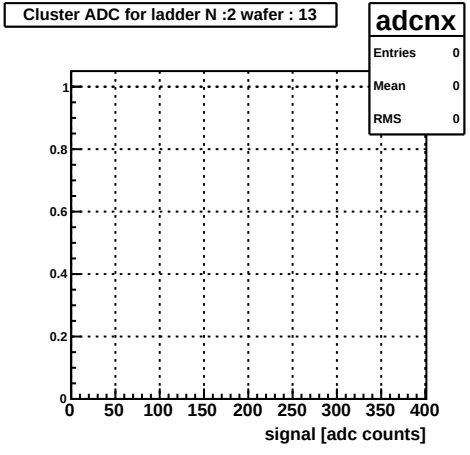

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

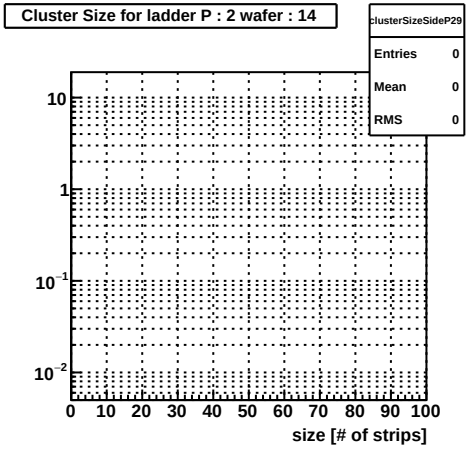

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

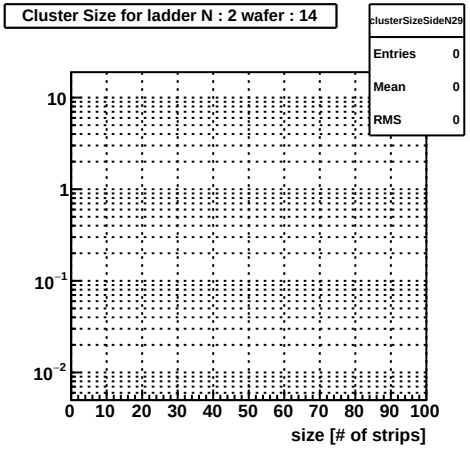

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

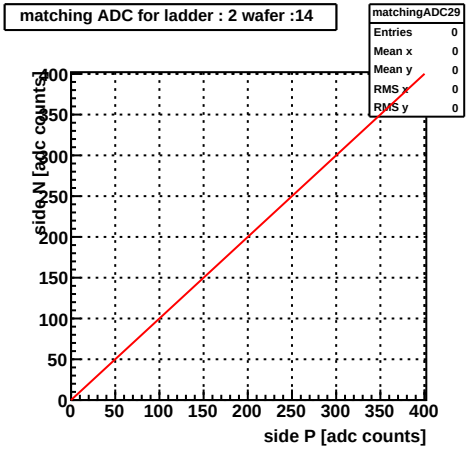

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

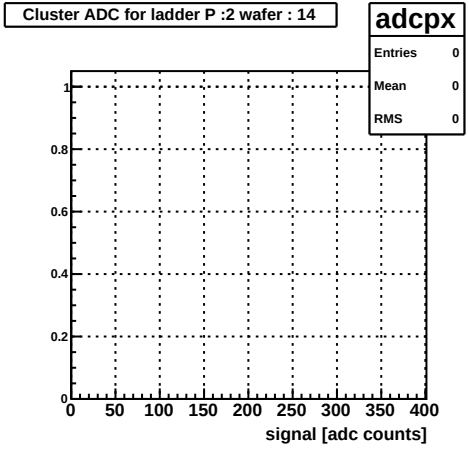

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

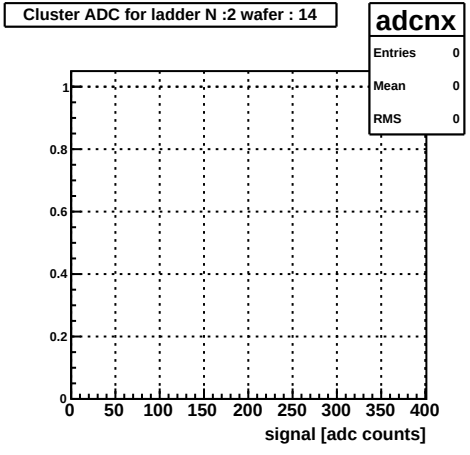

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

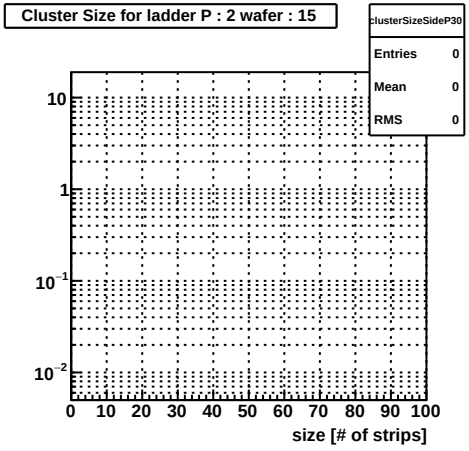

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

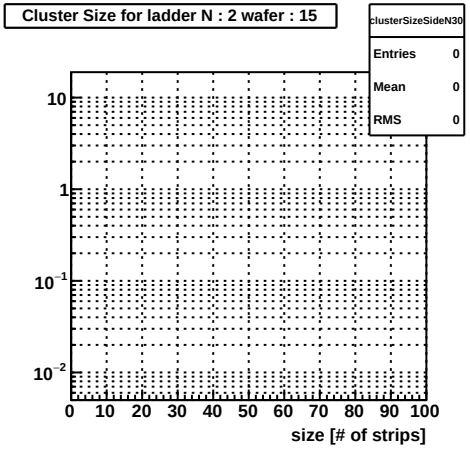

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

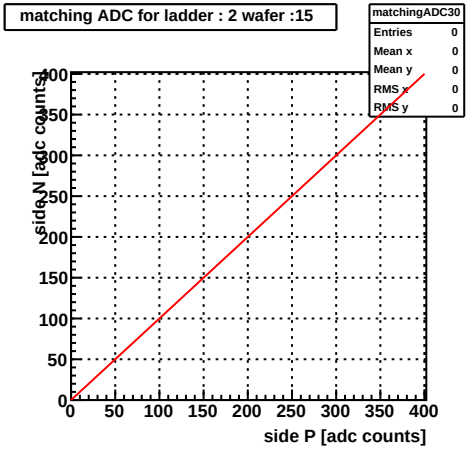

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

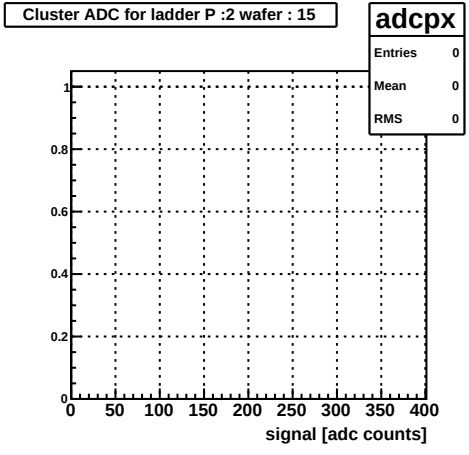

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

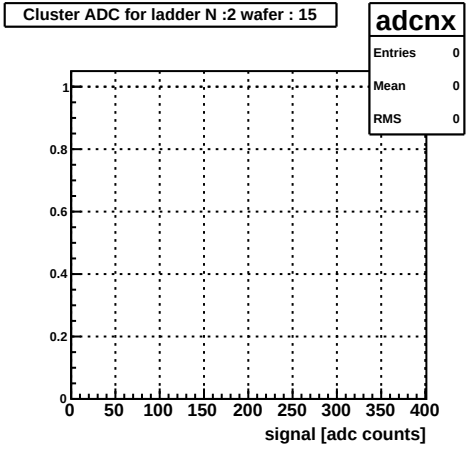

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

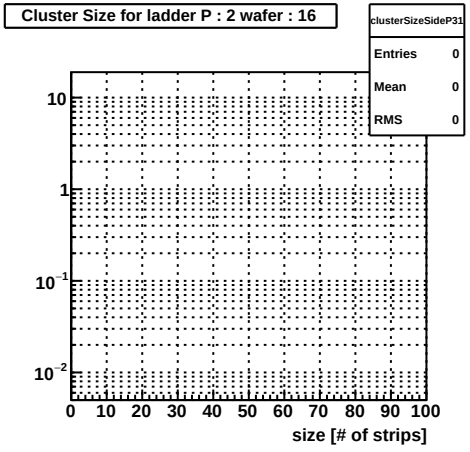

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

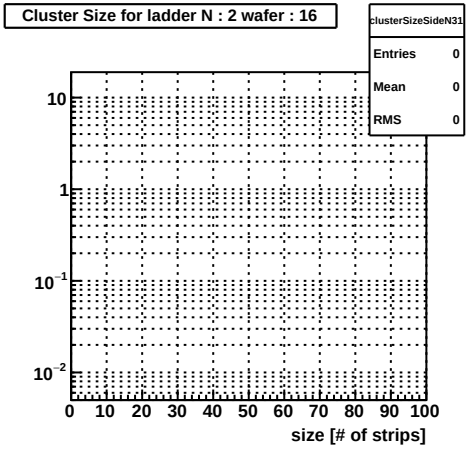

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

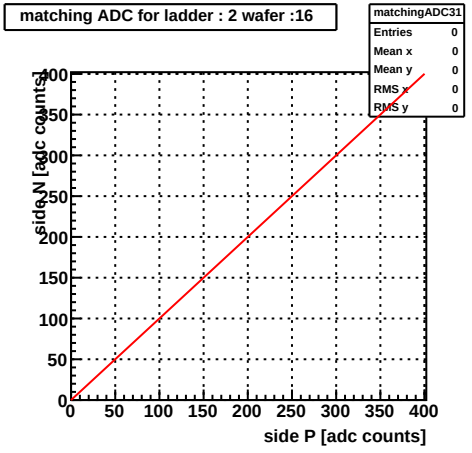

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

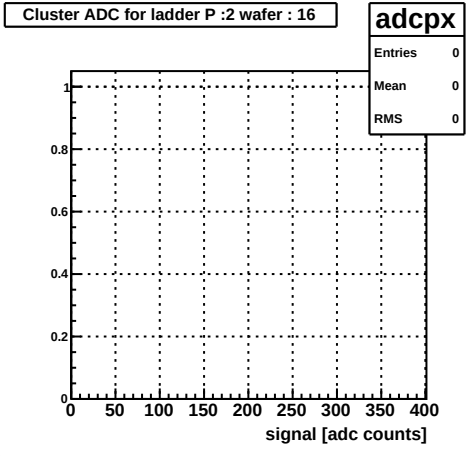

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

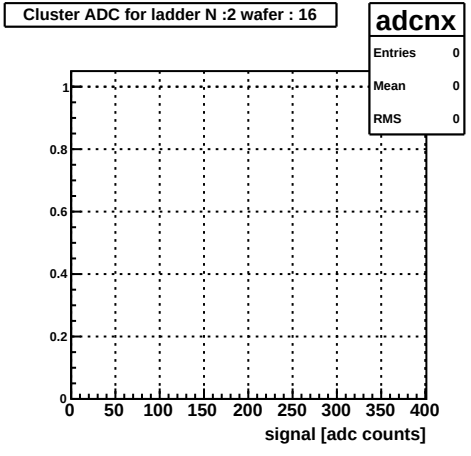

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

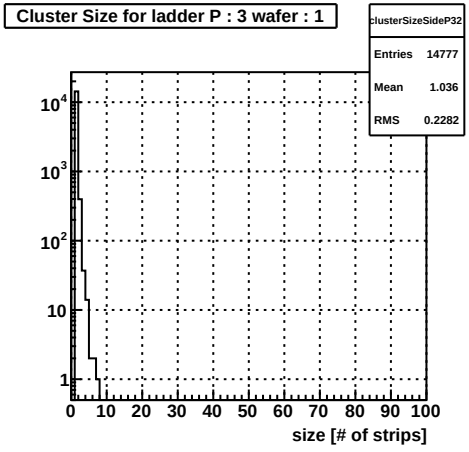

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

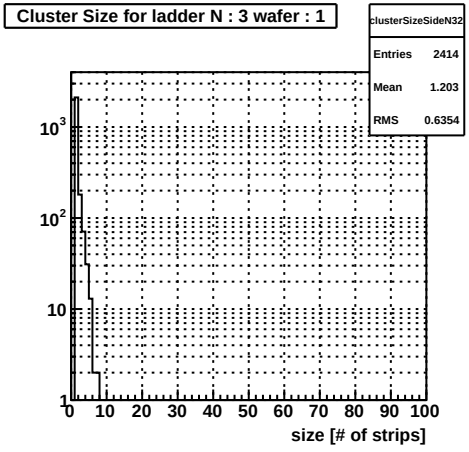

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

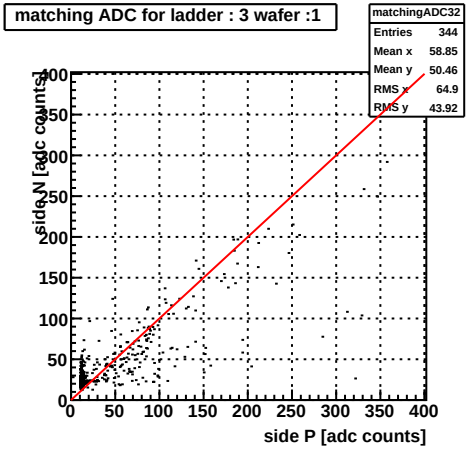

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

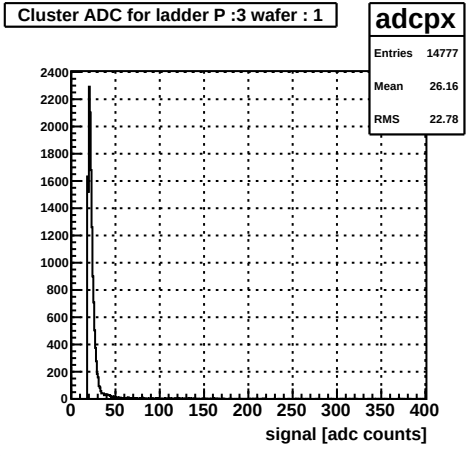

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

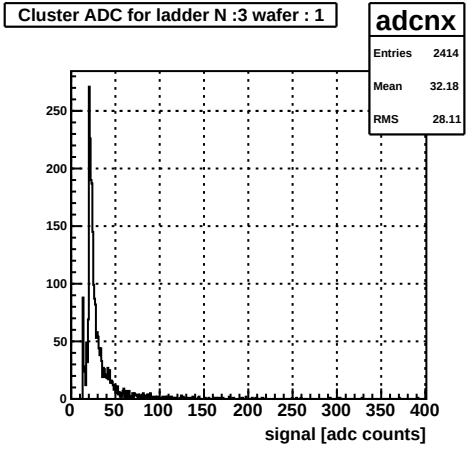

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

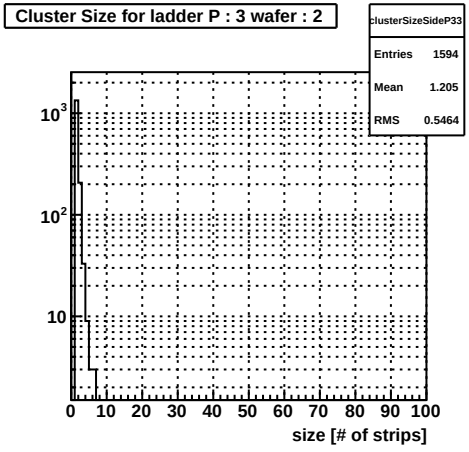

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14777
Mean 1.036
RMS 0.2282
size [# of strips]

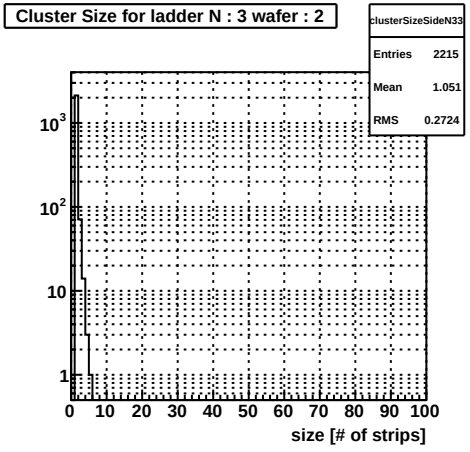

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2414
Mean 1.203
RMS 0.6354
size [# of strips]

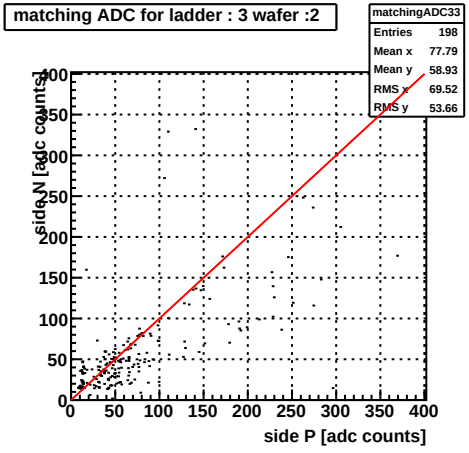

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 344
Mean x 58.85
Mean y 50.46
RMS x 64.9
RMS y 43.92
side N [adc counts]
side P [adc counts]

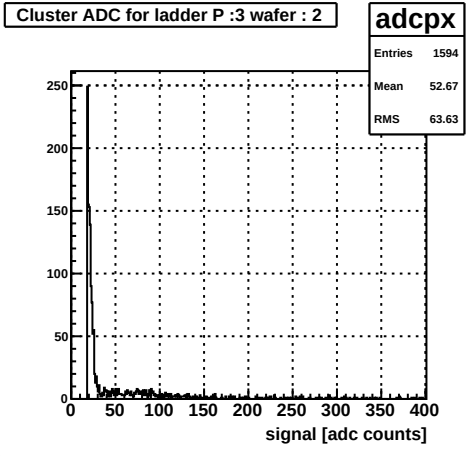

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14777
Mean 26.16
RMS 22.78
signal [adc counts]

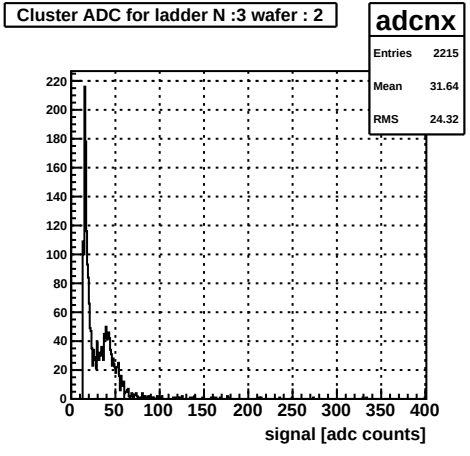

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2414
Mean 32.18
RMS 28.11
signal [adc counts]

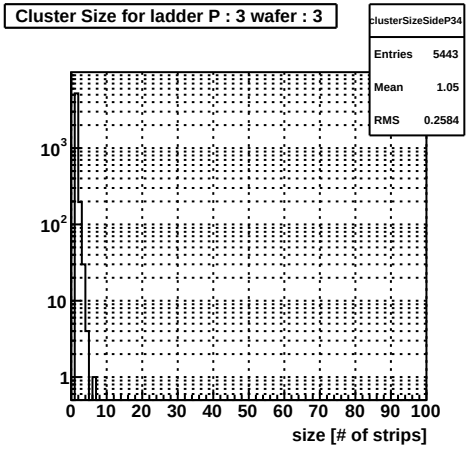

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1594
Mean 1.205
RMS 0.5464
size [# of strips]

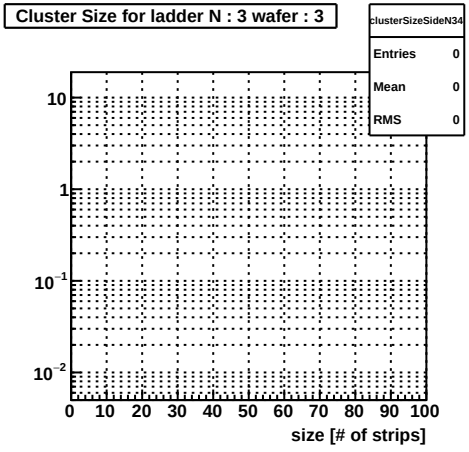

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2215
Mean 1.051
RMS 0.2724
size [# of strips]

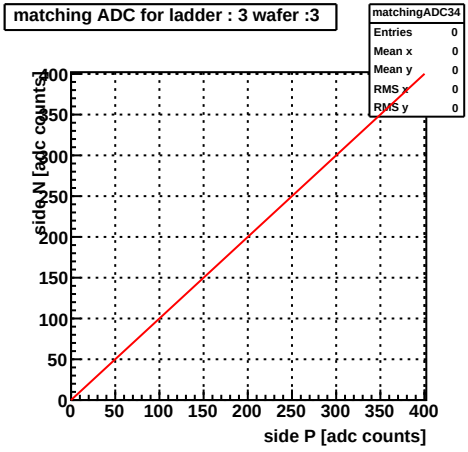

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 198
Mean x 77.79
Mean y 58.93
RMS x 69.52
RMS y 53.66
side N [adc counts]
side P [adc counts]

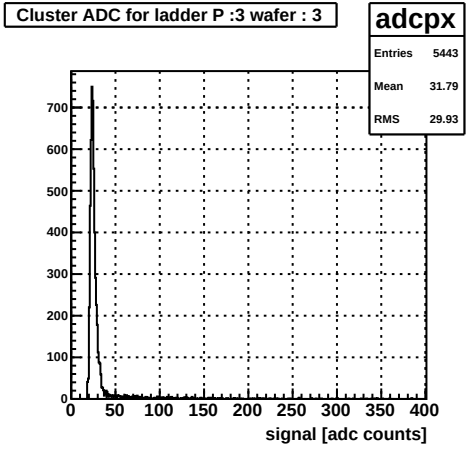

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1594
Mean 52.67
RMS 63.63
signal [adc counts]

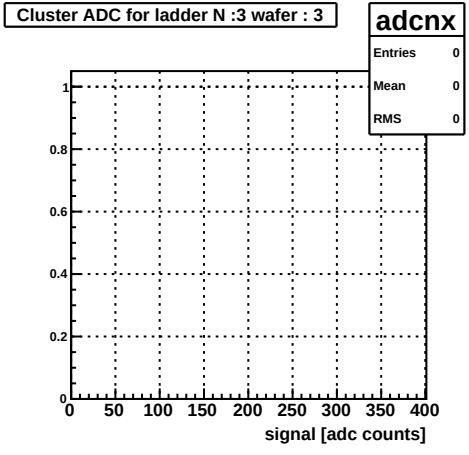

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2215
Mean 31.64
RMS 24.32
signal [adc counts]

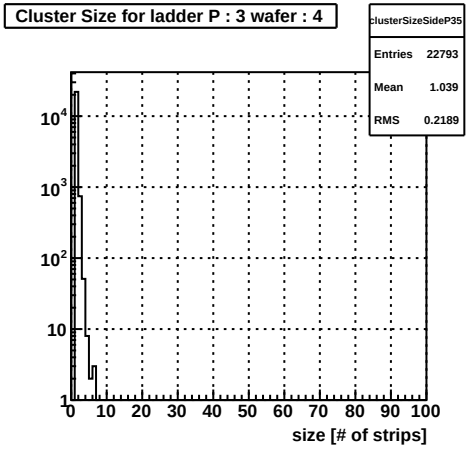

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 5443
Mean 1.05
RMS 0.2584
size [# of strips]

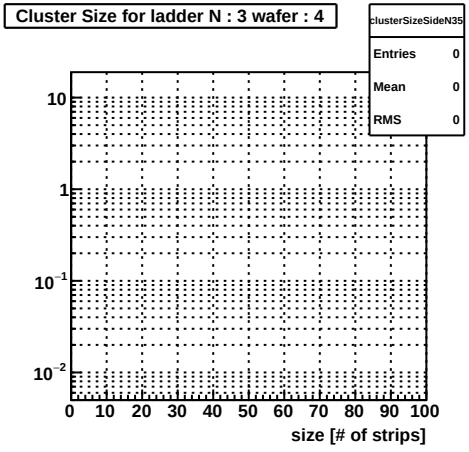

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

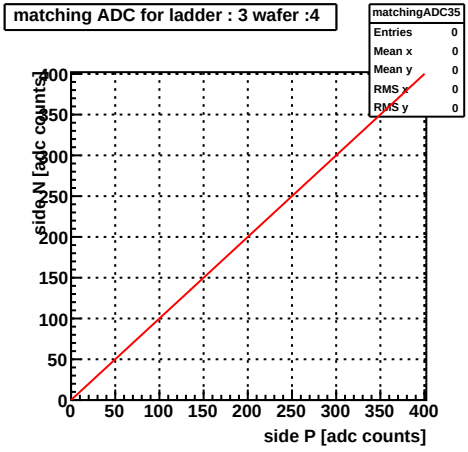

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

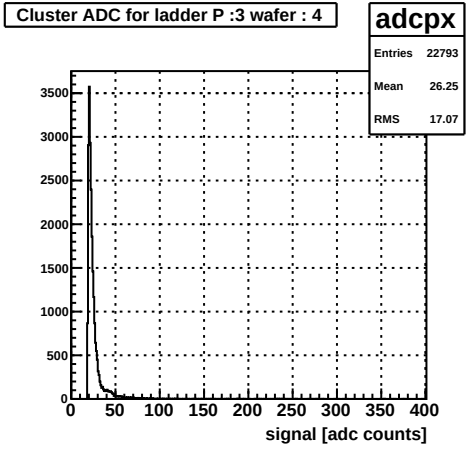

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 5443
Mean 31.79
RMS 29.93
signal [adc counts]

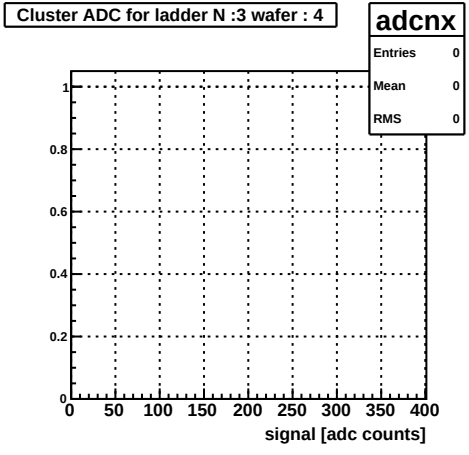

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

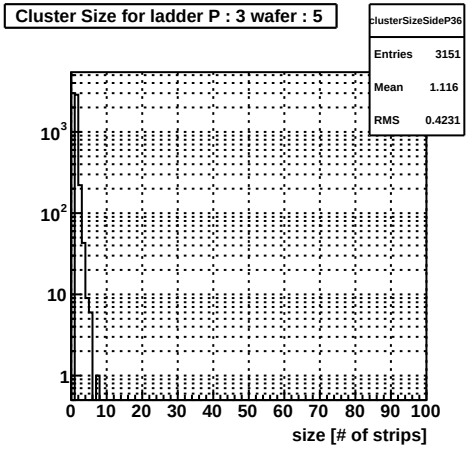

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 22793
Mean 1.039
RMS 0.2189
size [# of strips]

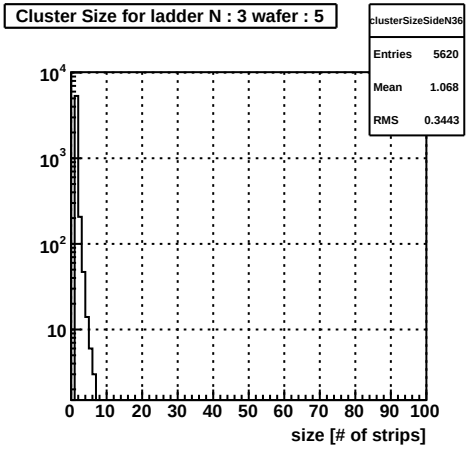

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

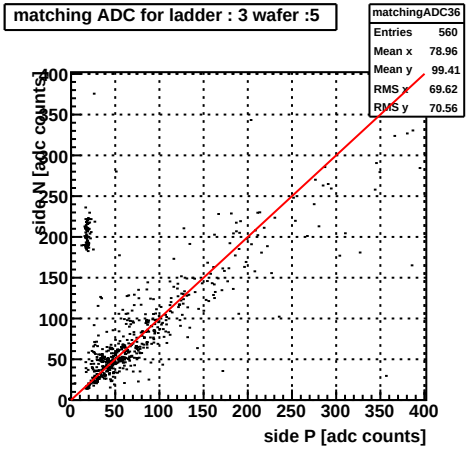

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

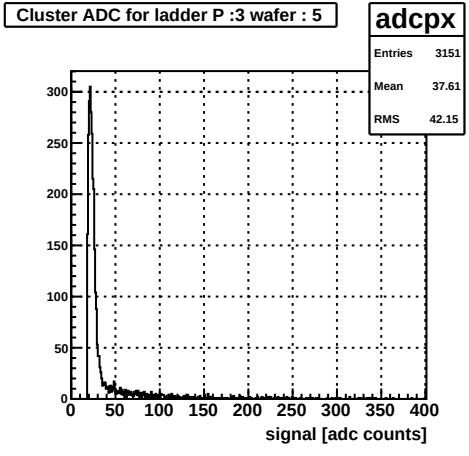

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 22793
Mean 26.25
RMS 17.07
signal [adc counts]

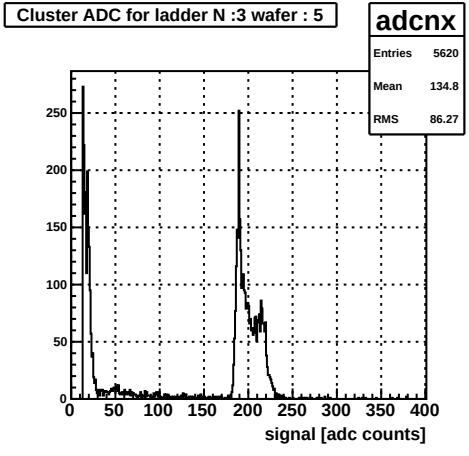

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

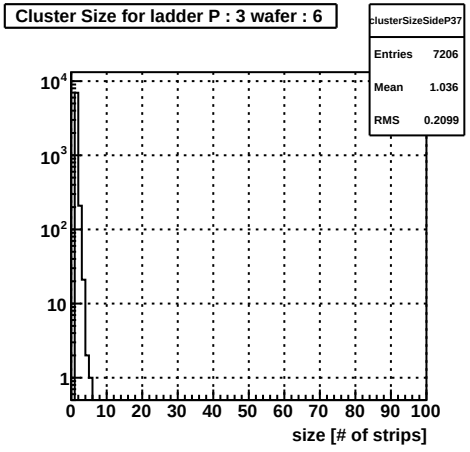

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3151
Mean 1.116
RMS 0.4231
size [# of strips]

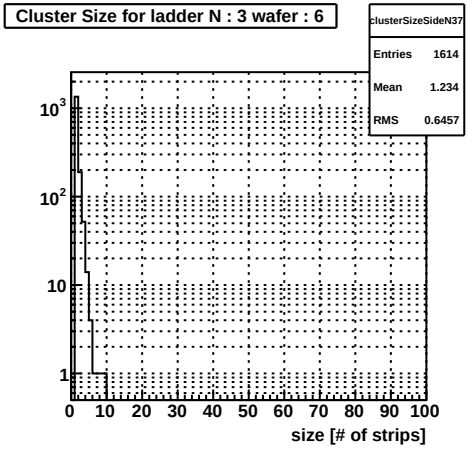

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 5620
Mean 1.068
RMS 0.3443
size [# of strips]

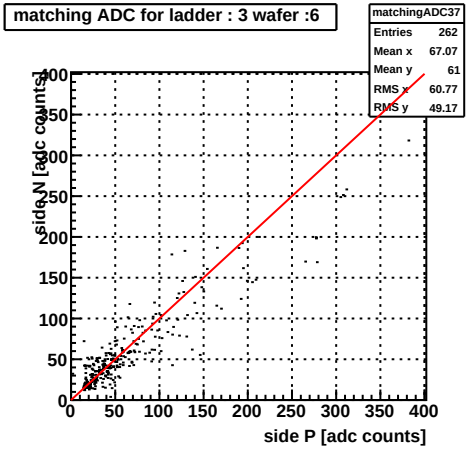

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 560
Mean x 78.96
Mean y 99.41
RMS x 69.62
RMS y 70.56
side N [adc counts]
side P [adc counts]

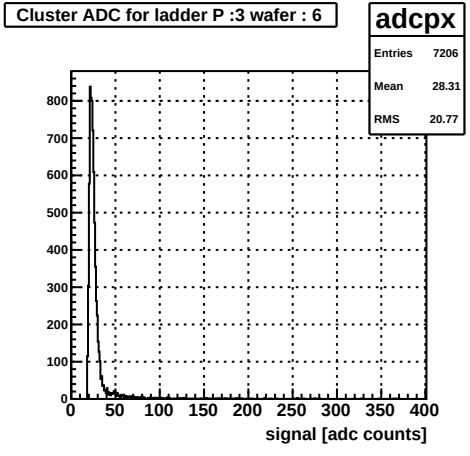

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3151
Mean 37.61
RMS 42.15
signal [adc counts]

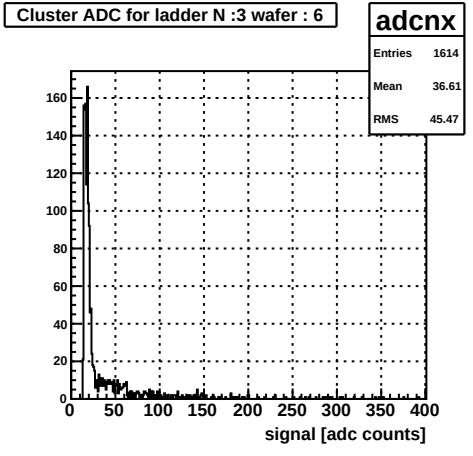

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 5620
Mean 134.8
RMS 86.27
signal [adc counts]

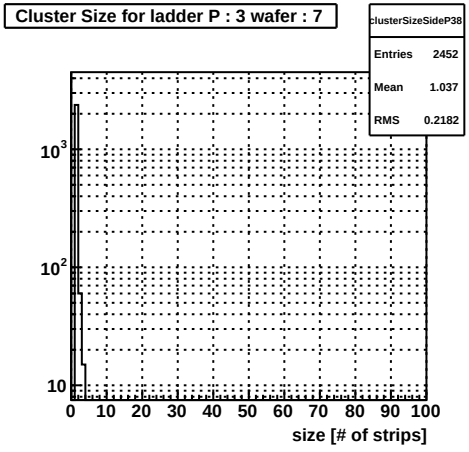

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7206
Mean 1.036
RMS 0.2099
size [# of strips]

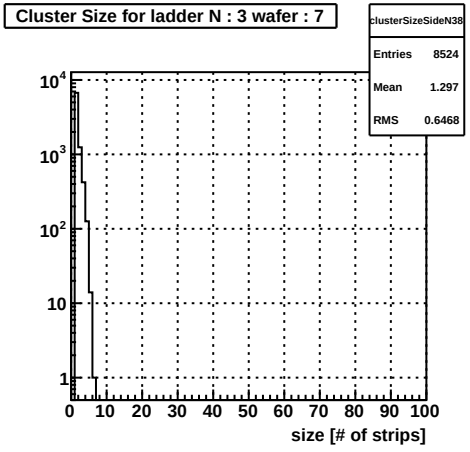

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1614
Mean 1.234
RMS 0.6457
size [# of strips]

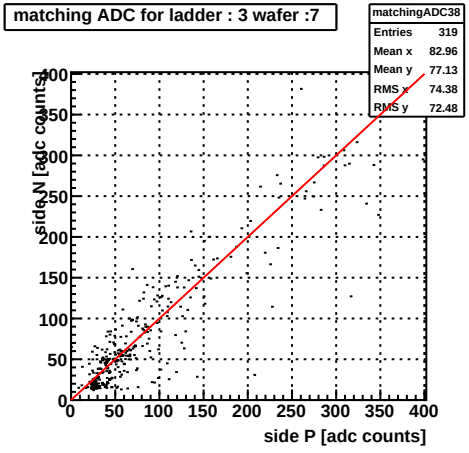

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 262
Mean x 67.07
Mean y 61
RMS x 60.77
RMS y 49.17
side N [adc counts]
side P [adc counts]

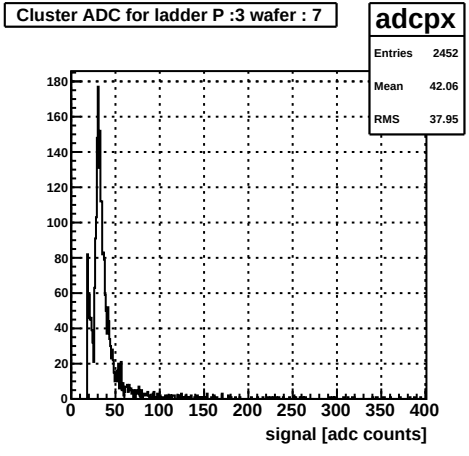

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7206
Mean 28.31
RMS 20.77
signal [adc counts]

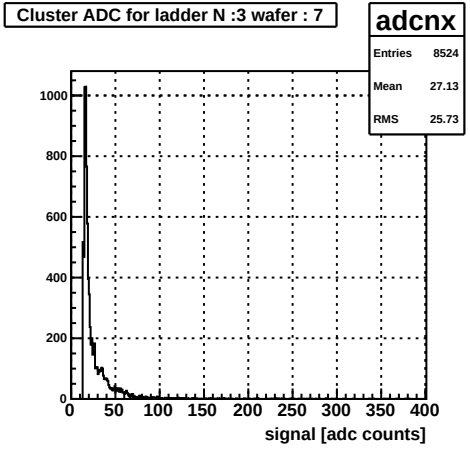

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1614
Mean 36.61
RMS 45.47
signal [adc counts]

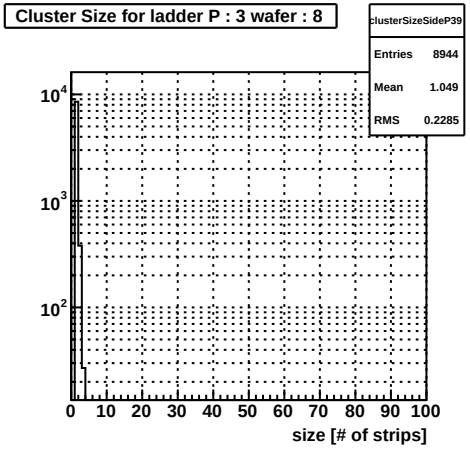

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2452
Mean 1.037
RMS 0.2182
size [# of strips]

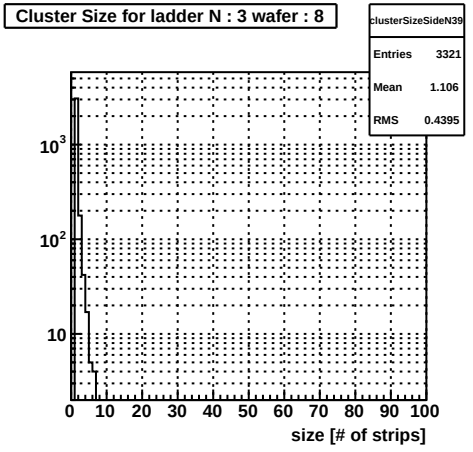

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 8524
Mean 1.297
RMS 0.6468
size [# of strips]

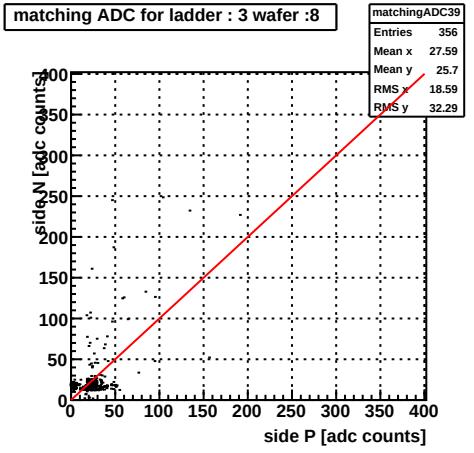

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 319
Mean x 82.96
Mean y 77.13
RMS x 74.38
RMS y 72.48
side N [adc counts]
side P [adc counts]

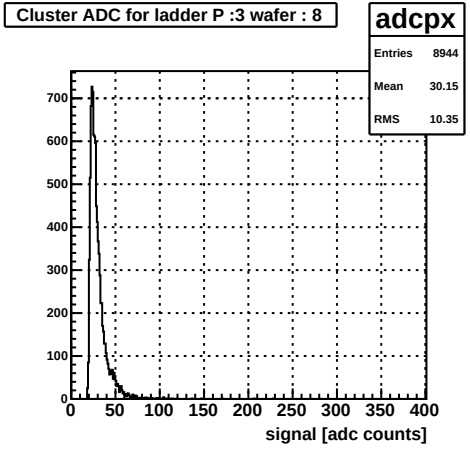

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2452
Mean 42.06
RMS 37.95
signal [adc counts]

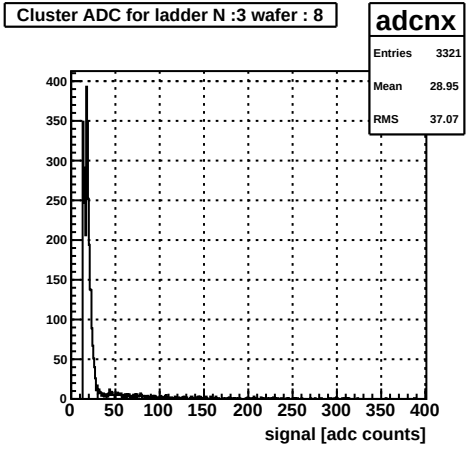

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 8524
Mean 27.13
RMS 25.73
signal [adc counts]

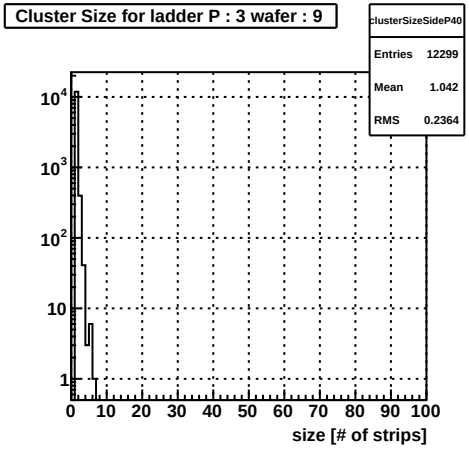

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 8944
Mean 1.049
RMS 0.2285
size [# of strips]

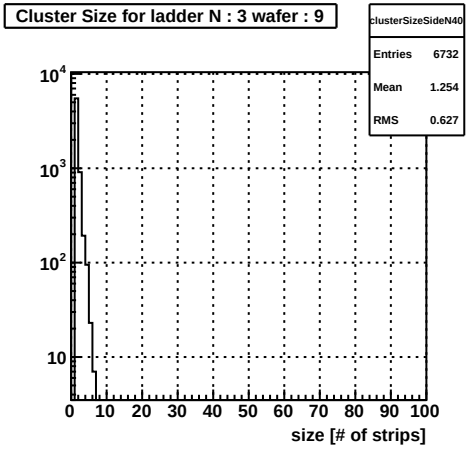

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3321
Mean 1.106
RMS 0.4395
size [# of strips]

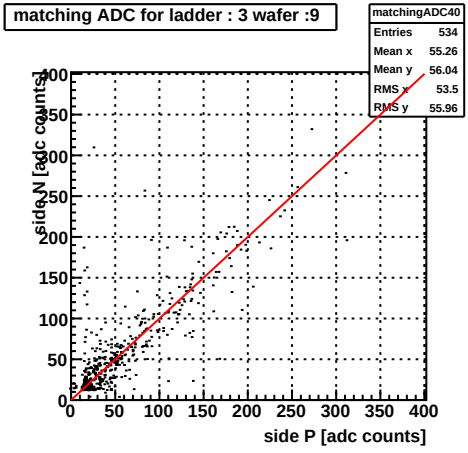

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 356
Mean x 27.59
Mean y 25.7
RMS x 18.59
RMS y 32.29
side N [adc counts]
side P [adc counts]

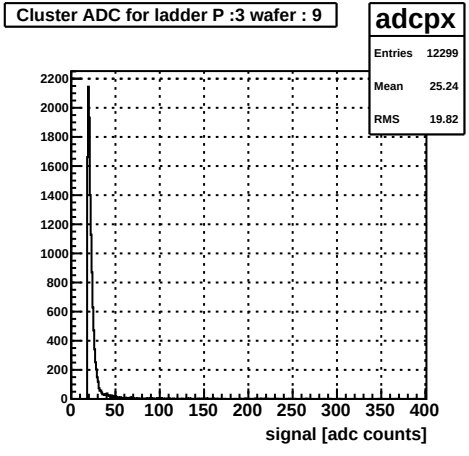

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 8944
Mean 30.15
RMS 10.35
signal [adc counts]

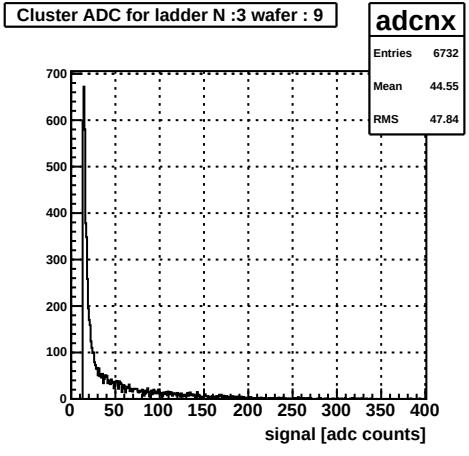

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3321
Mean 28.95
RMS 37.07
signal [adc counts]

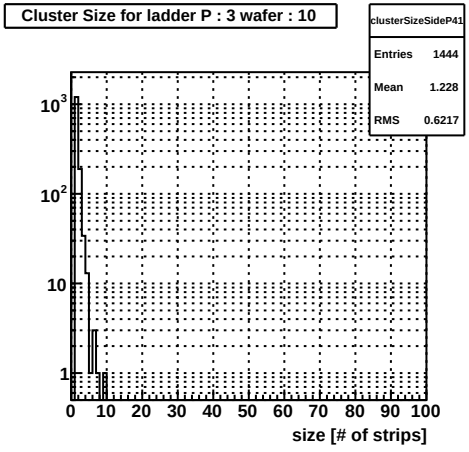

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 12299
Mean 1.042
RMS 0.2364
size [# of strips]

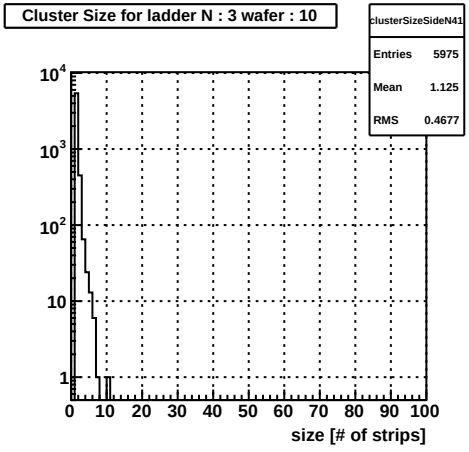

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6732
Mean 1.254
RMS 0.627
size [# of strips]

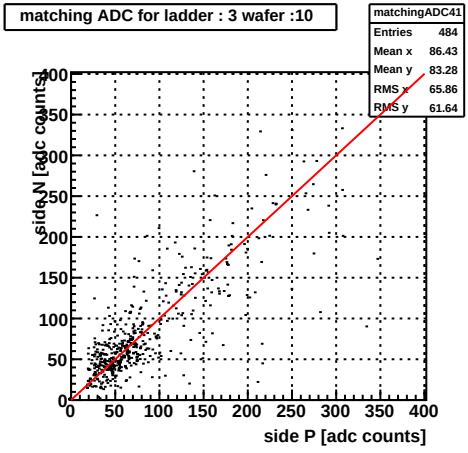

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 534
Mean x 55.26
Mean y 56.04
RMS x 53.5
RMS y 55.96
side N [adc counts]
side P [adc counts]

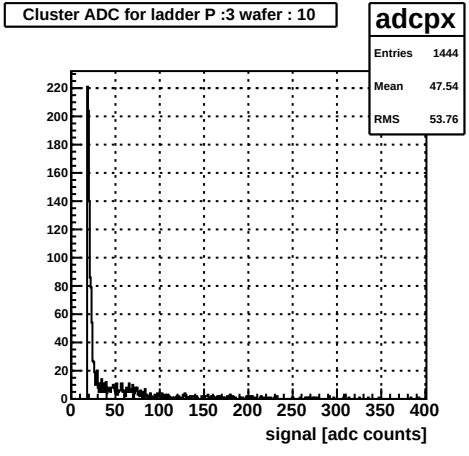

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 12299
Mean 25.24
RMS 19.82
signal [adc counts]

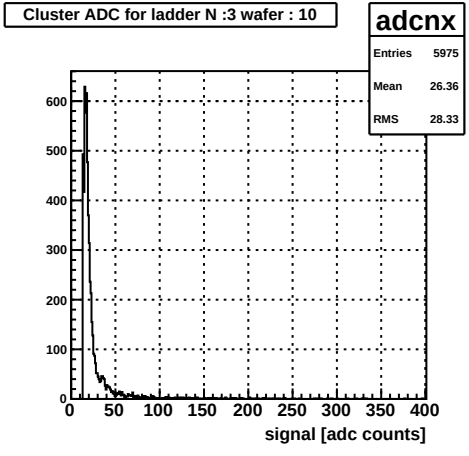

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6732
Mean 44.55
RMS 47.84
signal [adc counts]

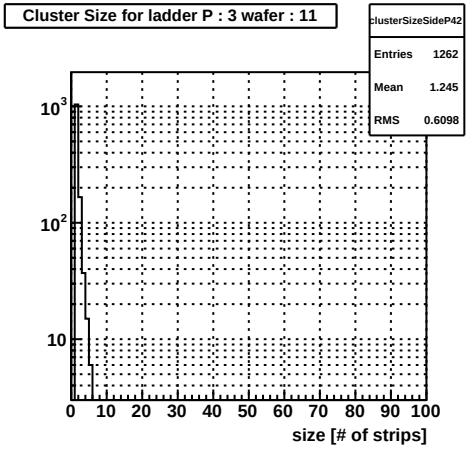

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1444
Mean 1.228
RMS 0.6217
size [# of strips]

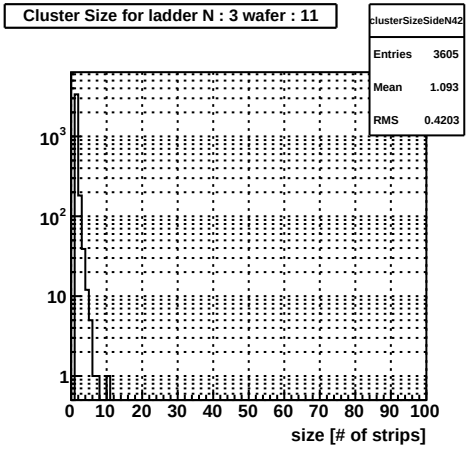

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5975
Mean 1.125
RMS 0.4677
size [# of strips]

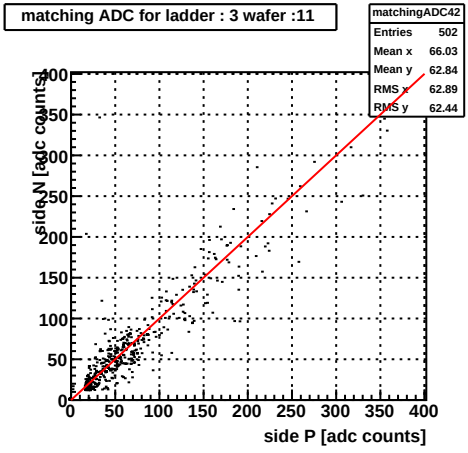

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 484
Mean x 86.43
Mean y 83.28
RMS x 65.86
RMS y 61.64
side N [adc counts]
side P [adc counts]

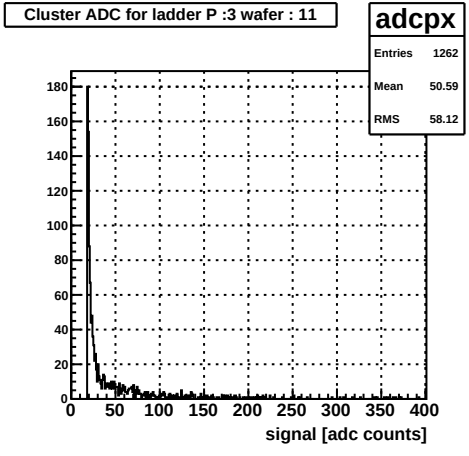

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1444
Mean 47.54
RMS 53.76
signal [adc counts]

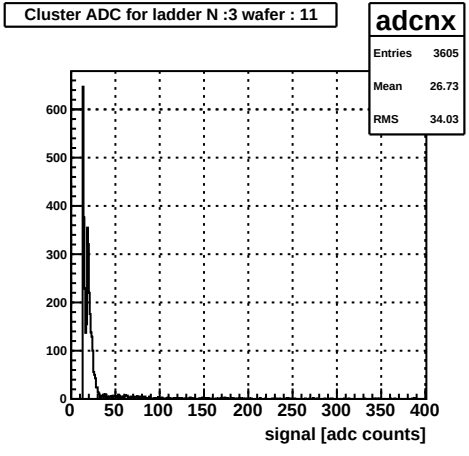

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5975
Mean 26.36
RMS 28.33
signal [adc counts]

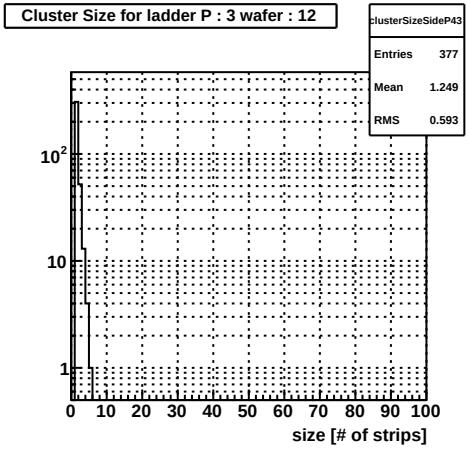

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1262
Mean 1.245
RMS 0.6098
size [# of strips]

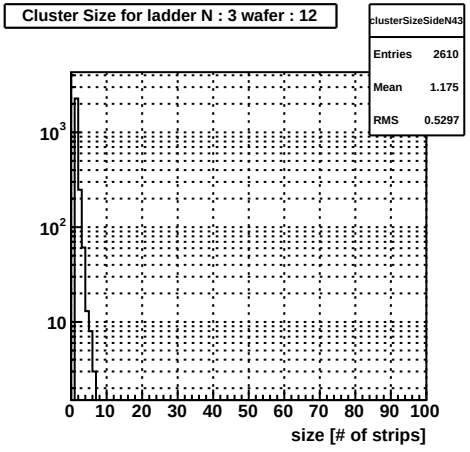

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3605
Mean 1.093
RMS 0.4203
size [# of strips]

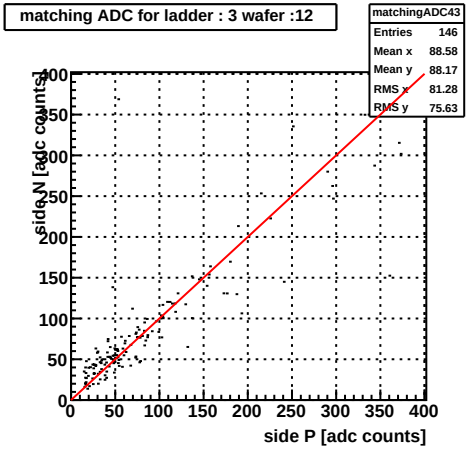

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 502
Mean x 66.03
Mean y 62.84
RMS x 62.89
RMS y 62.44
side N [adc counts]
side P [adc counts]

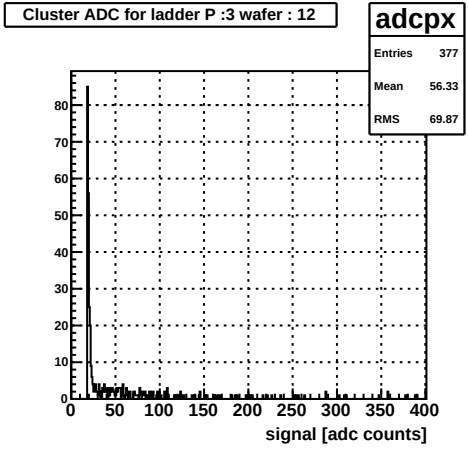

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1262
Mean 50.59
RMS 58.12
signal [adc counts]

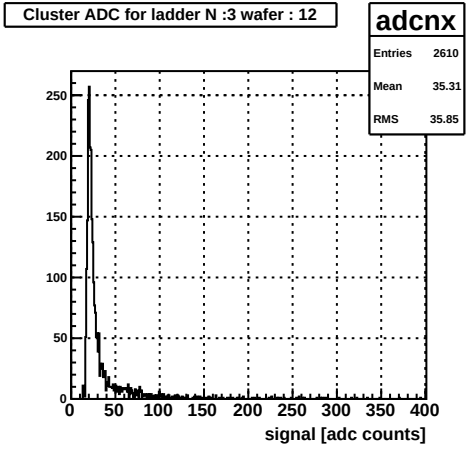

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3605
Mean 26.73
RMS 34.03
signal [adc counts]

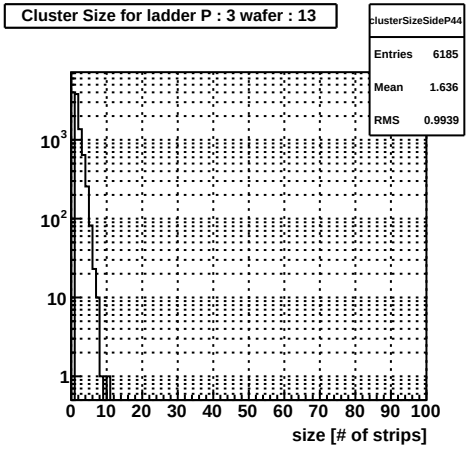

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 377
Mean 1.249
RMS 0.593
size [# of strips]

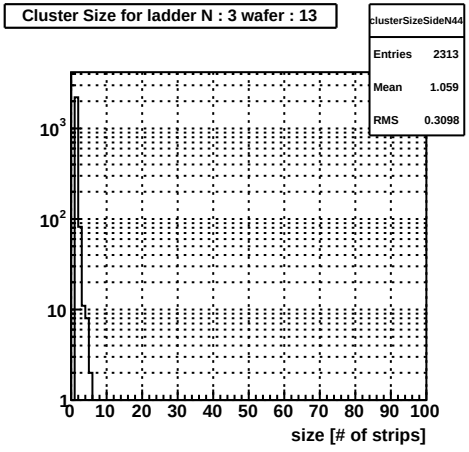

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2610
Mean 1.175
RMS 0.5297
size [# of strips]

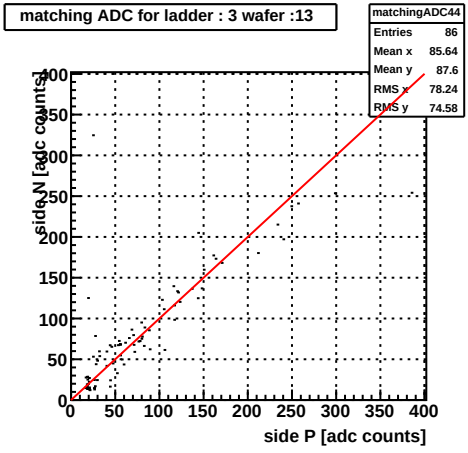

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 146
Mean x 88.58
Mean y 88.17
RMS x 81.28
RMS y 75.63
side N [adc counts]
side P [adc counts]

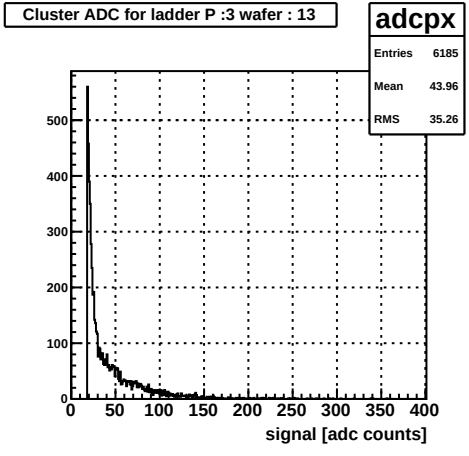

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 377
Mean 56.33
RMS 69.87
signal [adc counts]

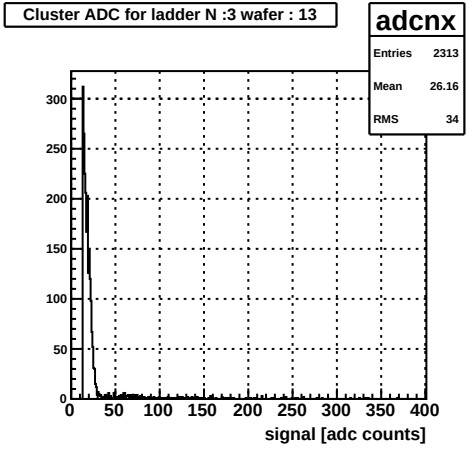

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2610
Mean 35.31
RMS 35.85
signal [adc counts]

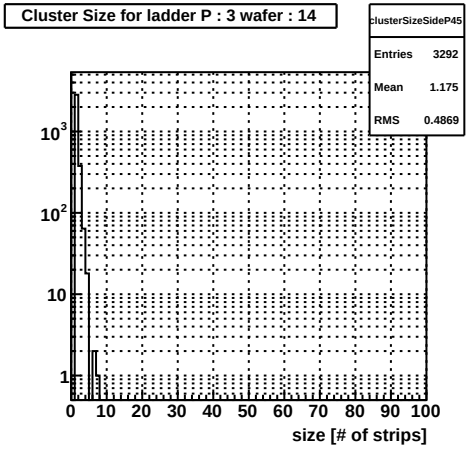

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 6185
Mean 1.636
RMS 0.9939
size [# of strips]

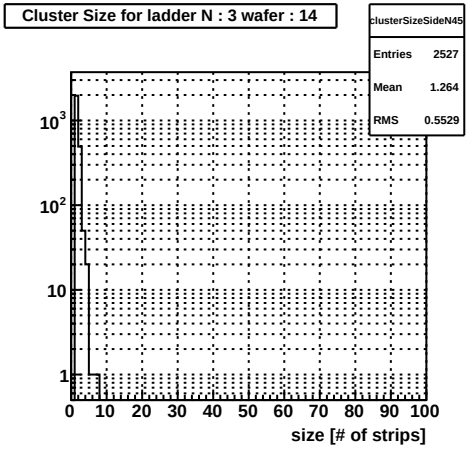

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2313
Mean 1.059
RMS 0.3098
size [# of strips]

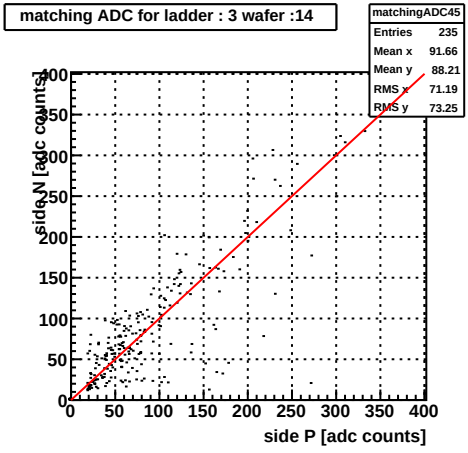

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 86
Mean x 85.64
Mean y 87.6
RMS x 78.24
RMS y 74.58
side N [adc counts]
side P [adc counts]

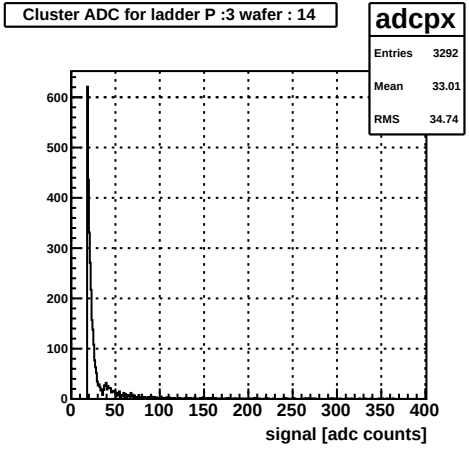

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 6185
Mean 43.96
RMS 35.26
signal [adc counts]

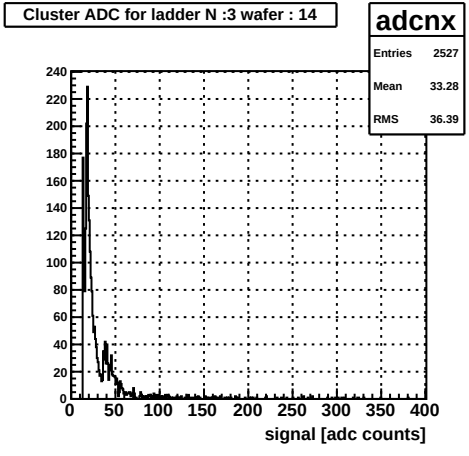

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2313
Mean 26.16
RMS 34
signal [adc counts]

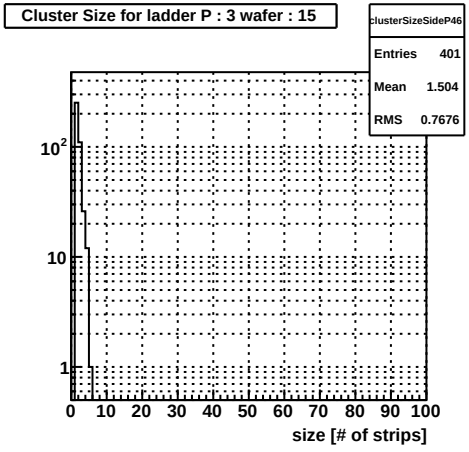

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3292
Mean 1.175
RMS 0.4869
size [# of strips]

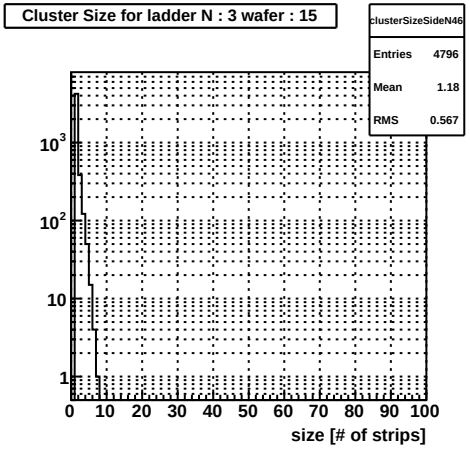

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2527
Mean 1.264
RMS 0.5529
size [# of strips]

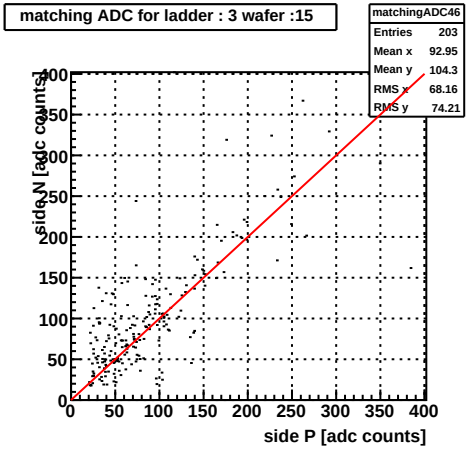

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 235
Mean x 91.66
Mean y 88.21
RMS x 71.19
RMS y 73.25
side N [adc counts]
side P [adc counts]

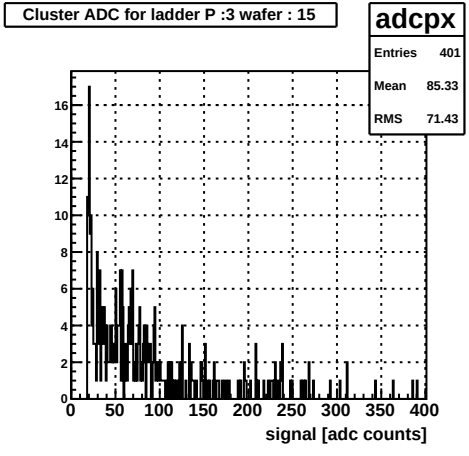

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3292
Mean 33.01
RMS 34.74
signal [adc counts]

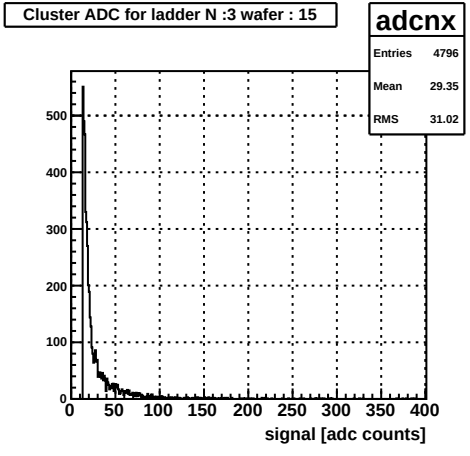

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2527
Mean 33.28
RMS 36.39
signal [adc counts]

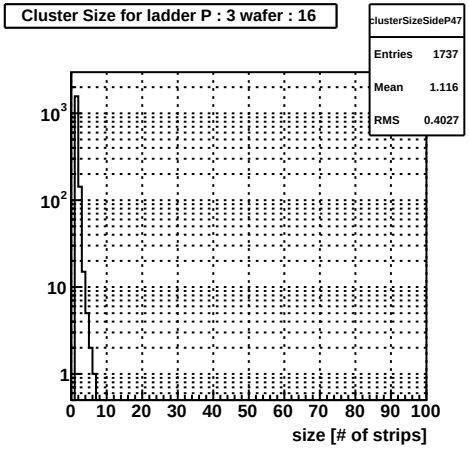

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 401
Mean 1.504
RMS 0.7676
size [# of strips]

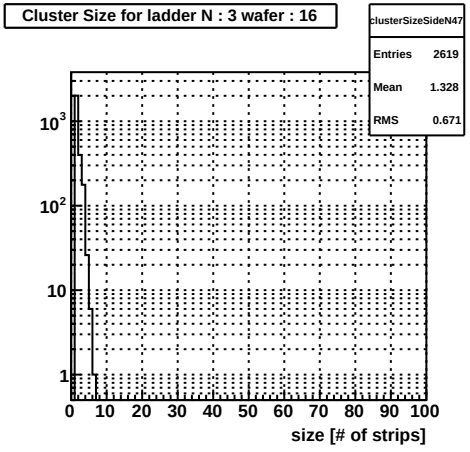

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 4796
Mean 1.18
RMS 0.567
size [# of strips]

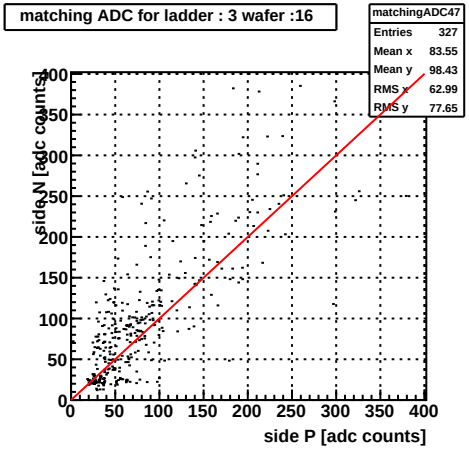

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 203
Mean x 92.95
Mean y 104.3
RMS x 68.16
RMS y 74.21
side N [adc counts]
side P [adc counts]

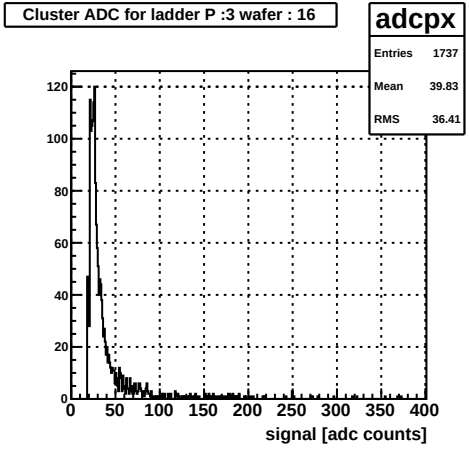

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 401
Mean 85.33
RMS 71.43
signal [adc counts]

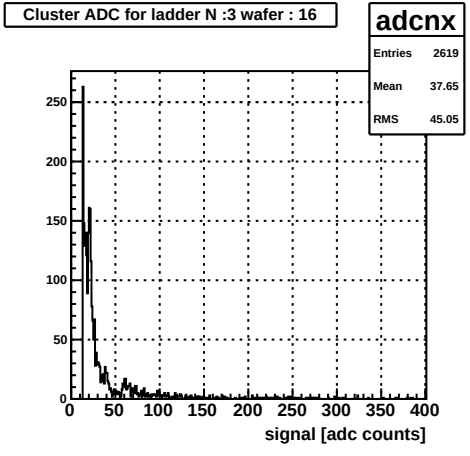

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 4796
Mean 29.35
RMS 31.02
signal [adc counts]

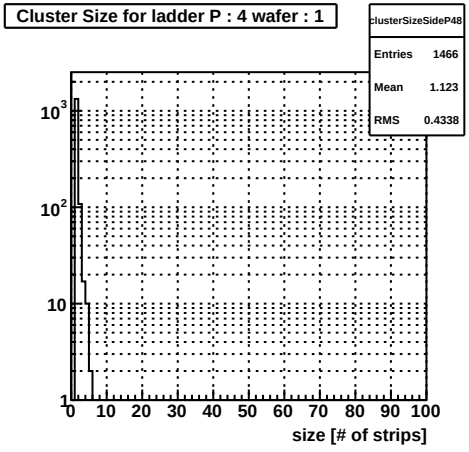

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1737
Mean 1.116
RMS 0.4027
size [# of strips]

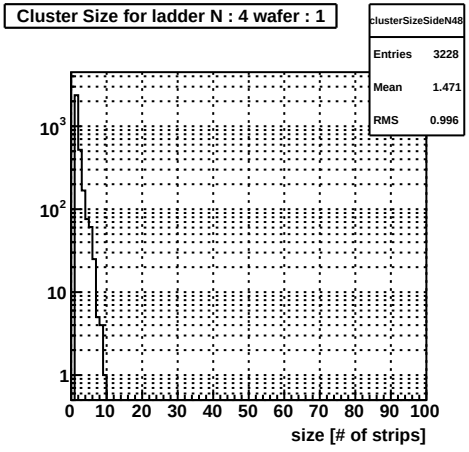

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2619
Mean 1.328
RMS 0.671
size [# of strips]

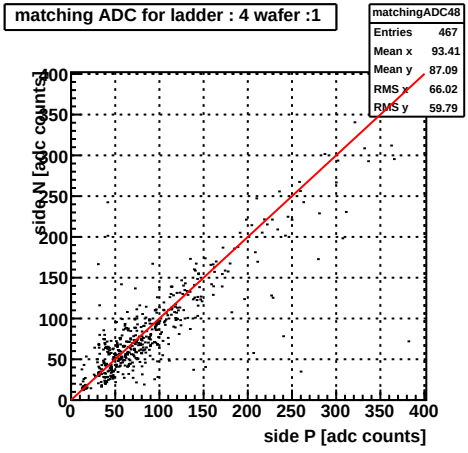

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 327
Mean x 83.55
Mean y 98.43
RMS x 62.99
RMS y 77.65
side N [adc counts]
side P [adc counts]

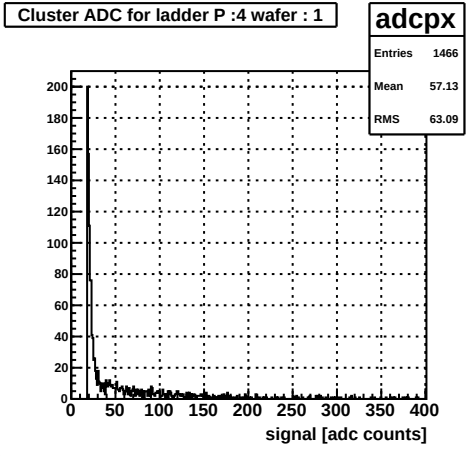

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1737
Mean 39.83
RMS 36.41
signal [adc counts]

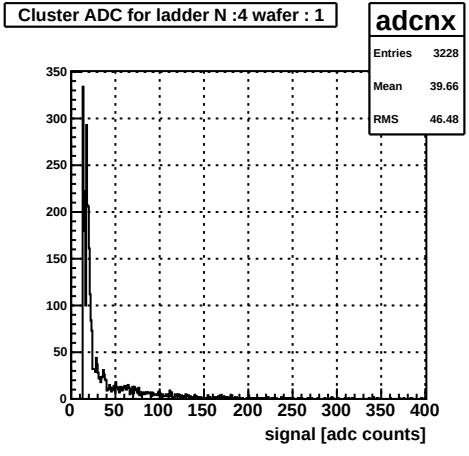

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2619
Mean 37.65
RMS 45.05
signal [adc counts]

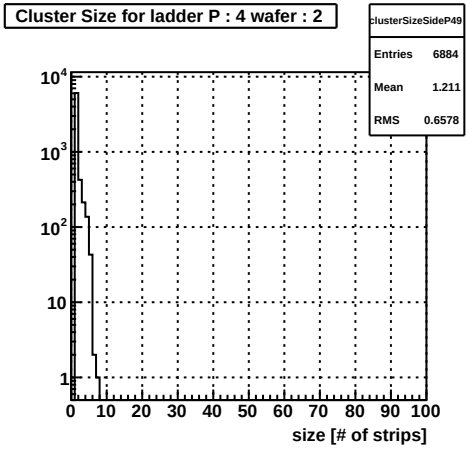

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1466
Mean 1.123
RMS 0.4338
size [# of strips]

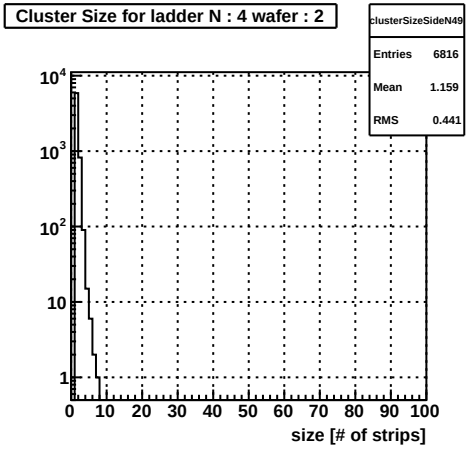

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3228
Mean 1.471
RMS 0.996
size [# of strips]

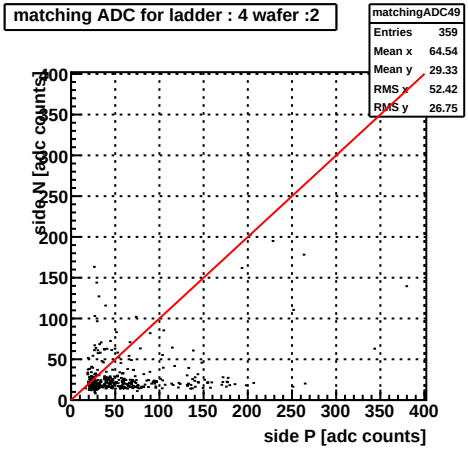

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 467
Mean x 93.41
Mean y 87.09
RMS x 66.02
RMS y 59.79
side N [adc counts]
side P [adc counts]

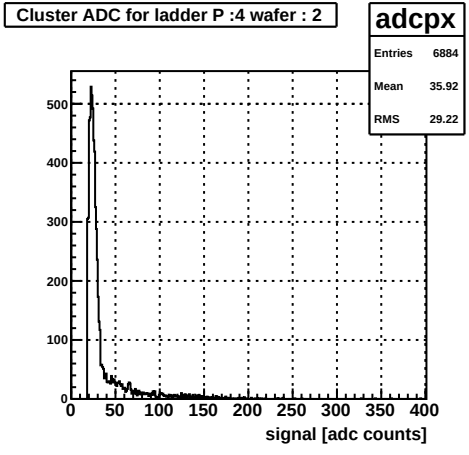

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1466
Mean 57.13
RMS 63.09
signal [adc counts]

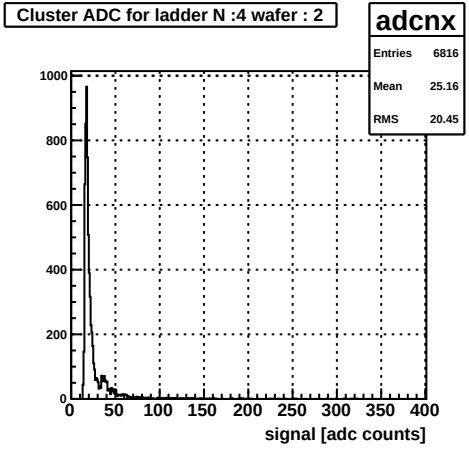

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3228
Mean 39.66
RMS 46.48
signal [adc counts]

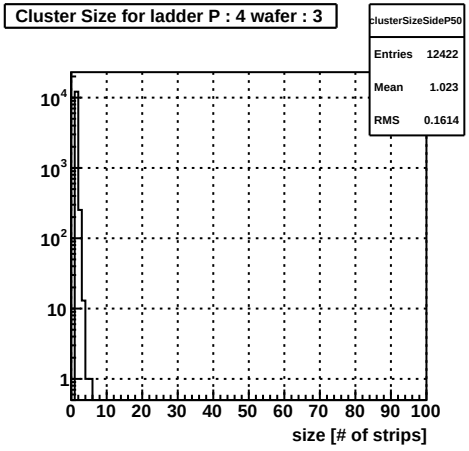

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 6884
Mean 1.211
RMS 0.6578
size [# of strips]

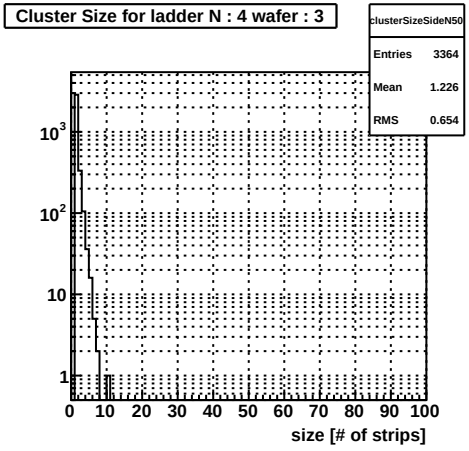

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 6816
Mean 1.159
RMS 0.441
size [# of strips]

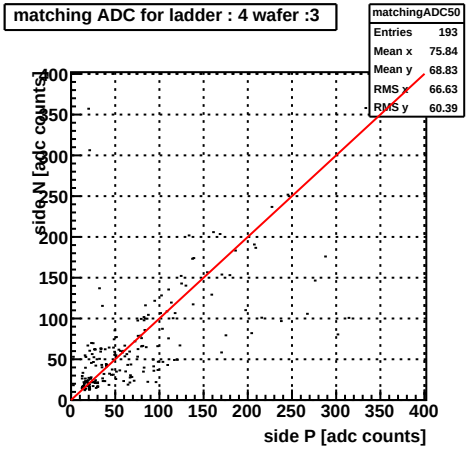

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 359
Mean x 64.54
Mean y 29.33
RMS x 52.42
RMS y 26.75
side N [adc counts]
side P [adc counts]

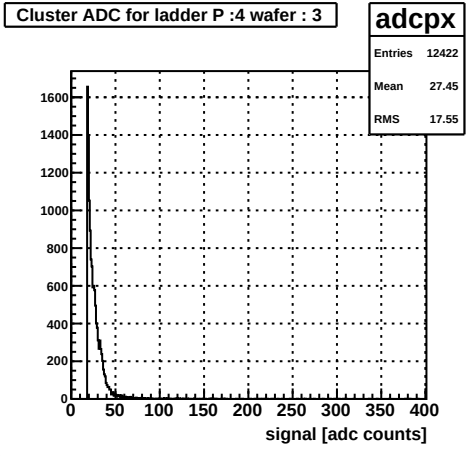

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 6884
Mean 35.92
RMS 29.22
signal [adc counts]

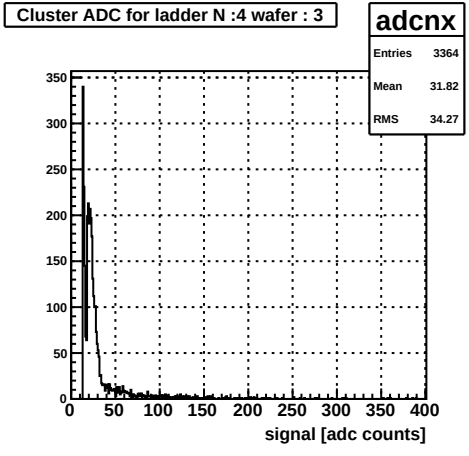

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 6816
Mean 25.16
RMS 20.45
signal [adc counts]

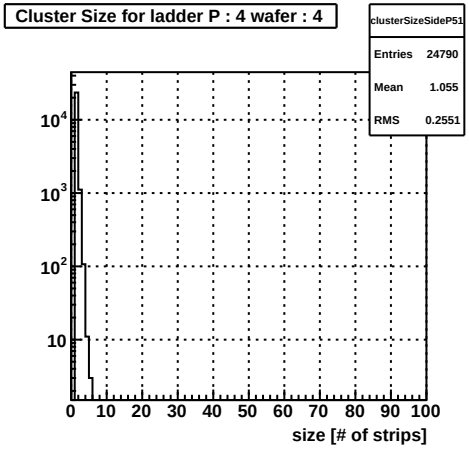

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 12422
Mean 1.023
RMS 0.1614
size [# of strips]

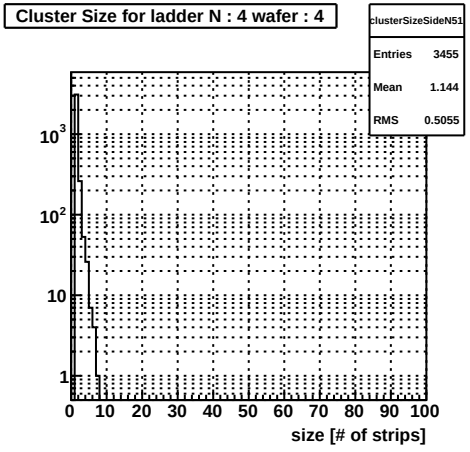

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3364
Mean 1.226
RMS 0.654
size [# of strips]

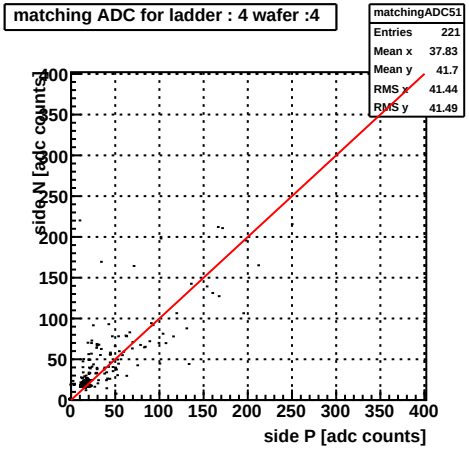

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 193
Mean x 75.84
Mean y 68.83
RMS x 66.63
RMS y 60.39
side N [adc counts]
side P [adc counts]

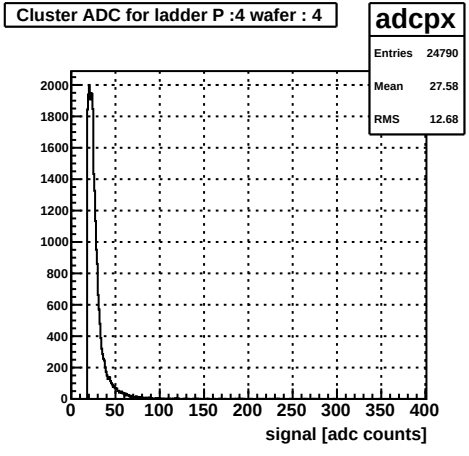

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 12422
Mean 27.45
RMS 17.55
signal [adc counts]

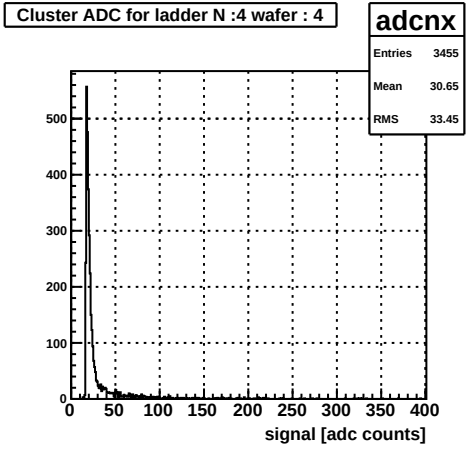

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3364
Mean 31.82
RMS 34.27
signal [adc counts]

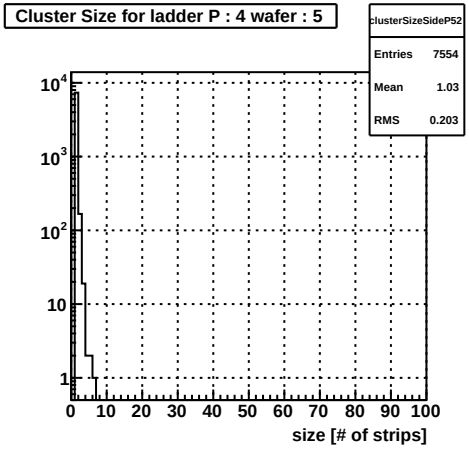

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 24790
Mean 1.055
RMS 0.2551
size [# of strips]

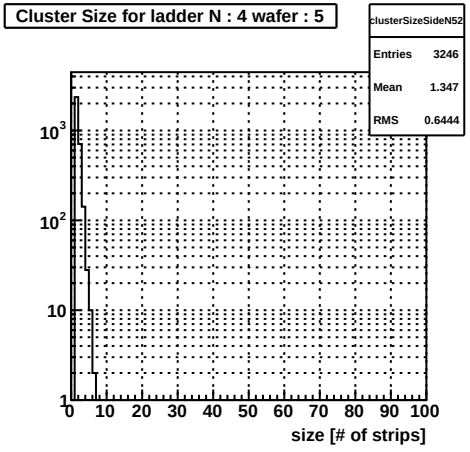

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 3455
Mean 1.144
RMS 0.5055
size [# of strips]

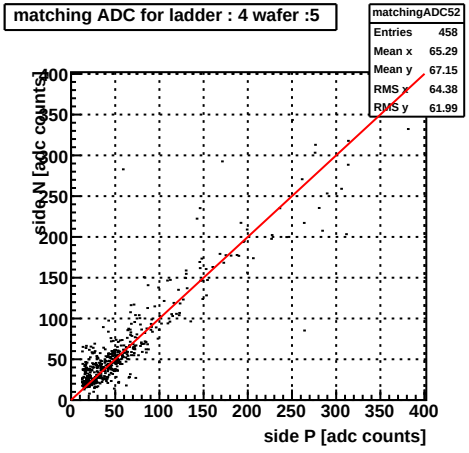

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 221
Mean x 37.83
Mean y 41.7
RMS x 41.44
RMS y 41.49
side N [adc counts]
side P [adc counts]

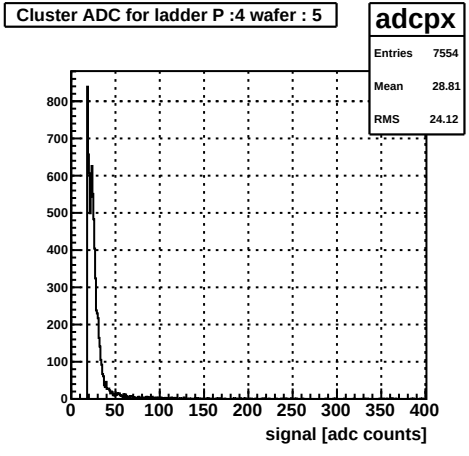

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 24790
Mean 27.58
RMS 12.68
signal [adc counts]

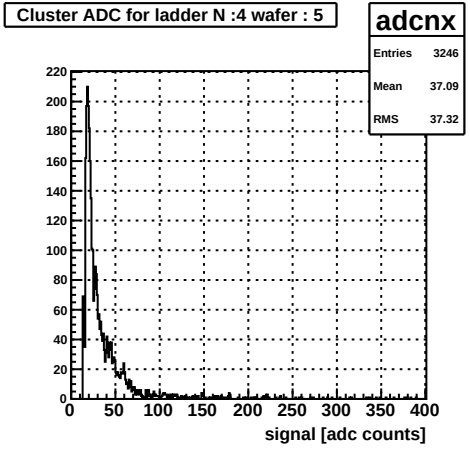

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 3455
Mean 30.65
RMS 33.45
signal [adc counts]

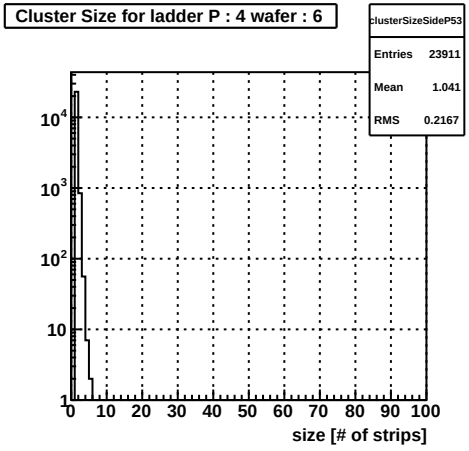

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 7554
Mean 1.03
RMS 0.203
size [# of strips]

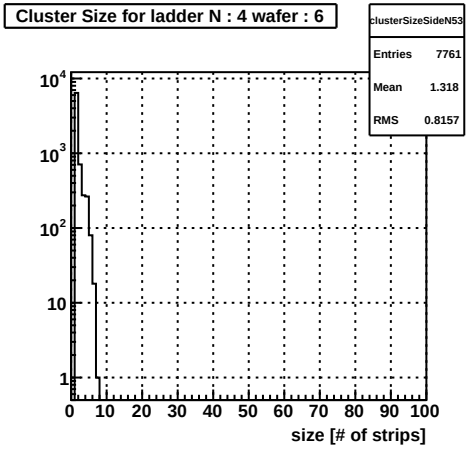

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 3246
Mean 1.347
RMS 0.6444
size [# of strips]

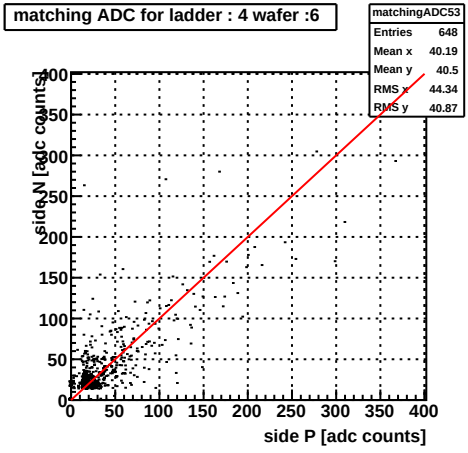

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 458
Mean x 65.29
Mean y 67.15
RMS x 64.38
RMS y 61.99
side N [adc counts]
side P [adc counts]

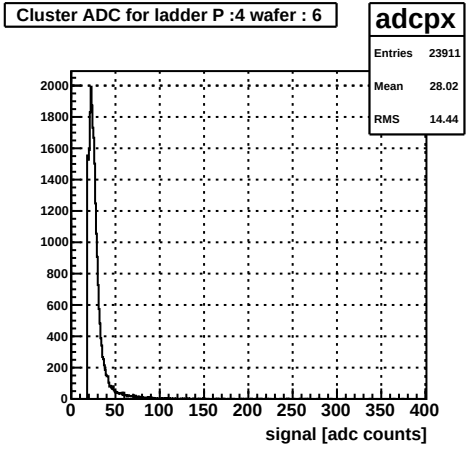

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 7554
Mean 28.81
RMS 24.12
signal [adc counts]

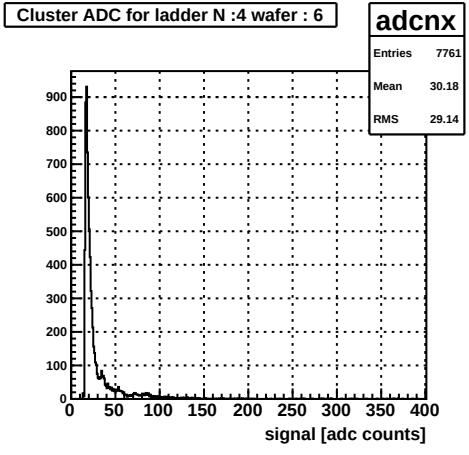

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 3246
Mean 37.09
RMS 37.32
signal [adc counts]

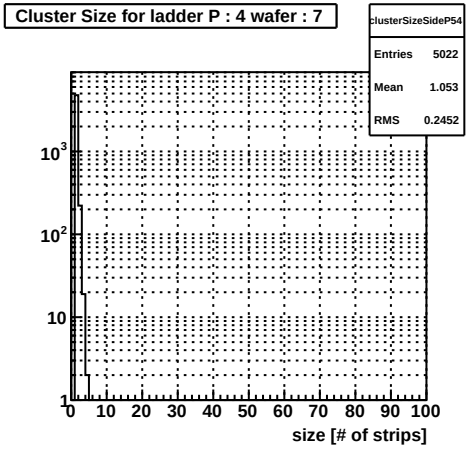

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 23911
Mean 1.041
RMS 0.2167
size [# of strips]

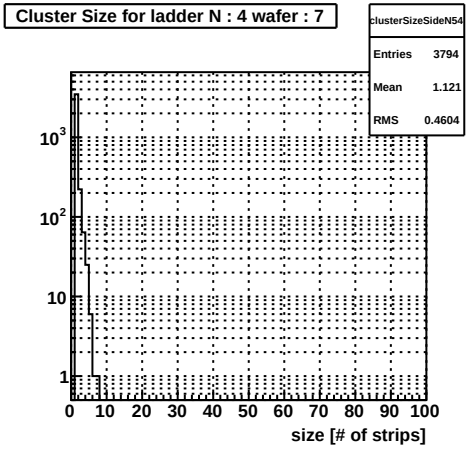

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 7761
Mean 1.318
RMS 0.8157
size [# of strips]

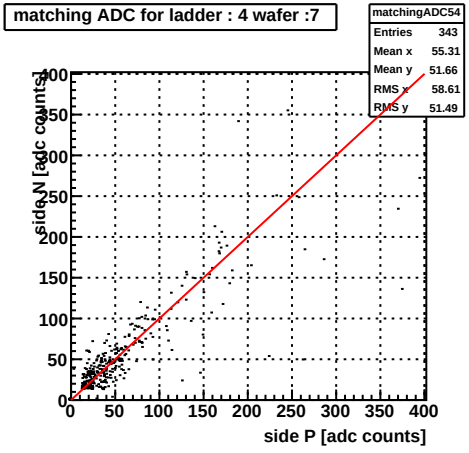

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 648
Mean x 40.19
Mean y 40.5
RMS x 44.34
RMS y 40.87
side N [adc counts]
side P [adc counts]

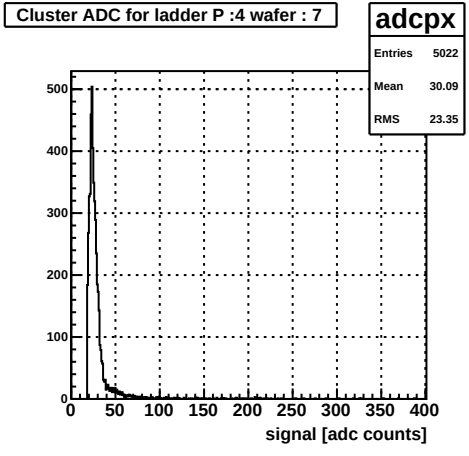

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 23911
Mean 28.02
RMS 14.44
signal [adc counts]

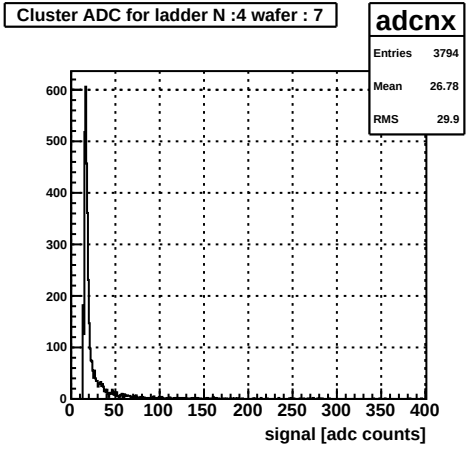

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 7761
Mean 30.18
RMS 29.14
signal [adc counts]

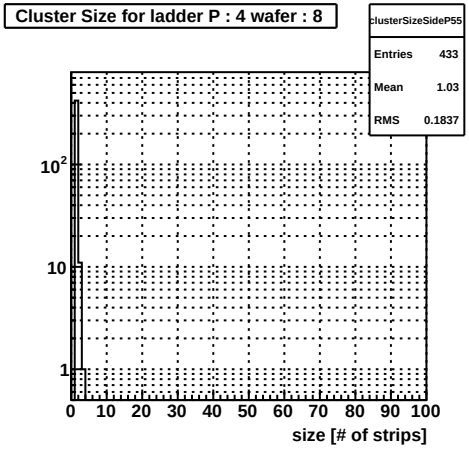

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5022
Mean 1.053
RMS 0.2452
size [# of strips]

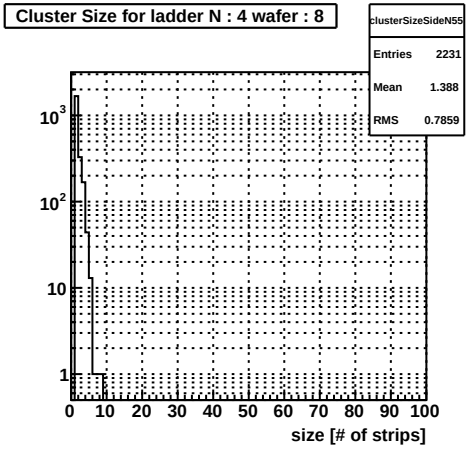

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3794
Mean 1.121
RMS 0.4604
size [# of strips]

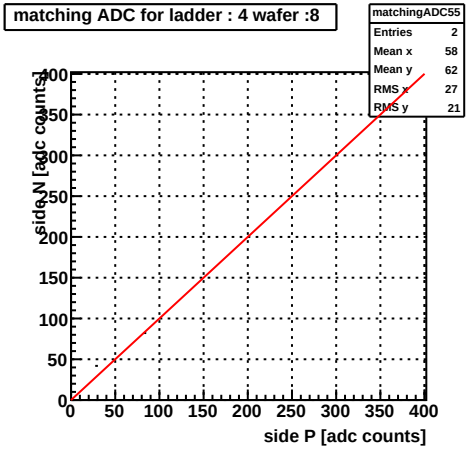

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 343
Mean x 55.31
Mean y 51.66
RMS x 58.61
RMS y 51.49
side N [adc counts]
side P [adc counts]

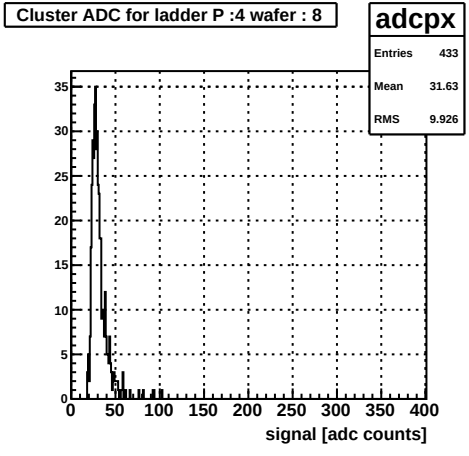

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5022
Mean 30.09
RMS 23.35
signal [adc counts]

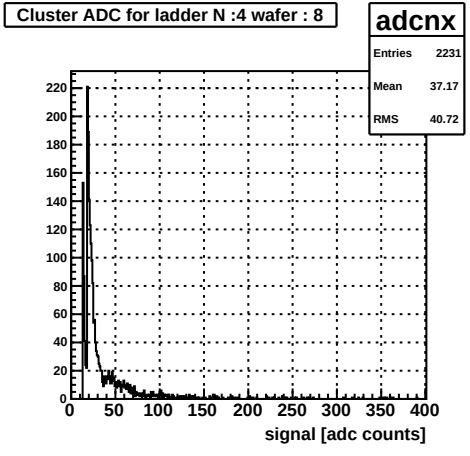

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3794
Mean 26.78
RMS 29.9
signal [adc counts]

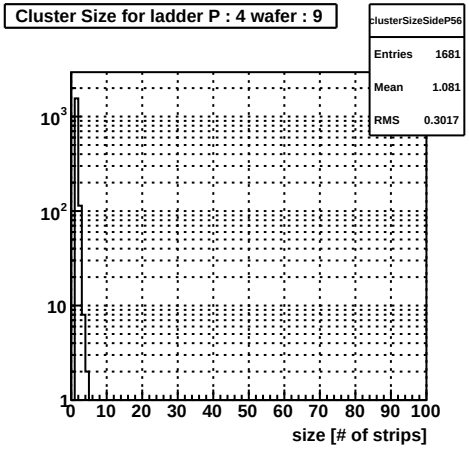

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 433
Mean 1.03
RMS 0.1837
size [# of strips]

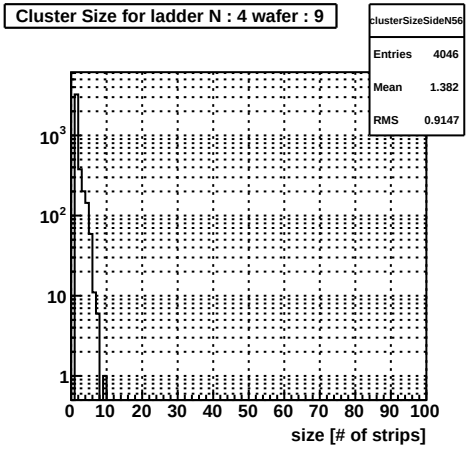

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2231
Mean 1.388
RMS 0.7859
size [# of strips]

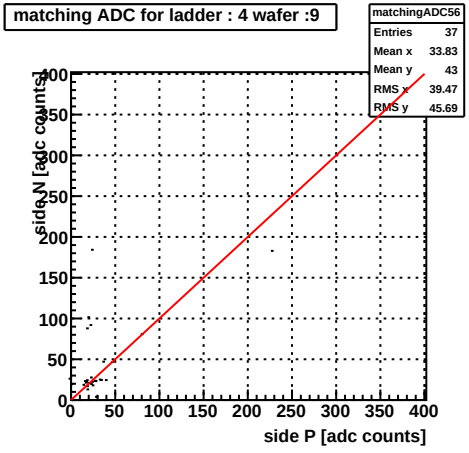

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2
Mean x 58
Mean y 62
RMS x 27
RMS y 21
side N [adc counts]
side P [adc counts]

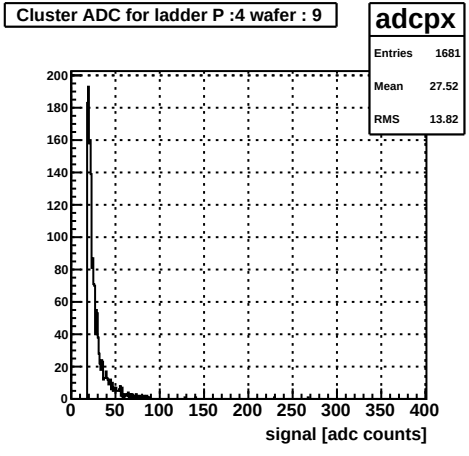

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 433
Mean 31.63
RMS 9.926
signal [adc counts]

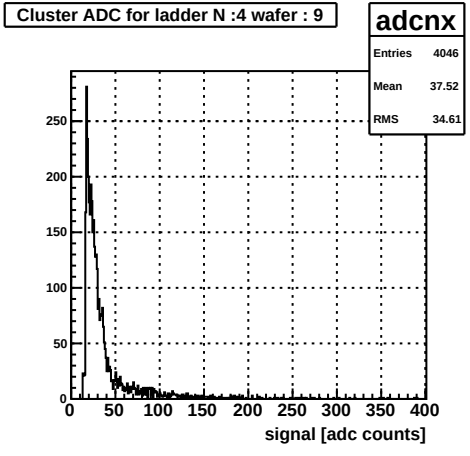

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2231
Mean 37.17
RMS 40.72
signal [adc counts]

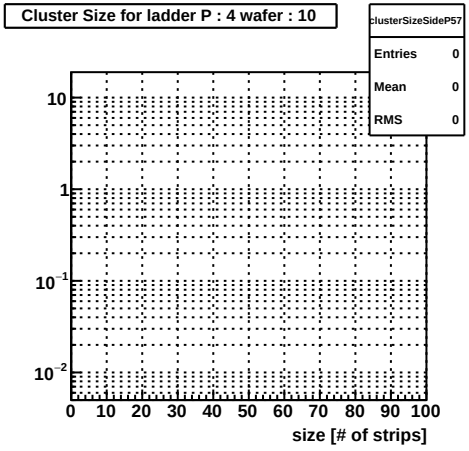

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1681
Mean 1.081
RMS 0.3017
size [# of strips]

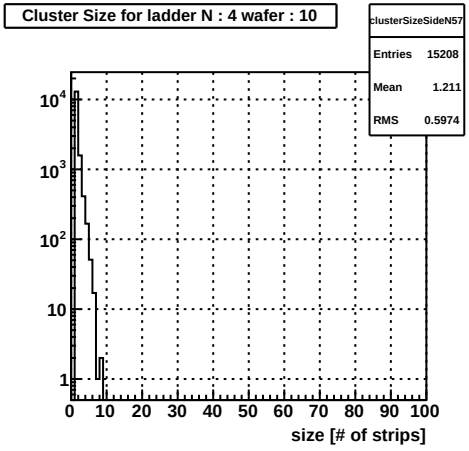

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4046
Mean 1.382
RMS 0.9147
size [# of strips]

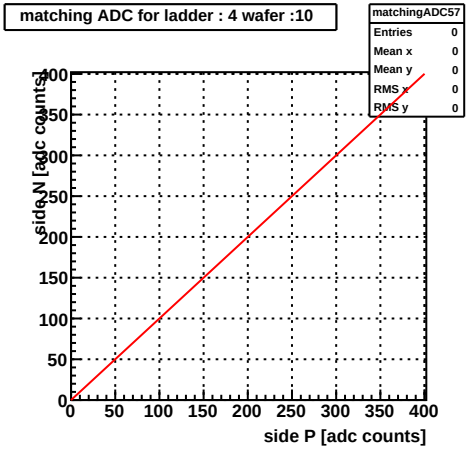

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 37
Mean x 33.83
Mean y 43
RMS x 39.47
RMS y 45.69
side N [adc counts]
side P [adc counts]

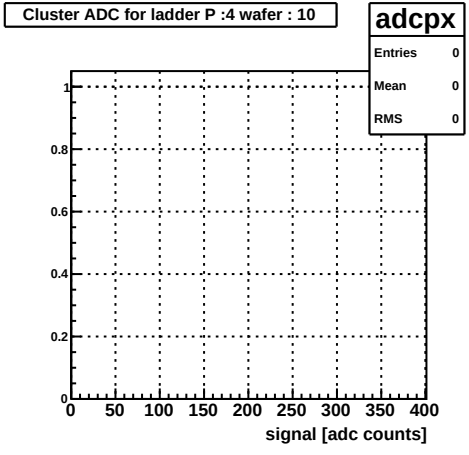

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1681
Mean 27.52
RMS 13.82
signal [adc counts]

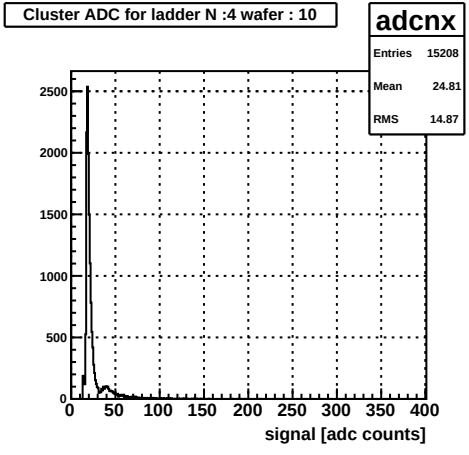

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4046
Mean 37.52
RMS 34.61
signal [adc counts]

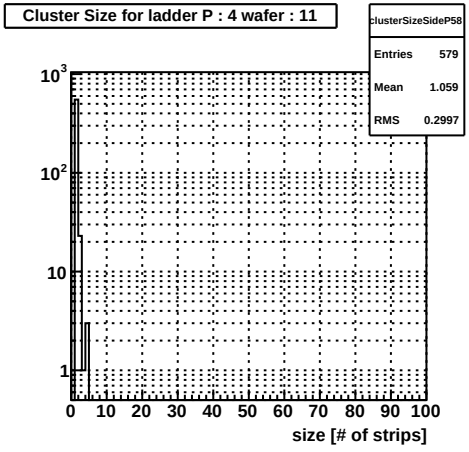

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

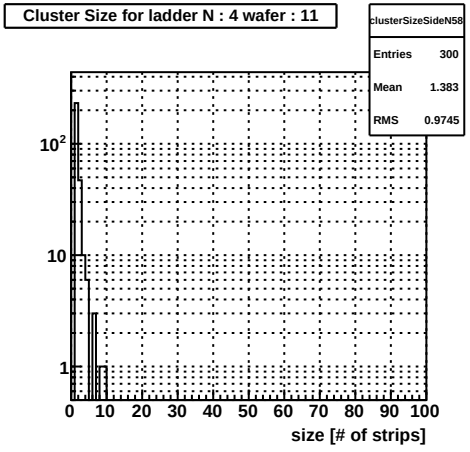

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15208
Mean 1.211
RMS 0.5974
size [# of strips]

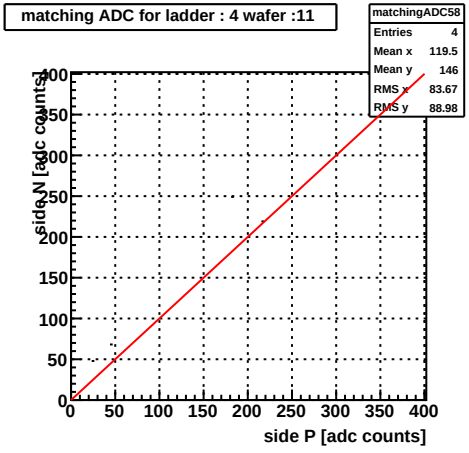

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

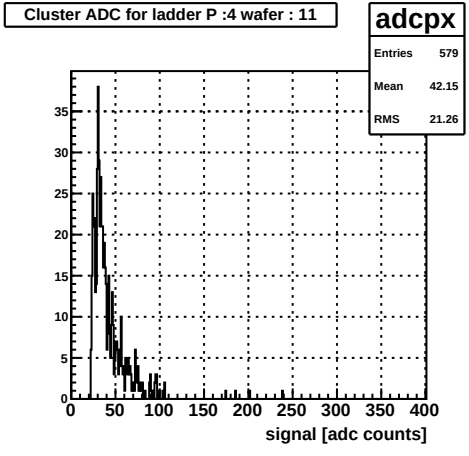

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

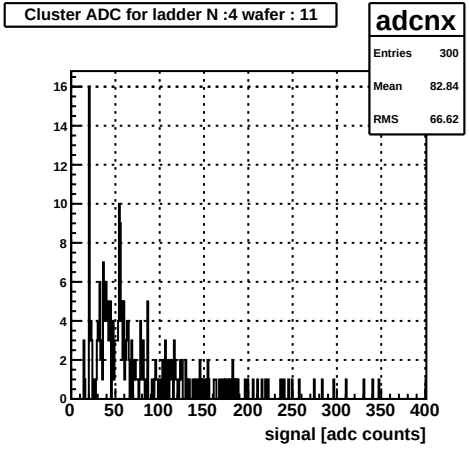

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15208
Mean 24.81
RMS 14.87
signal [adc counts]

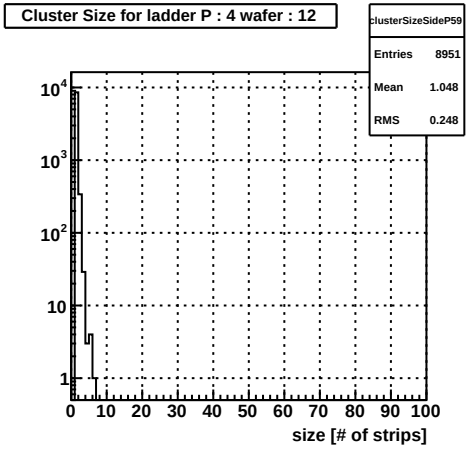

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 579
Mean 1.059
RMS 0.2997
size [# of strips]

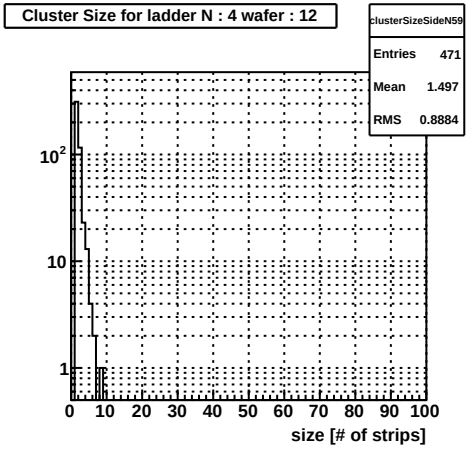

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 300
Mean 1.383
RMS 0.9745
size [# of strips]

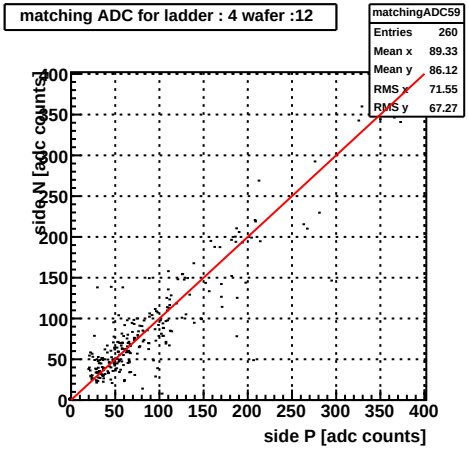

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 4
Mean x 119.5
Mean y 146
RMS x 83.67
RMS y 88.98
side N [adc counts]
side P [adc counts]

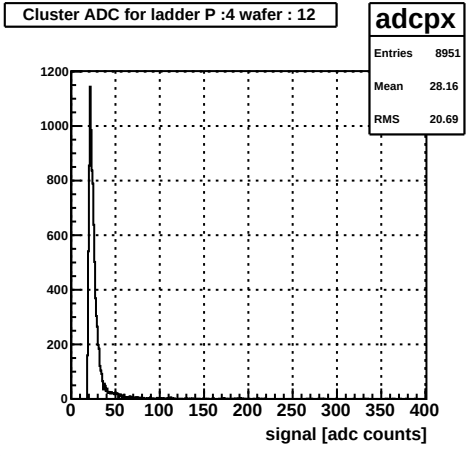

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 579
Mean 42.15
RMS 21.26
signal [adc counts]

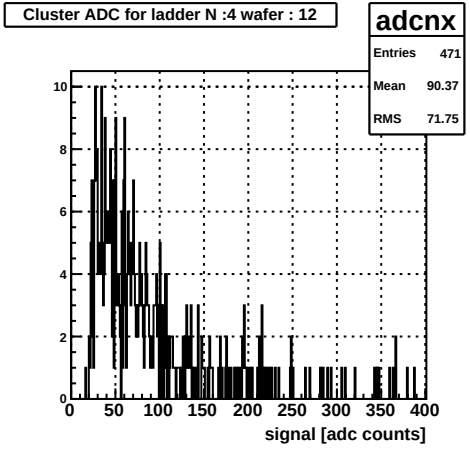

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 300
Mean 82.84
RMS 66.62
signal [adc counts]

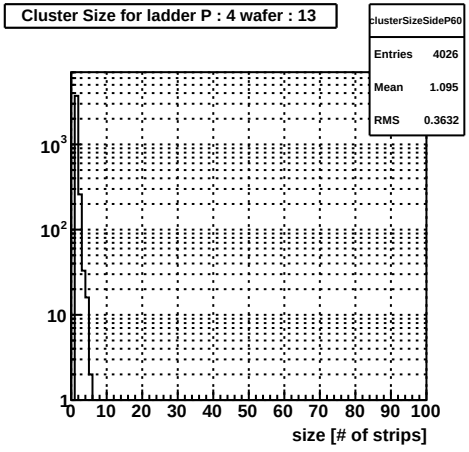

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 8951
Mean 1.048
RMS 0.248
size [# of strips]

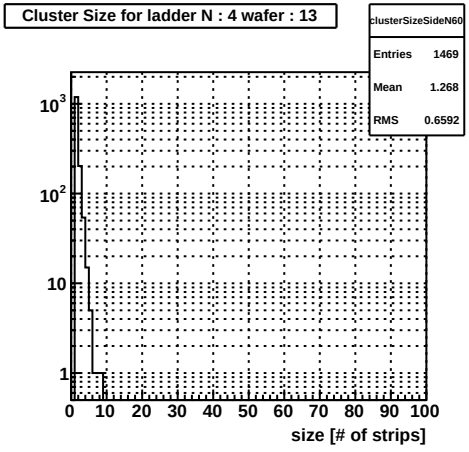

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 471
Mean 1.497
RMS 0.8884
size [# of strips]

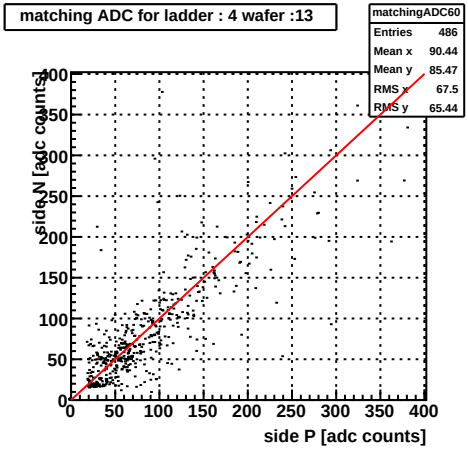

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 260
Mean x 89.33
Mean y 86.12
RMS x 71.55
RMS y 67.27
side N [adc counts]
side P [adc counts]

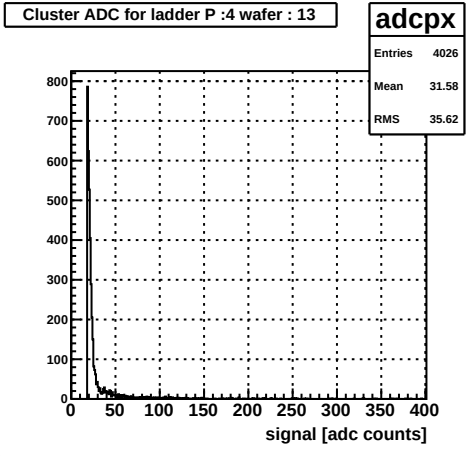

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 8951
Mean 28.16
RMS 20.69
signal [adc counts]

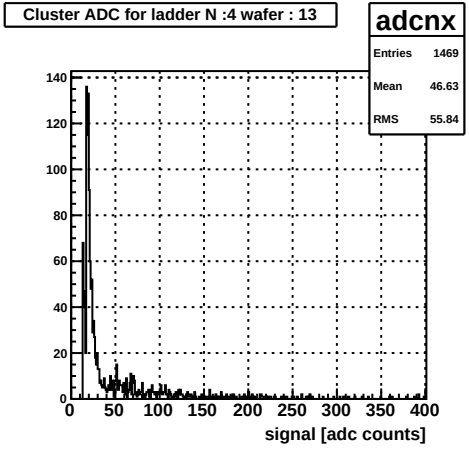

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 471
Mean 90.37
RMS 71.75
signal [adc counts]

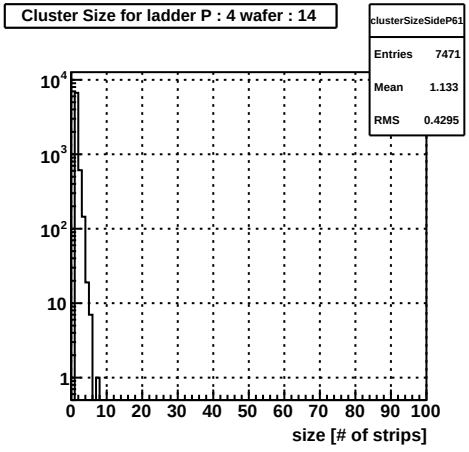

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4026
Mean 1.095
RMS 0.3632
size [# of strips]

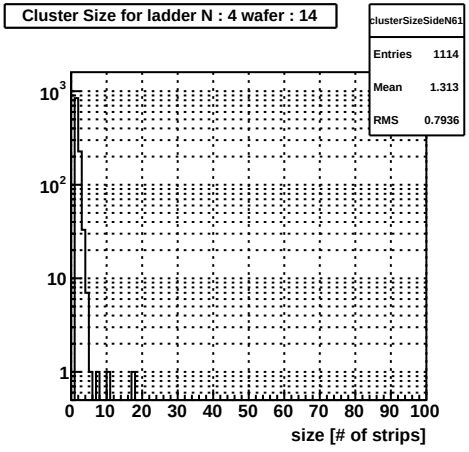

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1469
Mean 1.268
RMS 0.6592
size [# of strips]

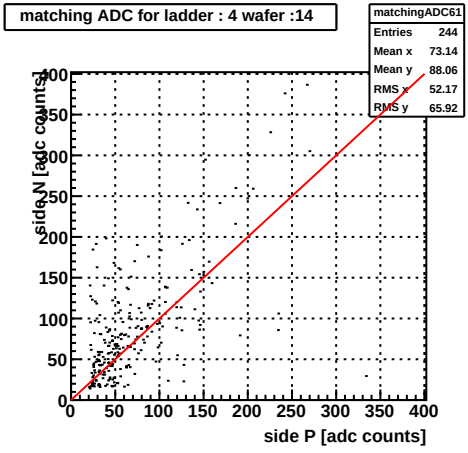

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 486
Mean x 90.44
Mean y 85.47
RMS x 67.5
RMS y 65.44
side N [adc counts]
side P [adc counts]

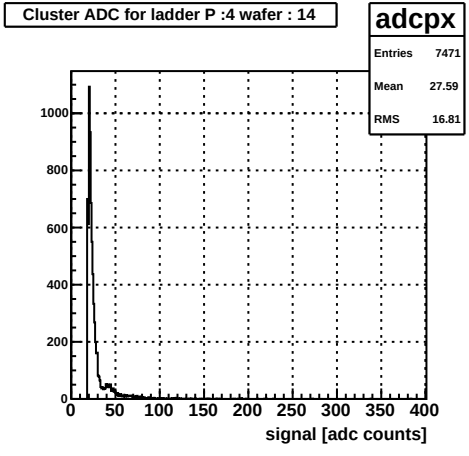

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4026
Mean 31.58
RMS 35.62
signal [adc counts]

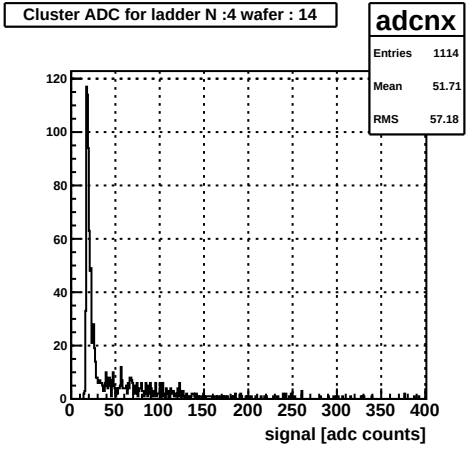

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1469
Mean 46.63
RMS 55.84
signal [adc counts]

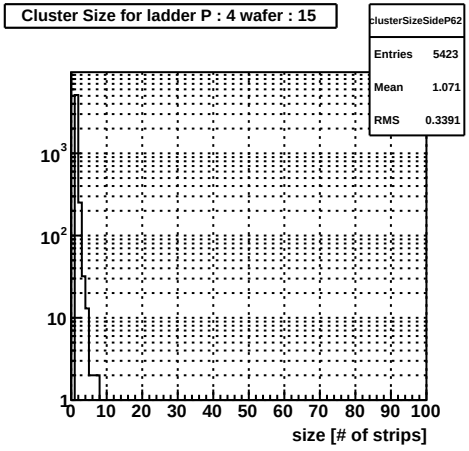

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 7471
Mean 1.133
RMS 0.4295
size [# of strips]

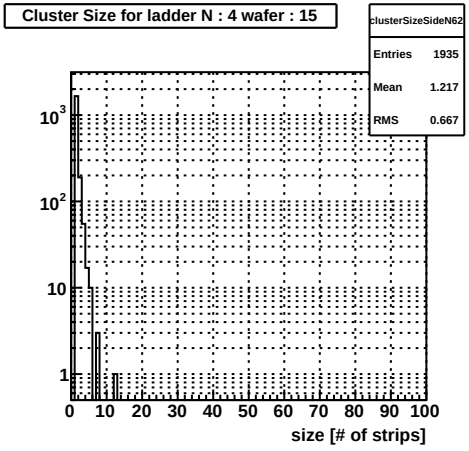

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1114
Mean 1.313
RMS 0.7936
size [# of strips]

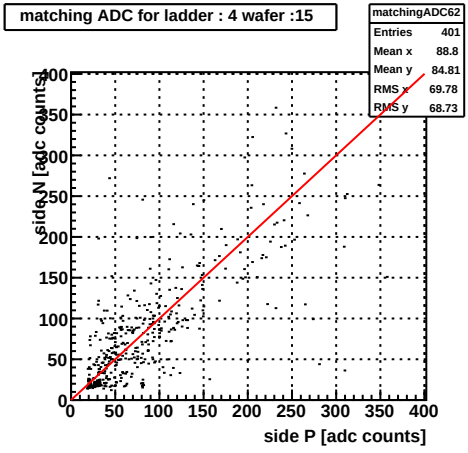

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 244
Mean x 73.14
Mean y 88.06
RMS x 52.17
RMS y 65.92
side N [adc counts]
side P [adc counts]

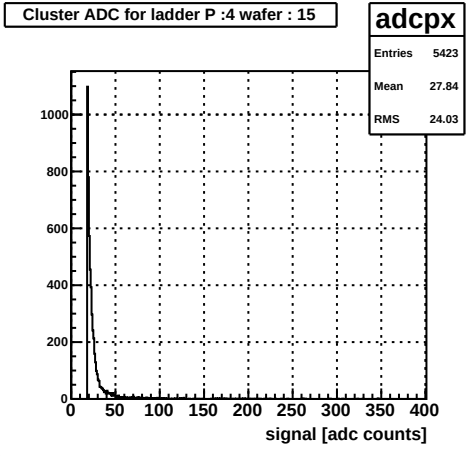

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 7471
Mean 27.59
RMS 16.81
signal [adc counts]

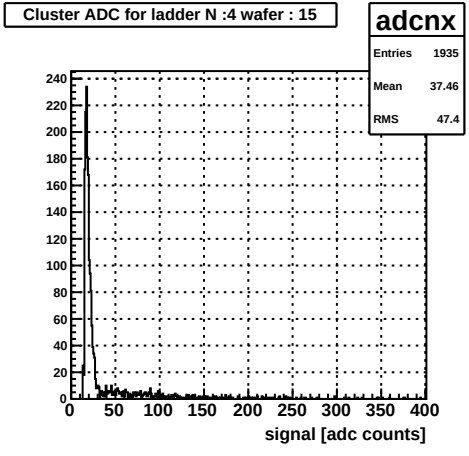

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1114
Mean 51.71
RMS 57.18
signal [adc counts]

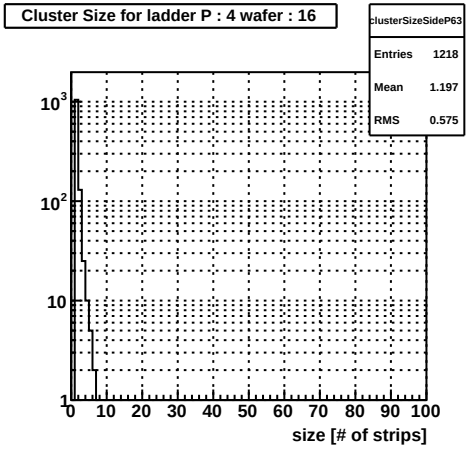

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 5423
Mean 1.071
RMS 0.3391
size [# of strips]

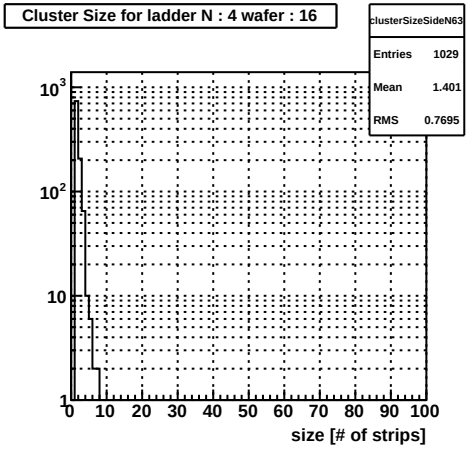

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1935
Mean 1.217
RMS 0.667
size [# of strips]

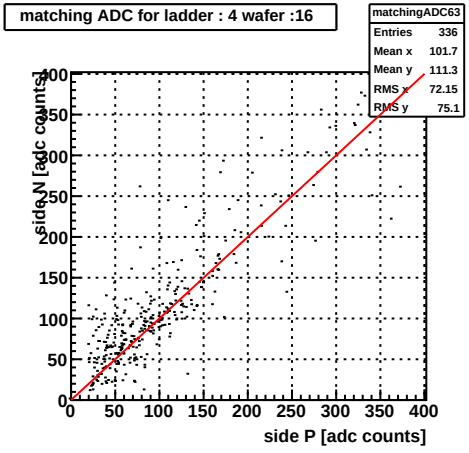

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 401
Mean x 88.8
Mean y 84.81
RMS x 69.78
RMS y 68.73
side N [adc counts]
side P [adc counts]

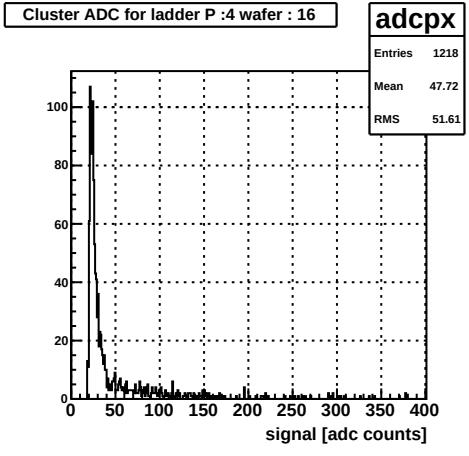

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 5423
Mean 27.84
RMS 24.03
signal [adc counts]

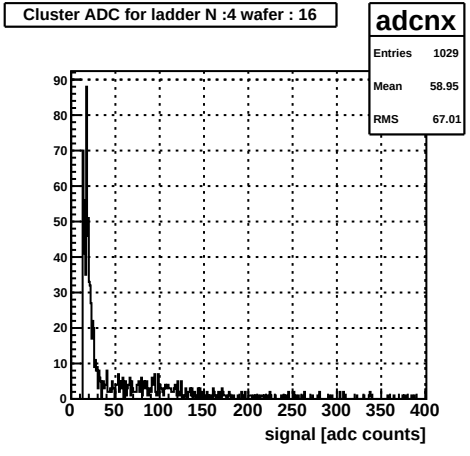

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1935
Mean 37.46
RMS 47.4
signal [adc counts]

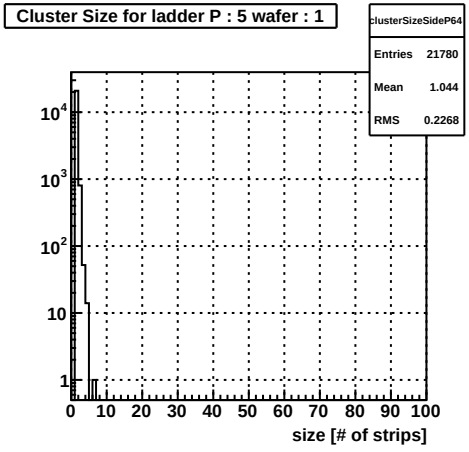

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1218
Mean 1.197
RMS 0.575
size [# of strips]

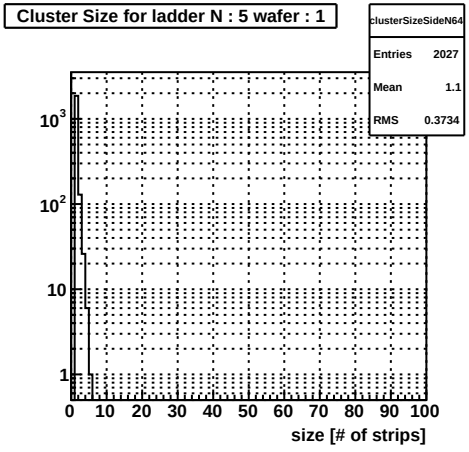

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1029
Mean 1.401
RMS 0.7695
size [# of strips]

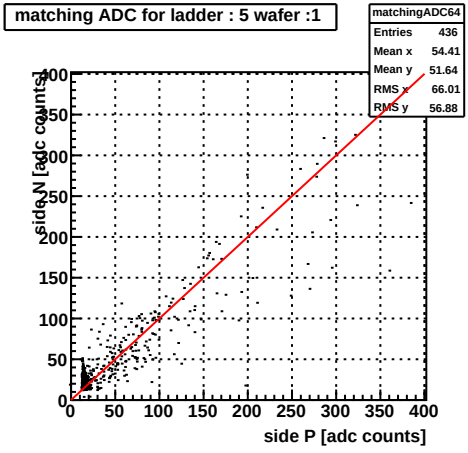

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 336
Mean x 101.7
Mean y 111.3
RMS x 72.15
RMS y 75.1
side N [adc counts]
side P [adc counts]

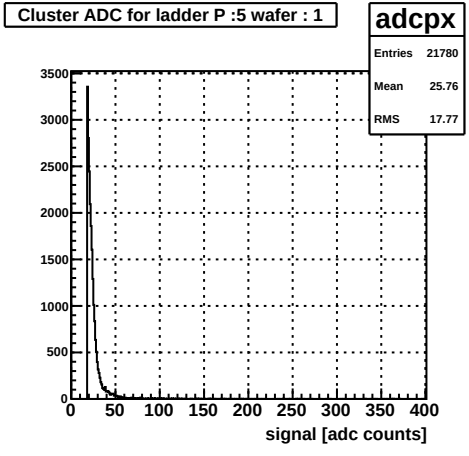

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1218
Mean 47.72
RMS 51.61
signal [adc counts]

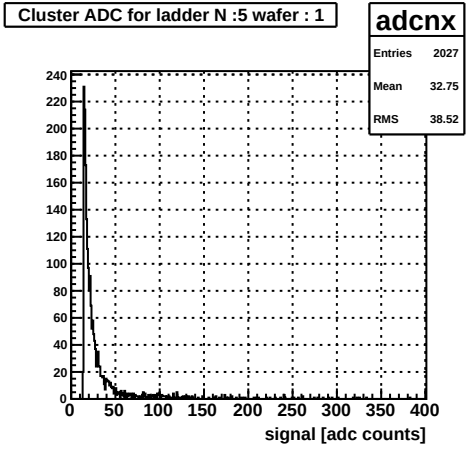

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1029
Mean 58.95
RMS 67.01
signal [adc counts]

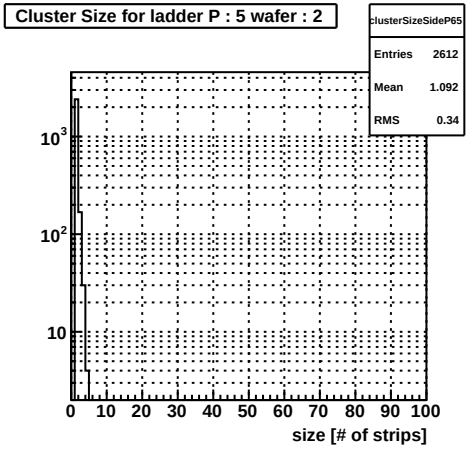

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21780
Mean 1.044
RMS 0.2268
size [# of strips]

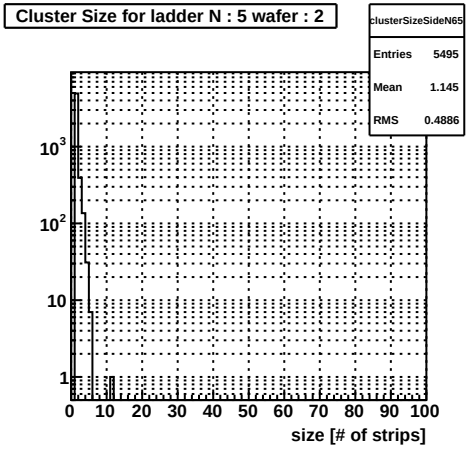

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2027
Mean 1.1
RMS 0.3734
size [# of strips]

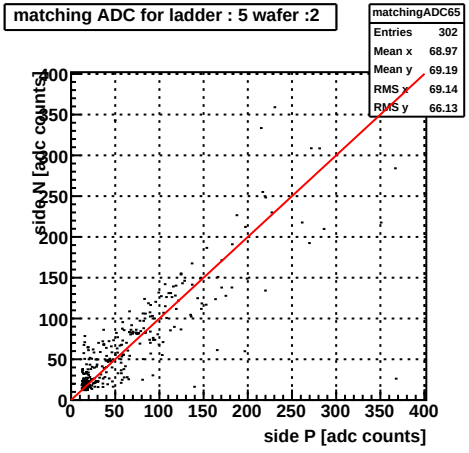

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 436
Mean x 54.41
Mean y 51.64
RMS x 66.01
RMS y 56.88
side N [adc counts]
side P [adc counts]

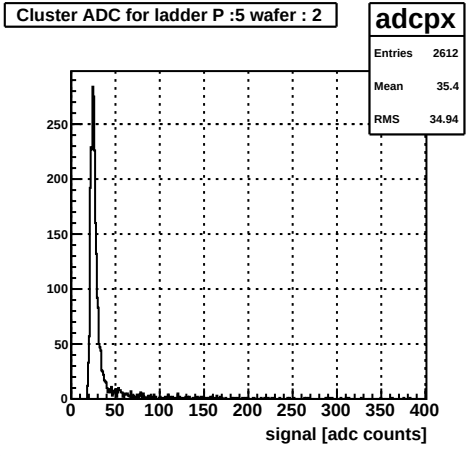

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21780
Mean 25.76
RMS 17.77
signal [adc counts]

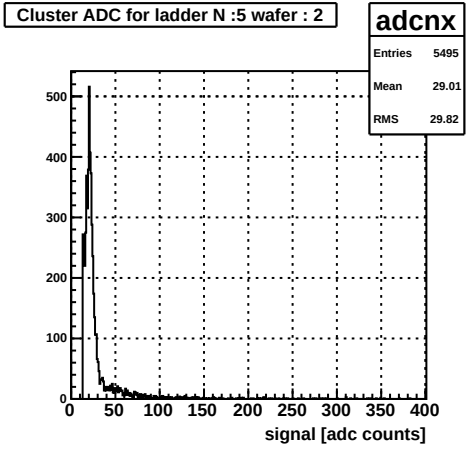

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2027
Mean 32.75
RMS 38.52
signal [adc counts]

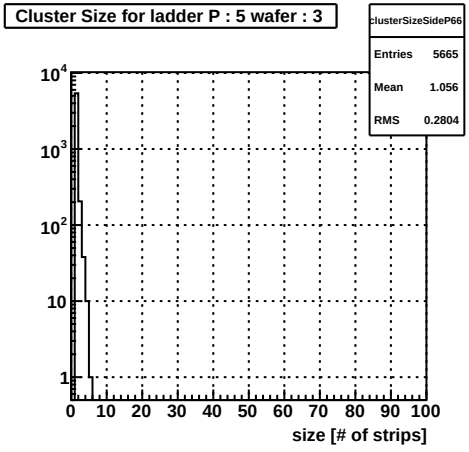

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2612
Mean 1.092
RMS 0.34
size [# of strips]

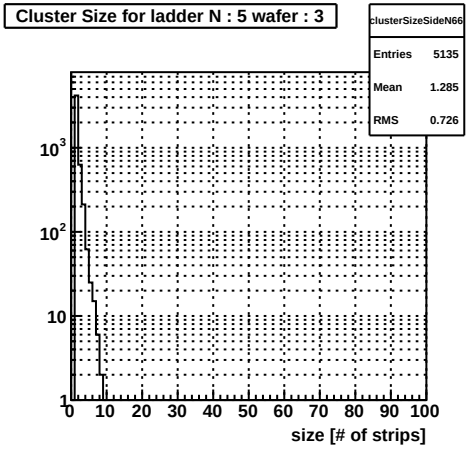

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 5495
Mean 1.145
RMS 0.4886
size [# of strips]

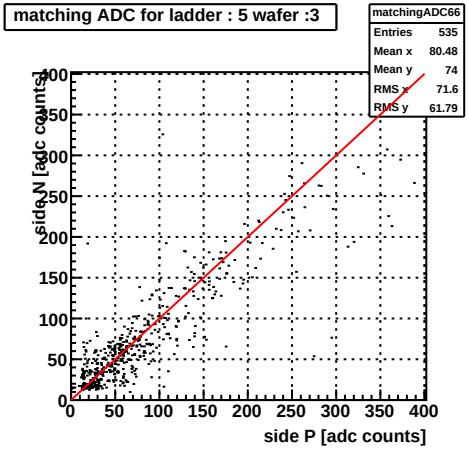

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 302
Mean x 68.97
Mean y 69.19
RMS x 69.14
RMS y 66.13
side N [adc counts]
side P [adc counts]

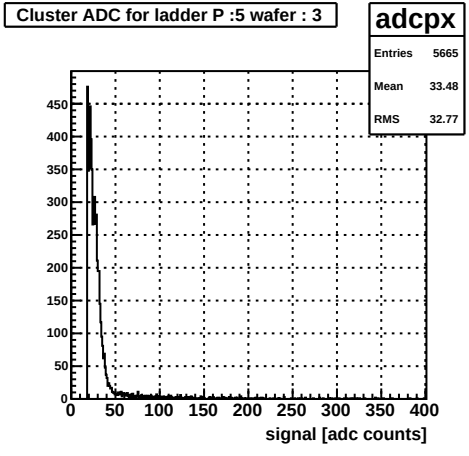

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2612
Mean 35.4
RMS 34.94
signal [adc counts]

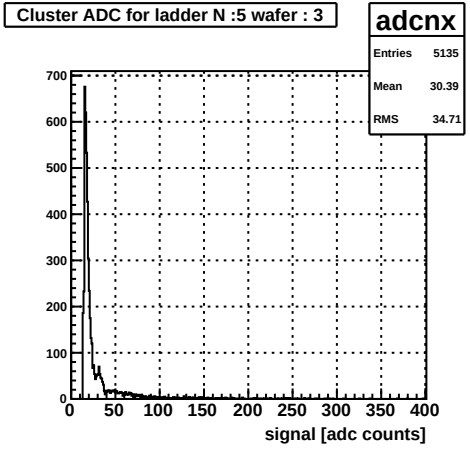

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 5495
Mean 29.01
RMS 29.82
signal [adc counts]

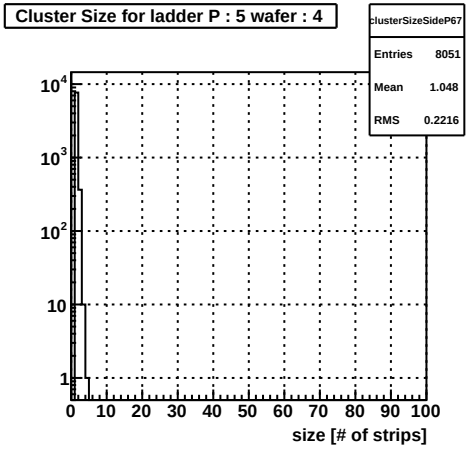

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5665
Mean 1.056
RMS 0.2804
size [# of strips]

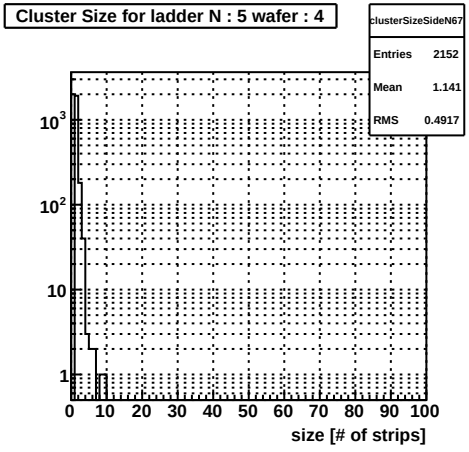

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 5135
Mean 1.285
RMS 0.726
size [# of strips]

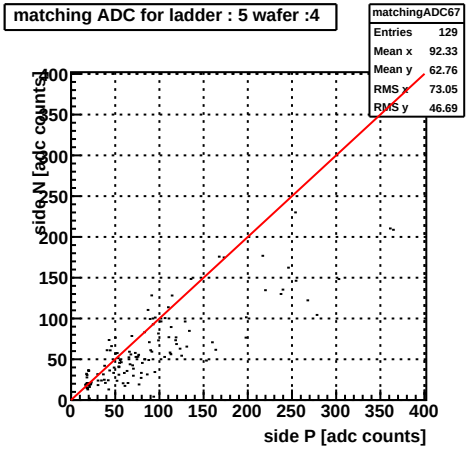

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 535
Mean x 80.48
Mean y 74
RMS x 71.6
RMS y 61.79
side N [adc counts]
side P [adc counts]

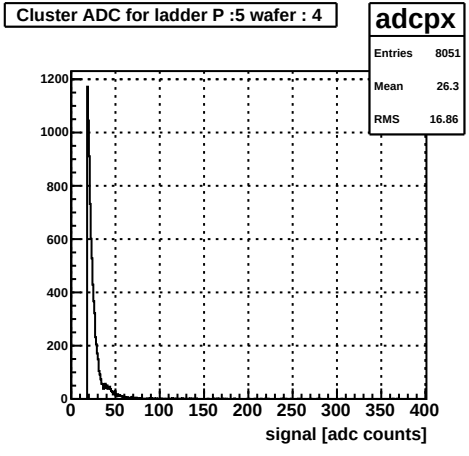

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5665
Mean 33.48
RMS 32.77
signal [adc counts]

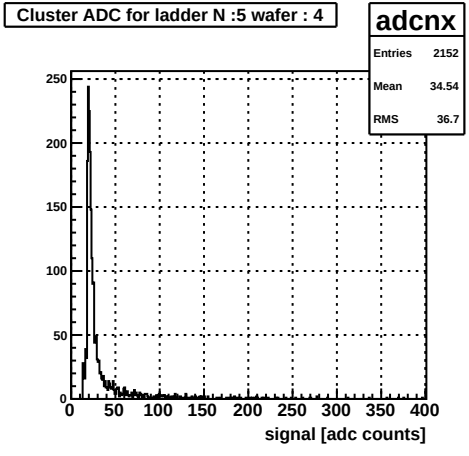

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 5135
Mean 30.39
RMS 34.71
signal [adc counts]

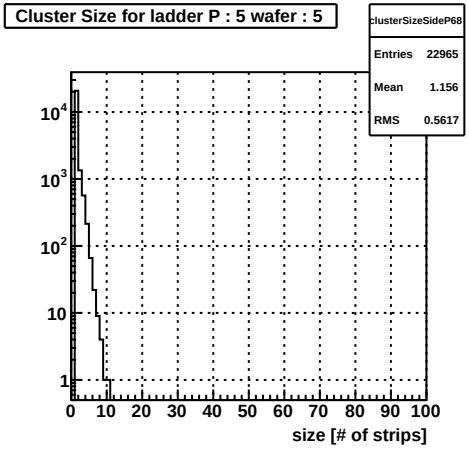

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8051
Mean 1.048
RMS 0.2216
size [# of strips]

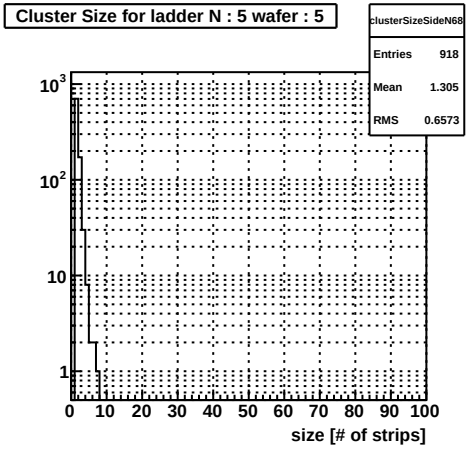

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2152
Mean 1.141
RMS 0.4917
size [# of strips]

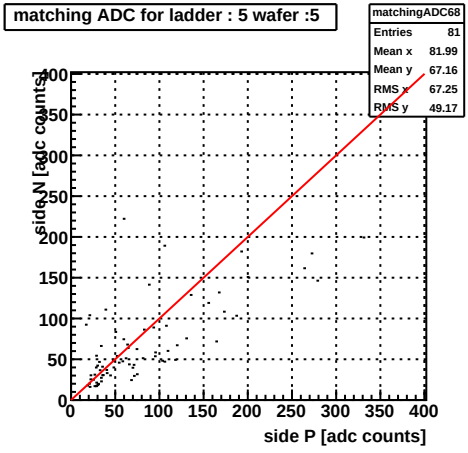

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 129
Mean x 92.33
Mean y 62.76
RMS x 73.05
RMS y 46.69
side N [adc counts]
side P [adc counts]

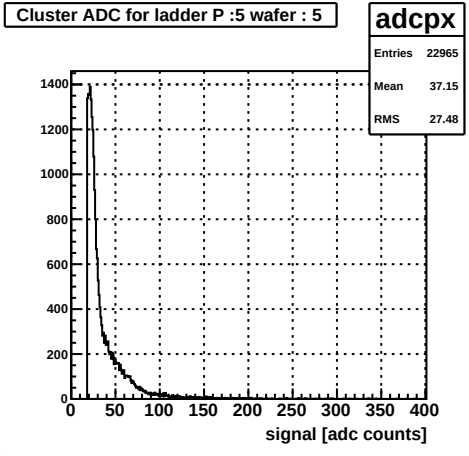

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8051
Mean 26.3
RMS 16.86
signal [adc counts]

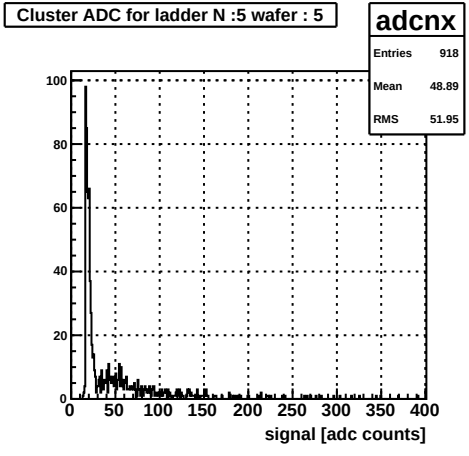

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2152
Mean 34.54
RMS 36.7
signal [adc counts]

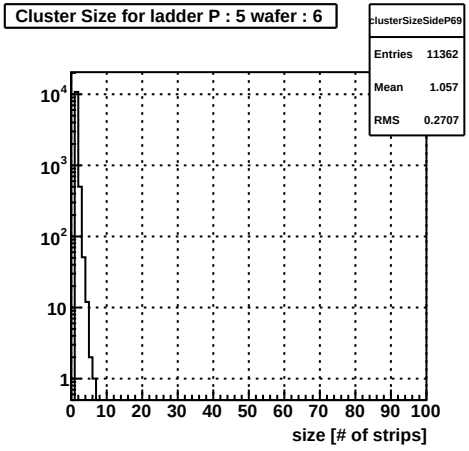

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 22965
Mean 1.156
RMS 0.5617
size [# of strips]

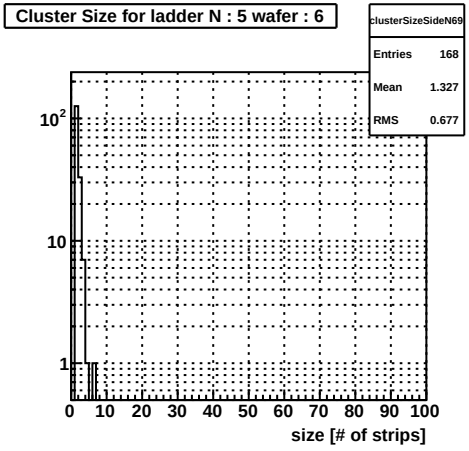

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 918
Mean 1.305
RMS 0.6573
size [# of strips]

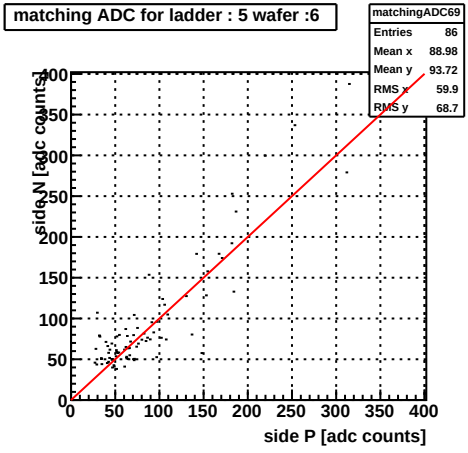

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 81
Mean x 81.99
Mean y 67.16
RMS x 67.25
RMS y 49.17
side N [adc counts]
side P [adc counts]

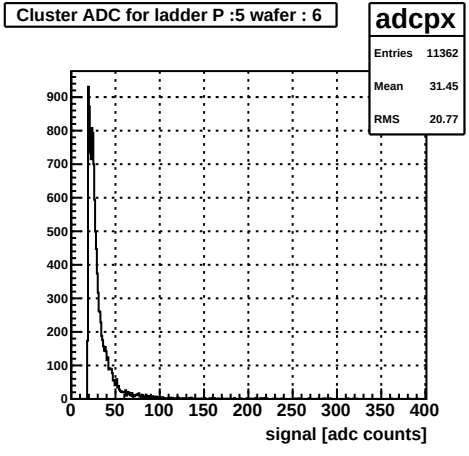

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 22965
Mean 37.15
RMS 27.48
signal [adc counts]

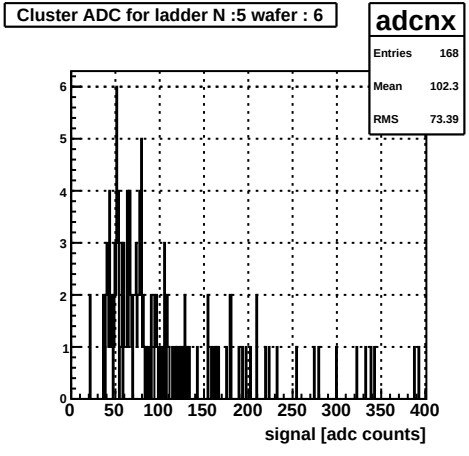

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 918
Mean 48.89
RMS 51.95
signal [adc counts]

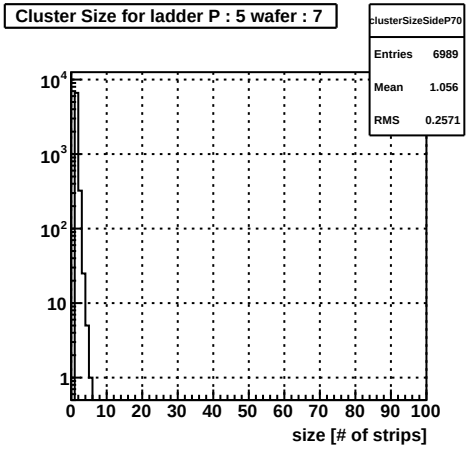

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11362
Mean 1.057
RMS 0.2707
size [# of strips]

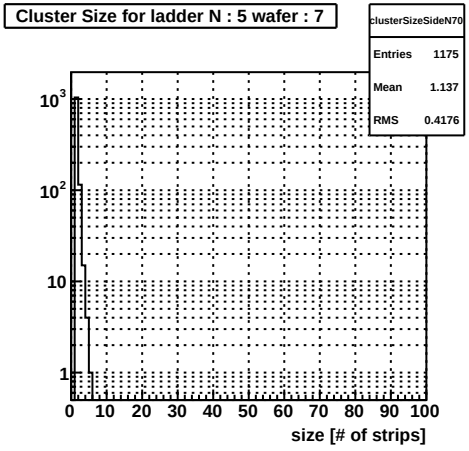

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 168
Mean 1.327
RMS 0.677
size [# of strips]

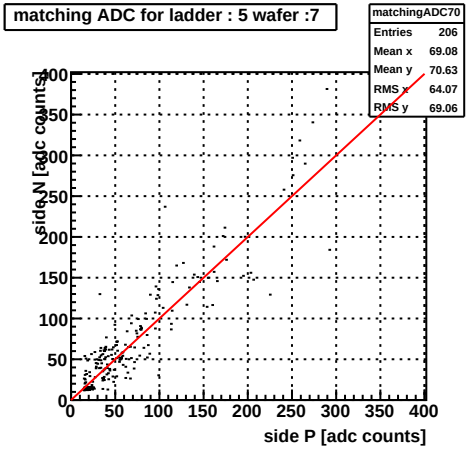

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 86
Mean x 88.98
Mean y 93.72
RMS x 59.9
RMS y 68.7
side N [adc counts]
side P [adc counts]

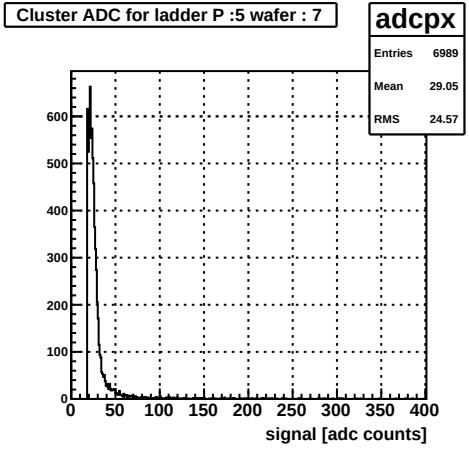

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11362
Mean 31.45
RMS 20.77
signal [adc counts]

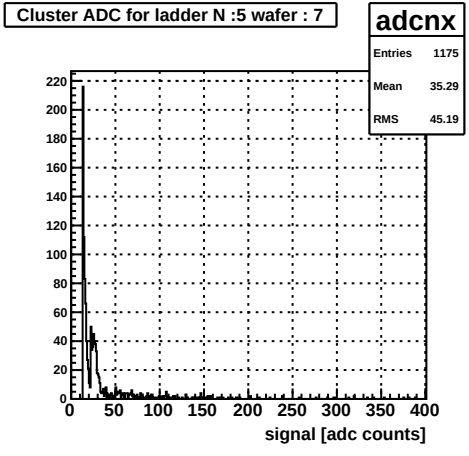

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 168
Mean 102.3
RMS 73.39
signal [adc counts]

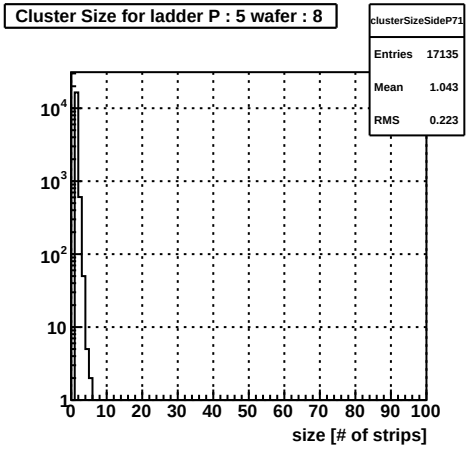

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 6989
Mean 1.056
RMS 0.2571
size [# of strips]

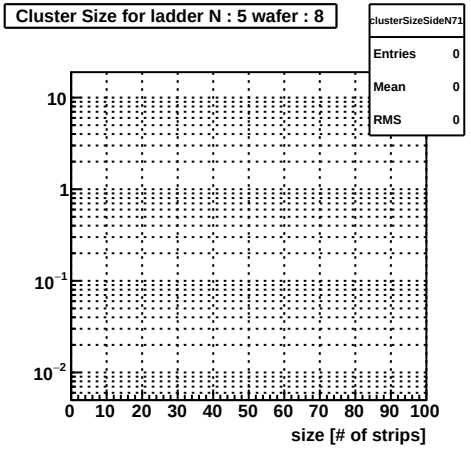

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1175
Mean 1.137
RMS 0.4176
size [# of strips]

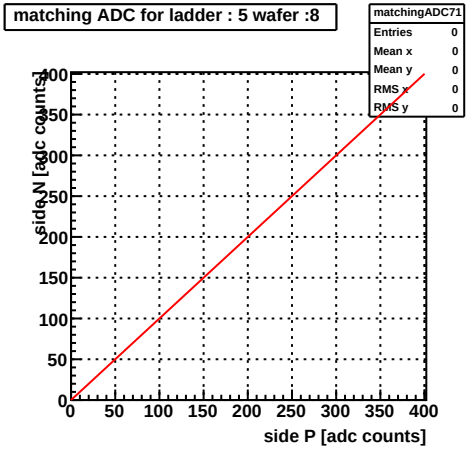

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 206
Mean x 69.08
Mean y 70.63
RMS x 64.07
RMS y 69.06
side N [adc counts]
side P [adc counts]

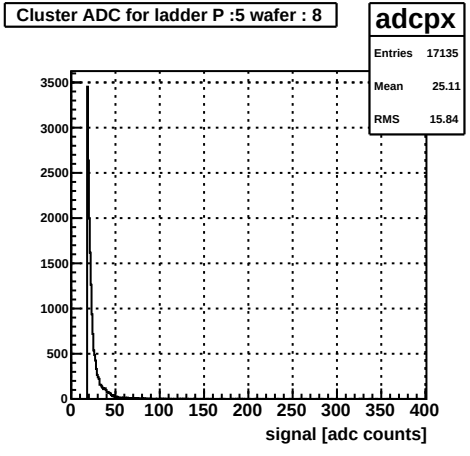

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 6989
Mean 29.05
RMS 24.57
signal [adc counts]

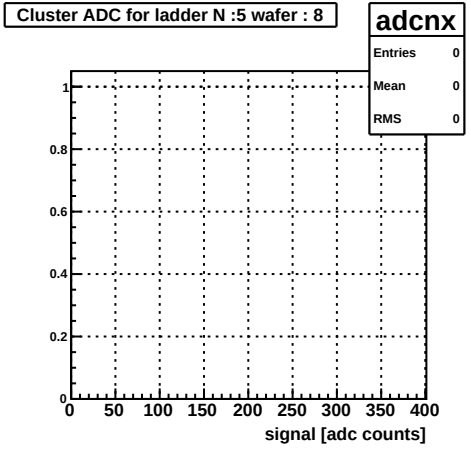

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1175
Mean 35.29
RMS 45.19
signal [adc counts]

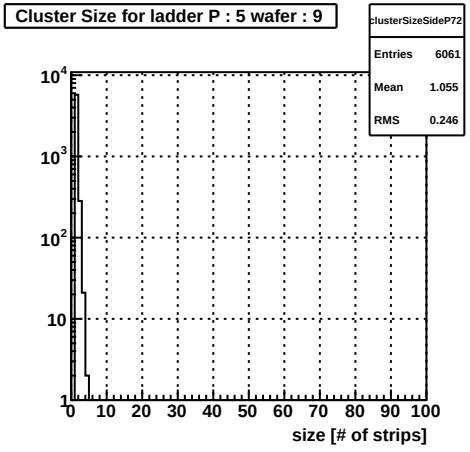

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 17135
Mean 1.043
RMS 0.223
size [# of strips]

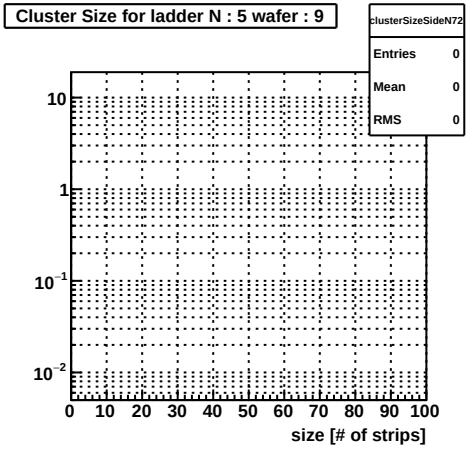

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

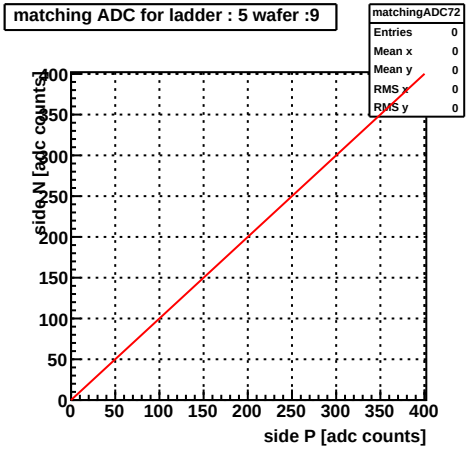

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

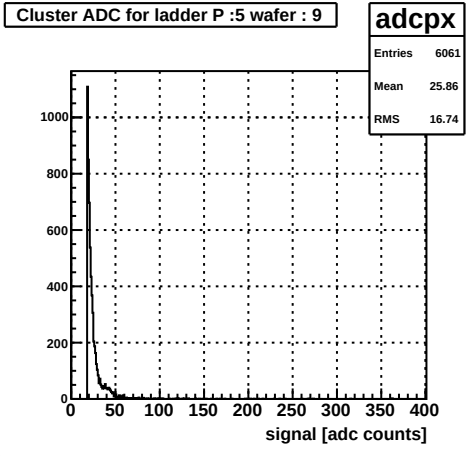

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 17135
Mean 25.11
RMS 15.84
signal [adc counts]

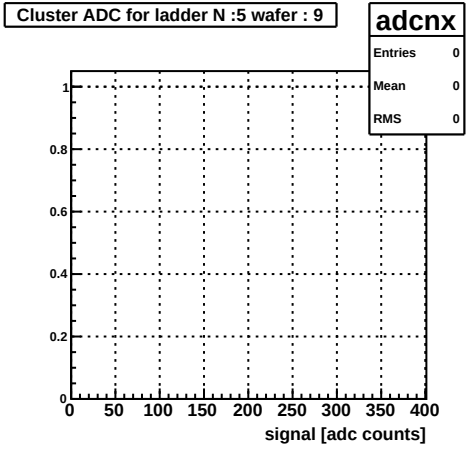

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

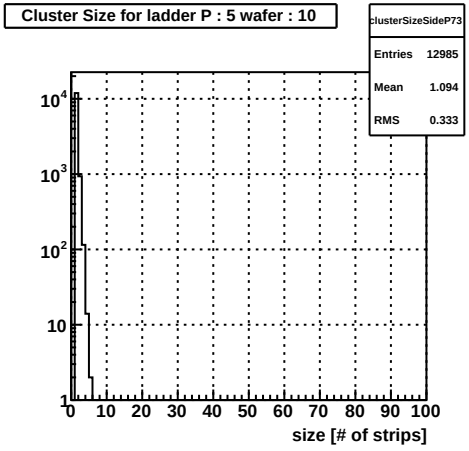

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 6061
Mean 1.055
RMS 0.246
size [# of strips]

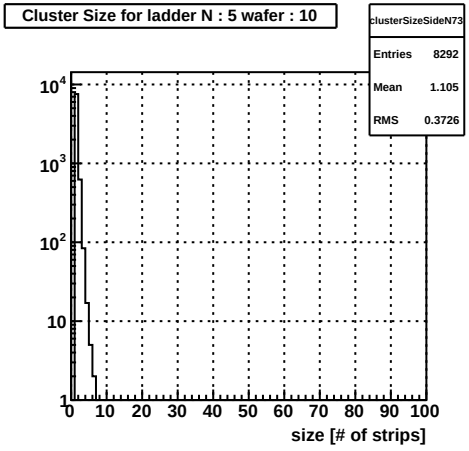

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

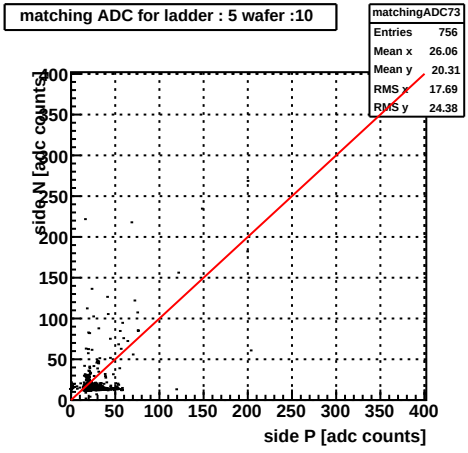

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

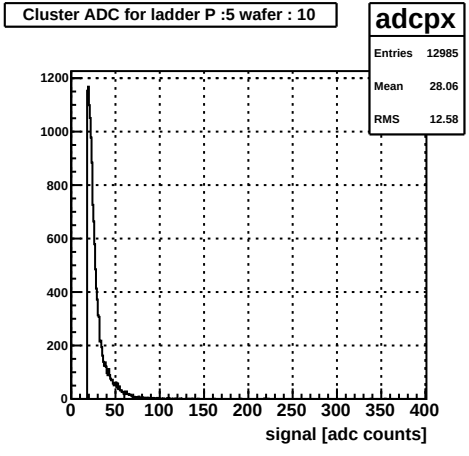

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 6061
Mean 25.86
RMS 16.74
signal [adc counts]

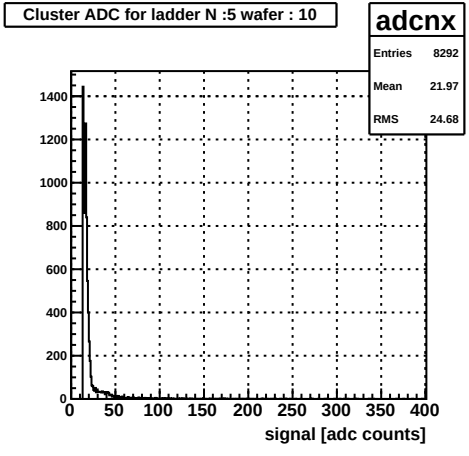

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

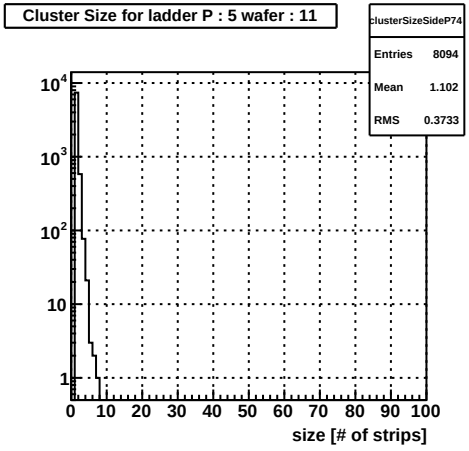

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 12985
Mean 1.094
RMS 0.333
size [# of strips]

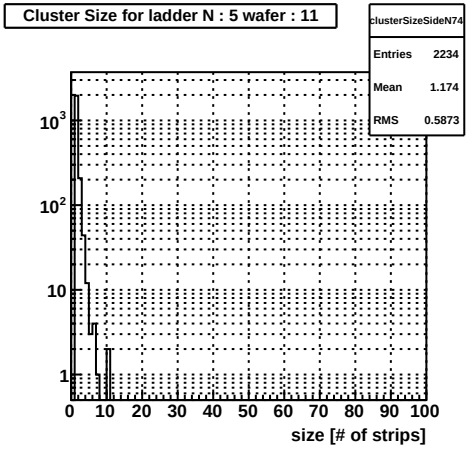

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 8292
Mean 1.105
RMS 0.3726
size [# of strips]

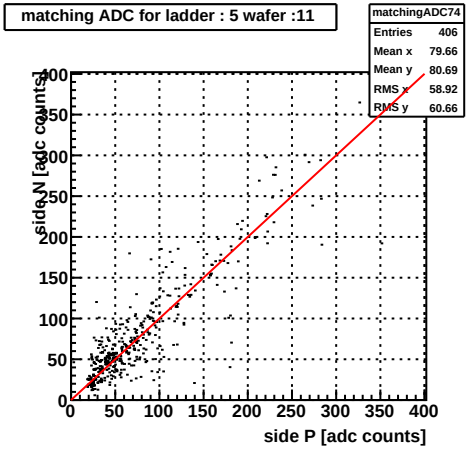

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 756
Mean x 26.06
Mean y 20.31
RMS x 17.69
RMS y 24.38
side N [adc counts]
side P [adc counts]

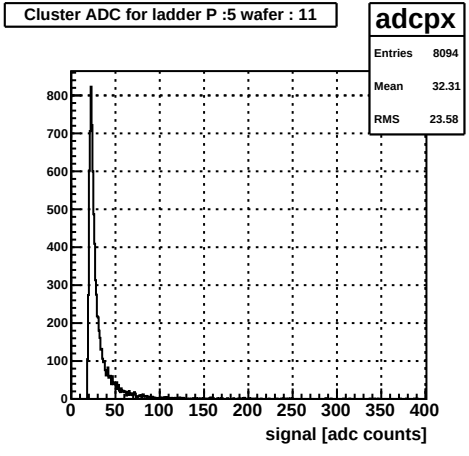

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 12985
Mean 28.06
RMS 12.58
signal [adc counts]

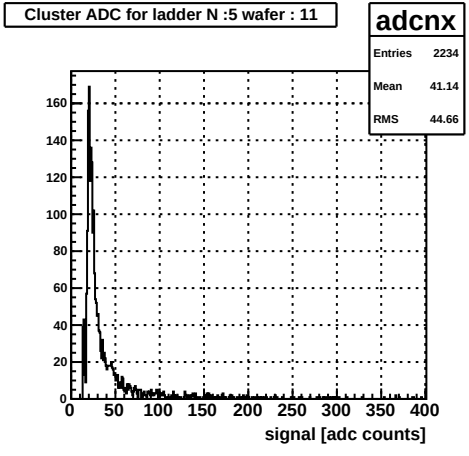

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 8292
Mean 21.97
RMS 24.68
signal [adc counts]

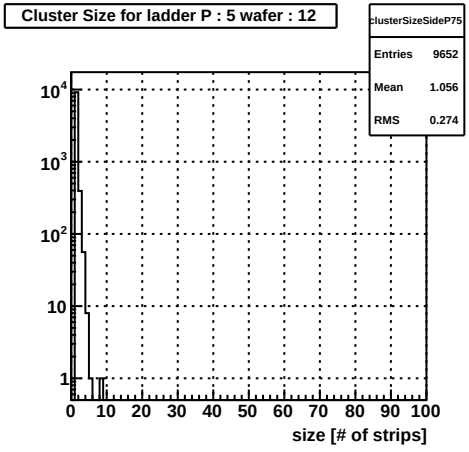

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 8094
Mean 1.102
RMS 0.3733
size [# of strips]

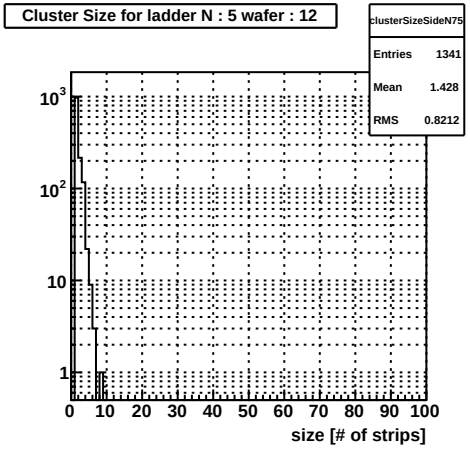

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2234
Mean 1.174
RMS 0.5873
size [# of strips]

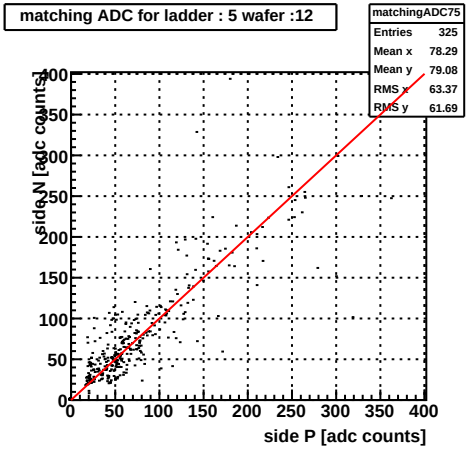

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 406
Mean x 79.66
Mean y 80.69
RMS x 58.92
RMS y 60.66
side N [adc counts]
side P [adc counts]

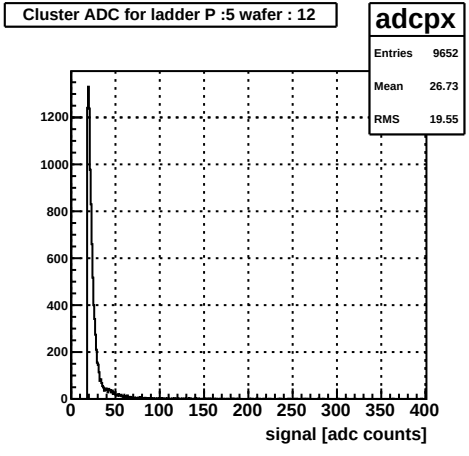

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 8094
Mean 32.31
RMS 23.58
signal [adc counts]

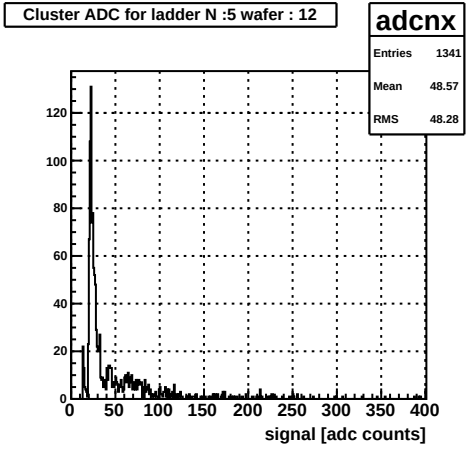

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2234
Mean 41.14
RMS 44.66
signal [adc counts]

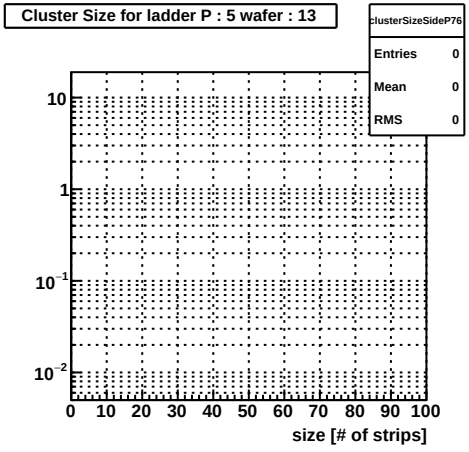

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9652
Mean 1.056
RMS 0.274
size [# of strips]

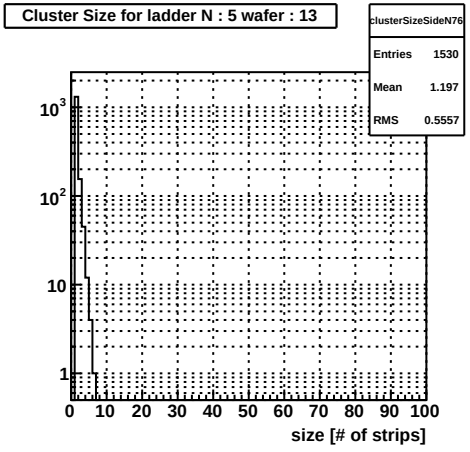

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1341
Mean 1.428
RMS 0.8212
size [# of strips]

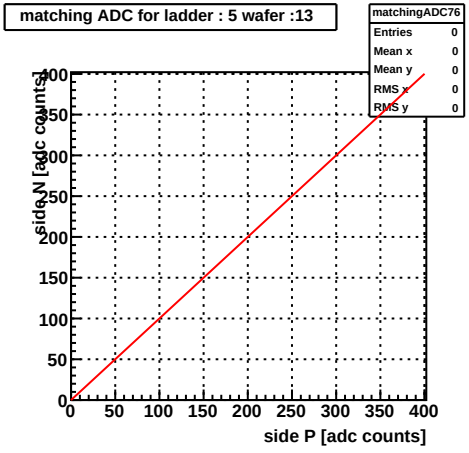

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 325
Mean x 78.29
Mean y 79.08
RMS x 63.37
RMS y 61.69
side N [adc counts]
side P [adc counts]

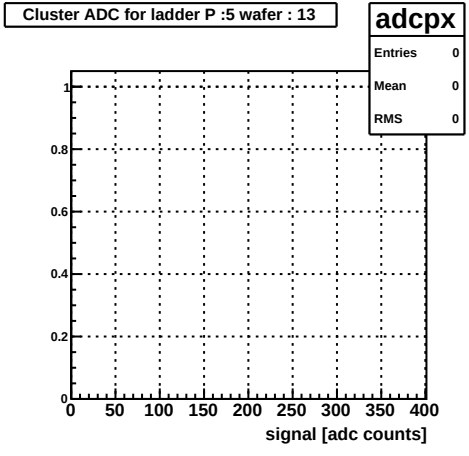

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9652
Mean 26.73
RMS 19.55
signal [adc counts]

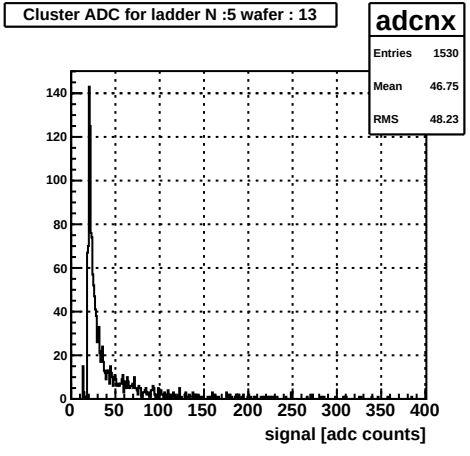

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1341
Mean 48.57
RMS 48.28
signal [adc counts]

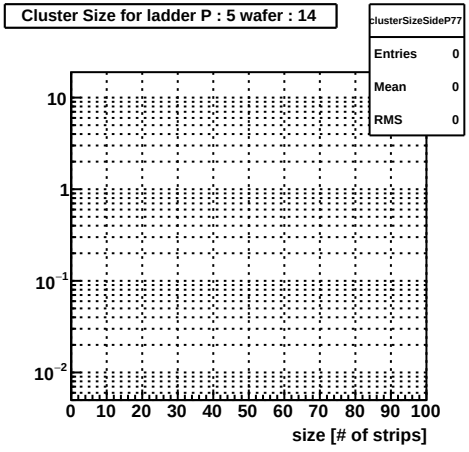

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

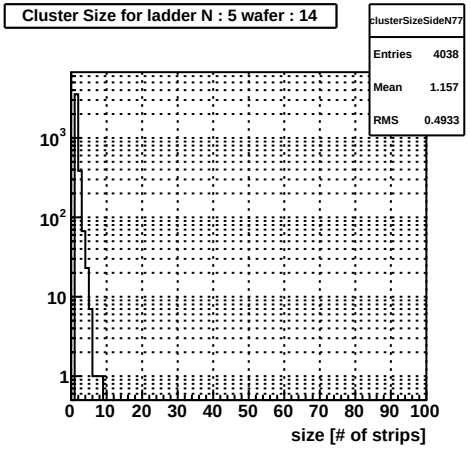

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1530
Mean 1.197
RMS 0.5557
size [# of strips]

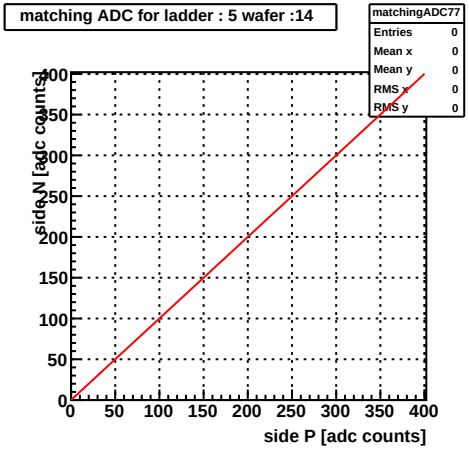

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

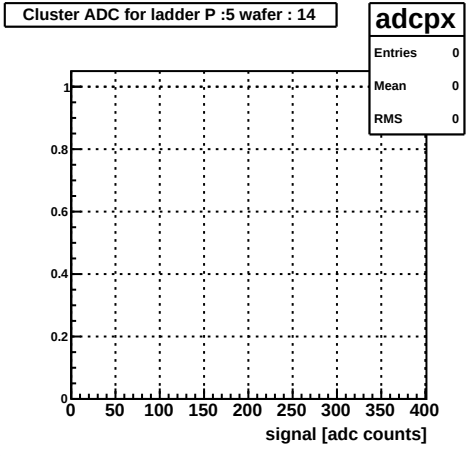

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

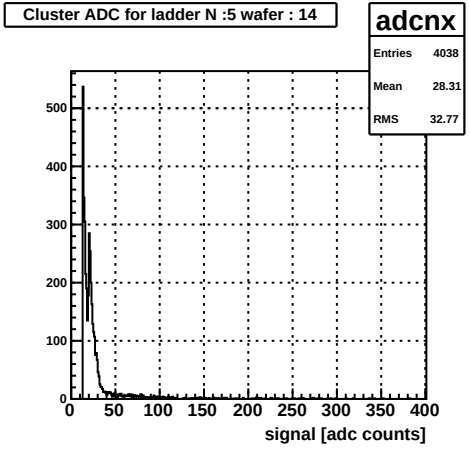

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1530
Mean 46.75
RMS 48.23
signal [adc counts]

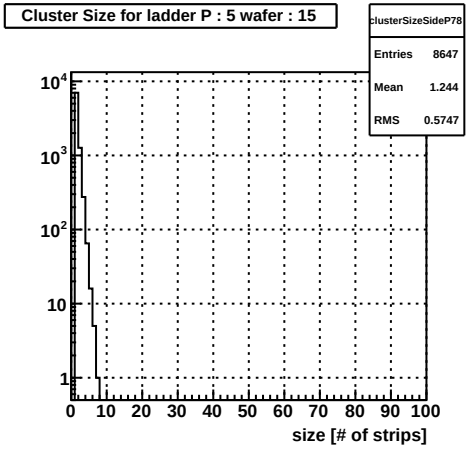

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

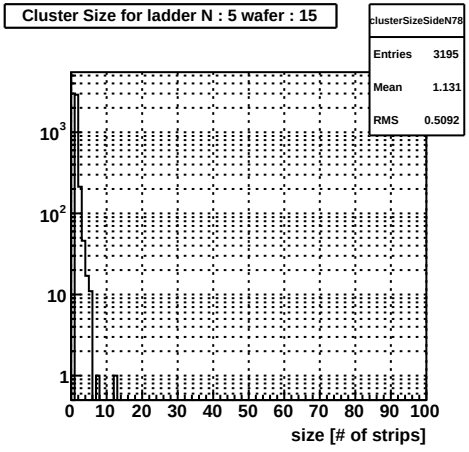

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 4038
Mean 1.157
RMS 0.4933
size [# of strips]

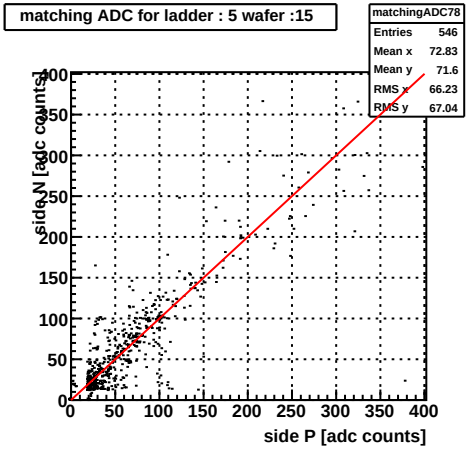

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

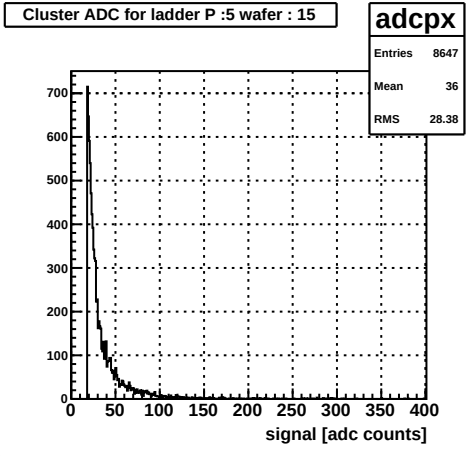

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

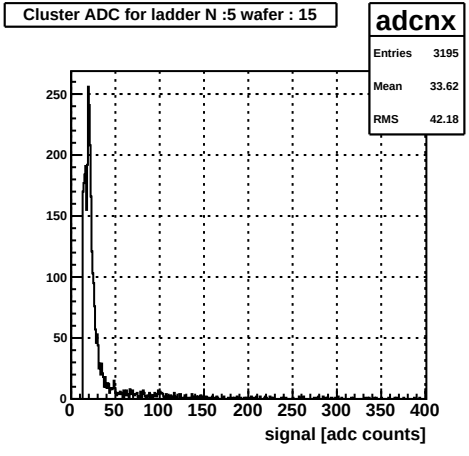

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 4038
Mean 28.31
RMS 32.77
signal [adc counts]

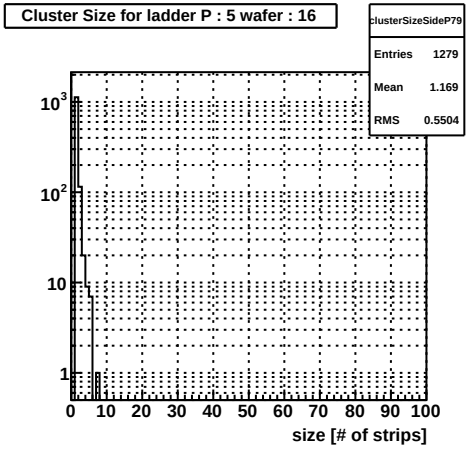

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 8647
Mean 1.244
RMS 0.5747
size [# of strips]

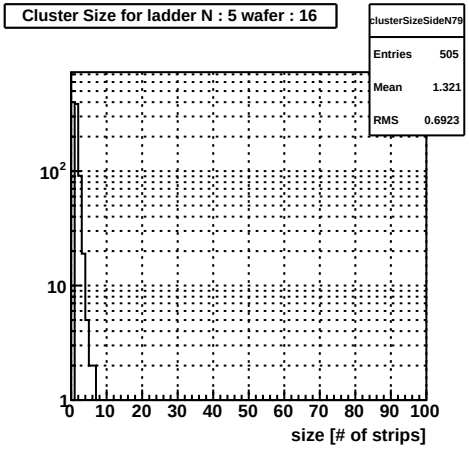

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3195
Mean 1.131
RMS 0.5092
size [# of strips]

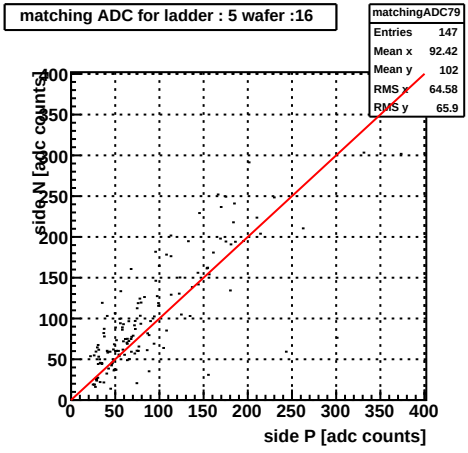

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 546
Mean x 72.83
Mean y 71.6
RMS x 66.23
RMS y 67.04
side N [adc counts]
side P [adc counts]

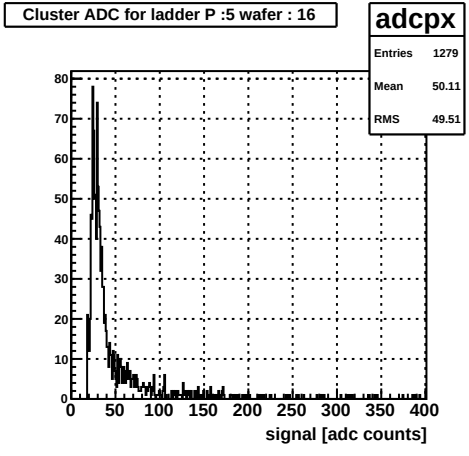

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 8647
Mean 36
RMS 28.38
signal [adc counts]

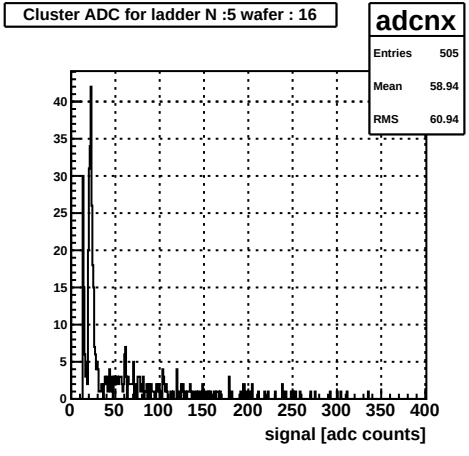

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3195
Mean 33.62
RMS 42.18
signal [adc counts]

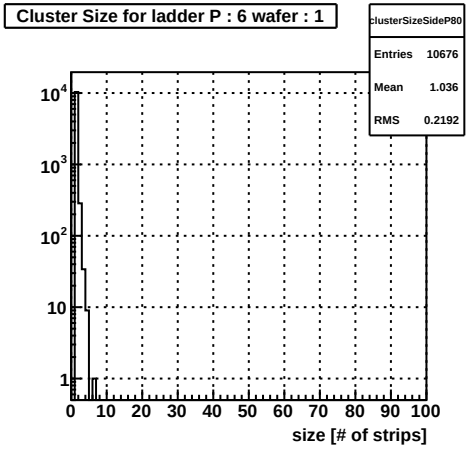

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1279
Mean 1.169
RMS 0.5504
size [# of strips]

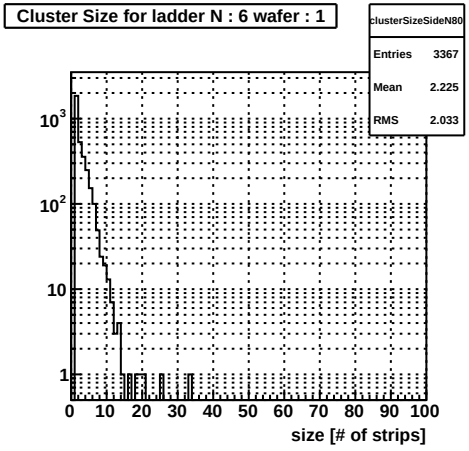

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 505
Mean 1.321
RMS 0.6923
size [# of strips]

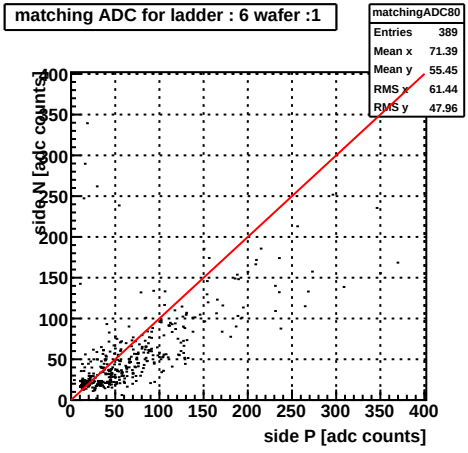

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 147
Mean x 92.42
Mean y 102
RMS x 64.58
RMS y 65.9
side N [adc counts]
side P [adc counts]

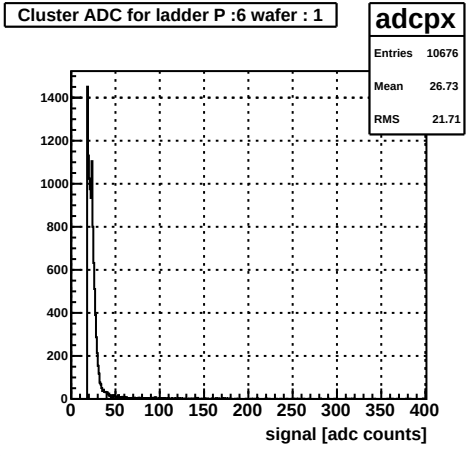

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1279
Mean 50.11
RMS 49.51
signal [adc counts]

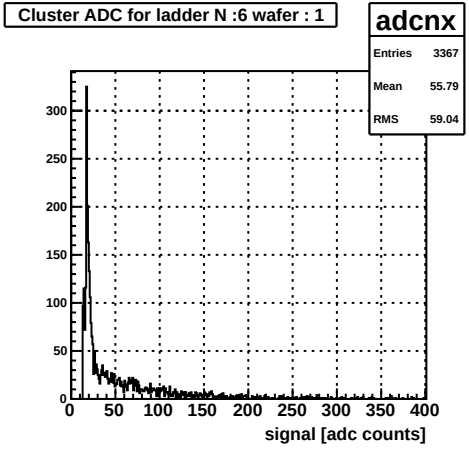

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 505
Mean 58.94
RMS 60.94
signal [adc counts]

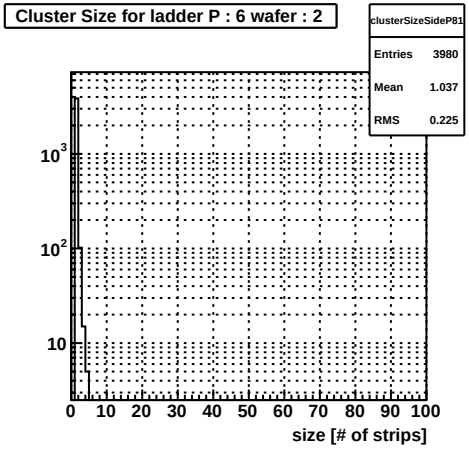

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10676
Mean 1.036
RMS 0.2192
size [# of strips]

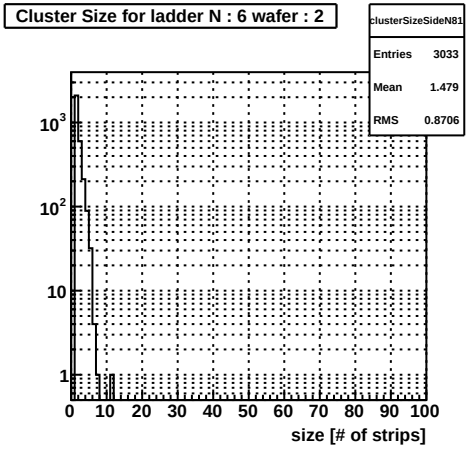

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3367
Mean 2.225
RMS 2.033
size [# of strips]

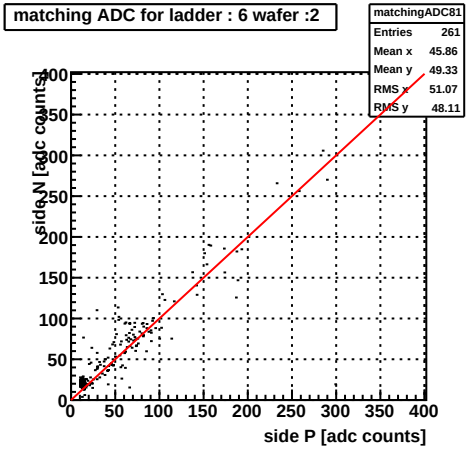

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 389
Mean x 71.39
Mean y 55.45
RMS x 61.44
RMS y 47.96
side N [adc counts]
side P [adc counts]

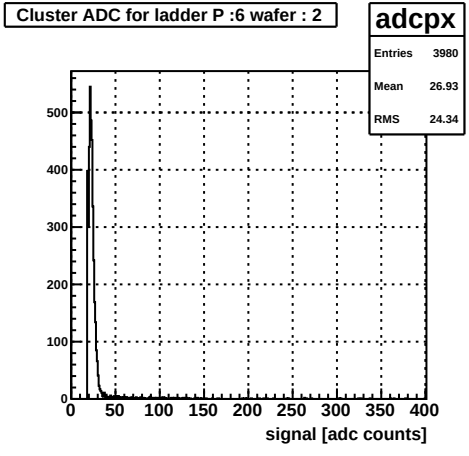

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10676
Mean 26.73
RMS 21.71
signal [adc counts]

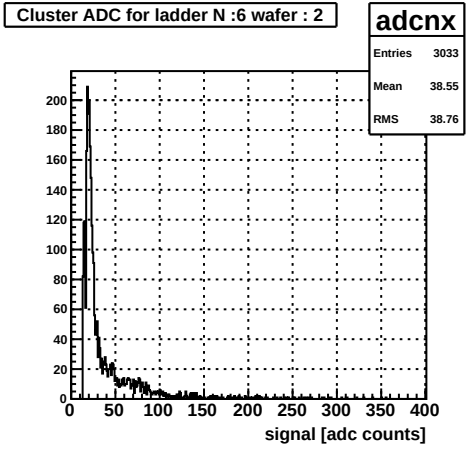

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3367
Mean 55.79
RMS 59.04
signal [adc counts]

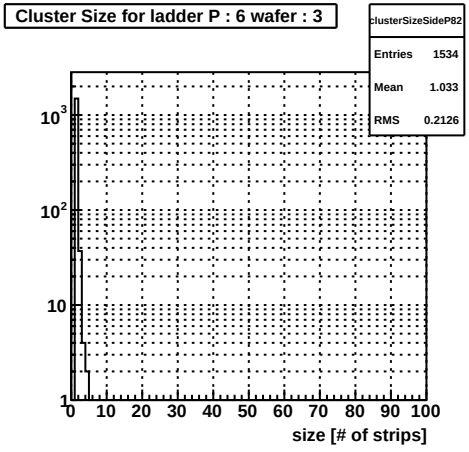

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3980
Mean 1.037
RMS 0.225
size [# of strips]

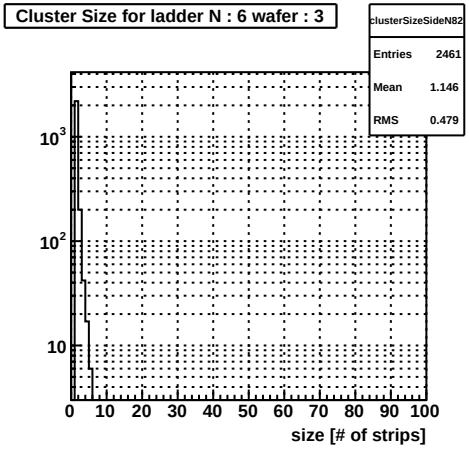

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3033
Mean 1.479
RMS 0.8706
size [# of strips]

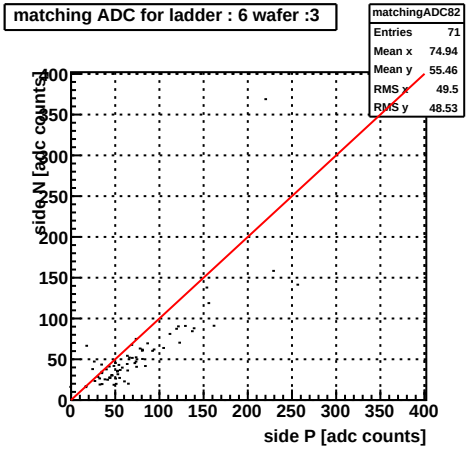

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 261
Mean x 45.86
Mean y 49.33
RMS x 51.07
RMS y 48.11
side N [adc counts]
side P [adc counts]

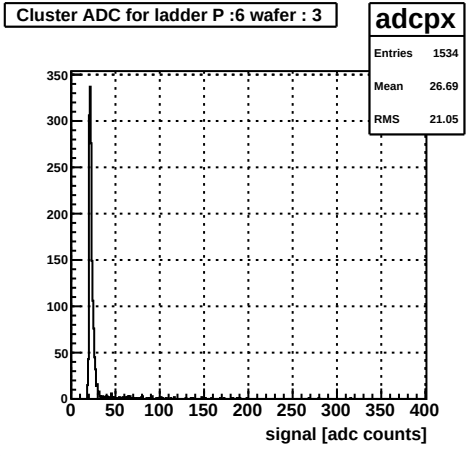

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3980
Mean 26.93
RMS 24.34
signal [adc counts]

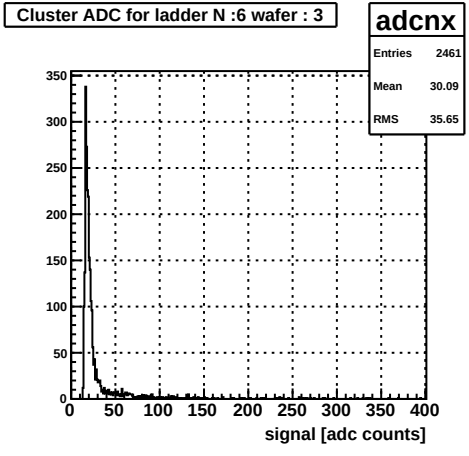

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3033
Mean 38.55
RMS 38.76
signal [adc counts]

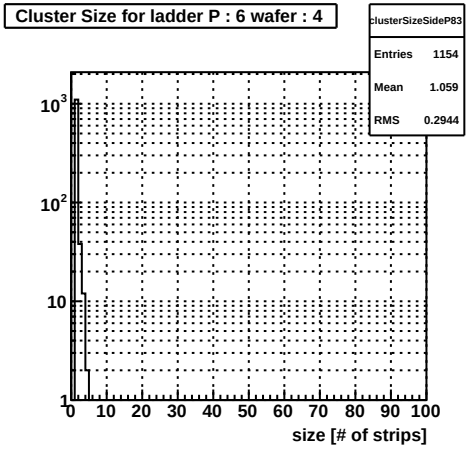

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1534
Mean 1.033
RMS 0.2126
size [# of strips]

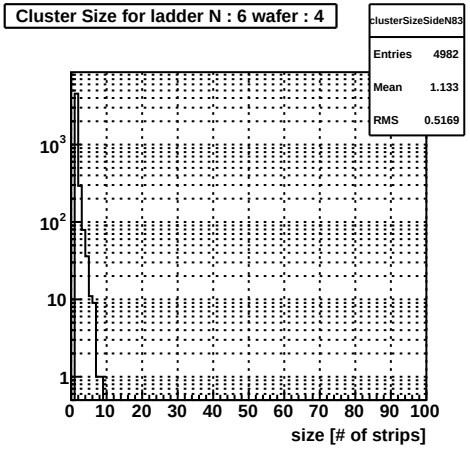

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2461
Mean 1.146
RMS 0.479
size [# of strips]

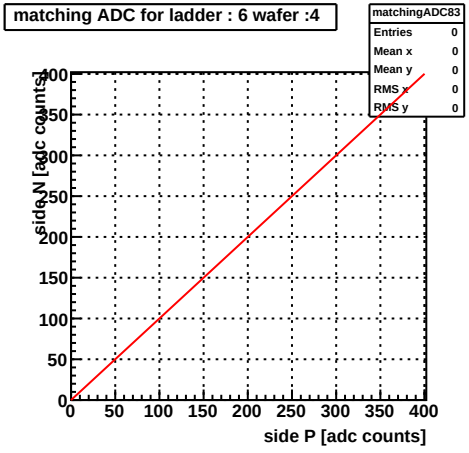

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 71
Mean x 74.94
Mean y 55.46
RMS x 49.5
RMS y 48.53
side N [adc counts]
side P [adc counts]

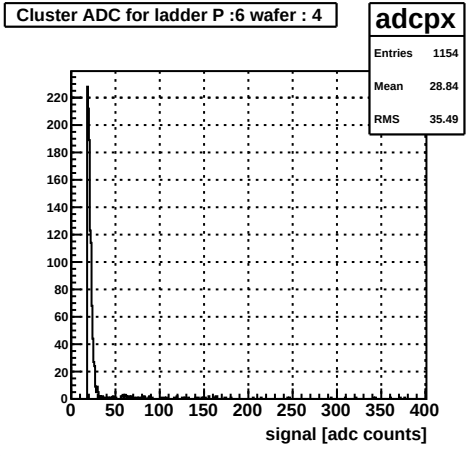

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1534
Mean 26.69
RMS 21.05
signal [adc counts]

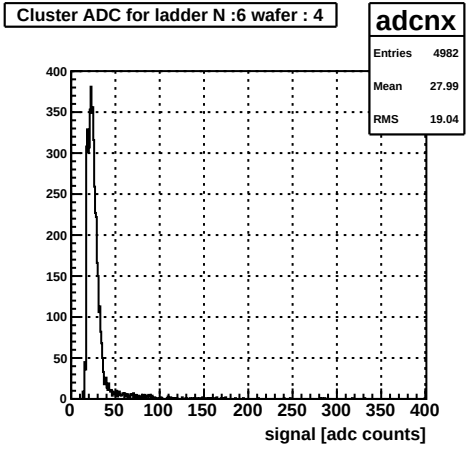

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2461
Mean 30.09
RMS 35.65
signal [adc counts]

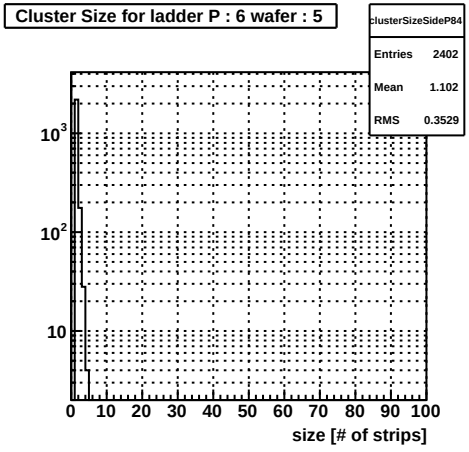

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1154
Mean 1.059
RMS 0.2944
size [# of strips]

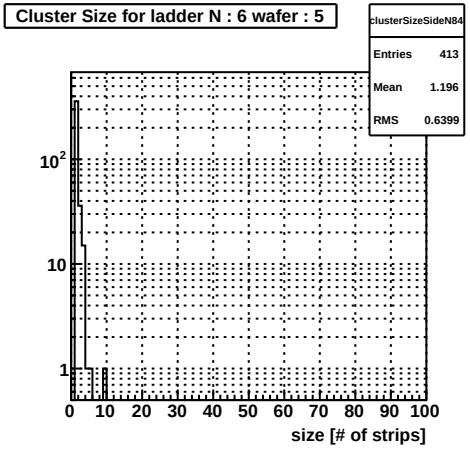

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 4982
Mean 1.133
RMS 0.5169
size [# of strips]

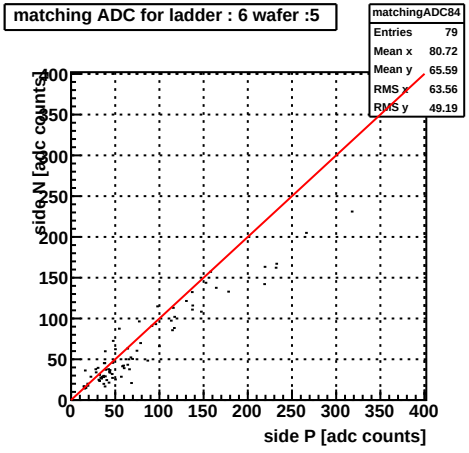

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

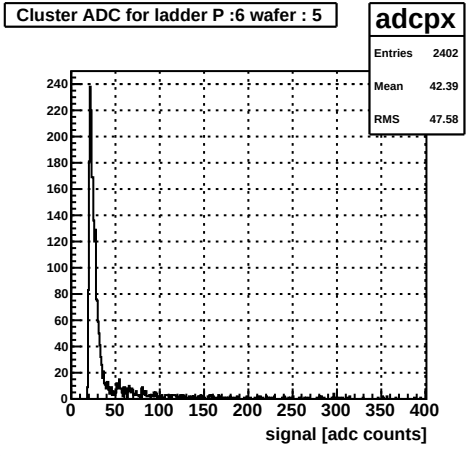

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1154
Mean 28.84
RMS 35.49
signal [adc counts]

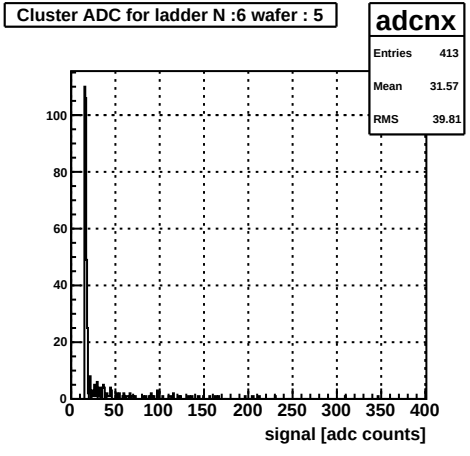

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 4982
Mean 27.99
RMS 19.04
signal [adc counts]

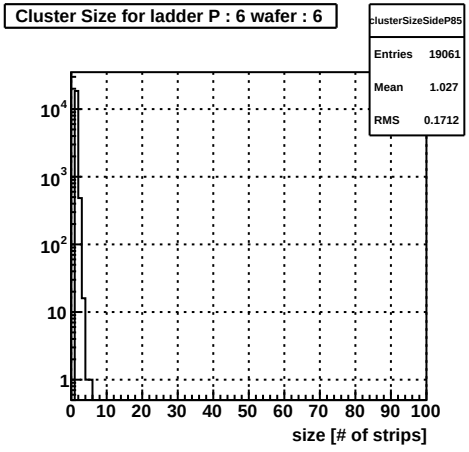

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2402
Mean 1.102
RMS 0.3529
size [# of strips]

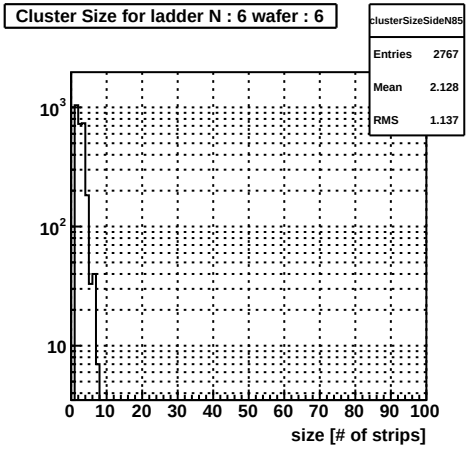

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 413
Mean 1.196
RMS 0.6399
size [# of strips]

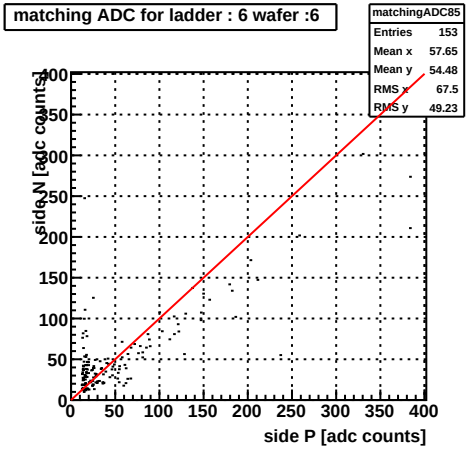

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 79
Mean x 80.72
Mean y 65.59
RMS x 63.56
RMS y 49.19
side N [adc counts]
side P [adc counts]

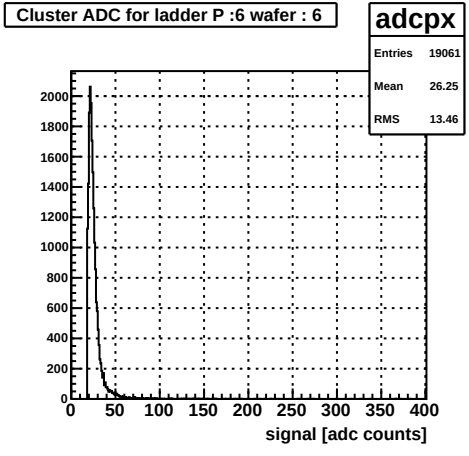

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2402
Mean 42.39
RMS 47.58
signal [adc counts]

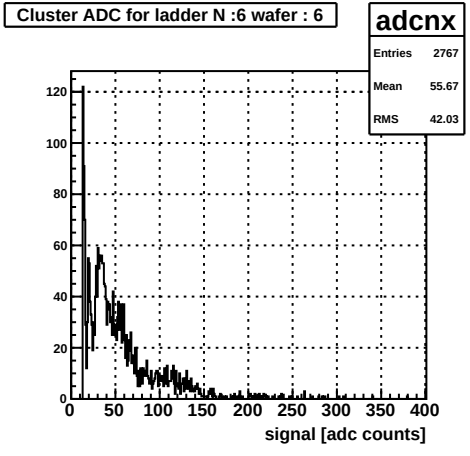

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 413
Mean 31.57
RMS 39.81
signal [adc counts]

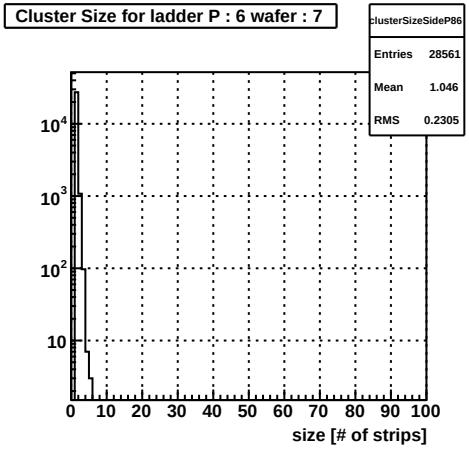

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 19061
Mean 1.027
RMS 0.1712
size [# of strips]

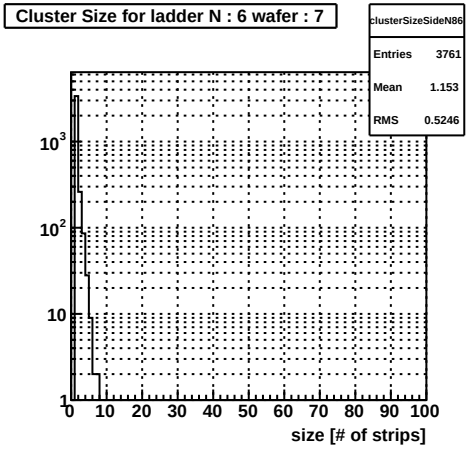

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2767
Mean 2.128
RMS 1.137
size [# of strips]

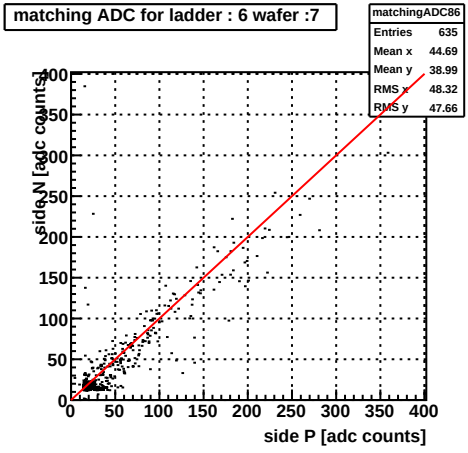

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 153
Mean x 57.65
Mean y 54.48
RMS x 67.5
RMS y 49.23
side N [adc counts]
side P [adc counts]

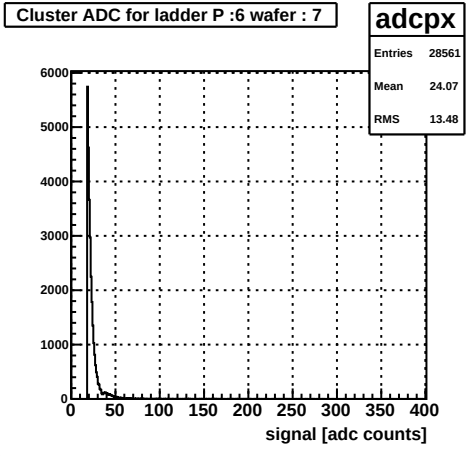

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 19061
Mean 26.25
RMS 13.46
signal [adc counts]

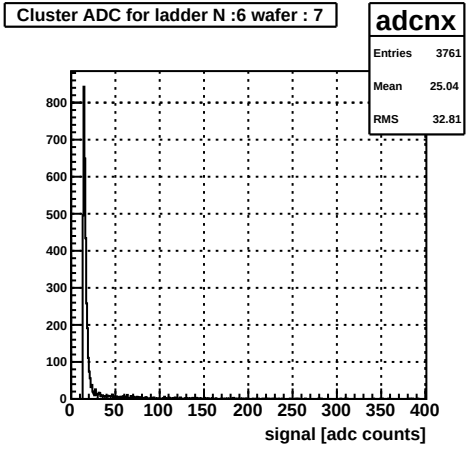

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2767
Mean 55.67
RMS 42.03
signal [adc counts]

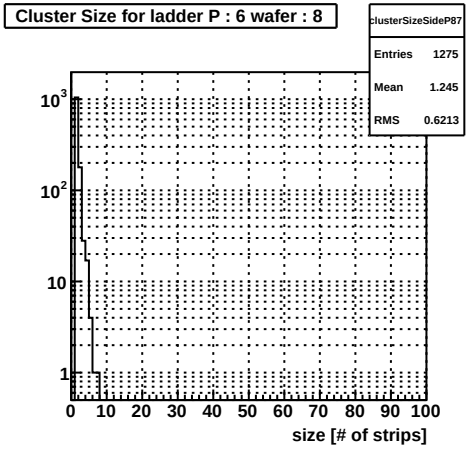

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 28561
Mean 1.046
RMS 0.2305
size [# of strips]

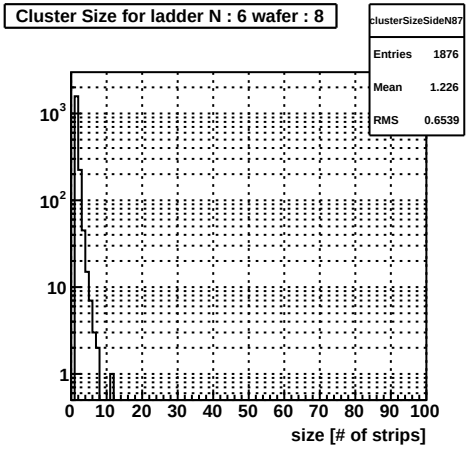

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3761
Mean 1.153
RMS 0.5246
size [# of strips]

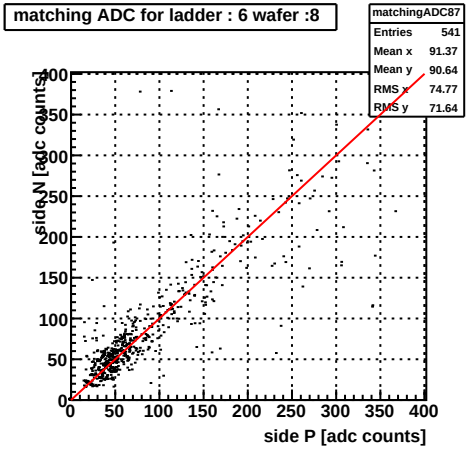

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 635
Mean x 44.69
Mean y 38.99
RMS x 48.32
RMS y 47.66
side N [adc counts]
side P [adc counts]

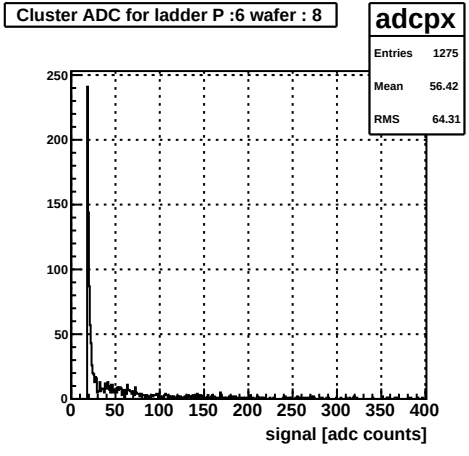

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 28561
Mean 24.07
RMS 13.48
signal [adc counts]

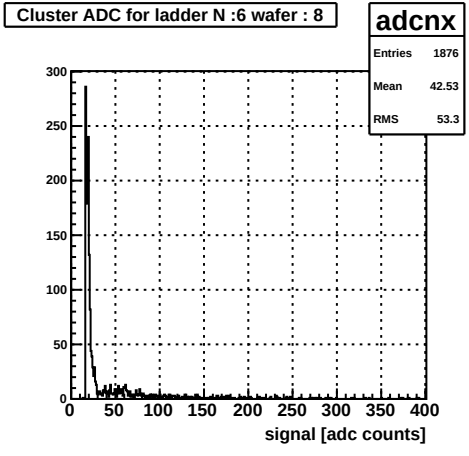

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3761
Mean 25.04
RMS 32.81
signal [adc counts]

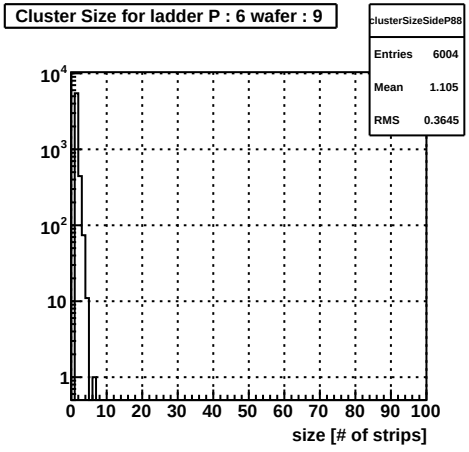

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1275
Mean 1.245
RMS 0.6213
size [# of strips]

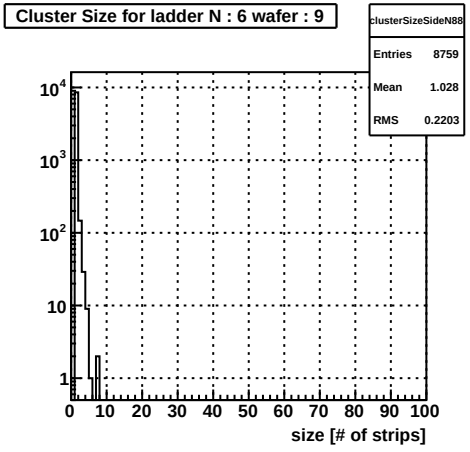

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1876
Mean 1.226
RMS 0.6539
size [# of strips]

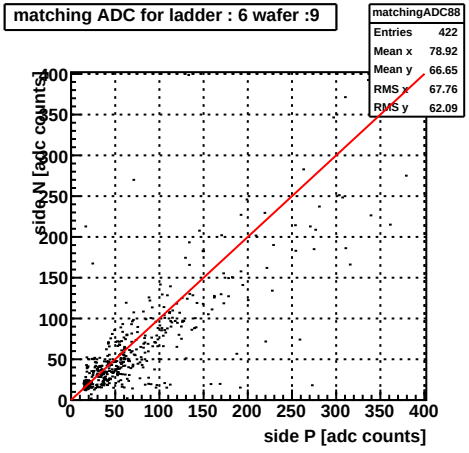

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 541
Mean x 91.37
Mean y 90.64
RMS x 74.77
RMS y 71.64
side N [adc counts]
side P [adc counts]

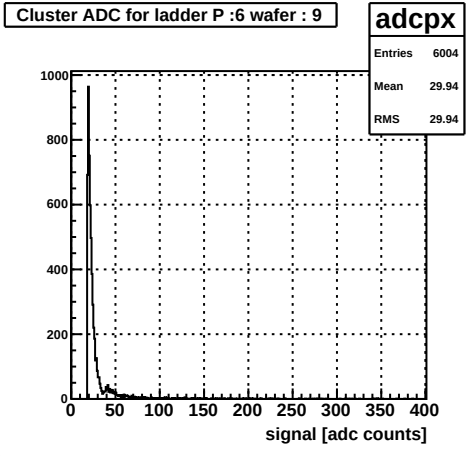

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1275
Mean 56.42
RMS 64.31
signal [adc counts]

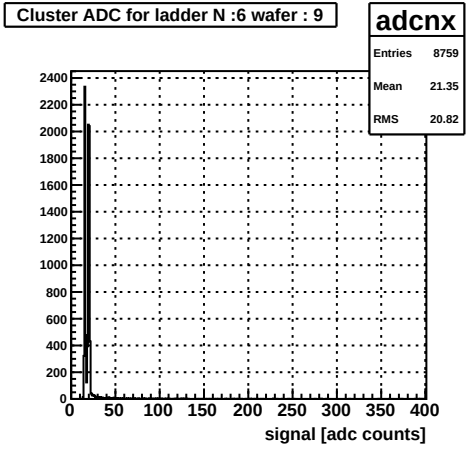

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1876
Mean 42.53
RMS 53.3
signal [adc counts]

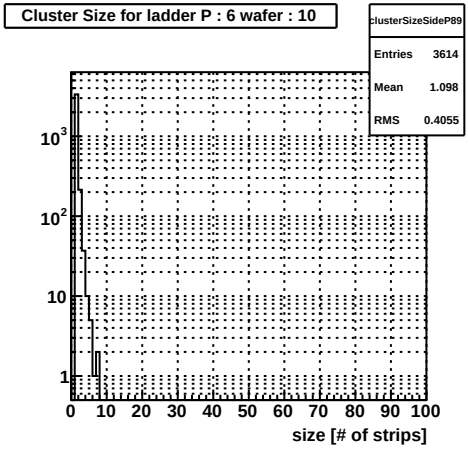

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6004
Mean 1.105
RMS 0.3645
size [# of strips]

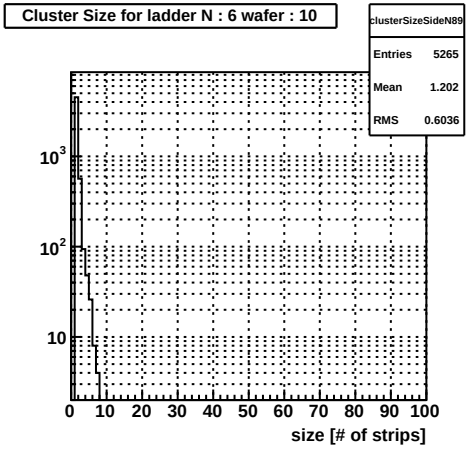

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 8759
Mean 1.028
RMS 0.2203
size [# of strips]

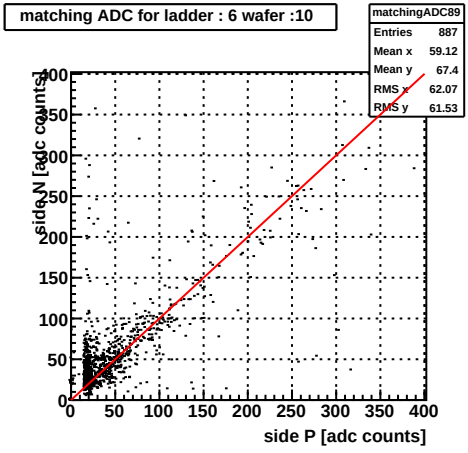

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 422
Mean x 78.92
Mean y 66.65
RMS x 67.76
RMS y 62.09
side N [adc counts]
side P [adc counts]

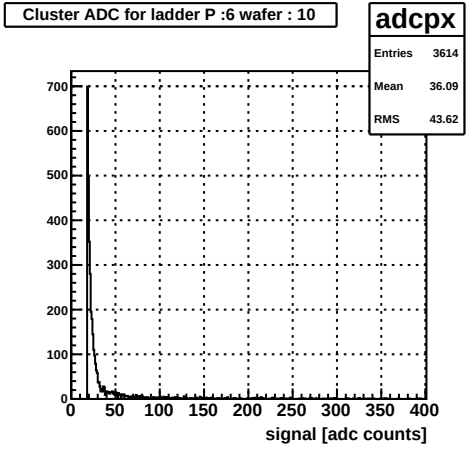

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6004
Mean 29.94
RMS 29.94
signal [adc counts]

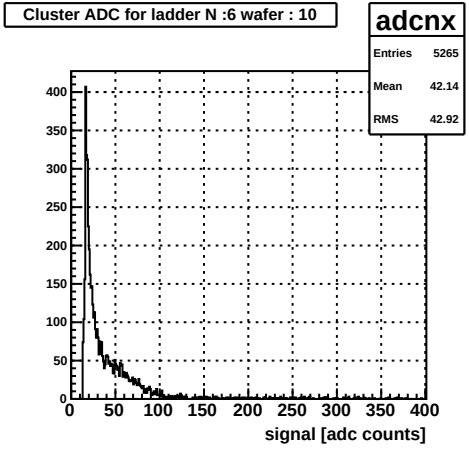

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 8759
Mean 21.35
RMS 20.82
signal [adc counts]

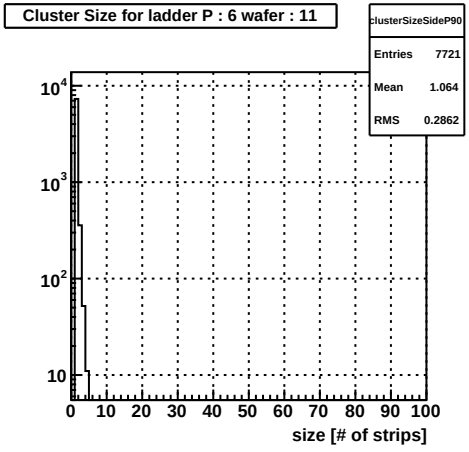

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3614
Mean 1.098
RMS 0.4055
size [# of strips]

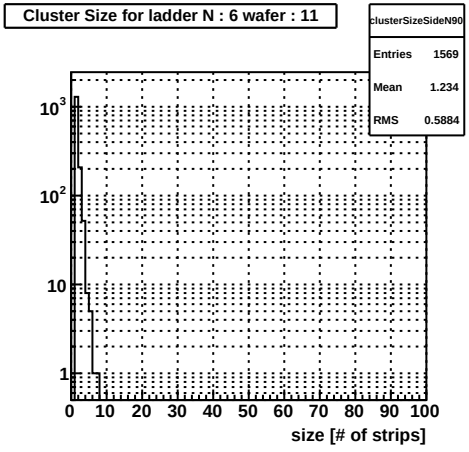

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5265
Mean 1.202
RMS 0.6036
size [# of strips]

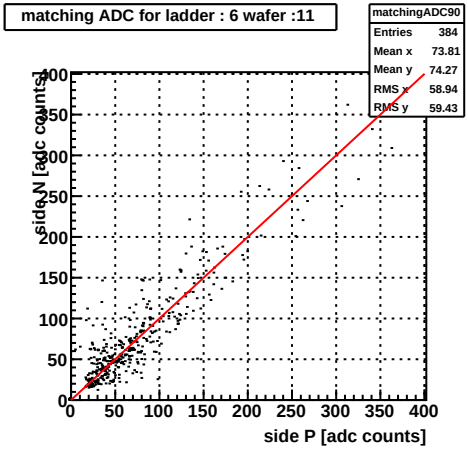

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 887
Mean x 59.12
Mean y 67.4
RMS x 62.07
RMS y 61.53
side N [adc counts]
side P [adc counts]

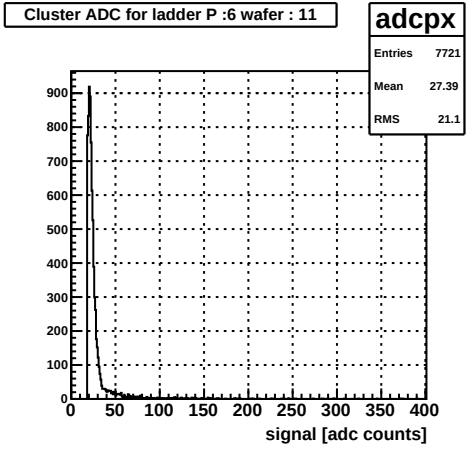

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3614
Mean 36.09
RMS 43.62
signal [adc counts]

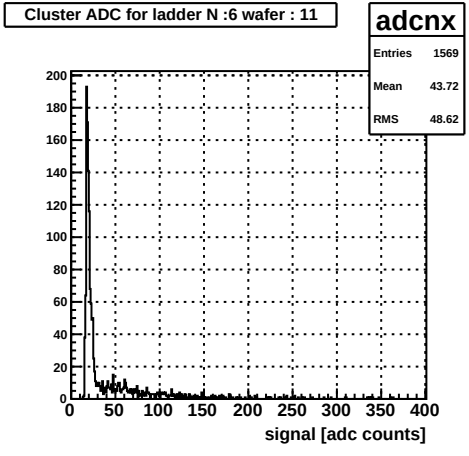

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5265
Mean 42.14
RMS 42.92
signal [adc counts]

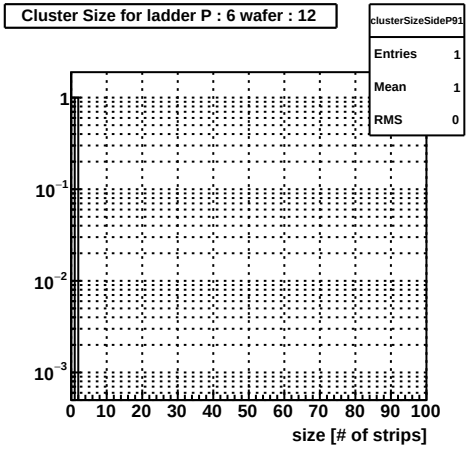

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7721
Mean 1.064
RMS 0.2862
size [# of strips]

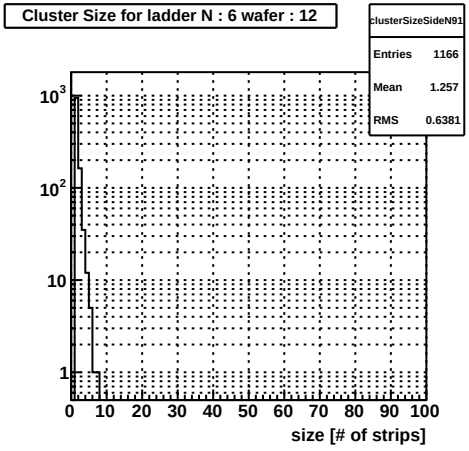

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1569
Mean 1.234
RMS 0.5884
size [# of strips]

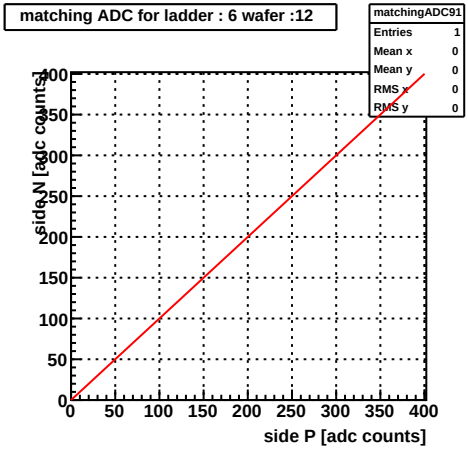

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 384
Mean x 73.81
Mean y 74.27
RMS x 58.94
RMS y 59.43
side N [adc counts]
side P [adc counts]

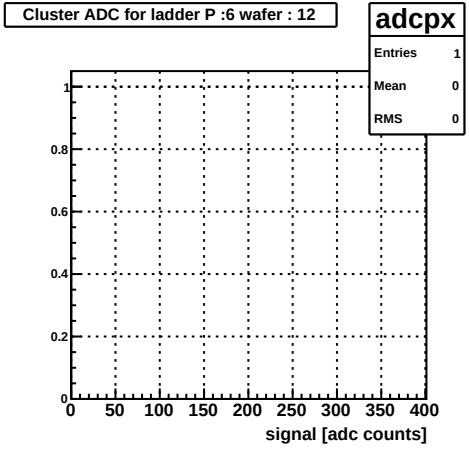

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7721
Mean 27.39
RMS 21.1
signal [adc counts]

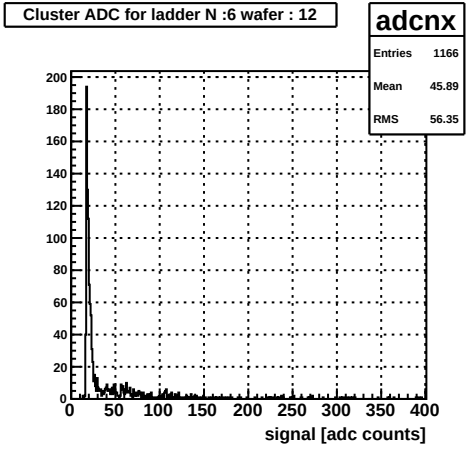

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1569
Mean 43.72
RMS 48.62
signal [adc counts]

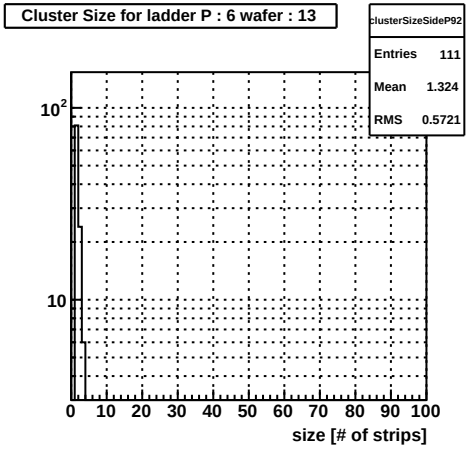

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

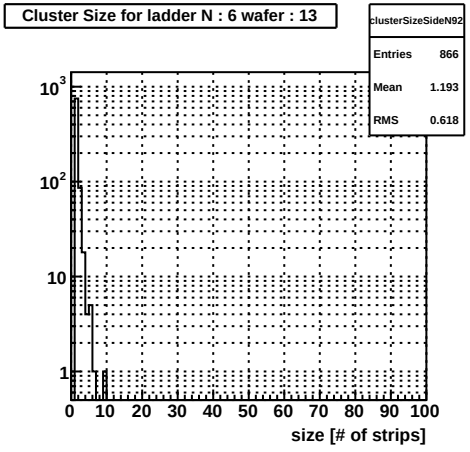

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1166
Mean 1.257
RMS 0.6381
size [# of strips]

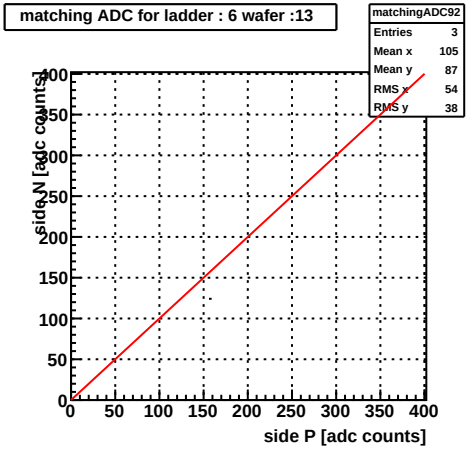

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

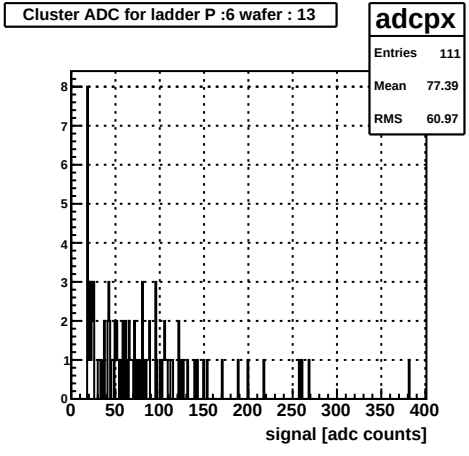

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

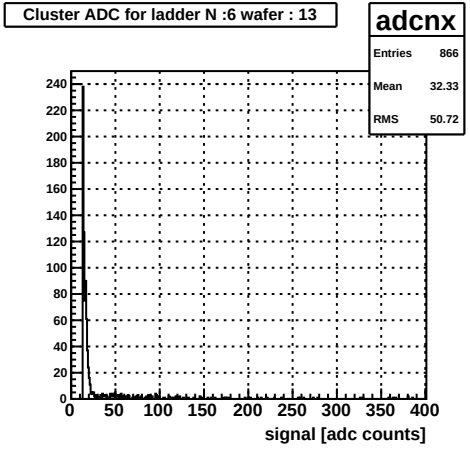

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1166
Mean 45.89
RMS 56.35
signal [adc counts]

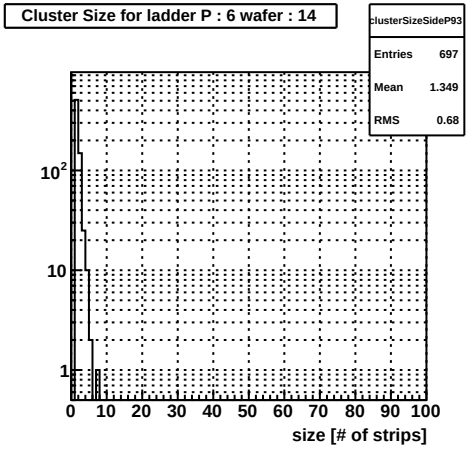

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 111
Mean 1.324
RMS 0.5721
size [# of strips]

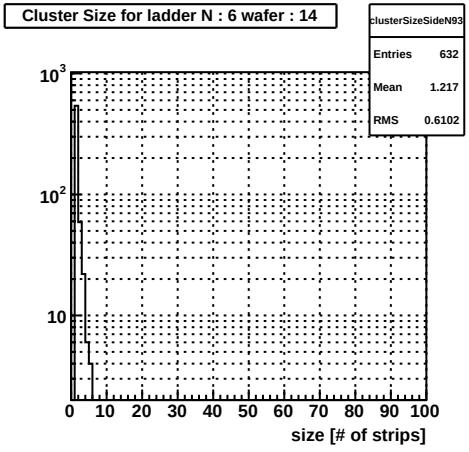

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 866
Mean 1.193
RMS 0.618
size [# of strips]

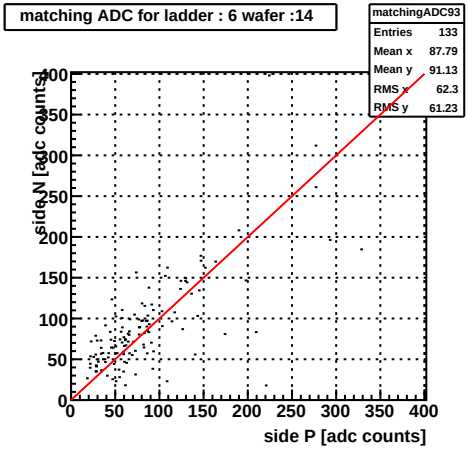

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 3
Mean x 105
Mean y 87
RMS x 54
RMS y 38
side N [adc counts]
side P [adc counts]

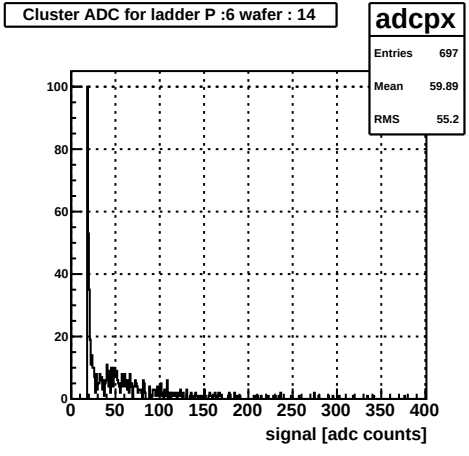

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 111
Mean 77.39
RMS 60.97
signal [adc counts]

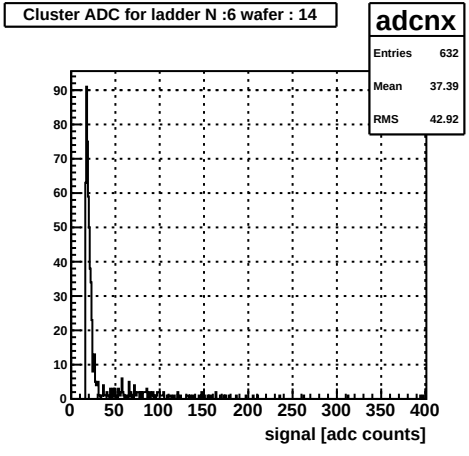

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 866
Mean 32.33
RMS 50.72
signal [adc counts]

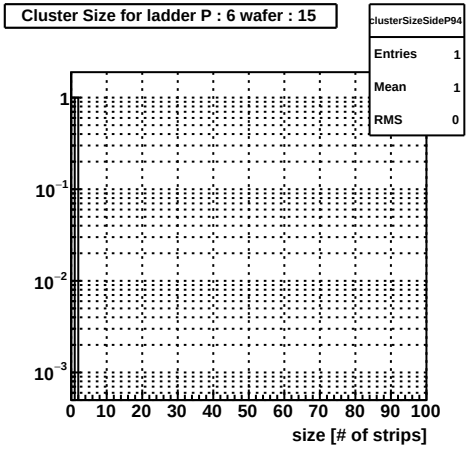

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 697
Mean 1.349
RMS 0.68
size [# of strips]

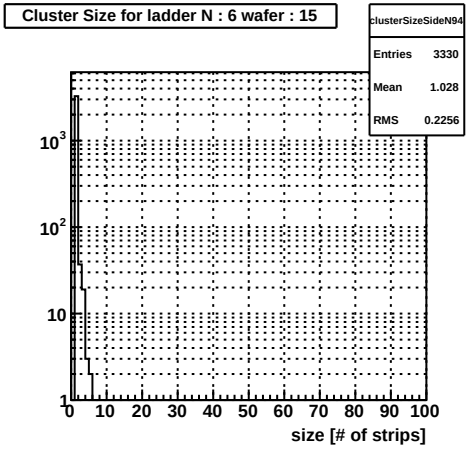

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 632
Mean 1.217
RMS 0.6102
size [# of strips]

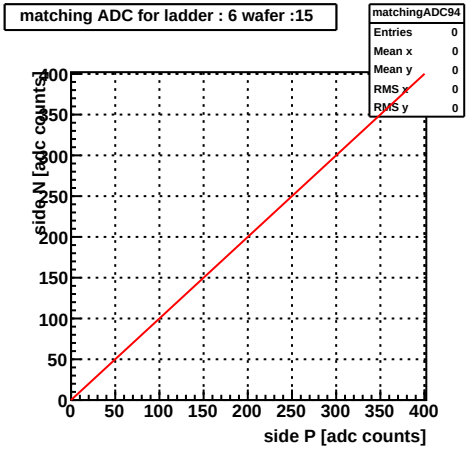

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 133
Mean x 87.79
Mean y 91.13
RMS x 62.3
RMS y 61.23
side N [adc counts]
side P [adc counts]

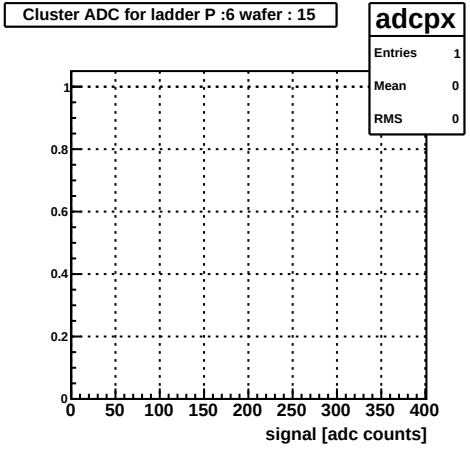

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 697
Mean 59.89
RMS 55.2
signal [adc counts]

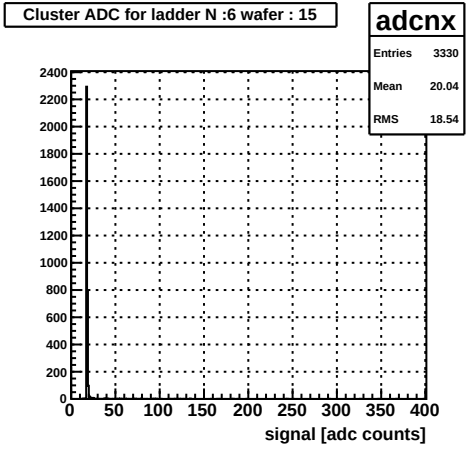

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 632
Mean 37.39
RMS 42.92
signal [adc counts]

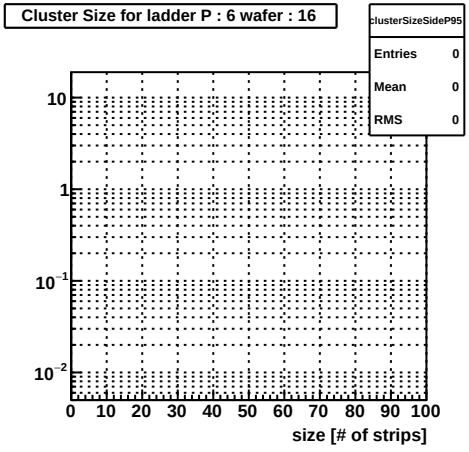

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

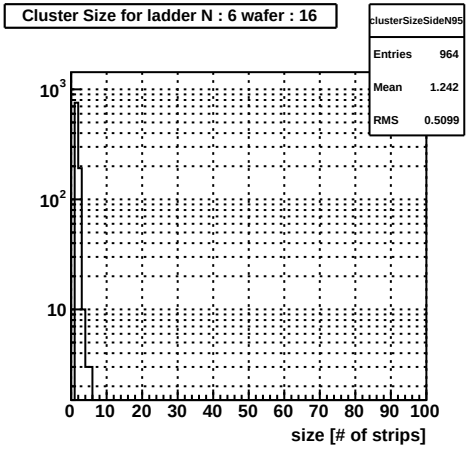

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3330
Mean 1.028
RMS 0.2256
size [# of strips]

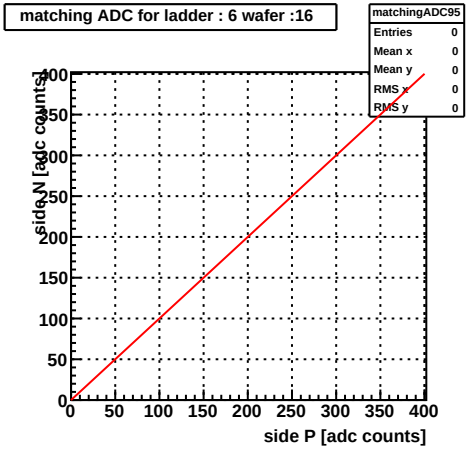

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

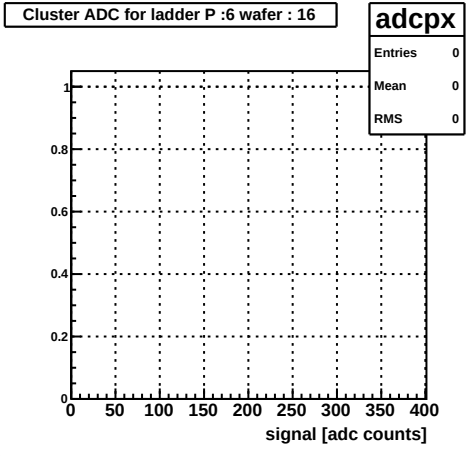

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

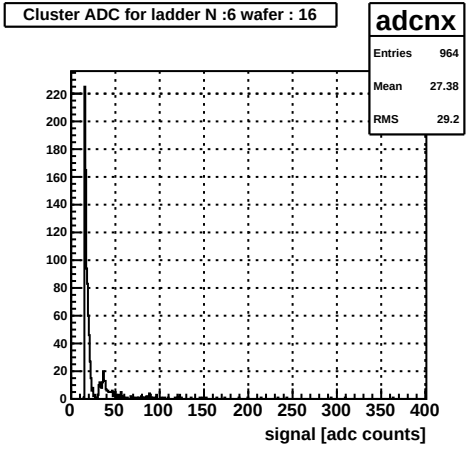

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3330
Mean 20.04
RMS 18.54
signal [adc counts]

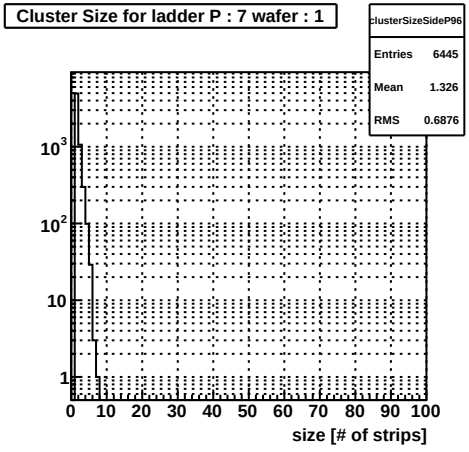

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

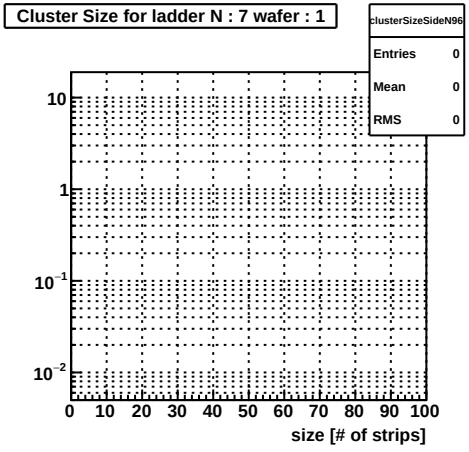

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 964
Mean 1.242
RMS 0.5099
size [# of strips]

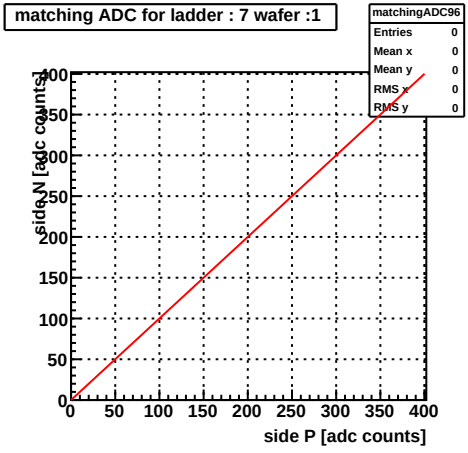

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

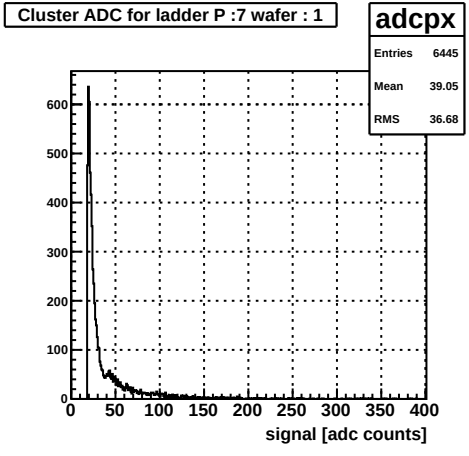

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

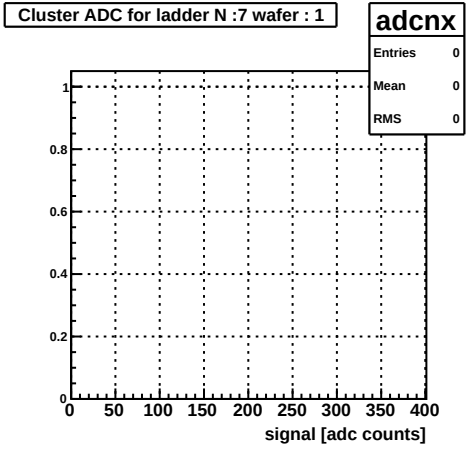

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 964
Mean 27.38
RMS 29.2
signal [adc counts]

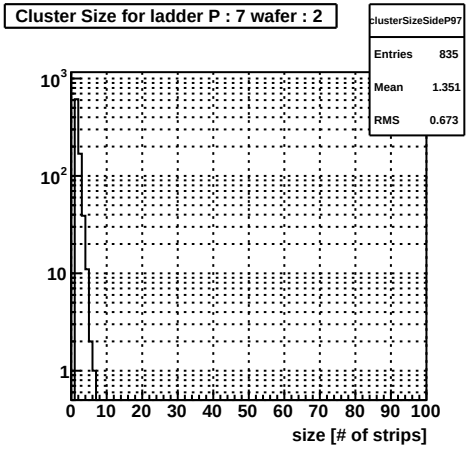

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 6445
Mean 1.326
RMS 0.6876
size [# of strips]

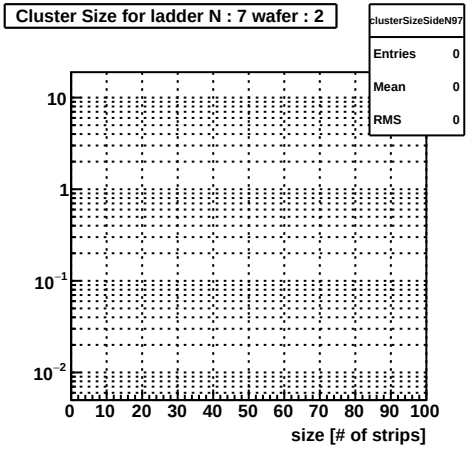

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

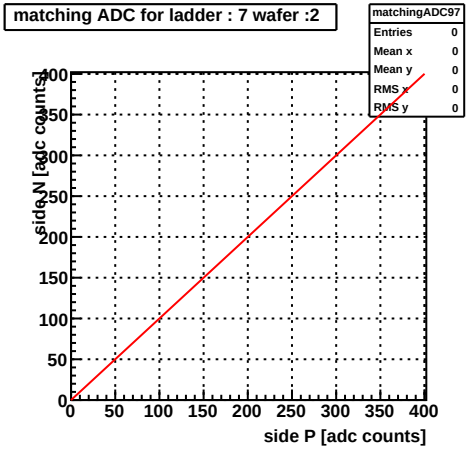

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

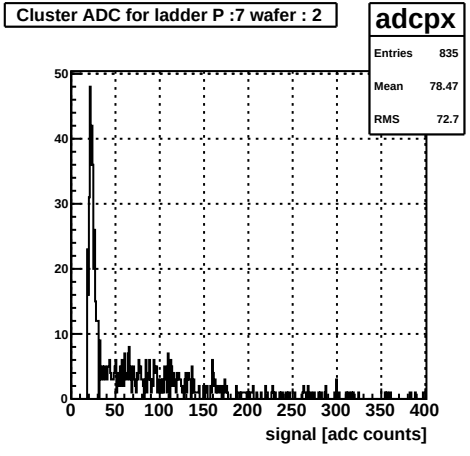

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 6445
Mean 39.05
RMS 36.68
signal [adc counts]

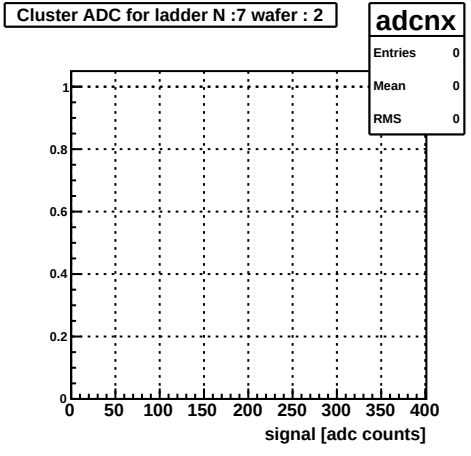

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

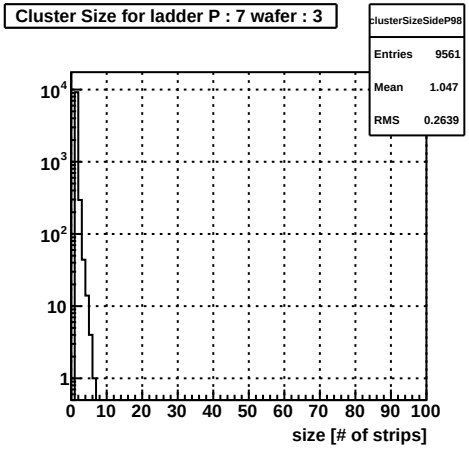

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 835
Mean 1.351
RMS 0.673
size [# of strips]

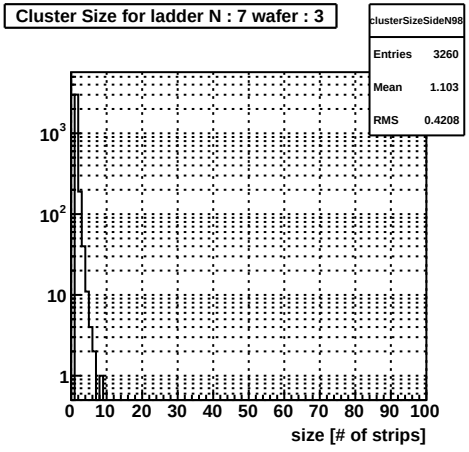

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

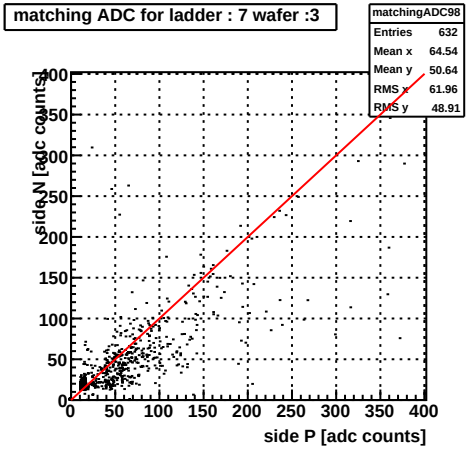

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

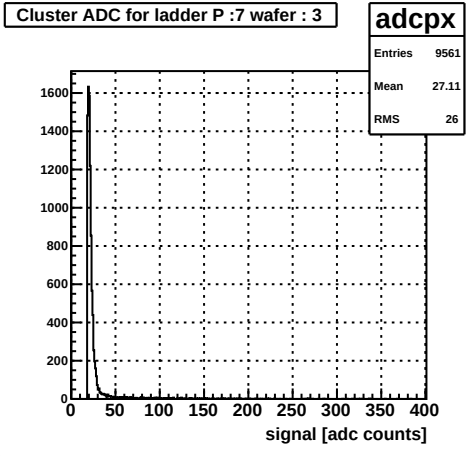

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 835
Mean 78.47
RMS 72.7
signal [adc counts]

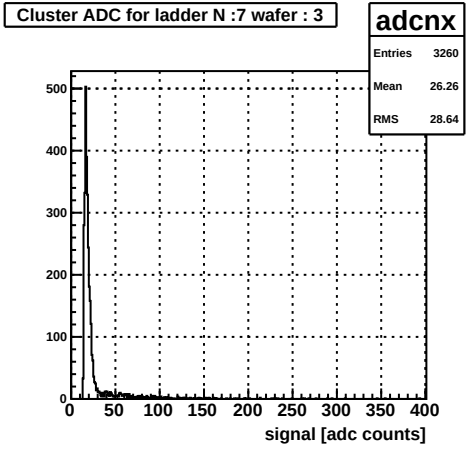

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

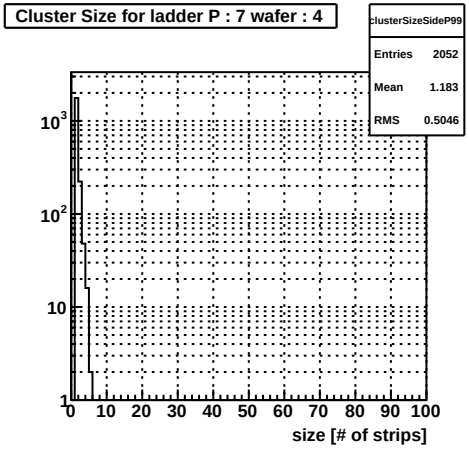

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 9561
Mean 1.047
RMS 0.2639
size [# of strips]

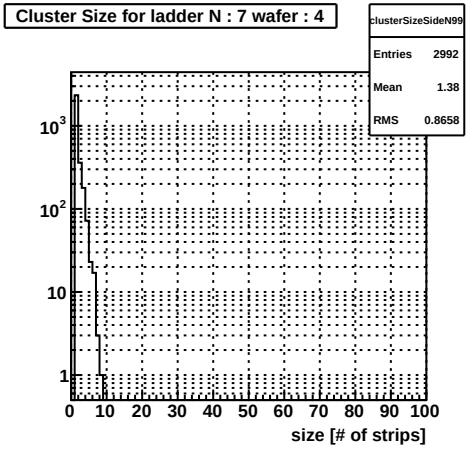

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 3260
Mean 1.103
RMS 0.4208
size [# of strips]

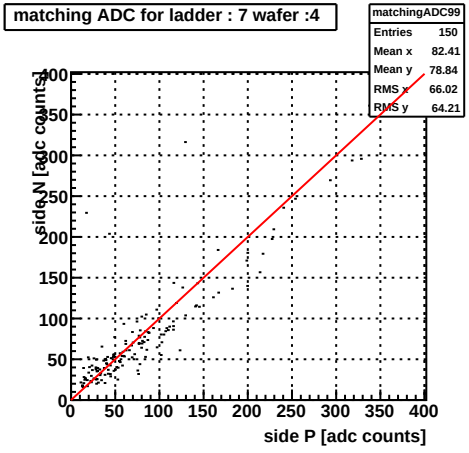

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 632
Mean x 64.54
Mean y 50.64
RMS x 61.96
RMS y 48.91
side N [adc counts]
side P [adc counts]

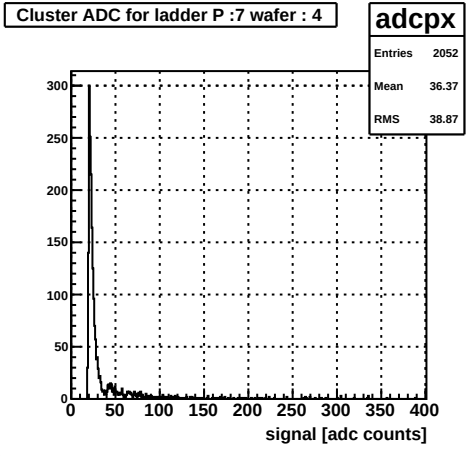

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 9561
Mean 27.11
RMS 26
signal [adc counts]

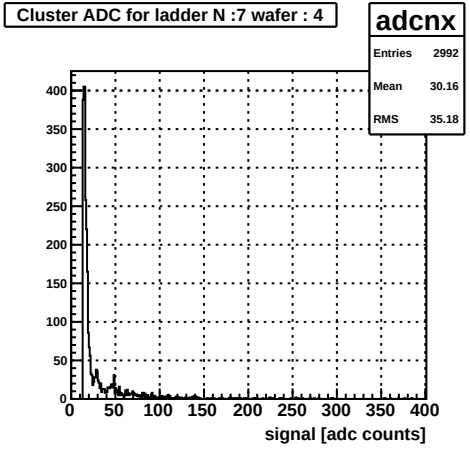

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 3260
Mean 26.26
RMS 28.64
signal [adc counts]

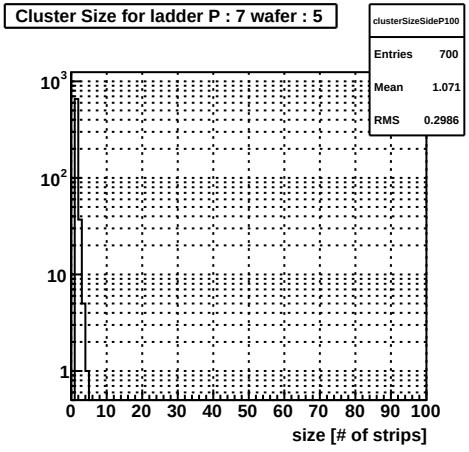

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2052
Mean 1.183
RMS 0.5046
size [# of strips]

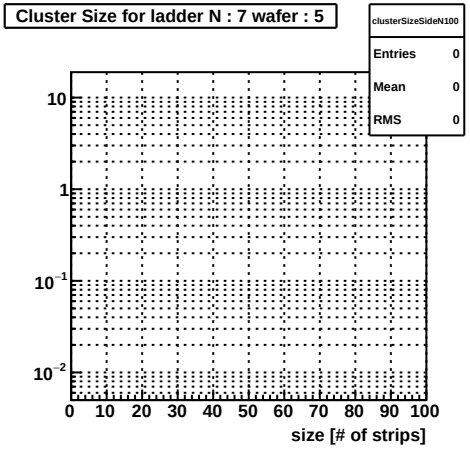

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2992
Mean 1.38
RMS 0.8658
size [# of strips]

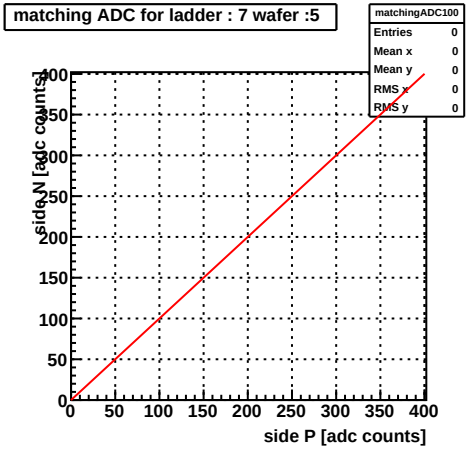

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 150
Mean x 82.41
Mean y 78.84
RMS x 66.02
RMS y 64.21
side N [adc counts]
side P [adc counts]

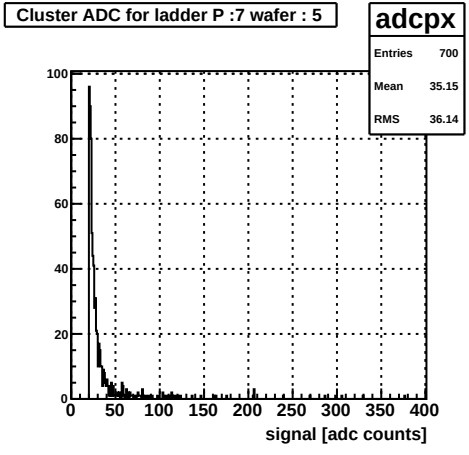

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2052
Mean 36.37
RMS 38.87
signal [adc counts]

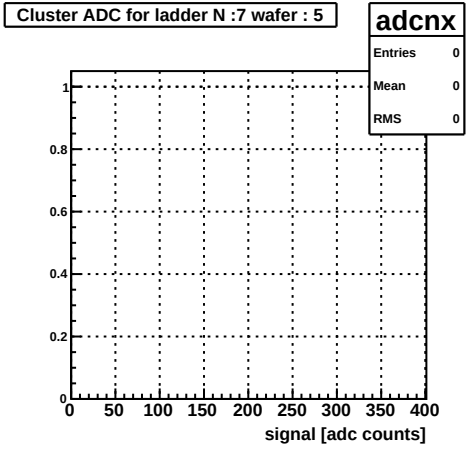

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2992
Mean 30.16
RMS 35.18
signal [adc counts]

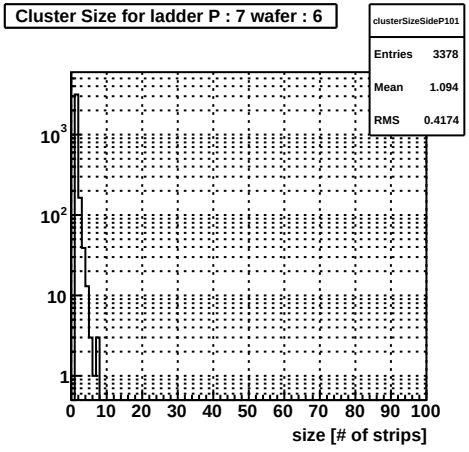

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 700
Mean 1.071
RMS 0.2986
size [# of strips]

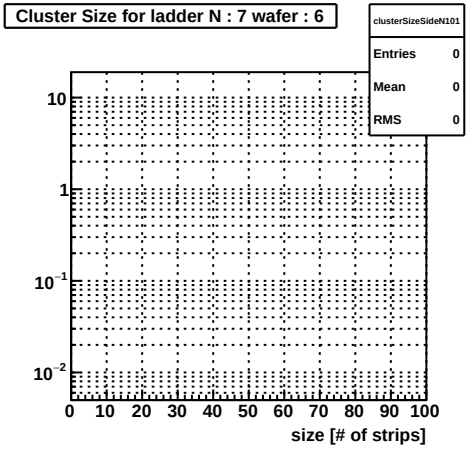

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

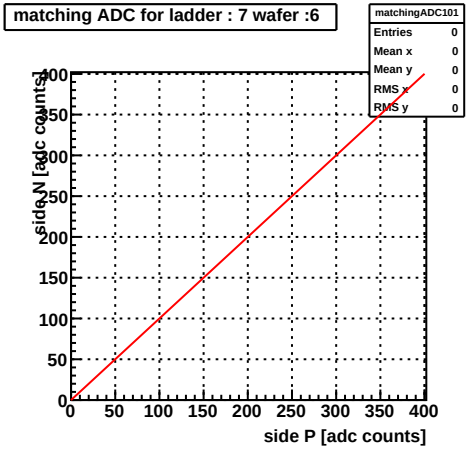

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

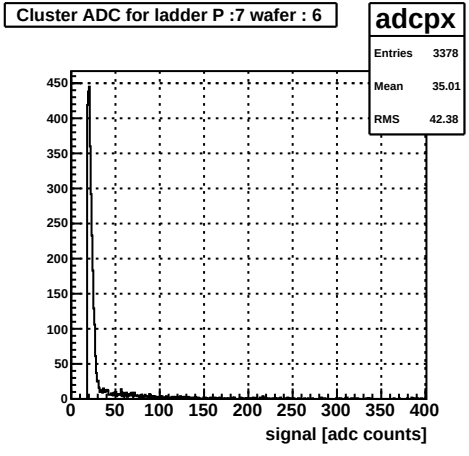

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 700
Mean 35.15
RMS 36.14
signal [adc counts]

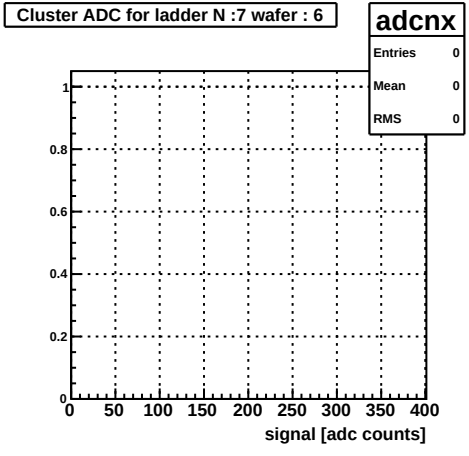

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

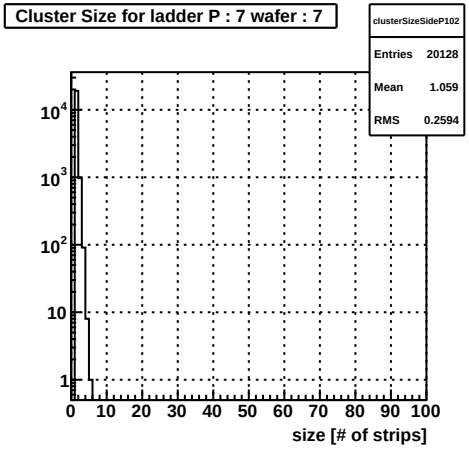

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3378
Mean 1.094
RMS 0.4174
size [# of strips]

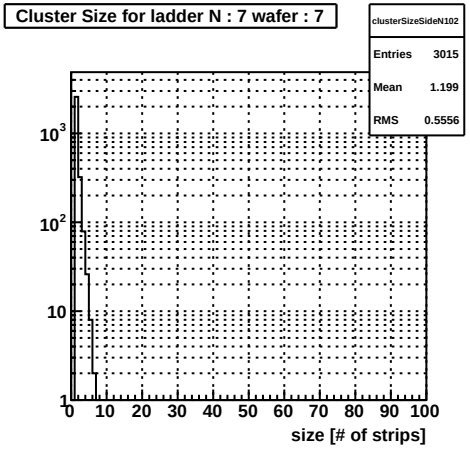

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

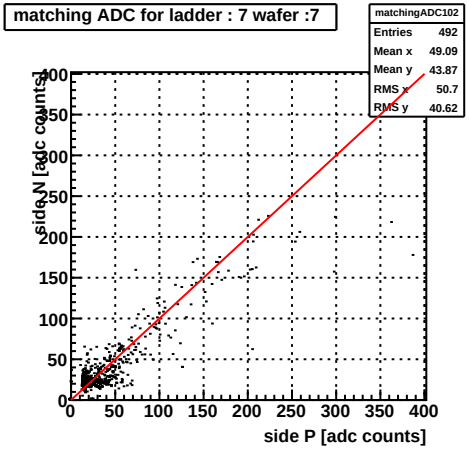

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

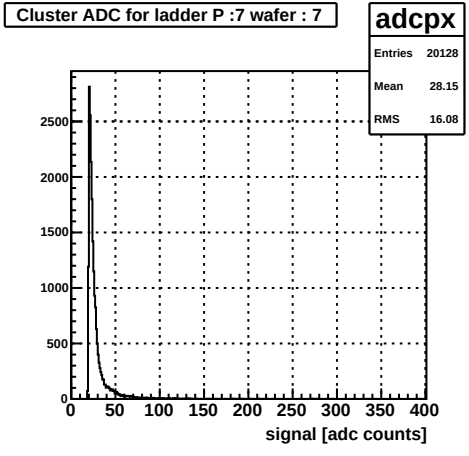

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3378
Mean 35.01
RMS 42.38
signal [adc counts]

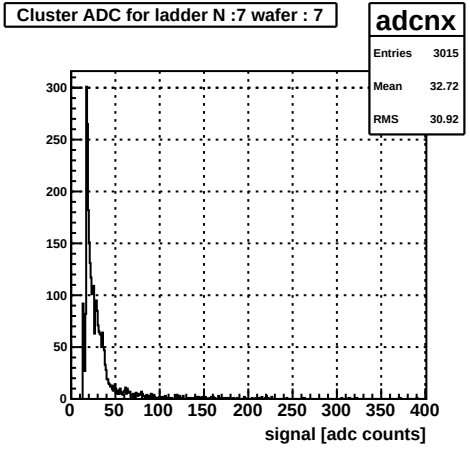

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

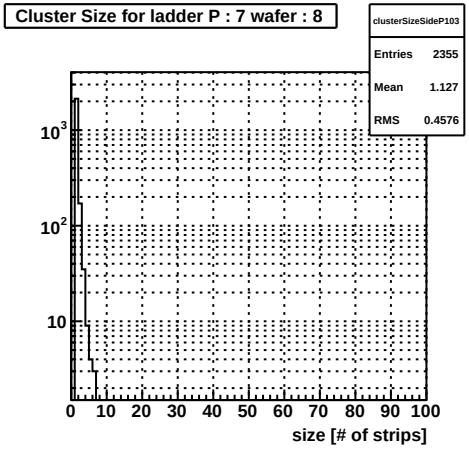

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 20128
Mean 1.059
RMS 0.2594
size [# of strips]

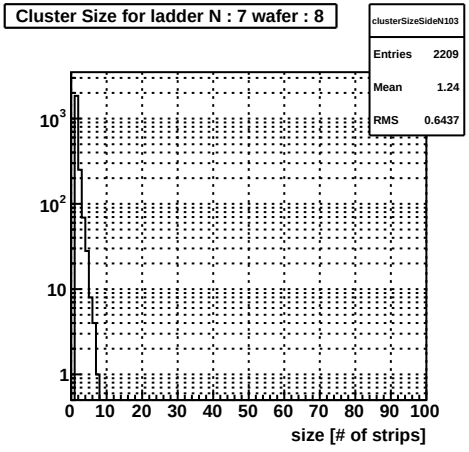

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3015
Mean 1.199
RMS 0.5556
size [# of strips]

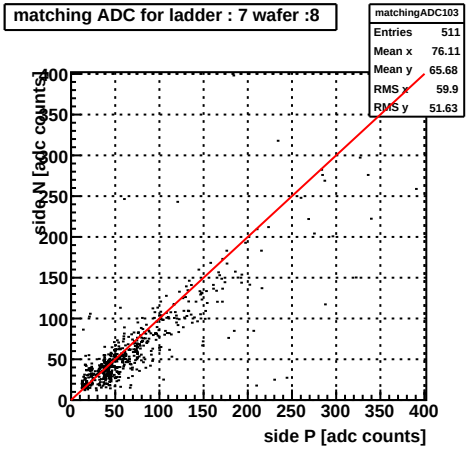

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 492
Mean x 49.09
Mean y 43.87
RMS x 50.7
RMS y 40.62
side N [adc counts]
side P [adc counts]

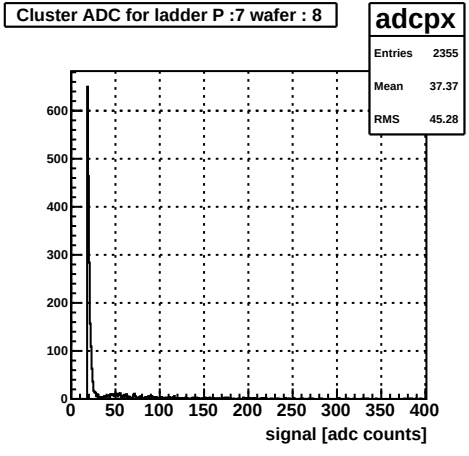

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 20128
Mean 28.15
RMS 16.08
signal [adc counts]

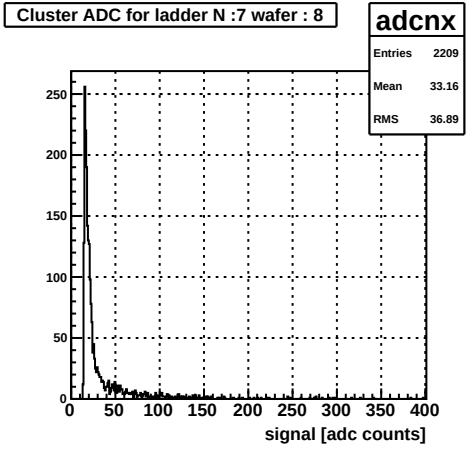

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3015
Mean 32.72
RMS 30.92
signal [adc counts]

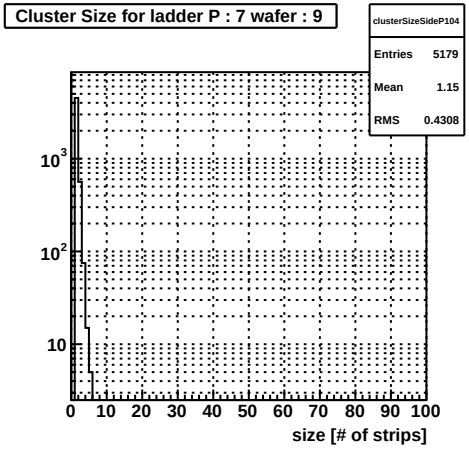

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2355
Mean 1.127
RMS 0.4576
size [# of strips]

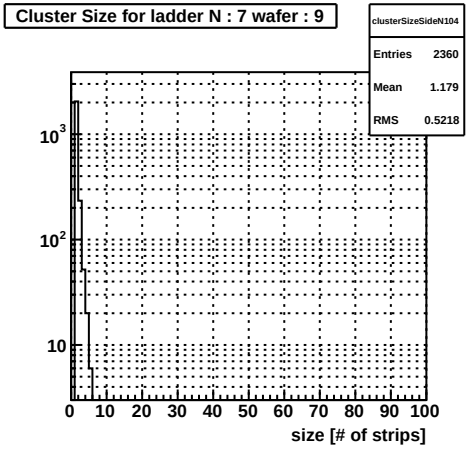

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2209
Mean 1.24
RMS 0.6437
size [# of strips]

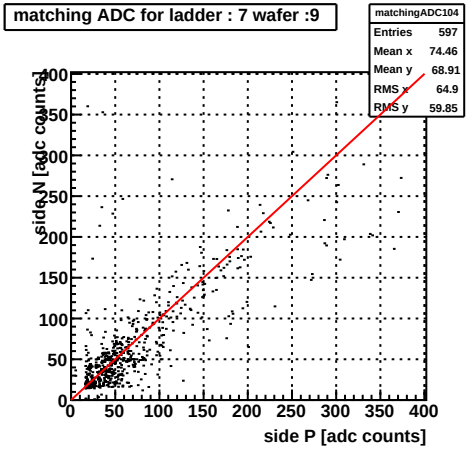

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 511
Mean x 76.11
Mean y 65.68
RMS x 59.9
RMS y 51.63
side N [adc counts]
side P [adc counts]

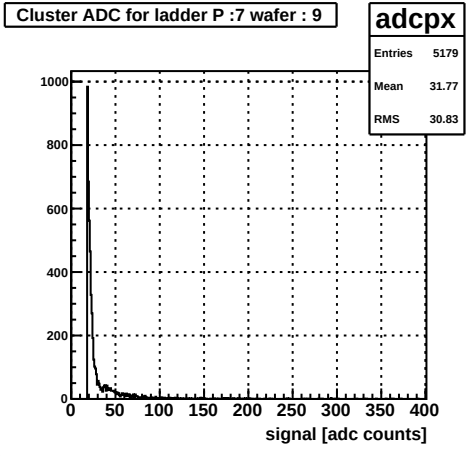

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2355
Mean 37.37
RMS 45.28
signal [adc counts]

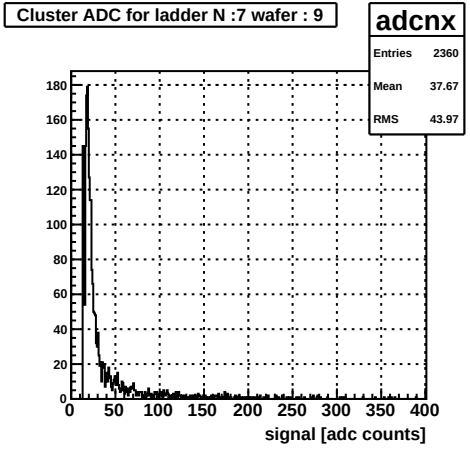

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2209
Mean 33.16
RMS 36.89
signal [adc counts]

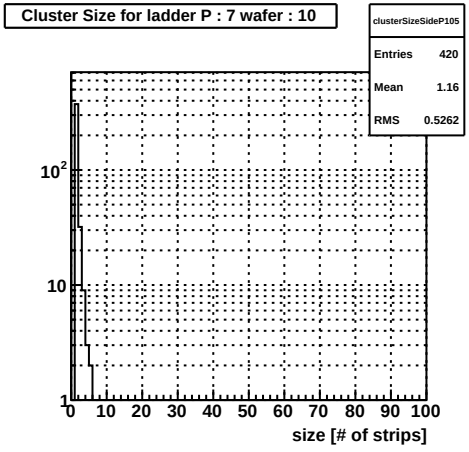

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 5179
Mean 1.15
RMS 0.4308
size [# of strips]

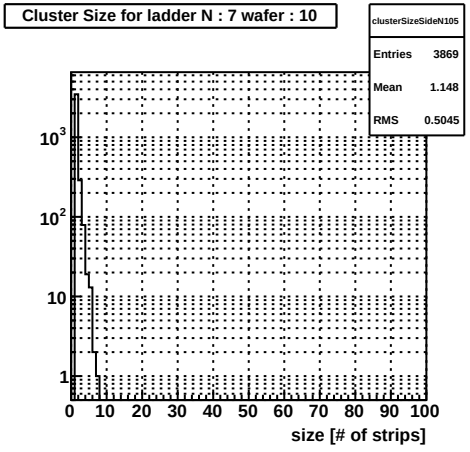

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2360
Mean 1.179
RMS 0.5218
size [# of strips]

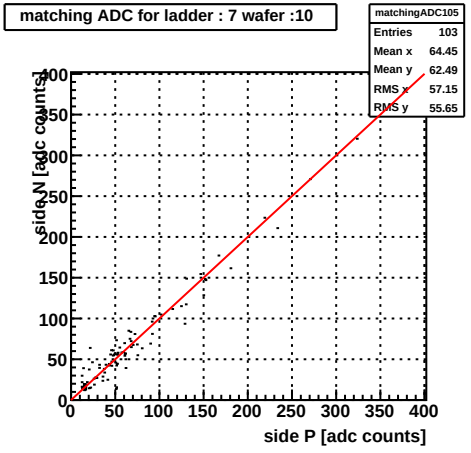

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 597
Mean x 74.46
Mean y 68.91
RMS x 64.9
RMS y 59.85
side N [adc counts]
side P [adc counts]

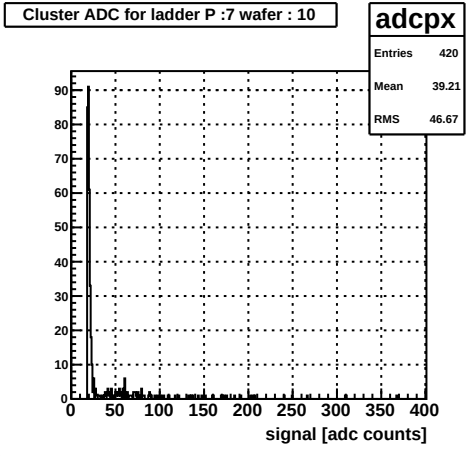

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 5179
Mean 31.77
RMS 30.83
signal [adc counts]

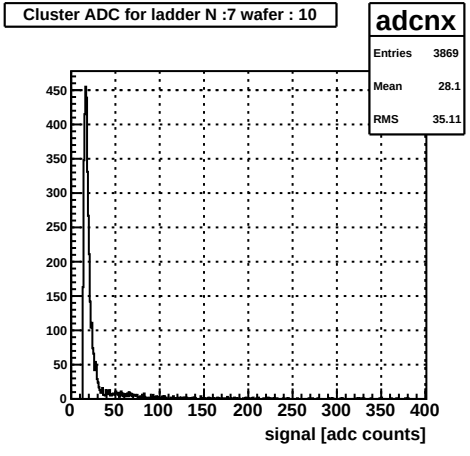

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2360
Mean 37.67
RMS 43.97
signal [adc counts]

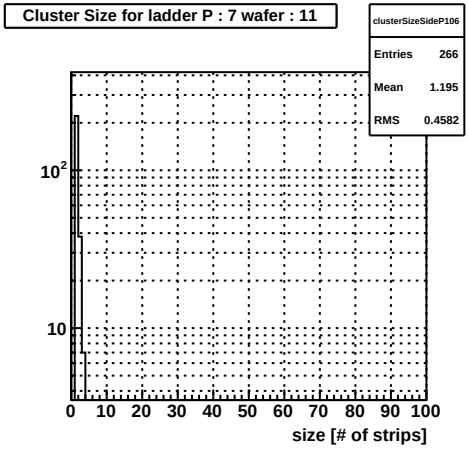

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 420
Mean 1.16
RMS 0.5262
size [# of strips]

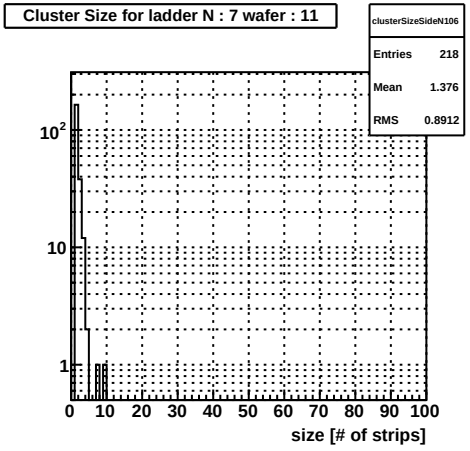

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 3869
Mean 1.148
RMS 0.5045
size [# of strips]

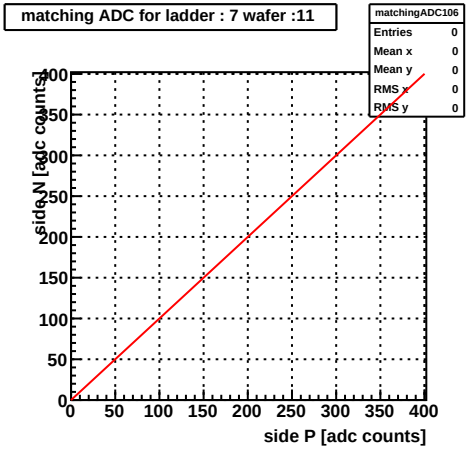

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 103
Mean x 64.45
Mean y 62.49
RMS x 57.15
RMS y 55.65
side N [adc counts]
side P [adc counts]

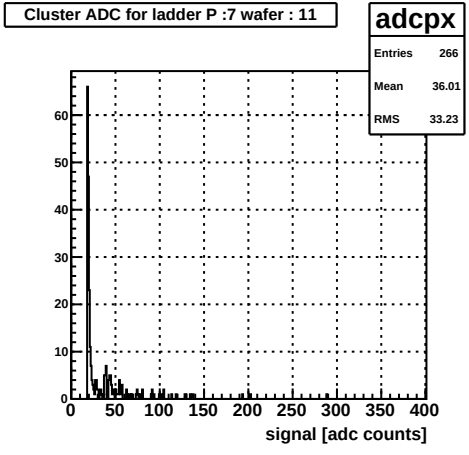

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 420
Mean 39.21
RMS 46.67
signal [adc counts]

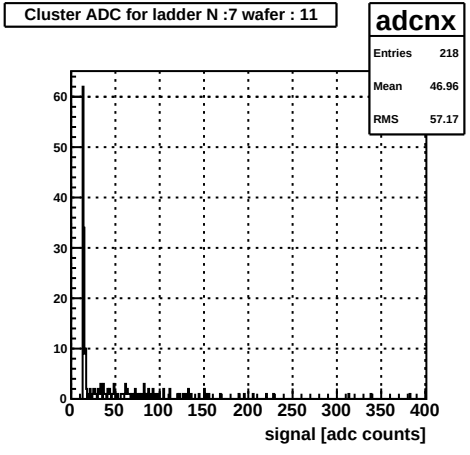

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 3869
Mean 28.1
RMS 35.11
signal [adc counts]

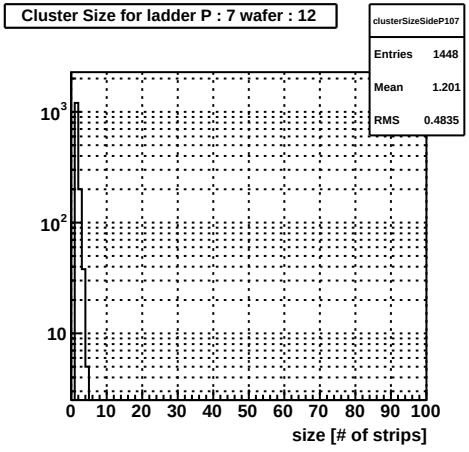

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 266
Mean 1.195
RMS 0.4582
size [# of strips]

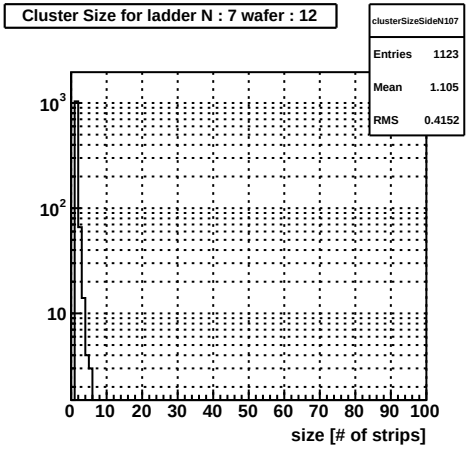

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 218
Mean 1.376
RMS 0.8912
size [# of strips]

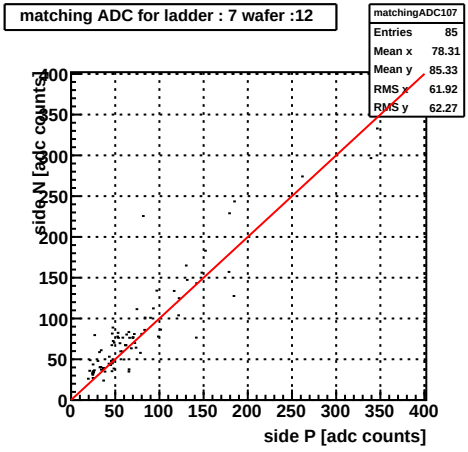

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

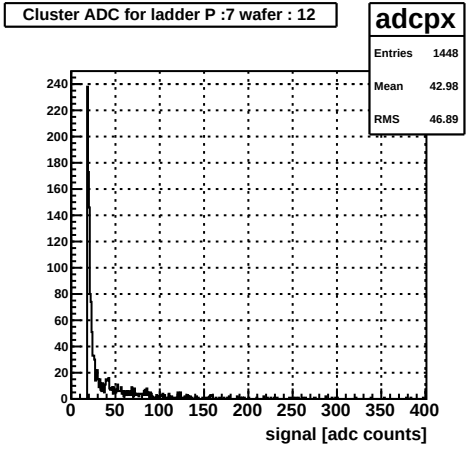

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 266
Mean 36.01
RMS 33.23
signal [adc counts]

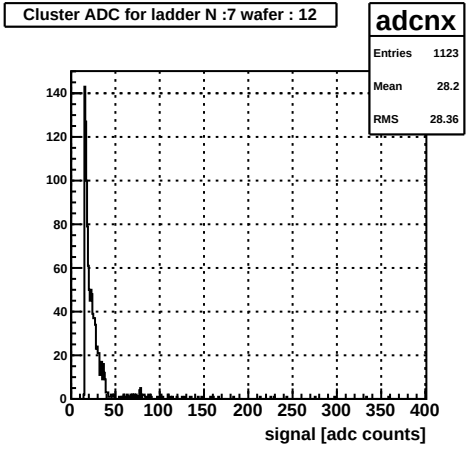

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 218
Mean 46.96
RMS 57.17
signal [adc counts]

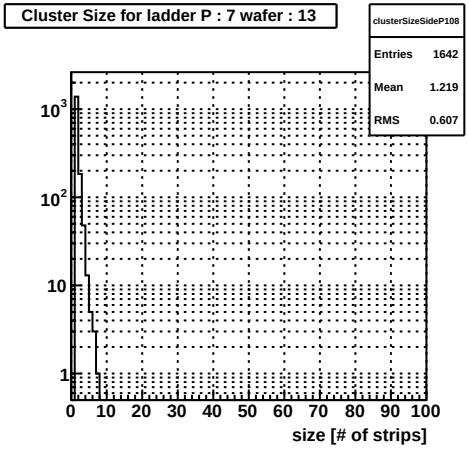

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1448
Mean 1.201
RMS 0.4835
size [# of strips]

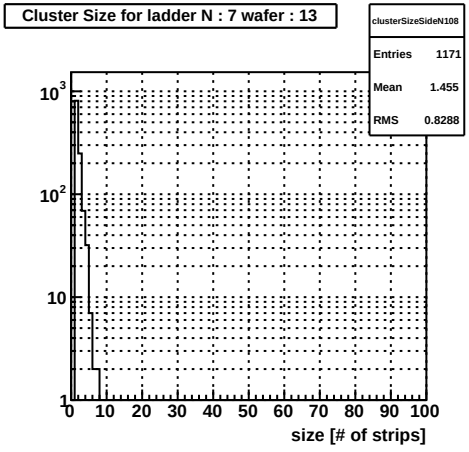

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1123
Mean 1.105
RMS 0.4152
size [# of strips]

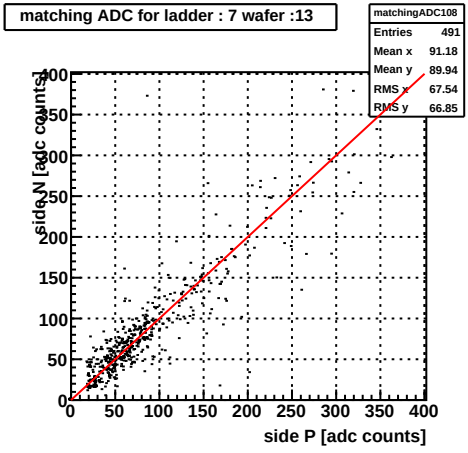

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 85
Mean x 78.31
Mean y 85.33
RMS x 61.92
RMS y 62.27
side N [adc counts]
side P [adc counts]

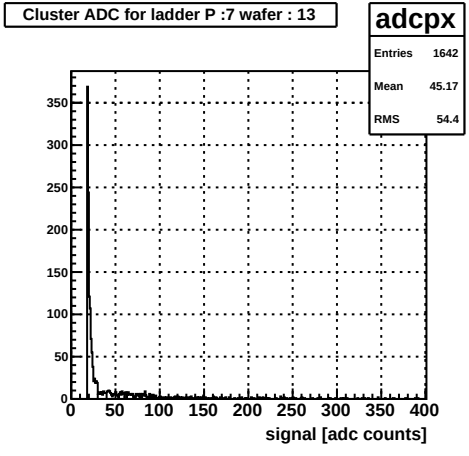

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1448
Mean 42.98
RMS 46.89
signal [adc counts]

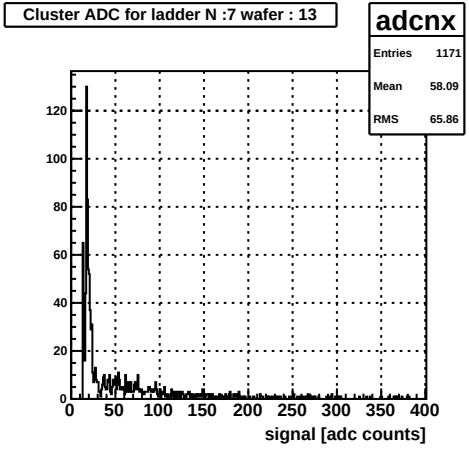

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1123
Mean 28.2
RMS 28.36
signal [adc counts]

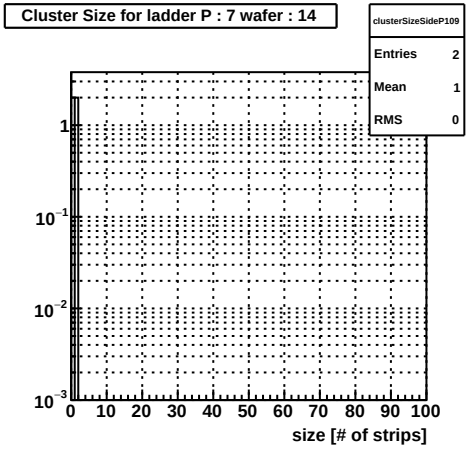

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1642
Mean 1.219
RMS 0.607
size [# of strips]

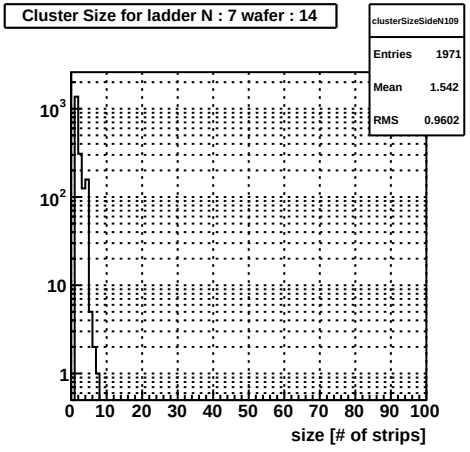

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1171
Mean 1.455
RMS 0.8288
size [# of strips]

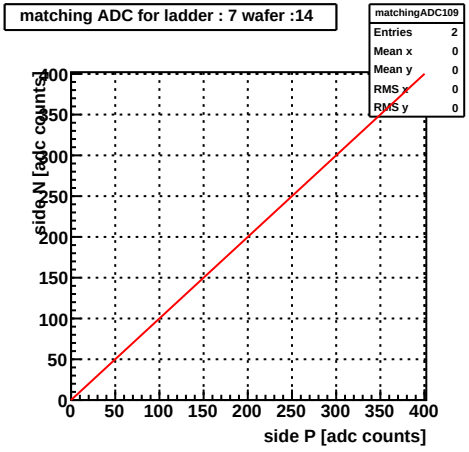

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 491
Mean x 91.18
Mean y 89.94
RMS x 67.54
RMS y 66.85
side N [adc counts]
side P [adc counts]

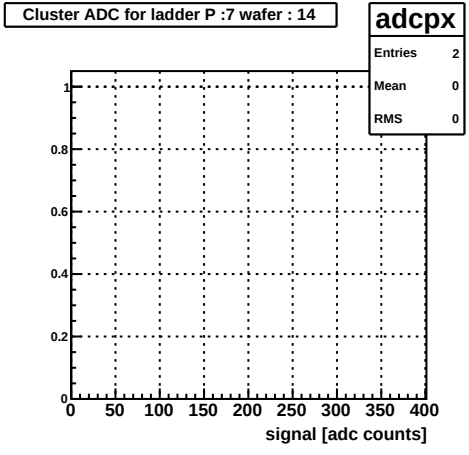

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1642
Mean 45.17
RMS 54.4
signal [adc counts]

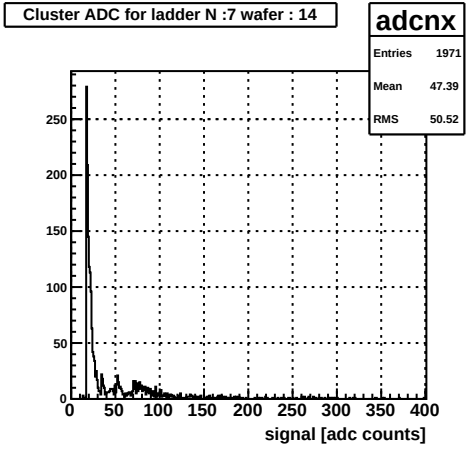

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1171
Mean 58.09
RMS 65.86
signal [adc counts]

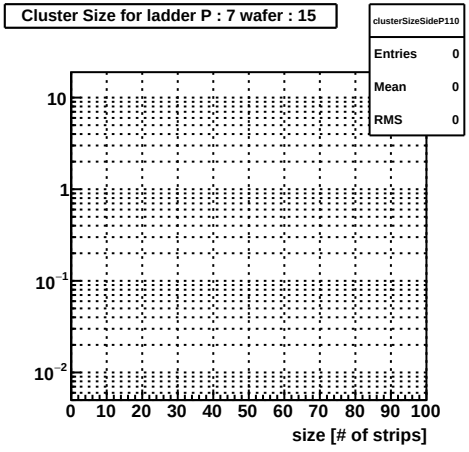

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2
Mean 1
RMS 0
size [# of strips]

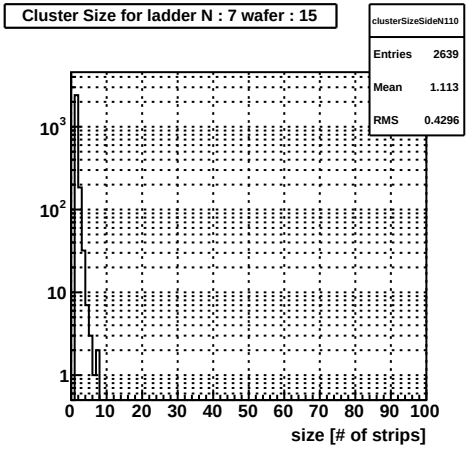

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1971
Mean 1.542
RMS 0.9602
size [# of strips]

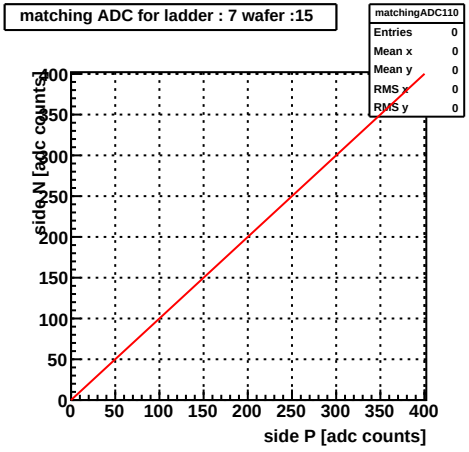

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

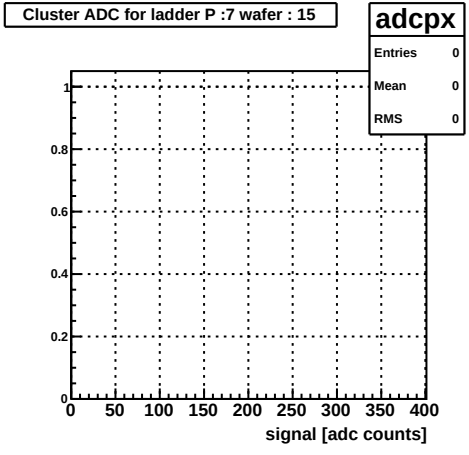

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

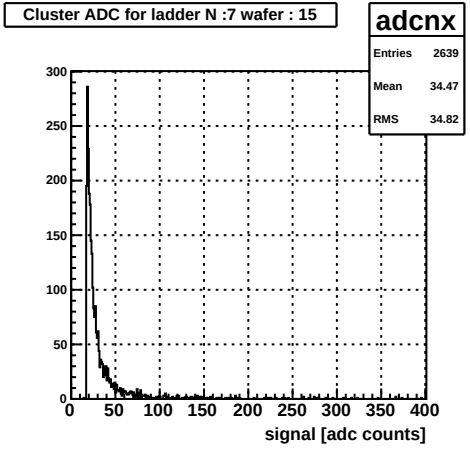

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1971
Mean 47.39
RMS 50.52
signal [adc counts]

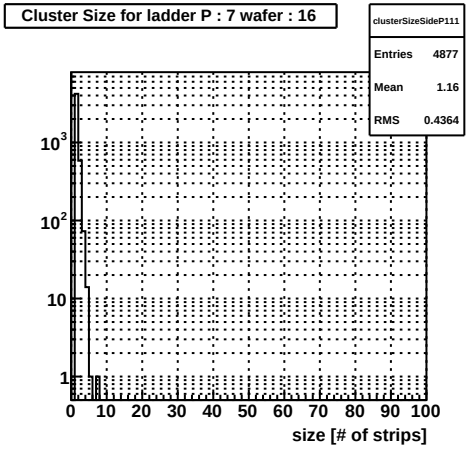

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

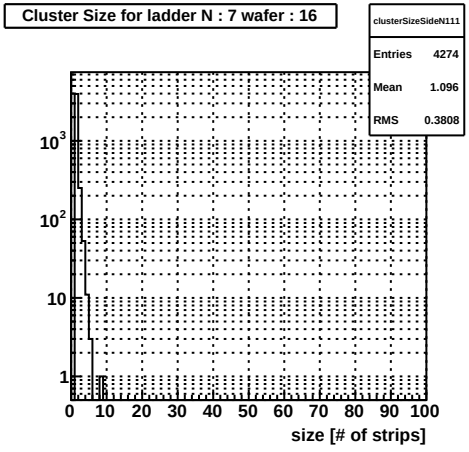

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2639
Mean 1.113
RMS 0.4296
size [# of strips]

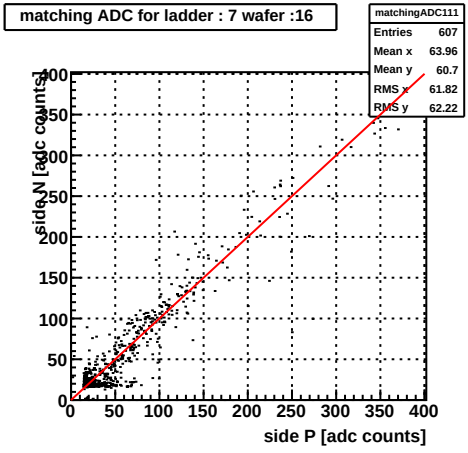

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

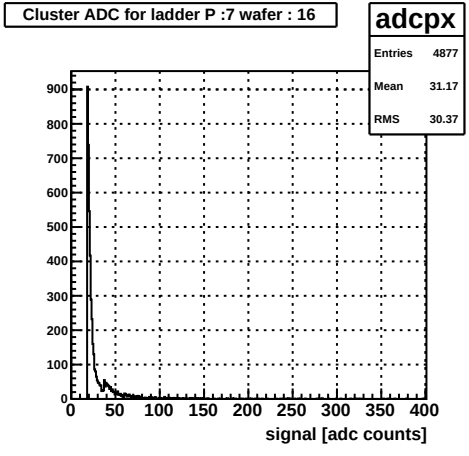

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

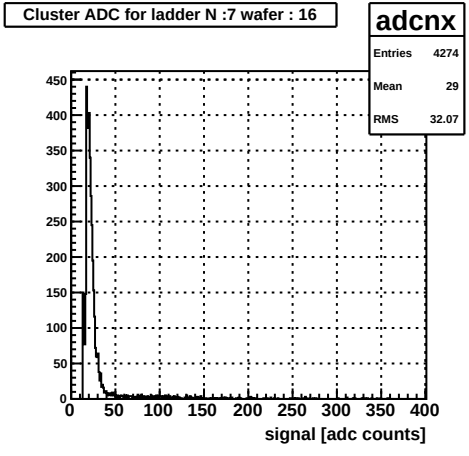

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2639
Mean 34.47
RMS 34.82
signal [adc counts]

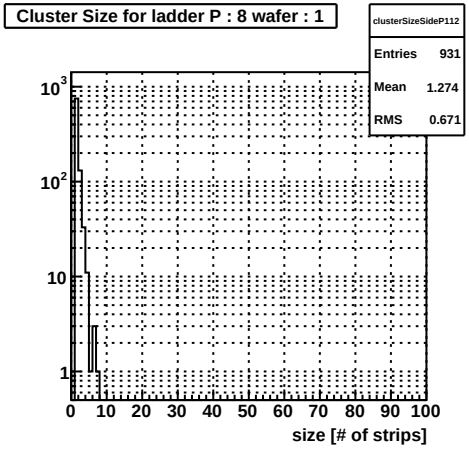

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 4877
Mean 1.16
RMS 0.4364
size [# of strips]

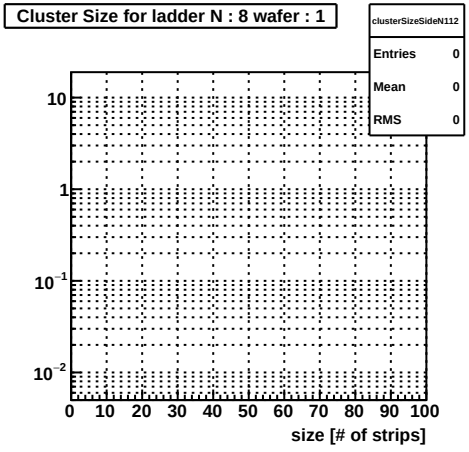

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 4274
Mean 1.096
RMS 0.3808
size [# of strips]

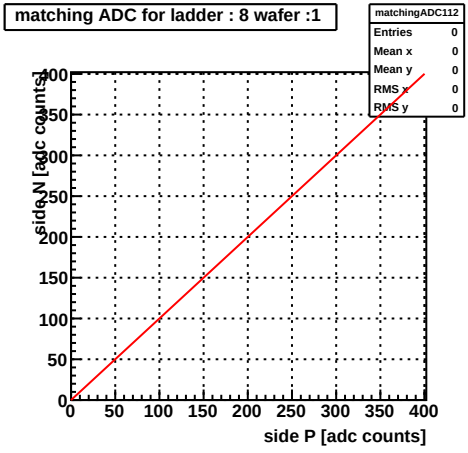

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 607
Mean x 63.96
Mean y 60.7
RMS x 61.82
RMS y 62.22
side N [adc counts]
side P [adc counts]

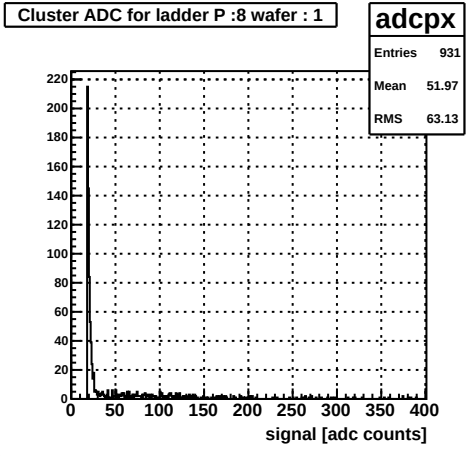

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 4877
Mean 31.17
RMS 30.37
signal [adc counts]

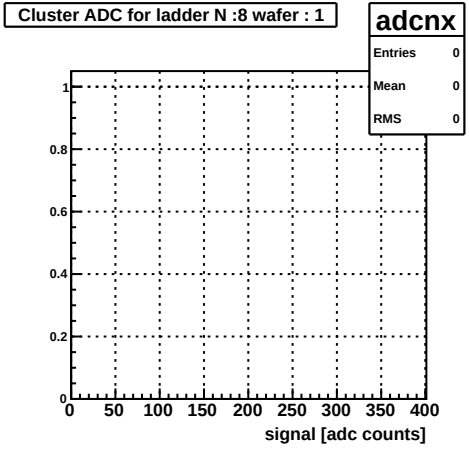

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 4274
Mean 29
RMS 32.07
signal [adc counts]

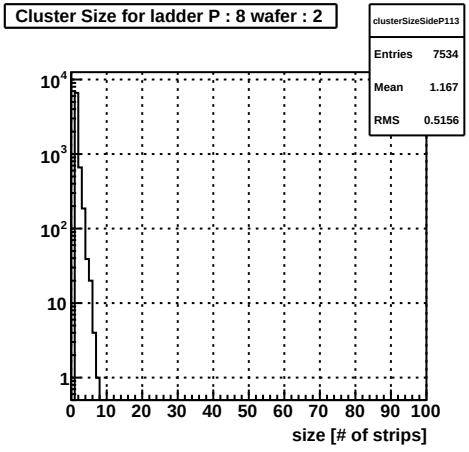

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 931
Mean 1.274
RMS 0.671
size [# of strips]

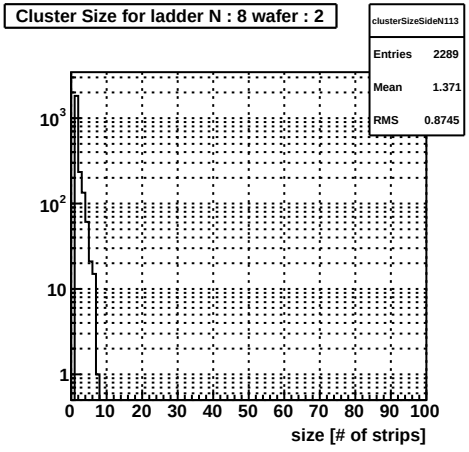

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

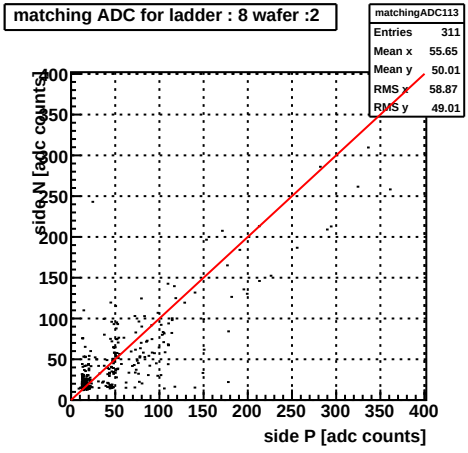

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

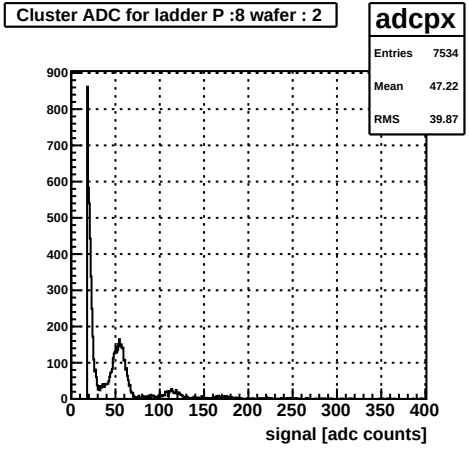

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 931
Mean 51.97
RMS 63.13
signal [adc counts]

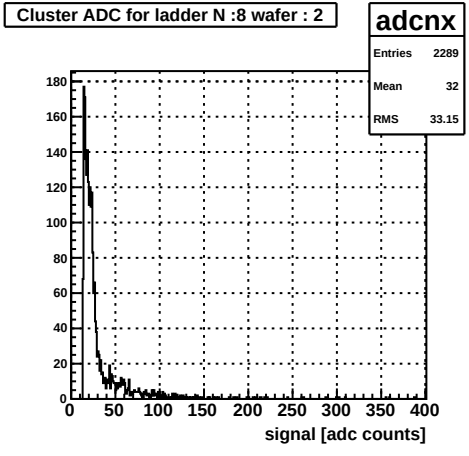

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

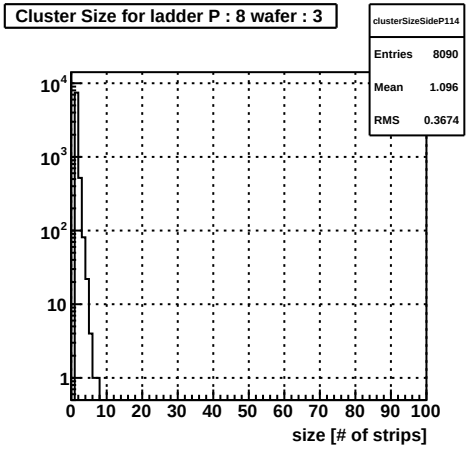

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7534
Mean 1.167
RMS 0.5156
size [# of strips]

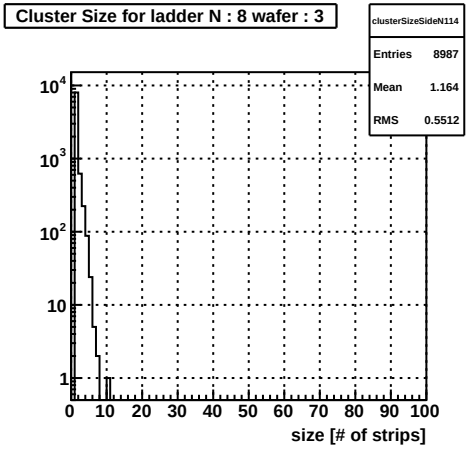

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2289
Mean 1.371
RMS 0.8745
size [# of strips]

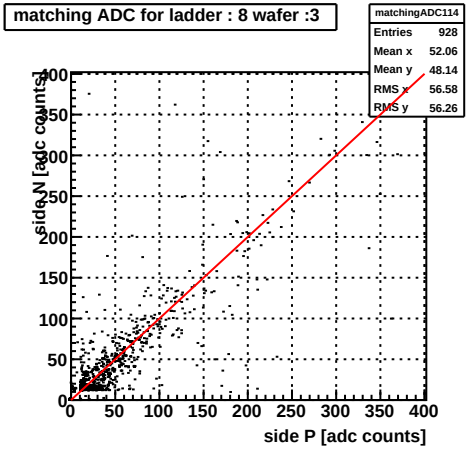

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 311
Mean x 55.65
Mean y 50.01
RMS x 58.87
RMS y 49.01
side N [adc counts]
side P [adc counts]

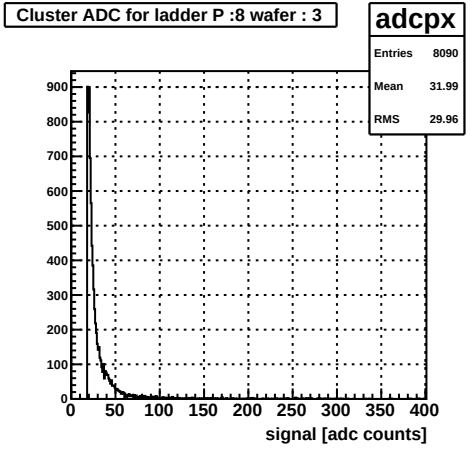

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7534
Mean 47.22
RMS 39.87
signal [adc counts]

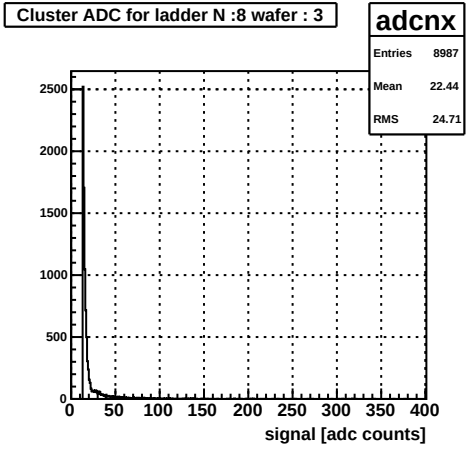

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2289
Mean 32
RMS 33.15
signal [adc counts]

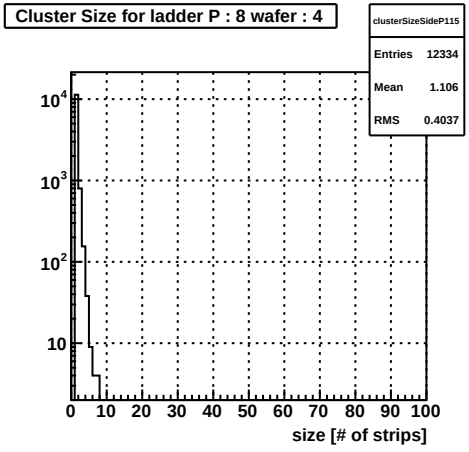

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 8090
Mean 1.096
RMS 0.3674
size [# of strips]

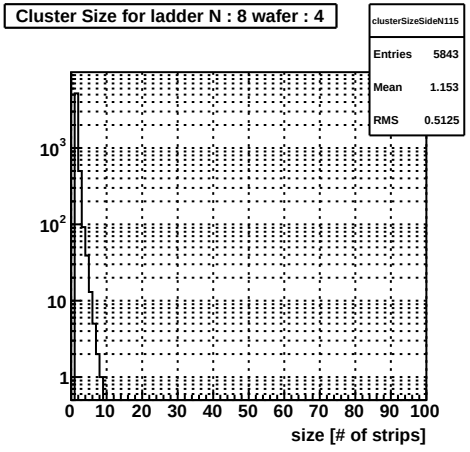

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 8987
Mean 1.164
RMS 0.5512
size [# of strips]

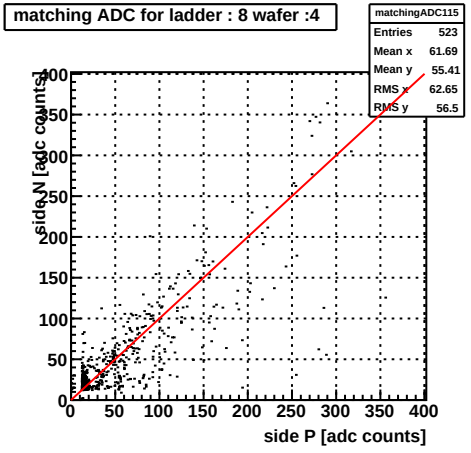

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 928
Mean x 52.06
Mean y 48.14
RMS x 56.58
RMS y 56.26
side N [adc counts]
side P [adc counts]

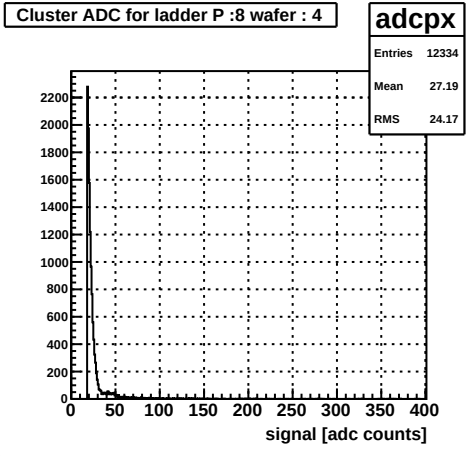

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 8090
Mean 31.99
RMS 29.96
signal [adc counts]

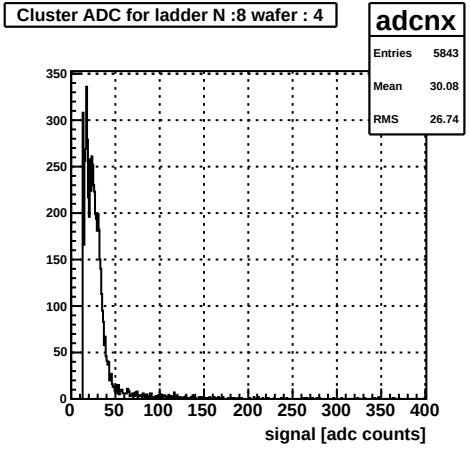

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 8987
Mean 22.44
RMS 24.71
signal [adc counts]

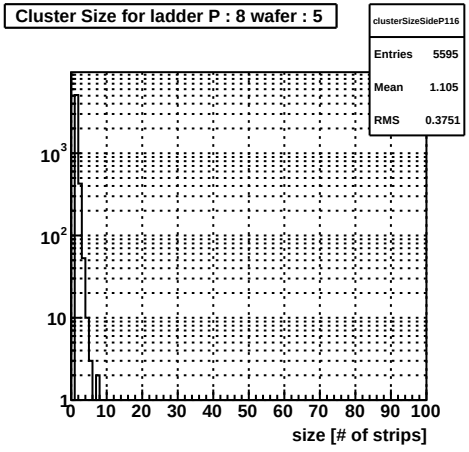

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12334
Mean 1.106
RMS 0.4037
size [# of strips]

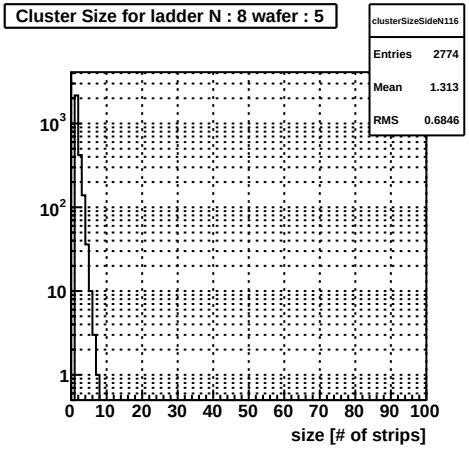

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5843
Mean 1.153
RMS 0.5125
size [# of strips]

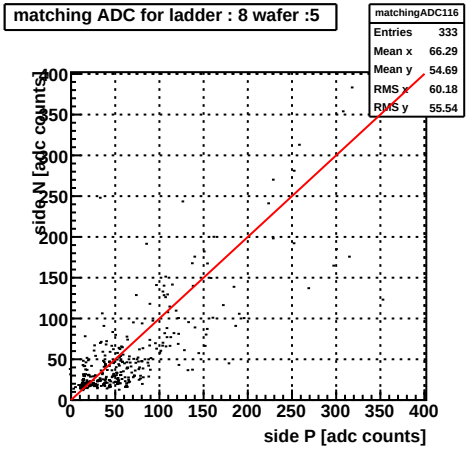

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 523
Mean x 61.69
Mean y 55.41
RMS x 62.65
RMS y 56.5
side N [adc counts]
side P [adc counts]

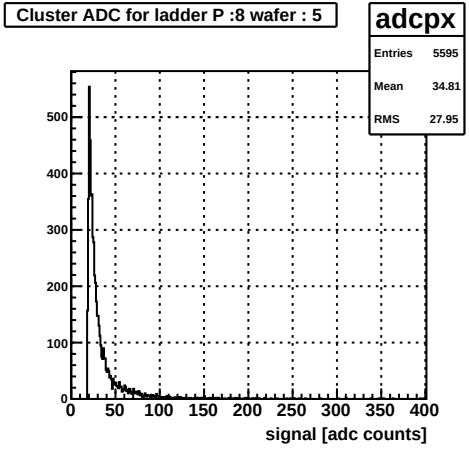

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12334
Mean 27.19
RMS 24.17
signal [adc counts]

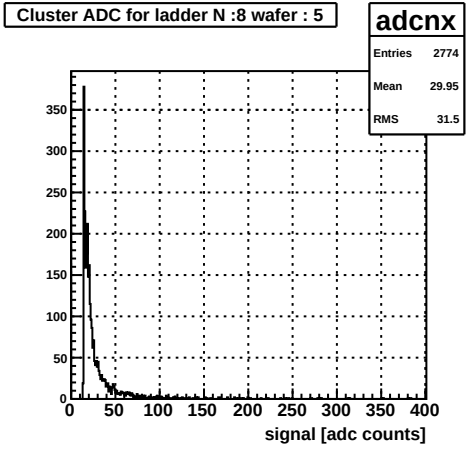

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5843
Mean 30.08
RMS 26.74
signal [adc counts]

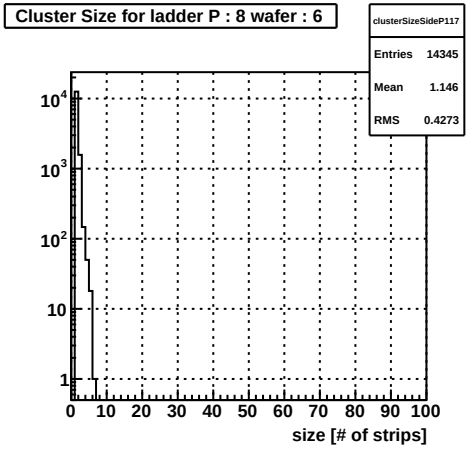

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 5595
Mean 1.105
RMS 0.3751
size [# of strips]

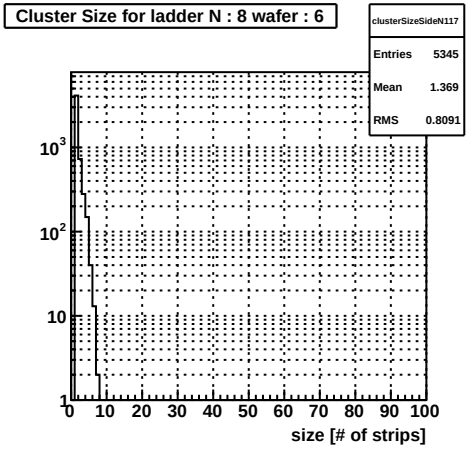

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2774
Mean 1.313
RMS 0.6846
size [# of strips]

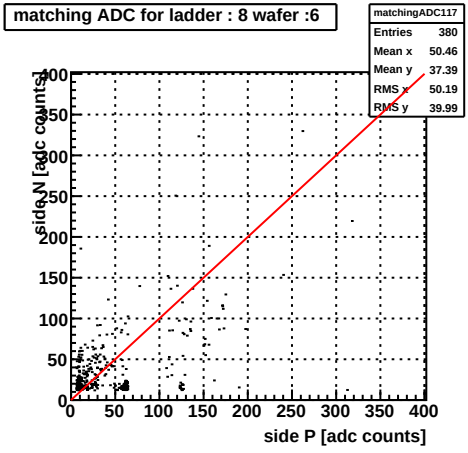

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 333
Mean x 66.29
Mean y 54.69
RMS x 60.18
RMS y 55.54
side N [adc counts]
side P [adc counts]

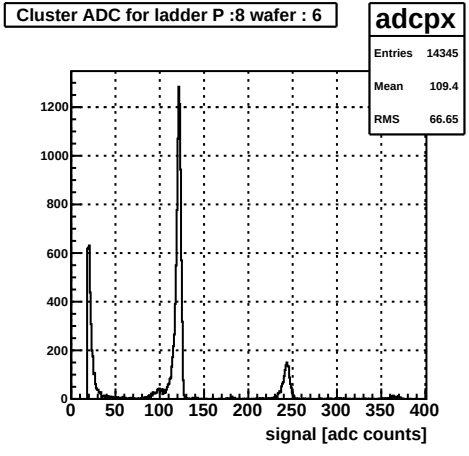

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 5595
Mean 34.81
RMS 27.95
signal [adc counts]

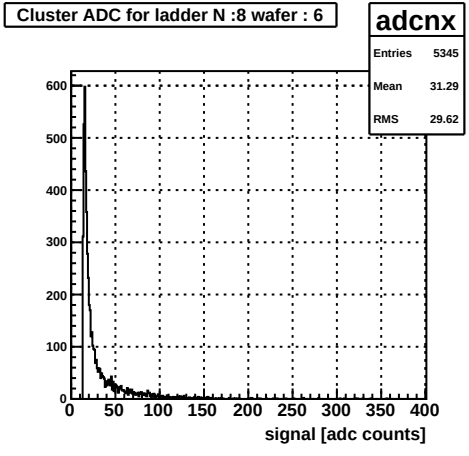

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2774
Mean 29.95
RMS 31.5
signal [adc counts]

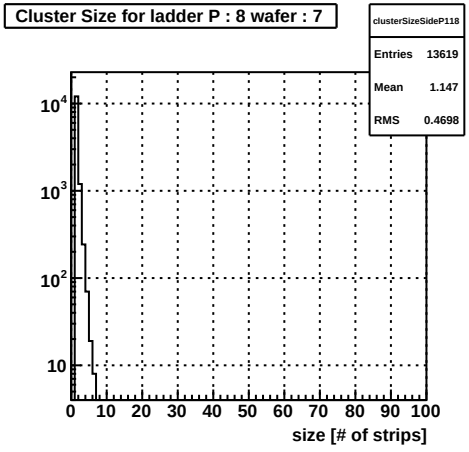

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 14345
Mean 1.146
RMS 0.4273
size [# of strips]

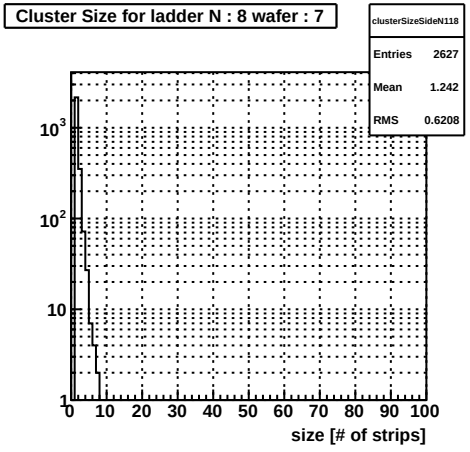

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5345
Mean 1.369
RMS 0.8091
size [# of strips]

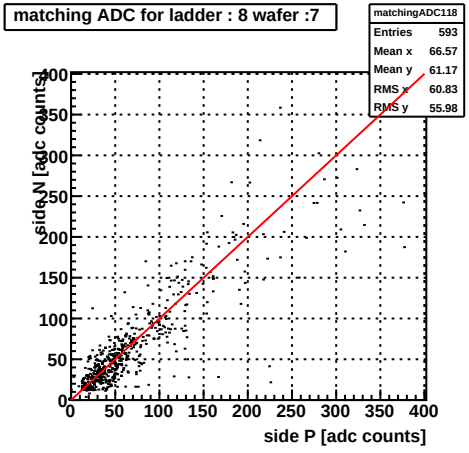

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 380
Mean x 50.46
Mean y 37.39
RMS x 50.19
RMS y 39.99
side N [adc counts]
side P [adc counts]

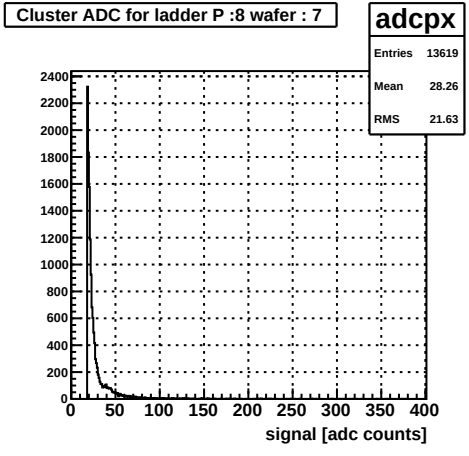

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 14345
Mean 109.4
RMS 66.65
signal [adc counts]

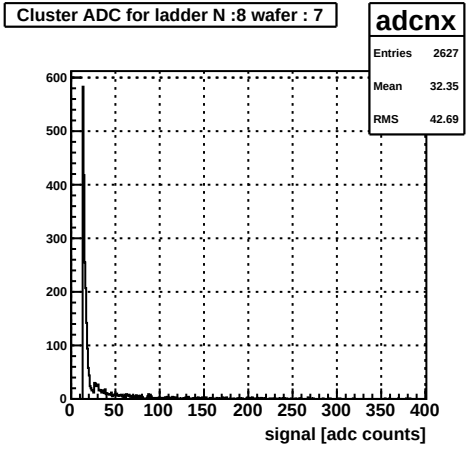

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5345
Mean 31.29
RMS 29.62
signal [adc counts]

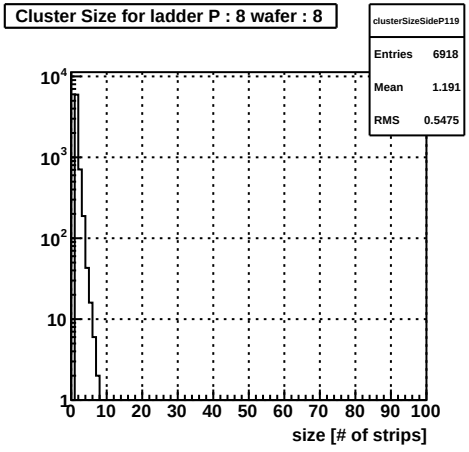

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13619
Mean 1.147
RMS 0.4698
size [# of strips]

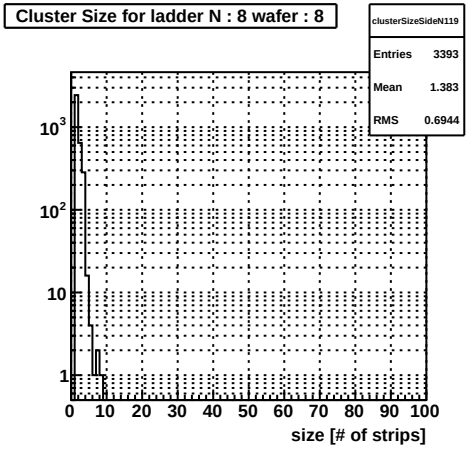

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2627
Mean 1.242
RMS 0.6208
size [# of strips]

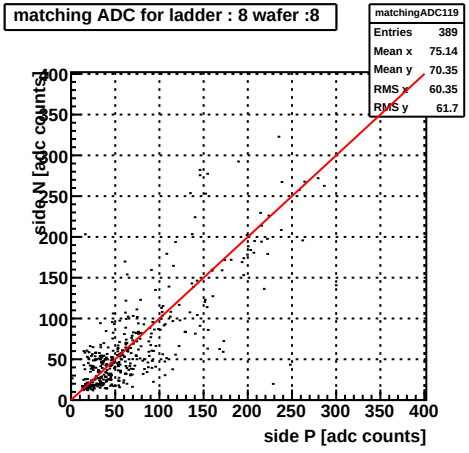

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 593
Mean x 66.57
Mean y 61.17
RMS x 60.83
RMS y 55.98
side N [adc counts]
side P [adc counts]

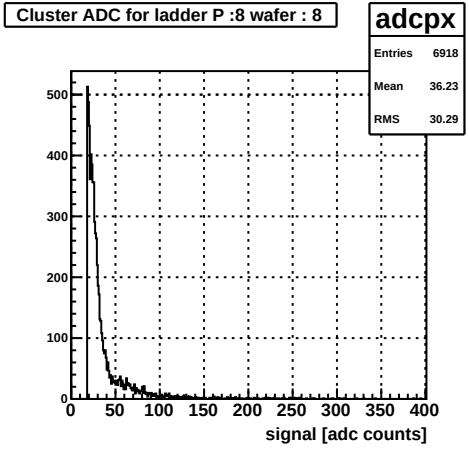

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13619
Mean 28.26
RMS 21.63
signal [adc counts]

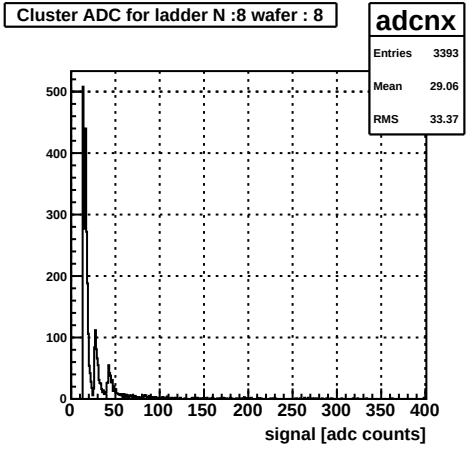

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2627
Mean 32.35
RMS 42.69
signal [adc counts]

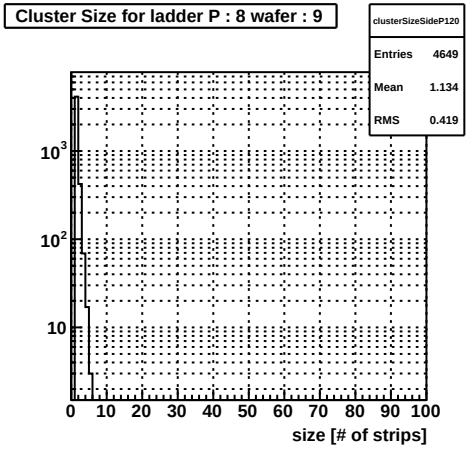

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6918
Mean 1.191
RMS 0.5475
size [# of strips]

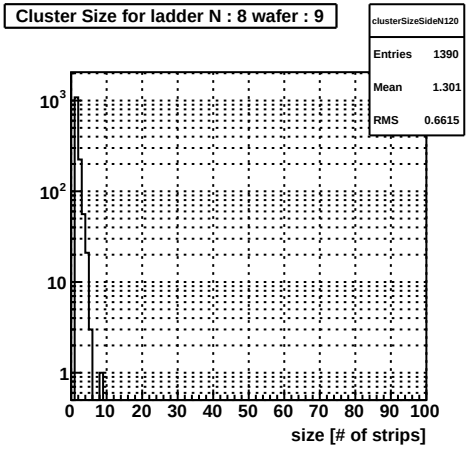

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3393
Mean 1.383
RMS 0.6944
size [# of strips]

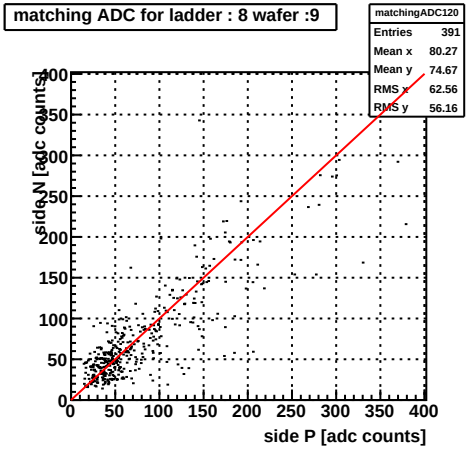

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 389
Mean x 75.14
Mean y 70.35
RMS x 60.35
RMS y 61.7
side N [adc counts]
side P [adc counts]

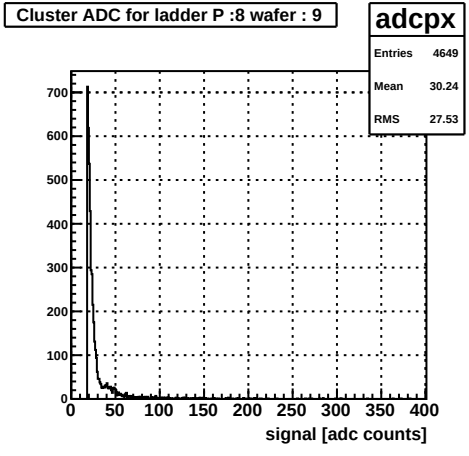

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6918
Mean 36.23
RMS 30.29
signal [adc counts]

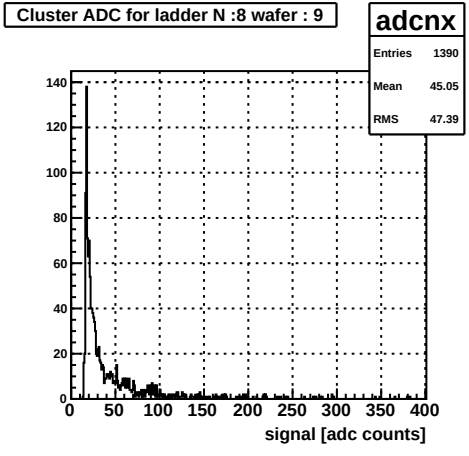

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3393
Mean 29.06
RMS 33.37
signal [adc counts]

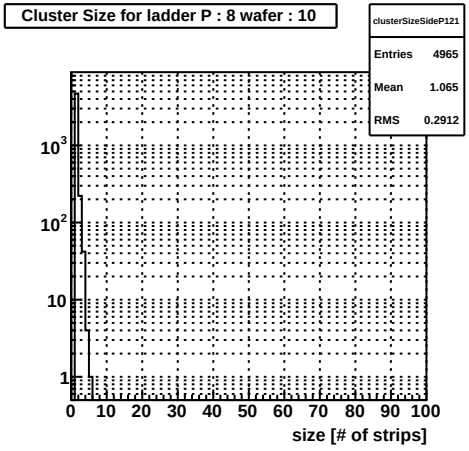

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 4649
Mean 1.134
RMS 0.419
size [# of strips]

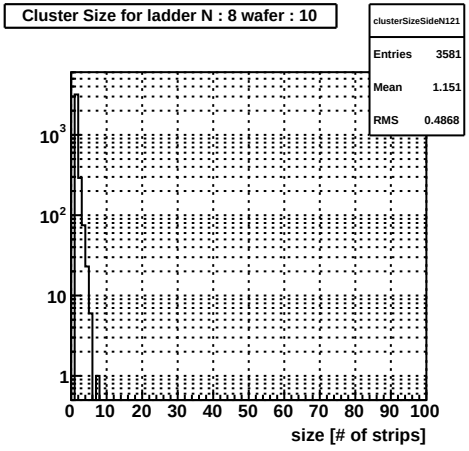

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1390
Mean 1.301
RMS 0.6615
size [# of strips]

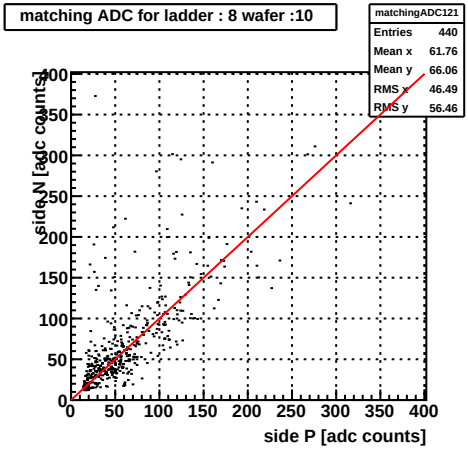

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 391
Mean x 80.27
Mean y 74.67
RMS x 62.56
RMS y 56.16
side N [adc counts]
side P [adc counts]

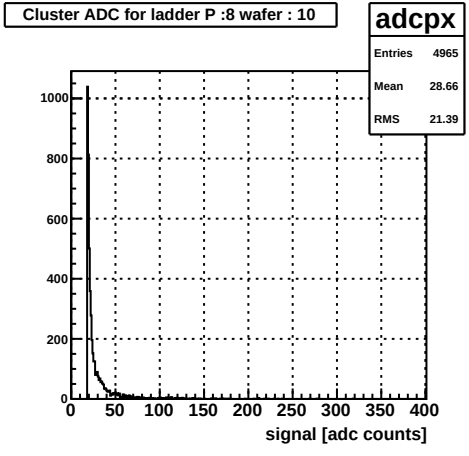

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 4649
Mean 30.24
RMS 27.53
signal [adc counts]

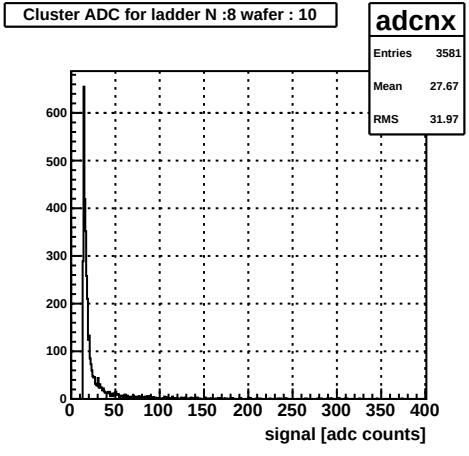

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1390
Mean 45.05
RMS 47.39
signal [adc counts]

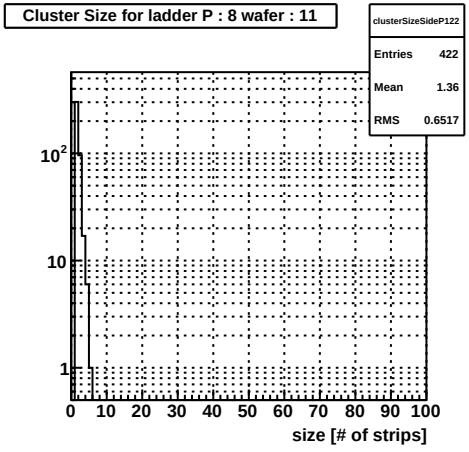

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4965
Mean 1.065
RMS 0.2912
size [# of strips]

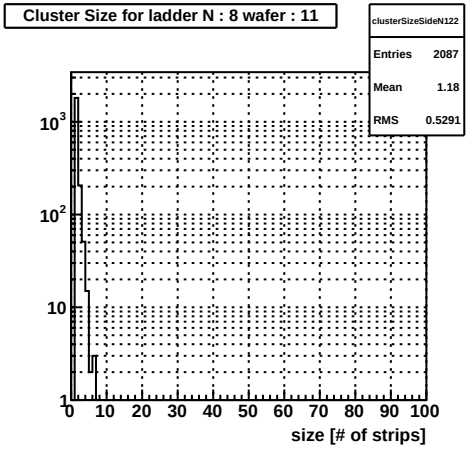

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3581
Mean 1.151
RMS 0.4868
size [# of strips]

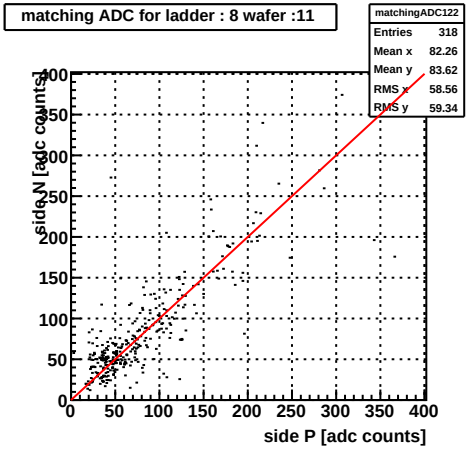

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 440
Mean x 61.76
Mean y 66.06
RMS x 46.49
RMS y 56.46
side N [adc counts]
side P [adc counts]

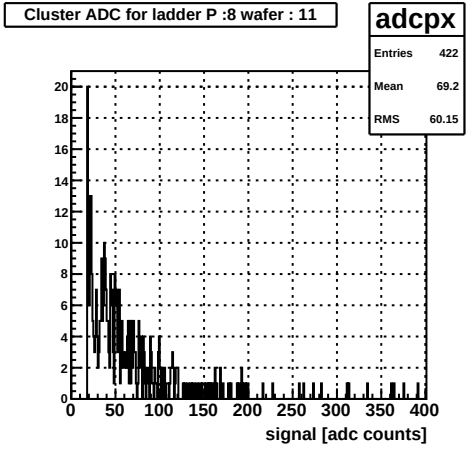

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4965
Mean 28.66
RMS 21.39
signal [adc counts]

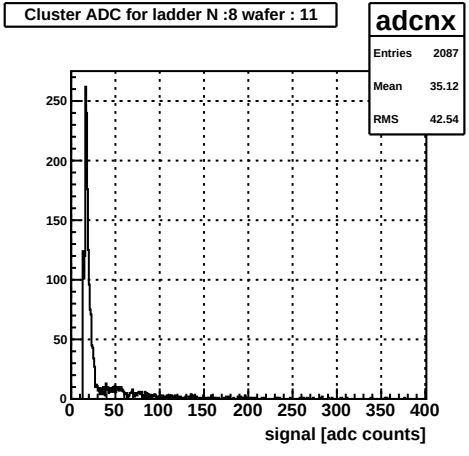

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3581
Mean 27.67
RMS 31.97
signal [adc counts]

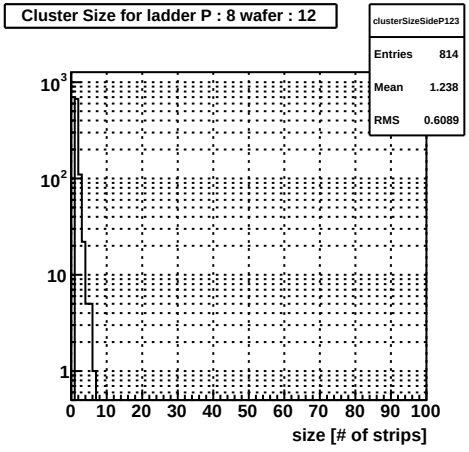

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 422
Mean 1.36
RMS 0.6517
size [# of strips]

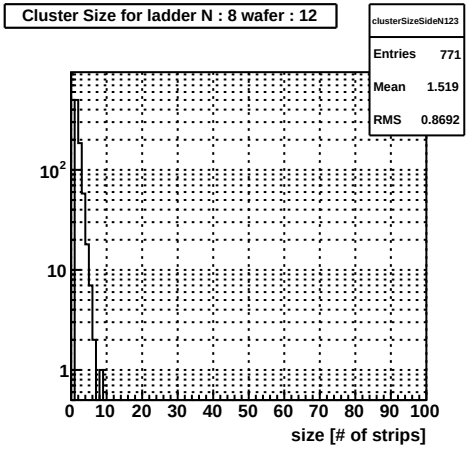

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2087
Mean 1.18
RMS 0.5291
size [# of strips]

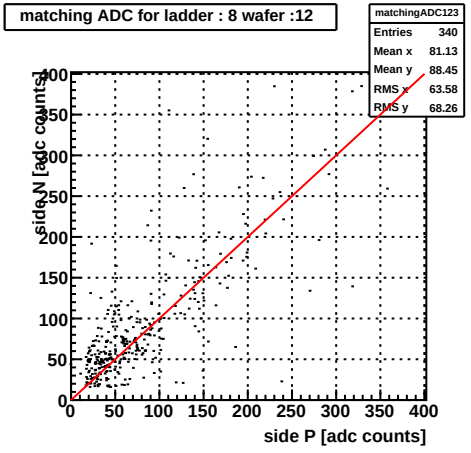

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 318
Mean x 82.26
Mean y 83.62
RMS x 58.56
RMS y 59.34
side N [adc counts]
side P [adc counts]

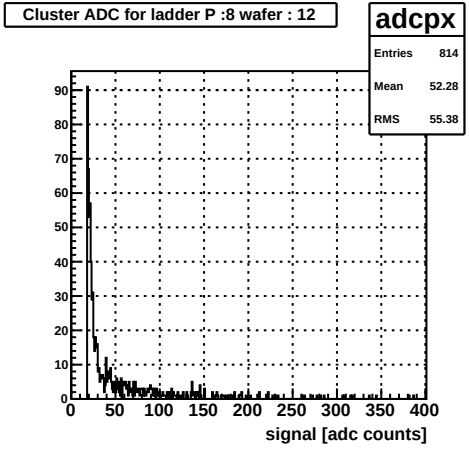

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 422
Mean 69.2
RMS 60.15
signal [adc counts]

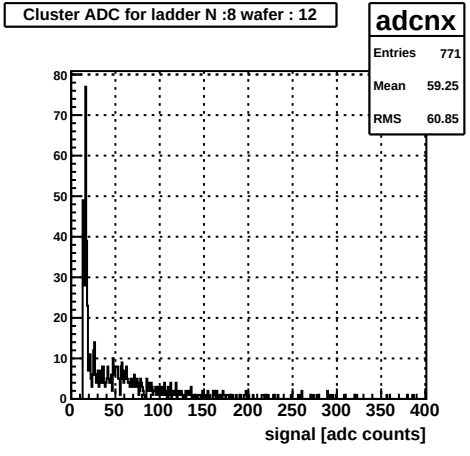

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2087
Mean 35.12
RMS 42.54
signal [adc counts]

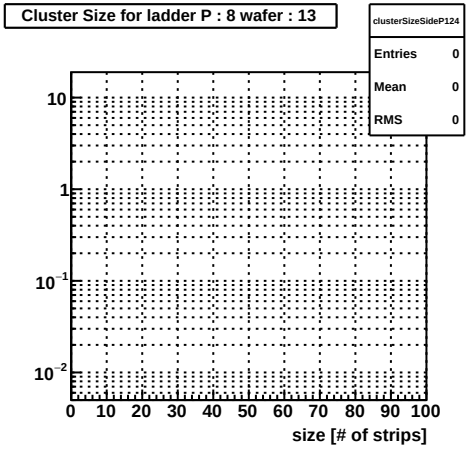

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 814
Mean 1.238
RMS 0.6089
size [# of strips]

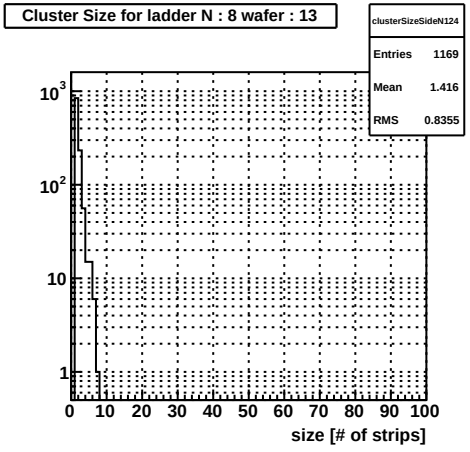

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 771
Mean 1.519
RMS 0.8692
size [# of strips]

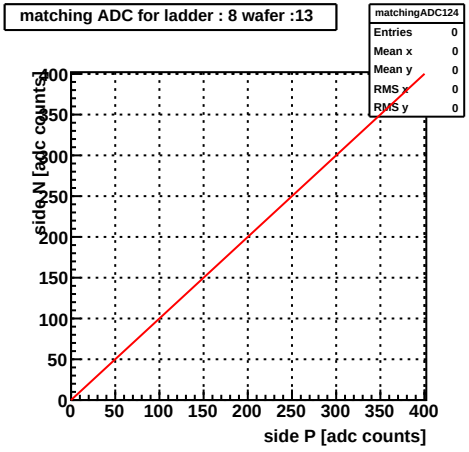

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 340
Mean x 81.13
Mean y 88.45
RMS x 63.58
RMS y 68.26
side N [adc counts]
side P [adc counts]

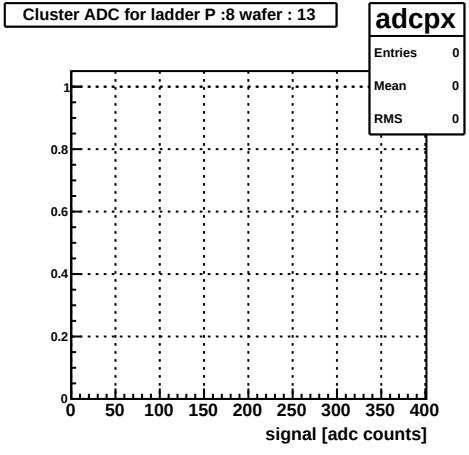

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 814
Mean 52.28
RMS 55.38
signal [adc counts]

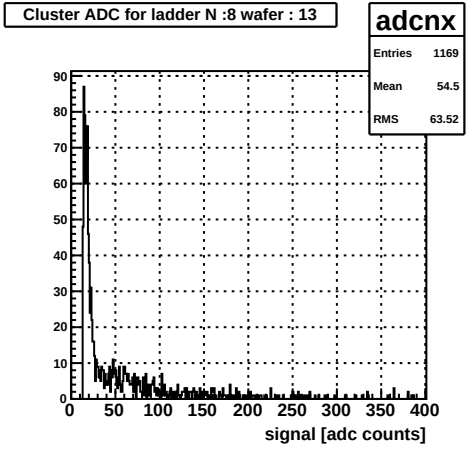

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 771
Mean 59.25
RMS 60.85
signal [adc counts]

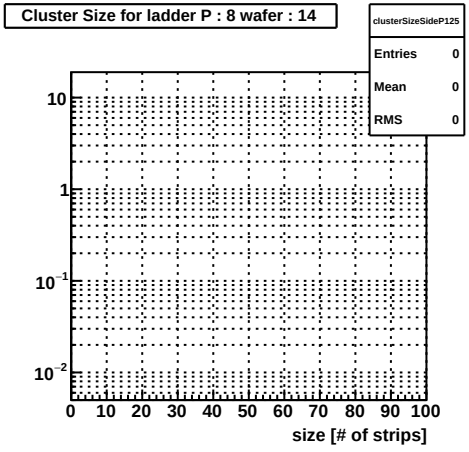

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

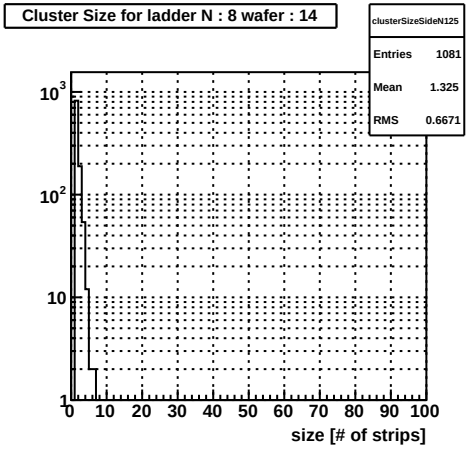

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1169
Mean 1.416
RMS 0.8355
size [# of strips]

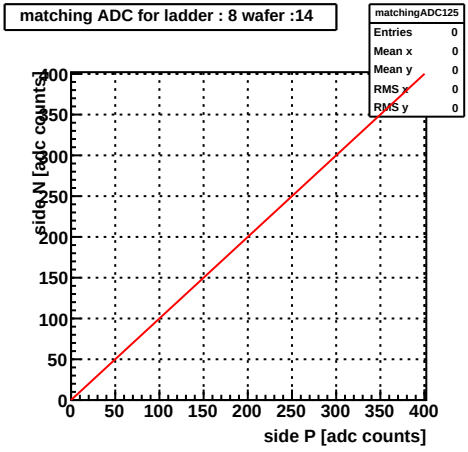

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

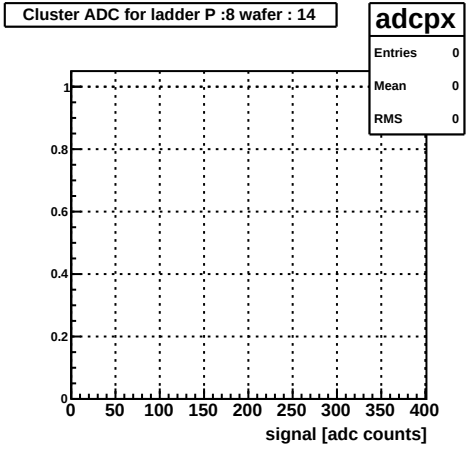

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

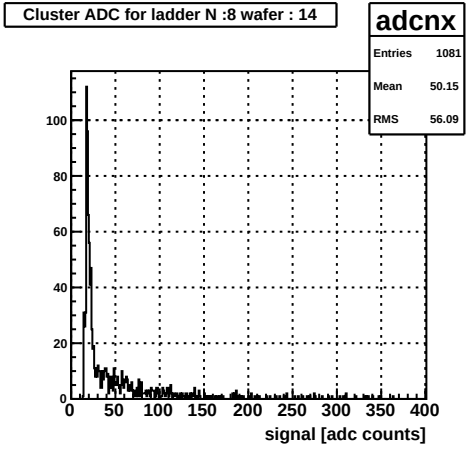

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1169
Mean 54.5
RMS 63.52
signal [adc counts]

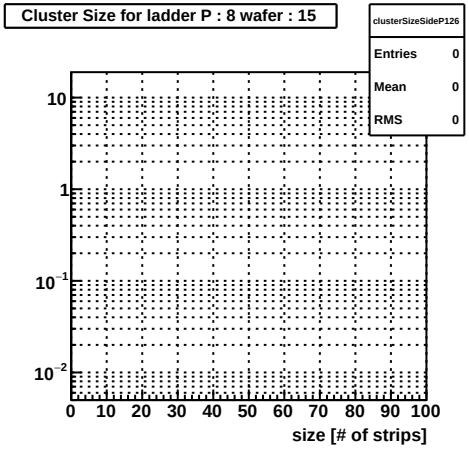

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

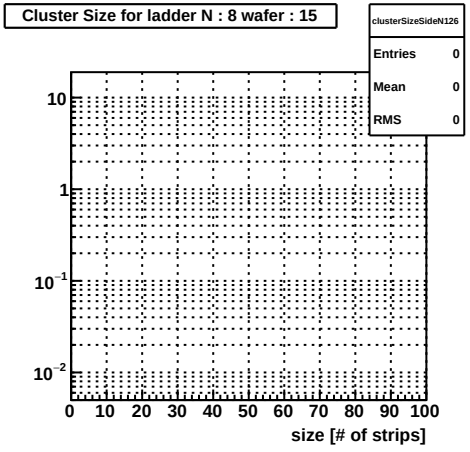

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1081
Mean 1.325
RMS 0.6671
size [# of strips]

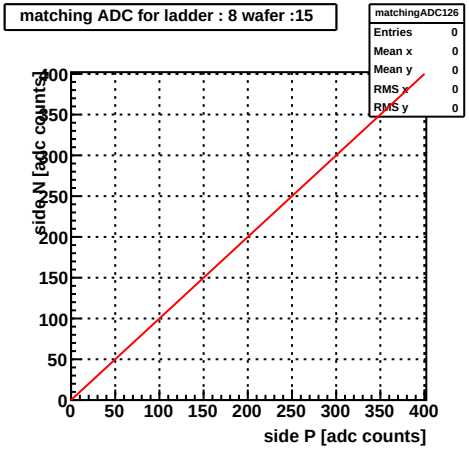

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

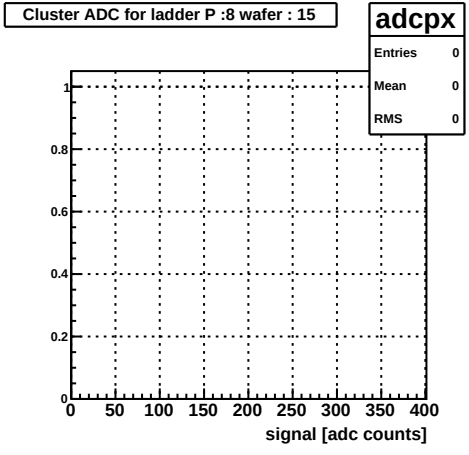

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

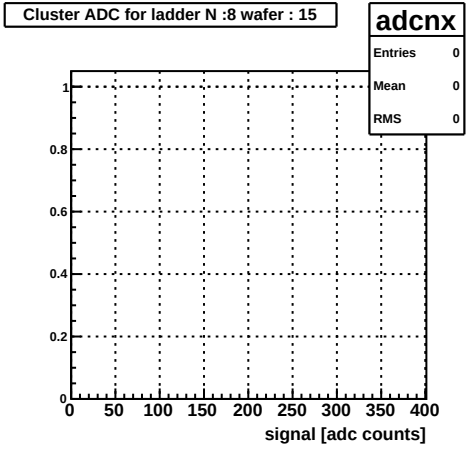

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1081
Mean 50.15
RMS 56.09
signal [adc counts]

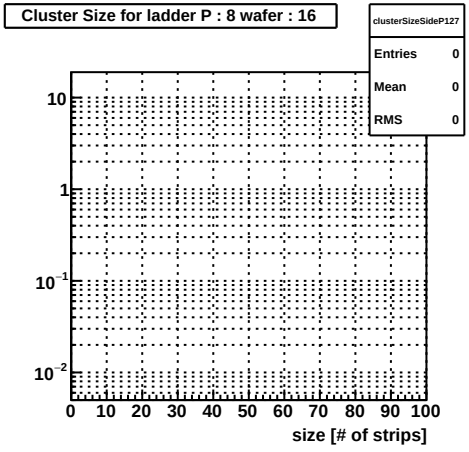

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

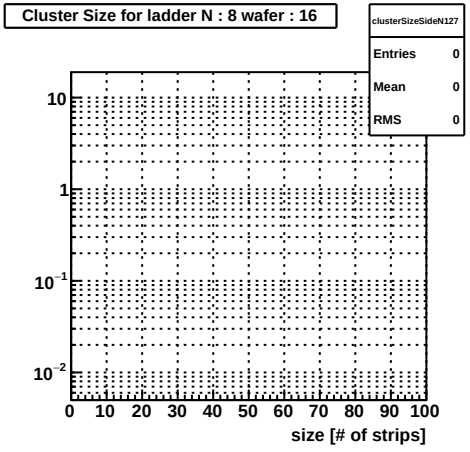

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

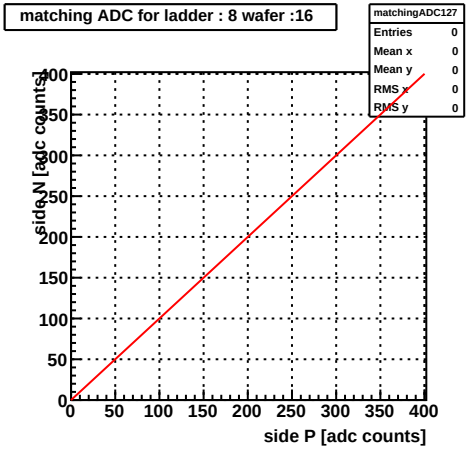

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

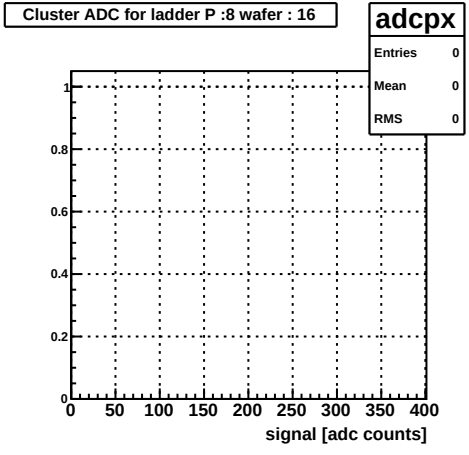

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

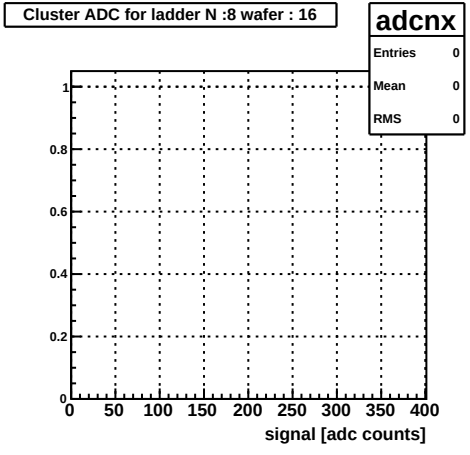

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

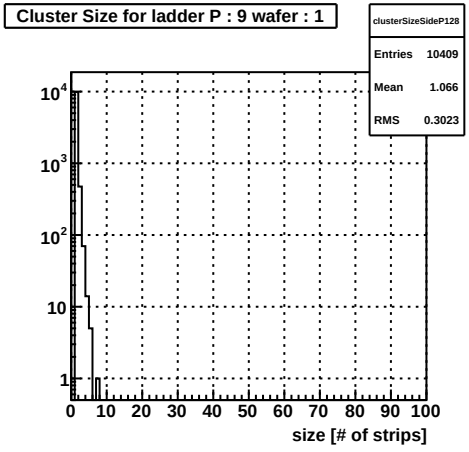

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

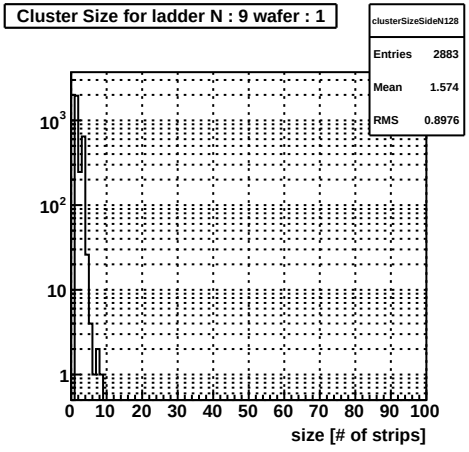

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

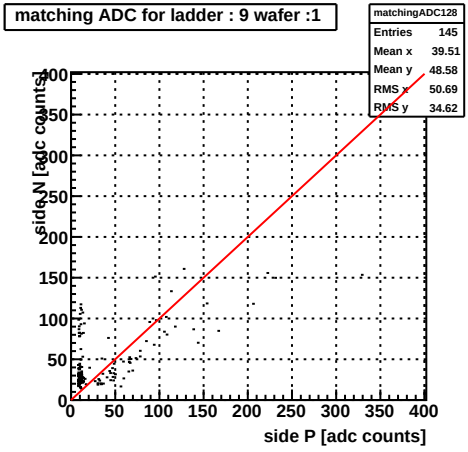

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

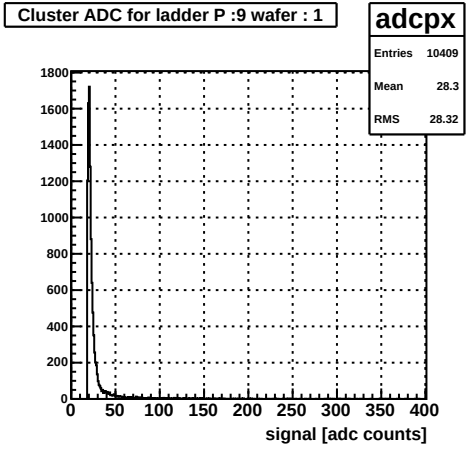

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

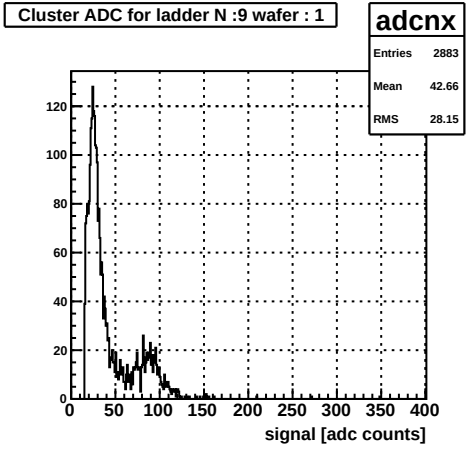

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

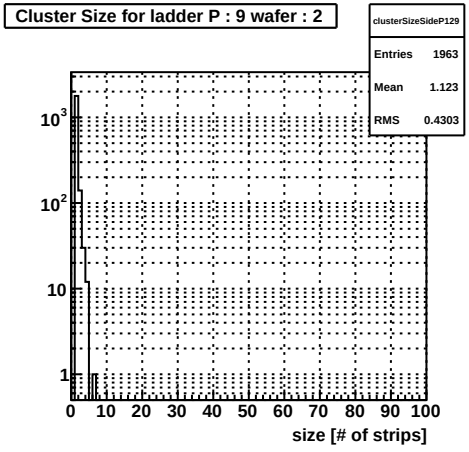

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10409
Mean 1.066
RMS 0.3023
size [# of strips]

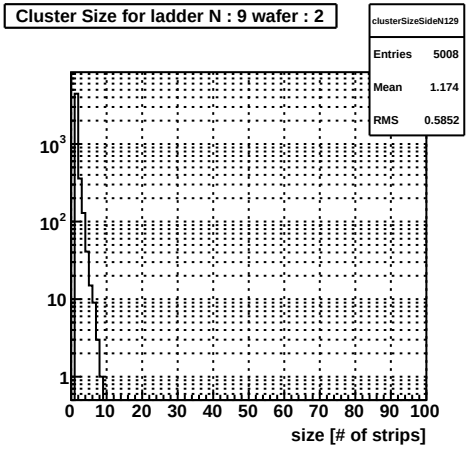

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2883
Mean 1.574
RMS 0.8976
size [# of strips]

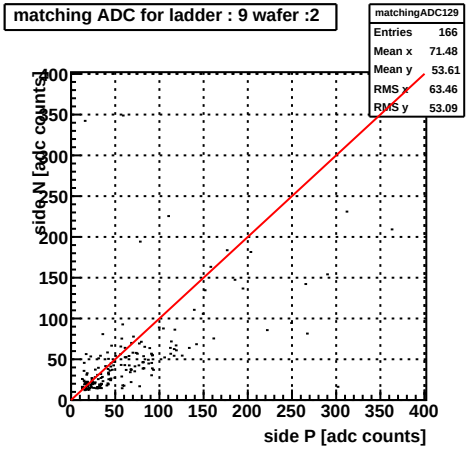

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 145
Mean x 39.51
Mean y 48.58
RMS x 50.69
RMS y 34.62
side N [adc counts]
side P [adc counts]

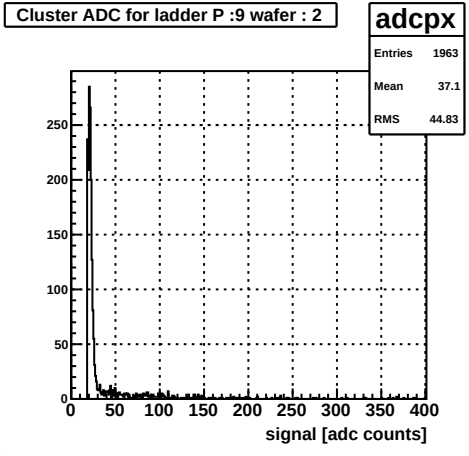

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10409
Mean 28.3
RMS 28.32
signal [adc counts]

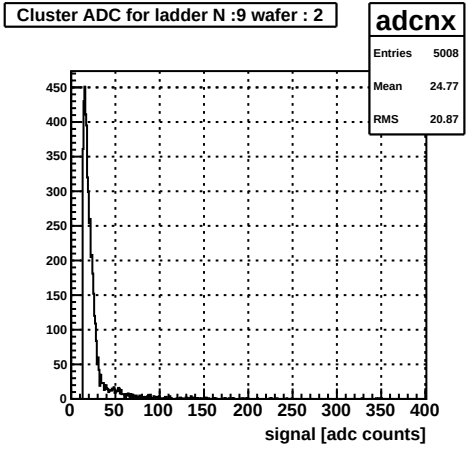

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2883
Mean 42.66
RMS 28.15
signal [adc counts]

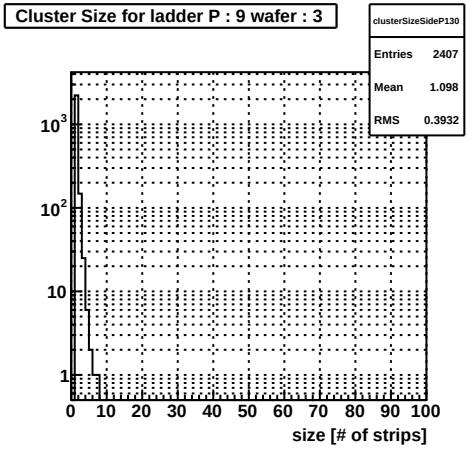

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1963
Mean 1.123
RMS 0.4303
size [# of strips]

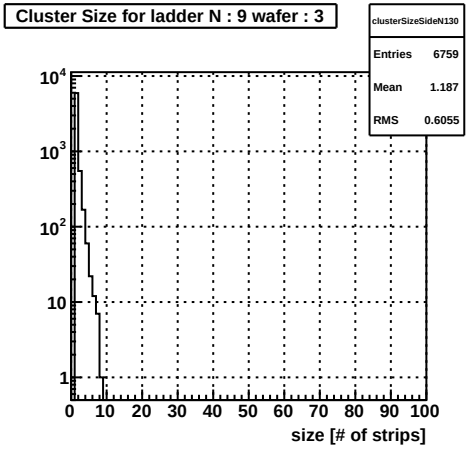

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5008
Mean 1.174
RMS 0.5852
size [# of strips]

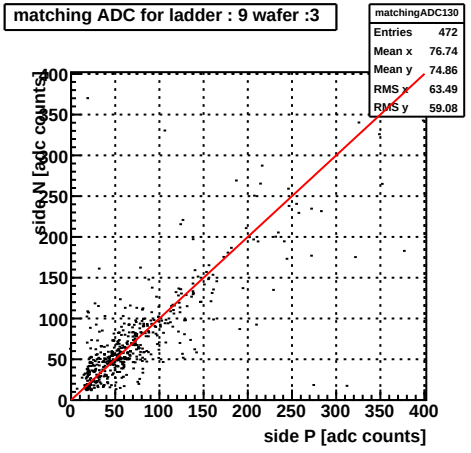

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 166
Mean x 71.48
Mean y 53.61
RMS x 63.46
RMS y 53.09
side N [adc counts]
side P [adc counts]

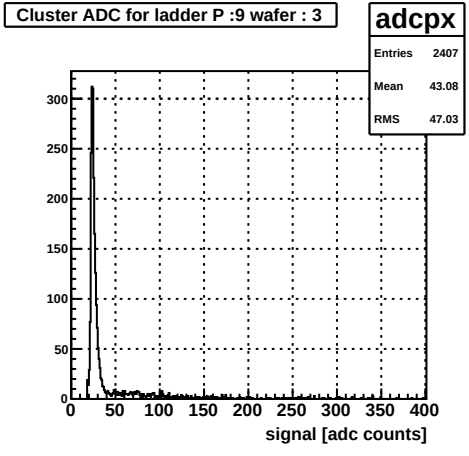

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1963
Mean 37.1
RMS 44.83
signal [adc counts]

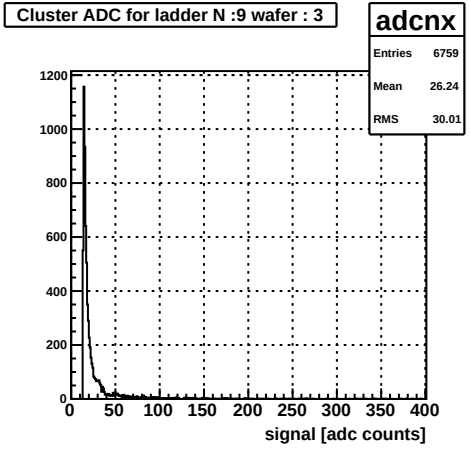

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5008
Mean 24.77
RMS 20.87
signal [adc counts]

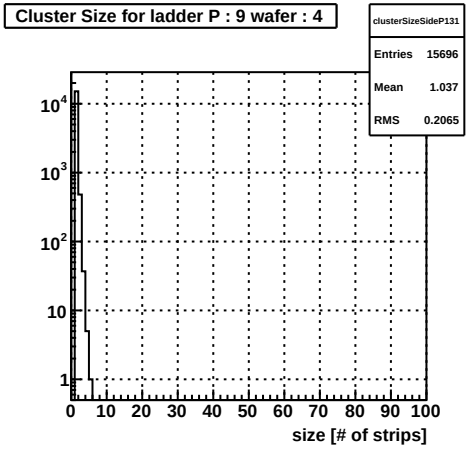

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2407
Mean 1.098
RMS 0.3932
size [# of strips]

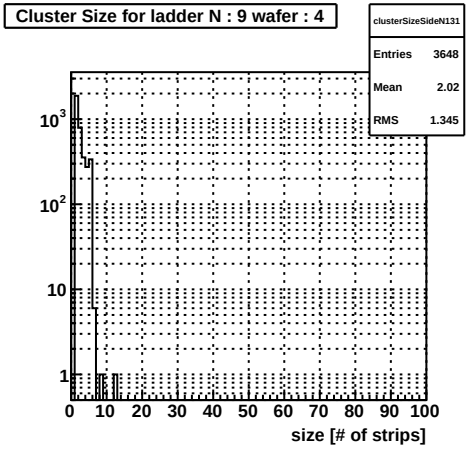

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 6759
Mean 1.187
RMS 0.6055
size [# of strips]

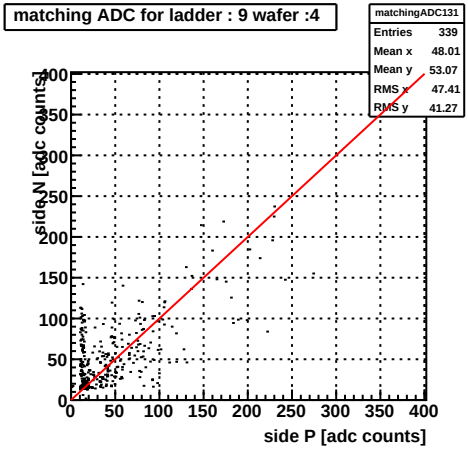

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 472
Mean x 76.74
Mean y 74.86
RMS x 63.49
RMS y 59.08
side N [adc counts]
side P [adc counts]

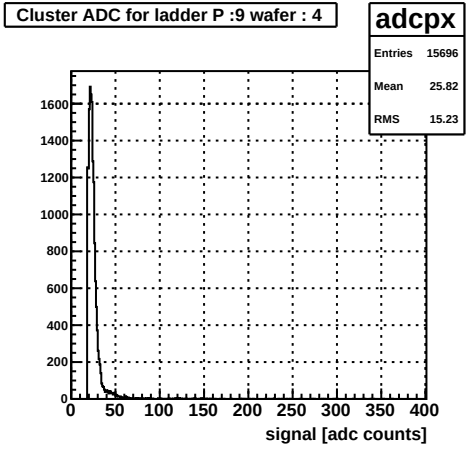

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2407
Mean 43.08
RMS 47.03
signal [adc counts]

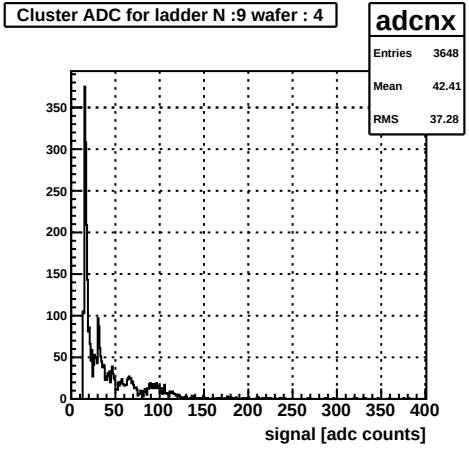

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 6759
Mean 26.24
RMS 30.01
signal [adc counts]

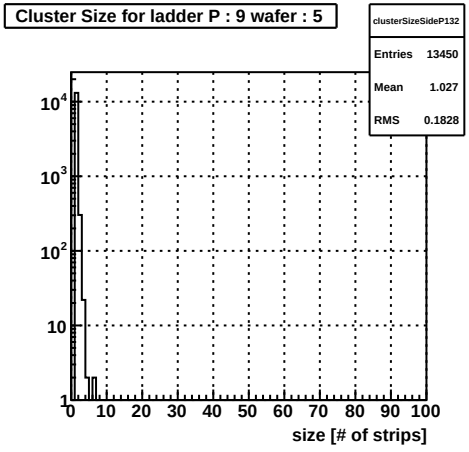

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 15696
Mean 1.037
RMS 0.2065
size [# of strips]

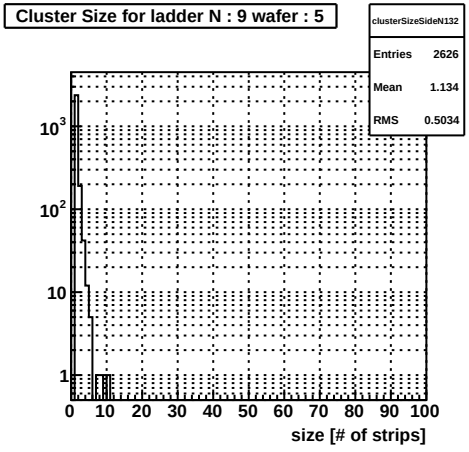

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3648
Mean 2.02
RMS 1.345
size [# of strips]

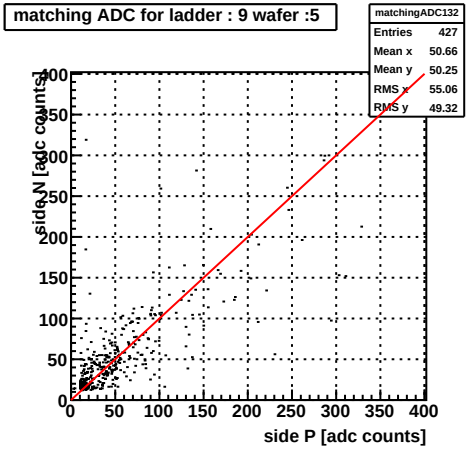

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 339
Mean x 48.01
Mean y 53.07
RMS x 47.41
RMS y 41.27
side N [adc counts]
side P [adc counts]

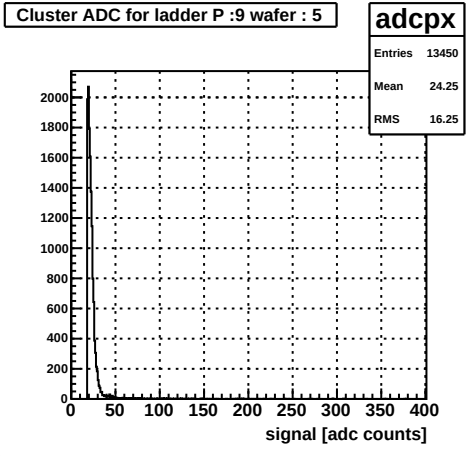

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 15696
Mean 25.82
RMS 15.23
signal [adc counts]

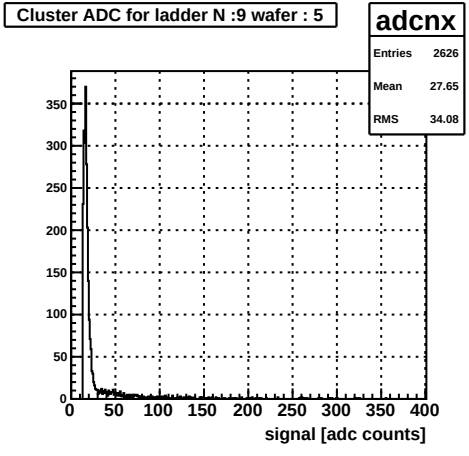

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3648
Mean 42.41
RMS 37.28
signal [adc counts]

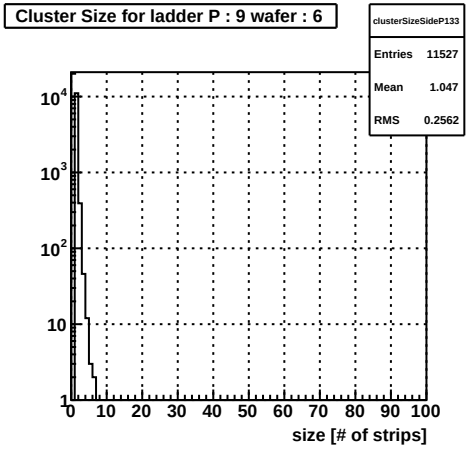

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 13450
Mean 1.027
RMS 0.1828
size [# of strips]

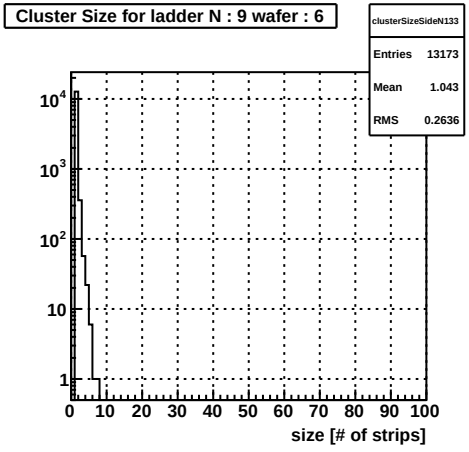

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2626
Mean 1.134
RMS 0.5034
size [# of strips]

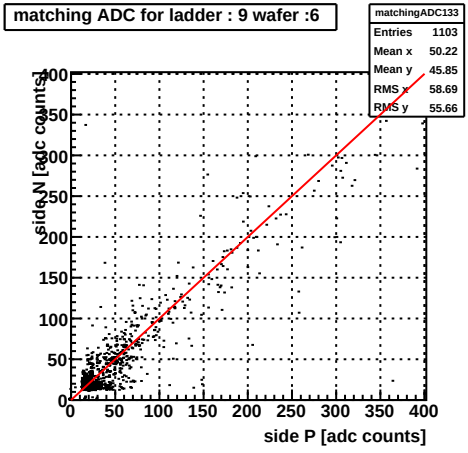

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 427
Mean x 50.66
Mean y 50.25
RMS x 55.06
RMS y 49.32
side N [adc counts]
side P [adc counts]

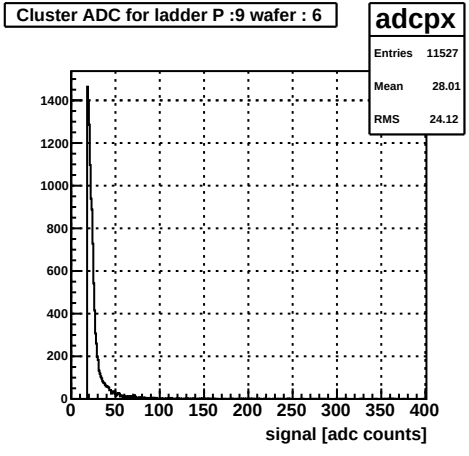

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 13450
Mean 24.25
RMS 16.25
signal [adc counts]

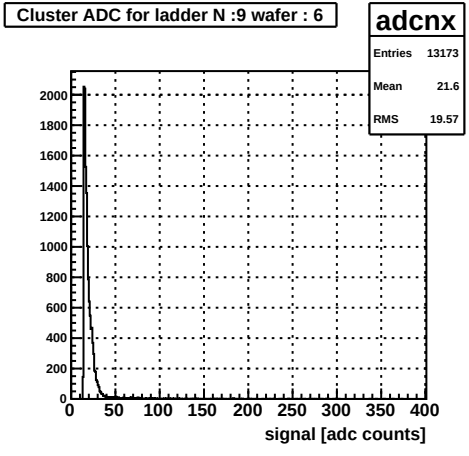

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2626
Mean 27.65
RMS 34.08
signal [adc counts]

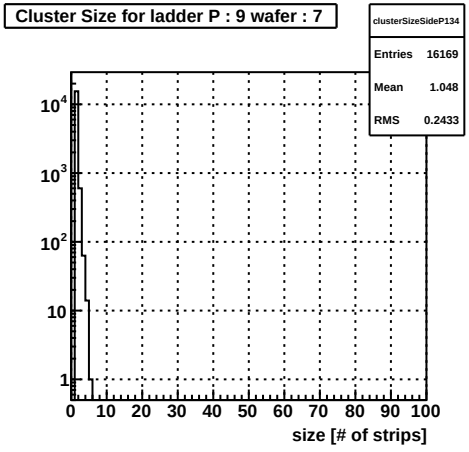

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 11527
Mean 1.047
RMS 0.2562
size [# of strips]

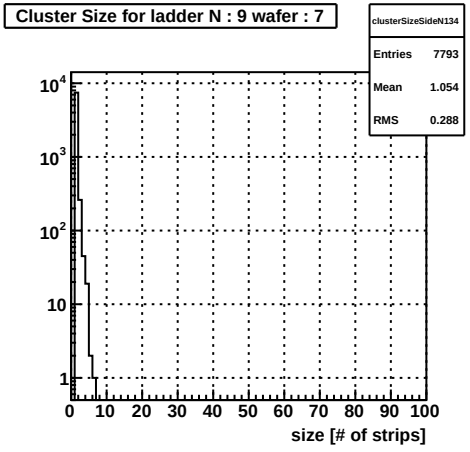

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 13173
Mean 1.043
RMS 0.2636
size [# of strips]

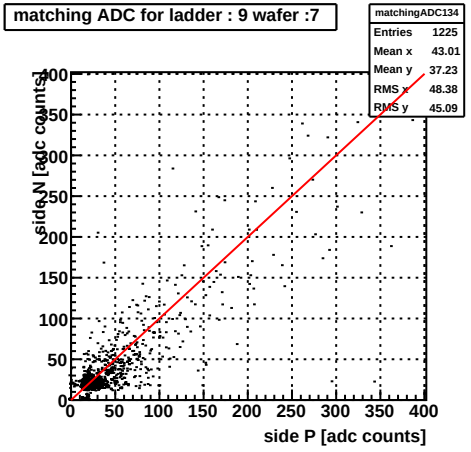

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1103
Mean x 50.22
Mean y 45.85
RMS x 58.69
RMS y 55.66
side N [adc counts]
side P [adc counts]

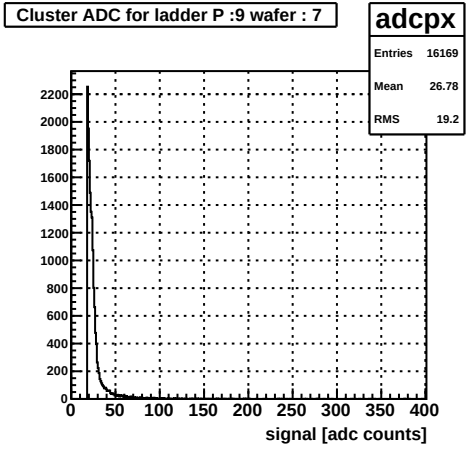

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 11527
Mean 28.01
RMS 24.12
signal [adc counts]

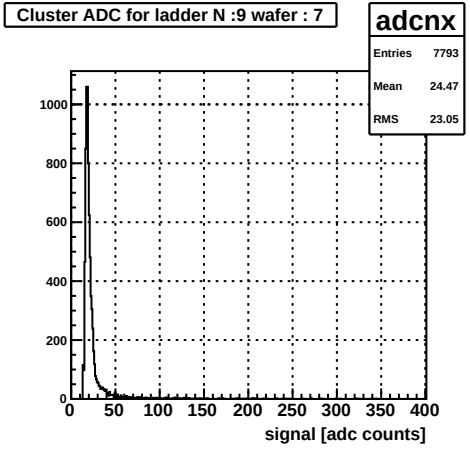

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 13173
Mean 21.6
RMS 19.57
signal [adc counts]

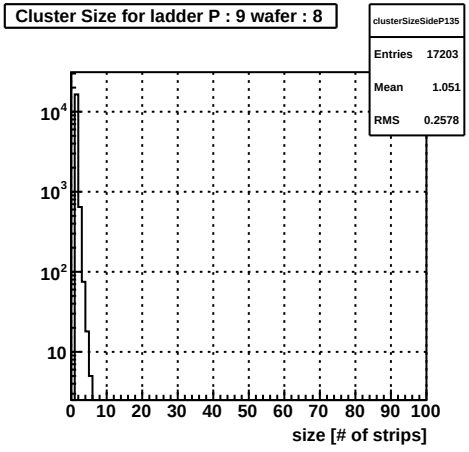

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 16169
Mean 1.048
RMS 0.2433
size [# of strips]

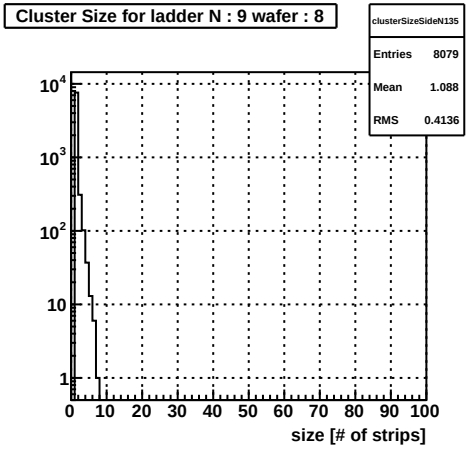

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 7793
Mean 1.054
RMS 0.288
size [# of strips]

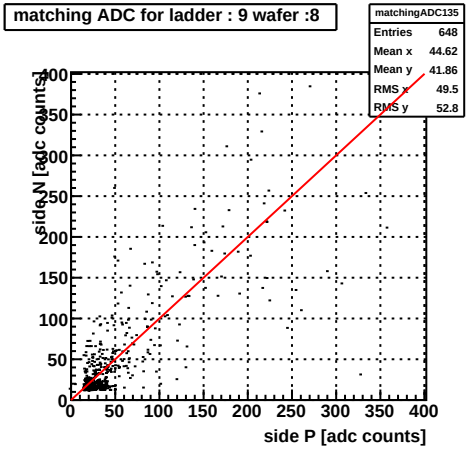

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1225
Mean x 43.01
Mean y 37.23
RMS x 48.38
RMS y 45.09
side N [adc counts]
side P [adc counts]

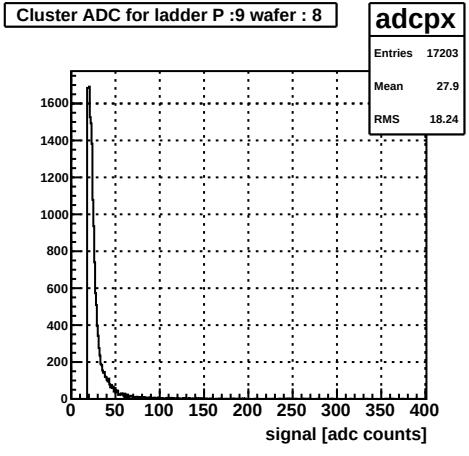

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 16169
Mean 26.78
RMS 19.2
signal [adc counts]

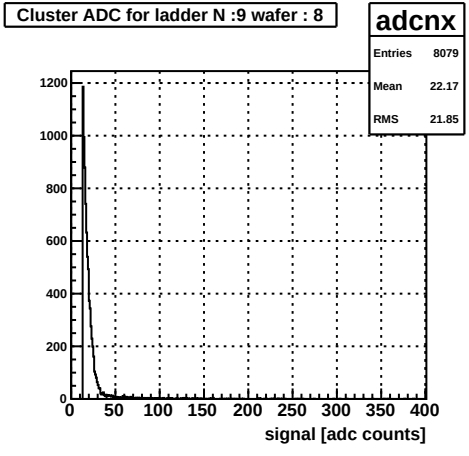

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 7793
Mean 24.47
RMS 23.05
signal [adc counts]

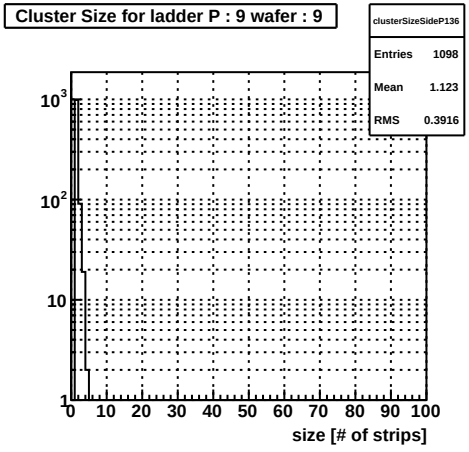

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 17203
Mean 1.051
RMS 0.2578
size [# of strips]

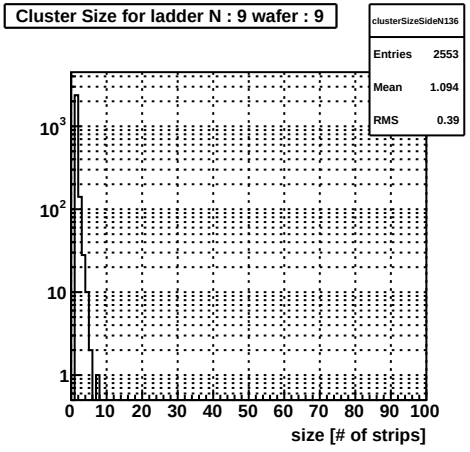

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8079
Mean 1.088
RMS 0.4136
size [# of strips]

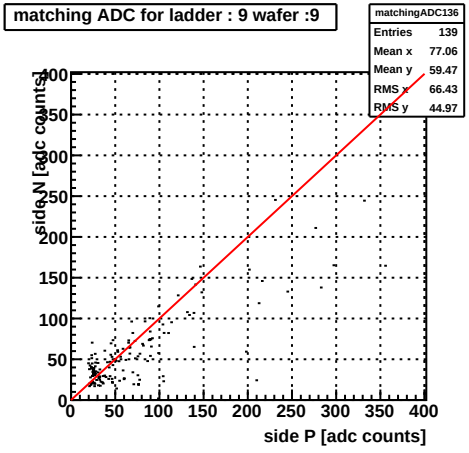

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 648
Mean x 44.62
Mean y 41.86
RMS x 49.5
RMS y 52.8
side N [adc counts]
side P [adc counts]

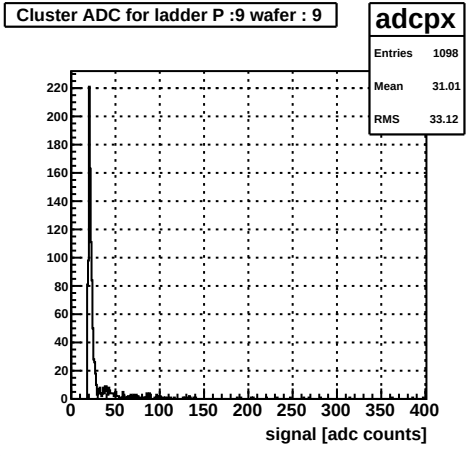

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 17203
Mean 27.9
RMS 18.24
signal [adc counts]

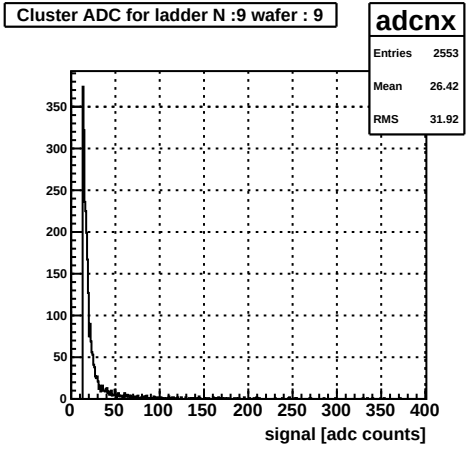

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8079
Mean 22.17
RMS 21.85
signal [adc counts]

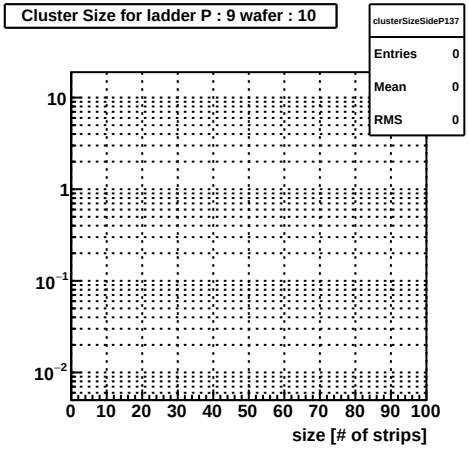

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1098
Mean 1.123
RMS 0.3916
size [# of strips]

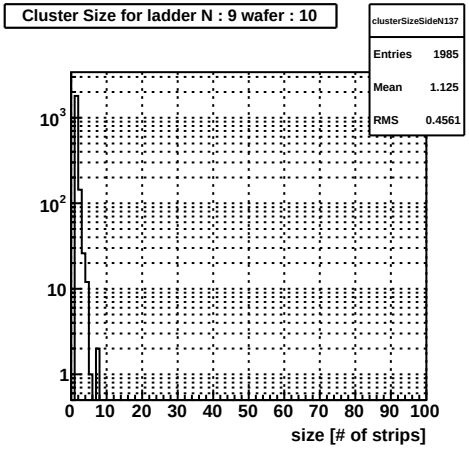

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2553
Mean 1.094
RMS 0.39
size [# of strips]

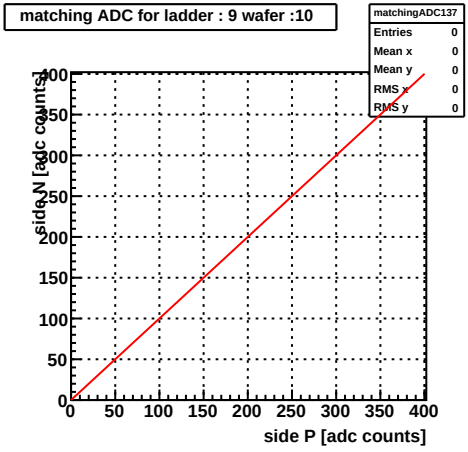

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 139
Mean x 77.06
Mean y 59.47
RMS x 66.43
RMS y 44.97
side N [adc counts]
side P [adc counts]

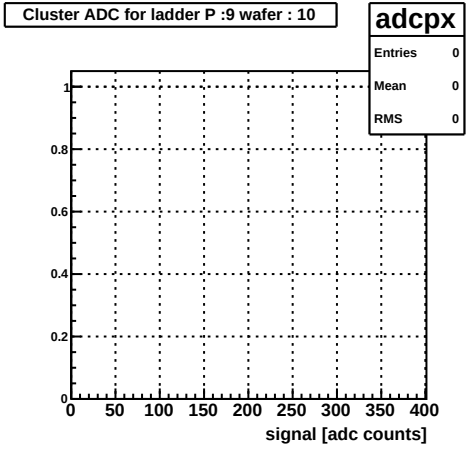

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1098
Mean 31.01
RMS 33.12
signal [adc counts]

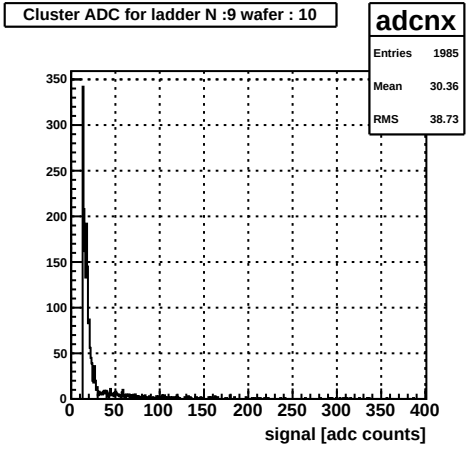

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2553
Mean 26.42
RMS 31.92
signal [adc counts]

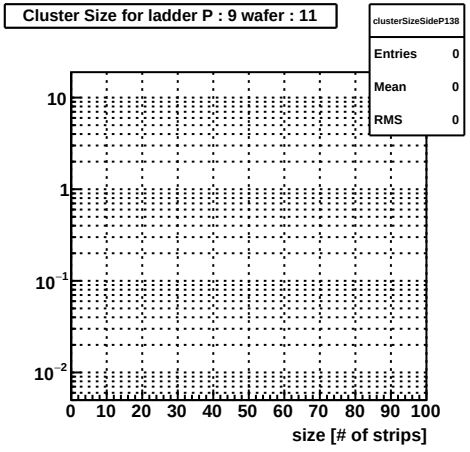

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

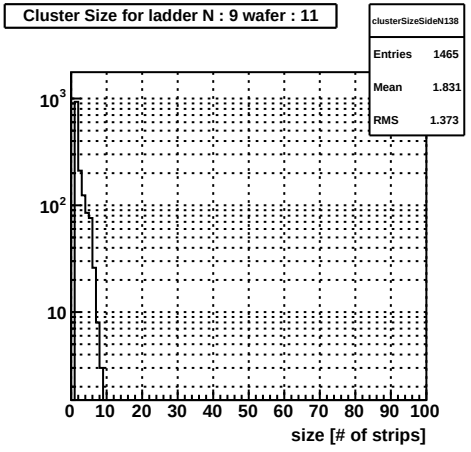

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1985
Mean 1.125
RMS 0.4561
size [# of strips]

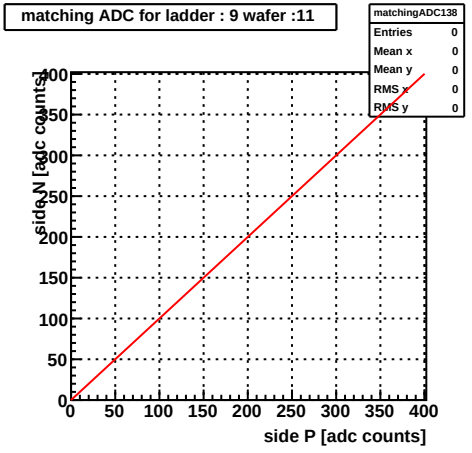

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

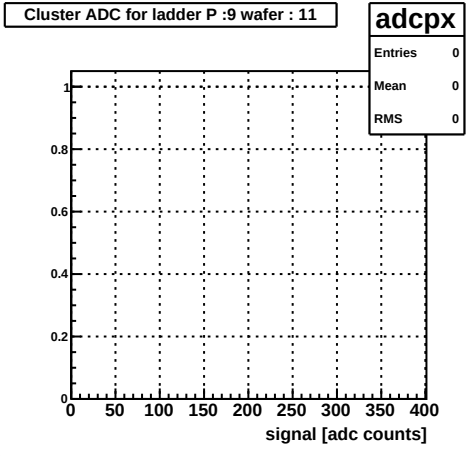

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

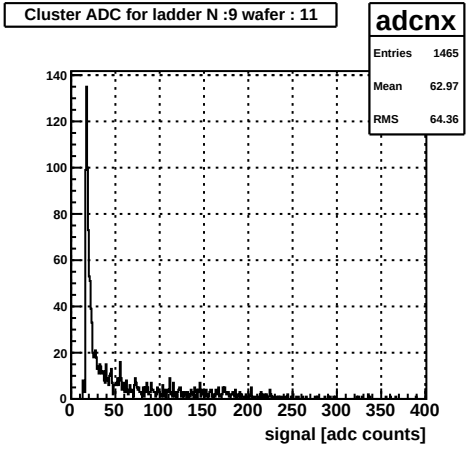

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1985
Mean 30.36
RMS 38.73
signal [adc counts]

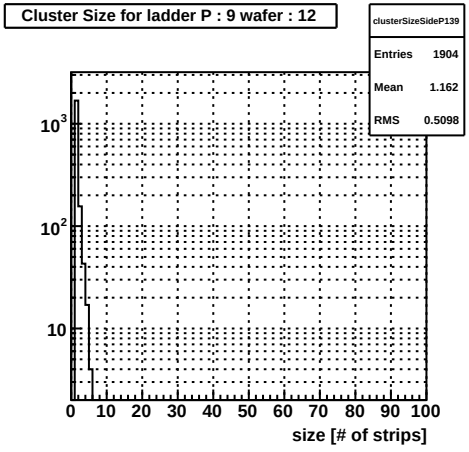

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

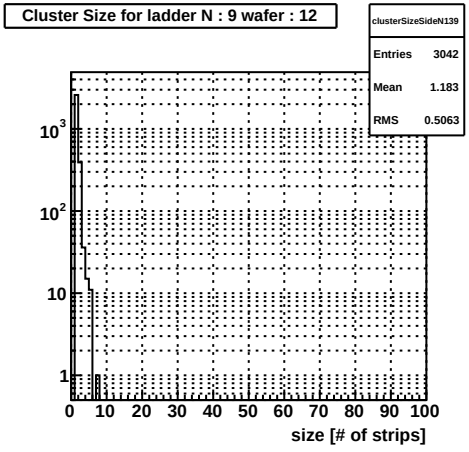

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1465
Mean 1.831
RMS 1.373
size [# of strips]

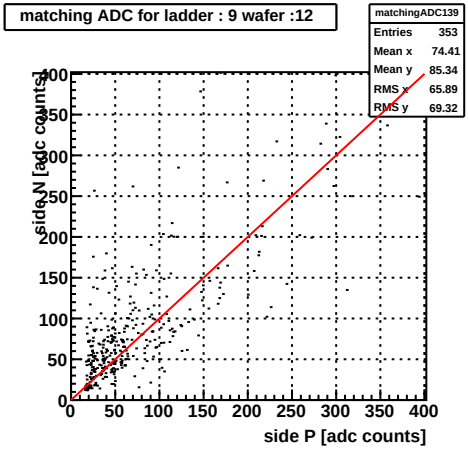

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

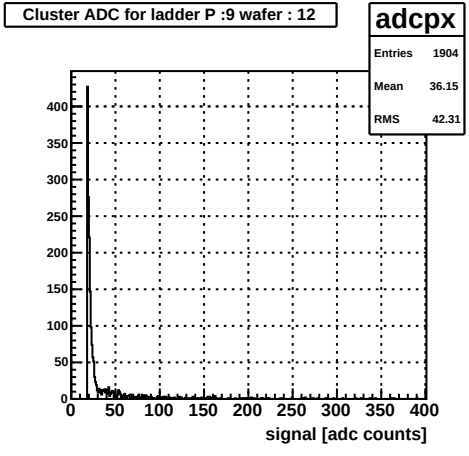

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

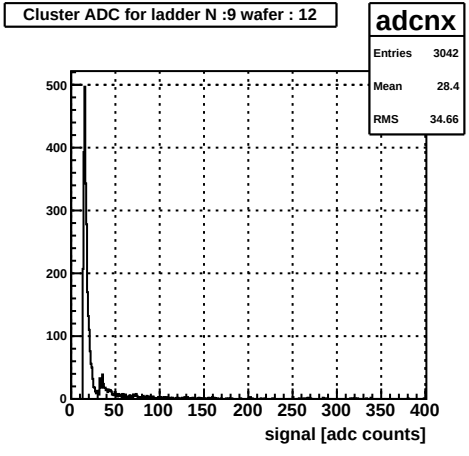

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1465
Mean 62.97
RMS 64.36
signal [adc counts]

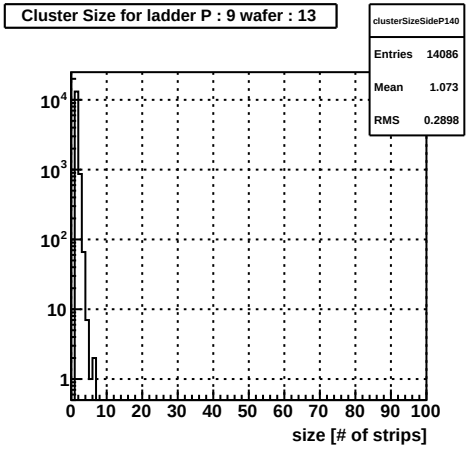

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1904
Mean 1.162
RMS 0.5098
size [# of strips]

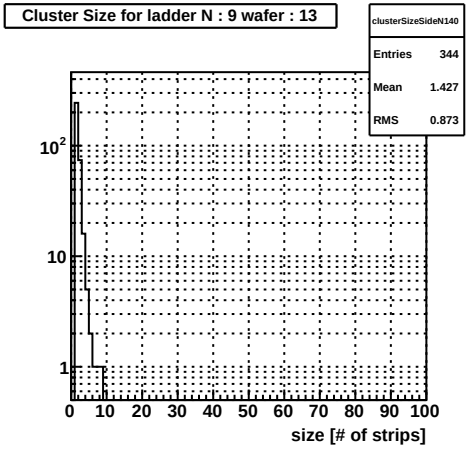

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3042
Mean 1.183
RMS 0.5063
size [# of strips]

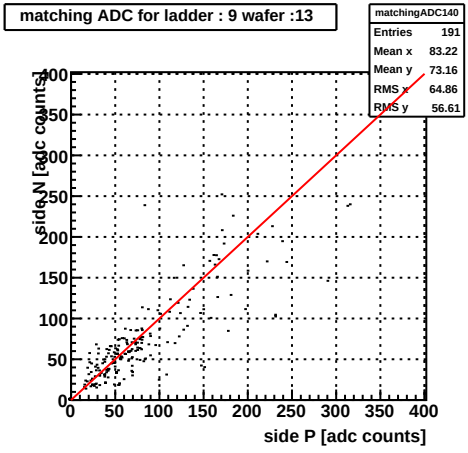

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 353
Mean x 74.41
Mean y 85.34
RMS x 65.89
RMS y 69.32
side N [adc counts]
side P [adc counts]

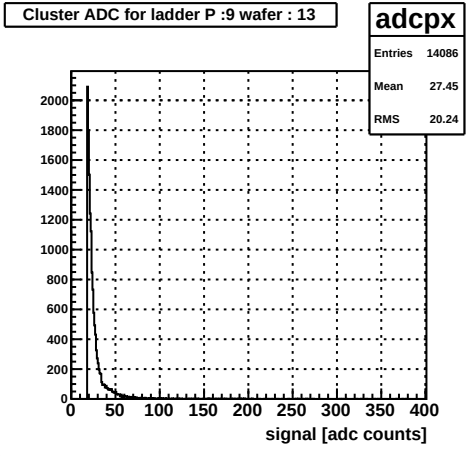

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1904
Mean 36.15
RMS 42.31
signal [adc counts]

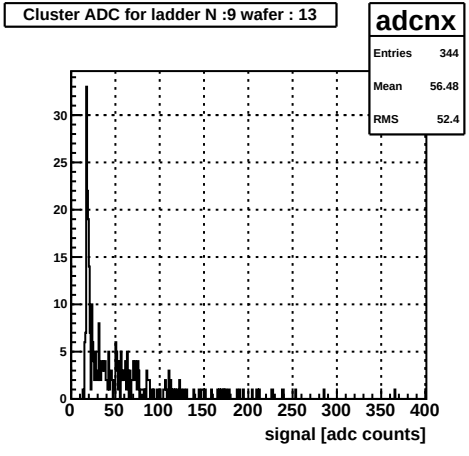

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3042
Mean 28.4
RMS 34.66
signal [adc counts]

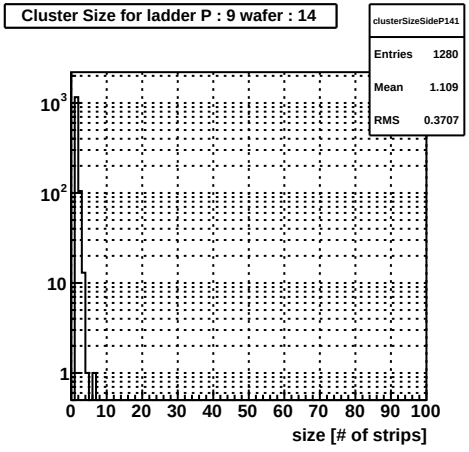

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14086
Mean 1.073
RMS 0.2898
size [# of strips]

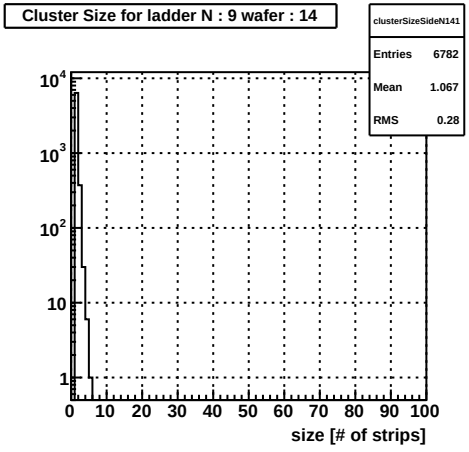

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 344
Mean 1.427
RMS 0.873
size [# of strips]

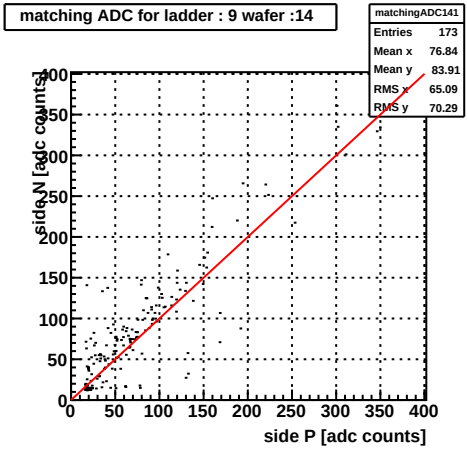

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 191
Mean x 83.22
Mean y 73.16
RMS x 64.86
RMS y 56.61
side N [adc counts]
side P [adc counts]

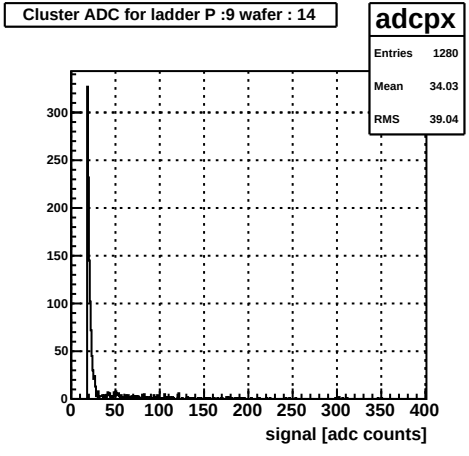

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14086
Mean 27.45
RMS 20.24
signal [adc counts]

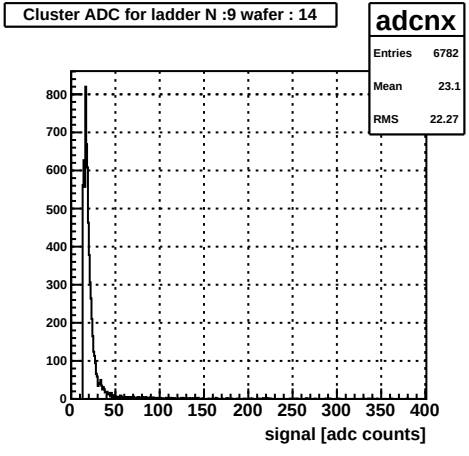

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 344
Mean 56.48
RMS 52.4
signal [adc counts]

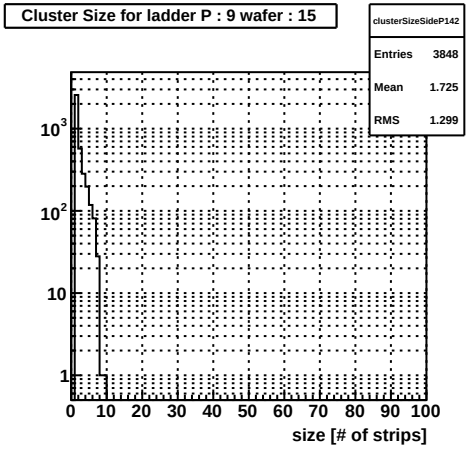

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1280
Mean 1.109
RMS 0.3707
size [# of strips]

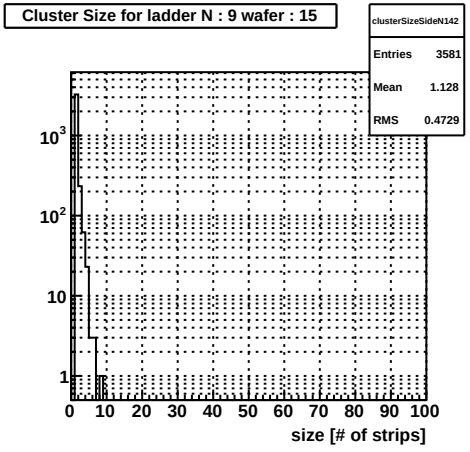

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 6782
Mean 1.067
RMS 0.28
size [# of strips]

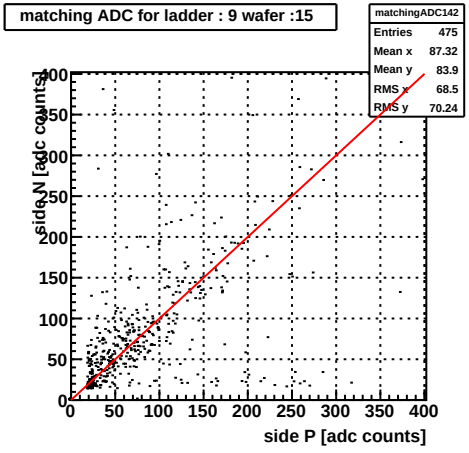

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 173
Mean x 76.84
Mean y 83.91
RMS x 65.09
RMS y 70.29
side N [adc counts]
side P [adc counts]

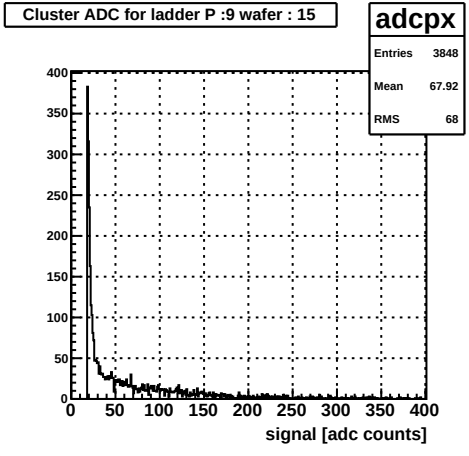

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1280
Mean 34.03
RMS 39.04
signal [adc counts]

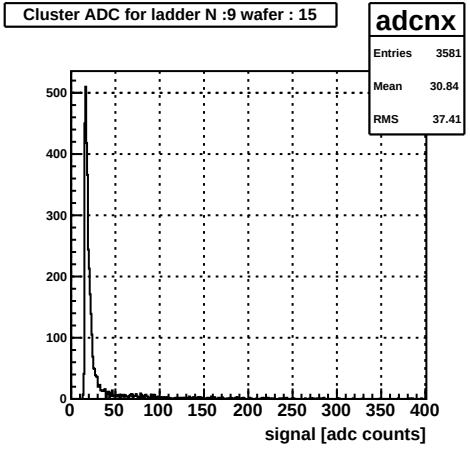

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 6782
Mean 23.1
RMS 22.27
signal [adc counts]

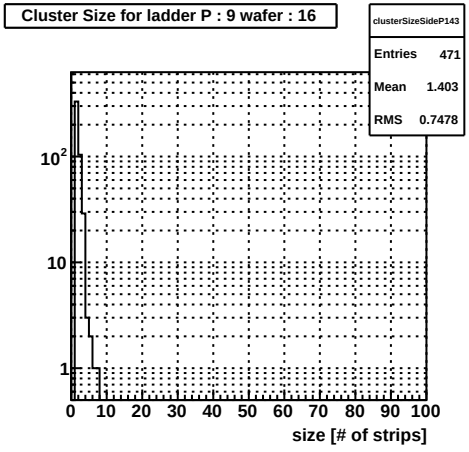

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3848
Mean 1.725
RMS 1.299
size [# of strips]

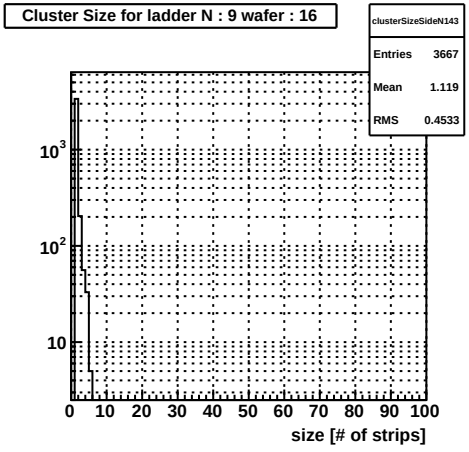

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3581
Mean 1.128
RMS 0.4729
size [# of strips]

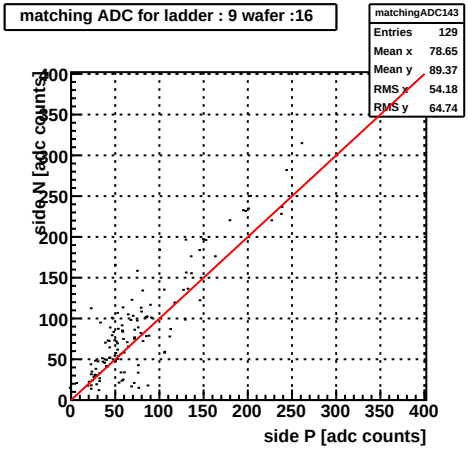

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 475
Mean x 87.32
Mean y 83.9
RMS x 68.5
RMS y 70.24
side N [adc counts]
side P [adc counts]

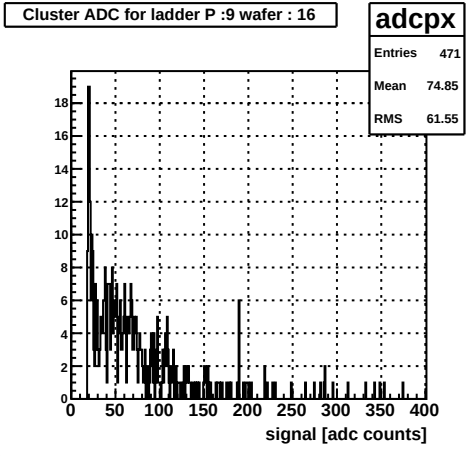

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3848
Mean 67.92
RMS 68
signal [adc counts]

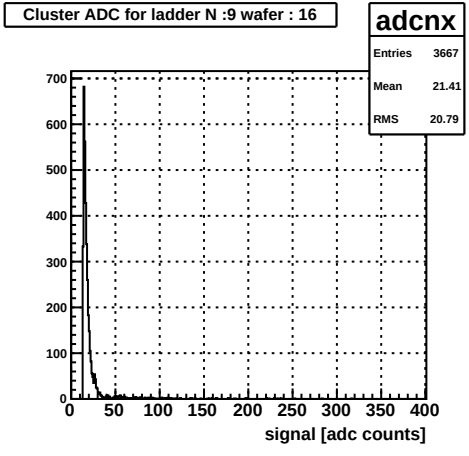

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3581
Mean 30.84
RMS 37.41
signal [adc counts]

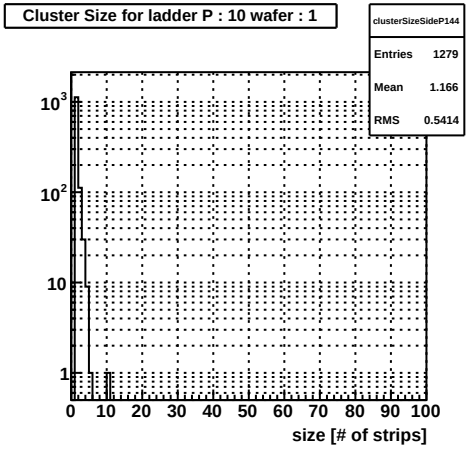

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 471
Mean 1.403
RMS 0.7478
size [# of strips]

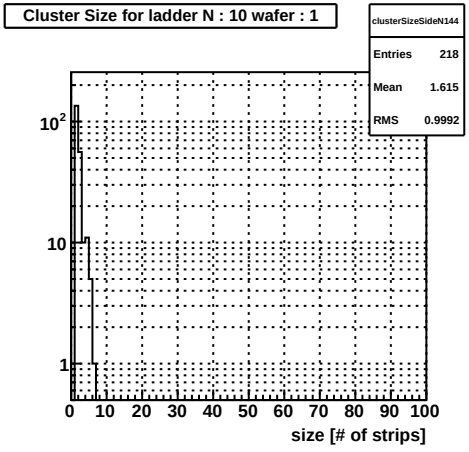

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3667
Mean 1.119
RMS 0.4533
size [# of strips]

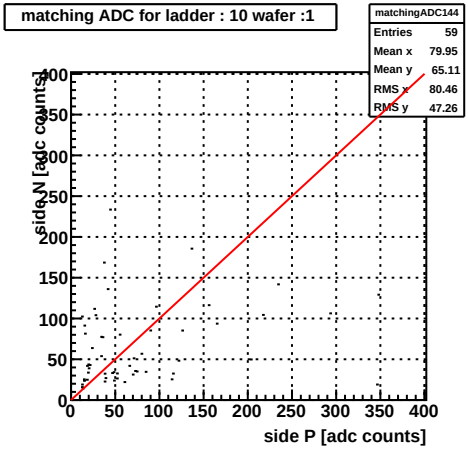

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 129
Mean x 78.65
Mean y 89.37
RMS x 54.18
RMS y 64.74
side N [adc counts]
side P [adc counts]

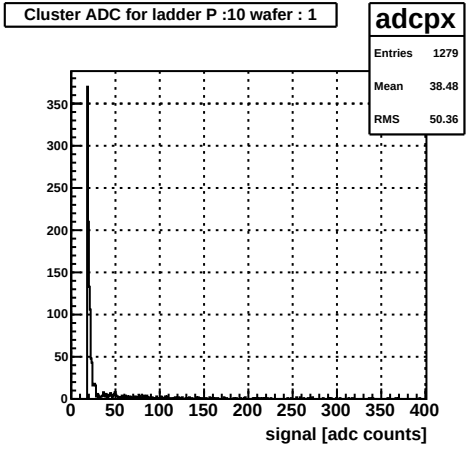

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 471
Mean 74.85
RMS 61.55
signal [adc counts]

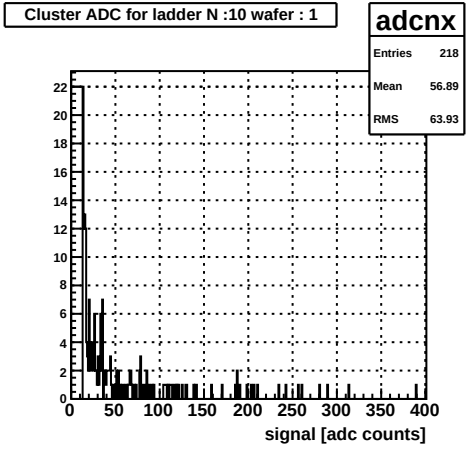

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3667
Mean 21.41
RMS 20.79
signal [adc counts]

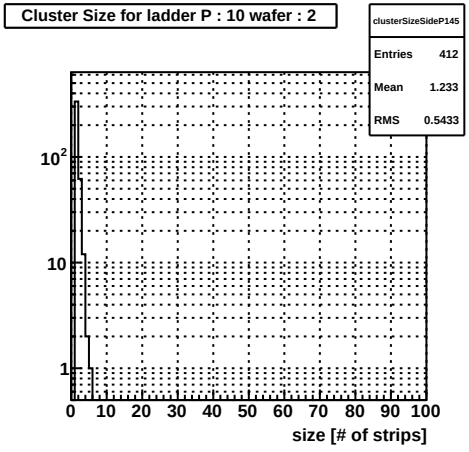

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1279
Mean 1.166
RMS 0.5414
size [# of strips]

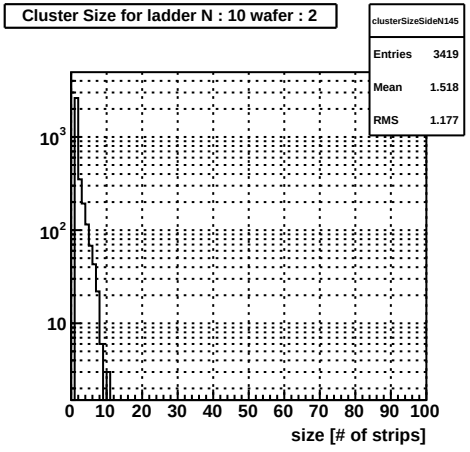

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 218
Mean 1.615
RMS 0.9992
size [# of strips]

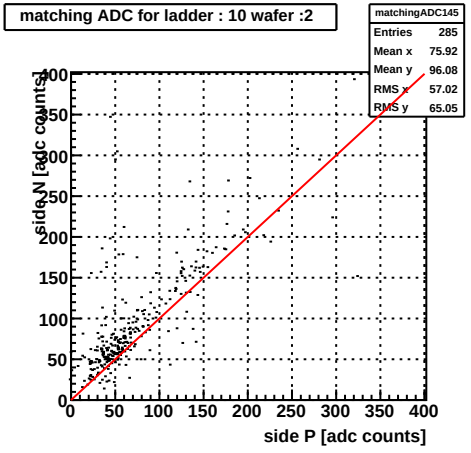

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 59
Mean x 79.95
Mean y 65.11
RMS x 80.46
RMS y 47.26
side N [adc counts]
side P [adc counts]

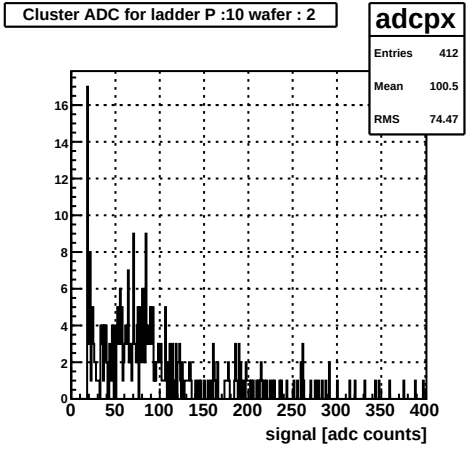

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1279
Mean 38.48
RMS 50.36
signal [adc counts]

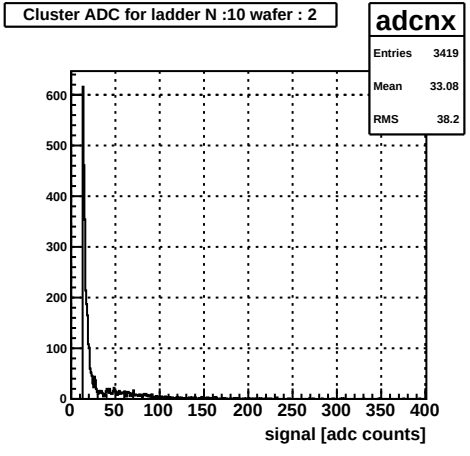

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 218
Mean 56.89
RMS 63.93
signal [adc counts]

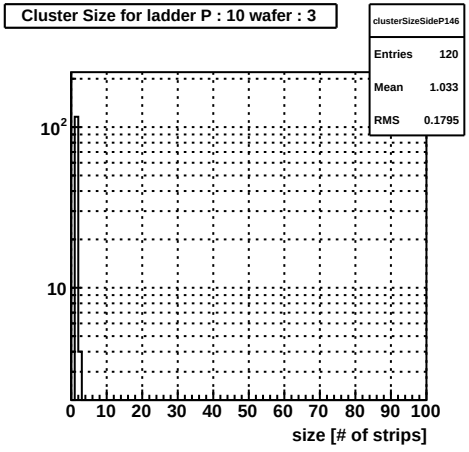

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 412
Mean 1.233
RMS 0.5433
size [# of strips]

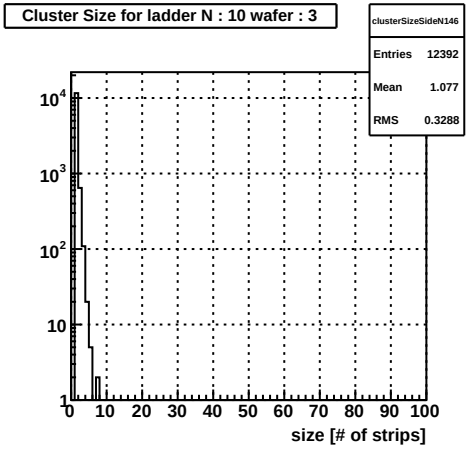

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3419
Mean 1.518
RMS 1.177
size [# of strips]

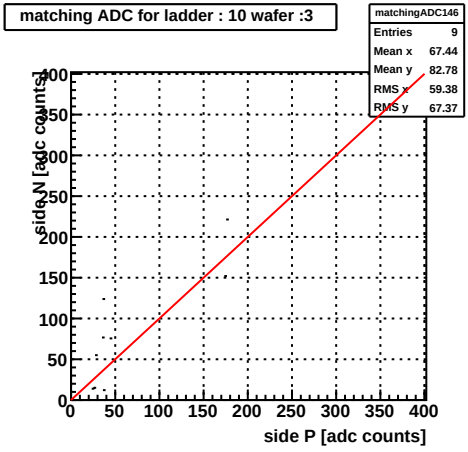

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 285
Mean x 75.92
Mean y 96.08
RMS x 57.02
RMS y 65.05
side N [adc counts]
side P [adc counts]

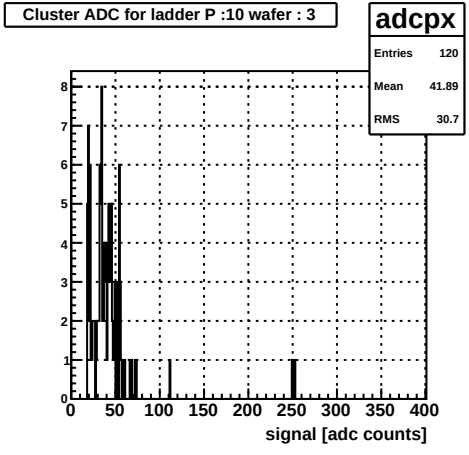

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 412
Mean 100.5
RMS 74.47
signal [adc counts]

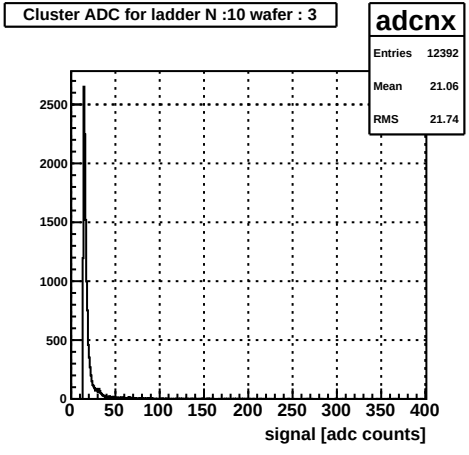

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3419
Mean 33.08
RMS 38.2
signal [adc counts]

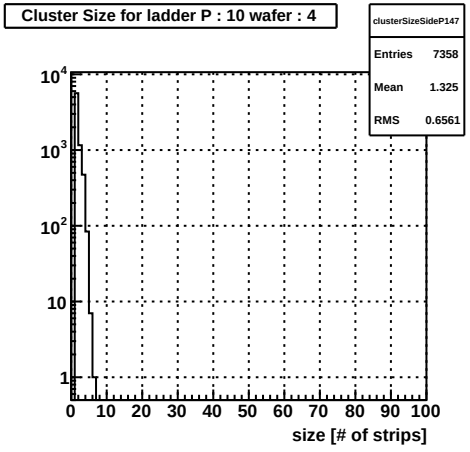

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 120
Mean 1.033
RMS 0.1795
size [# of strips]

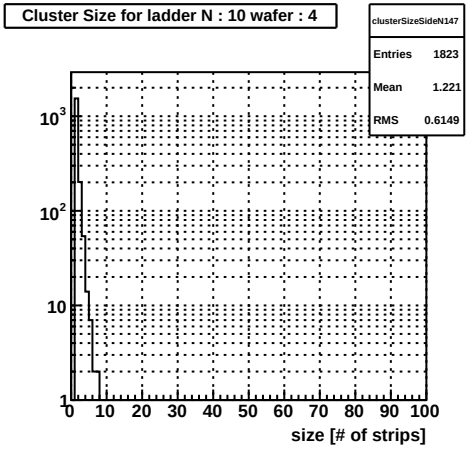

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12392
Mean 1.077
RMS 0.3288
size [# of strips]

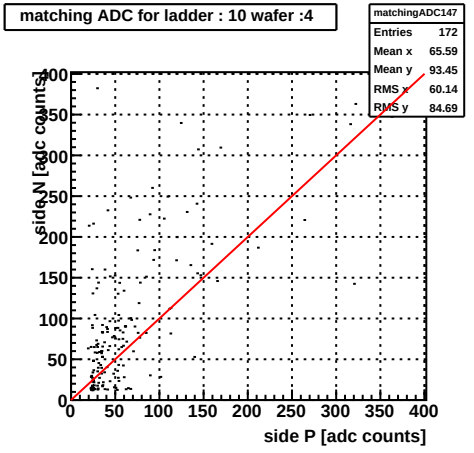

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 9
Mean x 67.44
Mean y 82.78
RMS x 59.38
RMS y 67.37
side N [adc counts]
side P [adc counts]

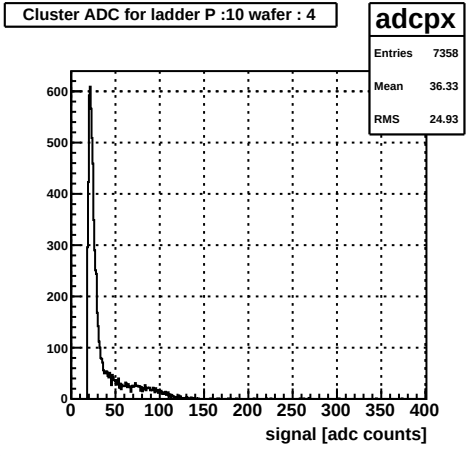

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 120
Mean 41.89
RMS 30.7
signal [adc counts]

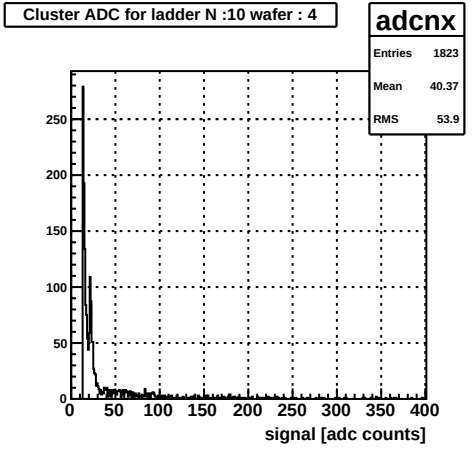

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12392
Mean 21.06
RMS 21.74
signal [adc counts]

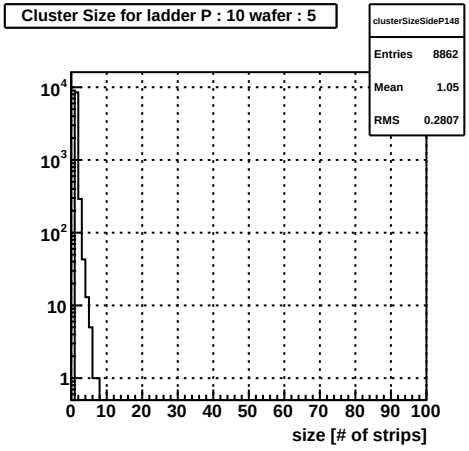

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7358
Mean 1.325
RMS 0.6561
size [# of strips]

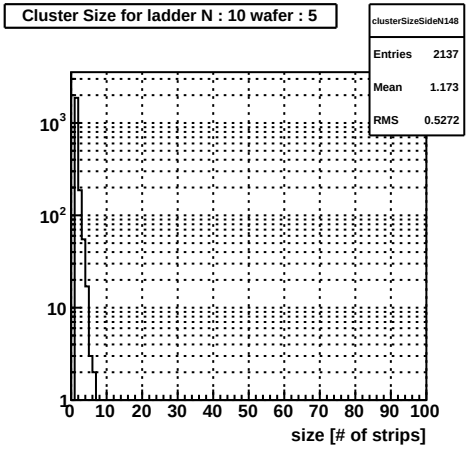

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1823
Mean 1.221
RMS 0.6149
size [# of strips]

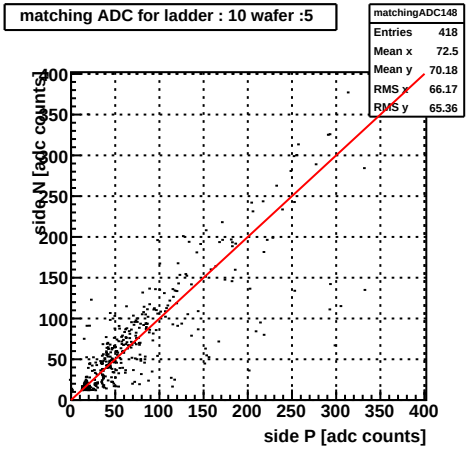

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 172
Mean x 65.59
Mean y 93.45
RMS x 60.14
RMS y 84.69
side N [adc counts]
side P [adc counts]

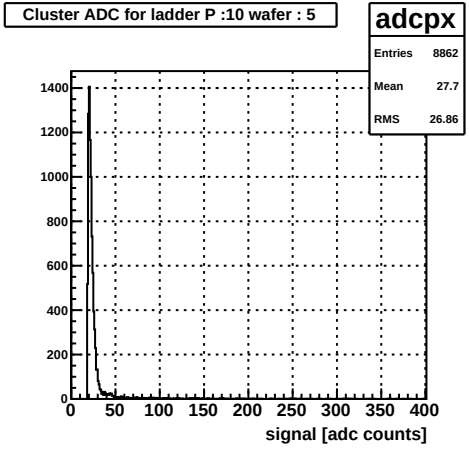

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7358
Mean 36.33
RMS 24.93
signal [adc counts]

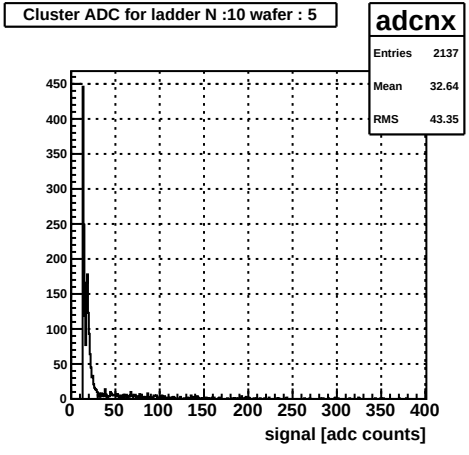

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1823
Mean 40.37
RMS 53.9
signal [adc counts]

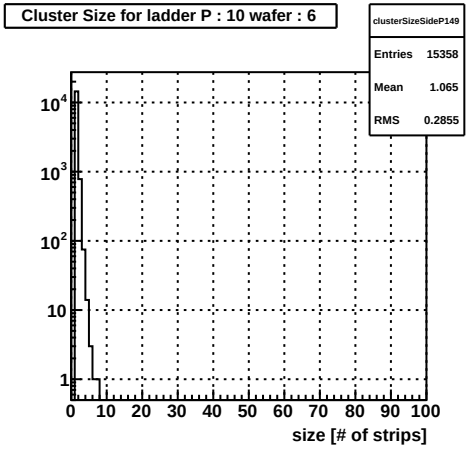

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8862
Mean 1.05
RMS 0.2807
size [# of strips]

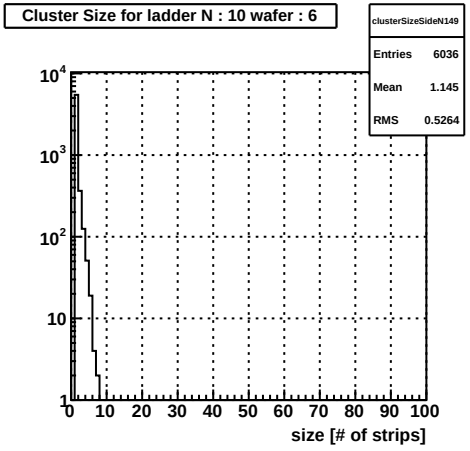

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2137
Mean 1.173
RMS 0.5272
size [# of strips]

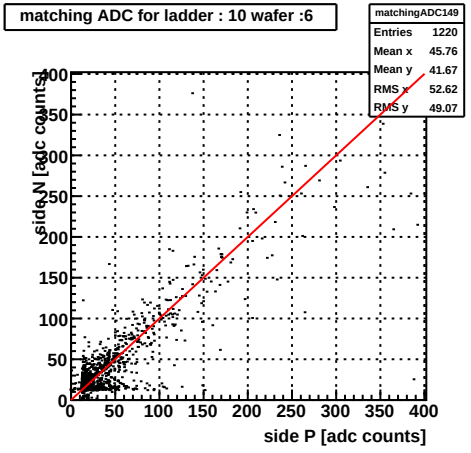

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 418
Mean x 72.5
Mean y 70.18
RMS x 66.17
RMS y 65.36
side N [adc counts]
side P [adc counts]

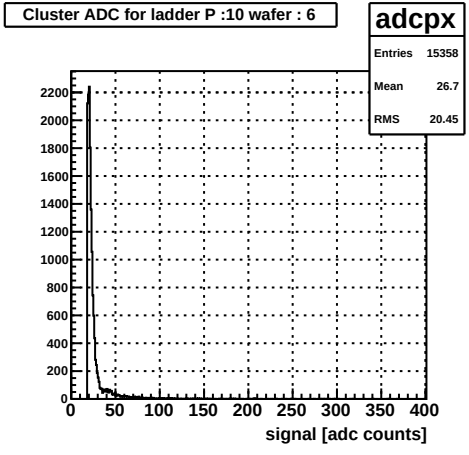

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8862
Mean 27.7
RMS 26.86
signal [adc counts]

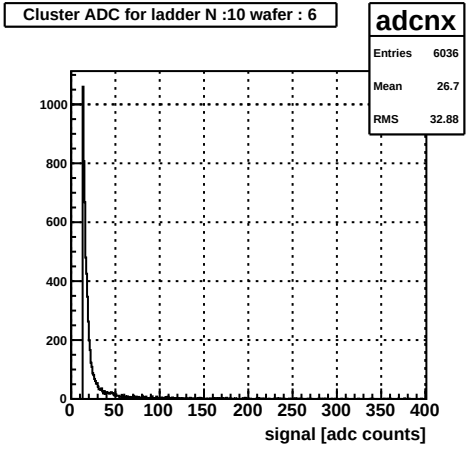

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2137
Mean 32.64
RMS 43.35
signal [adc counts]

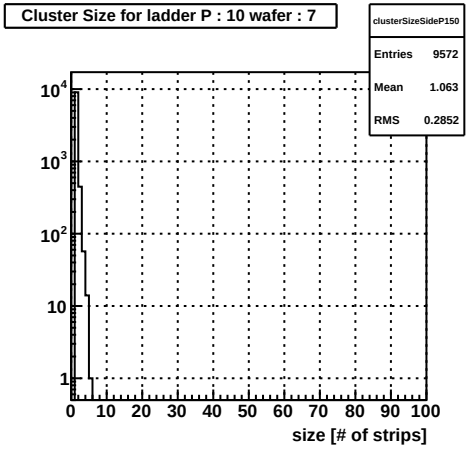

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 15358
Mean 1.065
RMS 0.2855
size [# of strips]

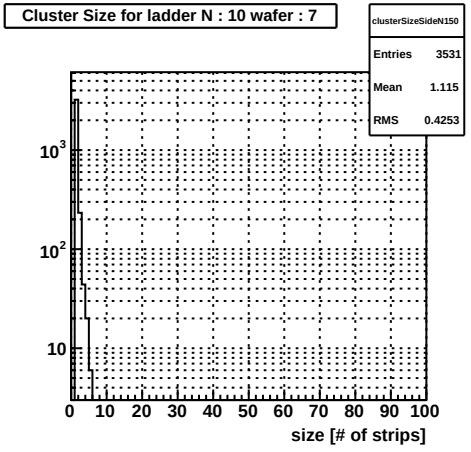

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 6036
Mean 1.145
RMS 0.5264
size [# of strips]

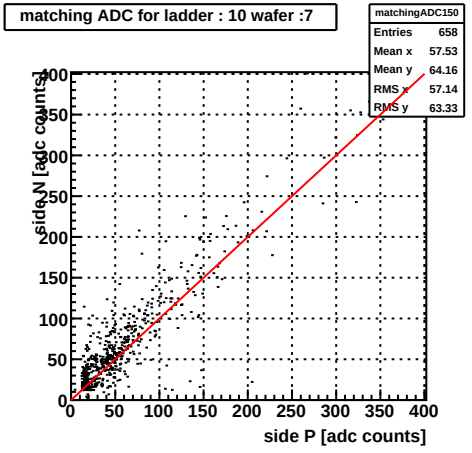

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1220
Mean x 45.76
Mean y 41.67
RMS x 52.62
RMS y 49.07
side N [adc counts]
side P [adc counts]

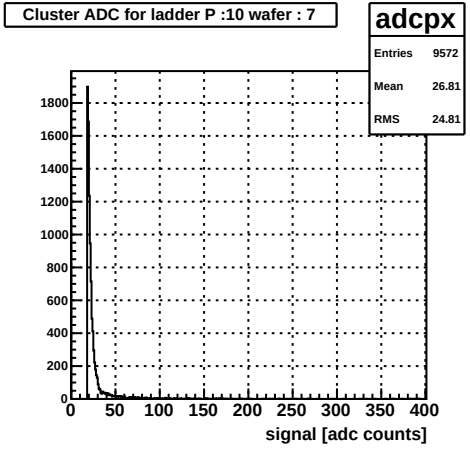

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 15358
Mean 26.7
RMS 20.45
signal [adc counts]

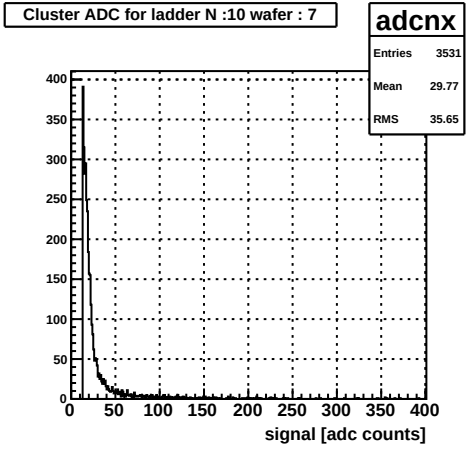

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 6036
Mean 26.7
RMS 32.88
signal [adc counts]

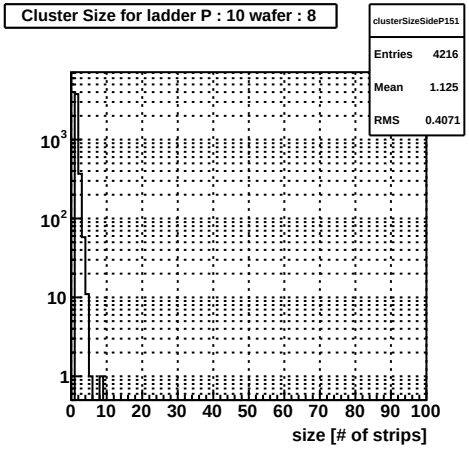

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9572
Mean 1.063
RMS 0.2852
size [# of strips]

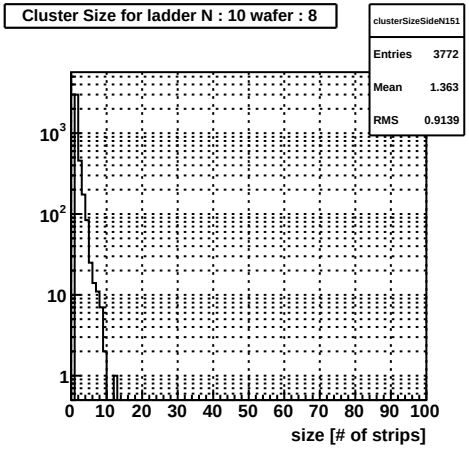

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3531
Mean 1.115
RMS 0.4253
size [# of strips]

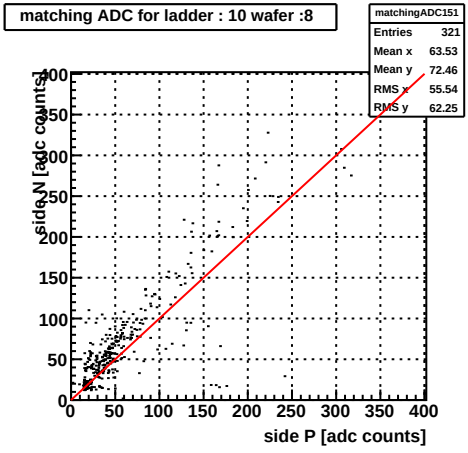

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 658
Mean x 57.53
Mean y 64.16
RMS x 57.14
RMS y 63.33
side N [adc counts]
side P [adc counts]

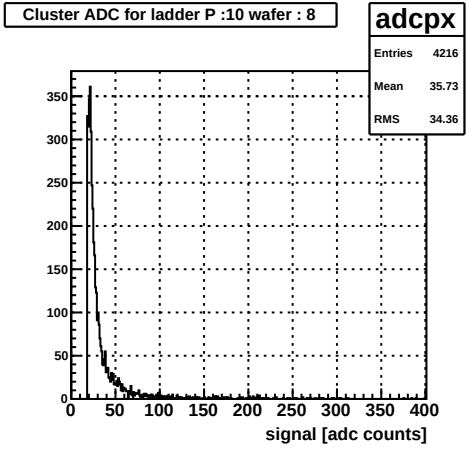

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9572
Mean 26.81
RMS 24.81
signal [adc counts]

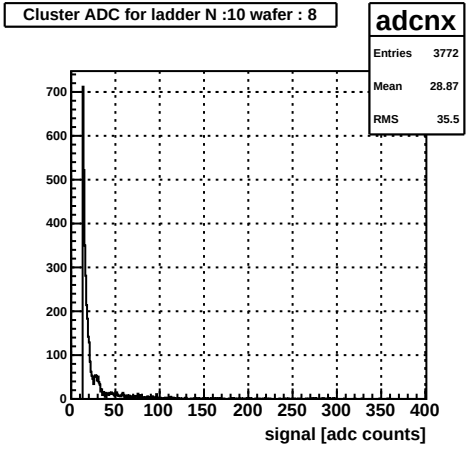

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3531
Mean 29.77
RMS 35.65
signal [adc counts]

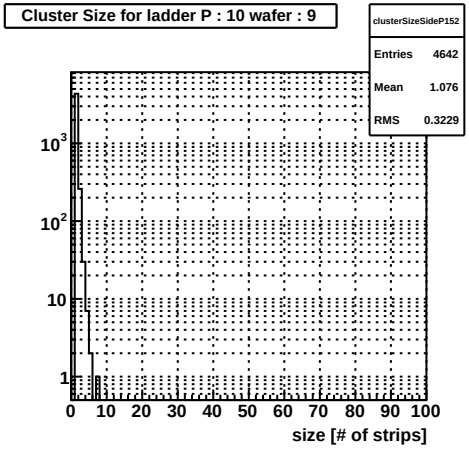

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4216
Mean 1.125
RMS 0.4071
size [# of strips]

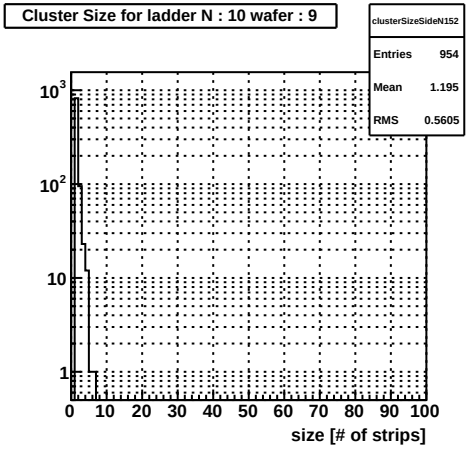

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3772
Mean 1.363
RMS 0.9139
size [# of strips]

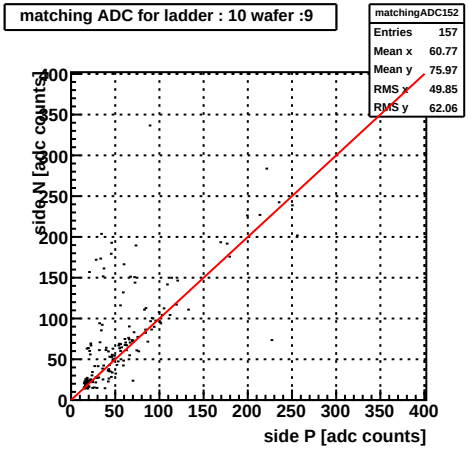

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 321
Mean x 63.53
Mean y 72.46
RMS x 55.54
RMS y 62.25
side N [adc counts]
side P [adc counts]

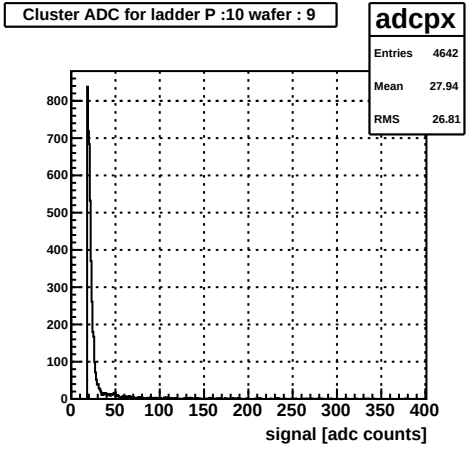

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4216
Mean 35.73
RMS 34.36
signal [adc counts]

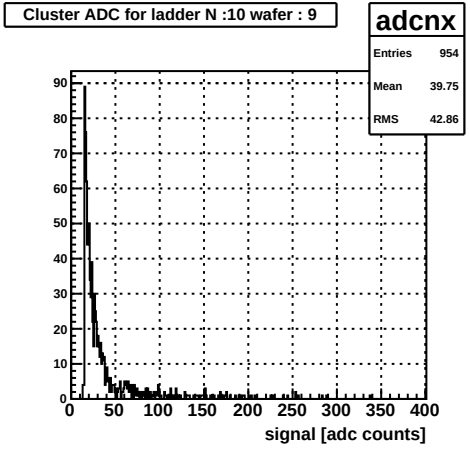

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3772
Mean 28.87
RMS 35.5
signal [adc counts]

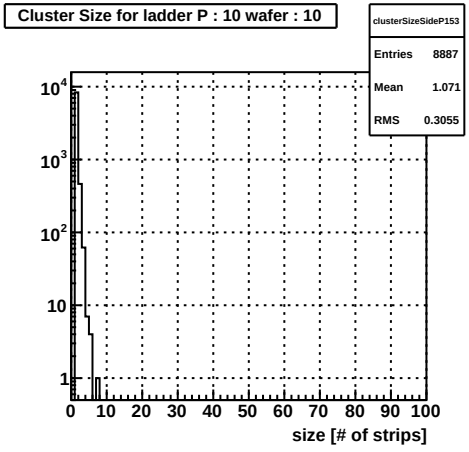

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4642
Mean 1.076
RMS 0.3229
size [# of strips]

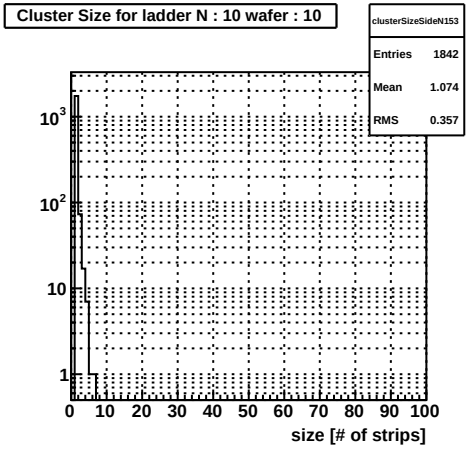

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 954
Mean 1.195
RMS 0.5605
size [# of strips]

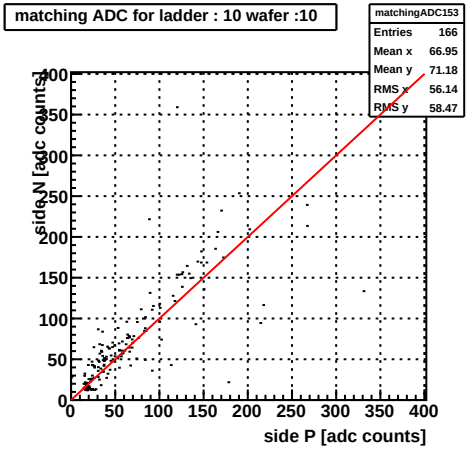

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 157
Mean x 60.77
Mean y 75.97
RMS x 49.85
RMS y 62.06
side N [adc counts]
side P [adc counts]

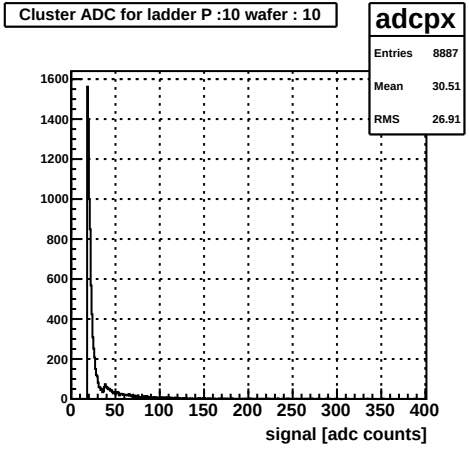

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4642
Mean 27.94
RMS 26.81
signal [adc counts]

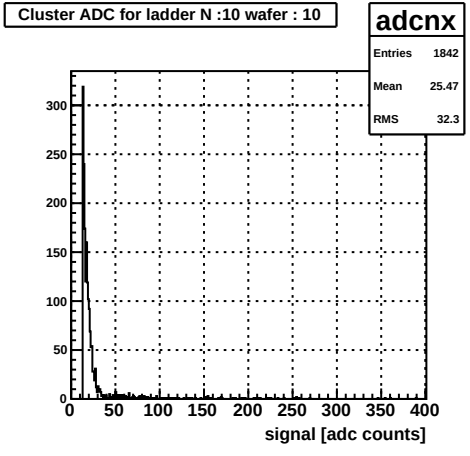

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 954
Mean 39.75
RMS 42.86
signal [adc counts]

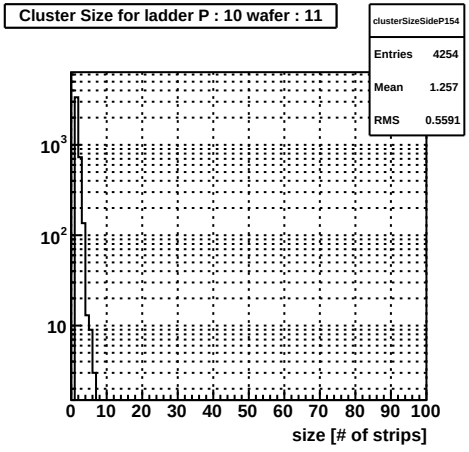

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8887
Mean 1.071
RMS 0.3055
size [# of strips]

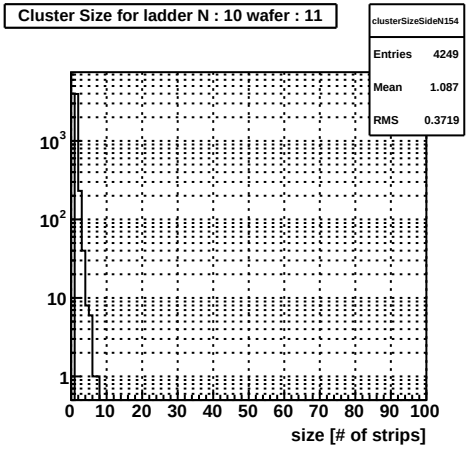

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1842
Mean 1.074
RMS 0.357
size [# of strips]

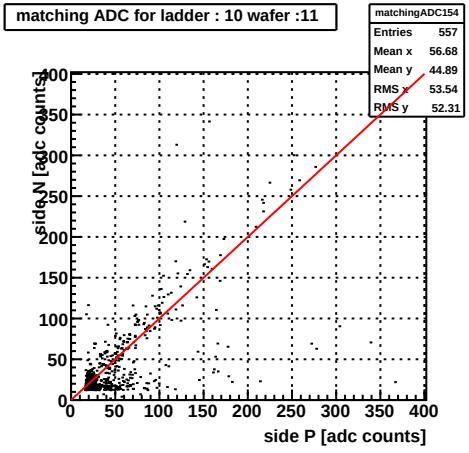

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 166
Mean x 66.95
Mean y 71.18
RMS x 56.14
RMS y 58.47
side N [adc counts]
side P [adc counts]

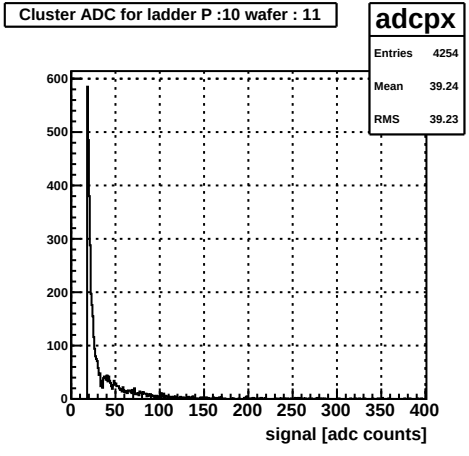

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8887
Mean 30.51
RMS 26.91
signal [adc counts]

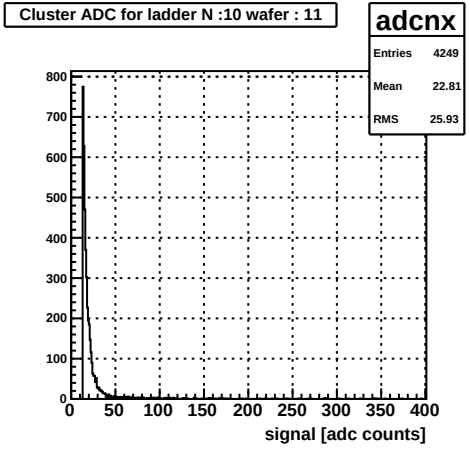

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1842
Mean 25.47
RMS 32.3
signal [adc counts]

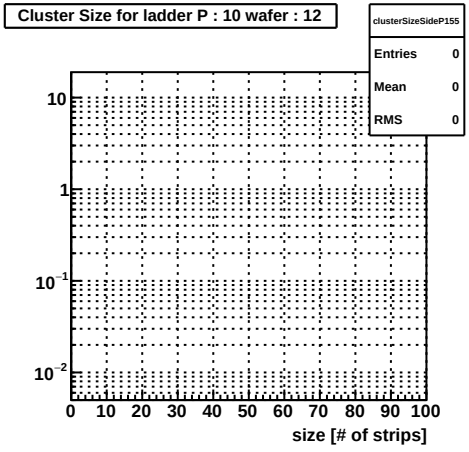

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4254
Mean 1.257
RMS 0.5591
size [# of strips]

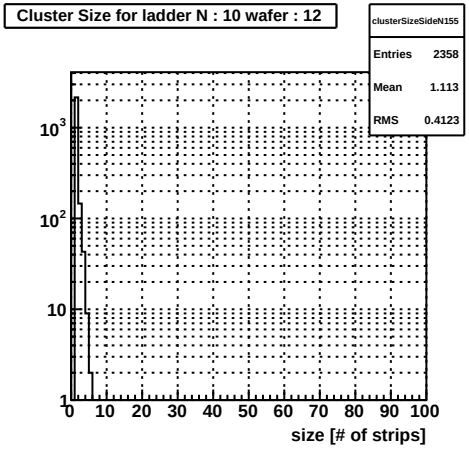

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4249
Mean 1.087
RMS 0.3719
size [# of strips]

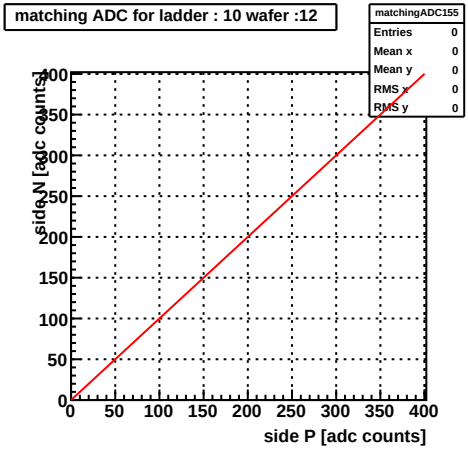

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 557
Mean x 56.68
Mean y 44.89
RMS x 53.54
RMS y 52.31
side N [adc counts]
side P [adc counts]

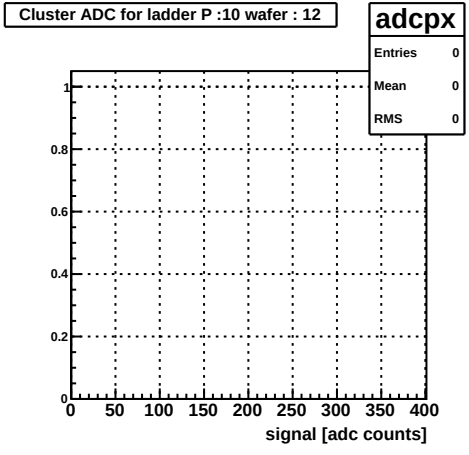

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4254
Mean 39.24
RMS 39.23
signal [adc counts]

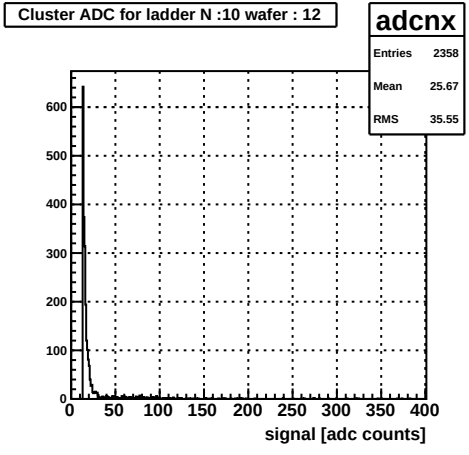

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4249
Mean 22.81
RMS 25.93
signal [adc counts]

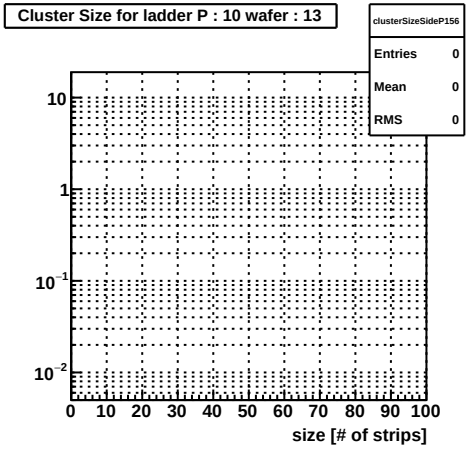

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

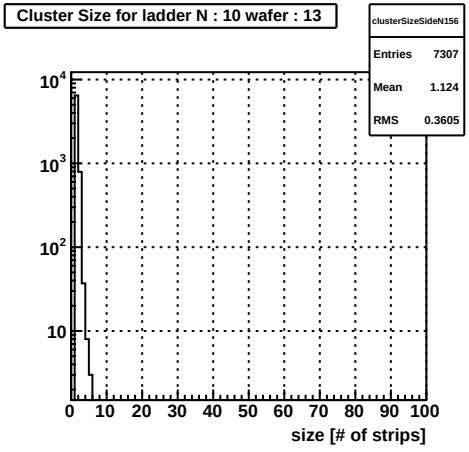

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2358
Mean 1.113
RMS 0.4123
size [# of strips]

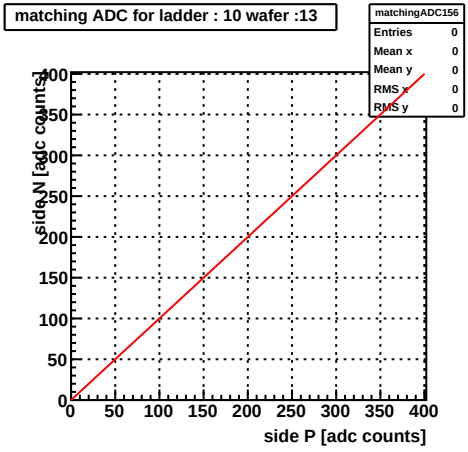

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

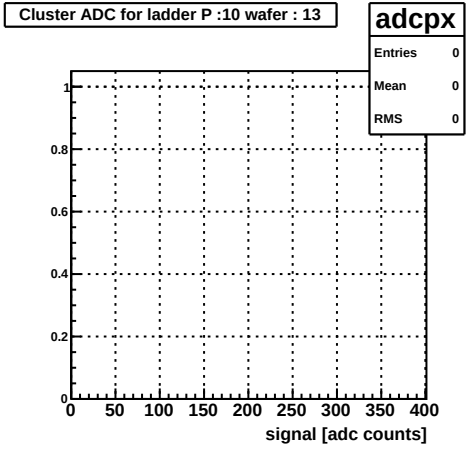

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

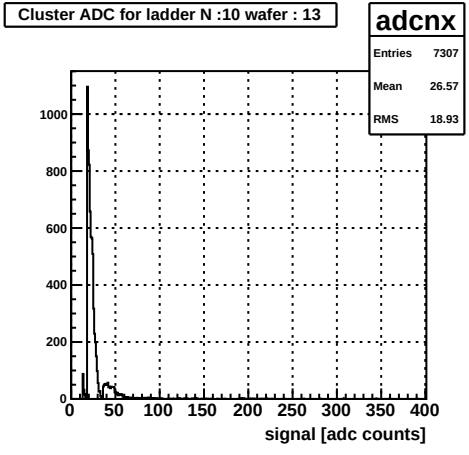

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2358
Mean 25.67
RMS 35.55
signal [adc counts]

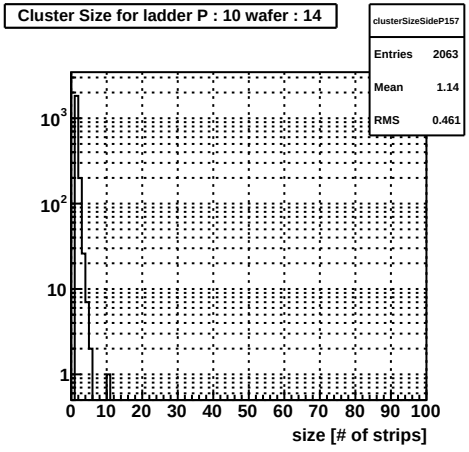

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

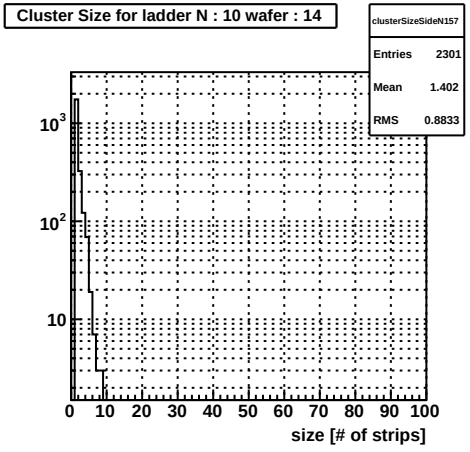

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 7307
Mean 1.124
RMS 0.3605
size [# of strips]

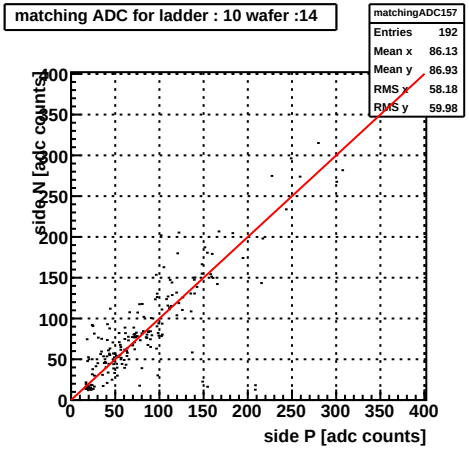

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

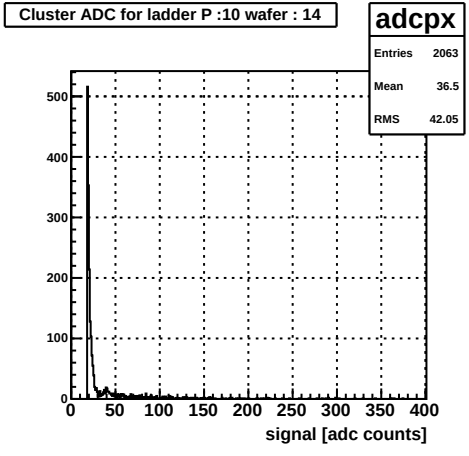

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

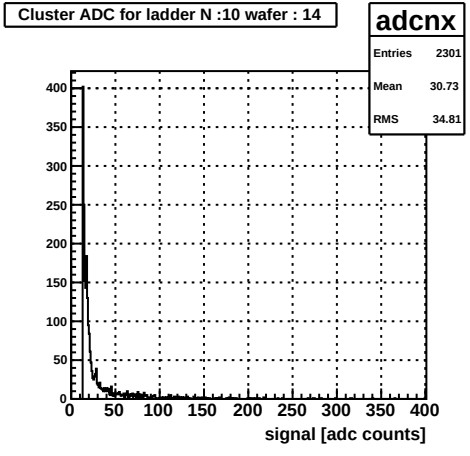

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 7307
Mean 26.57
RMS 18.93
signal [adc counts]

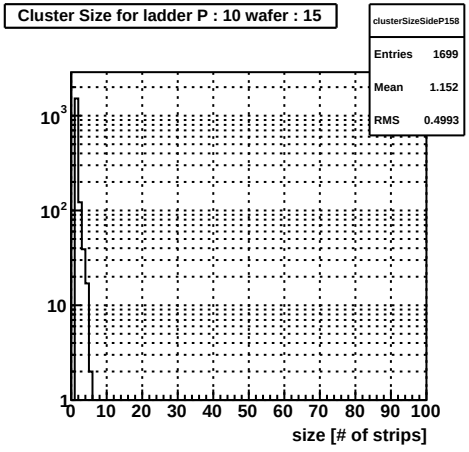

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2063
Mean 1.14
RMS 0.461
size [# of strips]

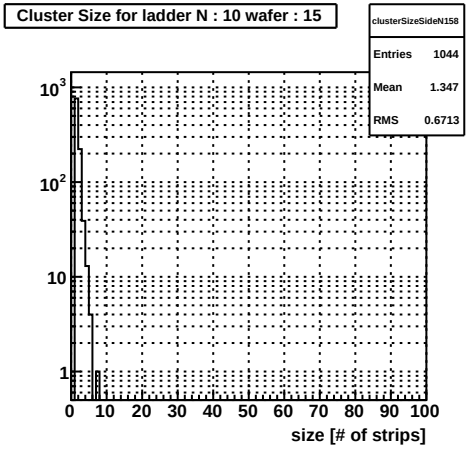

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2301
Mean 1.402
RMS 0.8833
size [# of strips]

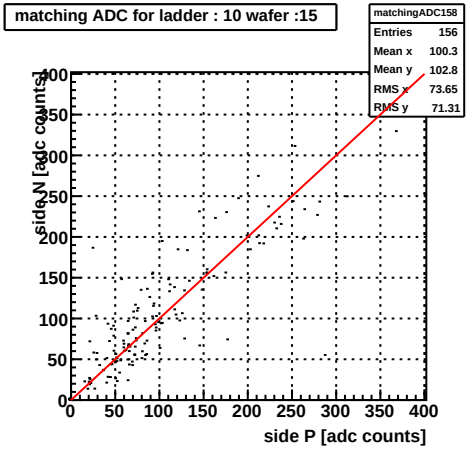

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 192
Mean x 86.13
Mean y 86.93
RMS x 58.18
RMS y 59.98
side N [adc counts]
side P [adc counts]

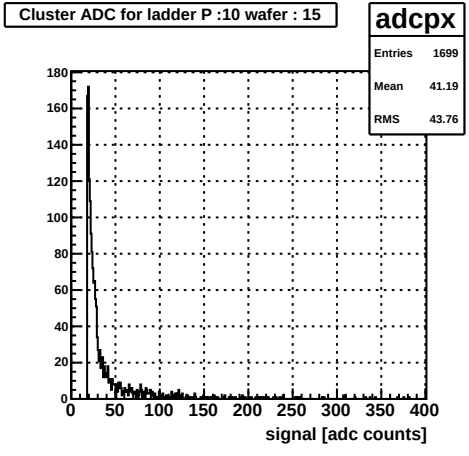

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2063
Mean 36.5
RMS 42.05
signal [adc counts]

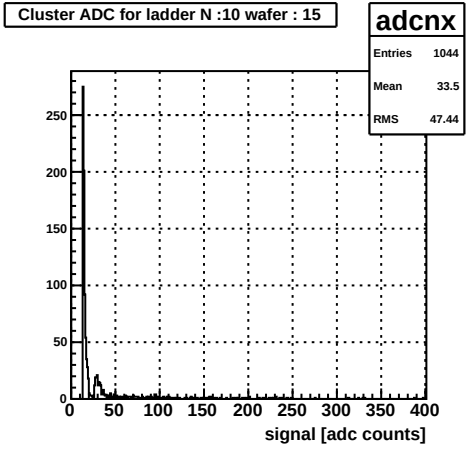

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2301
Mean 30.73
RMS 34.81
signal [adc counts]

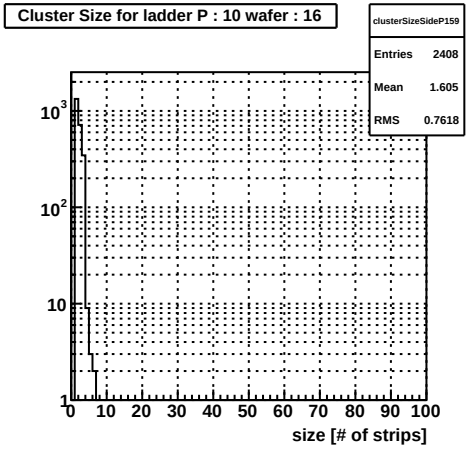

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1699
Mean 1.152
RMS 0.4993
size [# of strips]

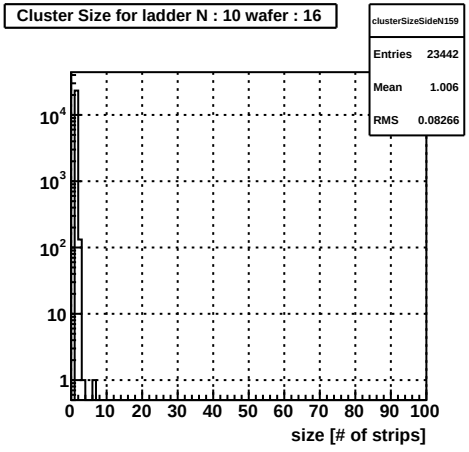

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1044
Mean 1.347
RMS 0.6713
size [# of strips]

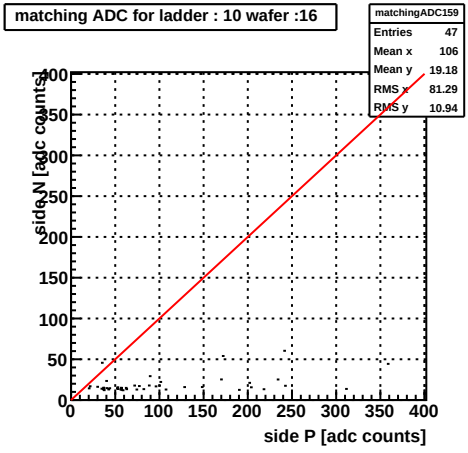

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 156
Mean x 100.3
Mean y 102.8
RMS x 73.65
RMS y 71.31
side N [adc counts]
side P [adc counts]

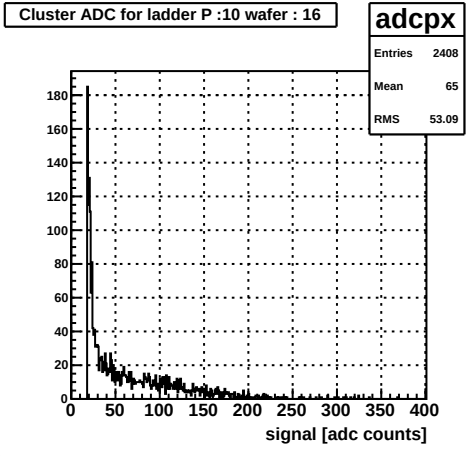

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1699
Mean 41.19
RMS 43.76
signal [adc counts]

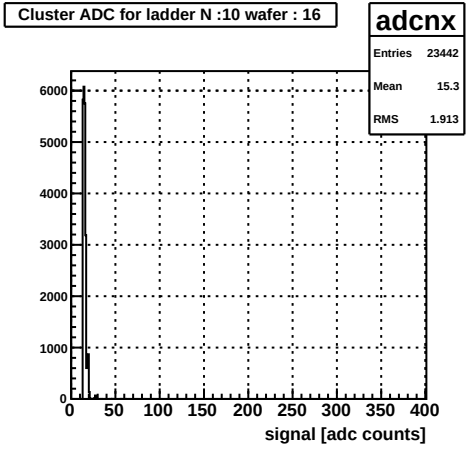

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1044
Mean 33.5
RMS 47.44
signal [adc counts]

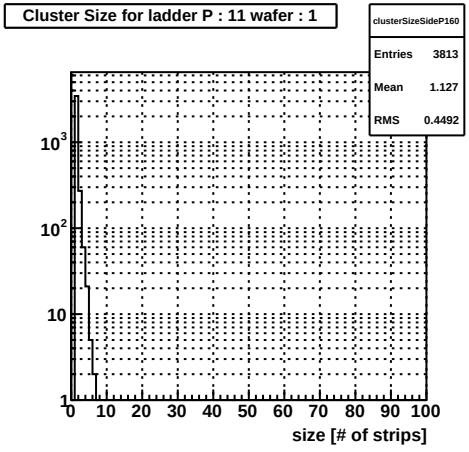

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2408
Mean 1.605
RMS 0.7618
size [# of strips]

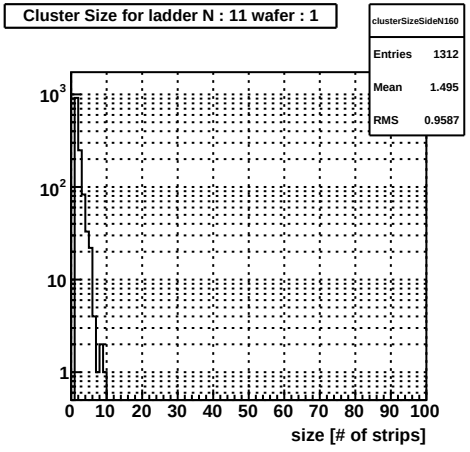

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 23442
Mean 1.006
RMS 0.08266
size [# of strips]

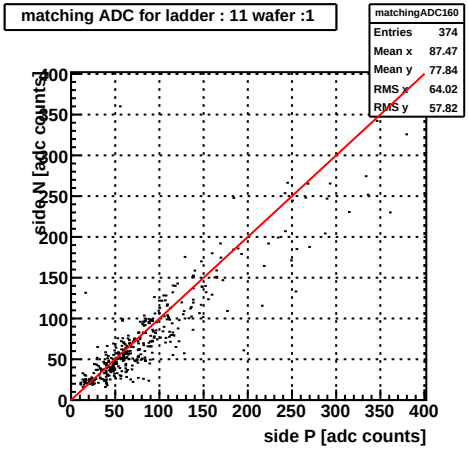

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 47
Mean x 106
Mean y 19.18
RMS x 81.29
RMS y 10.94
side N [adc counts]
side P [adc counts]

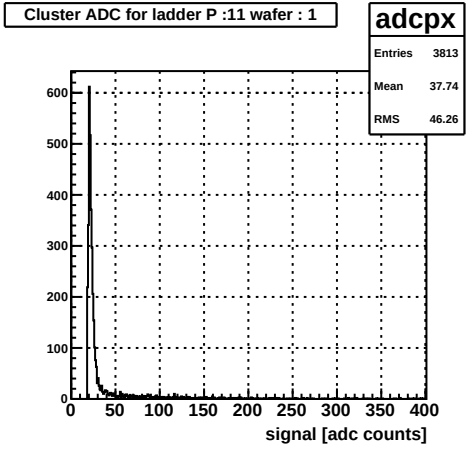

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2408
Mean 65
RMS 53.09
signal [adc counts]

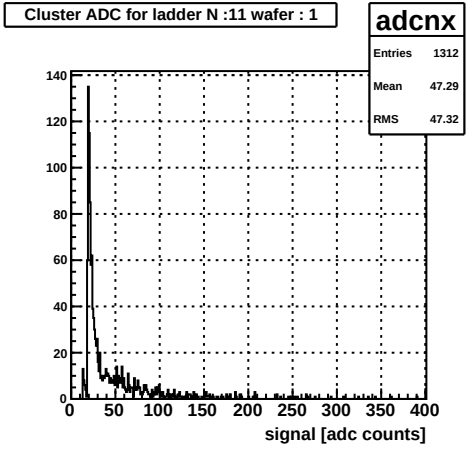

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 23442
Mean 15.3
RMS 1.913
signal [adc counts]

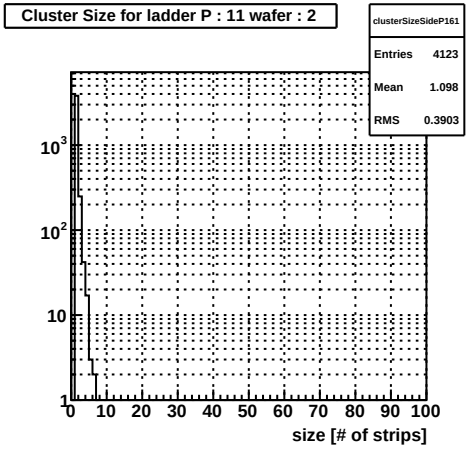

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3813
Mean 1.127
RMS 0.4492
size [# of strips]

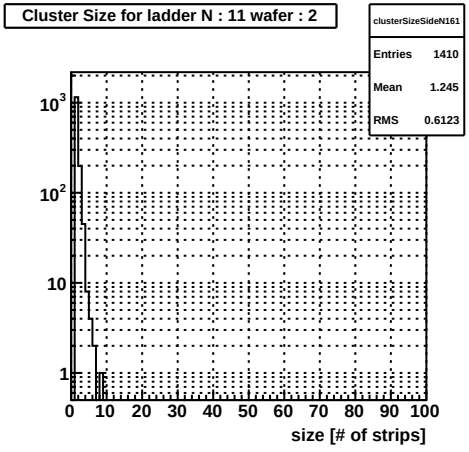

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1312
Mean 1.495
RMS 0.9587
size [# of strips]

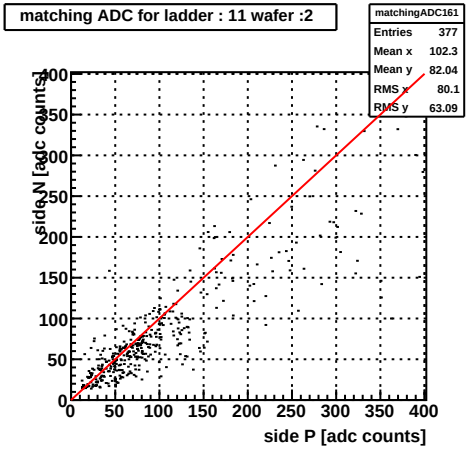

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 374
Mean x 87.47
Mean y 77.84
RMS x 64.02
RMS y 57.82
side N [adc counts]
side P [adc counts]

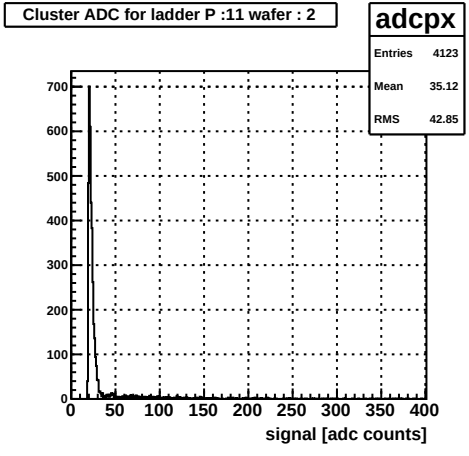

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3813
Mean 37.74
RMS 46.26
signal [adc counts]

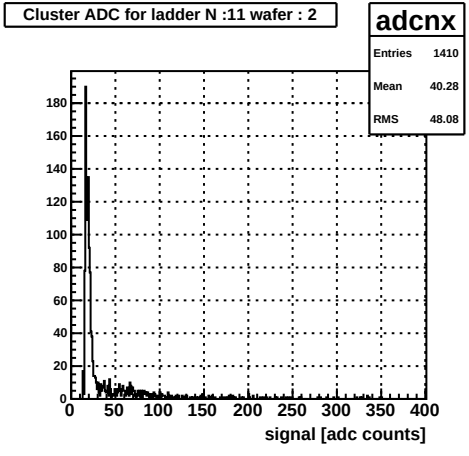

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1312
Mean 47.29
RMS 47.32
signal [adc counts]

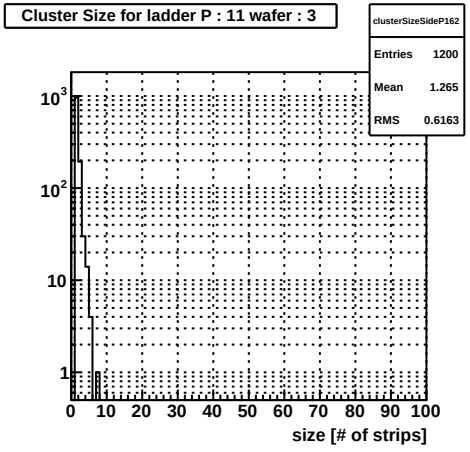

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4123
Mean 1.098
RMS 0.3903
size [# of strips]

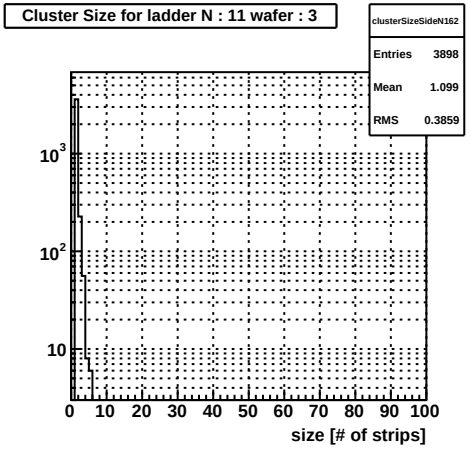

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1410
Mean 1.245
RMS 0.6123
size [# of strips]

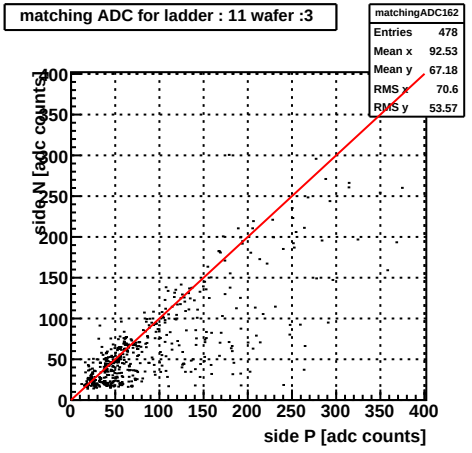

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 377
Mean x 102.3
Mean y 82.04
RMS x 80.1
RMS y 63.09
side N [adc counts]
side P [adc counts]

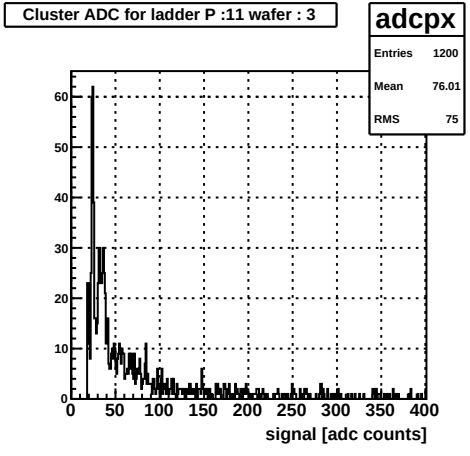

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4123
Mean 35.12
RMS 42.85
signal [adc counts]

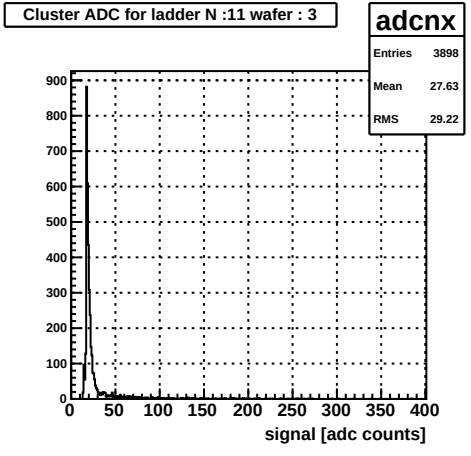

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1410
Mean 40.28
RMS 48.08
signal [adc counts]

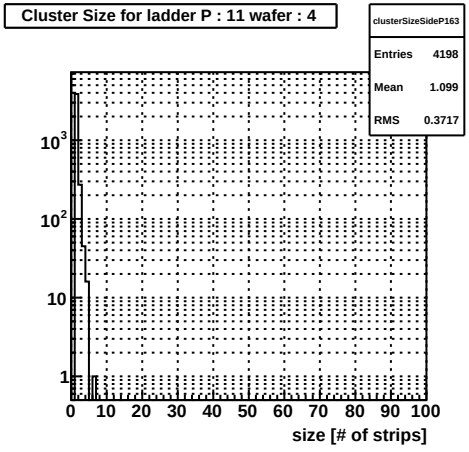

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1200
Mean 1.265
RMS 0.6163
size [# of strips]

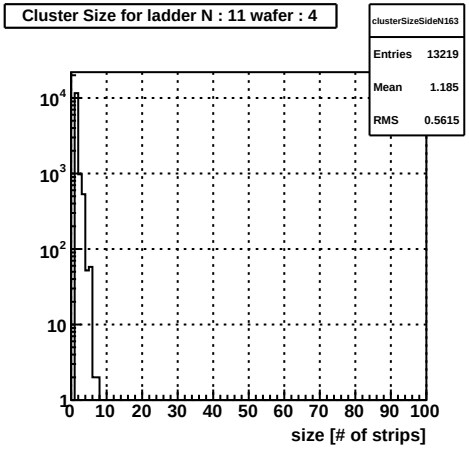

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3898
Mean 1.099
RMS 0.3859
size [# of strips]

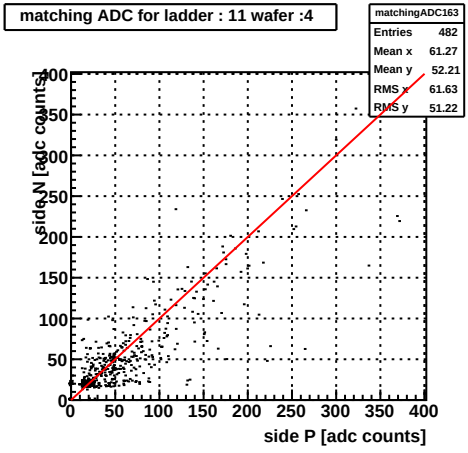

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 478
Mean x 92.53
Mean y 67.18
RMS x 70.6
RMS y 53.57
side N [adc counts]
side P [adc counts]

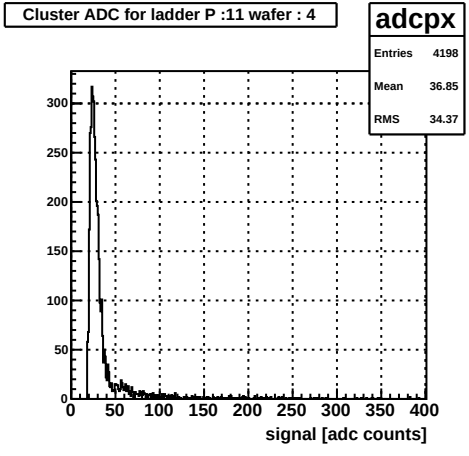

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1200
Mean 76.01
RMS 75
signal [adc counts]

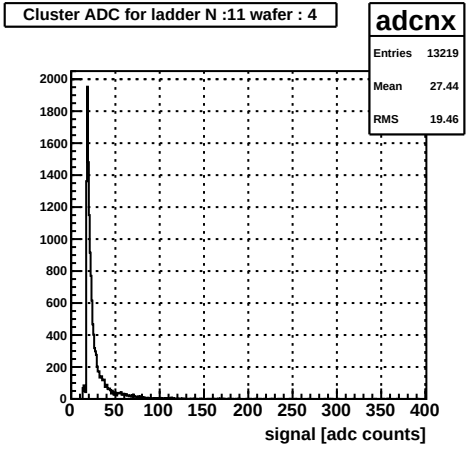

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3898
Mean 27.63
RMS 29.22
signal [adc counts]

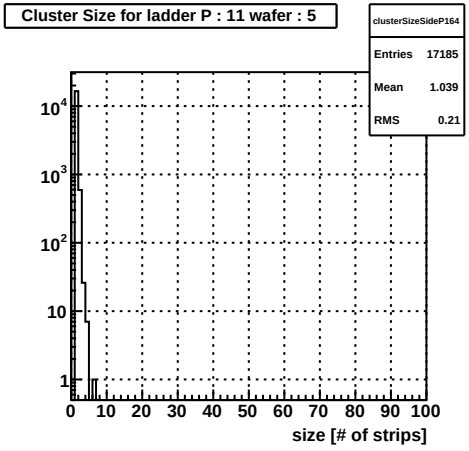

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4198
Mean 1.099
RMS 0.3717
size [# of strips]

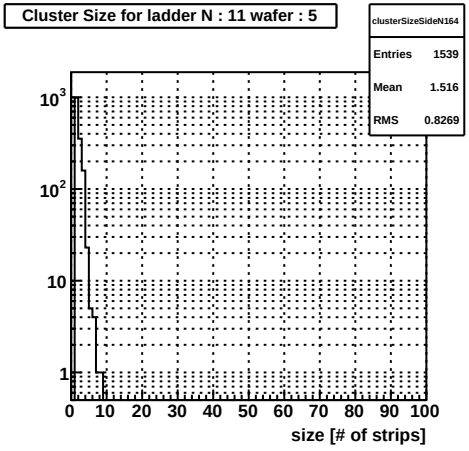

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 13219
Mean 1.185
RMS 0.5615
size [# of strips]

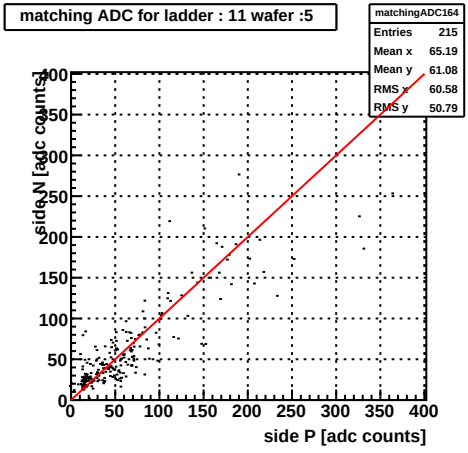

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 482
Mean x 61.27
Mean y 52.21
RMS x 61.63
RMS y 51.22
side N [adc counts]
side P [adc counts]

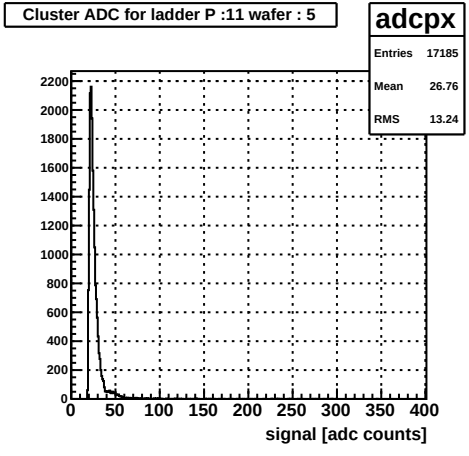

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4198
Mean 36.85
RMS 34.37
signal [adc counts]

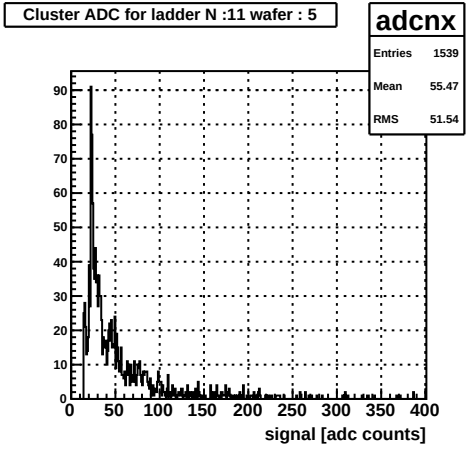

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 13219
Mean 27.44
RMS 19.46
signal [adc counts]

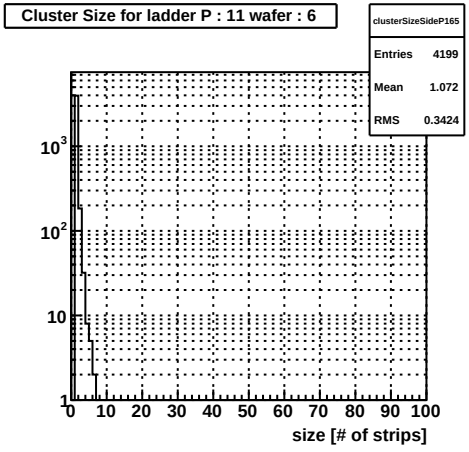

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 17185
Mean 1.039
RMS 0.21
size [# of strips]

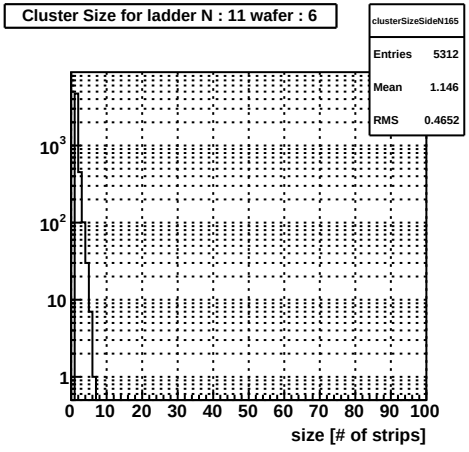

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1539
Mean 1.516
RMS 0.8269
size [# of strips]

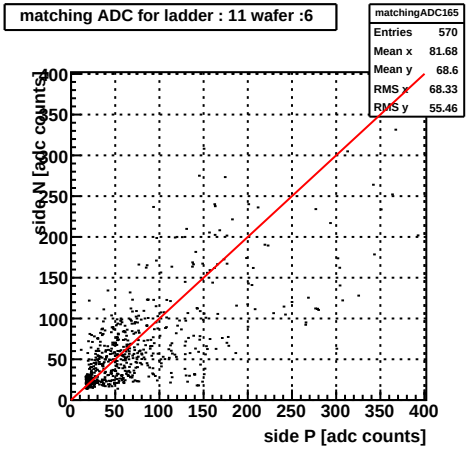

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 215
Mean x 65.19
Mean y 61.08
RMS x 60.58
RMS y 50.79
side N [adc counts]
side P [adc counts]

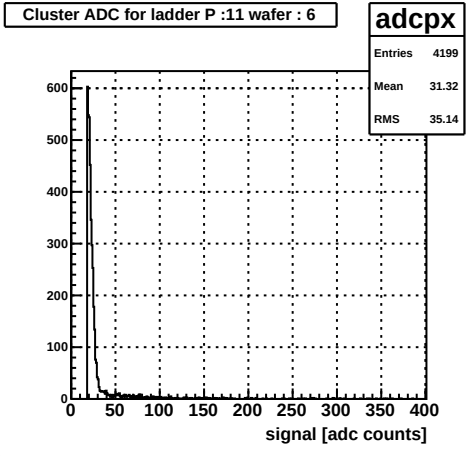

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 17185
Mean 26.76
RMS 13.24
signal [adc counts]

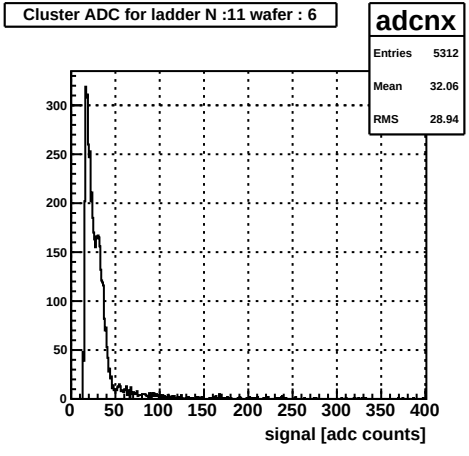

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1539
Mean 55.47
RMS 51.54
signal [adc counts]

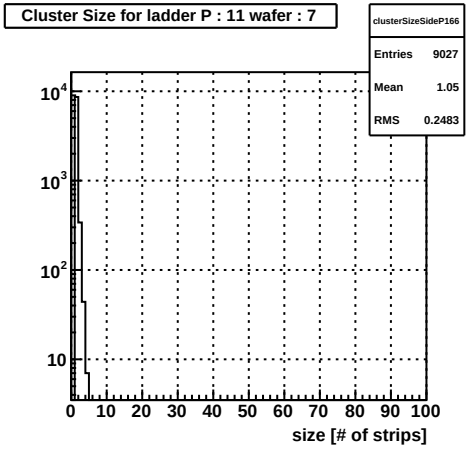

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4199
Mean 1.072
RMS 0.3424
size [# of strips]

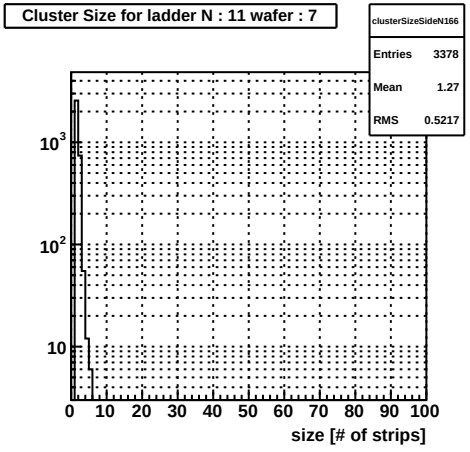

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5312
Mean 1.146
RMS 0.4652
size [# of strips]

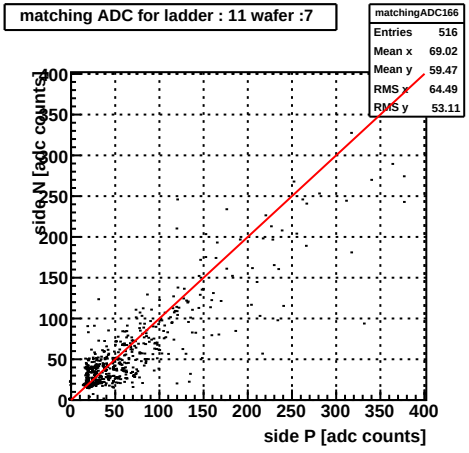

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 570
Mean x 81.68
Mean y 68.6
RMS x 68.33
RMS y 55.46
side N [adc counts]
side P [adc counts]

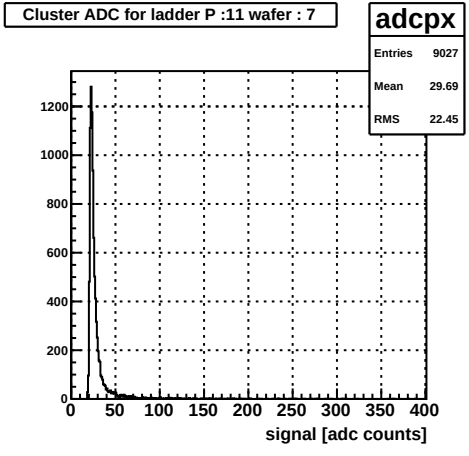

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4199
Mean 31.32
RMS 35.14
signal [adc counts]

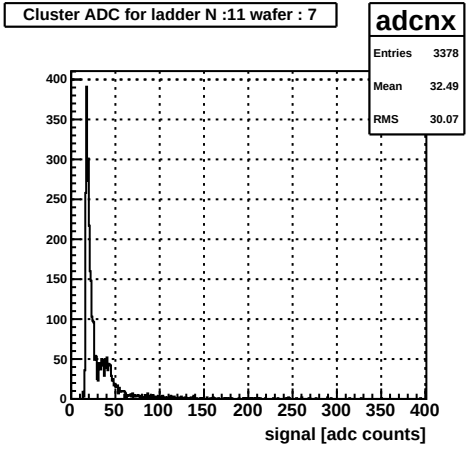

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5312
Mean 32.06
RMS 28.94
signal [adc counts]

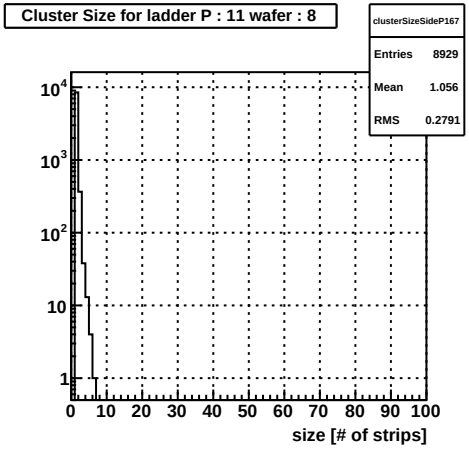

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9027
Mean 1.05
RMS 0.2483
size [# of strips]

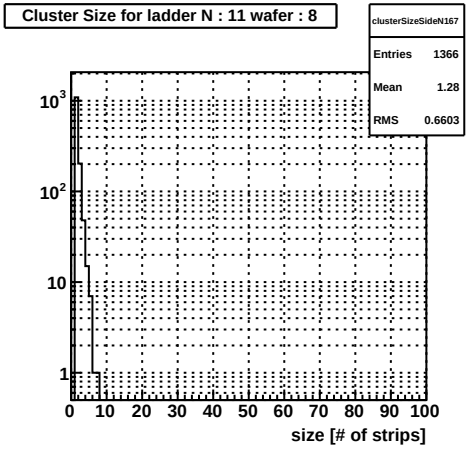

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 3378
Mean 1.27
RMS 0.5217
size [# of strips]

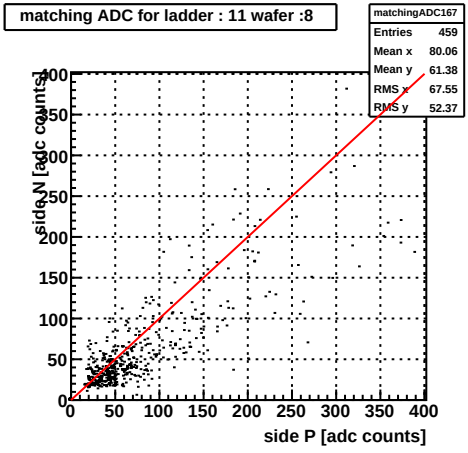

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 516
Mean x 69.02
Mean y 59.47
RMS x 64.49
RMS y 53.11
side N [adc counts]
side P [adc counts]

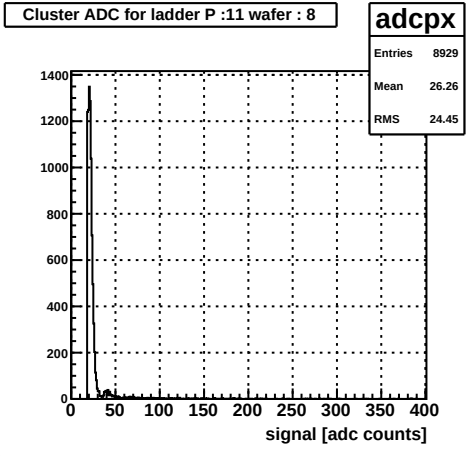

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9027
Mean 29.69
RMS 22.45
signal [adc counts]

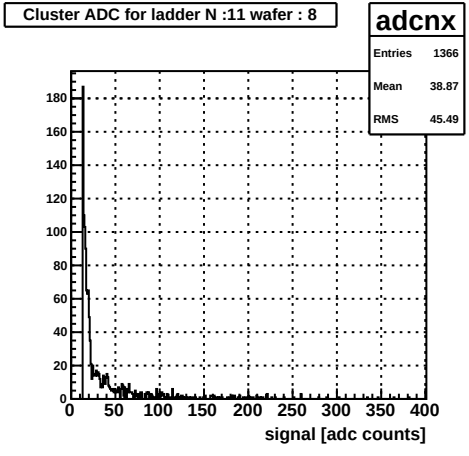

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 3378
Mean 32.49
RMS 30.07
signal [adc counts]

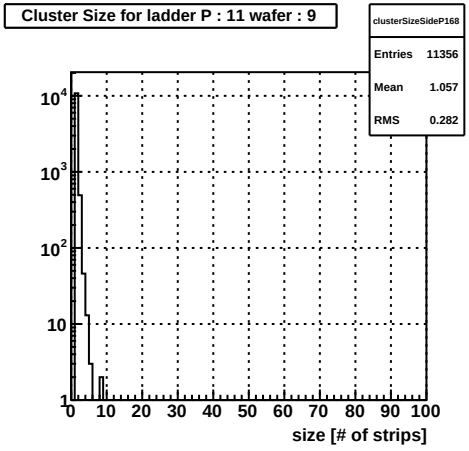

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8929
Mean 1.056
RMS 0.2791
size [# of strips]

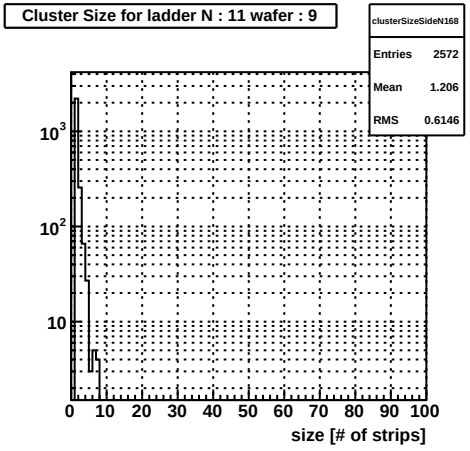

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1366
Mean 1.28
RMS 0.6603
size [# of strips]

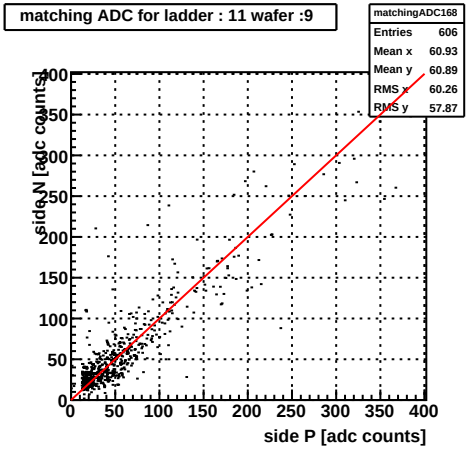

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 459
Mean x 80.06
Mean y 61.38
RMS x 67.55
RMS y 52.37
side N [adc counts]
side P [adc counts]

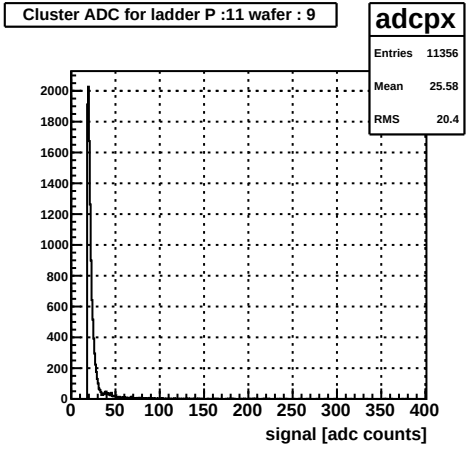

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8929
Mean 26.26
RMS 24.45
signal [adc counts]

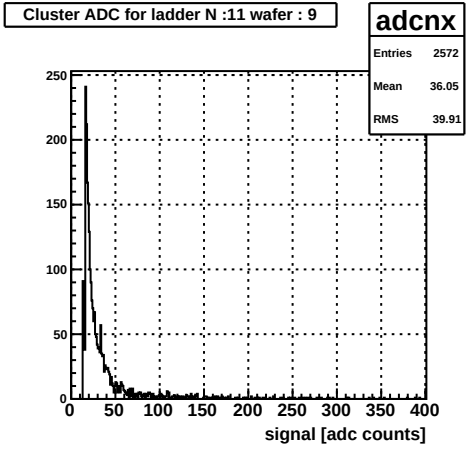

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1366
Mean 38.87
RMS 45.49
signal [adc counts]

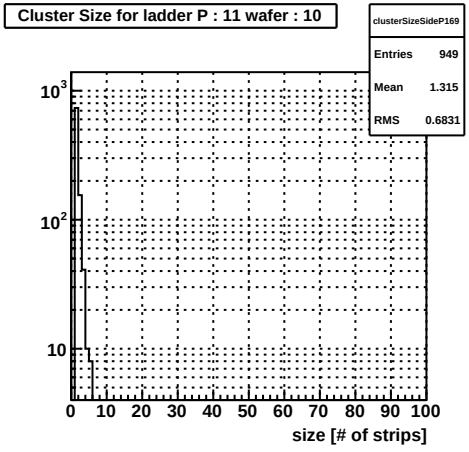

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 11356
Mean 1.057
RMS 0.282
size [# of strips]

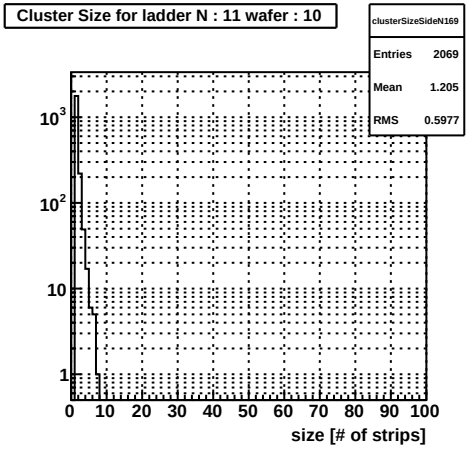

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2572
Mean 1.206
RMS 0.6146
size [# of strips]

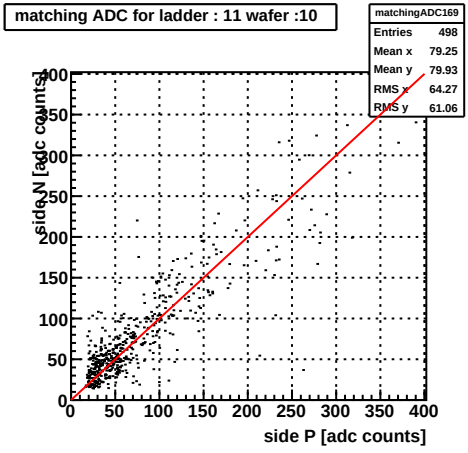

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 606
Mean x 60.93
Mean y 60.89
RMS x 60.26
RMS y 57.87
side N [adc counts]
side P [adc counts]

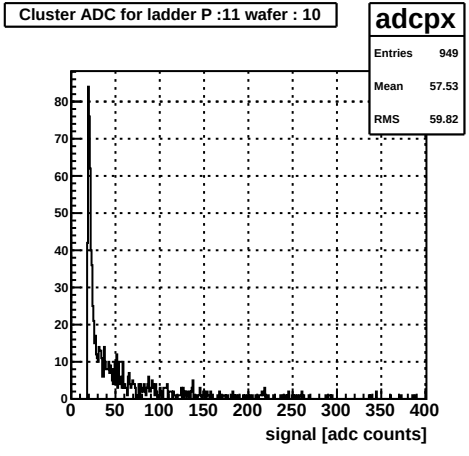

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 11356
Mean 25.58
RMS 20.4
signal [adc counts]

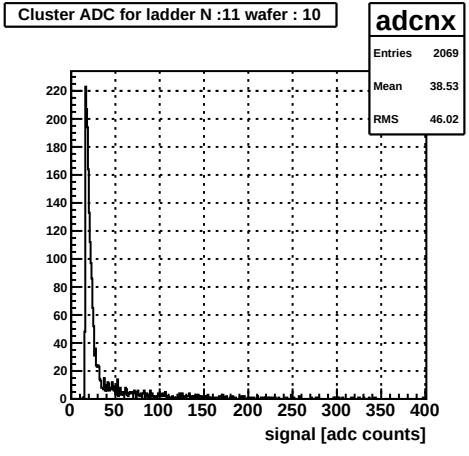

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2572
Mean 36.05
RMS 39.91
signal [adc counts]

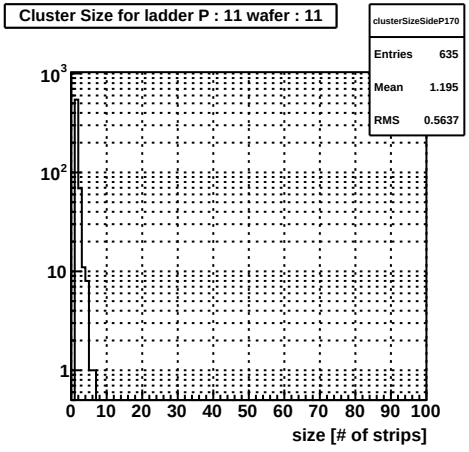

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 949
Mean 1.315
RMS 0.6831
size [# of strips]

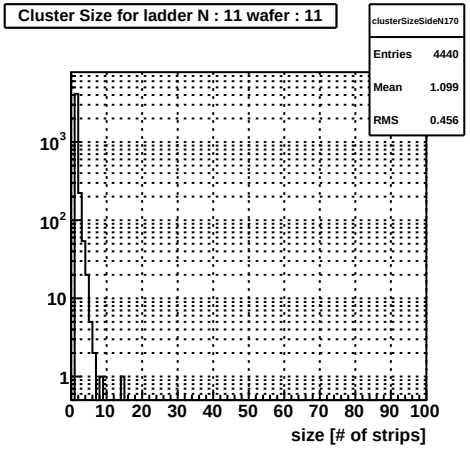

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2069
Mean 1.205
RMS 0.5977
size [# of strips]

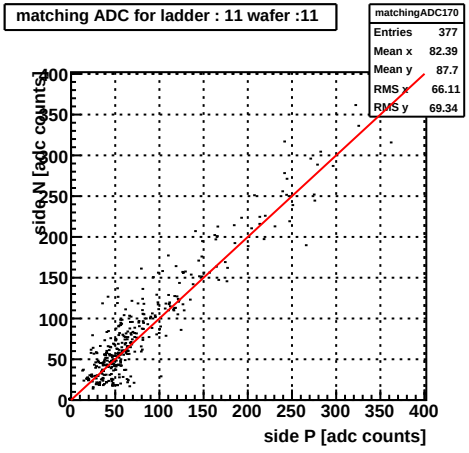

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 498
Mean x 79.25
Mean y 79.93
RMS x 64.27
RMS y 61.06
side N [adc counts]
side P [adc counts]

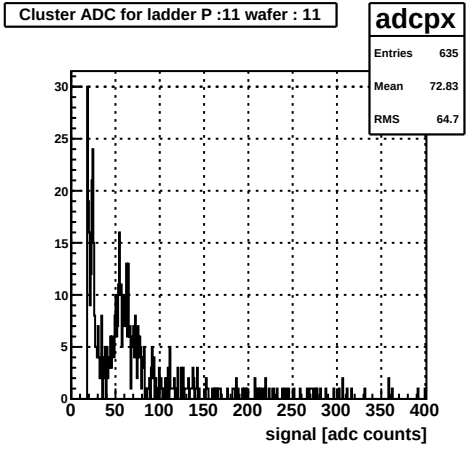

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 949
Mean 57.53
RMS 59.82
signal [adc counts]

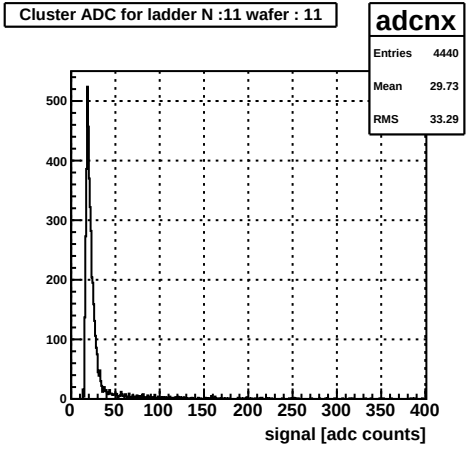

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2069
Mean 38.53
RMS 46.02
signal [adc counts]

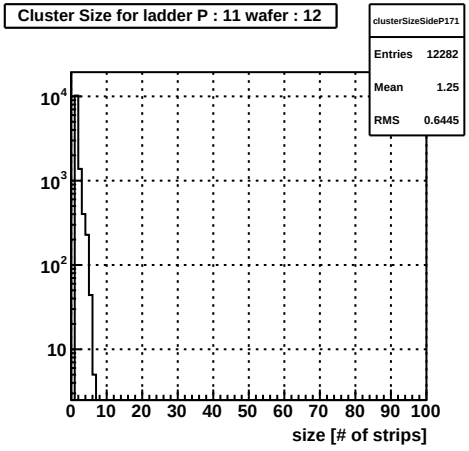

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 635
Mean 1.195
RMS 0.5637
size [# of strips]

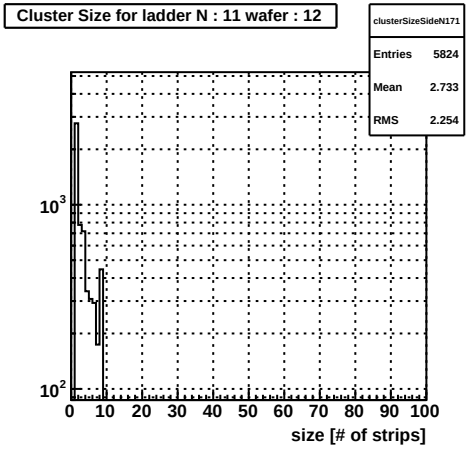

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4440
Mean 1.099
RMS 0.456
size [# of strips]

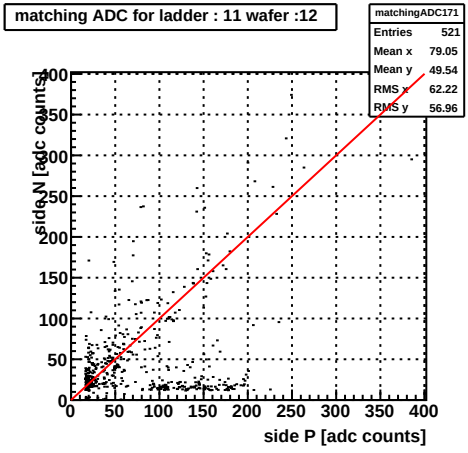

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 377
Mean x 82.39
Mean y 87.7
RMS x 66.11
RMS y 69.34
side N [adc counts]
side P [adc counts]

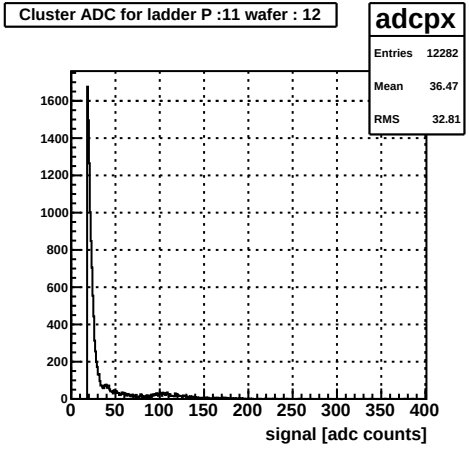

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 635
Mean 72.83
RMS 64.7
signal [adc counts]

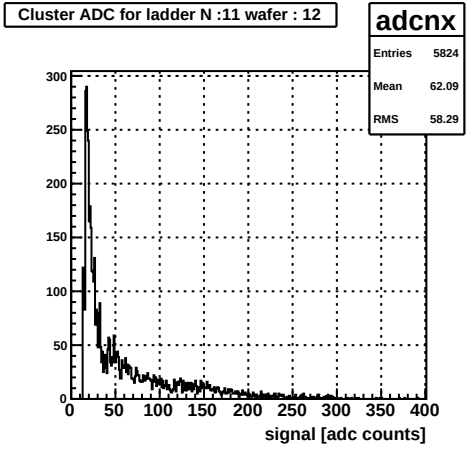

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4440
Mean 29.73
RMS 33.29
signal [adc counts]

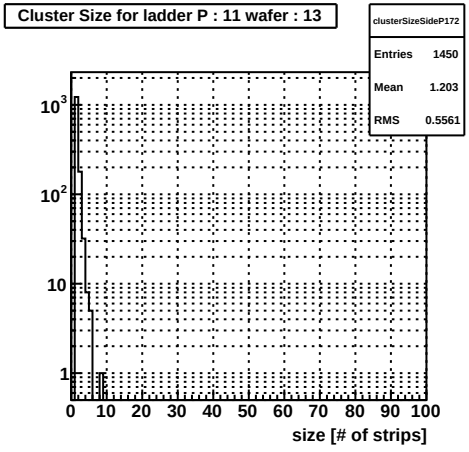

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12282
Mean 1.25
RMS 0.6445
size [# of strips]

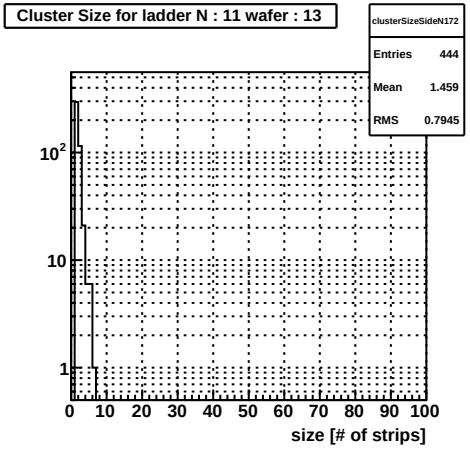

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 5824
Mean 2.733
RMS 2.254
size [# of strips]

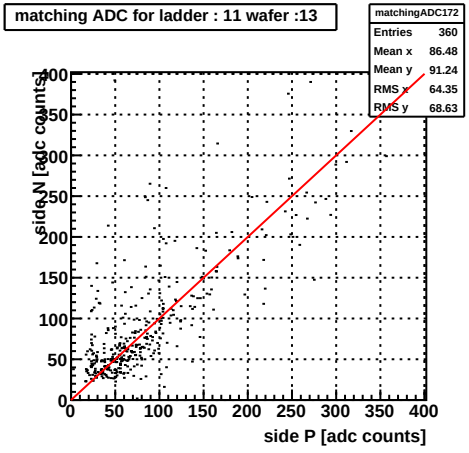

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 521
Mean x 79.05
Mean y 49.54
RMS x 62.22
RMS y 56.96
side N [adc counts]
side P [adc counts]

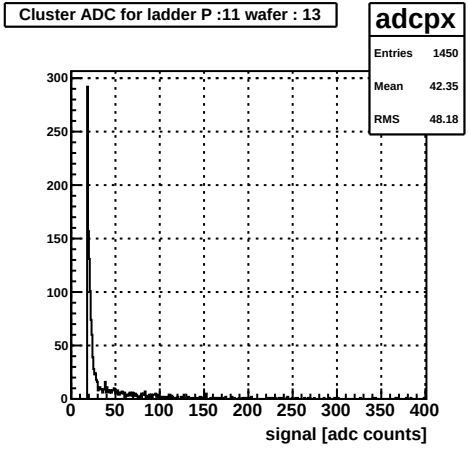

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12282
Mean 36.47
RMS 32.81
signal [adc counts]

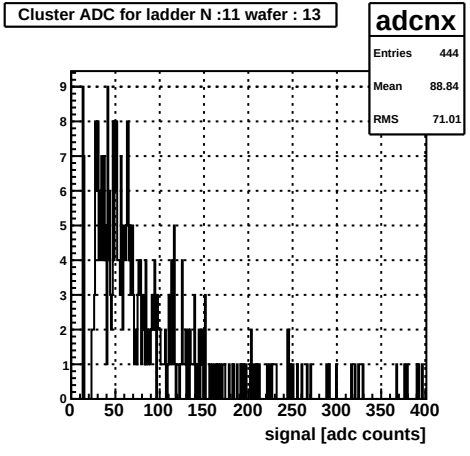

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 5824
Mean 62.09
RMS 58.29
signal [adc counts]

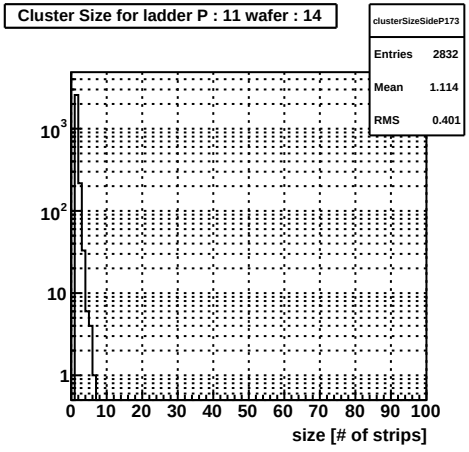

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1450
Mean 1.203
RMS 0.5561
size [# of strips]

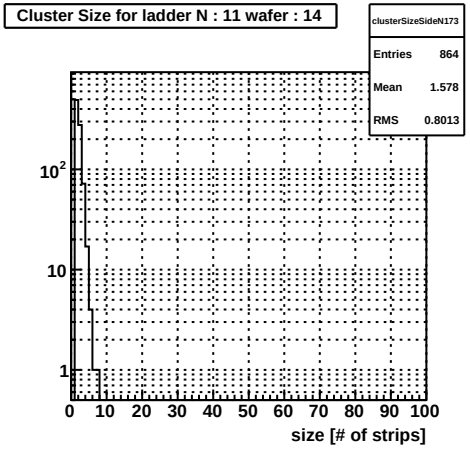

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 444
Mean 1.459
RMS 0.7945
size [# of strips]

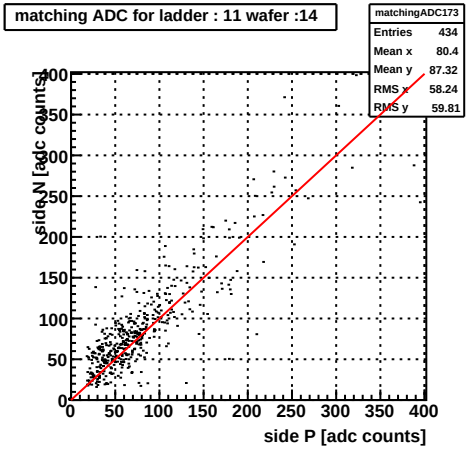

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 360
Mean x 86.48
Mean y 91.24
RMS x 64.35
RMS y 68.63
side N [adc counts]
side P [adc counts]

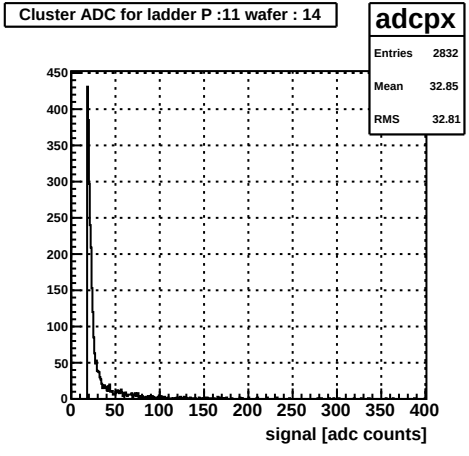

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1450
Mean 42.35
RMS 48.18
signal [adc counts]

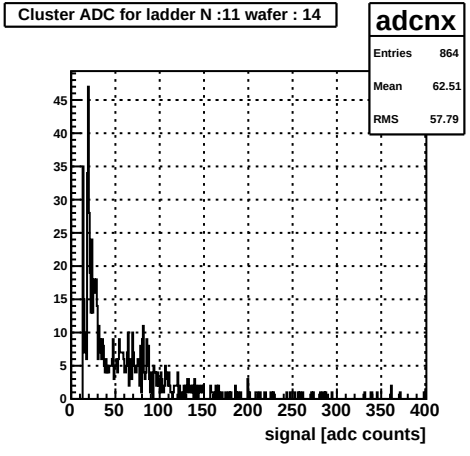

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 444
Mean 88.84
RMS 71.01
signal [adc counts]

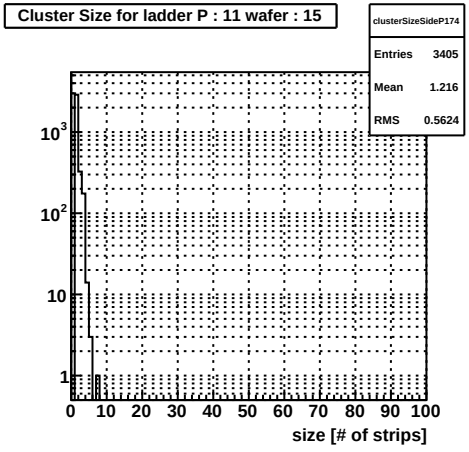

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2832
Mean 1.114
RMS 0.401
size [# of strips]

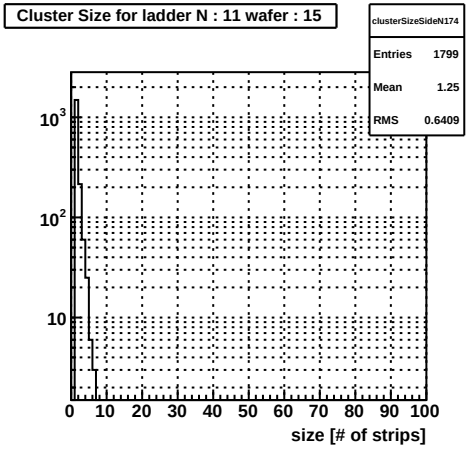

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 864
Mean 1.578
RMS 0.8013
size [# of strips]

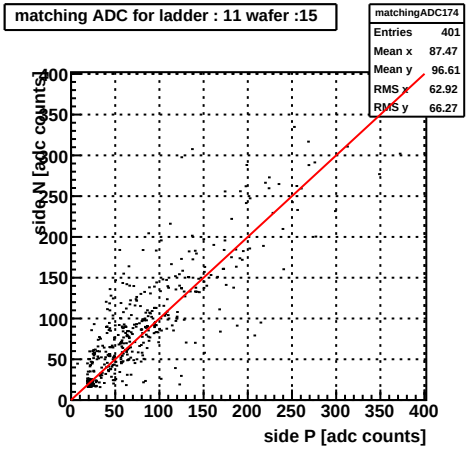

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 434
Mean x 80.4
Mean y 87.32
RMS x 58.24
RMS y 59.81
side N [adc counts]
side P [adc counts]

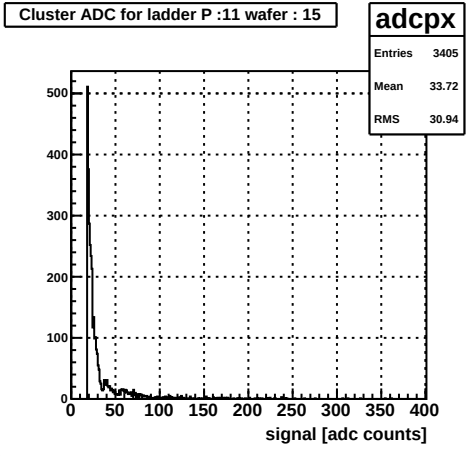

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2832
Mean 32.85
RMS 32.81
signal [adc counts]

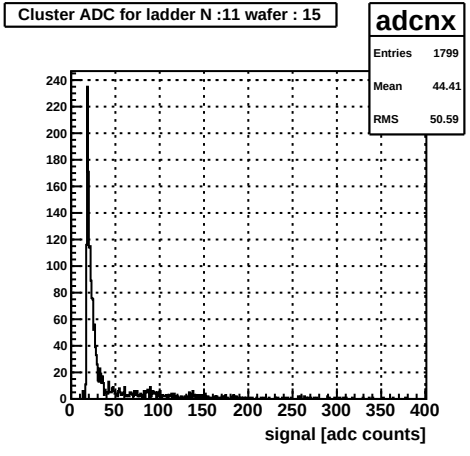

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 864
Mean 62.51
RMS 57.79
signal [adc counts]

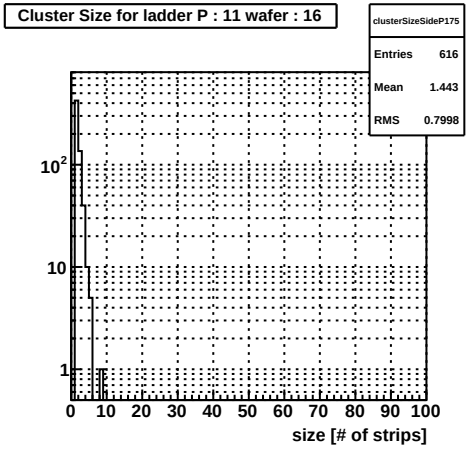

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3405
Mean 1.216
RMS 0.5624
size [# of strips]

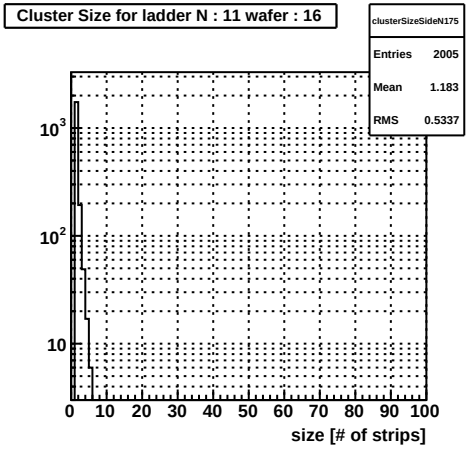

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1799
Mean 1.25
RMS 0.6409
size [# of strips]

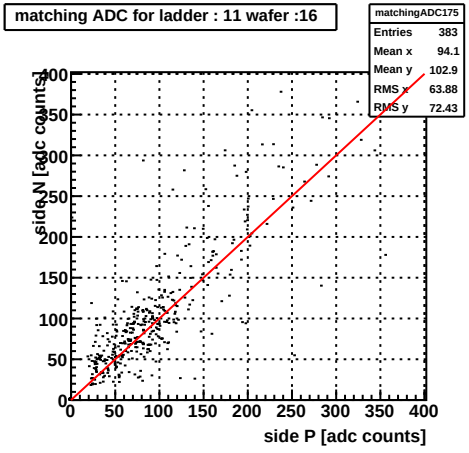

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 401
Mean x 87.47
Mean y 96.61
RMS x 62.92
RMS y 66.27
side N [adc counts]
side P [adc counts]

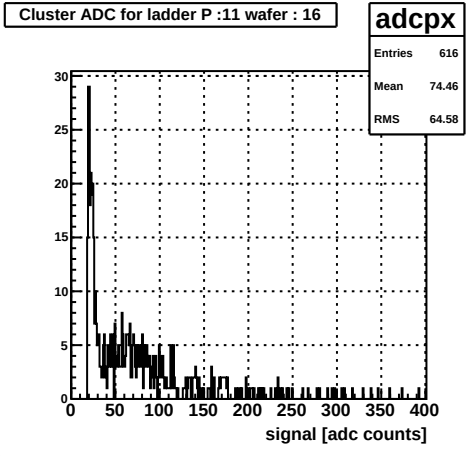

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3405
Mean 33.72
RMS 30.94
signal [adc counts]

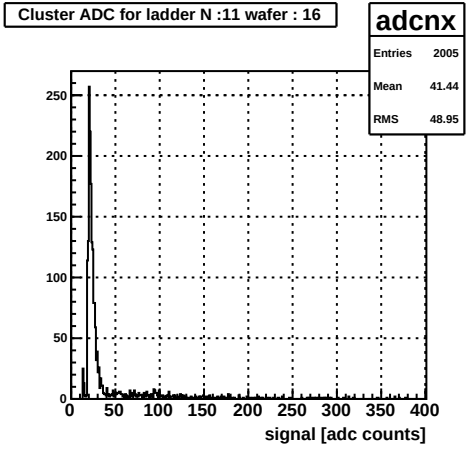

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1799
Mean 44.41
RMS 50.59
signal [adc counts]

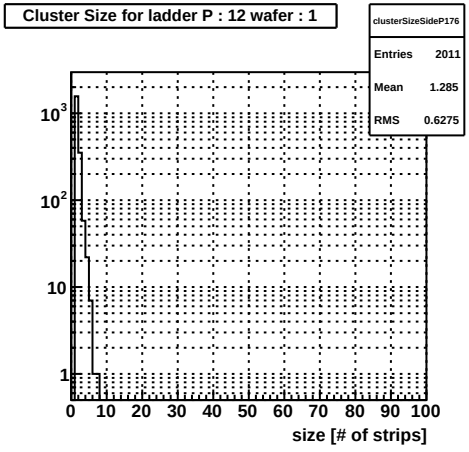

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 616
Mean 1.443
RMS 0.7998
size [# of strips]

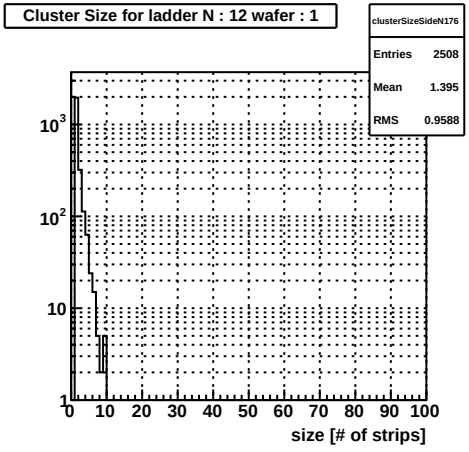

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2005
Mean 1.183
RMS 0.5337
size [# of strips]

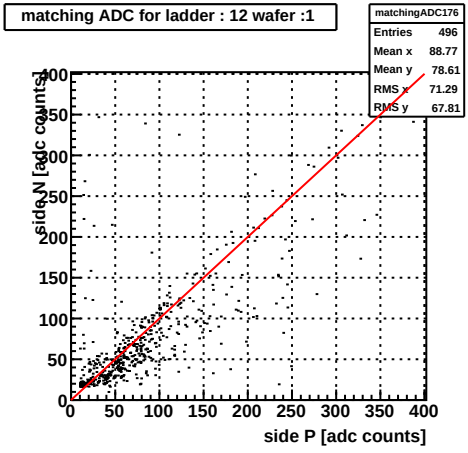

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 383
Mean x 94.1
Mean y 102.9
RMS x 63.88
RMS y 72.43
side N [adc counts]
side P [adc counts]

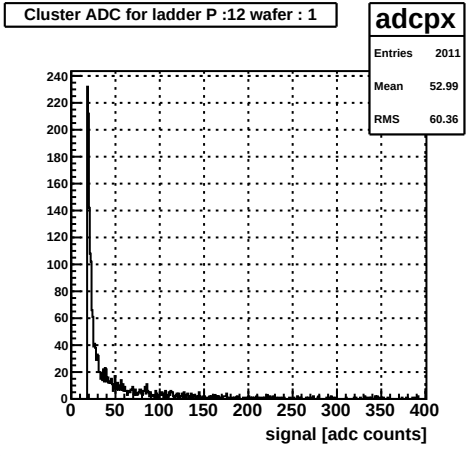

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 616
Mean 74.46
RMS 64.58
signal [adc counts]

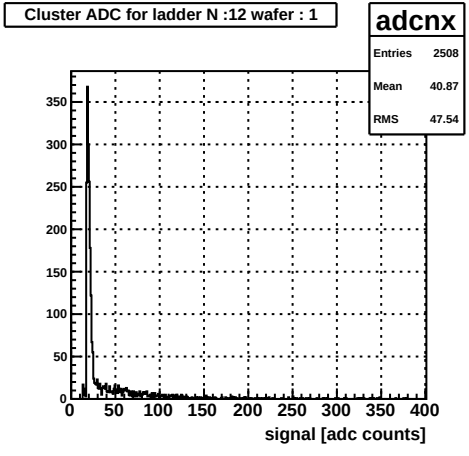

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2005
Mean 41.44
RMS 48.95
signal [adc counts]

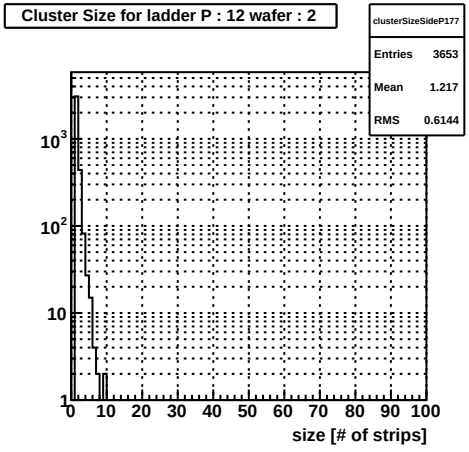

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2011
Mean 1.285
RMS 0.6275
size [# of strips]

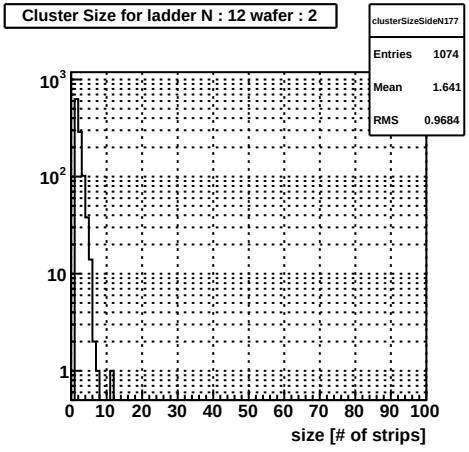

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2508
Mean 1.395
RMS 0.9588
size [# of strips]

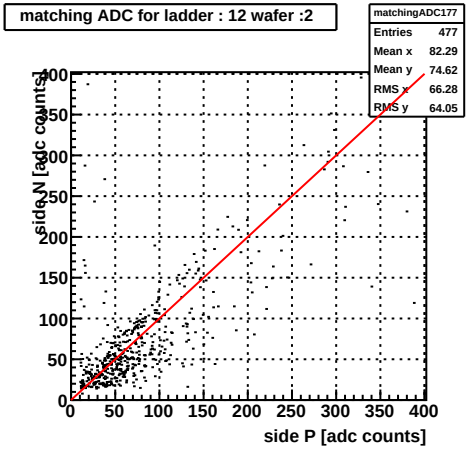

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 496
Mean x 88.77
Mean y 78.61
RMS x 71.29
RMS y 67.81
side N [adc counts]
side P [adc counts]

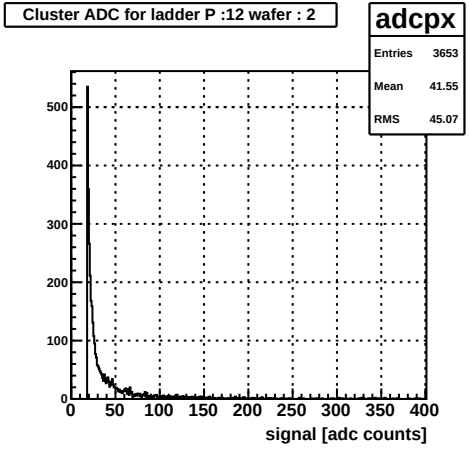

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2011
Mean 52.99
RMS 60.36
signal [adc counts]

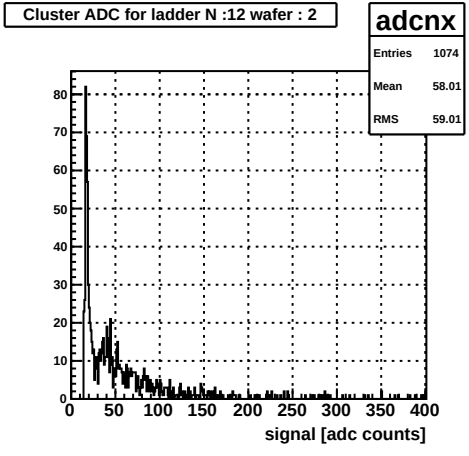

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2508
Mean 40.87
RMS 47.54
signal [adc counts]

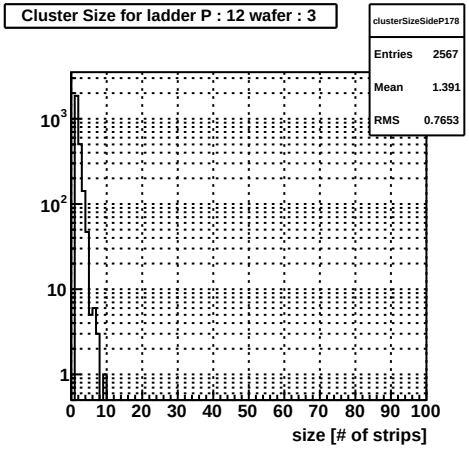

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3653
Mean 1.217
RMS 0.6144
size [# of strips]

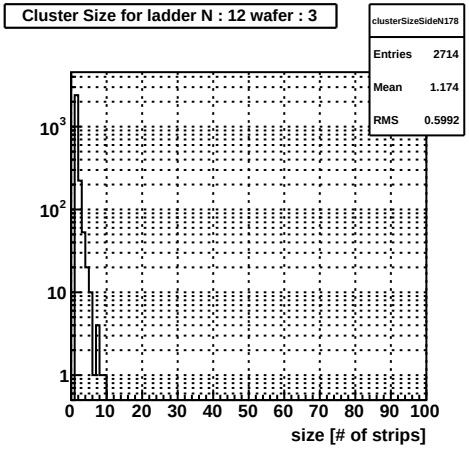

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1074
Mean 1.641
RMS 0.9684
size [# of strips]

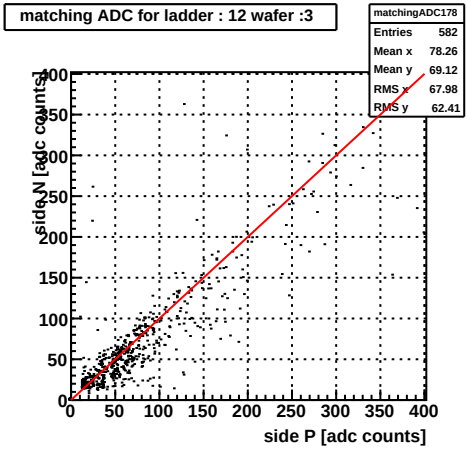

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 477
Mean x 82.29
Mean y 74.62
RMS x 66.28
RMS y 64.05
side N [adc counts]
side P [adc counts]

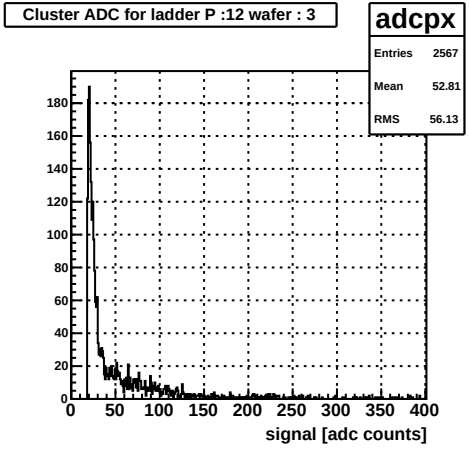

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3653
Mean 41.55
RMS 45.07
signal [adc counts]

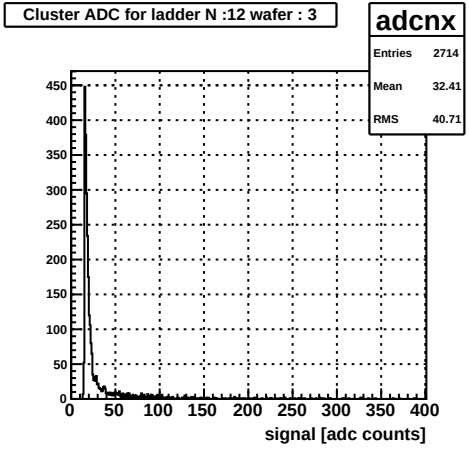

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1074
Mean 58.01
RMS 59.01
signal [adc counts]

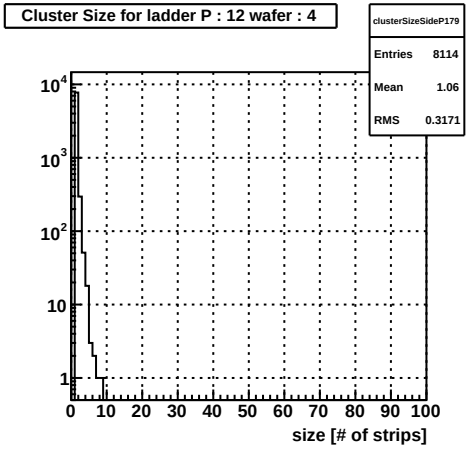

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2567
Mean 1.391
RMS 0.7653
size [# of strips]

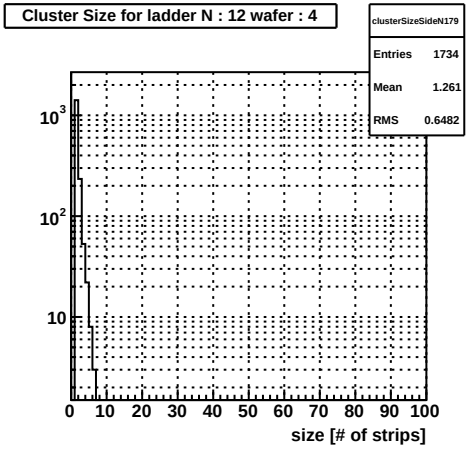

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2714
Mean 1.174
RMS 0.5992
size [# of strips]

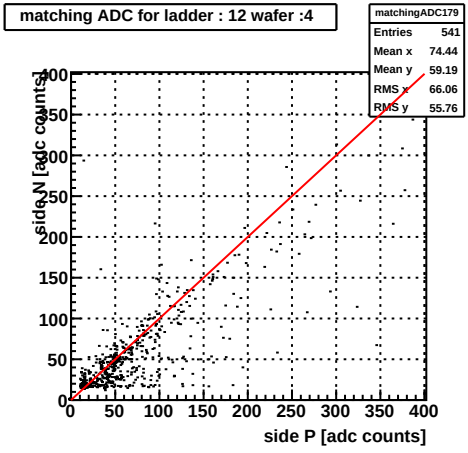

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 582
Mean x 78.26
Mean y 69.12
RMS x 67.98
RMS y 62.41
side N [adc counts]
side P [adc counts]

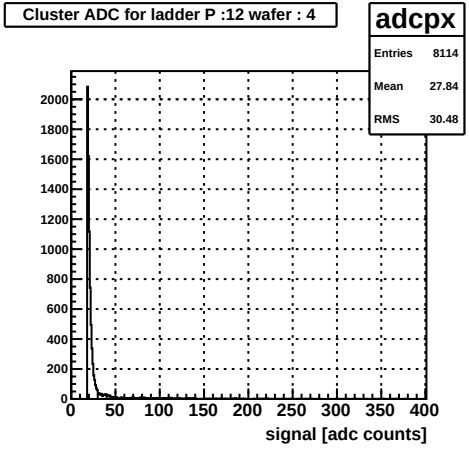

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2567
Mean 52.81
RMS 56.13
signal [adc counts]

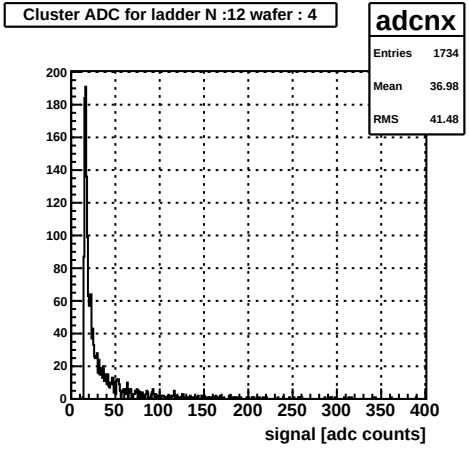

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2714
Mean 32.41
RMS 40.71
signal [adc counts]

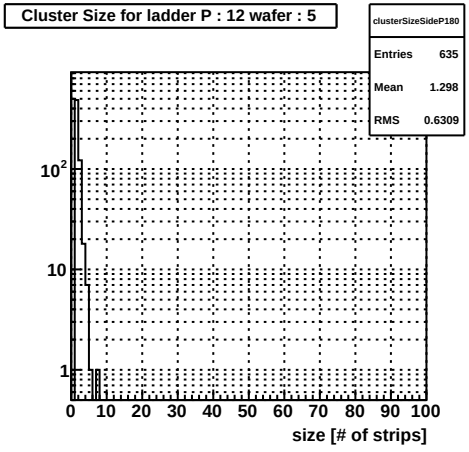

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8114
Mean 1.06
RMS 0.3171
size [# of strips]

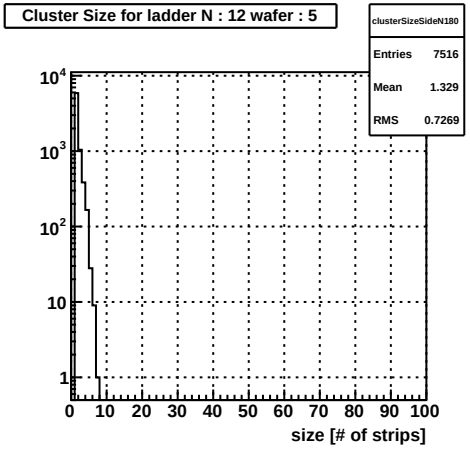

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1734
Mean 1.261
RMS 0.6482
size [# of strips]

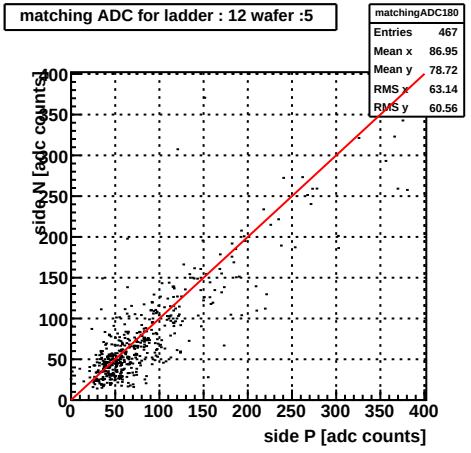

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 541
Mean x 74.44
Mean y 59.19
RMS x 66.06
RMS y 55.76
side N [adc counts]
side P [adc counts]

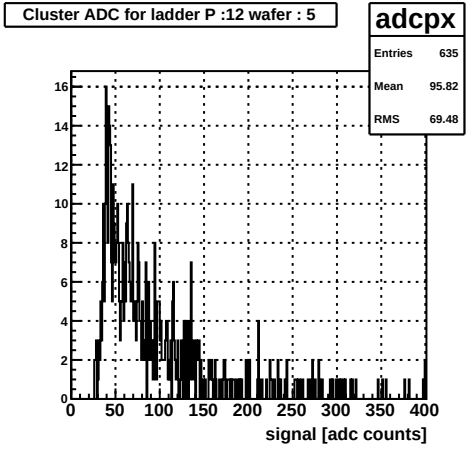

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8114
Mean 27.84
RMS 30.48
signal [adc counts]

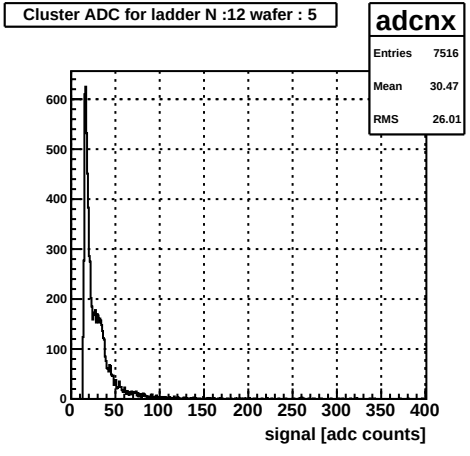

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1734
Mean 36.98
RMS 41.48
signal [adc counts]

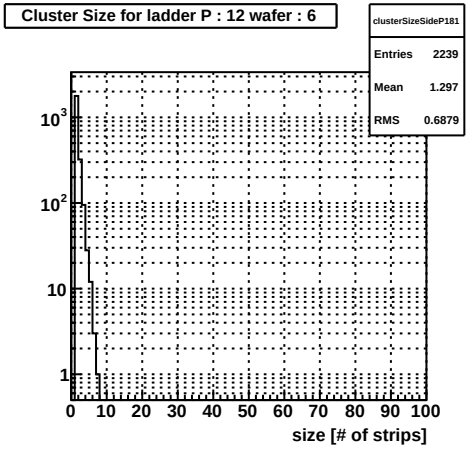

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 635
Mean 1.298
RMS 0.6309
size [# of strips]

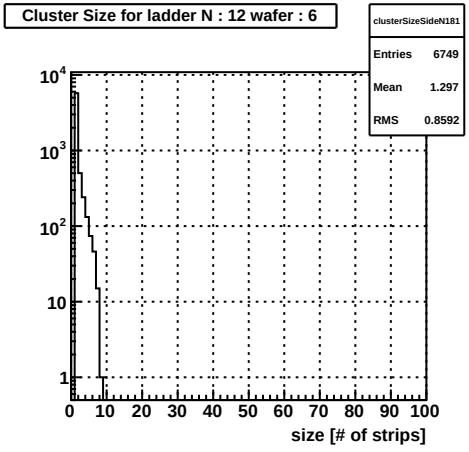

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7516
Mean 1.329
RMS 0.7269
size [# of strips]

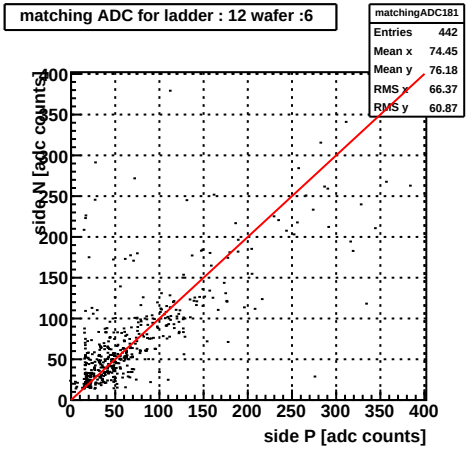

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 467
Mean x 86.95
Mean y 78.72
RMS x 63.14
RMS y 60.56
side N [adc counts]
side P [adc counts]

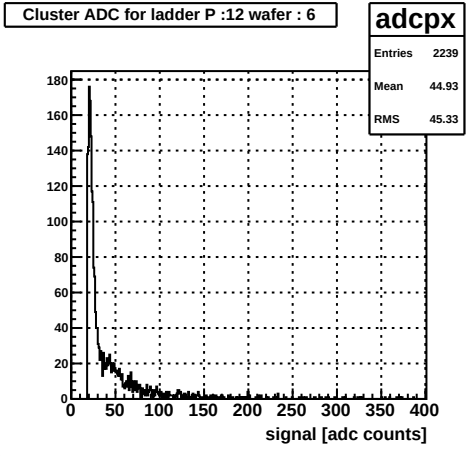

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 635
Mean 95.82
RMS 69.48
signal [adc counts]

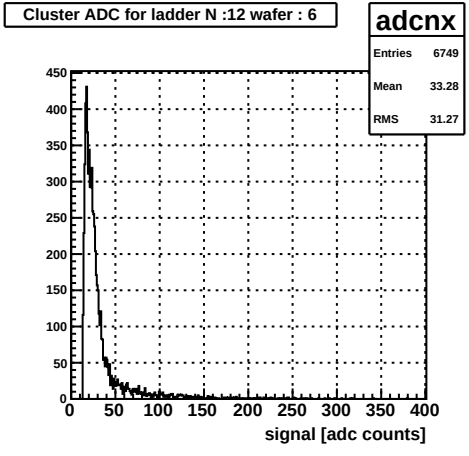

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7516
Mean 30.47
RMS 26.01
signal [adc counts]

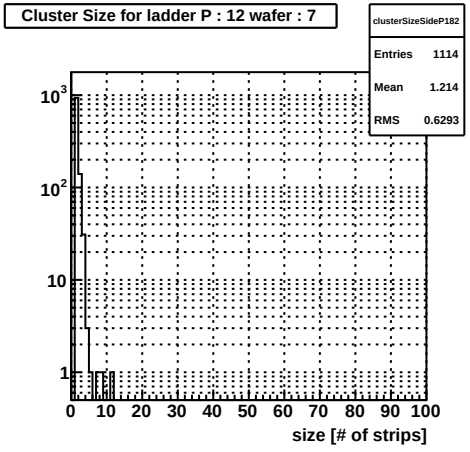

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2239
Mean 1.297
RMS 0.6879
size [# of strips]

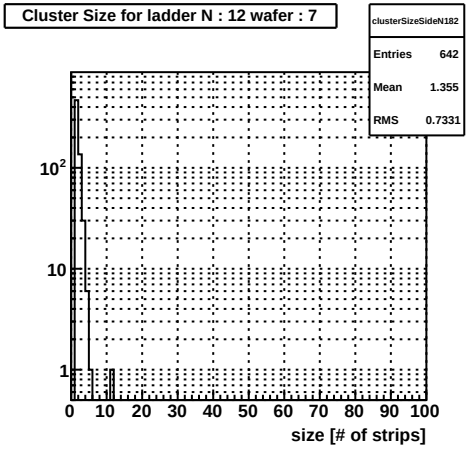

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6749
Mean 1.297
RMS 0.8592
size [# of strips]

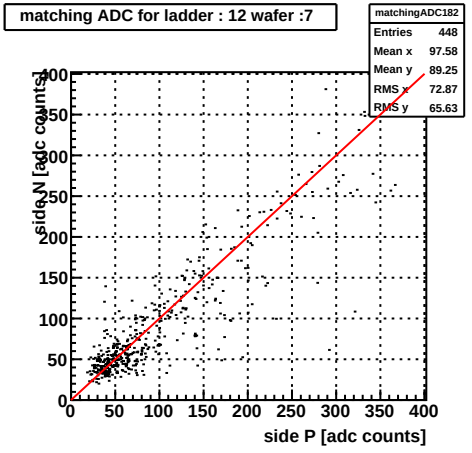

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 442
Mean x 74.45
Mean y 76.18
RMS x 66.37
RMS y 60.87
side N [adc counts]
side P [adc counts]

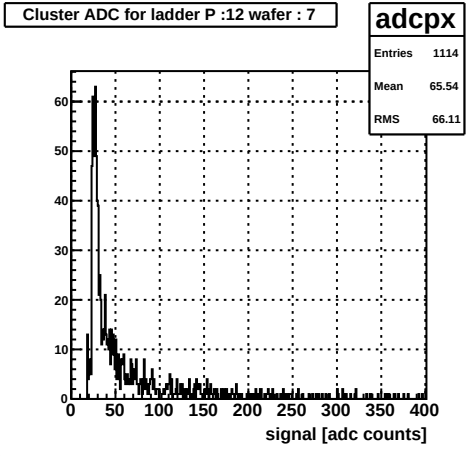

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2239
Mean 44.93
RMS 45.33
signal [adc counts]

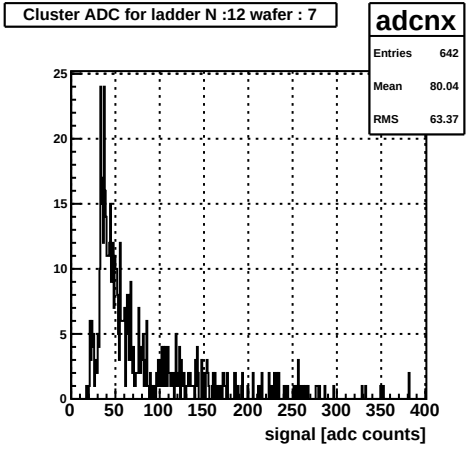

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6749
Mean 33.28
RMS 31.27
signal [adc counts]

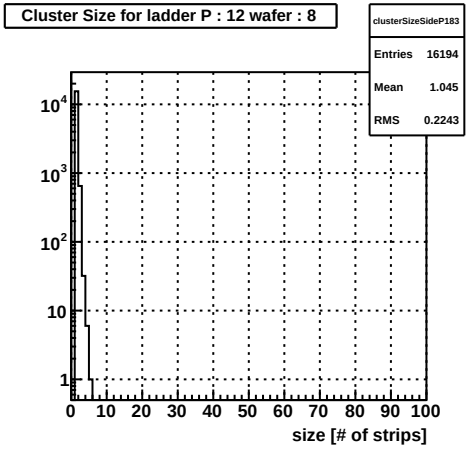

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1114
Mean 1.214
RMS 0.6293
size [# of strips]

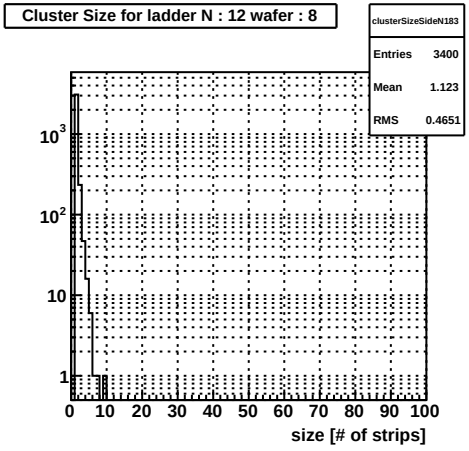

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 642
Mean 1.355
RMS 0.7331
size [# of strips]

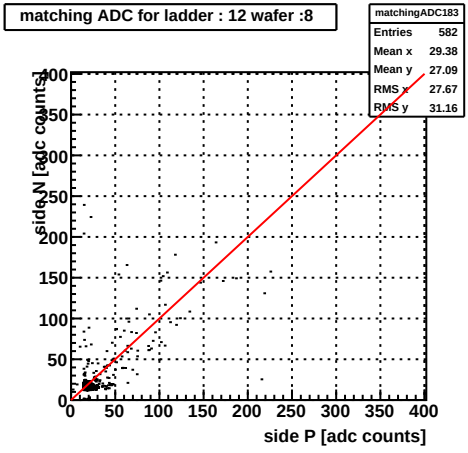

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 448
Mean x 97.58
Mean y 89.25
RMS x 72.87
RMS y 65.63
side N [adc counts]
side P [adc counts]

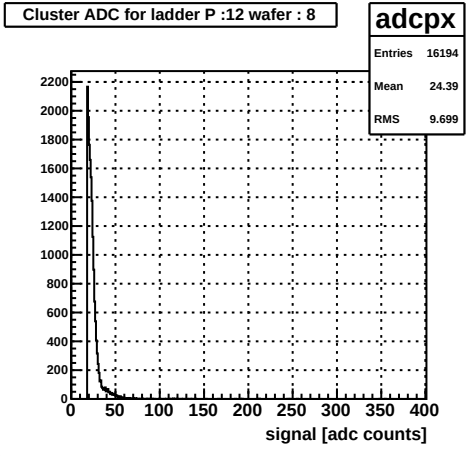

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1114
Mean 65.54
RMS 66.11
signal [adc counts]

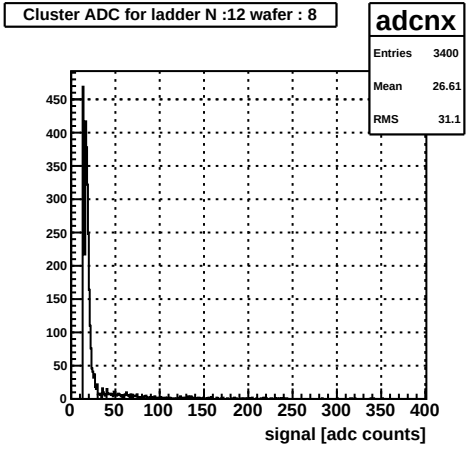

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 642
Mean 80.04
RMS 63.37
signal [adc counts]

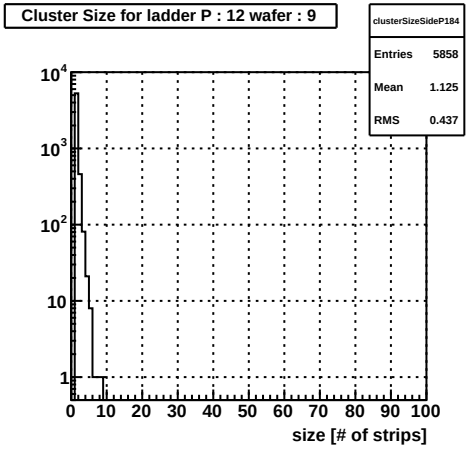

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 16194
Mean 1.045
RMS 0.2243
size [# of strips]

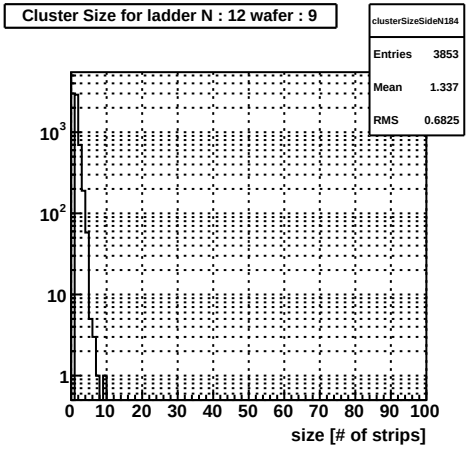

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3400
Mean 1.123
RMS 0.4651
size [# of strips]

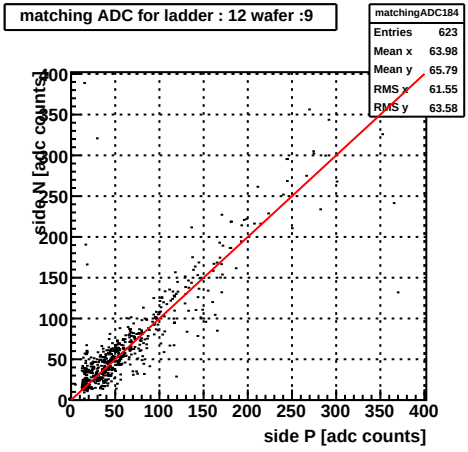

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 582
Mean x 29.38
Mean y 27.09
RMS x 27.67
RMS y 31.16
side N [adc counts]
side P [adc counts]

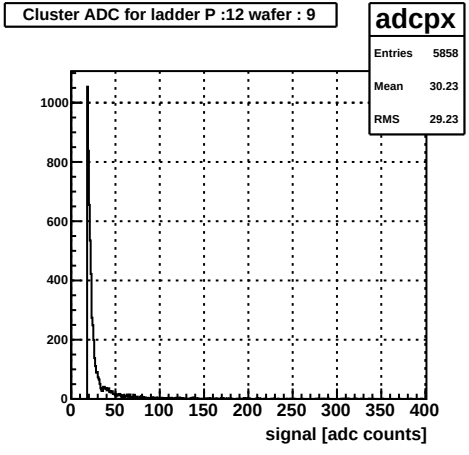

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 16194
Mean 24.39
RMS 9.699
signal [adc counts]

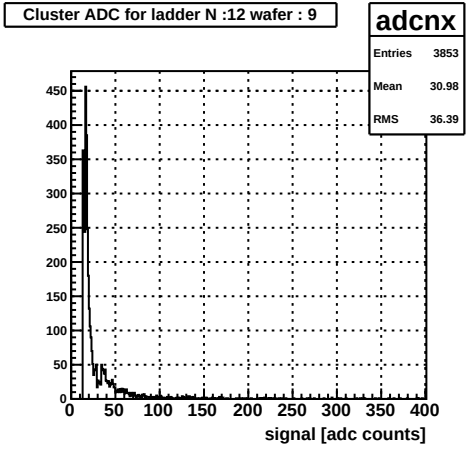

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3400
Mean 26.61
RMS 31.1
signal [adc counts]

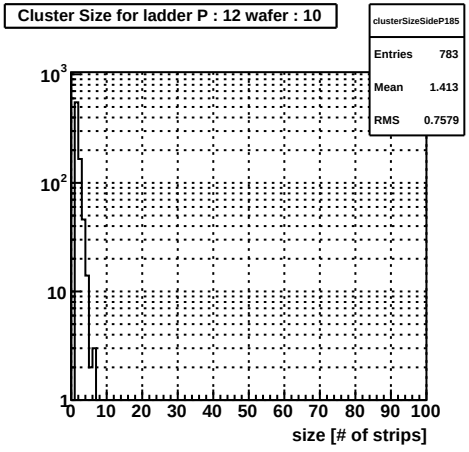

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5858
Mean 1.125
RMS 0.437
size [# of strips]

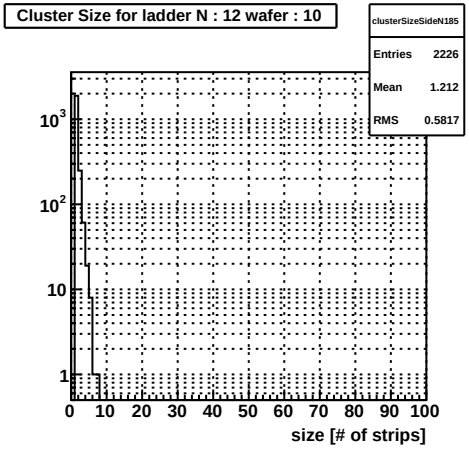

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3853
Mean 1.337
RMS 0.6825
size [# of strips]

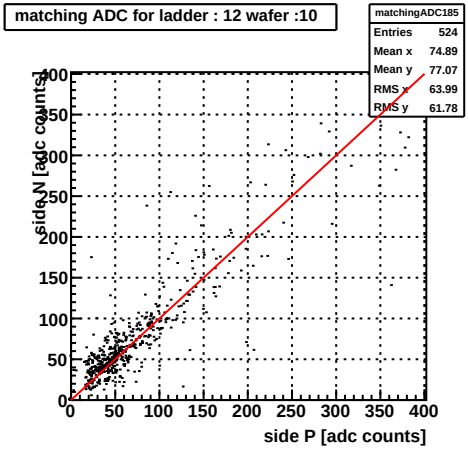

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 623
Mean x 63.98
Mean y 65.79
RMS x 61.55
RMS y 63.58
side N [adc counts]
side P [adc counts]

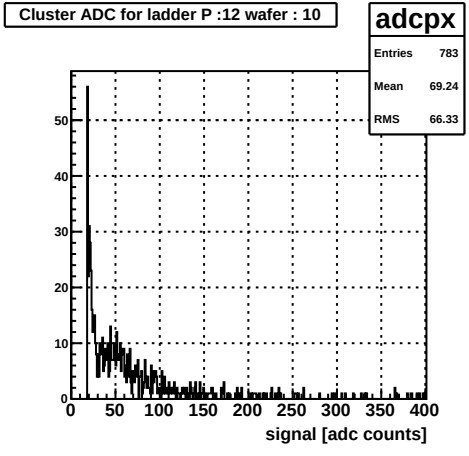

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5858
Mean 30.23
RMS 29.23
signal [adc counts]

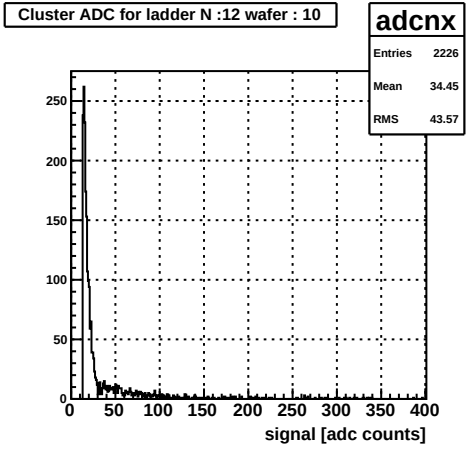

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3853
Mean 30.98
RMS 36.39
signal [adc counts]

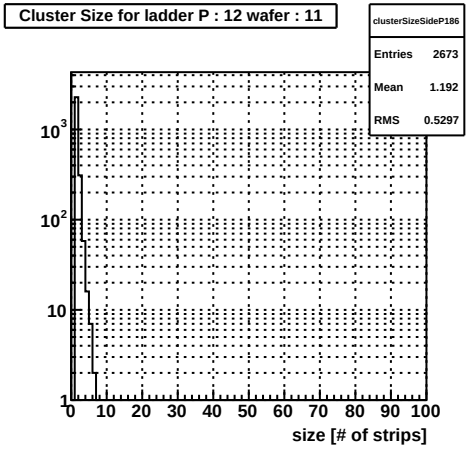

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 783
Mean 1.413
RMS 0.7579
size [# of strips]

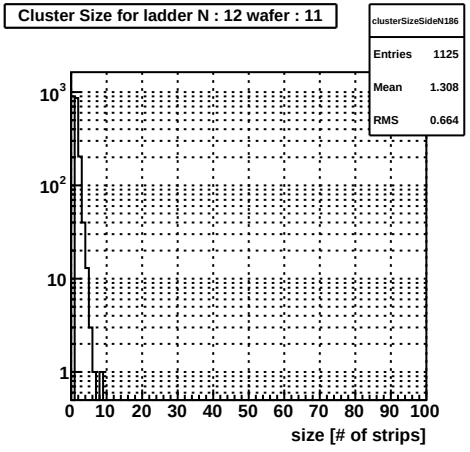

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2226
Mean 1.212
RMS 0.5817
size [# of strips]

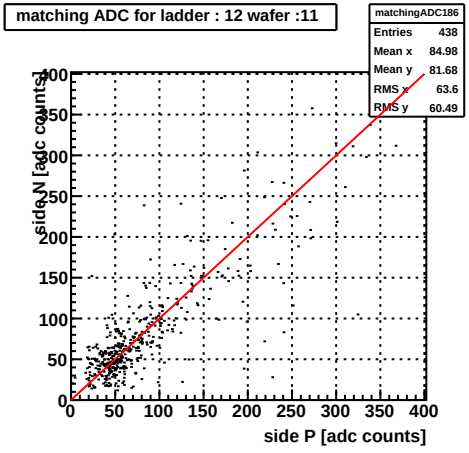

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 524
Mean x 74.89
Mean y 77.07
RMS x 63.99
RMS y 61.78
side N [adc counts]
side P [adc counts]

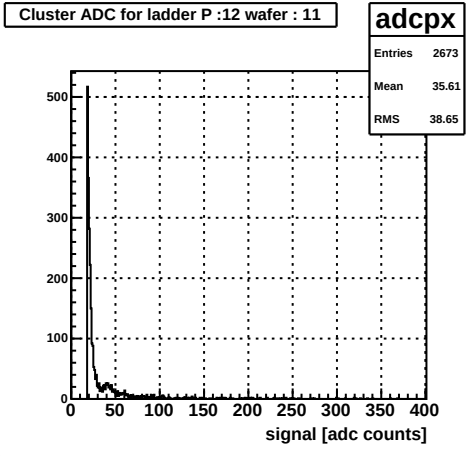

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 783
Mean 69.24
RMS 66.33
signal [adc counts]

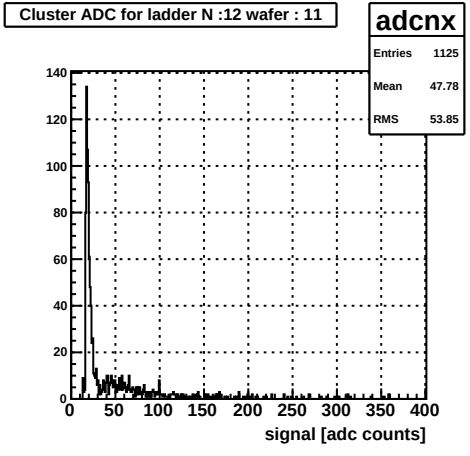

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2226
Mean 34.45
RMS 43.57
signal [adc counts]

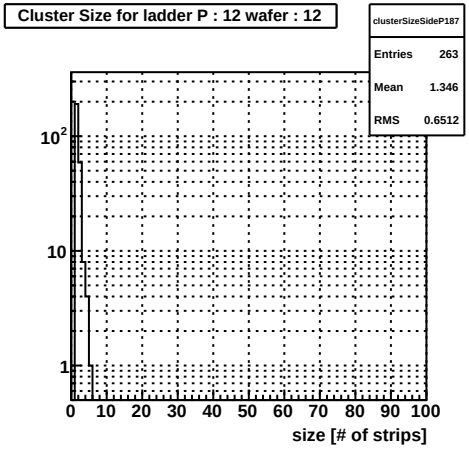

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2673
Mean 1.192
RMS 0.5297
size [# of strips]

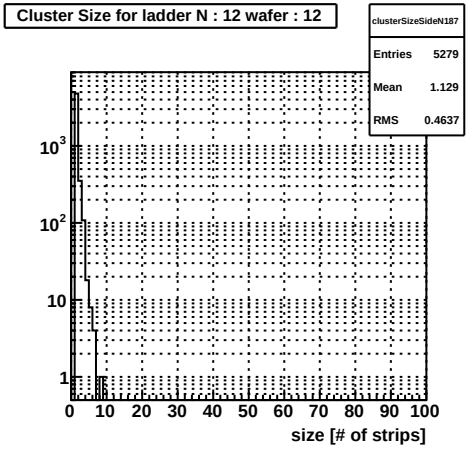

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1125
Mean 1.308
RMS 0.664
size [# of strips]

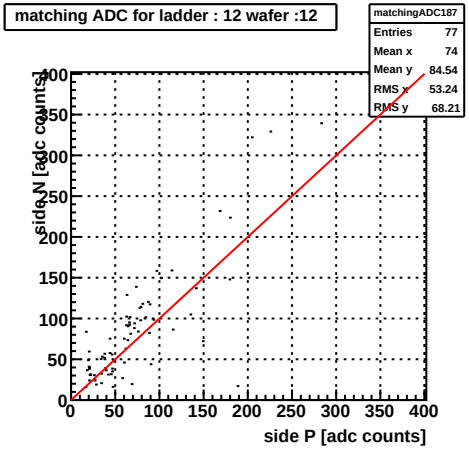

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 438
Mean x 84.98
Mean y 81.68
RMS x 63.6
RMS y 60.49
side N [adc counts]
side P [adc counts]

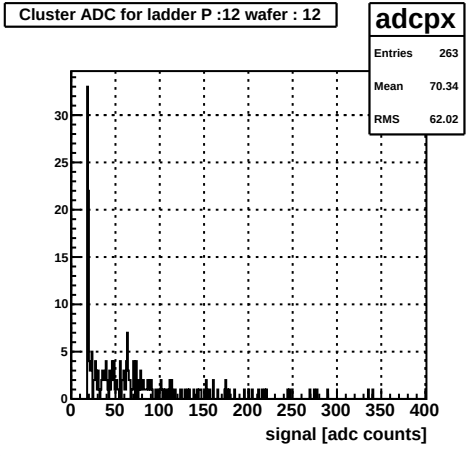

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2673
Mean 35.61
RMS 38.65
signal [adc counts]

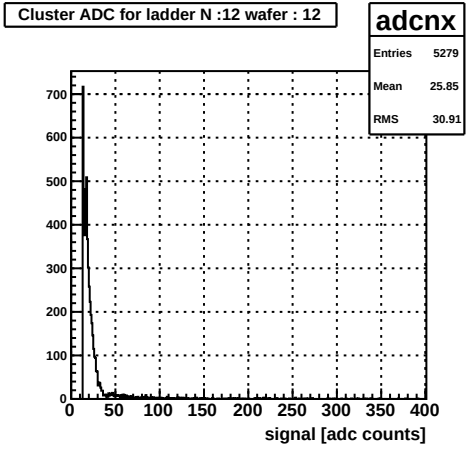

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1125
Mean 47.78
RMS 53.85
signal [adc counts]

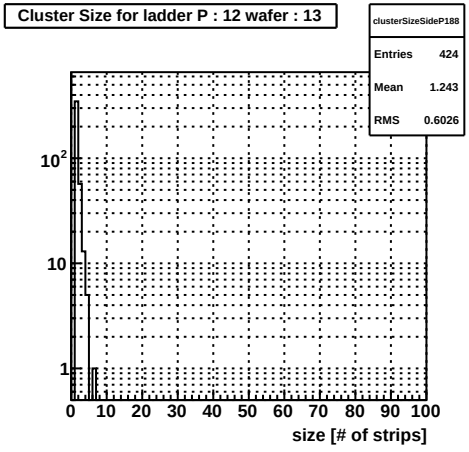

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 263
Mean 1.346
RMS 0.6512
size [# of strips]

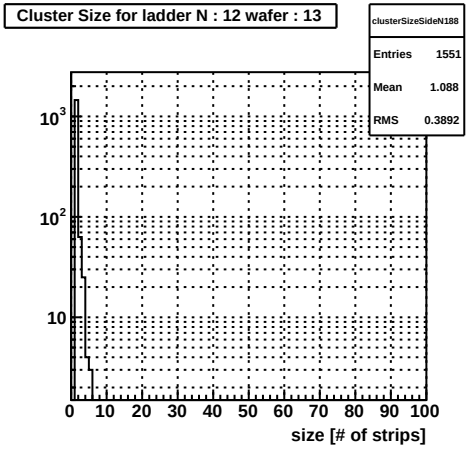

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 5279
Mean 1.129
RMS 0.4637
size [# of strips]

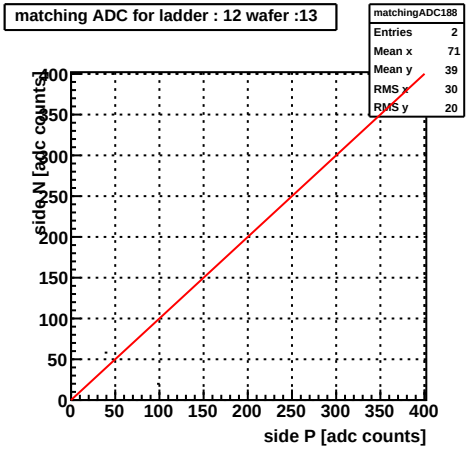

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 77
Mean x 74
Mean y 84.54
RMS x 53.24
RMS y 68.21
side N [adc counts]
side P [adc counts]

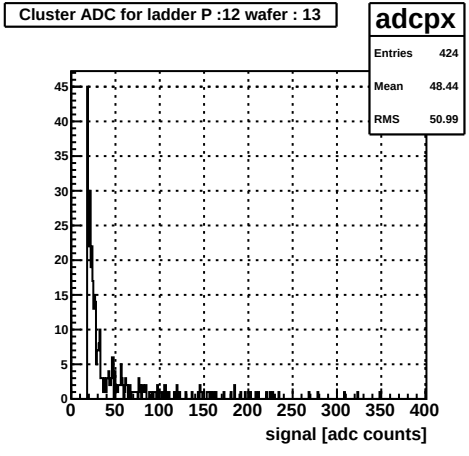

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 263
Mean 70.34
RMS 62.02
signal [adc counts]

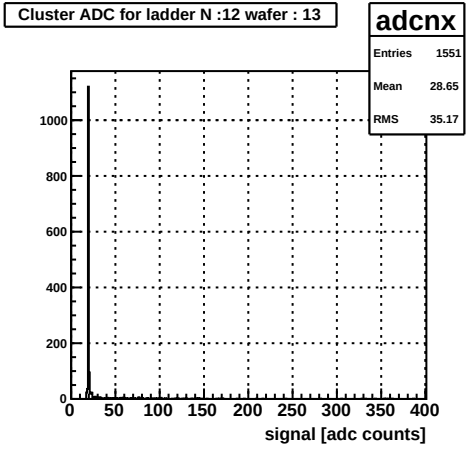

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 5279
Mean 25.85
RMS 30.91
signal [adc counts]

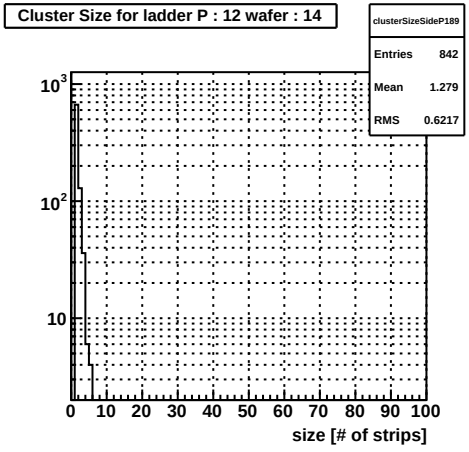

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 424
Mean 1.243
RMS 0.6026
size [# of strips]

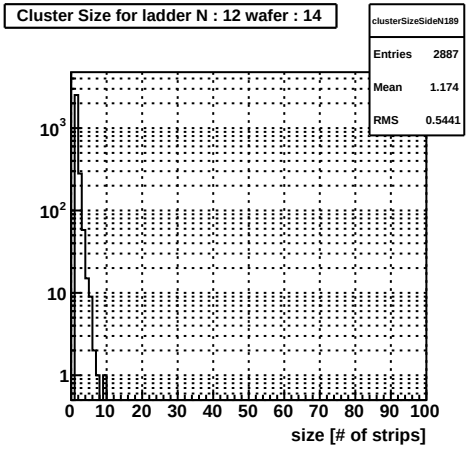

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1551
Mean 1.088
RMS 0.3892
size [# of strips]

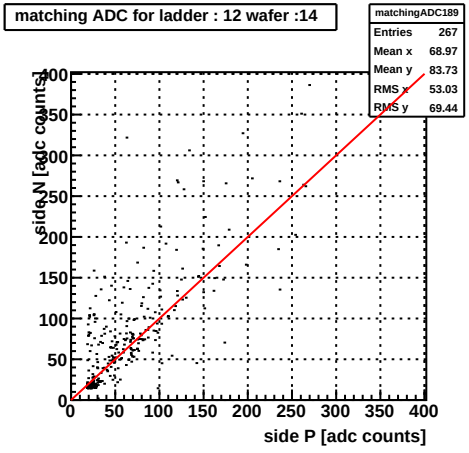

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2
Mean x 71
Mean y 39
RMS x 30
RMS y 20
side N [adc counts]
side P [adc counts]

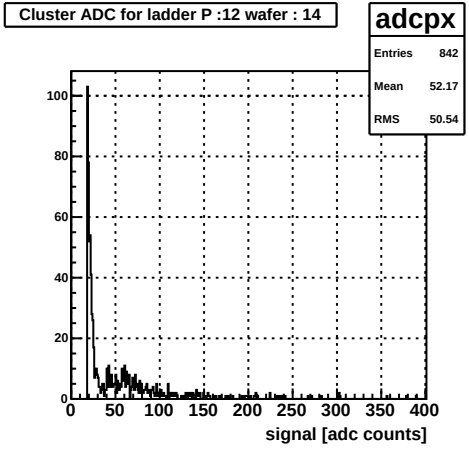

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 424
Mean 48.44
RMS 50.99
signal [adc counts]

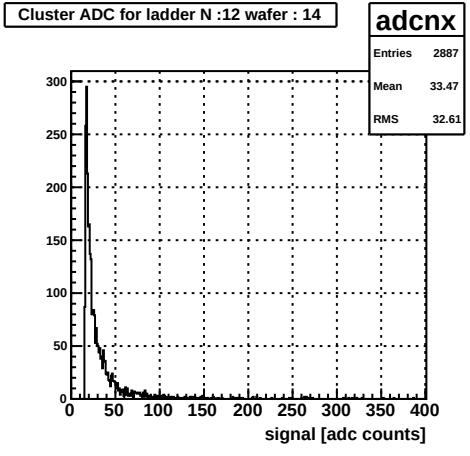

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1551
Mean 28.65
RMS 35.17
signal [adc counts]

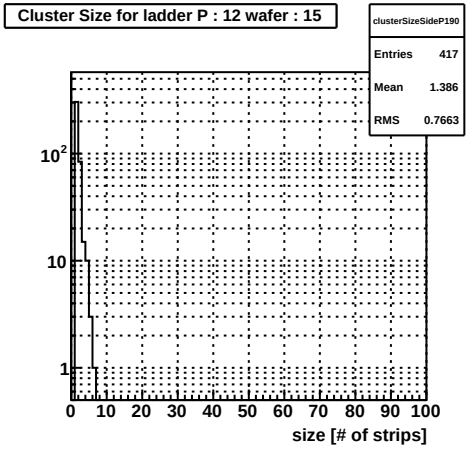

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 842
Mean 1.279
RMS 0.6217
size [# of strips]

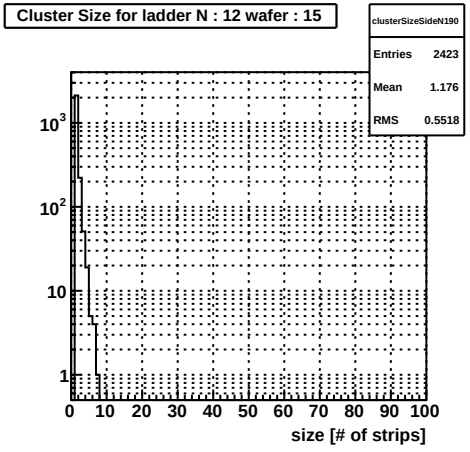

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2887
Mean 1.174
RMS 0.5441
size [# of strips]

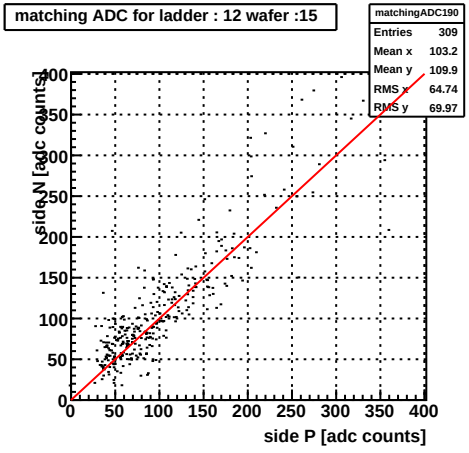

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 267
Mean x 68.97
Mean y 83.73
RMS x 53.03
RMS y 69.44
side N [adc counts]
side P [adc counts]

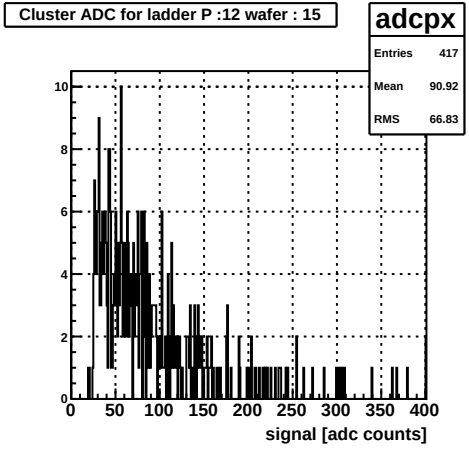

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 842
Mean 52.17
RMS 50.54
signal [adc counts]

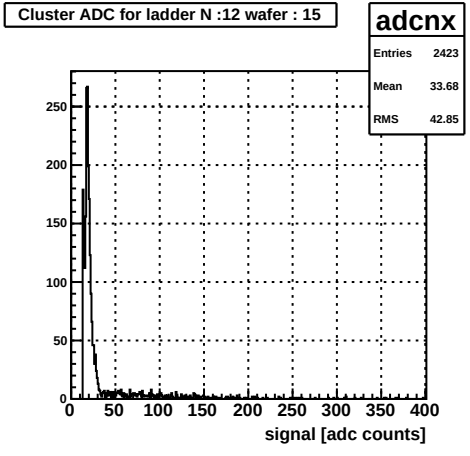

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2887
Mean 33.47
RMS 32.61
signal [adc counts]

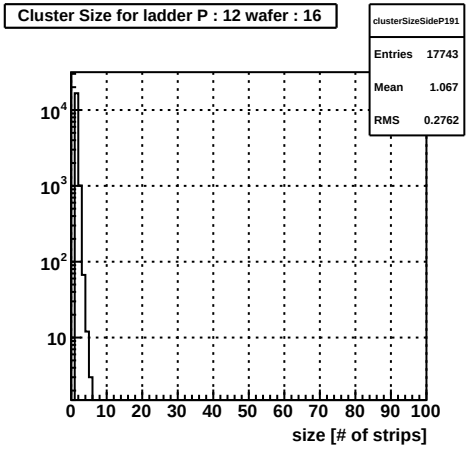

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 417
Mean 1.386
RMS 0.7663
size [# of strips]

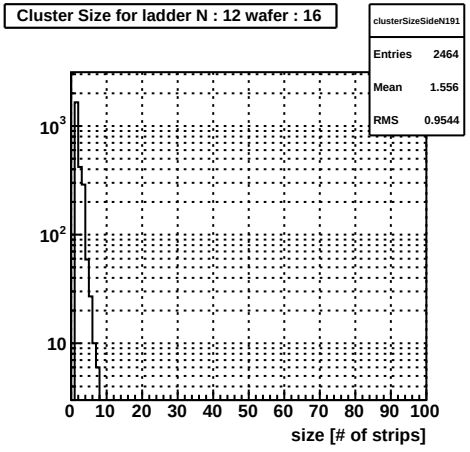

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2423
Mean 1.176
RMS 0.5518
size [# of strips]

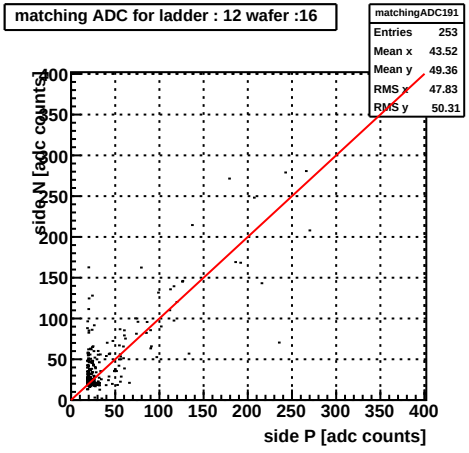

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 309
Mean x 103.2
Mean y 109.9
RMS x 64.74
RMS y 69.97
side N [adc counts]
side P [adc counts]

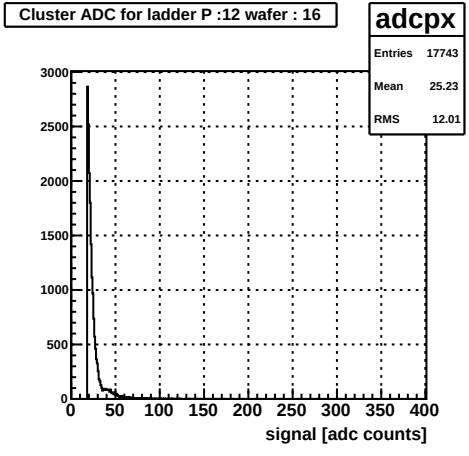

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 417
Mean 90.92
RMS 66.83
signal [adc counts]

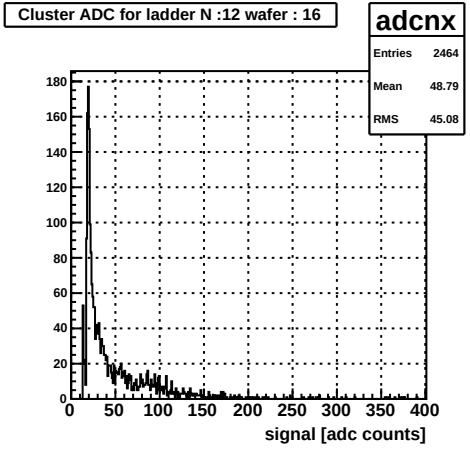

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2423
Mean 33.68
RMS 42.85
signal [adc counts]

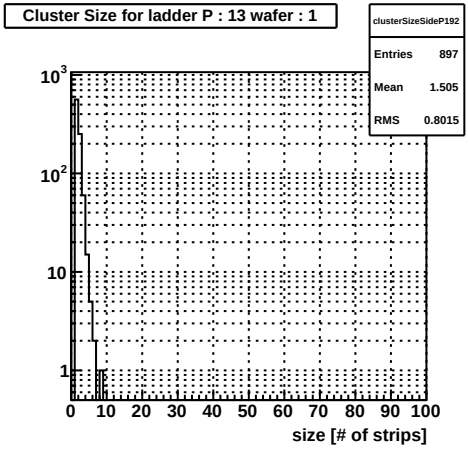

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 17743
Mean 1.067
RMS 0.2762
size [# of strips]

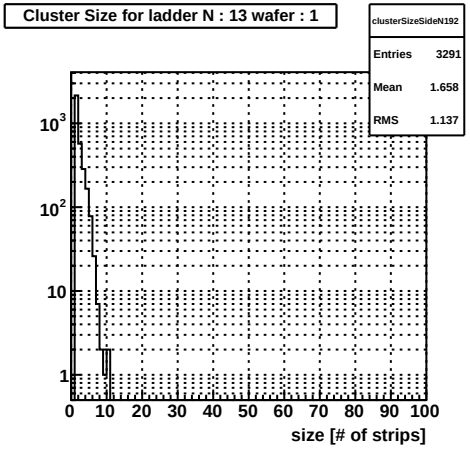

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2464
Mean 1.556
RMS 0.9544
size [# of strips]

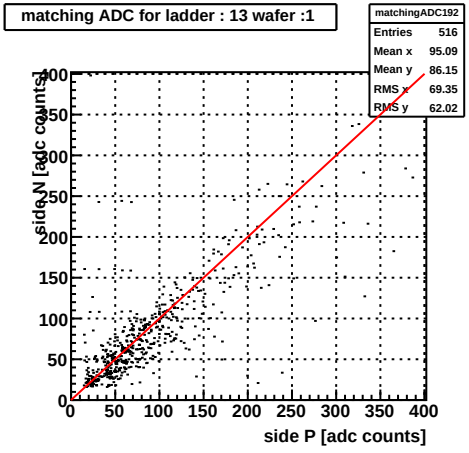

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 253
Mean x 43.52
Mean y 49.36
RMS x 47.83
RMS y 50.31
side N [adc counts]
side P [adc counts]

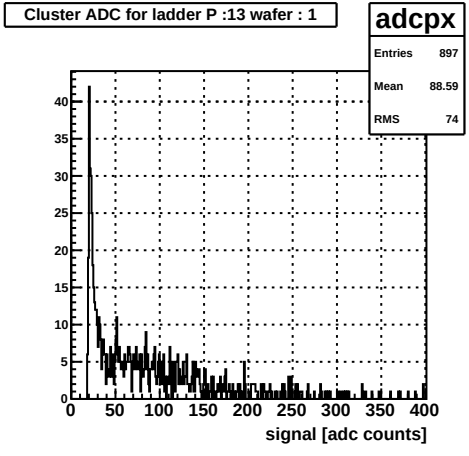

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 17743
Mean 25.23
RMS 12.01
signal [adc counts]

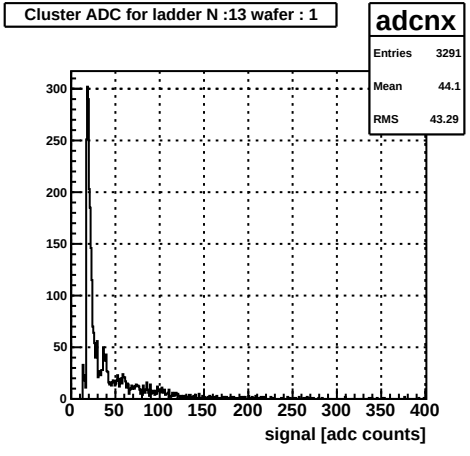

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2464
Mean 48.79
RMS 45.08
signal [adc counts]

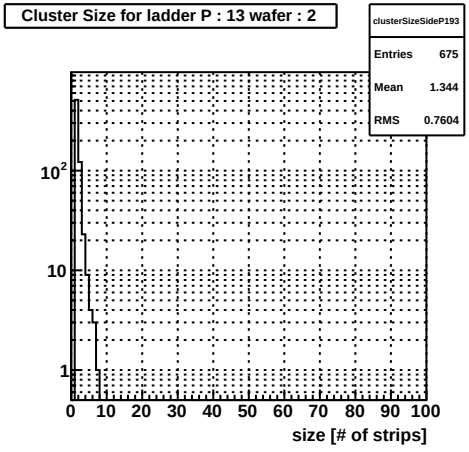

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 897
Mean 1.505
RMS 0.8015
size [# of strips]

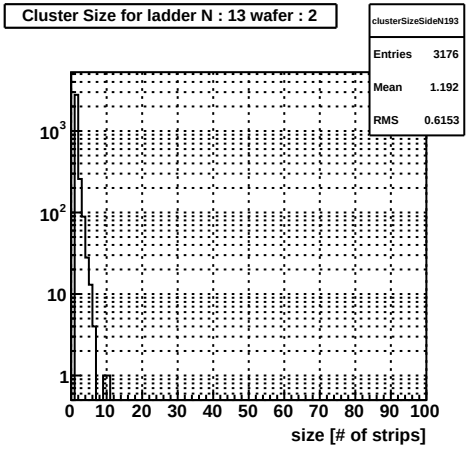

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3291
Mean 1.658
RMS 1.137
size [# of strips]

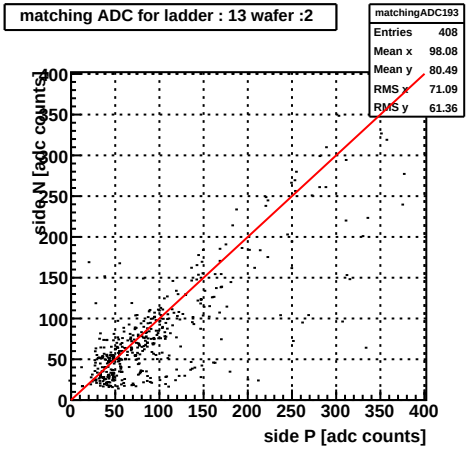

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 516
Mean x 95.09
Mean y 86.15
RMS x 69.35
RMS y 62.02
side N [adc counts]
side P [adc counts]

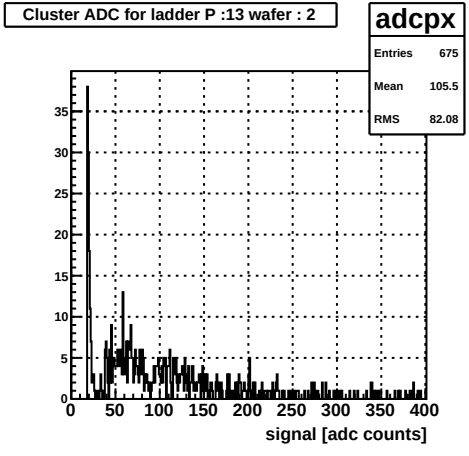

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 897
Mean 88.59
RMS 74
signal [adc counts]

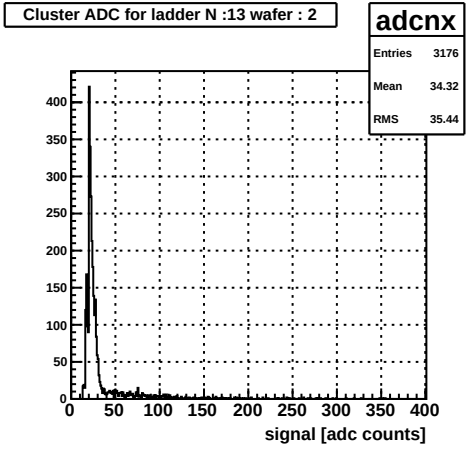

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3291
Mean 44.1
RMS 43.29
signal [adc counts]

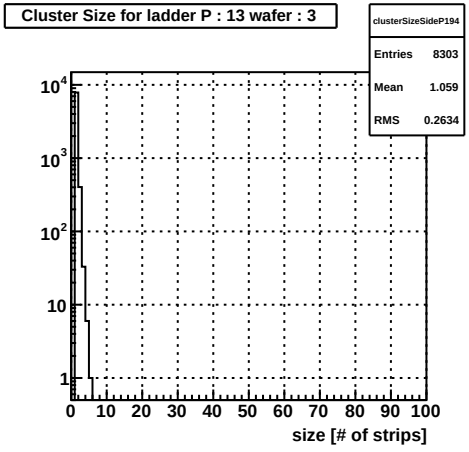

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 675
Mean 1.344
RMS 0.7604
size [# of strips]

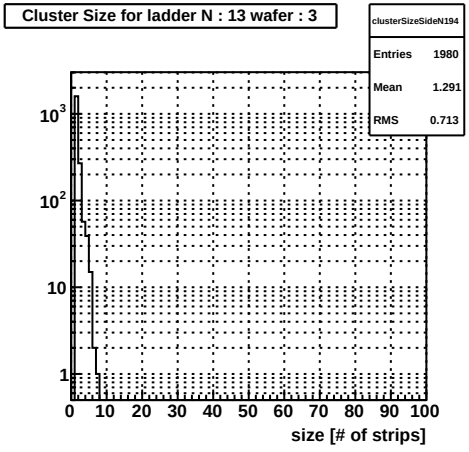

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3176
Mean 1.192
RMS 0.6153
size [# of strips]

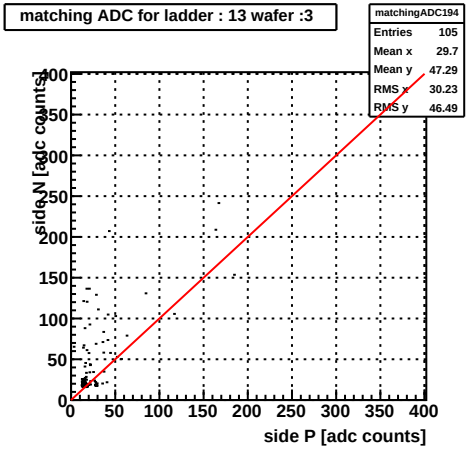

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 408
Mean x 98.08
Mean y 80.49
RMS x 71.09
RMS y 61.36
side N [adc counts]
side P [adc counts]

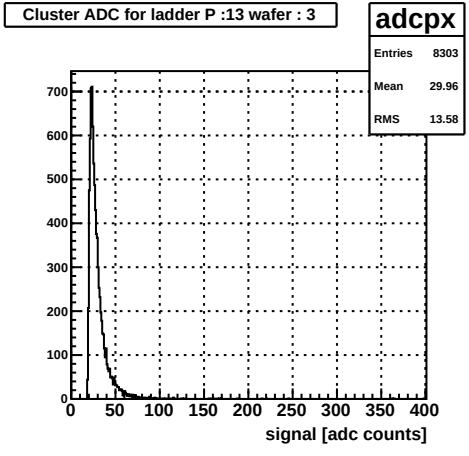

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 675
Mean 105.5
RMS 82.08
signal [adc counts]

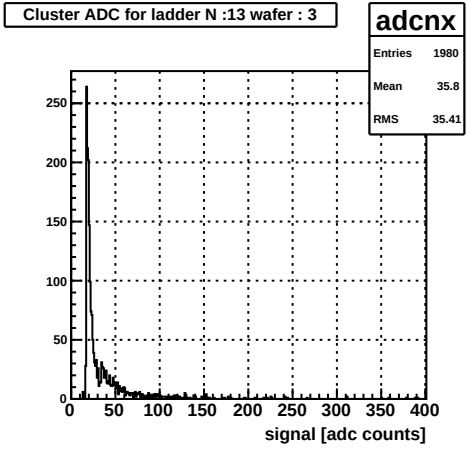

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3176
Mean 34.32
RMS 35.44
signal [adc counts]

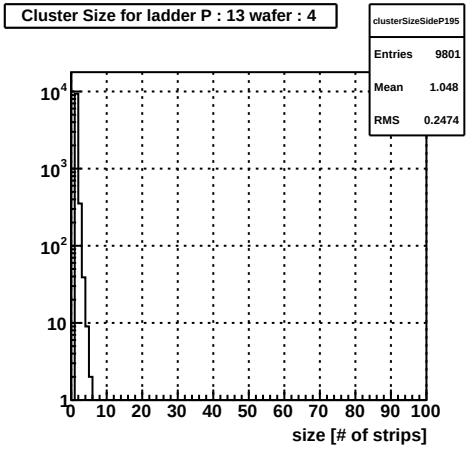

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8303
Mean 1.059
RMS 0.2634
size [# of strips]

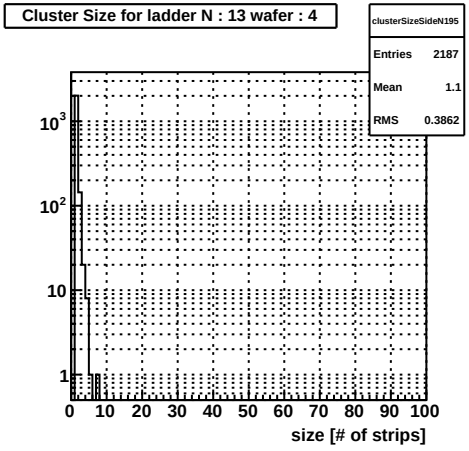

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1980
Mean 1.291
RMS 0.713
size [# of strips]

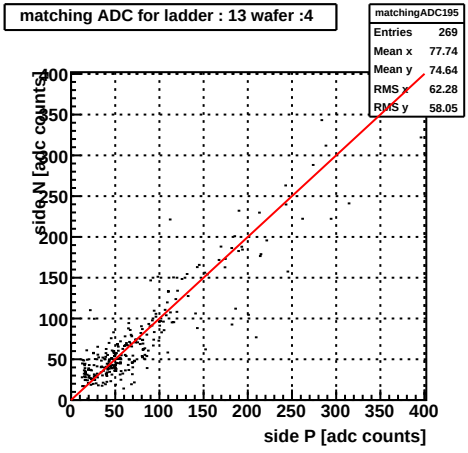

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 105
Mean x 29.7
Mean y 47.29
RMS x 30.23
RMS y 46.49
side N [adc counts]
side P [adc counts]

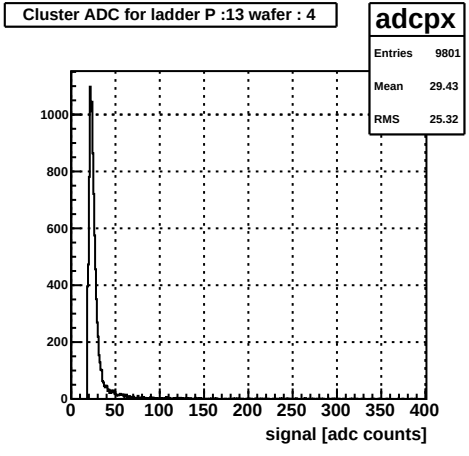

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8303
Mean 29.96
RMS 13.58
signal [adc counts]

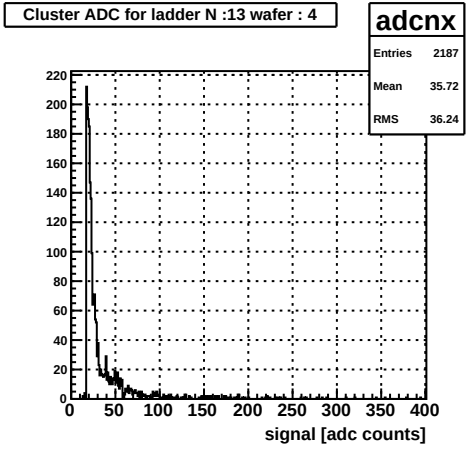

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1980
Mean 35.8
RMS 35.41
signal [adc counts]

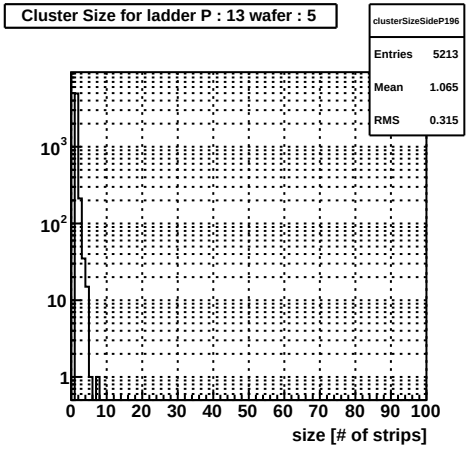

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9801
Mean 1.048
RMS 0.2474
size [# of strips]

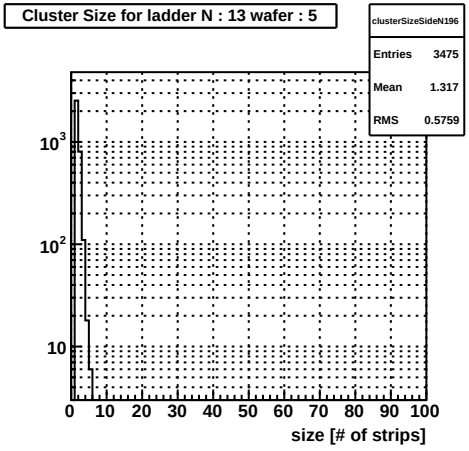

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2187
Mean 1.1
RMS 0.3862
size [# of strips]

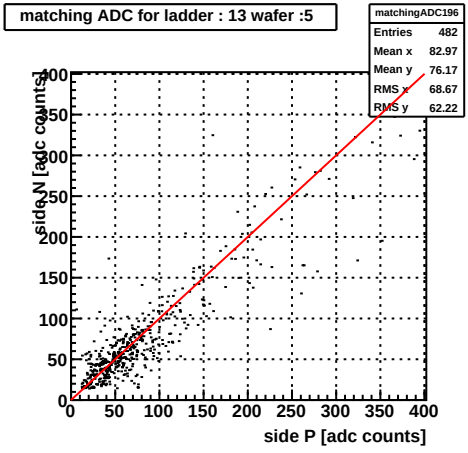

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 269
Mean x 77.74
Mean y 74.64
RMS x 62.28
RMS y 58.05
side N [adc counts]
side P [adc counts]

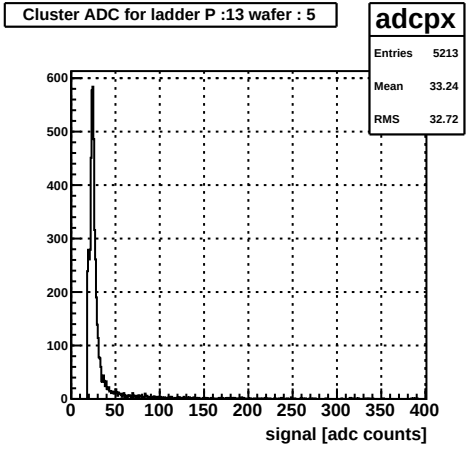

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9801
Mean 29.43
RMS 25.32
signal [adc counts]

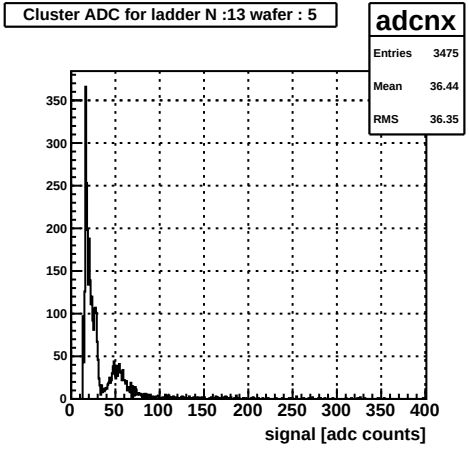

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2187
Mean 35.72
RMS 36.24
signal [adc counts]

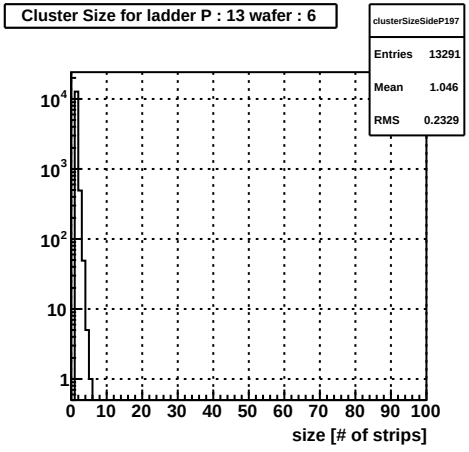

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5213
Mean 1.065
RMS 0.315
size [# of strips]

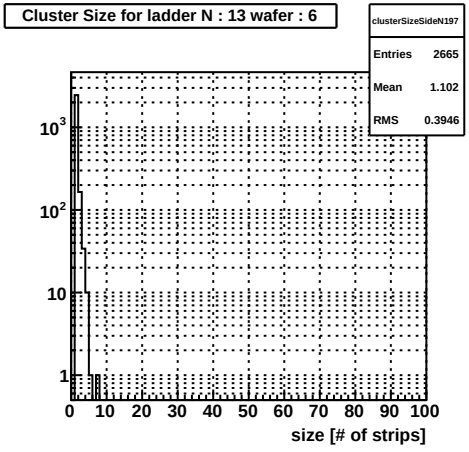

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3475
Mean 1.317
RMS 0.5759
size [# of strips]

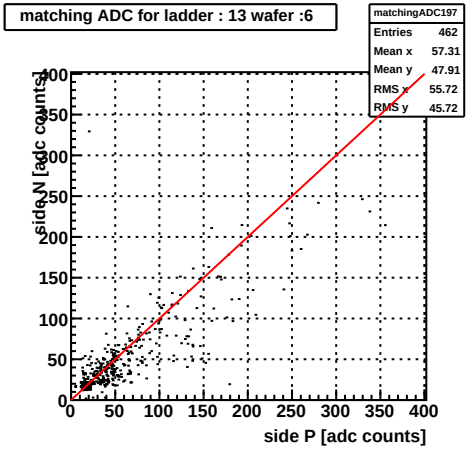

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 482
Mean x 82.97
Mean y 76.17
RMS x 68.67
RMS y 62.22
side N [adc counts]
side P [adc counts]

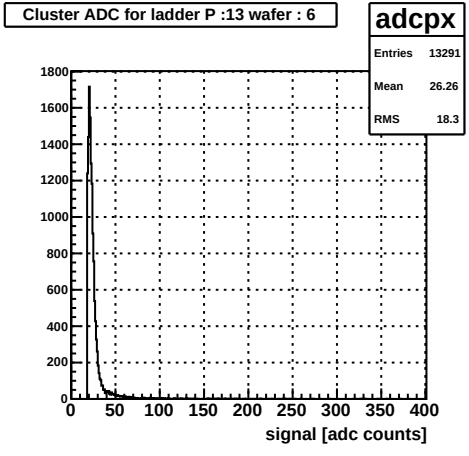

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5213
Mean 33.24
RMS 32.72
signal [adc counts]

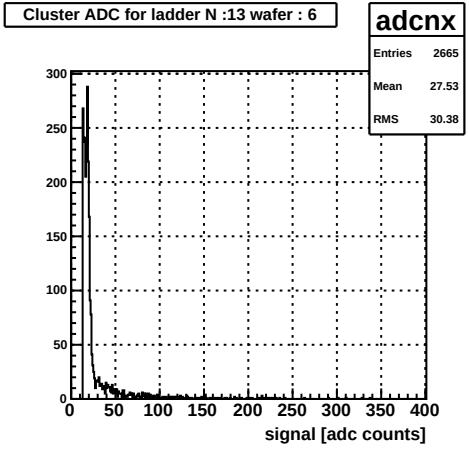

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3475
Mean 36.44
RMS 36.35
signal [adc counts]

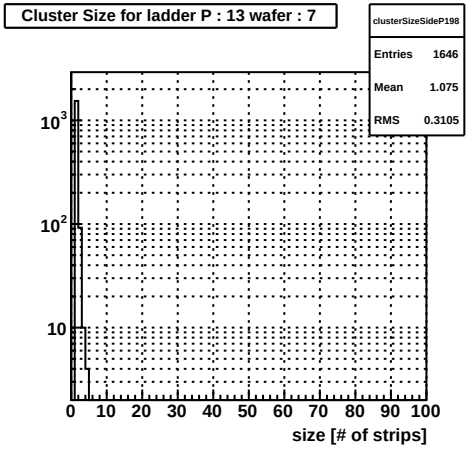

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 13291
Mean 1.046
RMS 0.2329
size [# of strips]

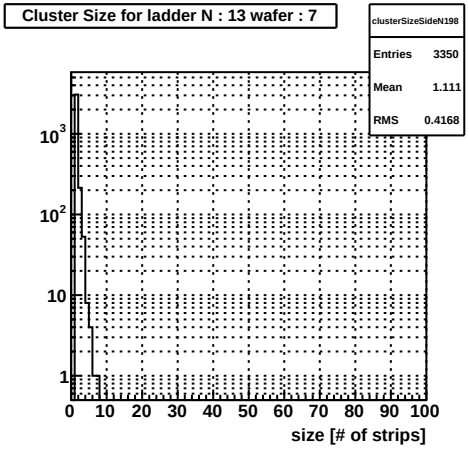

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2665
Mean 1.102
RMS 0.3946
size [# of strips]

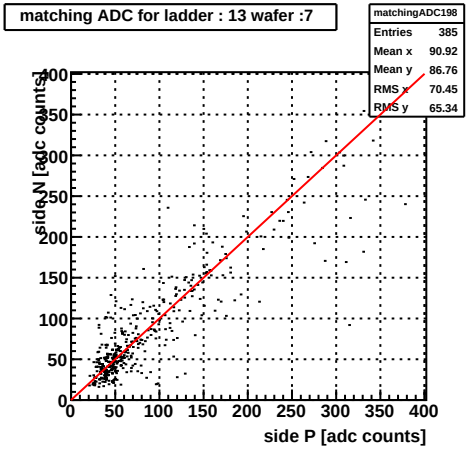

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 462
Mean x 57.31
Mean y 47.91
RMS x 55.72
RMS y 45.72
side N [adc counts]
side P [adc counts]

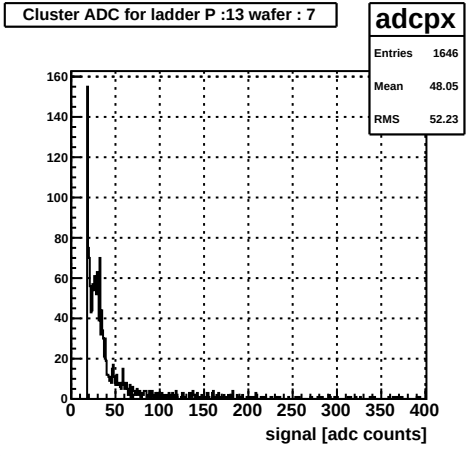

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 13291
Mean 26.26
RMS 18.3
signal [adc counts]

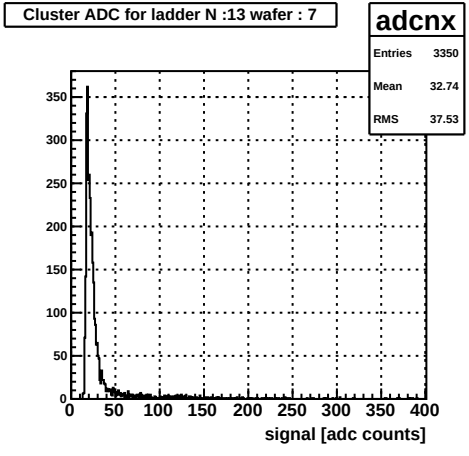

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2665
Mean 27.53
RMS 30.38
signal [adc counts]

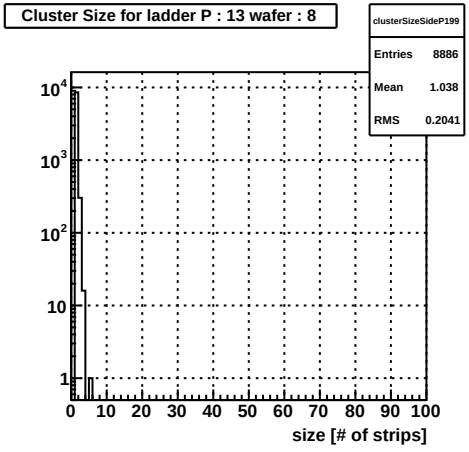

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1646
Mean 1.075
RMS 0.3105
size [# of strips]

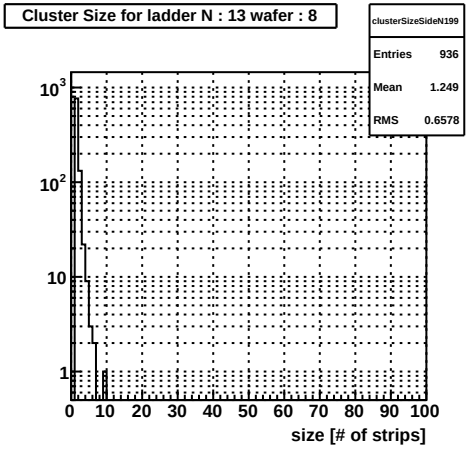

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3350
Mean 1.111
RMS 0.4168
size [# of strips]

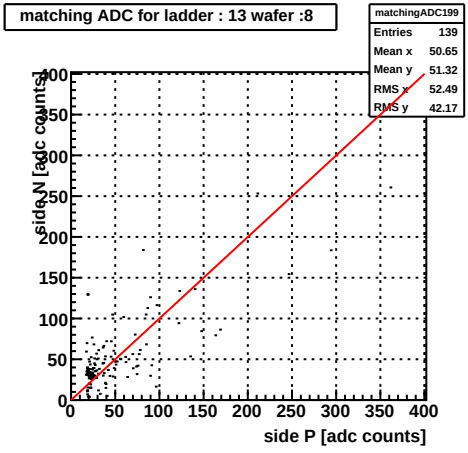

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 385
Mean x 90.92
Mean y 86.76
RMS x 70.45
RMS y 65.34
side N [adc counts]
side P [adc counts]

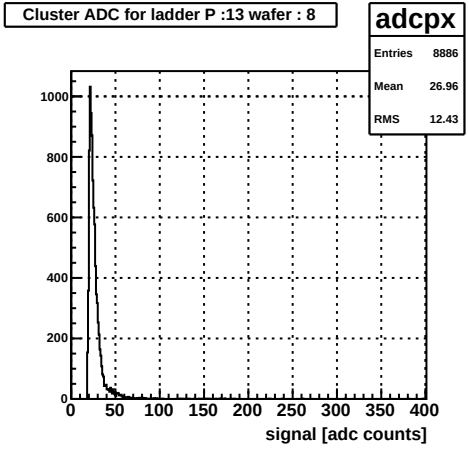

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1646
Mean 48.05
RMS 52.23
signal [adc counts]

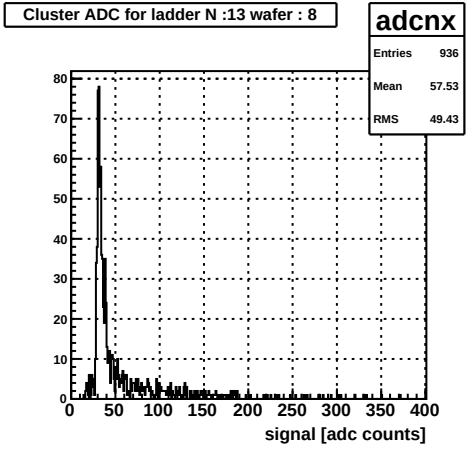

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3350
Mean 32.74
RMS 37.53
signal [adc counts]

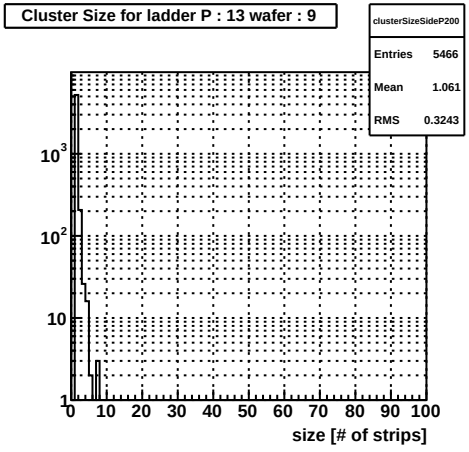

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8886
Mean 1.038
RMS 0.2041
size [# of strips]

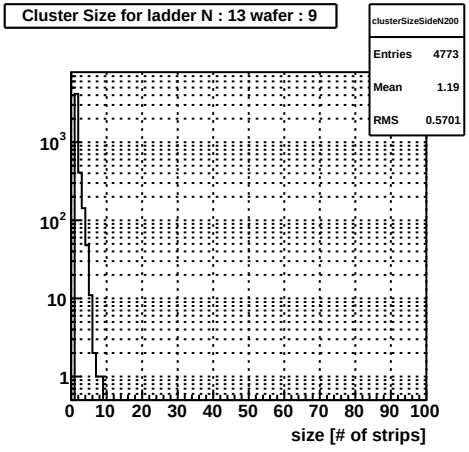

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 936
Mean 1.249
RMS 0.6578
size [# of strips]

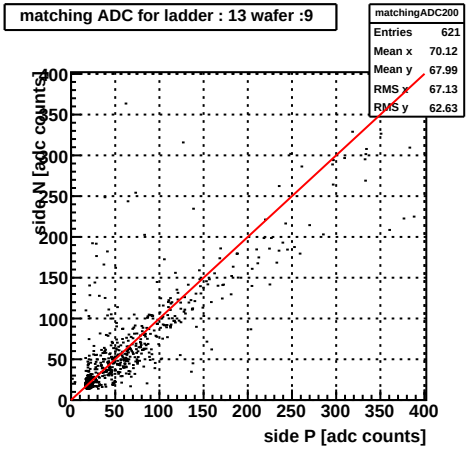

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 139
Mean x 50.65
Mean y 51.32
RMS x 52.49
RMS y 42.17
side N [adc counts]
side P [adc counts]

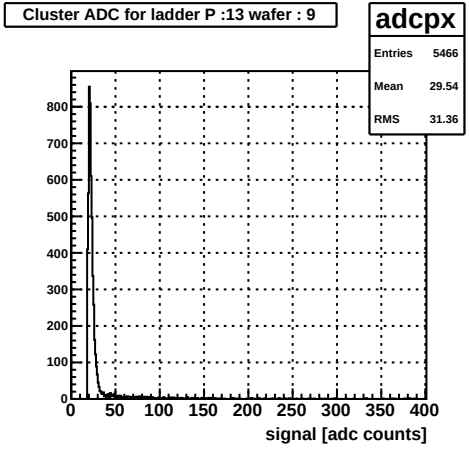

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8886
Mean 26.96
RMS 12.43
signal [adc counts]

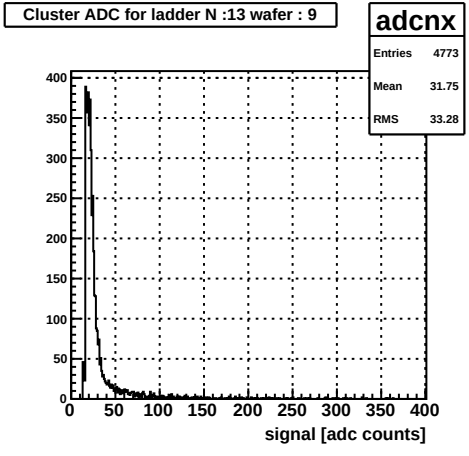

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 936
Mean 57.53
RMS 49.43
signal [adc counts]

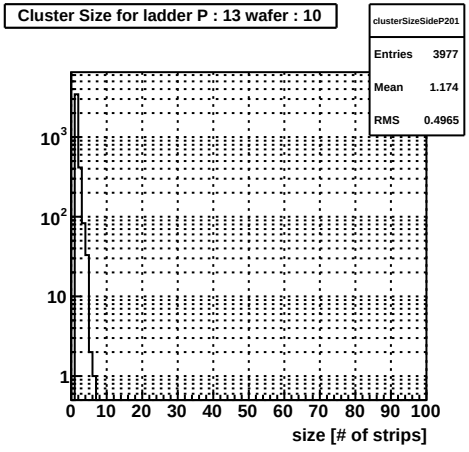

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5466
Mean 1.061
RMS 0.3243
size [# of strips]

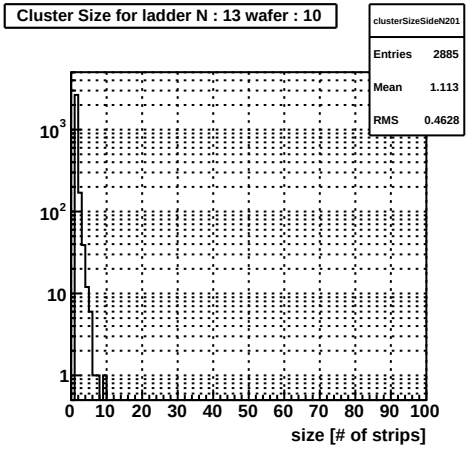

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4773
Mean 1.19
RMS 0.5701
size [# of strips]

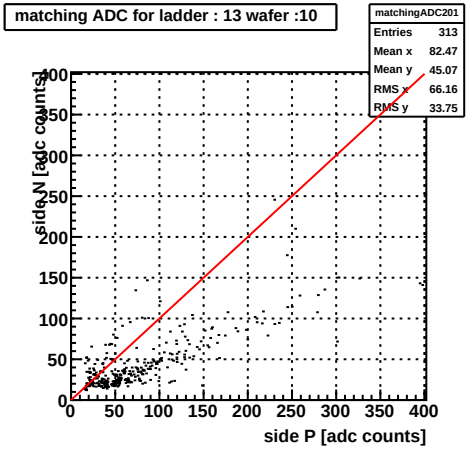

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 621
Mean x 70.12
Mean y 67.99
RMS x 67.13
RMS y 62.63
side N [adc counts]
side P [adc counts]

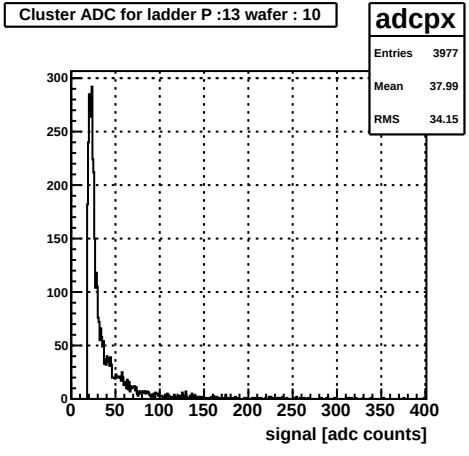

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5466
Mean 29.54
RMS 31.36
signal [adc counts]

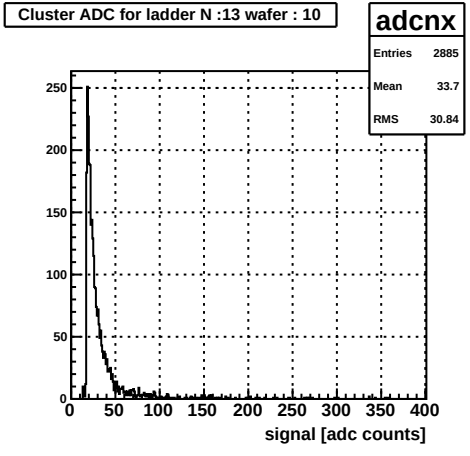

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4773
Mean 31.75
RMS 33.28
signal [adc counts]

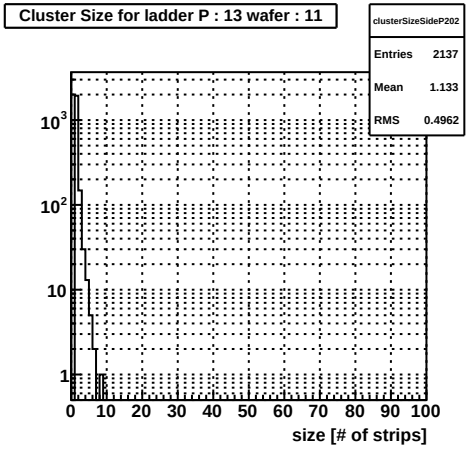

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3977
Mean 1.174
RMS 0.4965
size [# of strips]

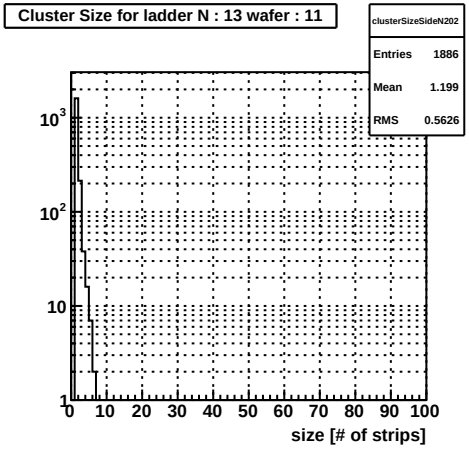

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2885
Mean 1.113
RMS 0.4628
size [# of strips]

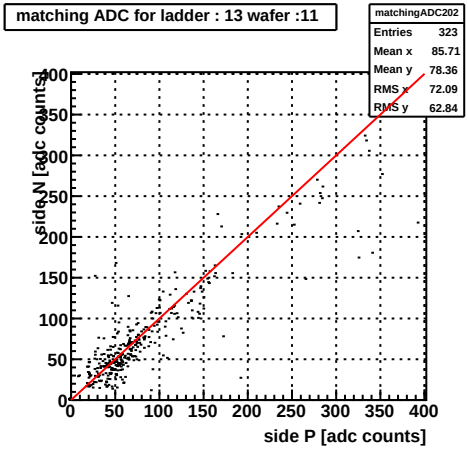

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 313
Mean x 82.47
Mean y 45.07
RMS x 66.16
RMS y 33.75
side N [adc counts]
side P [adc counts]

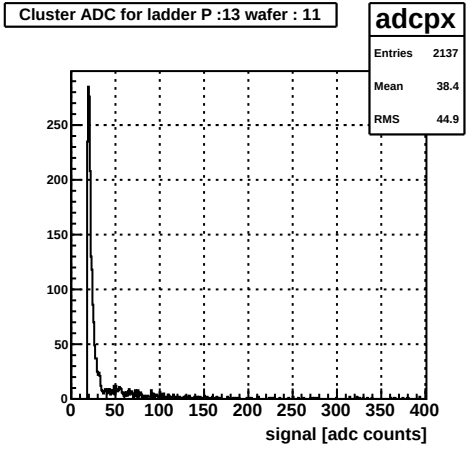

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3977
Mean 37.99
RMS 34.15
signal [adc counts]

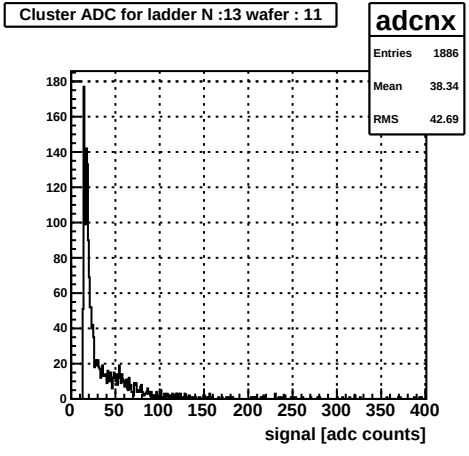

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2885
Mean 33.7
RMS 30.84
signal [adc counts]

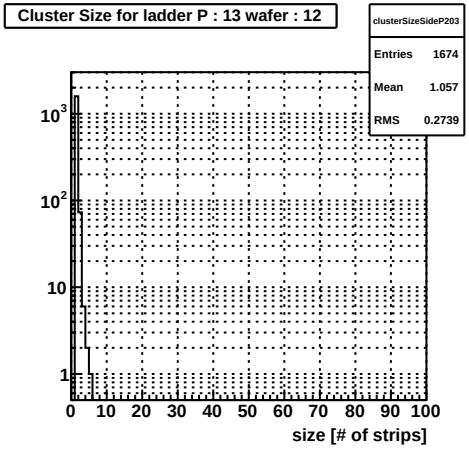

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2137
Mean 1.133
RMS 0.4962
size [# of strips]

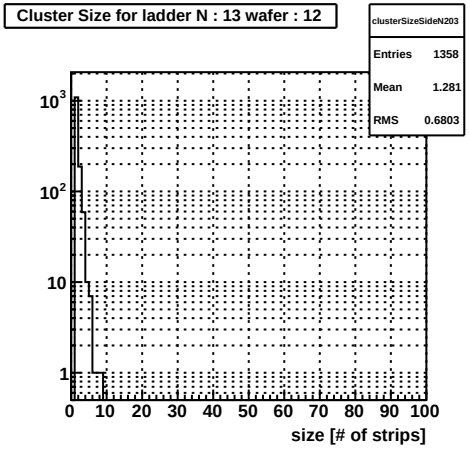

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1886
Mean 1.199
RMS 0.5626
size [# of strips]

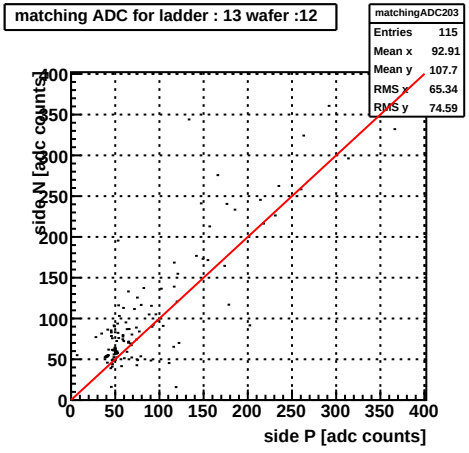

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 323
Mean x 85.71
Mean y 78.36
RMS x 72.09
RMS y 62.84
side N [adc counts]
side P [adc counts]

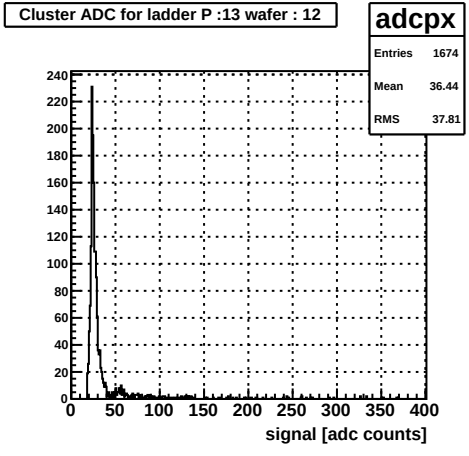

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2137
Mean 38.4
RMS 44.9
signal [adc counts]

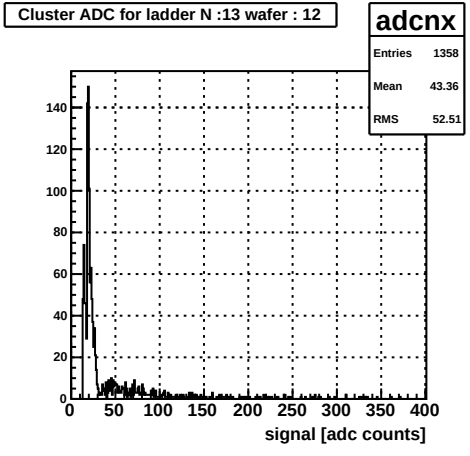

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1886
Mean 38.34
RMS 42.69
signal [adc counts]

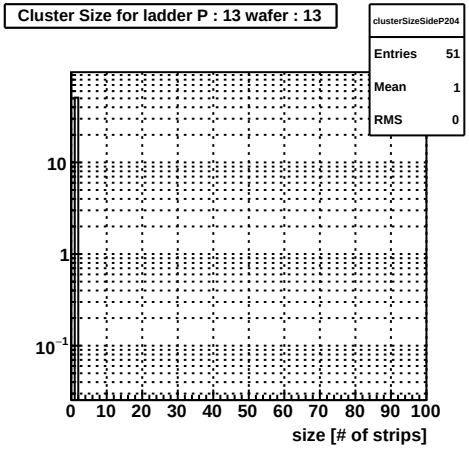

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1674
Mean 1.057
RMS 0.2739
size [# of strips]

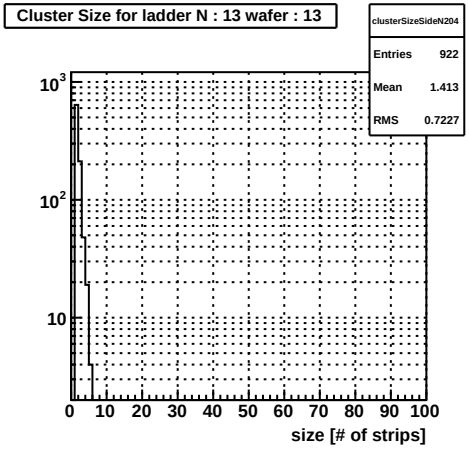

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1358
Mean 1.281
RMS 0.6803
size [# of strips]

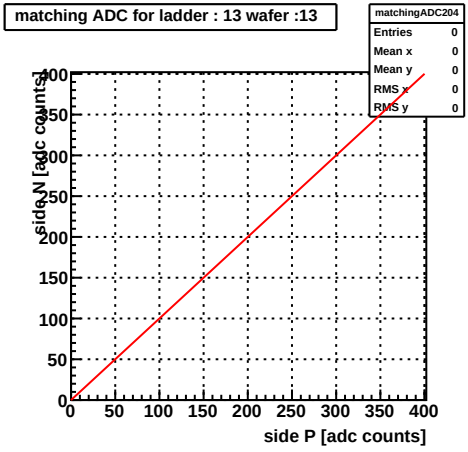

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 115
Mean x 92.91
Mean y 107.7
RMS x 65.34
RMS y 74.59
side N [adc counts]
side P [adc counts]

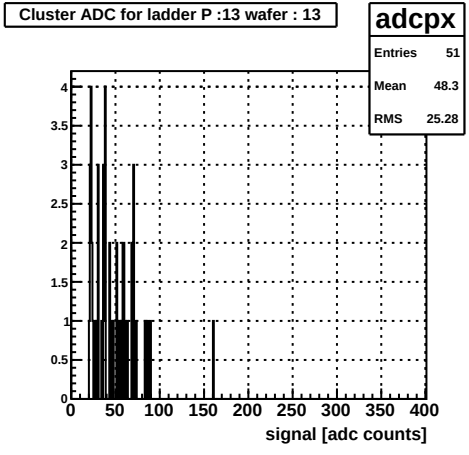

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1674
Mean 36.44
RMS 37.81
signal [adc counts]

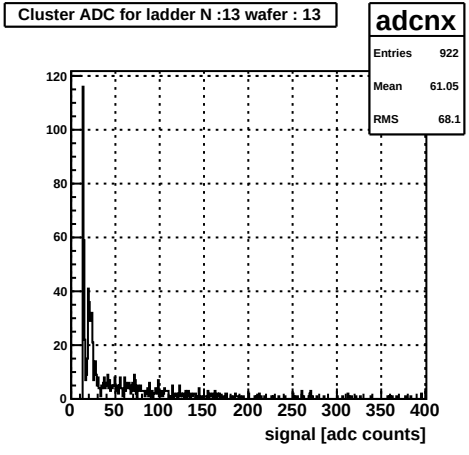

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1358
Mean 43.36
RMS 52.51
signal [adc counts]

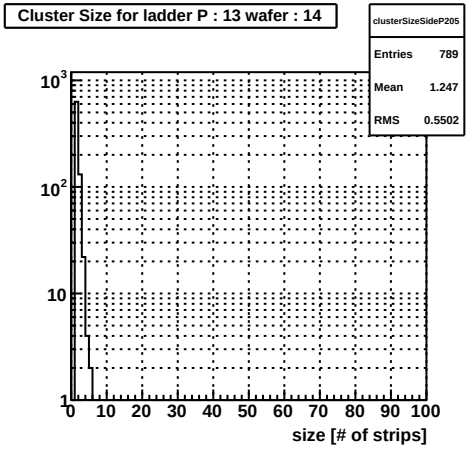

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 51
Mean 1
RMS 0
size [# of strips]

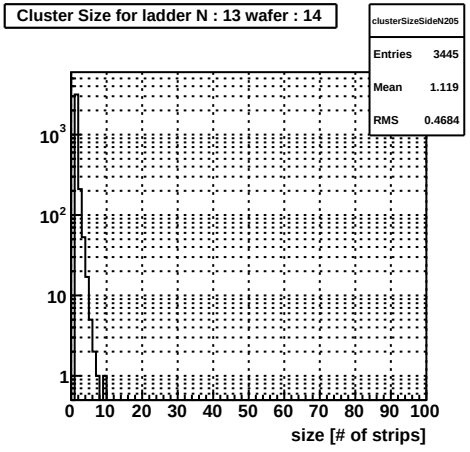

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 922
Mean 1.413
RMS 0.7227
size [# of strips]

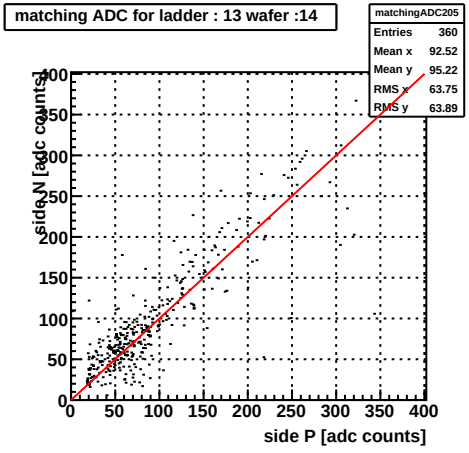

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

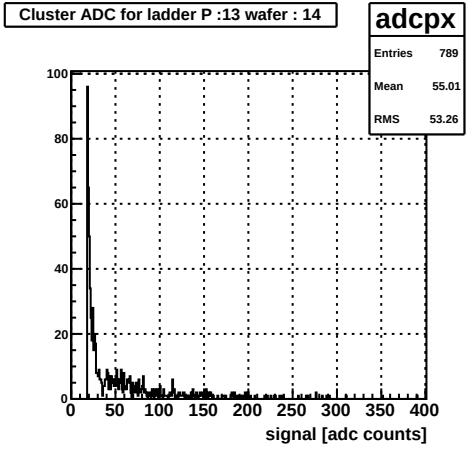

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 51
Mean 48.3
RMS 25.28
signal [adc counts]

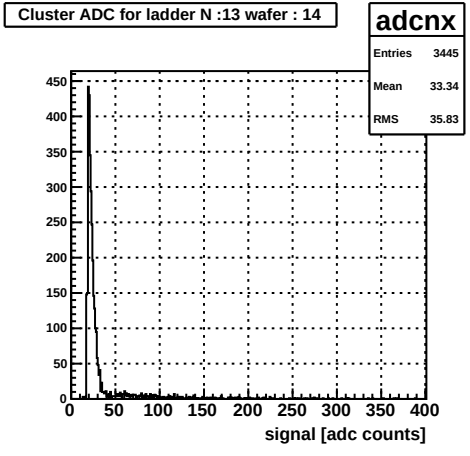

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 922
Mean 61.05
RMS 68.1
signal [adc counts]

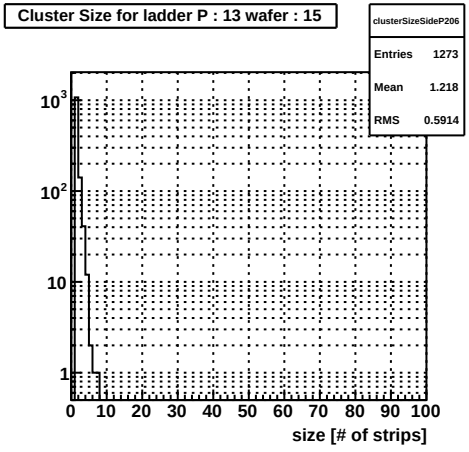

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 789
Mean 1.247
RMS 0.5502
size [# of strips]

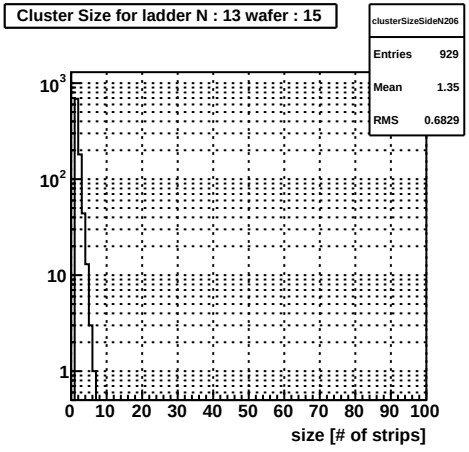

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3445
Mean 1.119
RMS 0.4684
size [# of strips]

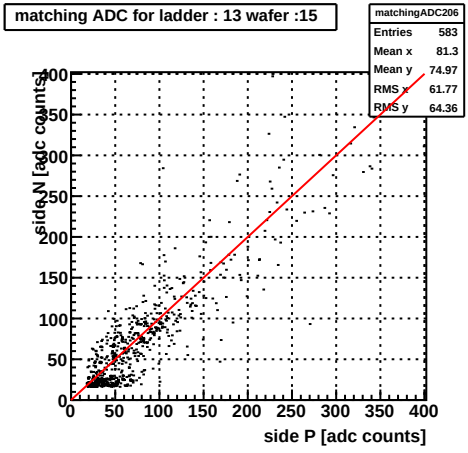

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 360
Mean x 92.52
Mean y 95.22
RMS x 63.75
RMS y 63.89
side N [adc counts]
side P [adc counts]

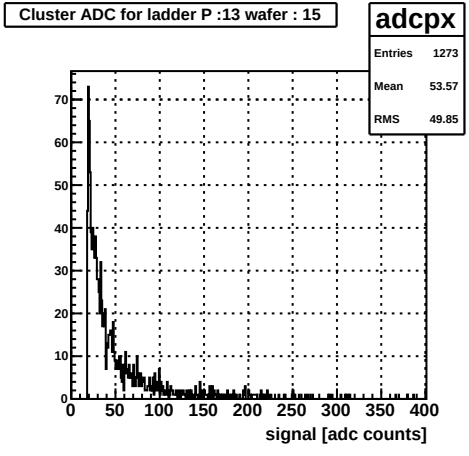

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 789
Mean 55.01
RMS 53.26
signal [adc counts]

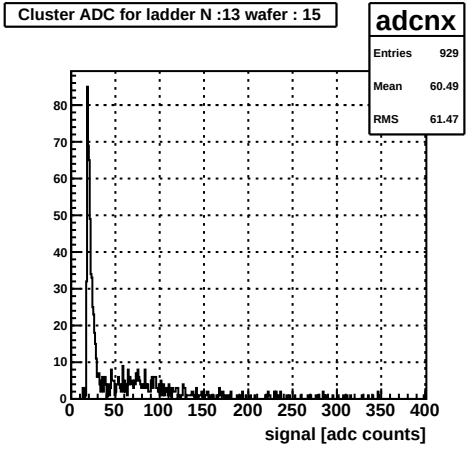

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3445
Mean 33.34
RMS 35.83
signal [adc counts]

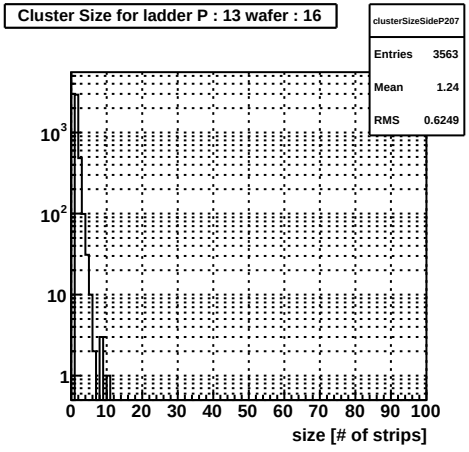

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1273
Mean 1.218
RMS 0.5914
size [# of strips]

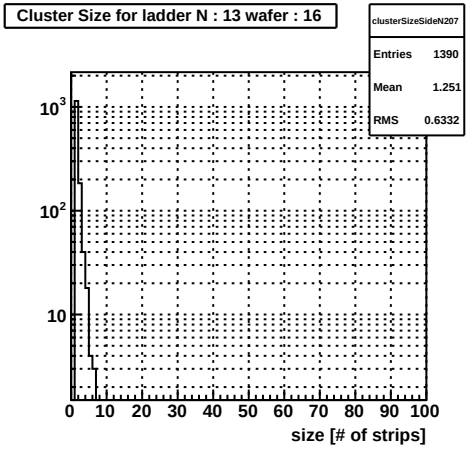

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 929
Mean 1.35
RMS 0.6829
size [# of strips]

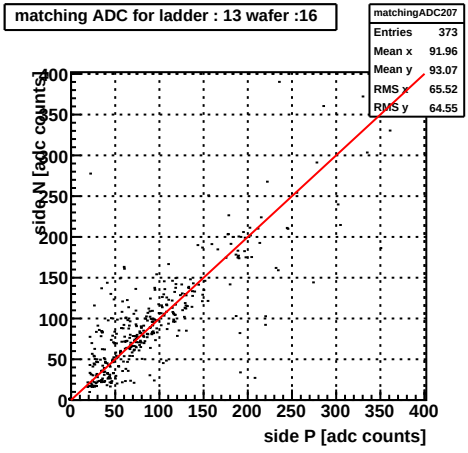

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 583
Mean x 81.3
Mean y 74.97
RMS x 61.77
RMS y 64.36
side N [adc counts]
side P [adc counts]

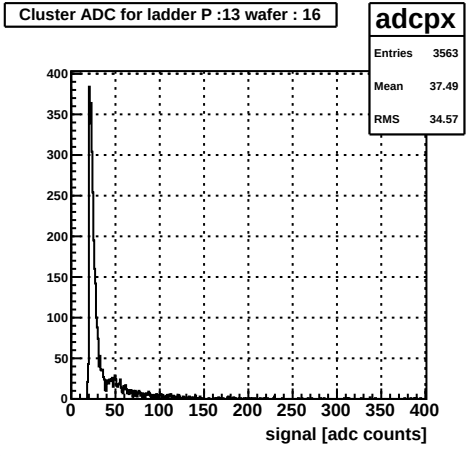

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1273
Mean 53.57
RMS 49.85
signal [adc counts]

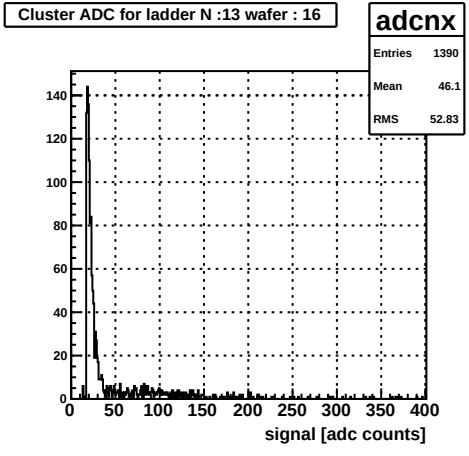

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 929
Mean 60.49
RMS 61.47
signal [adc counts]

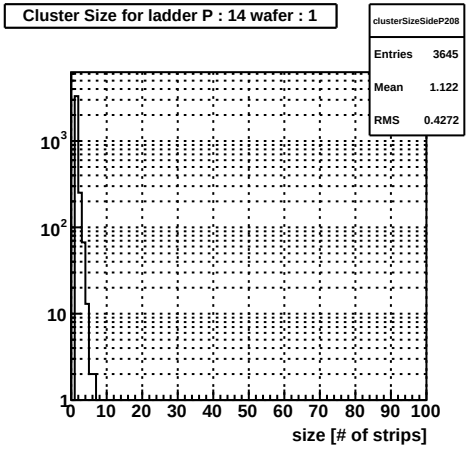

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3563
Mean 1.24
RMS 0.6249
size [# of strips]

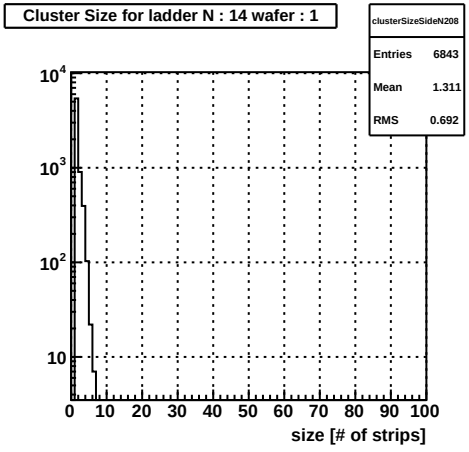

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1390
Mean 1.251
RMS 0.6332
size [# of strips]

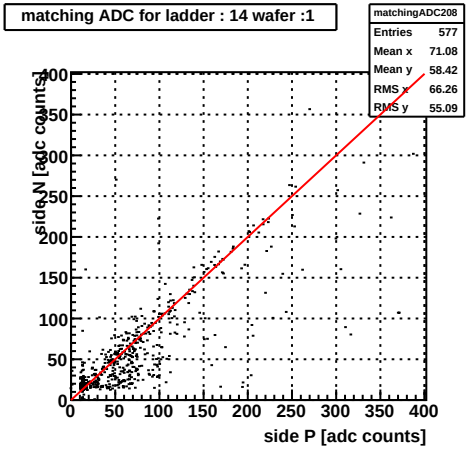

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 373
Mean x 91.96
Mean y 93.07
RMS x 65.52
RMS y 64.55
side N [adc counts]
side P [adc counts]

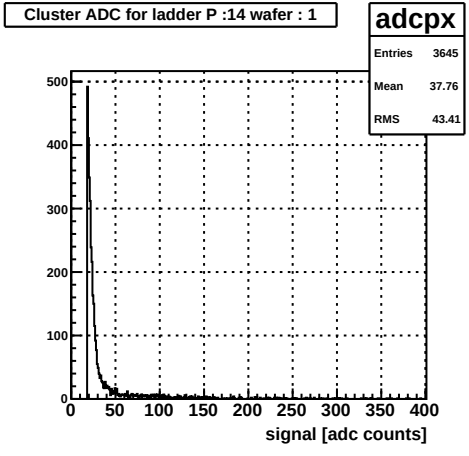

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3563
Mean 37.49
RMS 34.57
signal [adc counts]

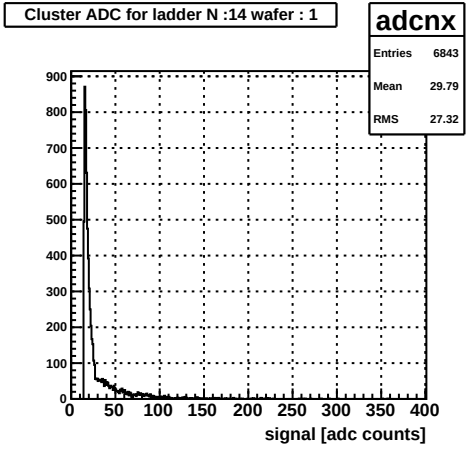

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1390
Mean 46.1
RMS 52.83
signal [adc counts]

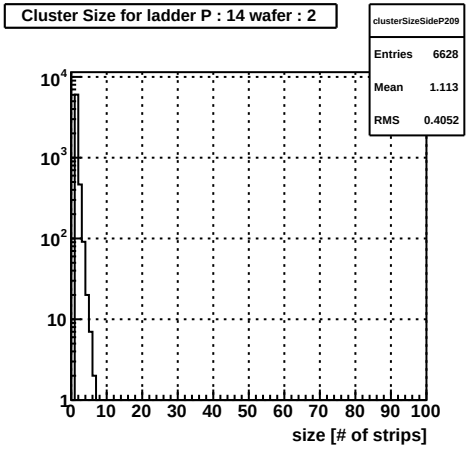

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3645
Mean 1.122
RMS 0.4272
size [# of strips]

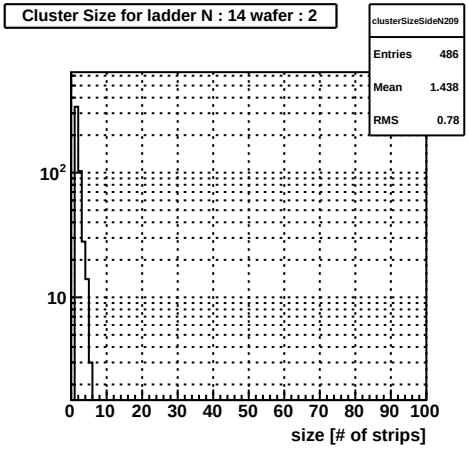

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6843
Mean 1.311
RMS 0.692
size [# of strips]

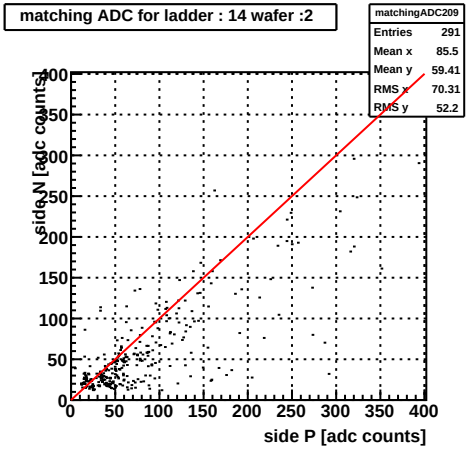

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 577
Mean x 71.08
Mean y 58.42
RMS x 66.26
RMS y 55.09
side N [adc counts]
side P [adc counts]

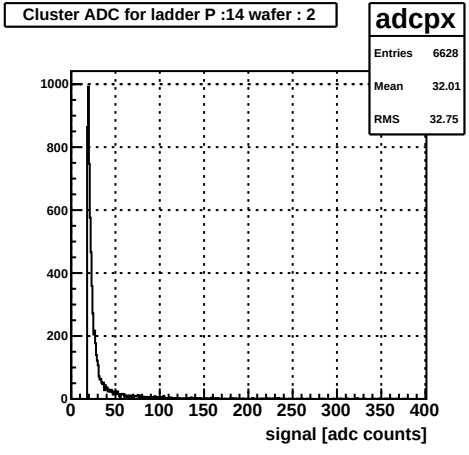

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3645
Mean 37.76
RMS 43.41
signal [adc counts]

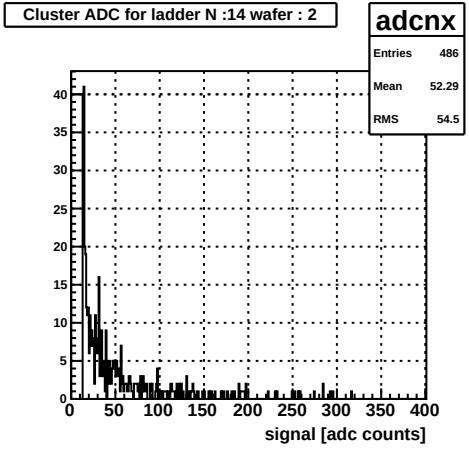

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6843
Mean 29.79
RMS 27.32
signal [adc counts]

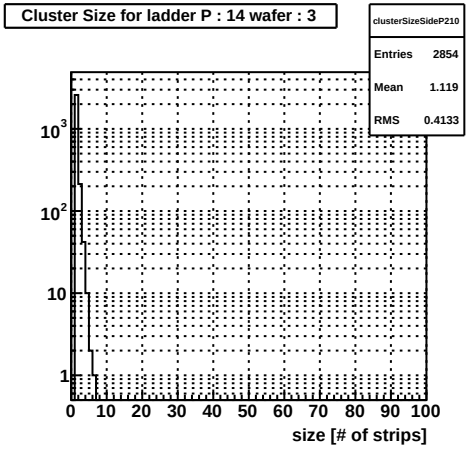

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 6628
Mean 1.113
RMS 0.4052
size [# of strips]

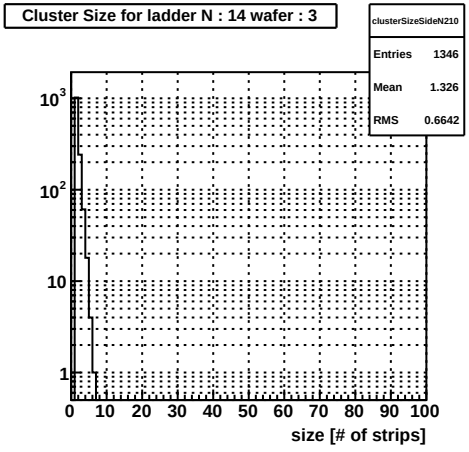

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 486
Mean 1.438
RMS 0.78
size [# of strips]

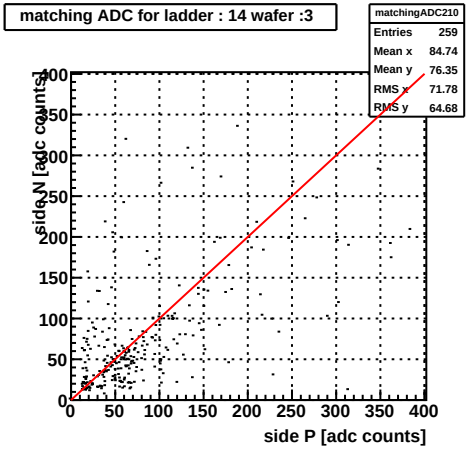

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 291
Mean x 85.5
Mean y 59.41
RMS x 70.31
RMS y 52.2
side N [adc counts]
side P [adc counts]

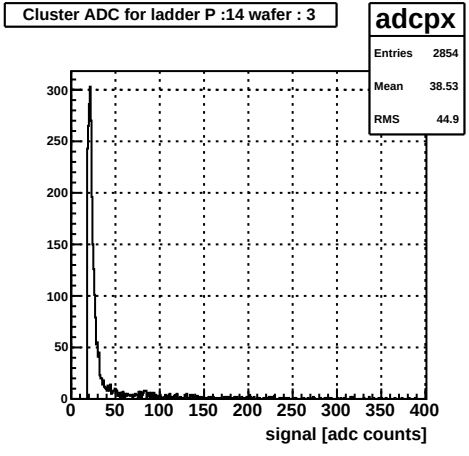

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 6628
Mean 32.01
RMS 32.75
signal [adc counts]

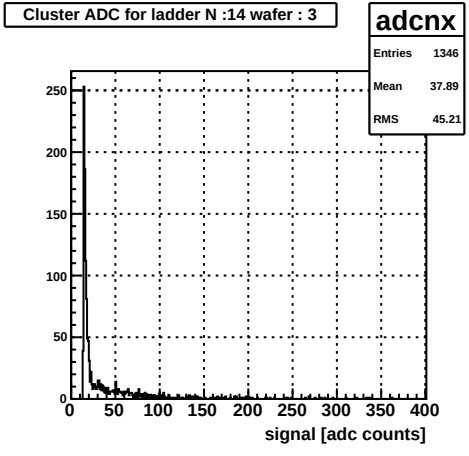

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 486
Mean 52.29
RMS 54.5
signal [adc counts]

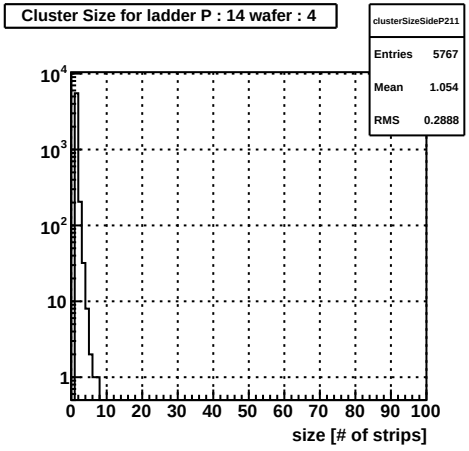

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2854
Mean 1.119
RMS 0.4133
size [# of strips]

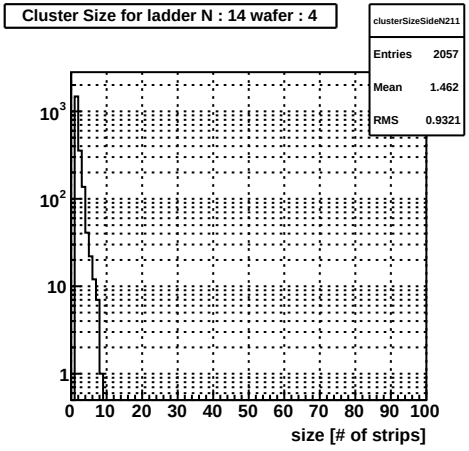

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1346
Mean 1.326
RMS 0.6642
size [# of strips]

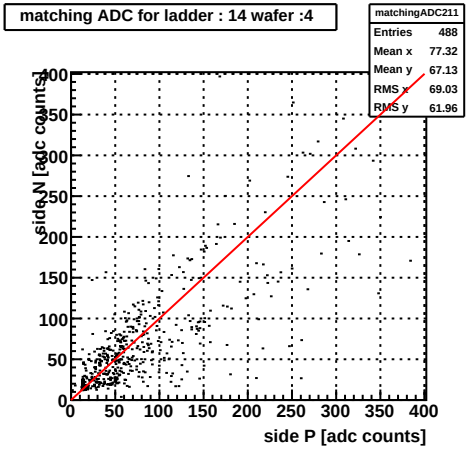

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 259
Mean x 84.74
Mean y 76.35
RMS x 71.78
RMS y 64.68
side N [adc counts]
side P [adc counts]

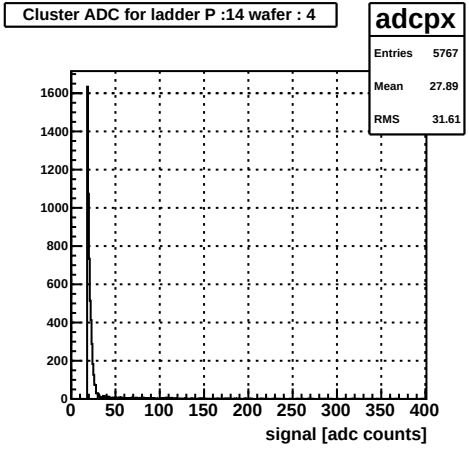

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2854
Mean 38.53
RMS 44.9
signal [adc counts]

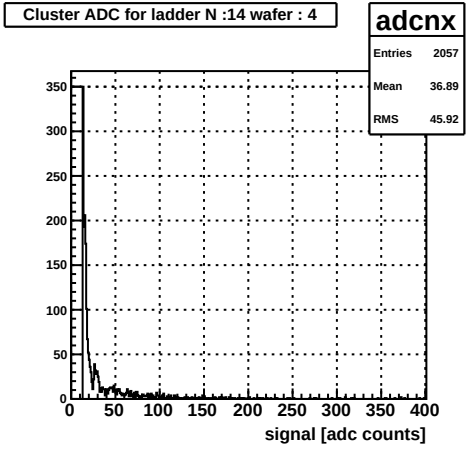

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1346
Mean 37.89
RMS 45.21
signal [adc counts]

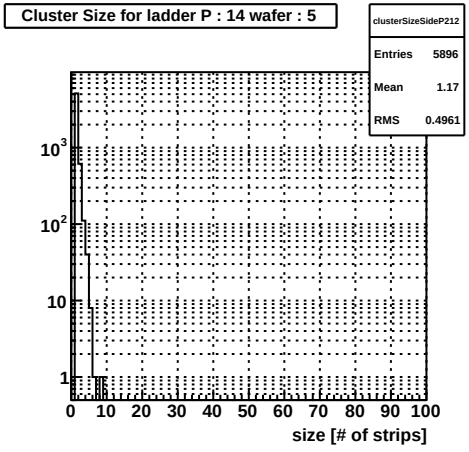

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5767
Mean 1.054
RMS 0.2888
size [# of strips]

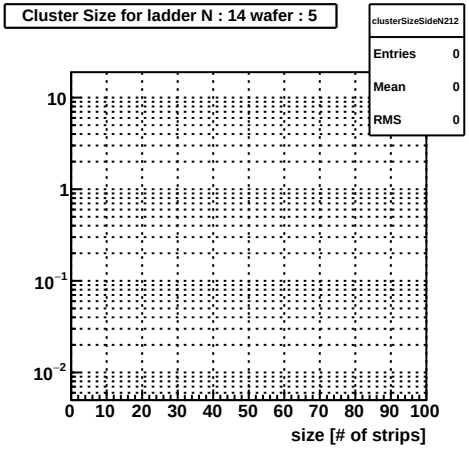

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2057
Mean 1.462
RMS 0.9321
size [# of strips]

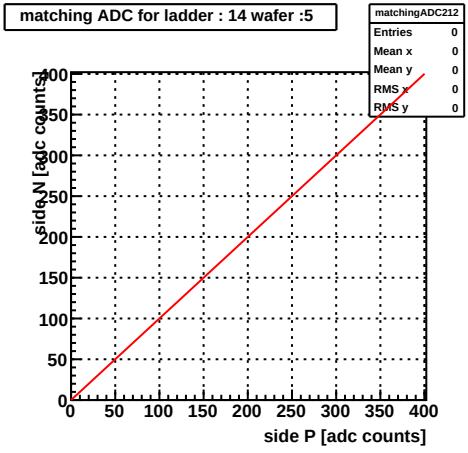

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 488
Mean x 77.32
Mean y 67.13
RMS x 69.03
RMS y 61.96
side N [adc counts]
side P [adc counts]

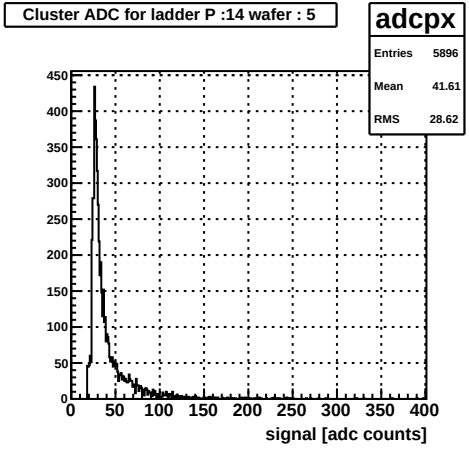

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5767
Mean 27.89
RMS 31.61
signal [adc counts]

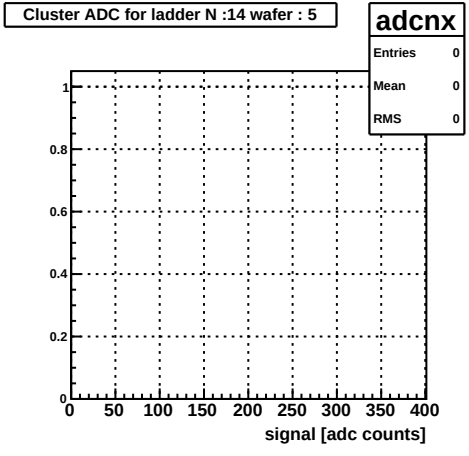

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2057
Mean 36.89
RMS 45.92
signal [adc counts]

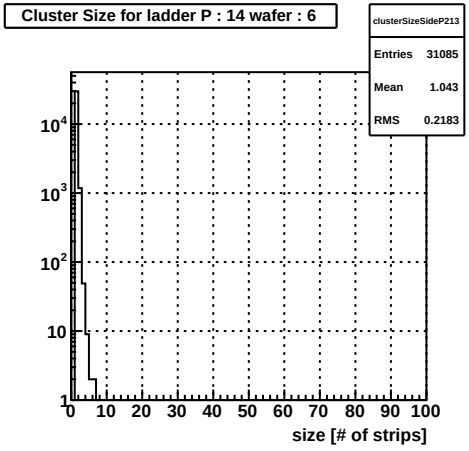

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 5896
Mean 1.17
RMS 0.4961
size [# of strips]

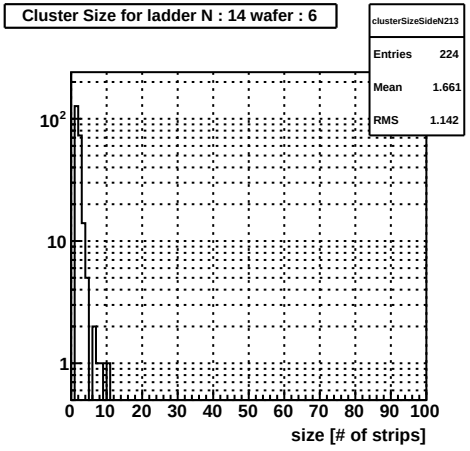

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

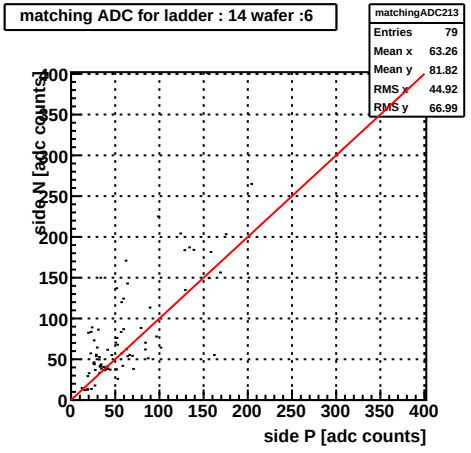

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

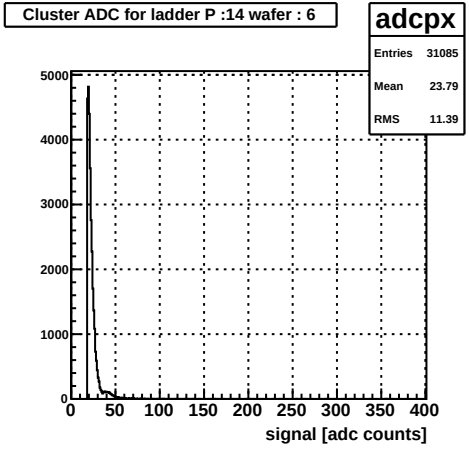

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 5896
Mean 41.61
RMS 28.62
signal [adc counts]

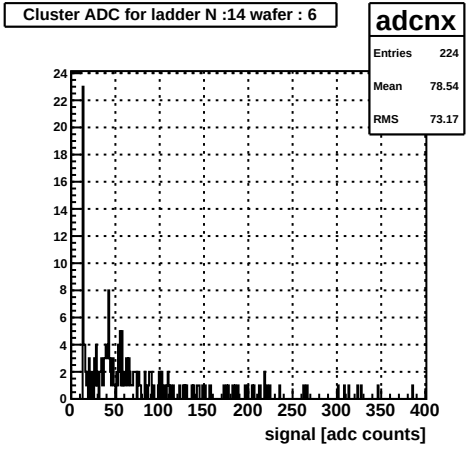

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

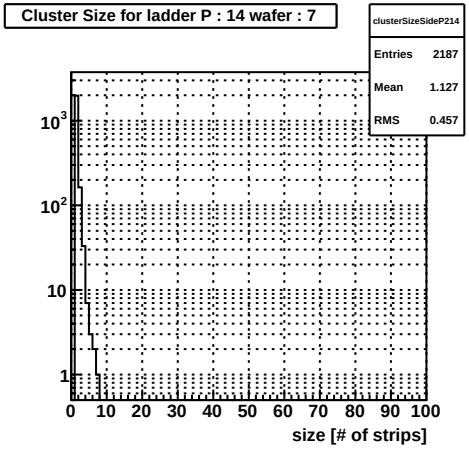

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 31085
Mean 1.043
RMS 0.2183
size [# of strips]

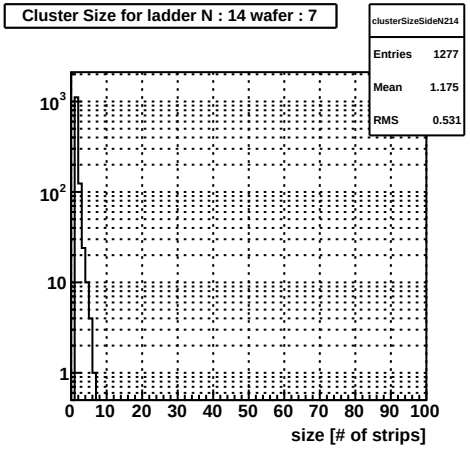

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 224
Mean 1.661
RMS 1.142
size [# of strips]

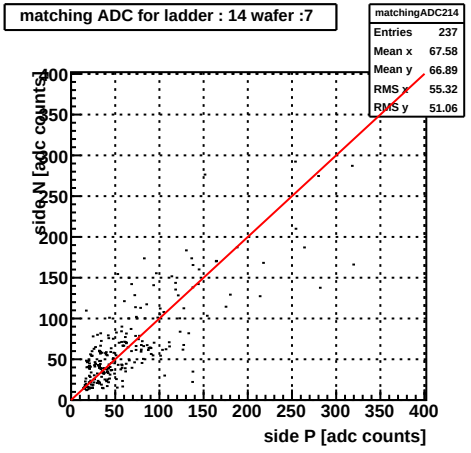

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 79
Mean x 63.26
Mean y 81.82
RMS x 44.92
RMS y 66.99
side N [adc counts]
side P [adc counts]

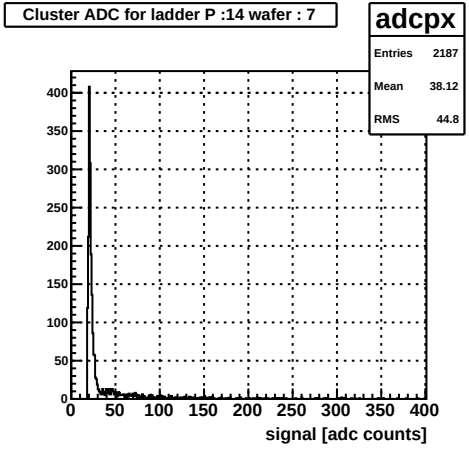

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 31085
Mean 23.79
RMS 11.39
signal [adc counts]

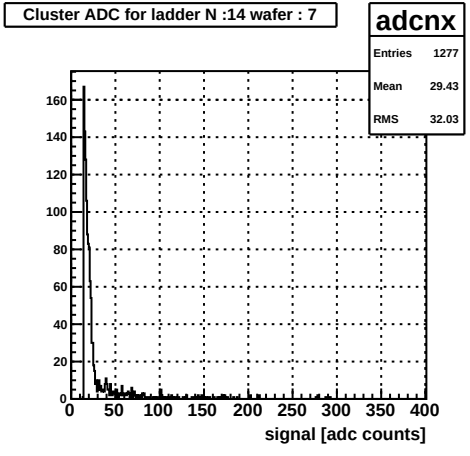

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 224
Mean 78.54
RMS 73.17
signal [adc counts]

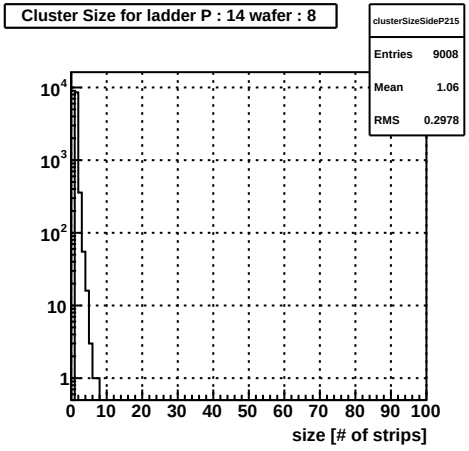

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2187
Mean 1.127
RMS 0.457
size [# of strips]

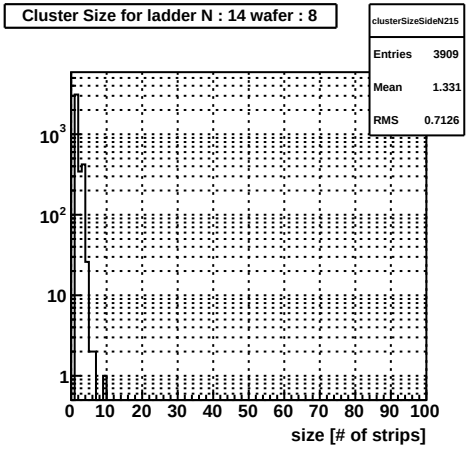

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1277
Mean 1.175
RMS 0.531
size [# of strips]

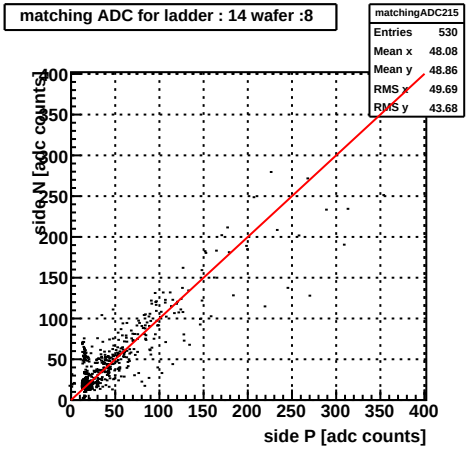

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 237
Mean x 67.58
Mean y 66.89
RMS x 55.32
RMS y 51.06
side N [adc counts]
side P [adc counts]

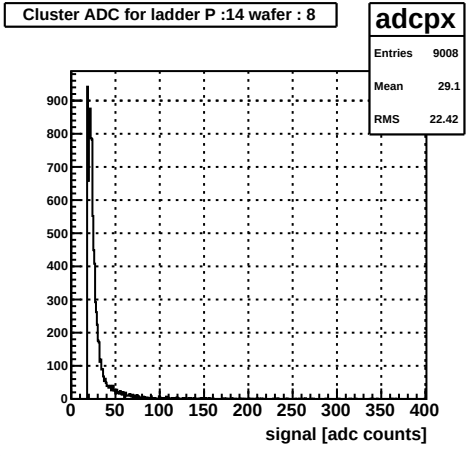

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2187
Mean 38.12
RMS 44.8
signal [adc counts]

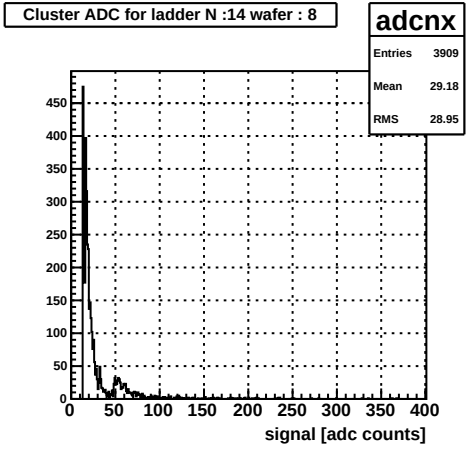

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1277
Mean 29.43
RMS 32.03
signal [adc counts]

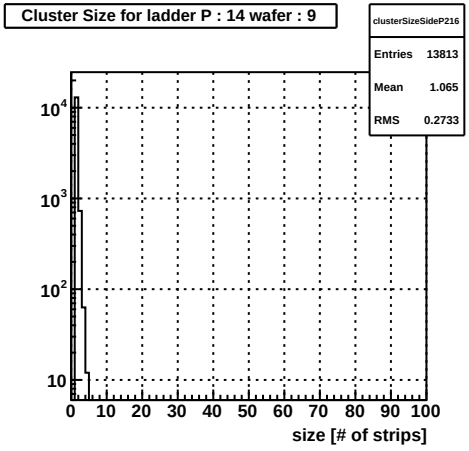

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 9008
Mean 1.06
RMS 0.2978
size [# of strips]

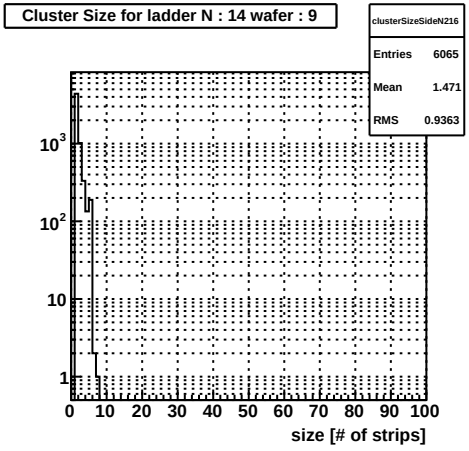

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 3909
Mean 1.331
RMS 0.7126
size [# of strips]

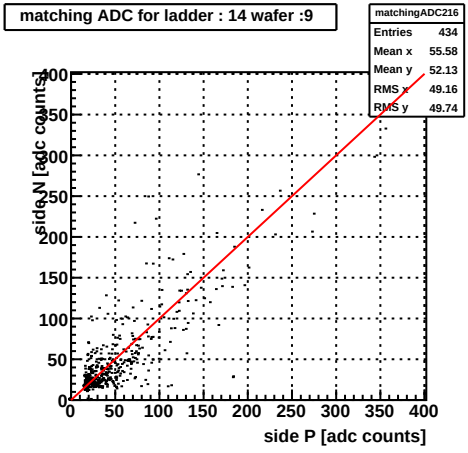

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 530
Mean x 48.08
Mean y 48.86
RMS x 49.69
RMS y 43.68
side N [adc counts]
side P [adc counts]

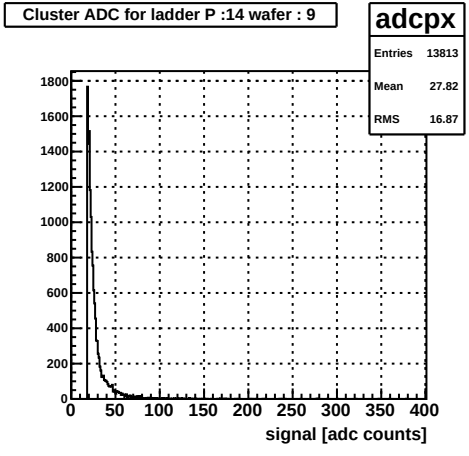

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 9008
Mean 29.1
RMS 22.42
signal [adc counts]

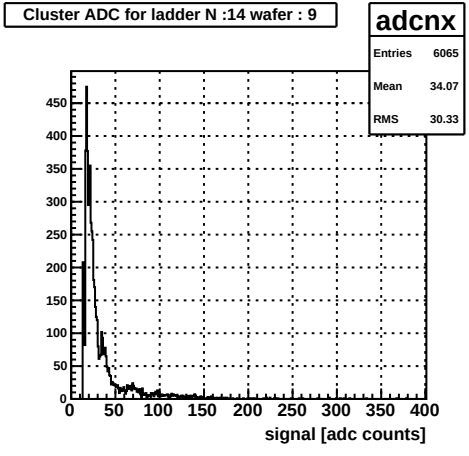

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 3909
Mean 29.18
RMS 28.95
signal [adc counts]

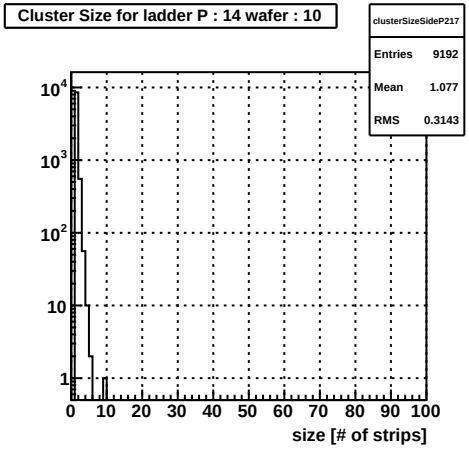

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13813
Mean 1.065
RMS 0.2733
size [# of strips]

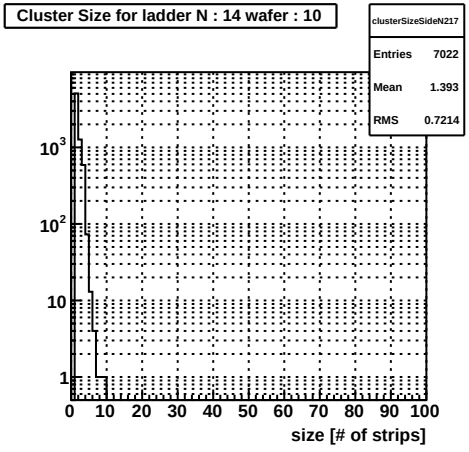

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6065
Mean 1.471
RMS 0.9363
size [# of strips]

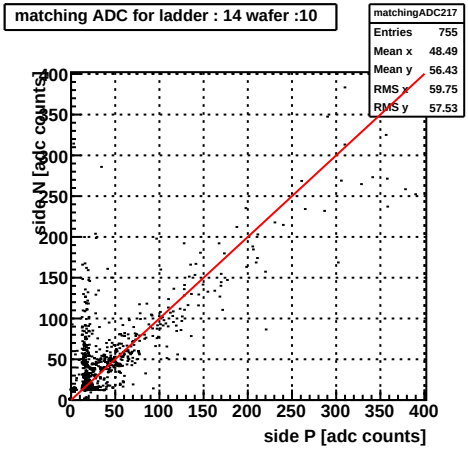

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 434
Mean x 55.58
Mean y 52.13
RMS x 49.16
RMS y 49.74
side N [adc counts]
side P [adc counts]

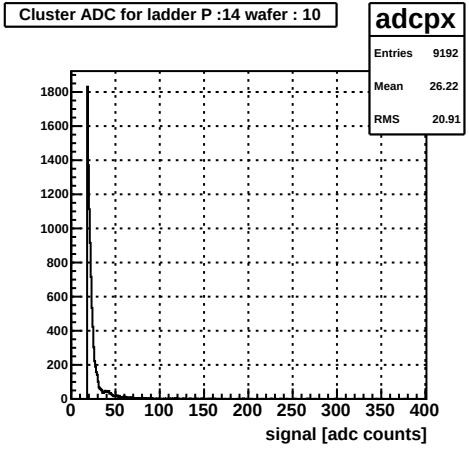

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13813
Mean 27.82
RMS 16.87
signal [adc counts]

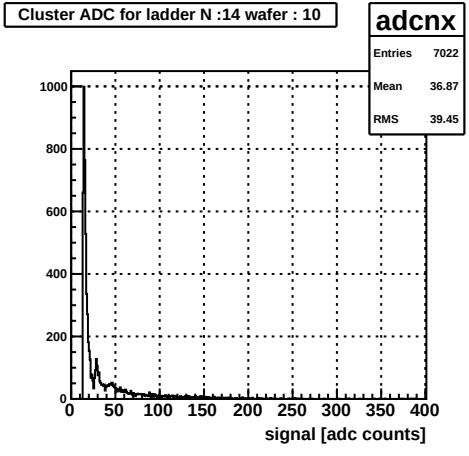

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6065
Mean 34.07
RMS 30.33
signal [adc counts]

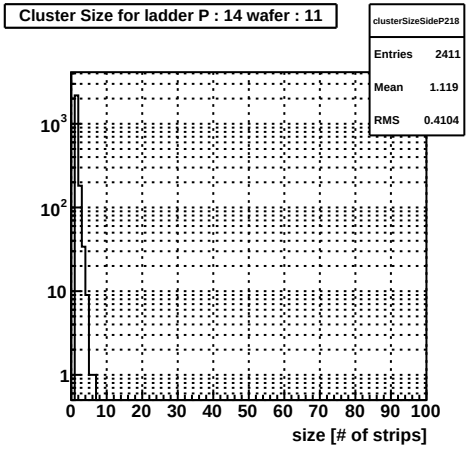

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 9192
Mean 1.077
RMS 0.3143
size [# of strips]

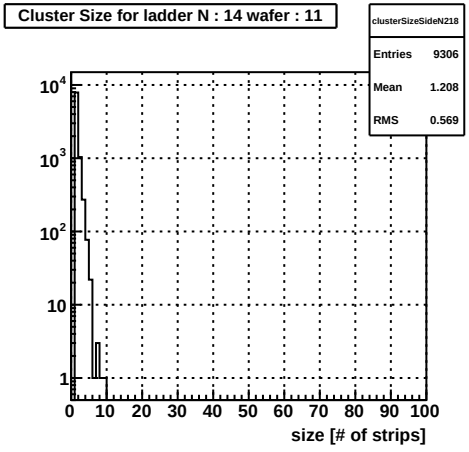

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7022
Mean 1.393
RMS 0.7214
size [# of strips]

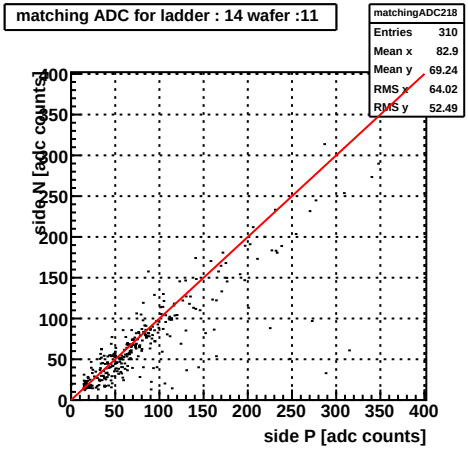

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 755
Mean x 48.49
Mean y 56.43
RMS x 59.75
RMS y 57.53
side N [adc counts]
side P [adc counts]

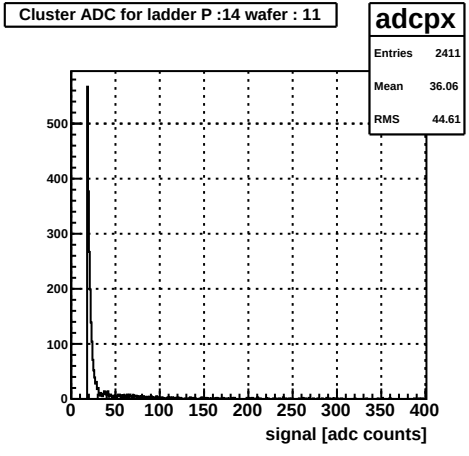

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 9192
Mean 26.22
RMS 20.91
signal [adc counts]

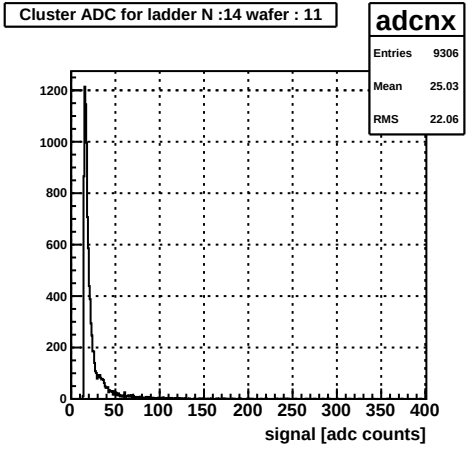

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7022
Mean 36.87
RMS 39.45
signal [adc counts]

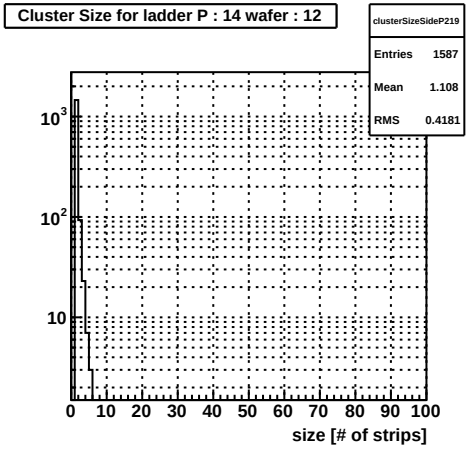

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2411
Mean 1.119
RMS 0.4104
size [# of strips]

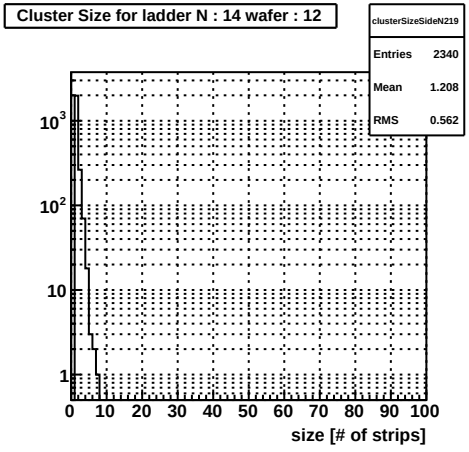

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9306
Mean 1.208
RMS 0.569
size [# of strips]

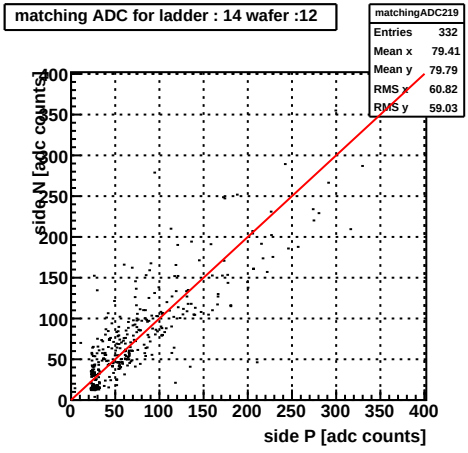

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 310
Mean x 82.9
Mean y 69.24
RMS x 64.02
RMS y 52.49
side N [adc counts]
side P [adc counts]

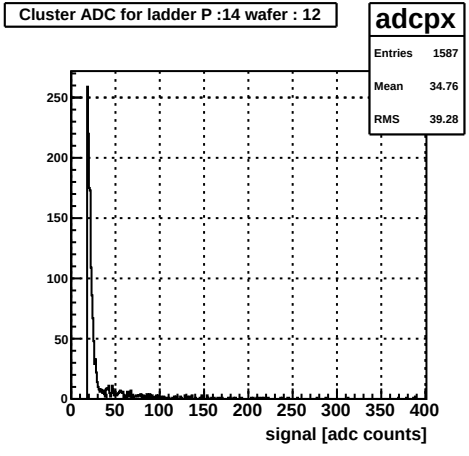

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2411
Mean 36.06
RMS 44.61
signal [adc counts]

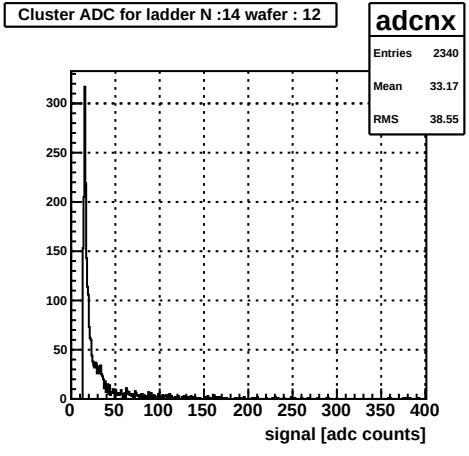

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9306
Mean 25.03
RMS 22.06
signal [adc counts]

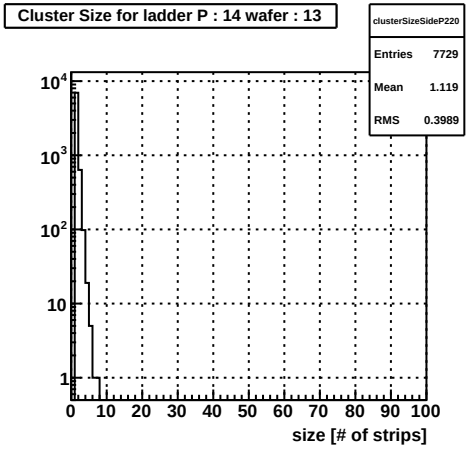

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1587
Mean 1.108
RMS 0.4181
size [# of strips]

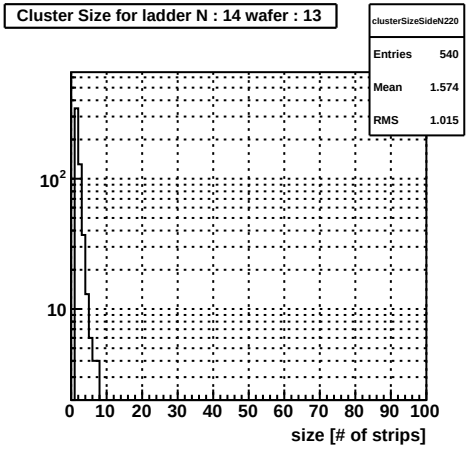

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2340
Mean 1.208
RMS 0.562
size [# of strips]

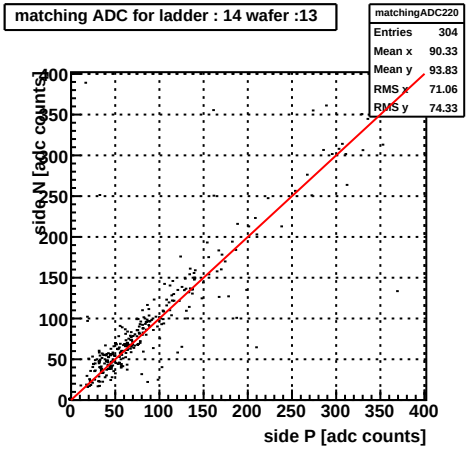

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 332
Mean x 79.41
Mean y 79.79
RMS x 60.82
RMS y 59.03
side N [adc counts]
side P [adc counts]

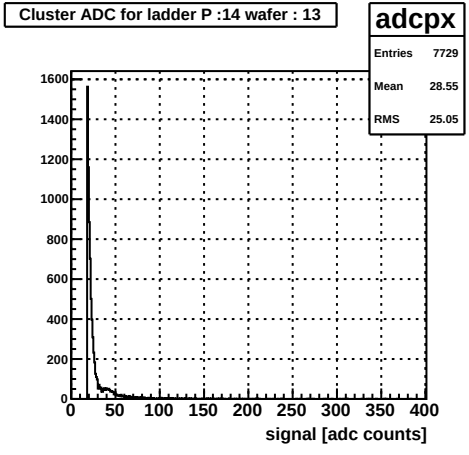

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1587
Mean 34.76
RMS 39.28
signal [adc counts]

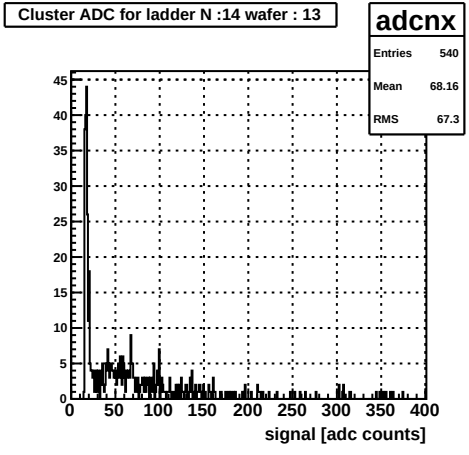

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2340
Mean 33.17
RMS 38.55
signal [adc counts]

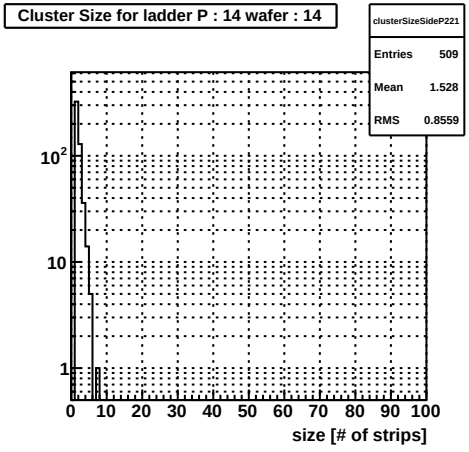

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 7729
Mean 1.119
RMS 0.3989
size [# of strips]

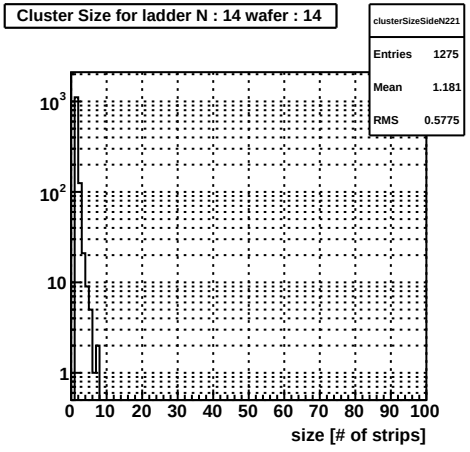

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 540
Mean 1.574
RMS 1.015
size [# of strips]

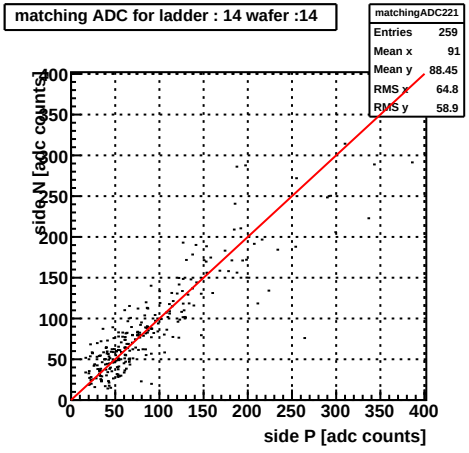

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 304
Mean x 90.33
Mean y 93.83
RMS x 71.06
RMS y 74.33
side N [adc counts]
side P [adc counts]

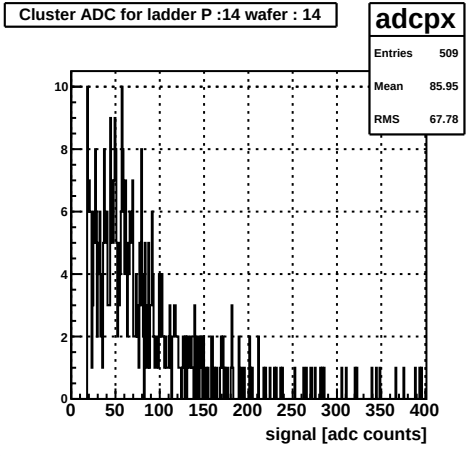

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 7729
Mean 28.55
RMS 25.05
signal [adc counts]

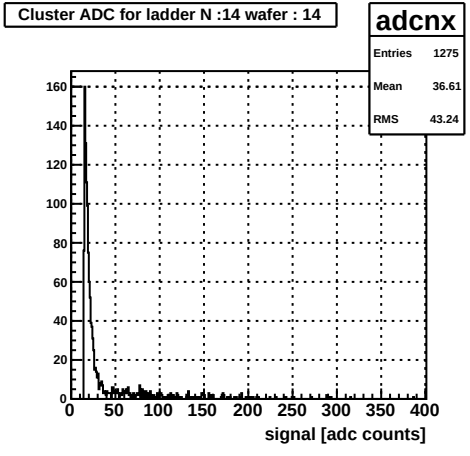

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 540
Mean 68.16
RMS 67.3
signal [adc counts]

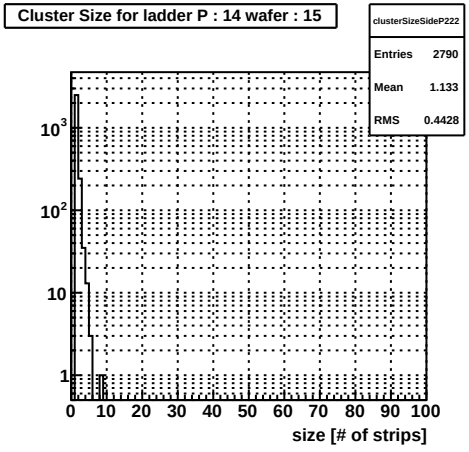

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 509
Mean 1.528
RMS 0.8559
size [# of strips]

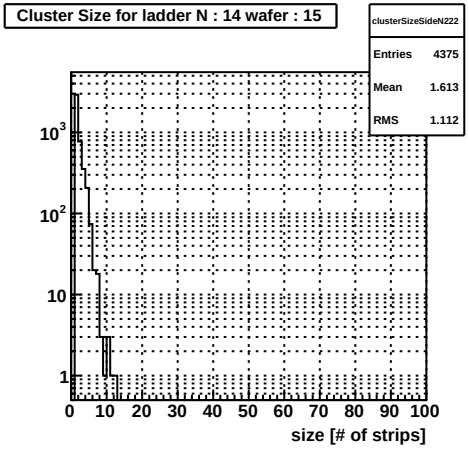

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1275
Mean 1.181
RMS 0.5775
size [# of strips]

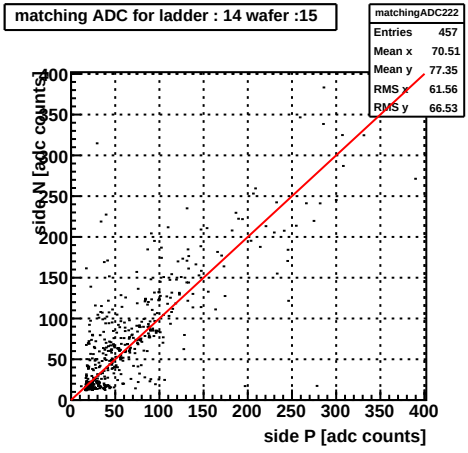

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 259
Mean x 91
Mean y 88.45
RMS x 64.8
RMS y 58.9
side N [adc counts]
side P [adc counts]

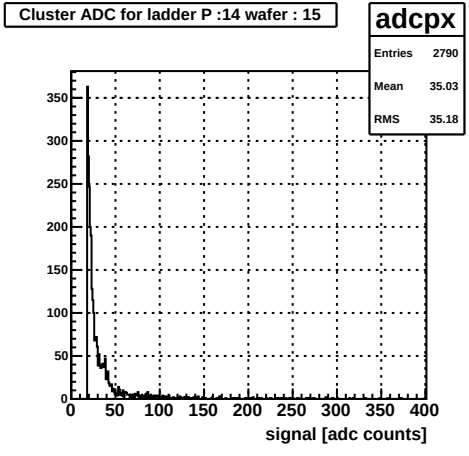

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 509
Mean 85.95
RMS 67.78
signal [adc counts]

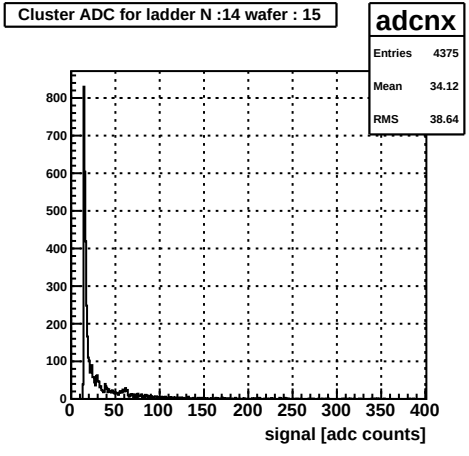

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1275
Mean 36.61
RMS 43.24
signal [adc counts]

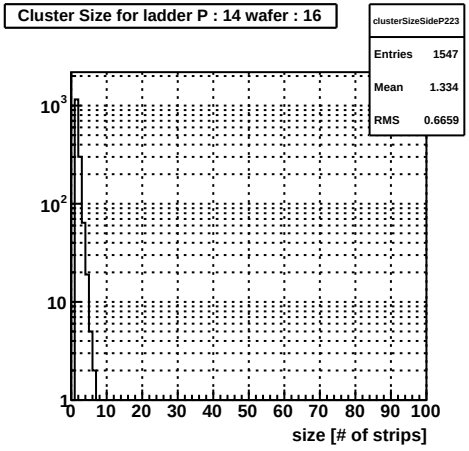

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2790
Mean 1.133
RMS 0.4428
size [# of strips]

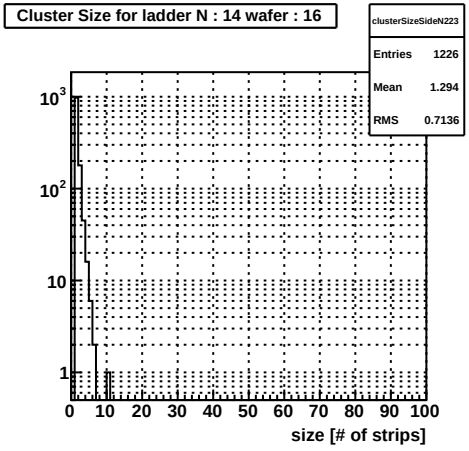

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4375
Mean 1.613
RMS 1.112
size [# of strips]

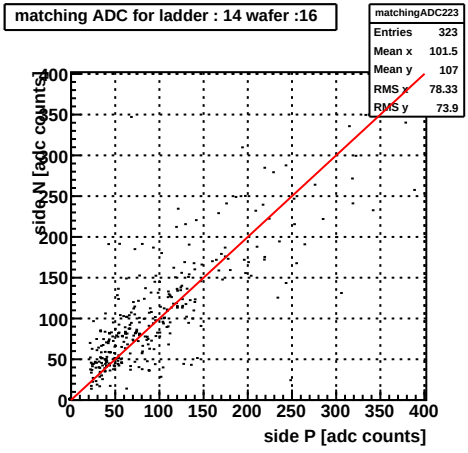

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 457
Mean x 70.51
Mean y 77.35
RMS x 61.56
RMS y 66.53
side N [adc counts]
side P [adc counts]

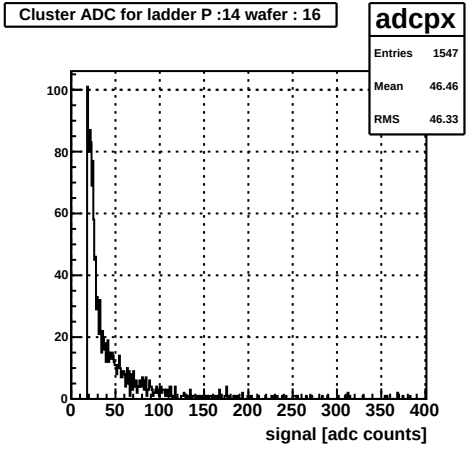

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2790
Mean 35.03
RMS 35.18
signal [adc counts]

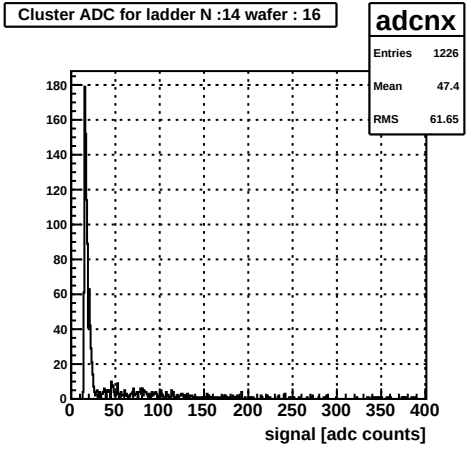

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4375
Mean 34.12
RMS 38.64
signal [adc counts]

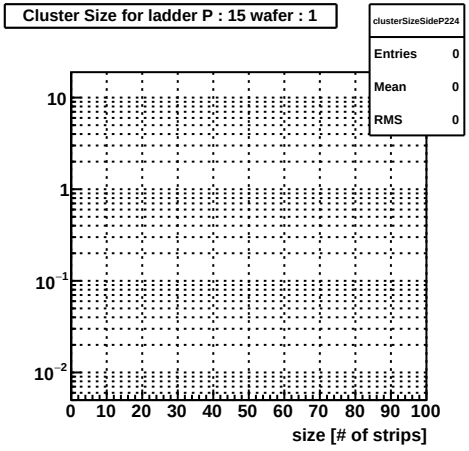

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1547
Mean 1.334
RMS 0.6659
size [# of strips]

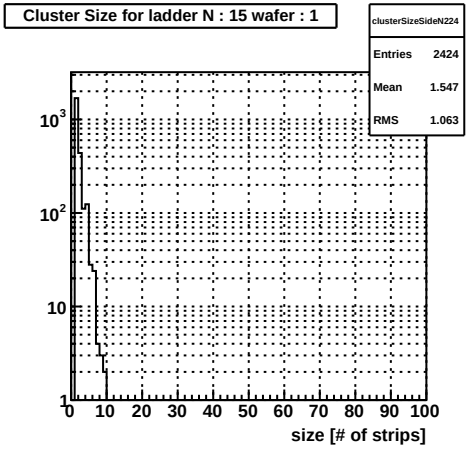

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1226
Mean 1.294
RMS 0.7136
size [# of strips]

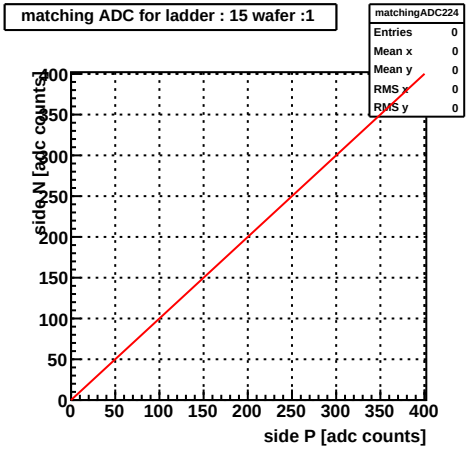

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 323
Mean x 101.5
Mean y 107
RMS x 78.33
RMS y 73.9
side N [adc counts]
side P [adc counts]

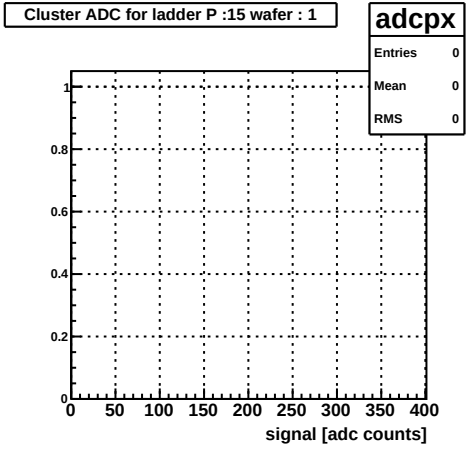

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1547
Mean 46.46
RMS 46.33
signal [adc counts]

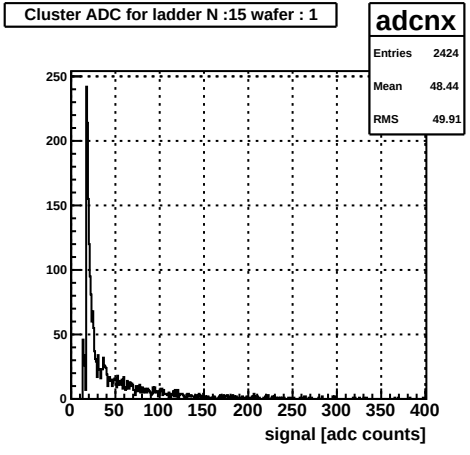

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1226
Mean 47.4
RMS 61.65
signal [adc counts]

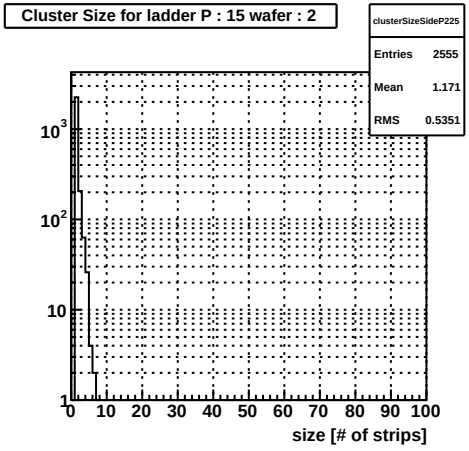

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

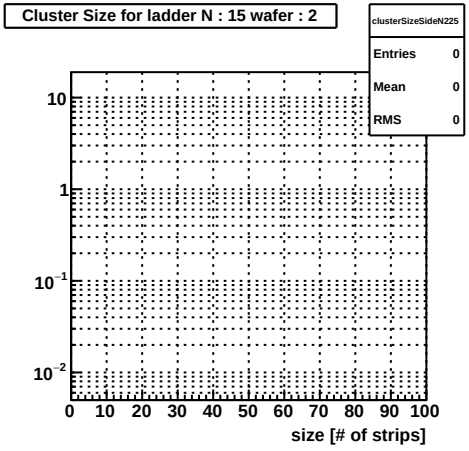

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2424
Mean 1.547
RMS 1.063
size [# of strips]

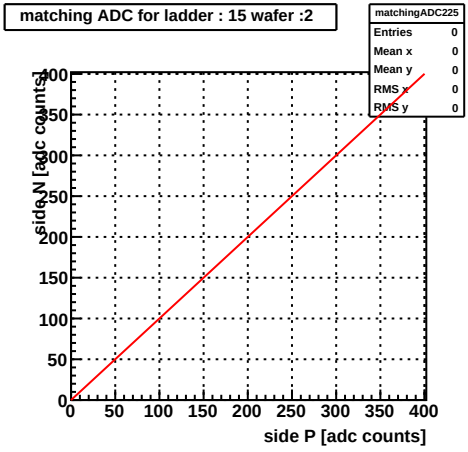

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

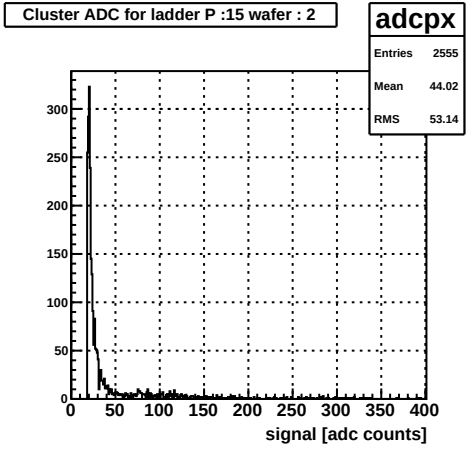

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

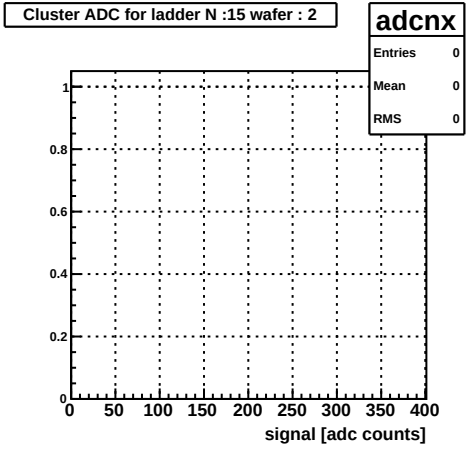

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2424
Mean 48.44
RMS 49.91
signal [adc counts]

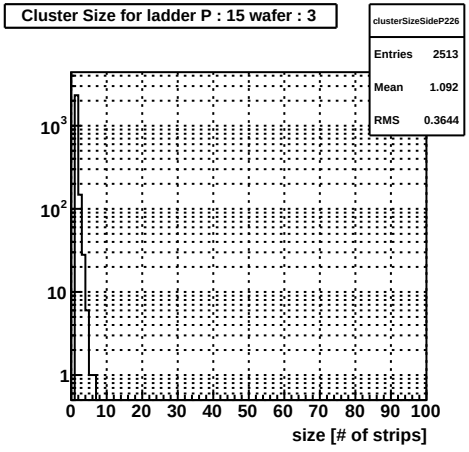

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2555
Mean 1.171
RMS 0.5351
size [# of strips]

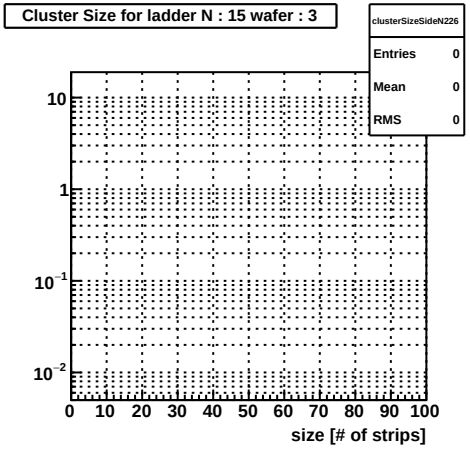

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

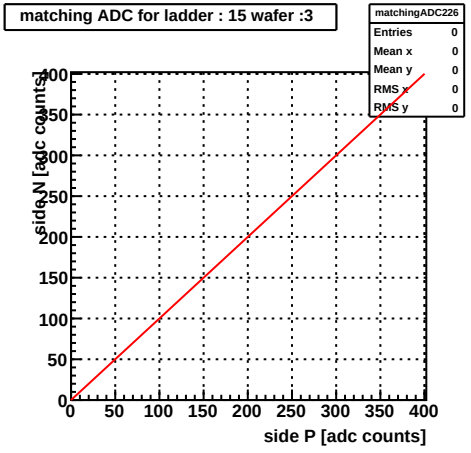

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

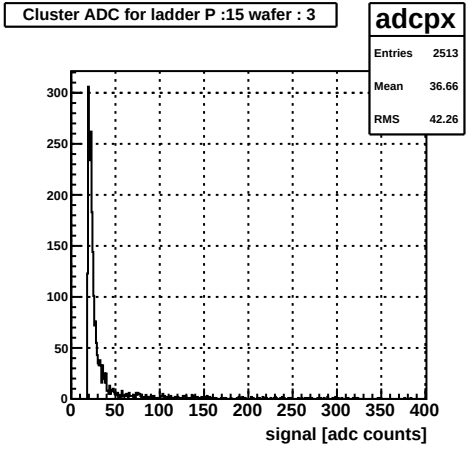

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2555
Mean 44.02
RMS 53.14
signal [adc counts]

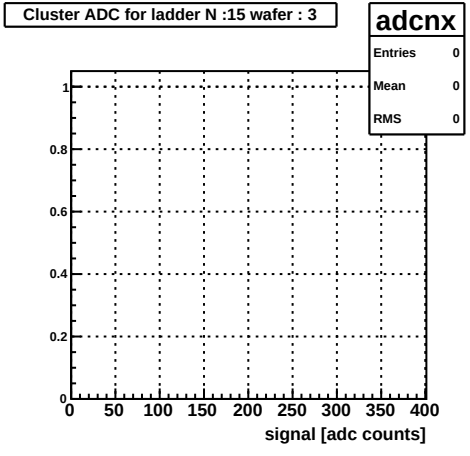

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

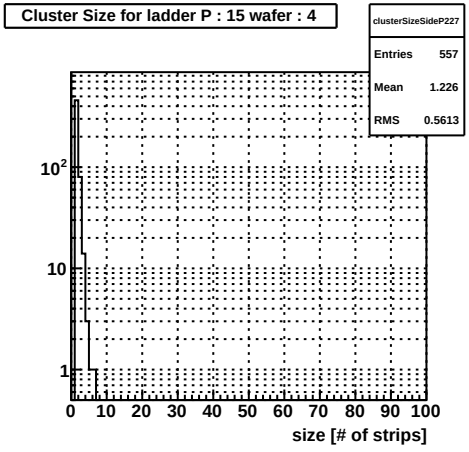

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2513
Mean 1.092
RMS 0.3644
size [# of strips]

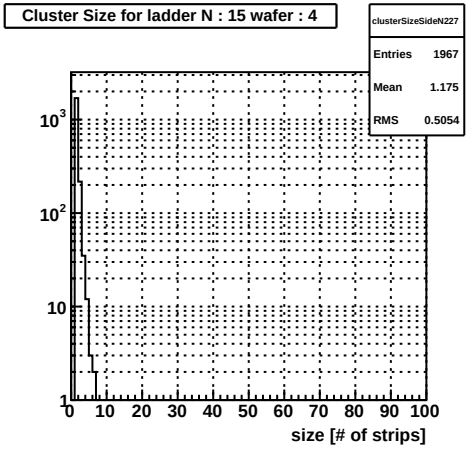

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

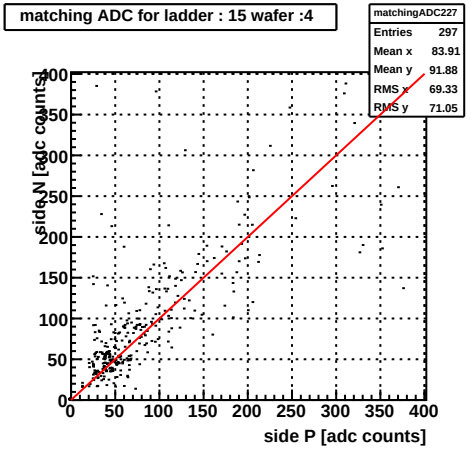

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

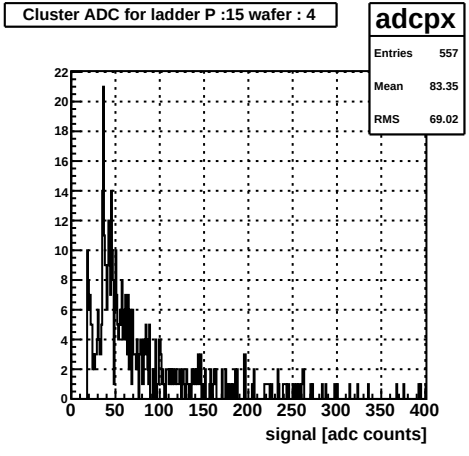

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2513
Mean 36.66
RMS 42.26
signal [adc counts]

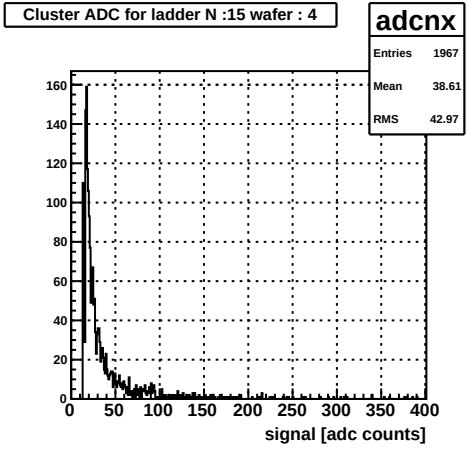

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

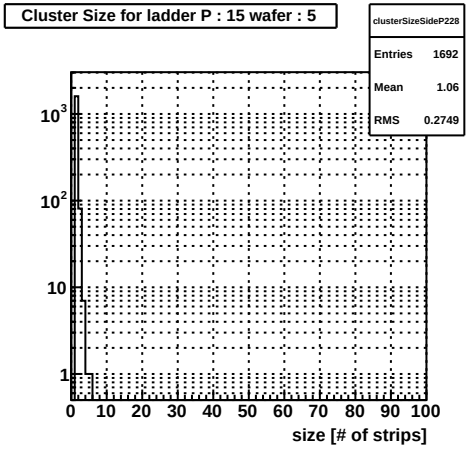

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 557
Mean 1.226
RMS 0.5613
size [# of strips]

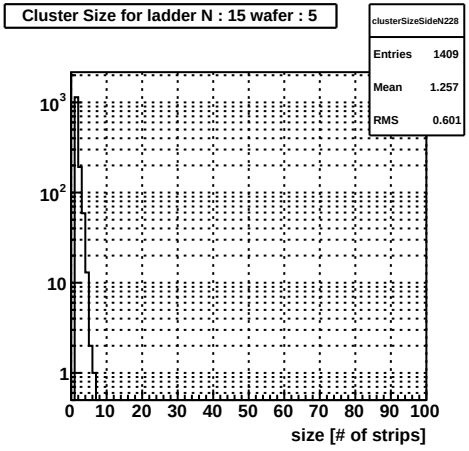

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1967
Mean 1.175
RMS 0.5054
size [# of strips]

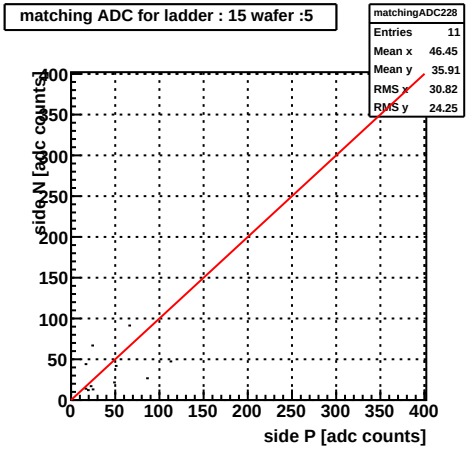

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 297
Mean x 83.91
Mean y 91.88
RMS x 69.33
RMS y 71.05
side N [adc counts]
side P [adc counts]

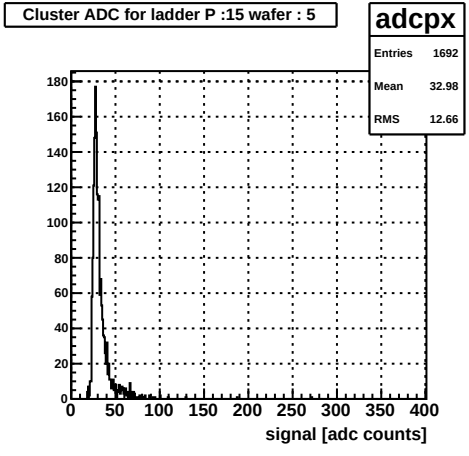

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 557
Mean 83.35
RMS 69.02
signal [adc counts]

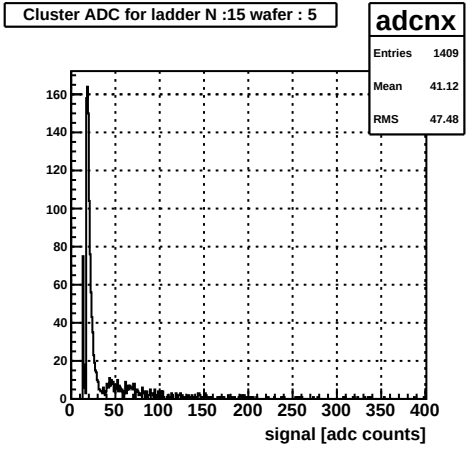

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1967
Mean 38.61
RMS 42.97
signal [adc counts]

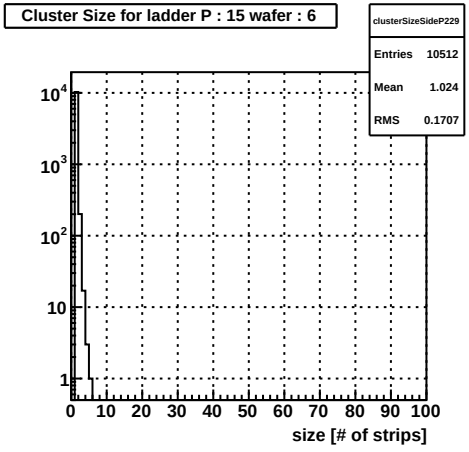

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1692
Mean 1.06
RMS 0.2749
size [# of strips]

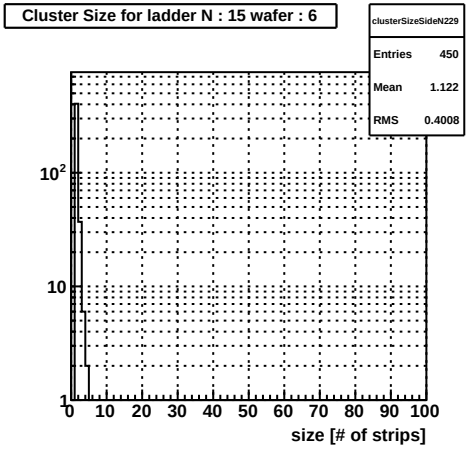

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 1409
Mean 1.257
RMS 0.601
size [# of strips]

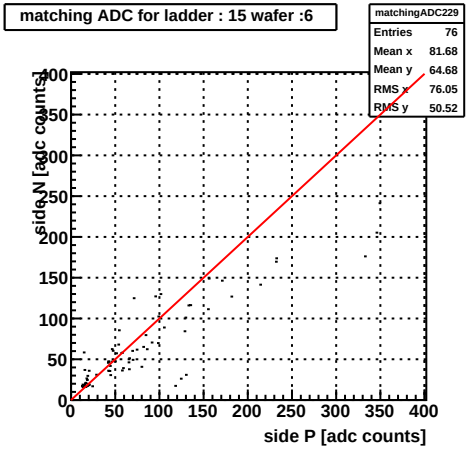

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 11
Mean x 46.45
Mean y 35.91
RMS x 30.82
RMS y 24.25
side N [adc counts]
side P [adc counts]

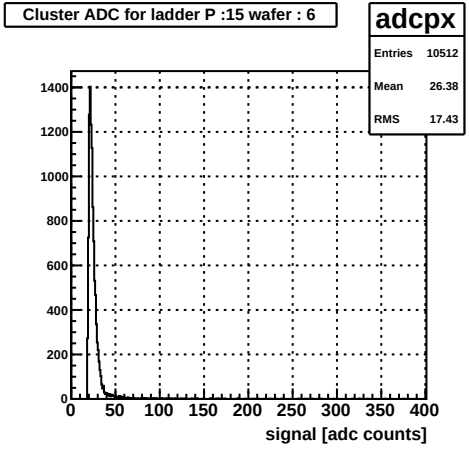

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1692
Mean 32.98
RMS 12.66
signal [adc counts]

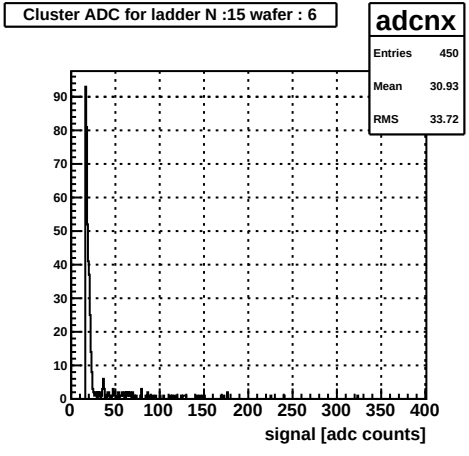

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 1409
Mean 41.12
RMS 47.48
signal [adc counts]

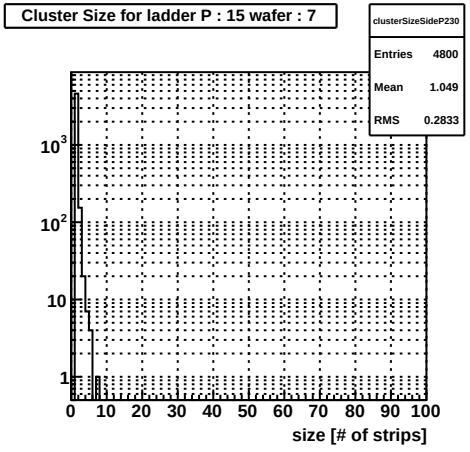

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10512
Mean 1.024
RMS 0.1707
size [# of strips]

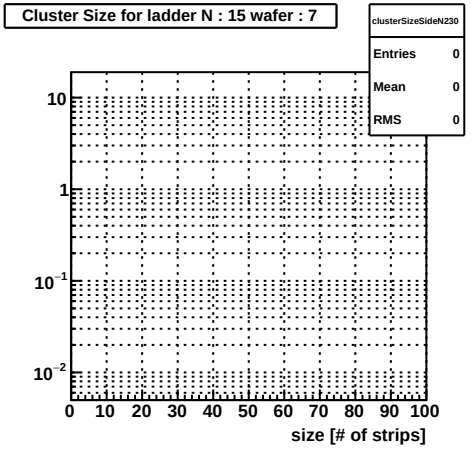

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 450
Mean 1.122
RMS 0.4008
size [# of strips]

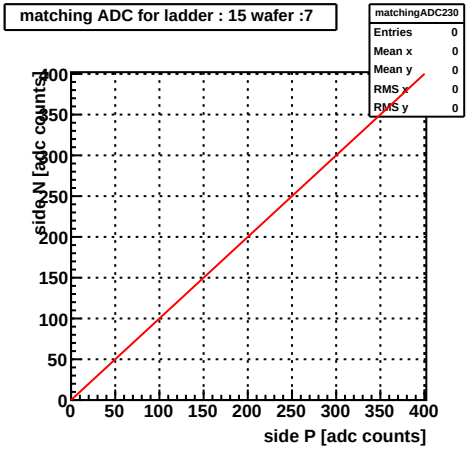

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 76
Mean x 81.68
Mean y 64.68
RMS x 76.05
RMS y 50.52
side N [adc counts]
side P [adc counts]

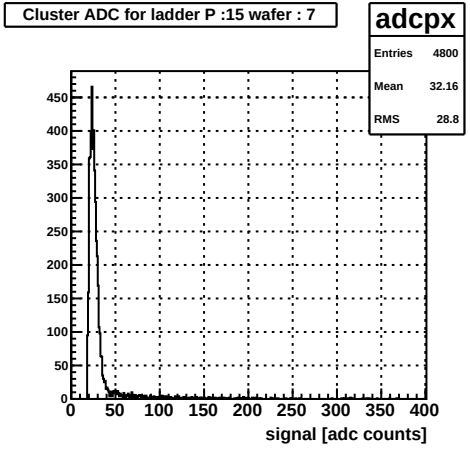

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10512
Mean 26.38
RMS 17.43
signal [adc counts]

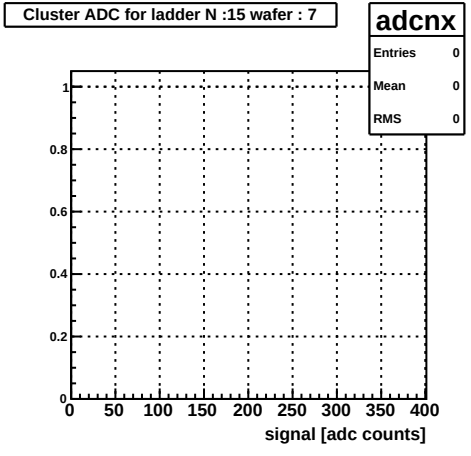

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 450
Mean 30.93
RMS 33.72
signal [adc counts]

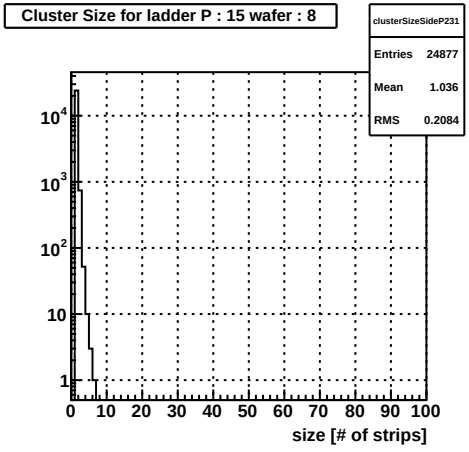

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 4800
Mean 1.049
RMS 0.2833
size [# of strips]

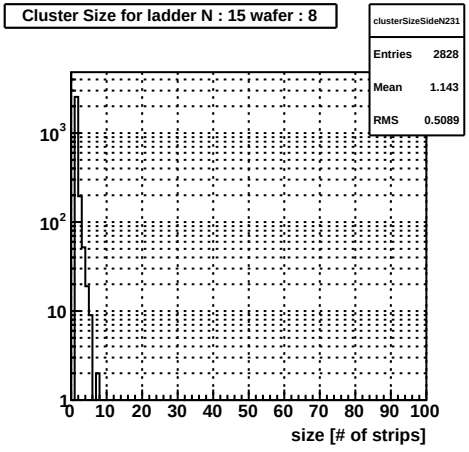

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

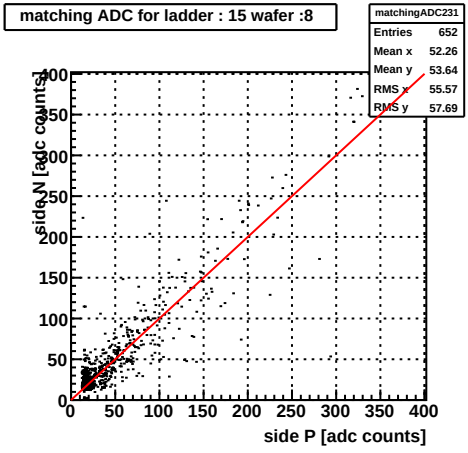

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

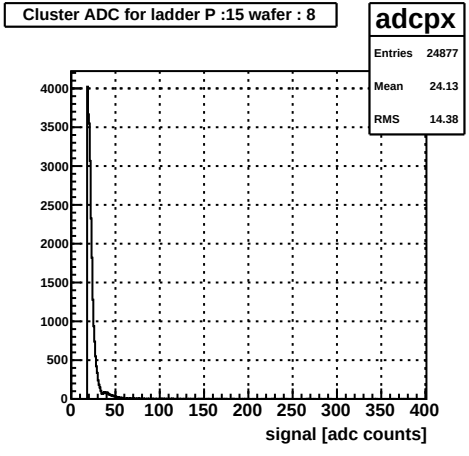

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 4800
Mean 32.16
RMS 28.8
signal [adc counts]

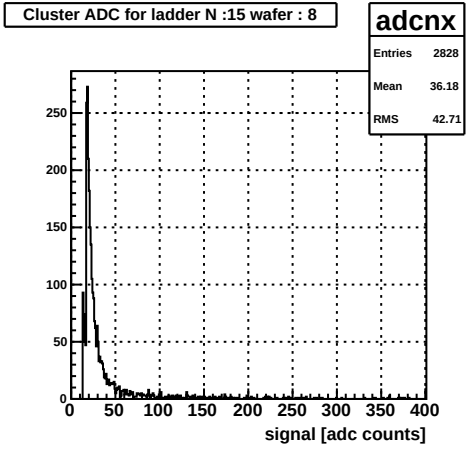

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

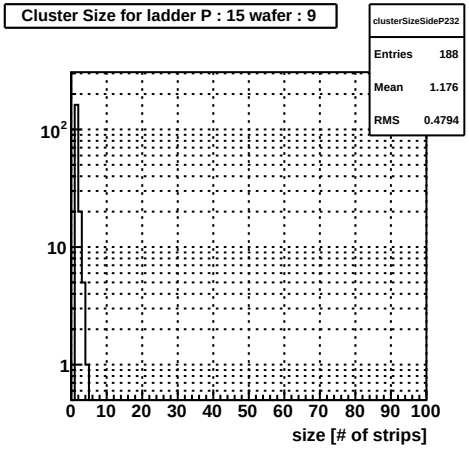

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 24877
Mean 1.036
RMS 0.2084
size [# of strips]

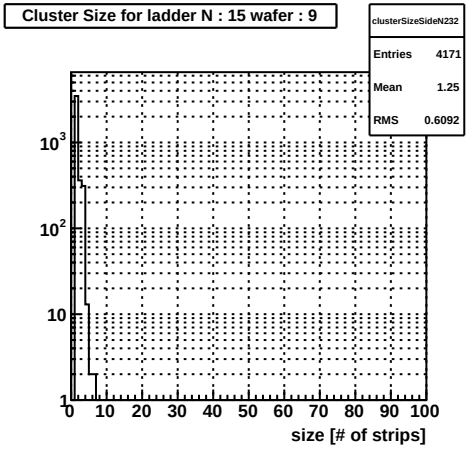

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2828
Mean 1.143
RMS 0.5089
size [# of strips]

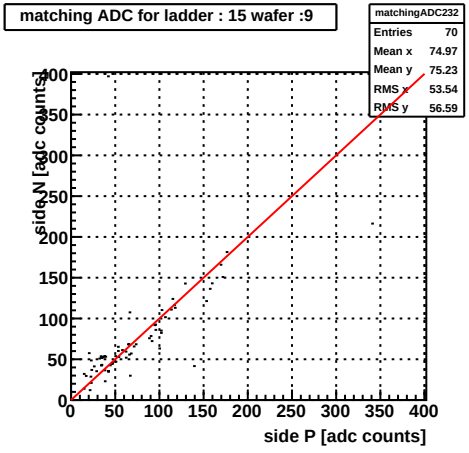

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 652
Mean x 52.26
Mean y 53.64
RMS x 55.57
RMS y 57.69
side N [adc counts]
side P [adc counts]

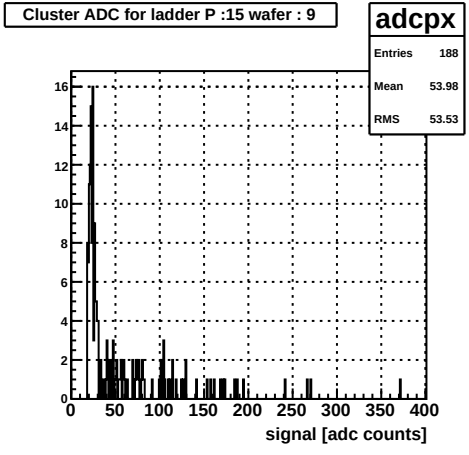

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 24877
Mean 24.13
RMS 14.38
signal [adc counts]

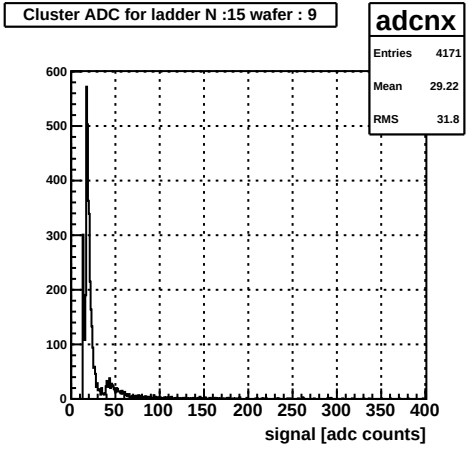

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2828
Mean 36.18
RMS 42.71
signal [adc counts]

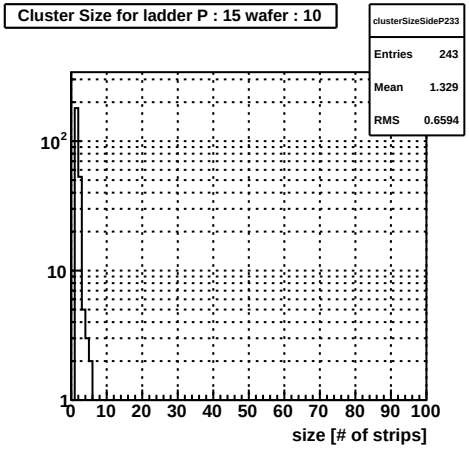

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 188
Mean 1.176
RMS 0.4794
size [# of strips]

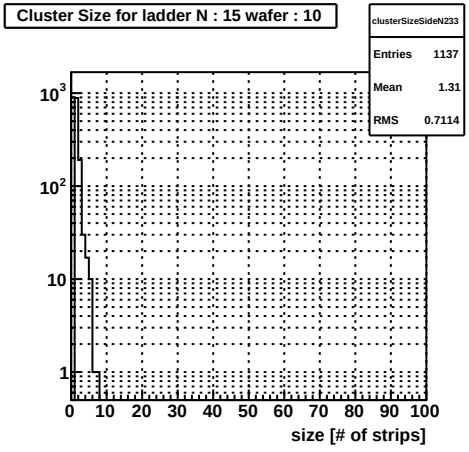

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 4171
Mean 1.25
RMS 0.6092
size [# of strips]

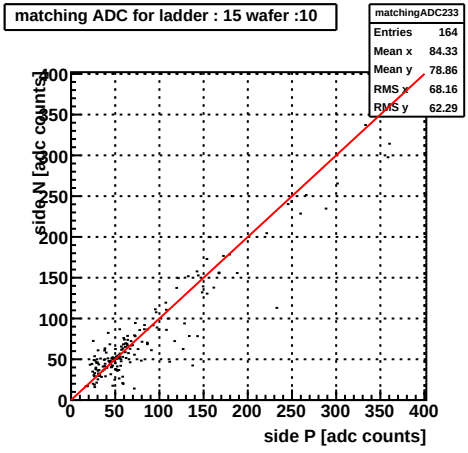

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 70
Mean x 74.97
Mean y 75.23
RMS x 53.54
RMS y 56.59
side N [adc counts]
side P [adc counts]

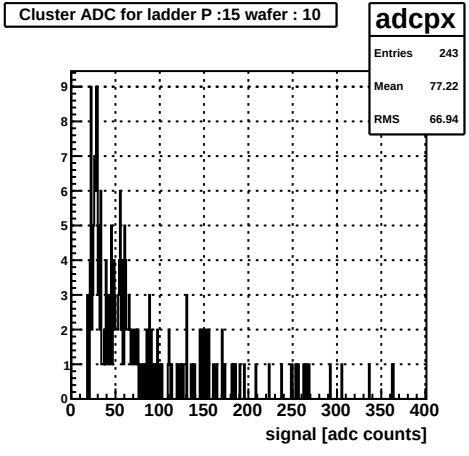

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 188
Mean 53.98
RMS 53.53
signal [adc counts]

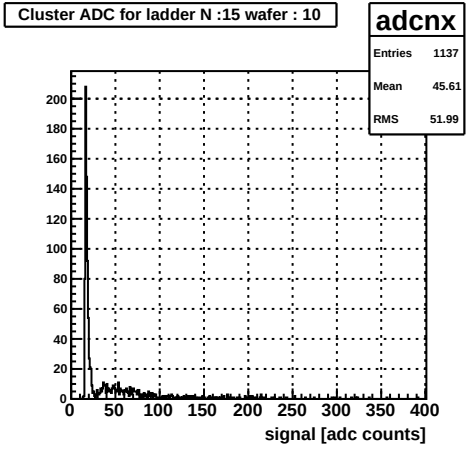

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 4171
Mean 29.22
RMS 31.8
signal [adc counts]

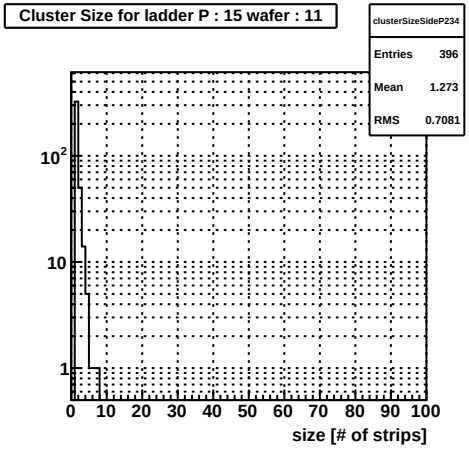

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 243
Mean 1.329
RMS 0.6594
size [# of strips]

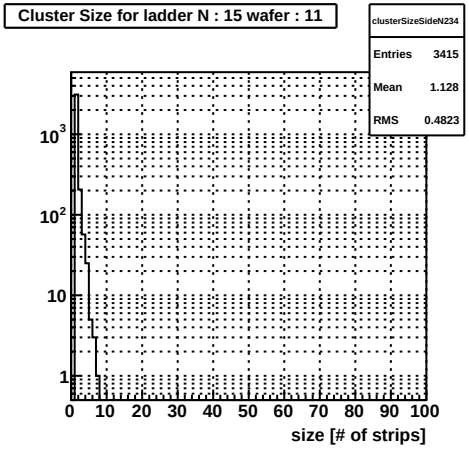

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1137
Mean 1.31
RMS 0.7114
size [# of strips]

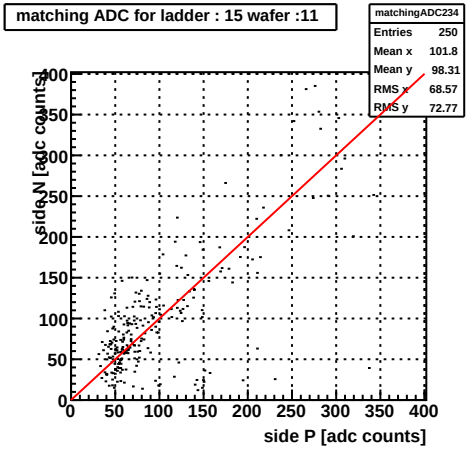

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 164
Mean x 84.33
Mean y 78.86
RMS x 68.16
RMS y 62.29
side N [adc counts]
side P [adc counts]

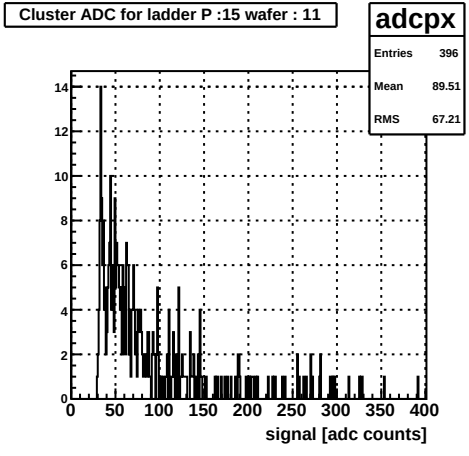

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 243
Mean 77.22
RMS 66.94
signal [adc counts]

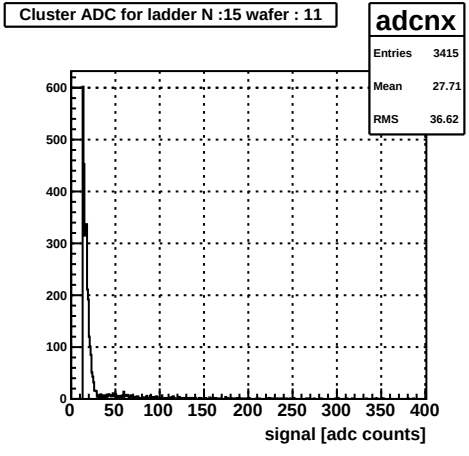

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1137
Mean 45.61
RMS 51.99
signal [adc counts]

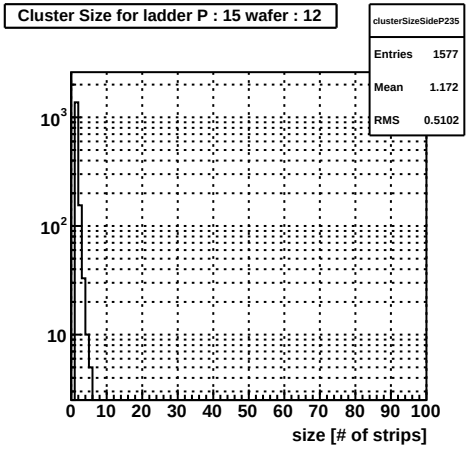

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 396
Mean 1.273
RMS 0.7081
size [# of strips]

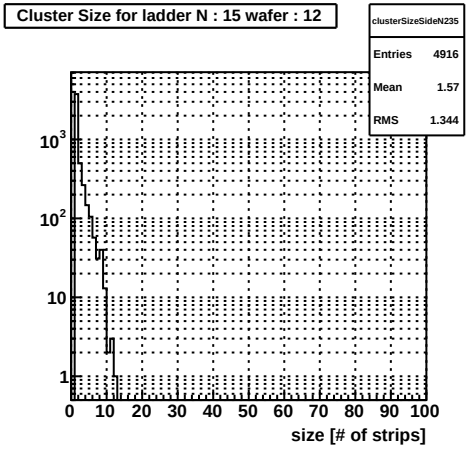

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3415
Mean 1.128
RMS 0.4823
size [# of strips]

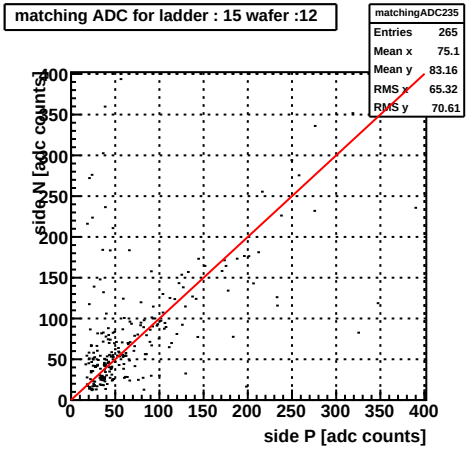

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 250
Mean x 101.8
Mean y 98.31
RMS x 68.57
RMS y 72.77
side N [adc counts]
side P [adc counts]

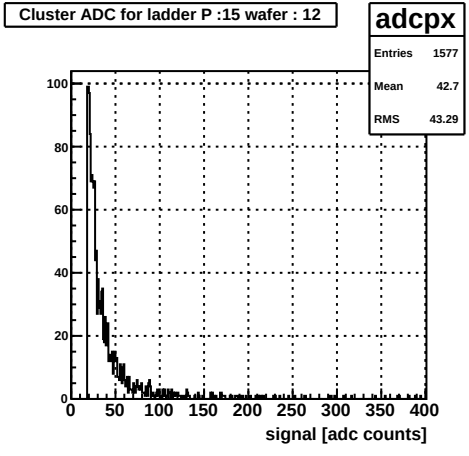

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 396
Mean 89.51
RMS 67.21
signal [adc counts]

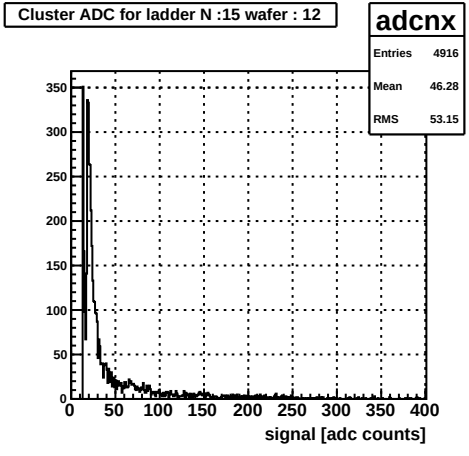

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3415
Mean 27.71
RMS 36.62
signal [adc counts]

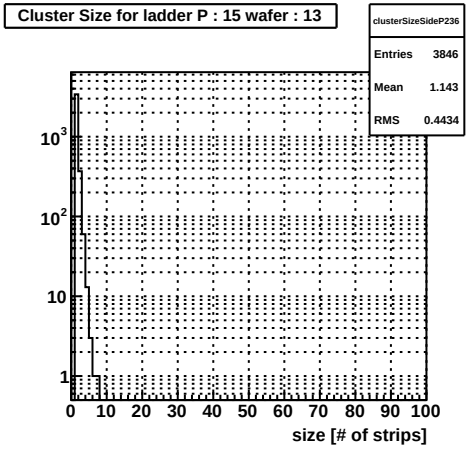

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1577
Mean 1.172
RMS 0.5102
size [# of strips]

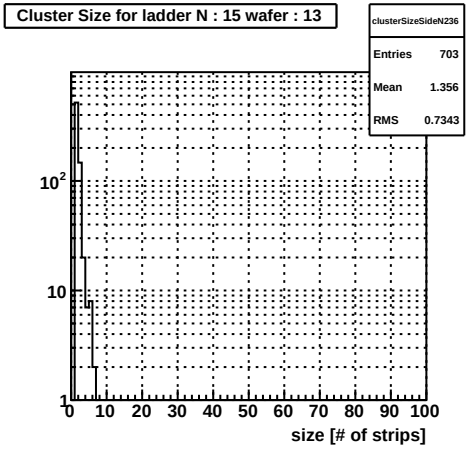

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4916
Mean 1.57
RMS 1.344
size [# of strips]

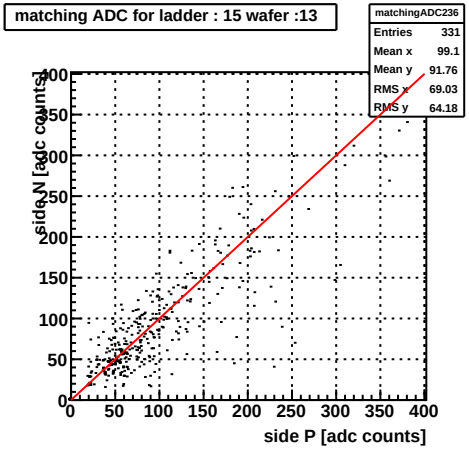

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 265
Mean x 75.1
Mean y 83.16
RMS x 65.32
RMS y 70.61
side N [adc counts]
side P [adc counts]

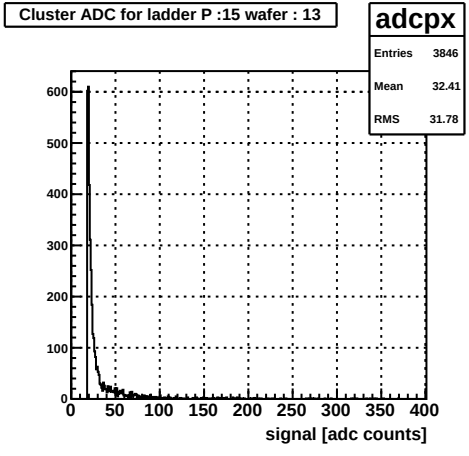

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1577
Mean 42.7
RMS 43.29
signal [adc counts]

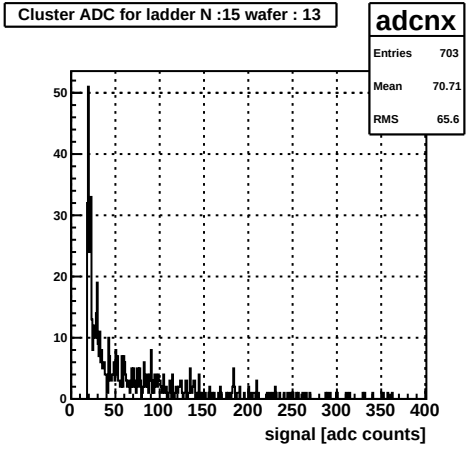

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4916
Mean 46.28
RMS 53.15
signal [adc counts]

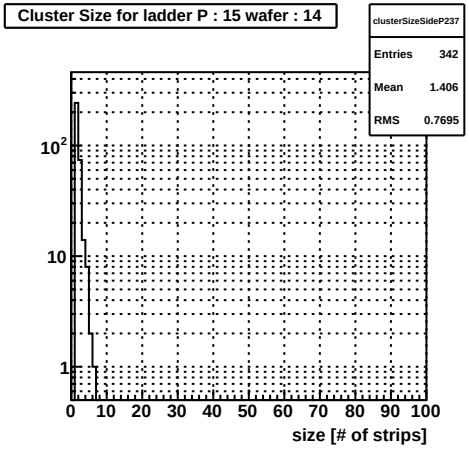

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3846
Mean 1.143
RMS 0.4434
size [# of strips]

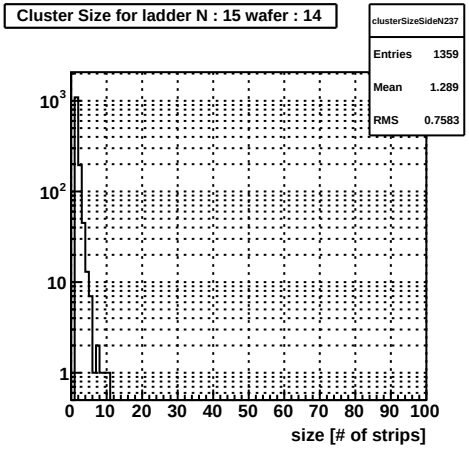

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 703
Mean 1.356
RMS 0.7343
size [# of strips]

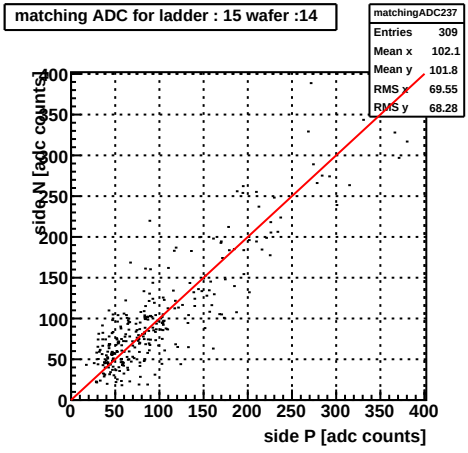

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 331
Mean x 99.1
Mean y 91.76
RMS x 69.03
RMS y 64.18
side N [adc counts]
side P [adc counts]

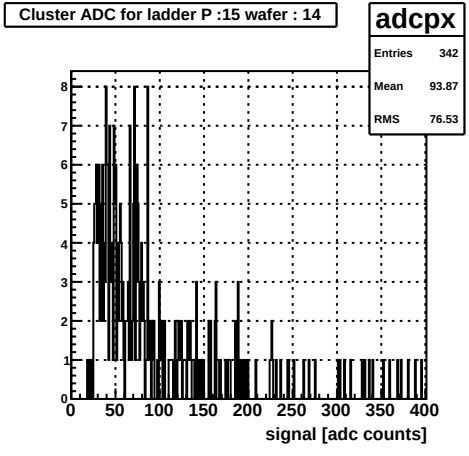

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3846
Mean 32.41
RMS 31.78
signal [adc counts]

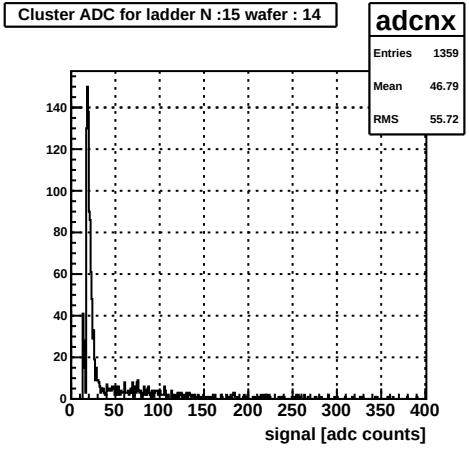

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 703
Mean 70.71
RMS 65.6
signal [adc counts]

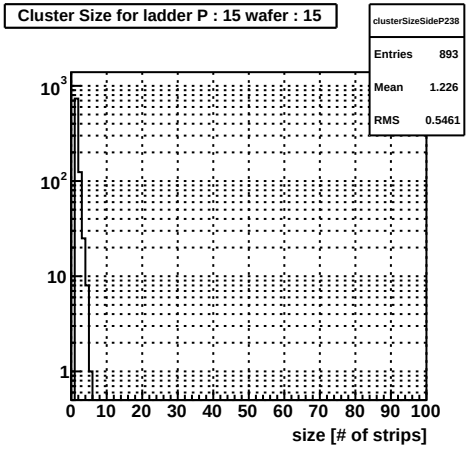

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 342
Mean 1.406
RMS 0.7695
size [# of strips]

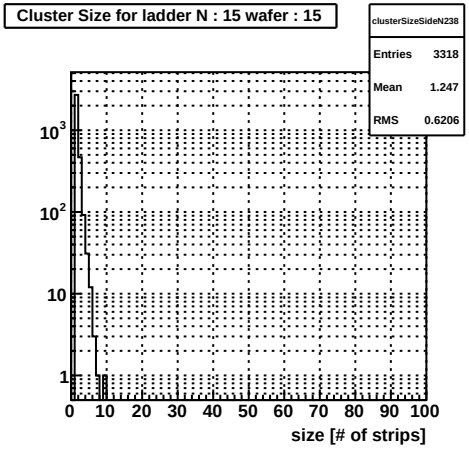

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1359
Mean 1.289
RMS 0.7583
size [# of strips]

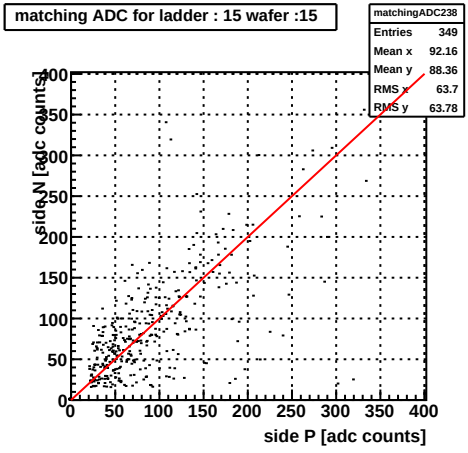

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 309
Mean x 102.1
Mean y 101.8
RMS x 69.55
RMS y 68.28
side N [adc counts]
side P [adc counts]

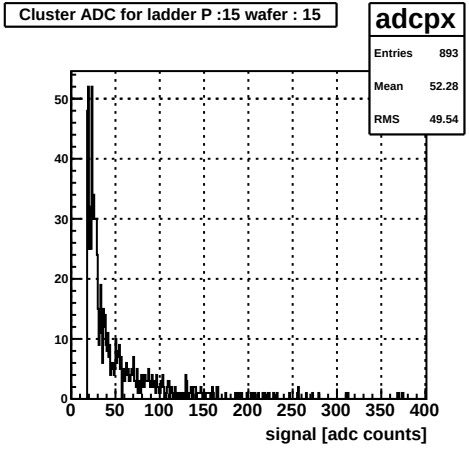

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 342
Mean 93.87
RMS 76.53
signal [adc counts]

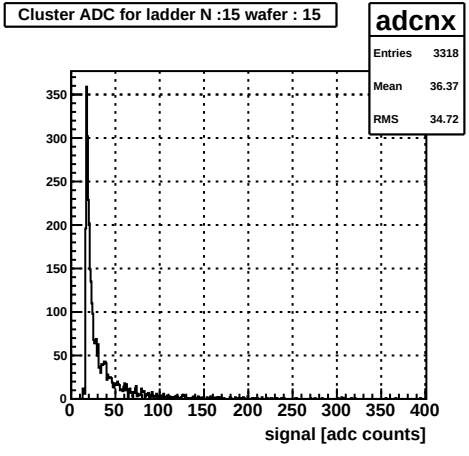

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1359
Mean 46.79
RMS 55.72
signal [adc counts]

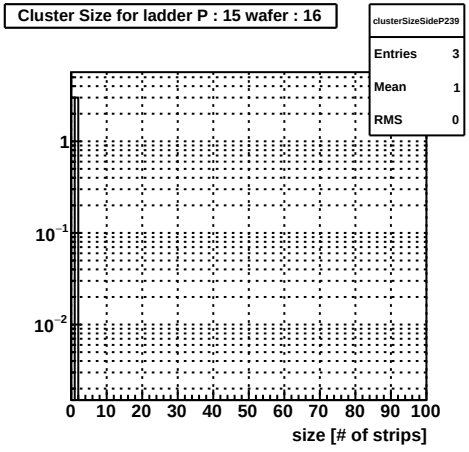

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 893
Mean 1.226
RMS 0.5461
size [# of strips]

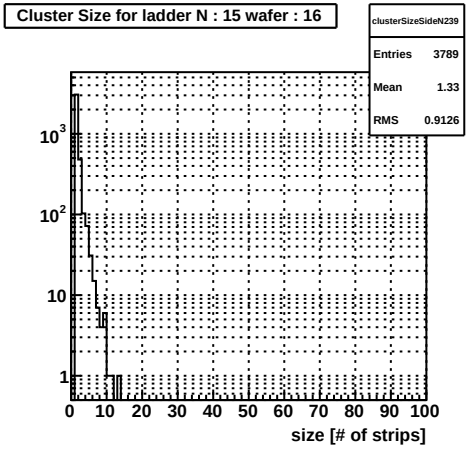

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3318
Mean 1.247
RMS 0.6206
size [# of strips]

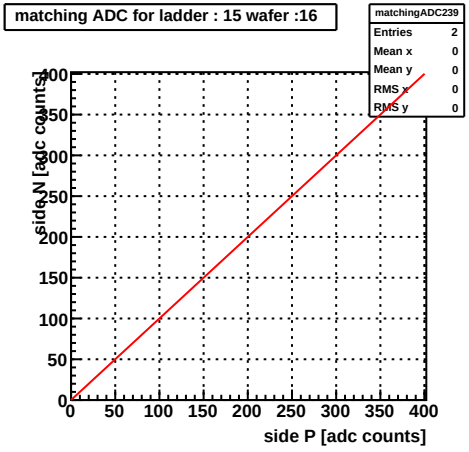

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 349
Mean x 92.16
Mean y 88.36
RMS x 63.7
RMS y 63.78
side N [adc counts]
side P [adc counts]

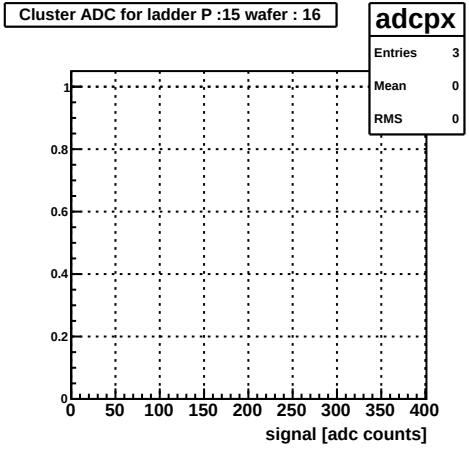

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 893
Mean 52.28
RMS 49.54
signal [adc counts]

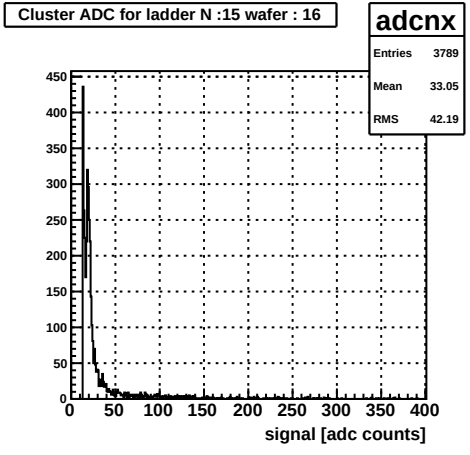

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3318
Mean 36.37
RMS 34.72
signal [adc counts]

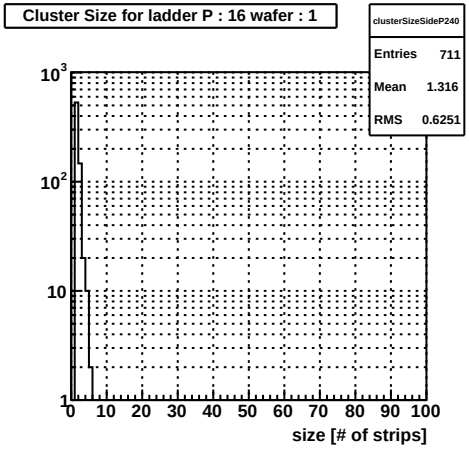

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

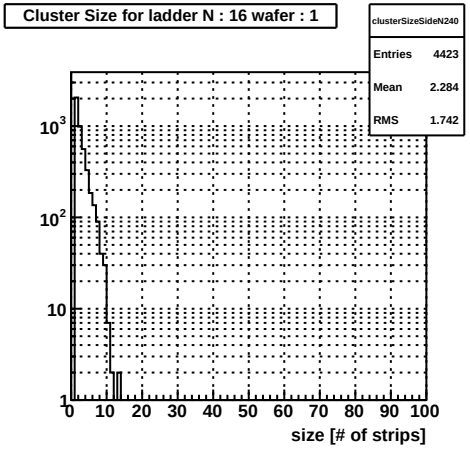

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3789
Mean 1.33
RMS 0.9126
size [# of strips]

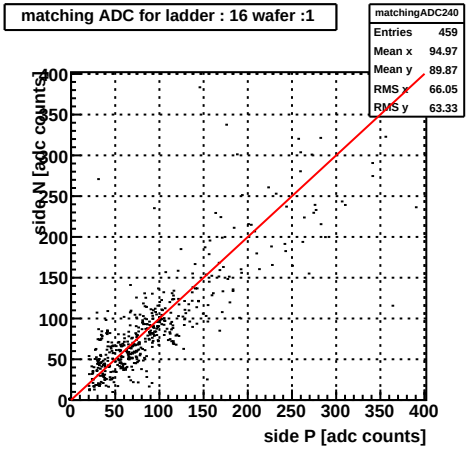

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

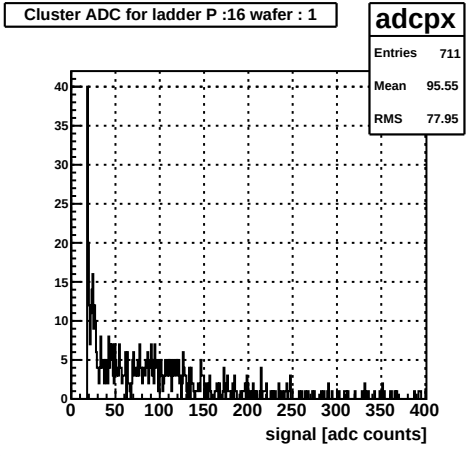

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

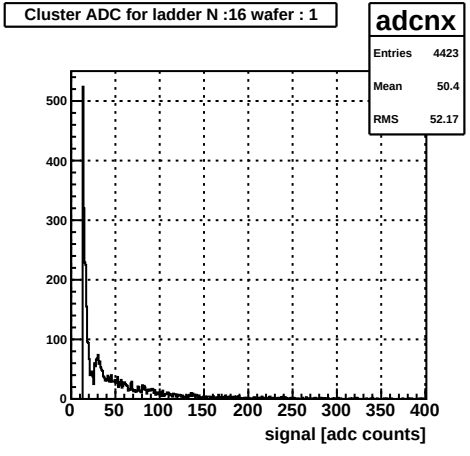

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3789
Mean 33.05
RMS 42.19
signal [adc counts]

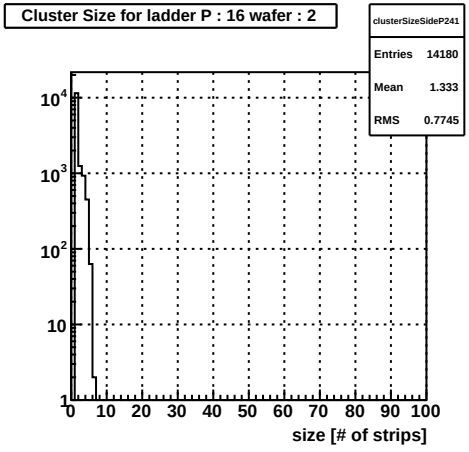

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 711
Mean 1.316
RMS 0.6251
size [# of strips]

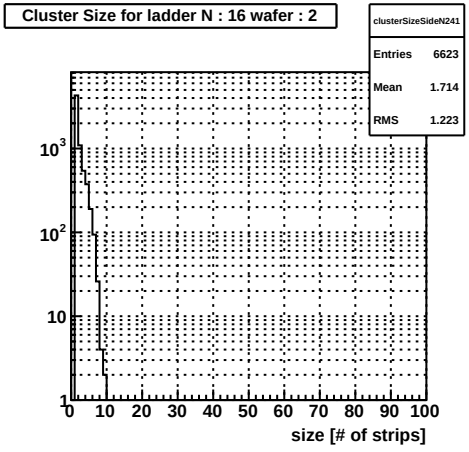

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4423
Mean 2.284
RMS 1.742
size [# of strips]

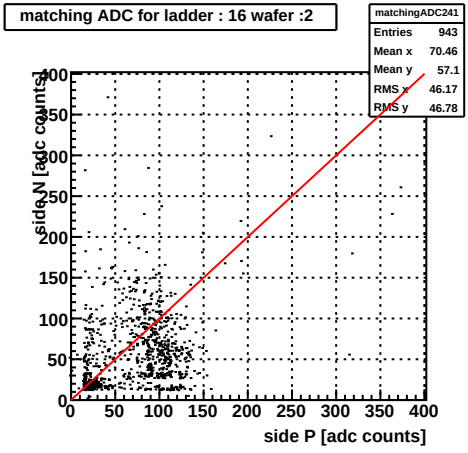

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 459
Mean x 94.97
Mean y 89.87
RMS x 66.05
RMS y 63.33
side N [adc counts]
side P [adc counts]

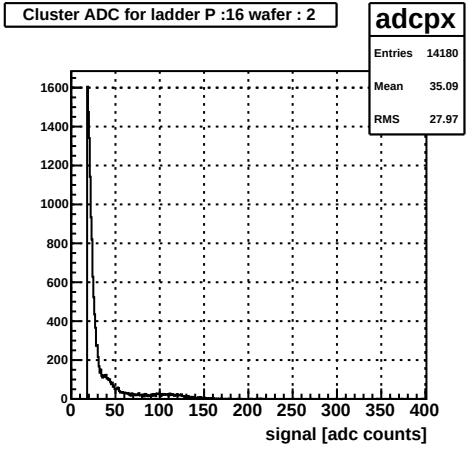

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 711
Mean 95.55
RMS 77.95
signal [adc counts]

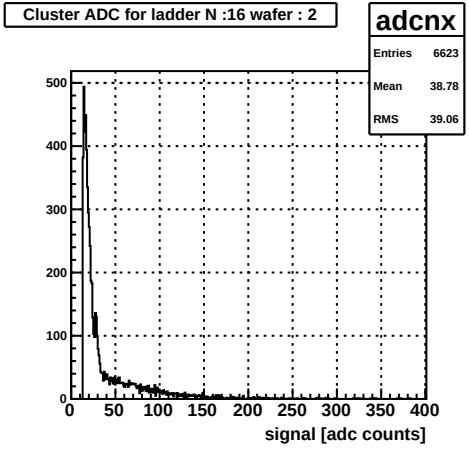

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4423
Mean 50.4
RMS 52.17
signal [adc counts]

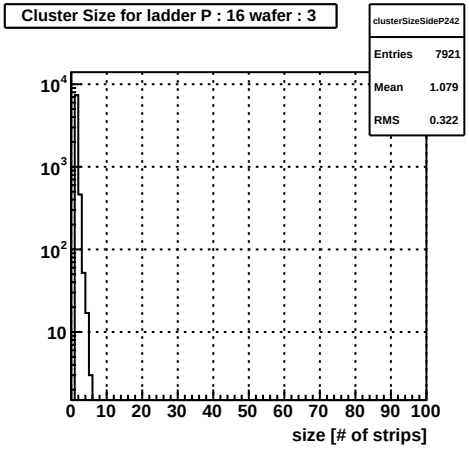

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14180
Mean 1.333
RMS 0.7745
size [# of strips]

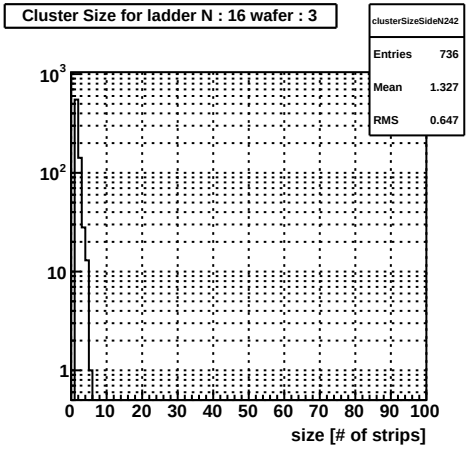

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6623
Mean 1.714
RMS 1.223
size [# of strips]

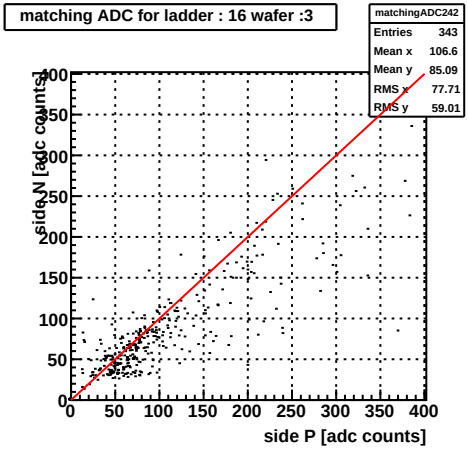

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 943
Mean x 70.46
Mean y 57.1
RMS x 46.17
RMS y 46.78
side N [adc counts]
side P [adc counts]

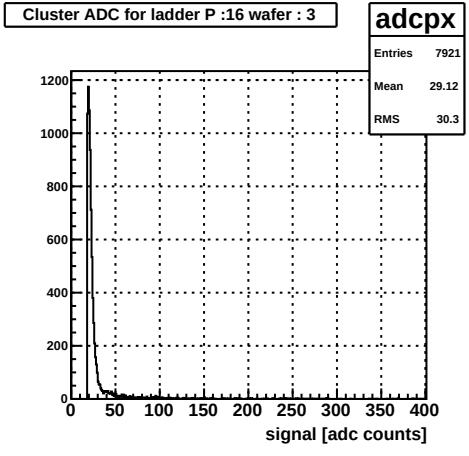

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14180
Mean 35.09
RMS 27.97
signal [adc counts]

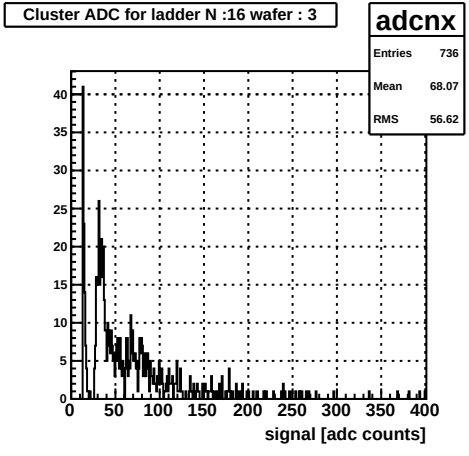

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6623
Mean 38.78
RMS 39.06
signal [adc counts]

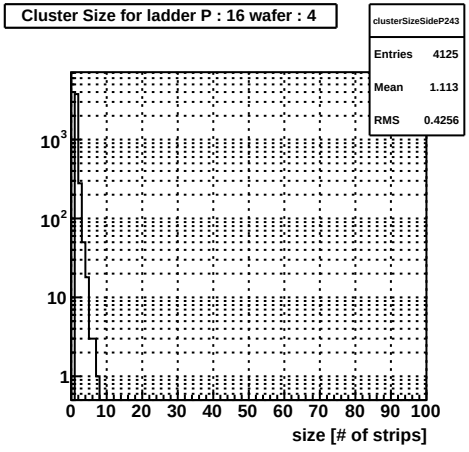

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7921
Mean 1.079
RMS 0.322
size [# of strips]

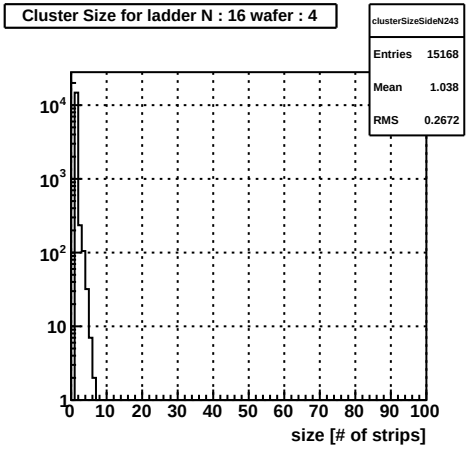

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 736
Mean 1.327
RMS 0.647
size [# of strips]

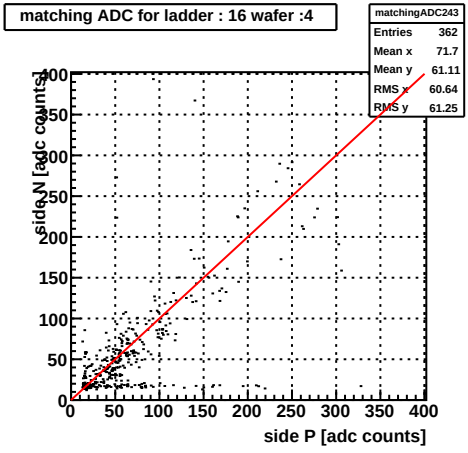

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 343
Mean x 106.6
Mean y 85.09
RMS x 77.71
RMS y 59.01
side N [adc counts]
side P [adc counts]

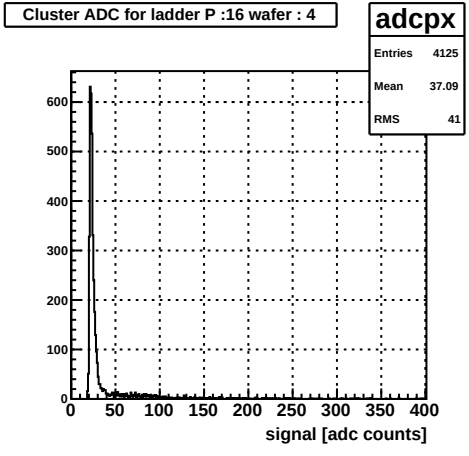

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7921
Mean 29.12
RMS 30.3
signal [adc counts]

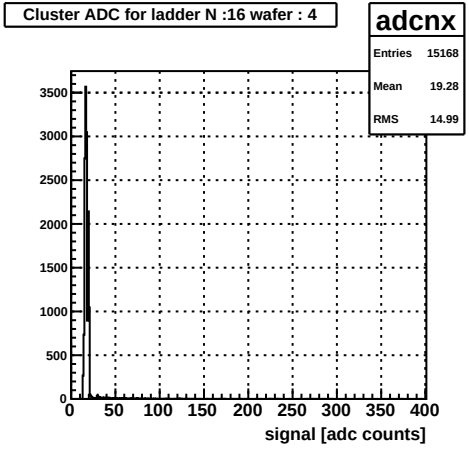

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 736
Mean 68.07
RMS 56.62
signal [adc counts]

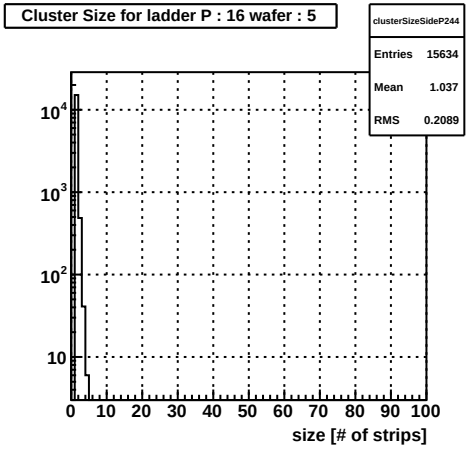

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4125
Mean 1.113
RMS 0.4256
size [# of strips]

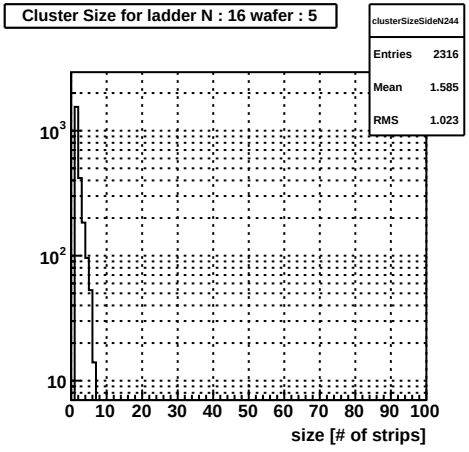

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 15168
Mean 1.038
RMS 0.2672
size [# of strips]

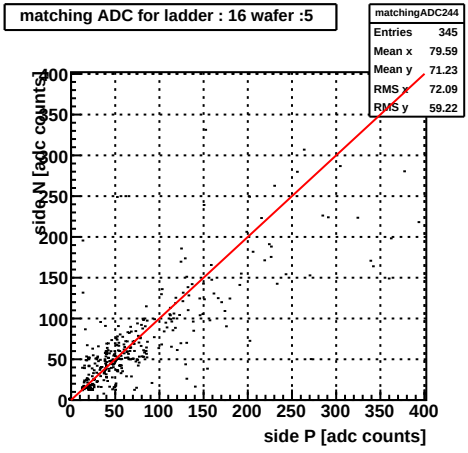

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 362
Mean x 71.7
Mean y 61.11
RMS x 60.64
RMS y 61.25
side N [adc counts]
side P [adc counts]

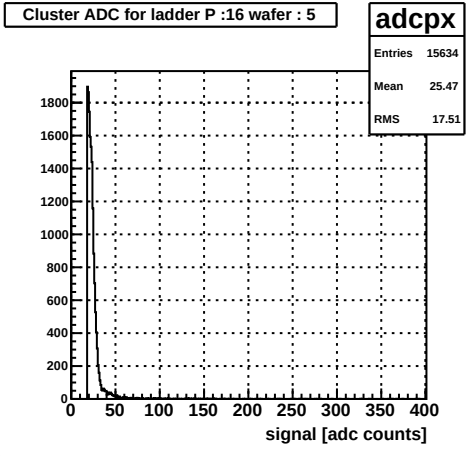

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4125
Mean 37.09
RMS 41
signal [adc counts]

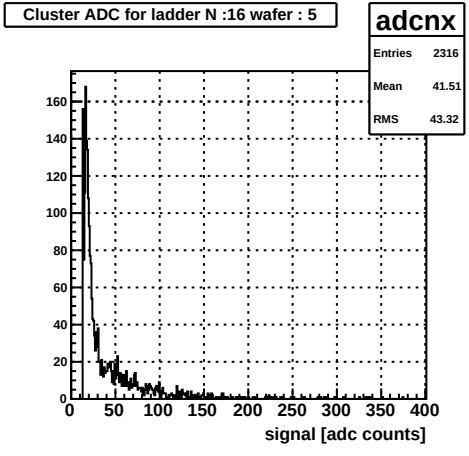

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 15168
Mean 19.28
RMS 14.99
signal [adc counts]

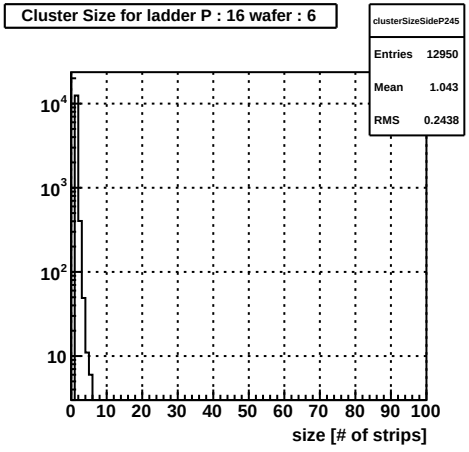

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 15634
Mean 1.037
RMS 0.2089
size [# of strips]

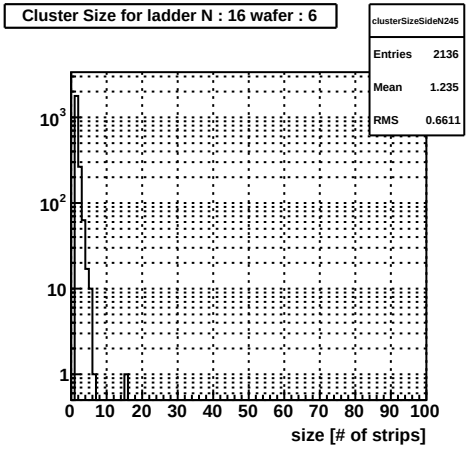

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2316
Mean 1.585
RMS 1.023
size [# of strips]

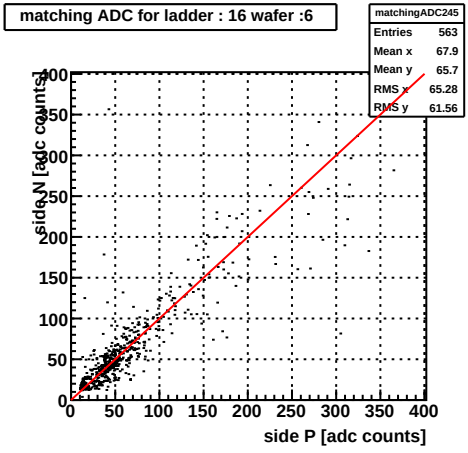

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 345
Mean x 79.59
Mean y 71.23
RMS x 72.09
RMS y 59.22
side N [adc counts]
side P [adc counts]

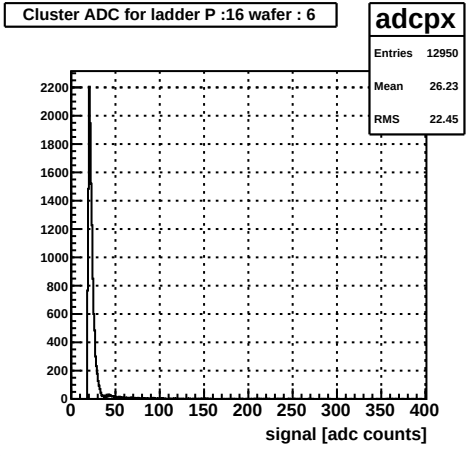

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 15634
Mean 25.47
RMS 17.51
signal [adc counts]

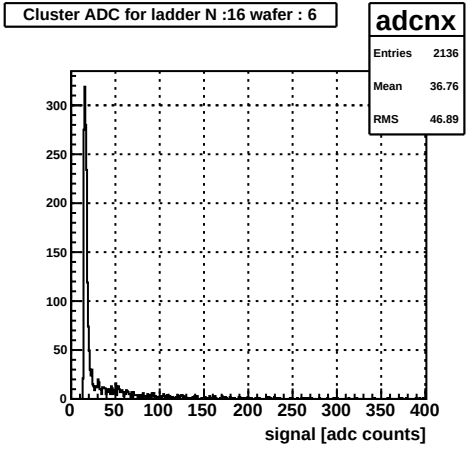

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2316
Mean 41.51
RMS 43.32
signal [adc counts]

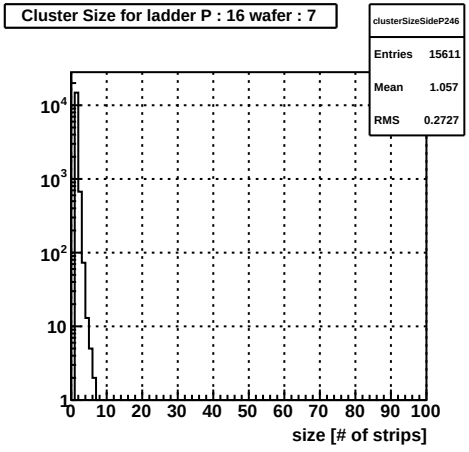

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 12950
Mean 1.043
RMS 0.2438
size [# of strips]

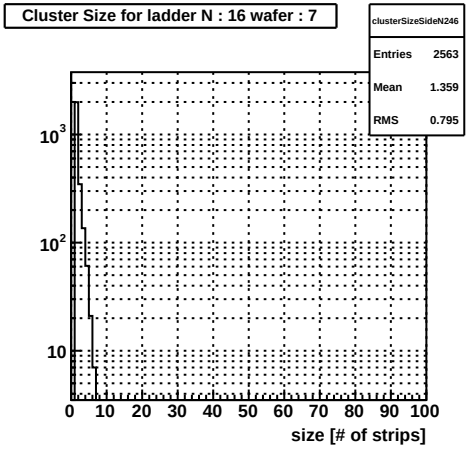

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2136
Mean 1.235
RMS 0.6611
size [# of strips]

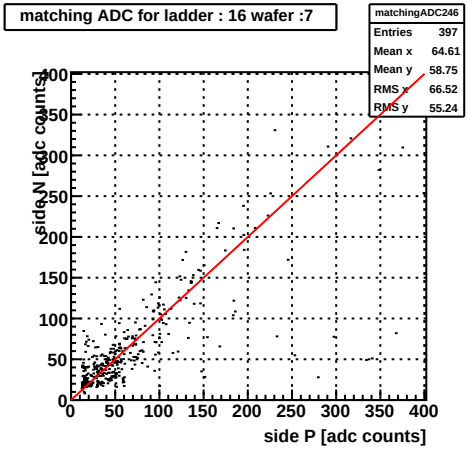

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 563
Mean x 67.9
Mean y 65.7
RMS x 65.28
RMS y 61.56
side N [adc counts]
side P [adc counts]

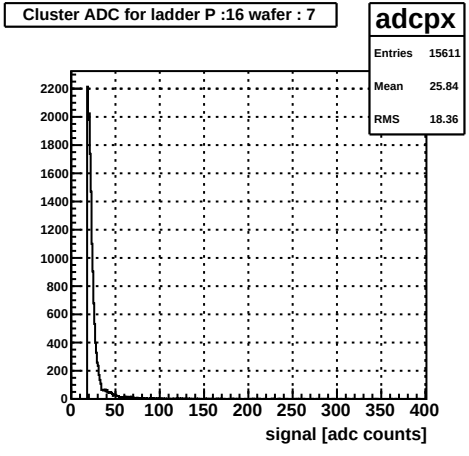

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 12950
Mean 26.23
RMS 22.45
signal [adc counts]

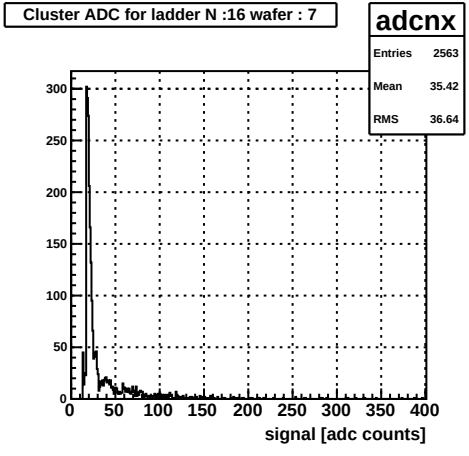

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2136
Mean 36.76
RMS 46.89
signal [adc counts]

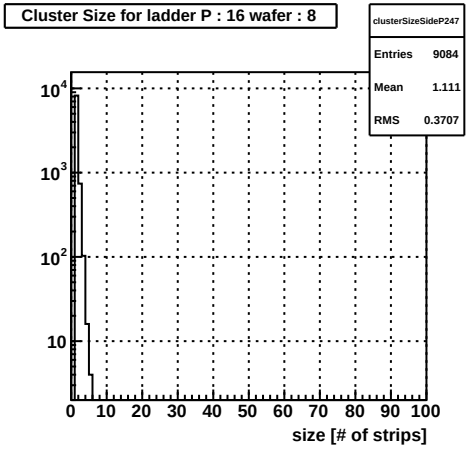

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 15611
Mean 1.057
RMS 0.2727
size [# of strips]

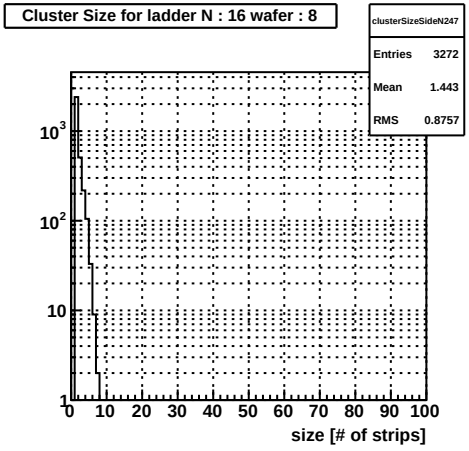

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2563
Mean 1.359
RMS 0.795
size [# of strips]

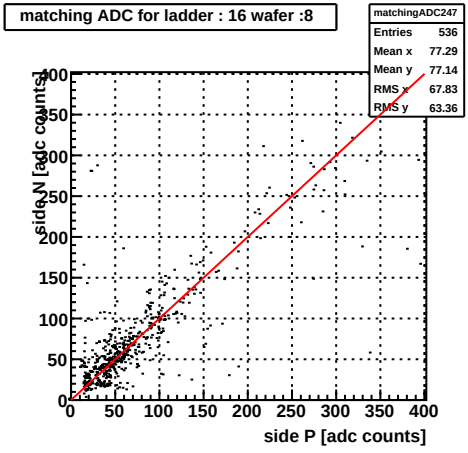

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 397
Mean x 64.61
Mean y 58.75
RMS x 66.52
RMS y 55.24
side N [adc counts]
side P [adc counts]

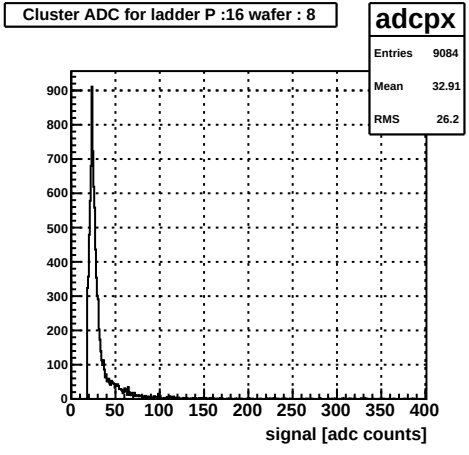

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 15611
Mean 25.84
RMS 18.36
signal [adc counts]

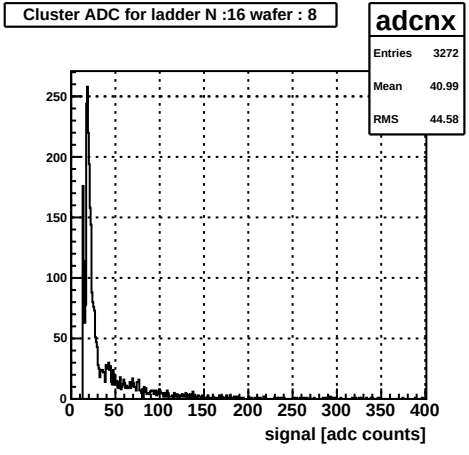

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2563
Mean 35.42
RMS 36.64
signal [adc counts]

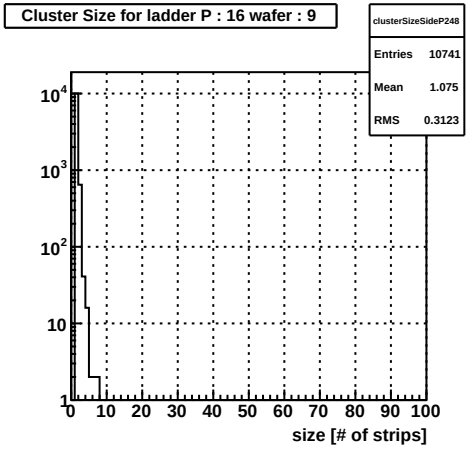

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9084
Mean 1.111
RMS 0.3707
size [# of strips]

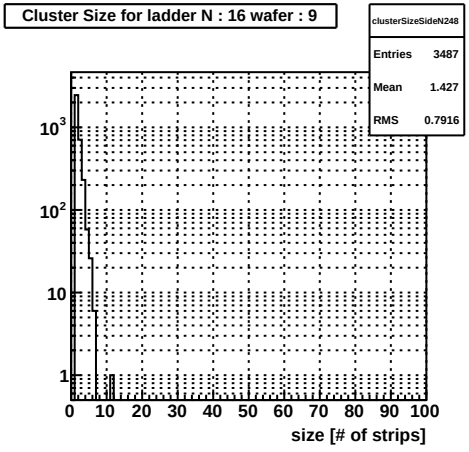

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 3272
Mean 1.443
RMS 0.8757
size [# of strips]

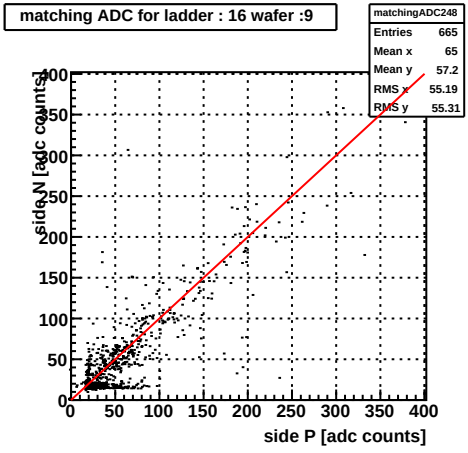

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 536
Mean x 77.29
Mean y 77.14
RMS x 67.83
RMS y 63.36
side N [adc counts]
side P [adc counts]

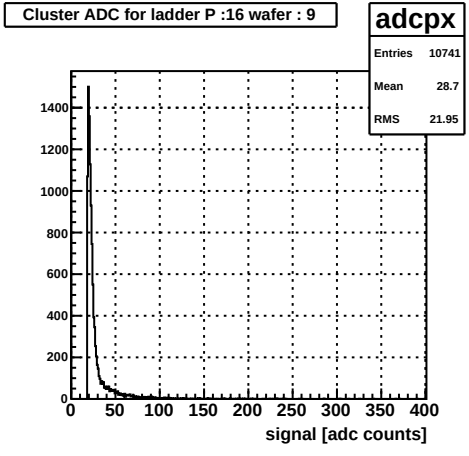

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9084
Mean 32.91
RMS 26.2
signal [adc counts]

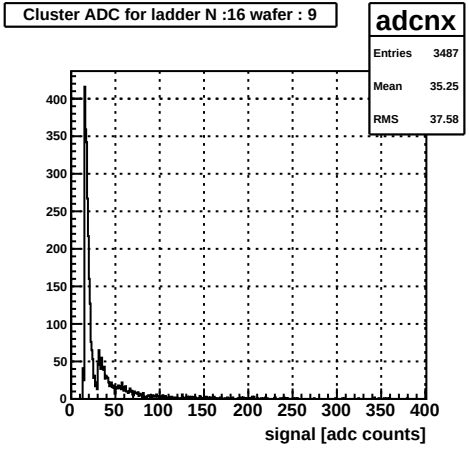

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 3272
Mean 40.99
RMS 44.58
signal [adc counts]

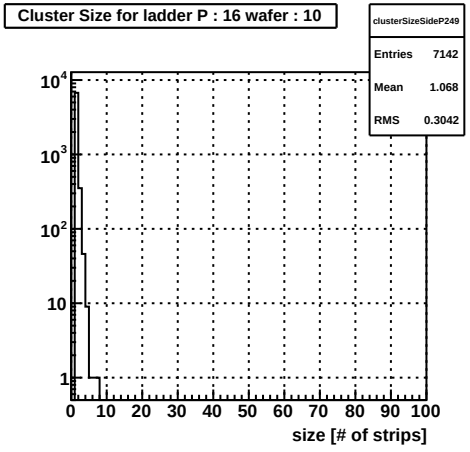

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 10741
Mean 1.075
RMS 0.3123
size [# of strips]

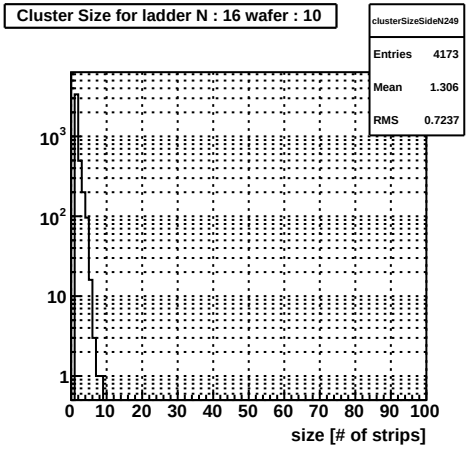

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3487
Mean 1.427
RMS 0.7916
size [# of strips]

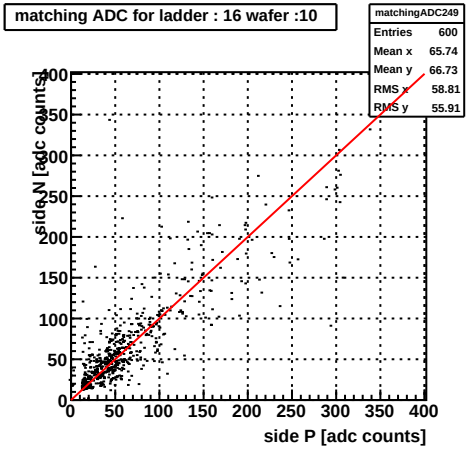

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 665
Mean x 65
Mean y 57.2
RMS x 55.19
RMS y 55.31
side N [adc counts]
side P [adc counts]

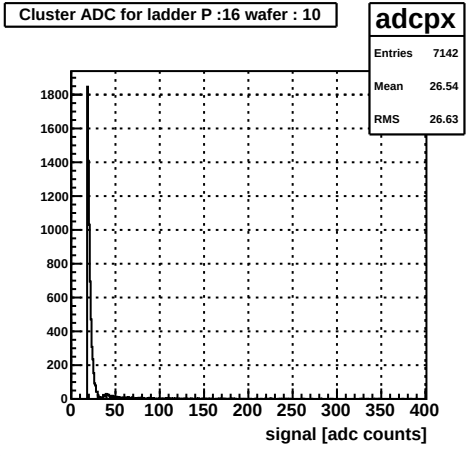

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 10741
Mean 28.7
RMS 21.95
signal [adc counts]

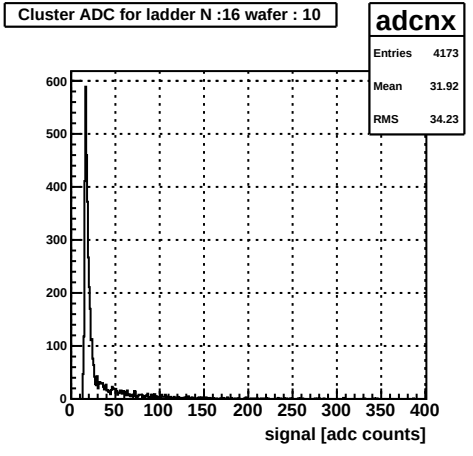

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3487
Mean 35.25
RMS 37.58
signal [adc counts]

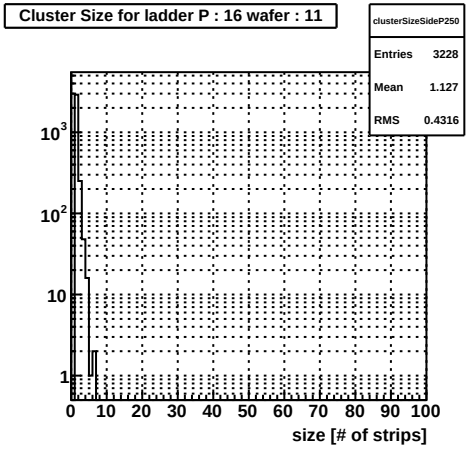

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 7142
Mean 1.068
RMS 0.3042
size [# of strips]

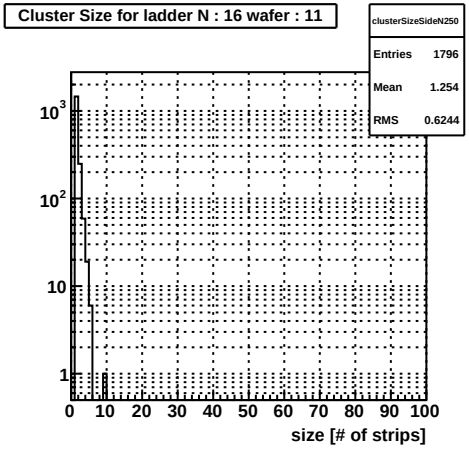

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 4173
Mean 1.306
RMS 0.7237
size [# of strips]

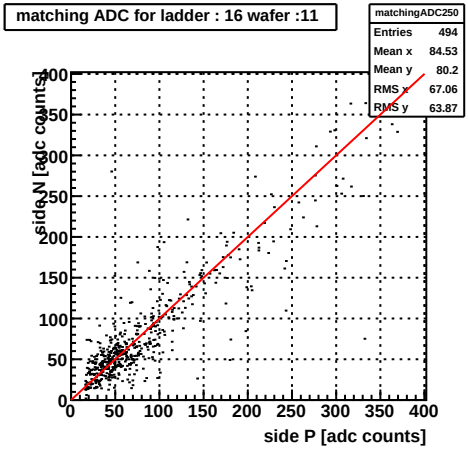

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 600
Mean x 65.74
Mean y 66.73
RMS x 58.81
RMS y 55.91
side N [adc counts]
side P [adc counts]

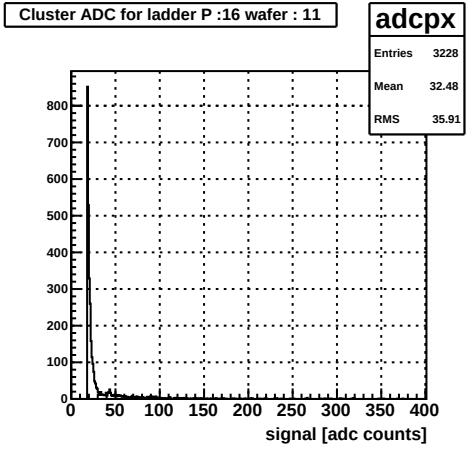

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 7142
Mean 26.54
RMS 26.63
signal [adc counts]

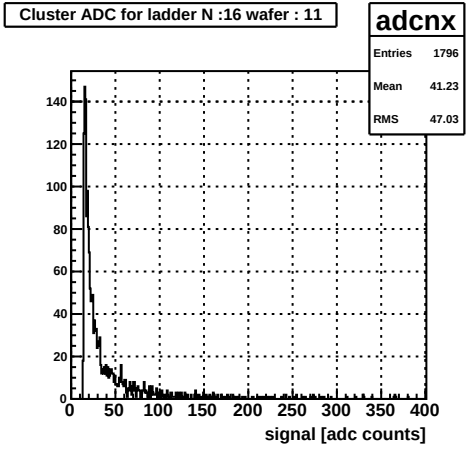

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 4173
Mean 31.92
RMS 34.23
signal [adc counts]

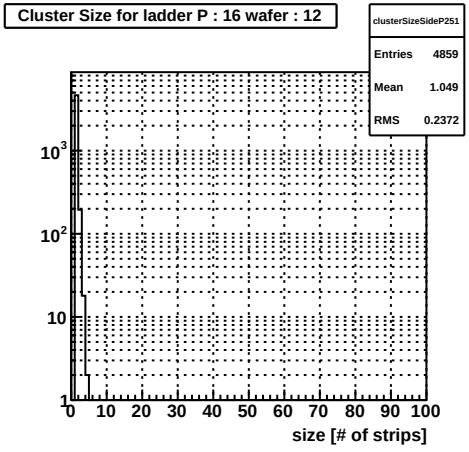

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3228
Mean 1.127
RMS 0.4316
size [# of strips]

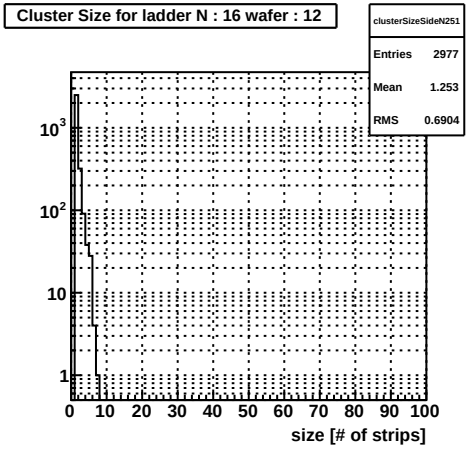

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1796
Mean 1.254
RMS 0.6244
size [# of strips]

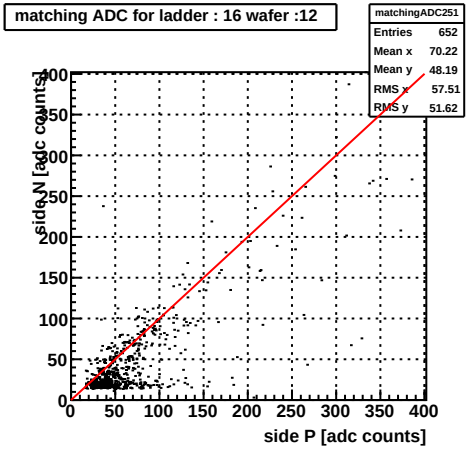

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 494
Mean x 84.53
Mean y 80.2
RMS x 67.06
RMS y 63.87
side N [adc counts]
side P [adc counts]

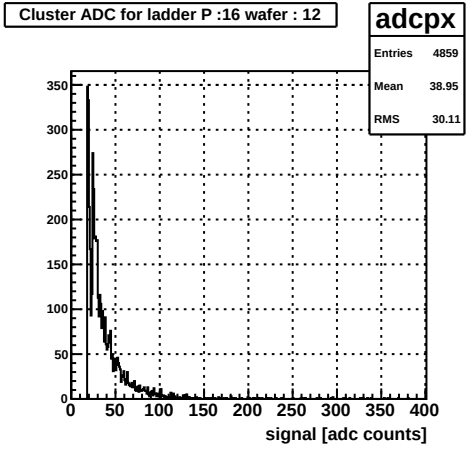

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3228
Mean 32.48
RMS 35.91
signal [adc counts]

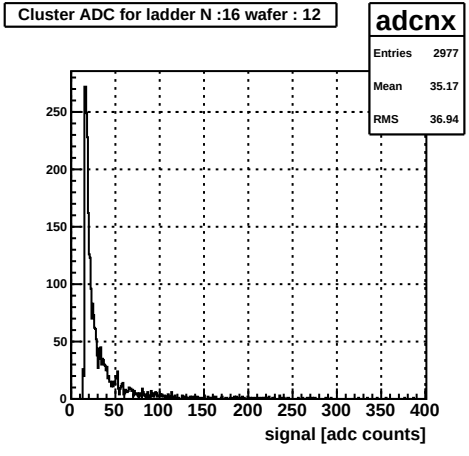

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1796
Mean 41.23
RMS 47.03
signal [adc counts]

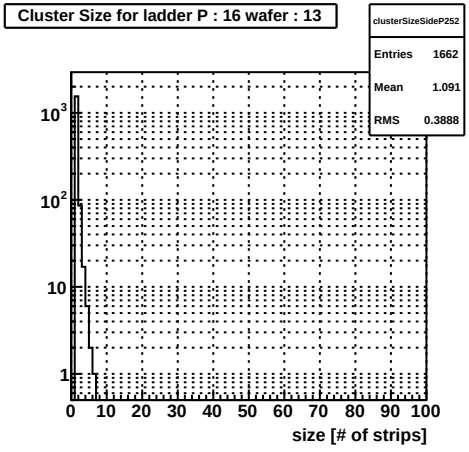

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4859
Mean 1.049
RMS 0.2372
size [# of strips]

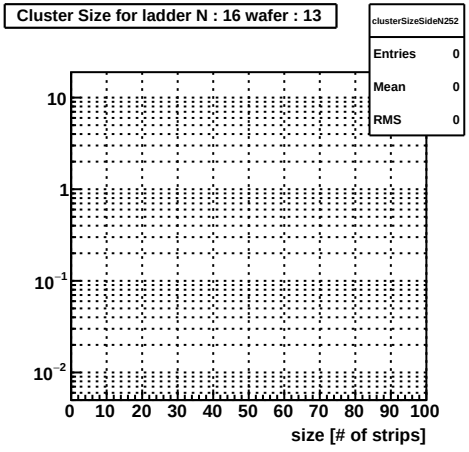

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2977
Mean 1.253
RMS 0.6904
size [# of strips]

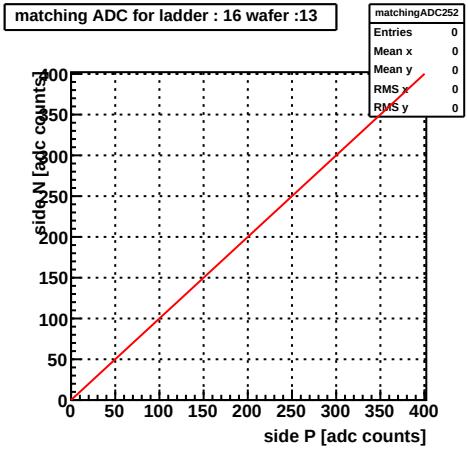

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 652
Mean x 70.22
Mean y 48.19
RMS x 57.51
RMS y 51.62
side N [adc counts]
side P [adc counts]

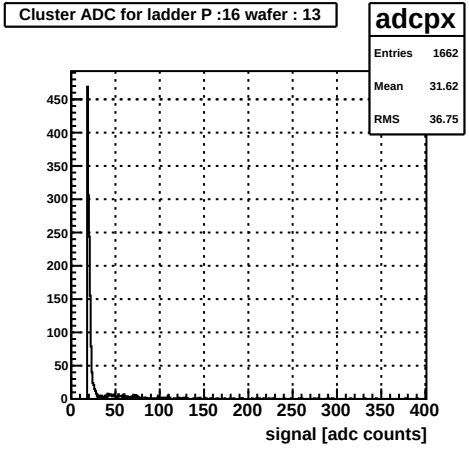

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4859
Mean 38.95
RMS 30.11
signal [adc counts]

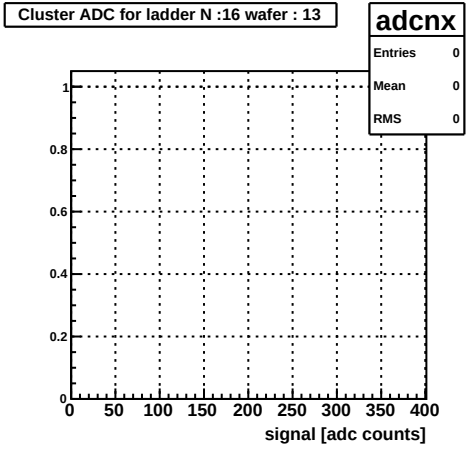

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2977
Mean 35.17
RMS 36.94
signal [adc counts]

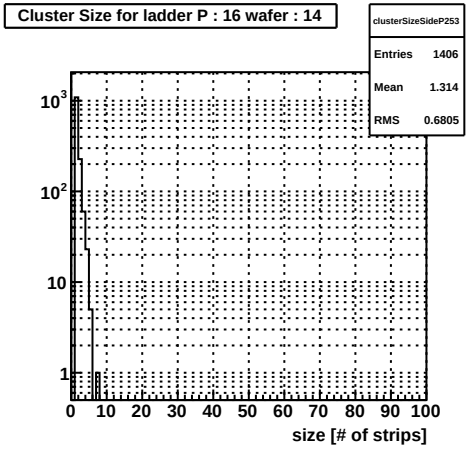

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1662
Mean 1.091
RMS 0.3888
size [# of strips]

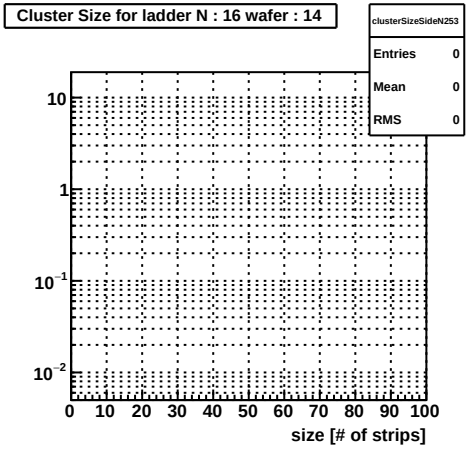

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

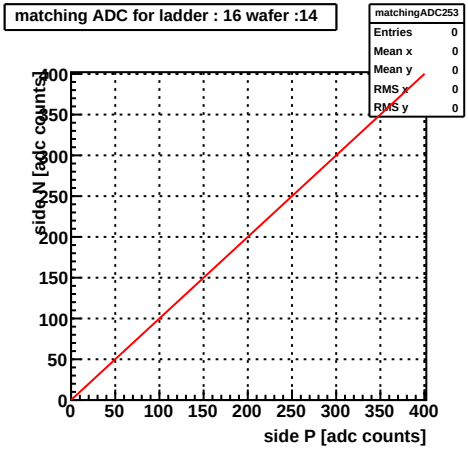

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

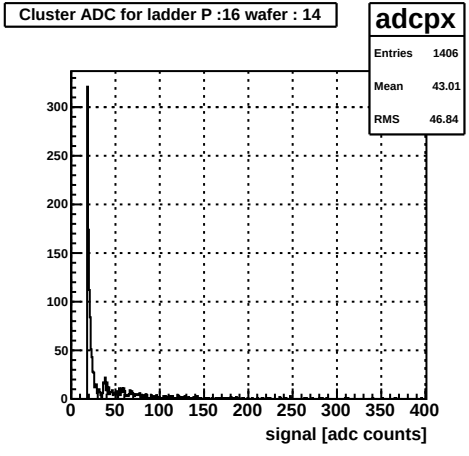

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1662
Mean 31.62
RMS 36.75
signal [adc counts]

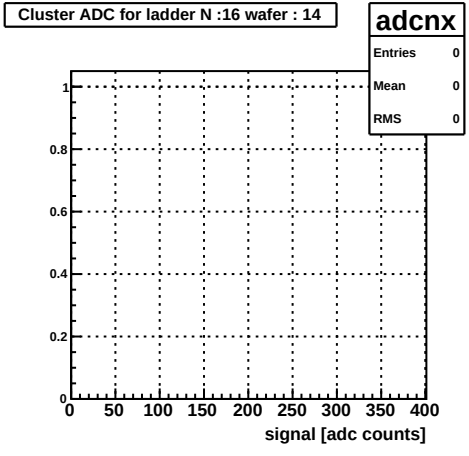

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

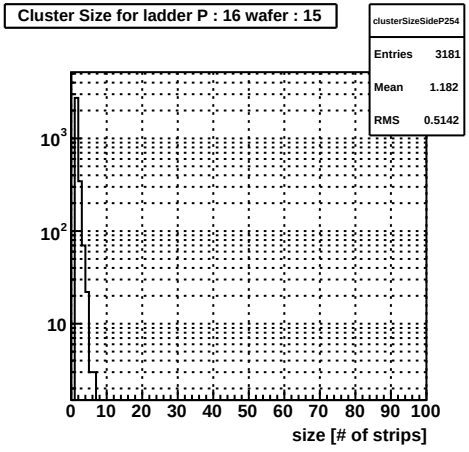

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1406
Mean 1.314
RMS 0.6805
size [# of strips]

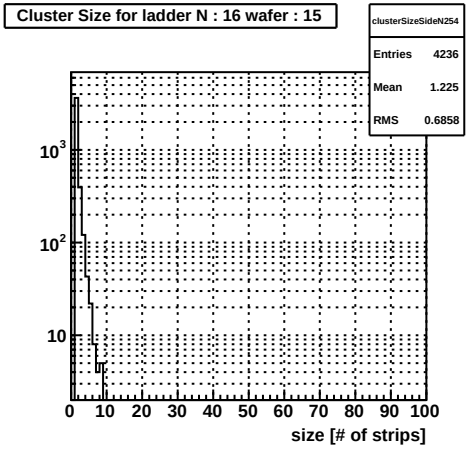

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

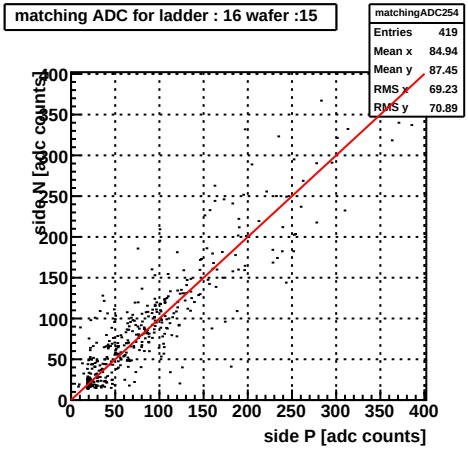

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

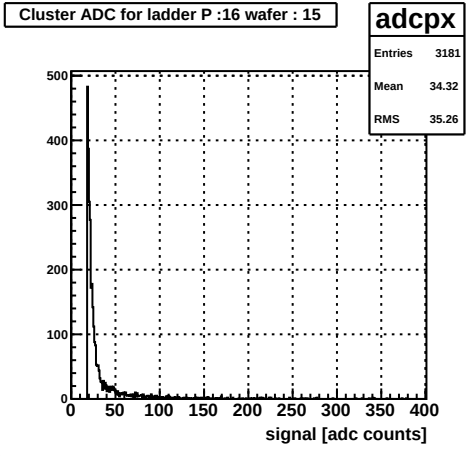

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1406
Mean 43.01
RMS 46.84
signal [adc counts]

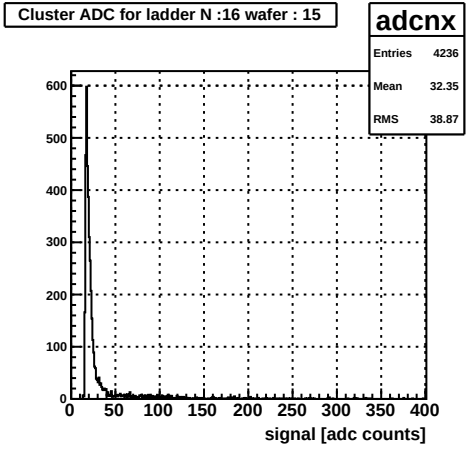

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

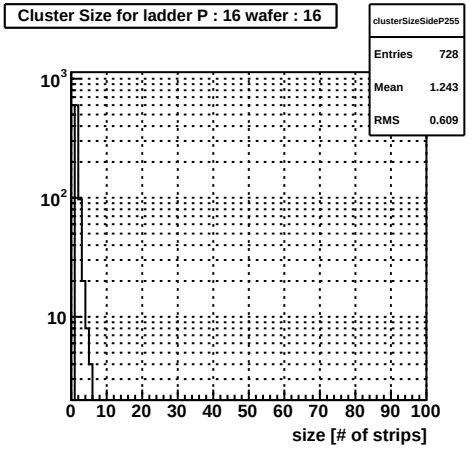

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3181
Mean 1.182
RMS 0.5142
size [# of strips]

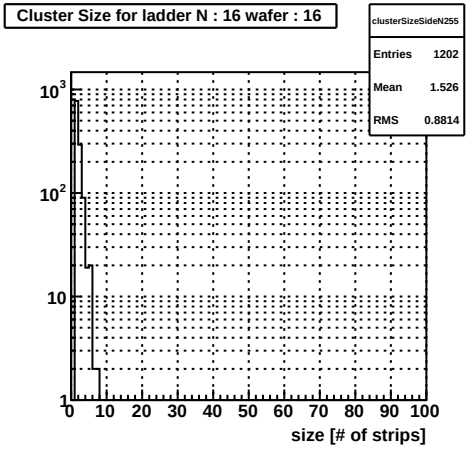

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4236
Mean 1.225
RMS 0.6858
size [# of strips]

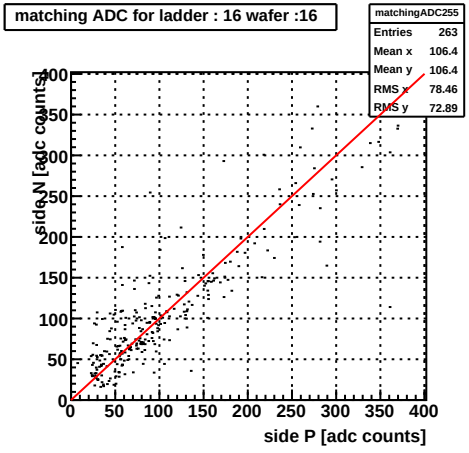

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 419
Mean x 84.94
Mean y 87.45
RMS x 69.23
RMS y 70.89
side N [adc counts]
side P [adc counts]

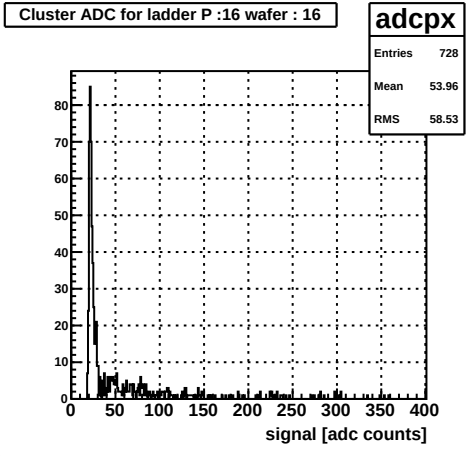

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3181
Mean 34.32
RMS 35.26
signal [adc counts]

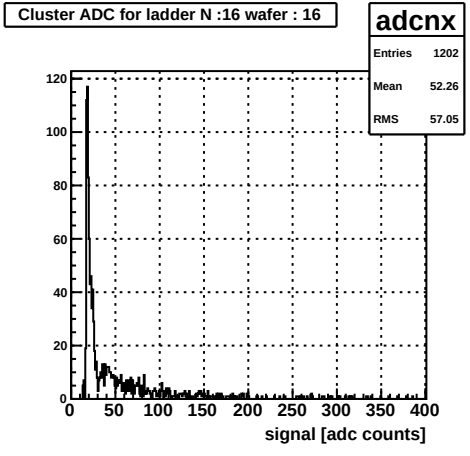

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4236
Mean 32.35
RMS 38.87
signal [adc counts]

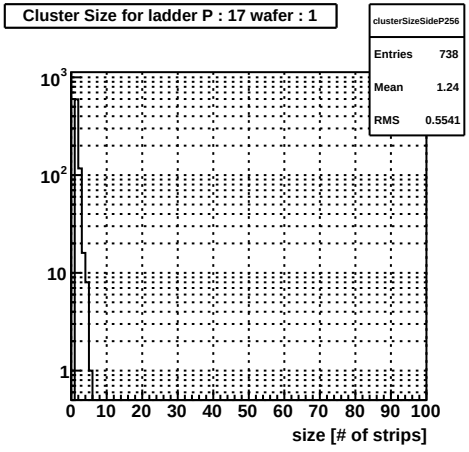

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 728
Mean 1.243
RMS 0.609
size [# of strips]

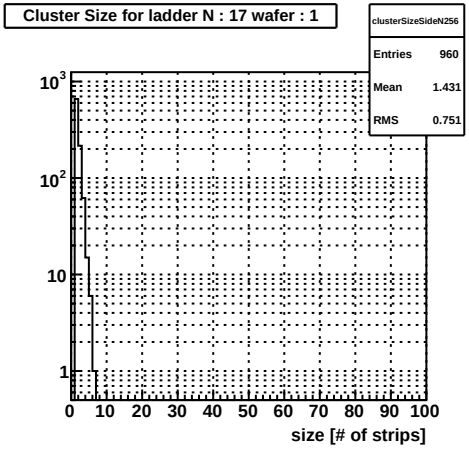

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1202
Mean 1.526
RMS 0.8814
size [# of strips]

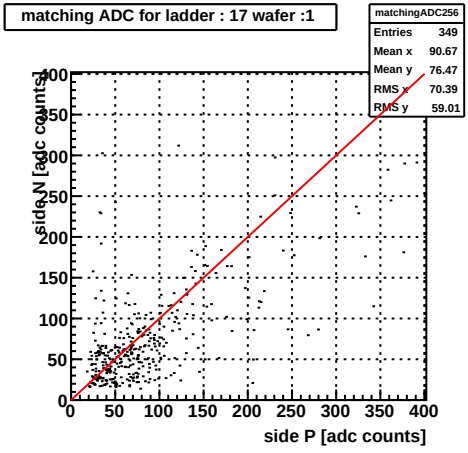

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 263
Mean x 106.4
Mean y 106.4
RMS x 78.46
RMS y 72.89
side N [adc counts]
side P [adc counts]

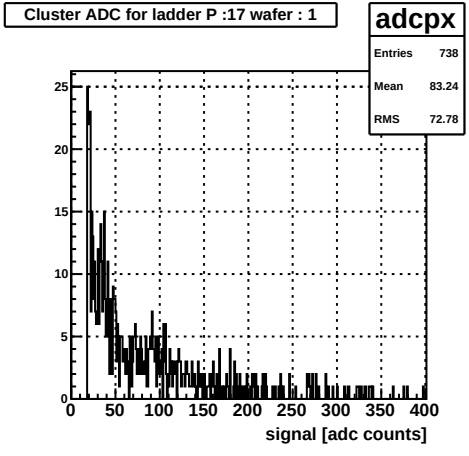

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 728
Mean 53.96
RMS 58.53
signal [adc counts]

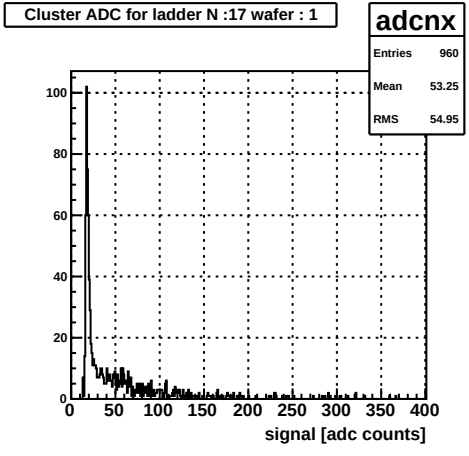

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1202
Mean 52.26
RMS 57.05
signal [adc counts]

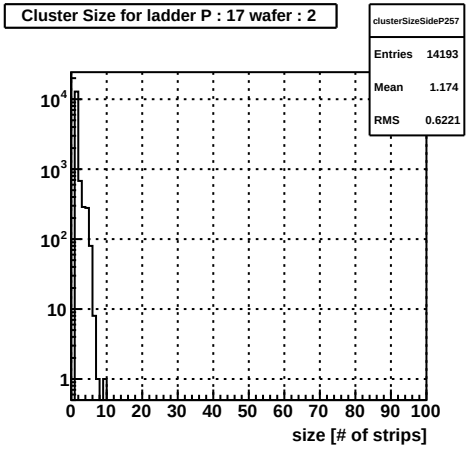

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 738
Mean 1.24
RMS 0.5541
size [# of strips]

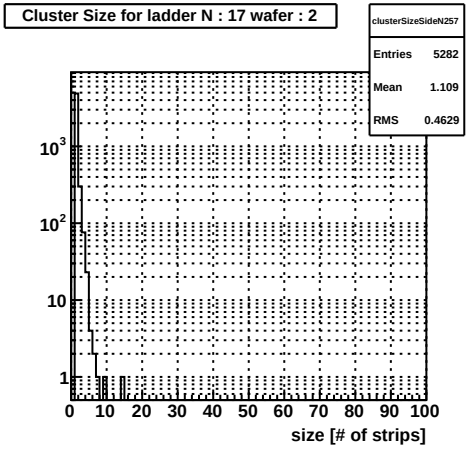

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 960
Mean 1.431
RMS 0.751
size [# of strips]

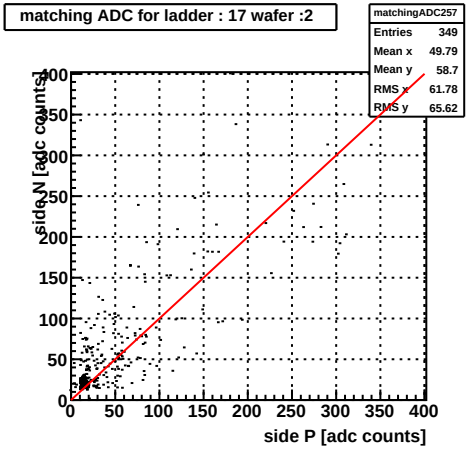

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 349
Mean x 90.67
Mean y 76.47
RMS x 70.39
RMS y 59.01
side N [adc counts]
side P [adc counts]

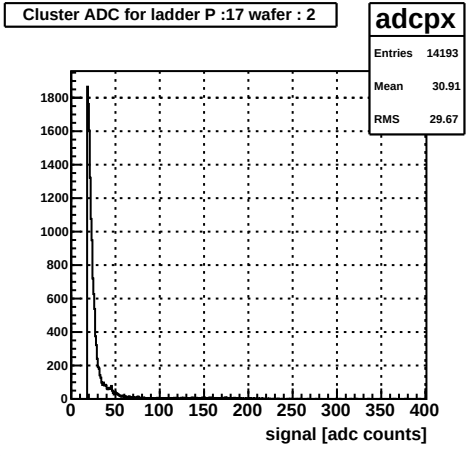

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 738
Mean 83.24
RMS 72.78
signal [adc counts]

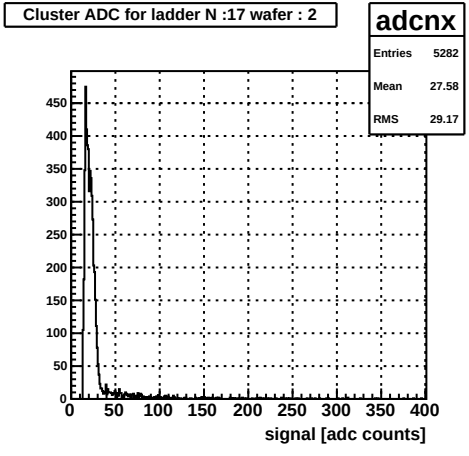

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 960
Mean 53.25
RMS 54.95
signal [adc counts]

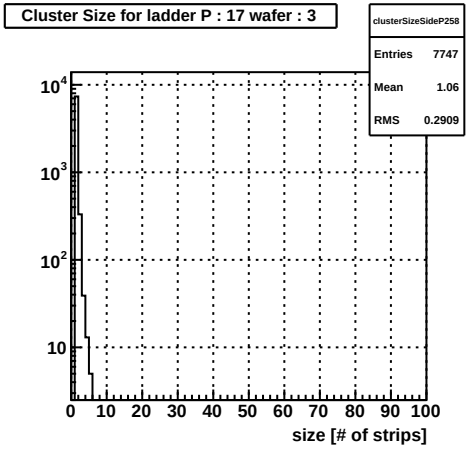

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14193
Mean 1.174
RMS 0.6221
size [# of strips]

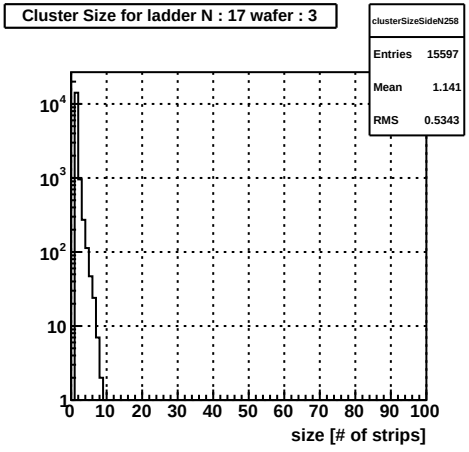

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 5282
Mean 1.109
RMS 0.4629
size [# of strips]

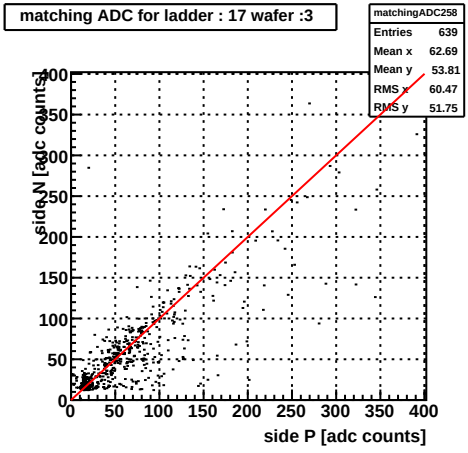

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 349
Mean x 49.79
Mean y 58.7
RMS x 61.78
RMS y 65.62
side N [adc counts]
side P [adc counts]

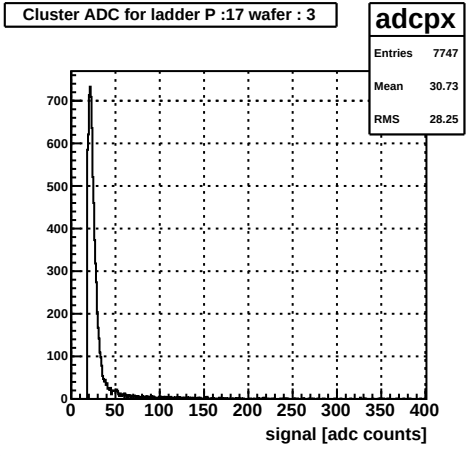

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14193
Mean 30.91
RMS 29.67
signal [adc counts]

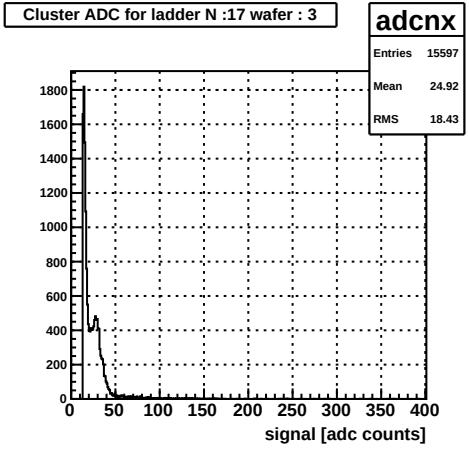

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 5282
Mean 27.58
RMS 29.17
signal [adc counts]

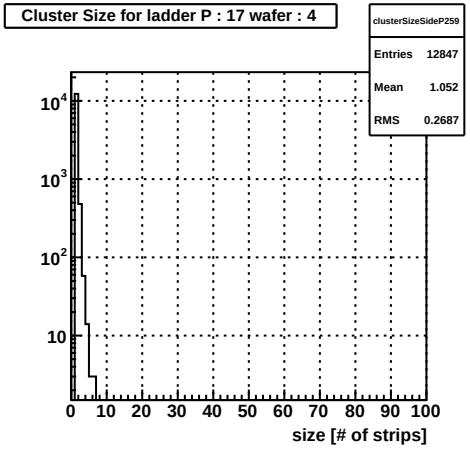

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7747
Mean 1.06
RMS 0.2909
size [# of strips]

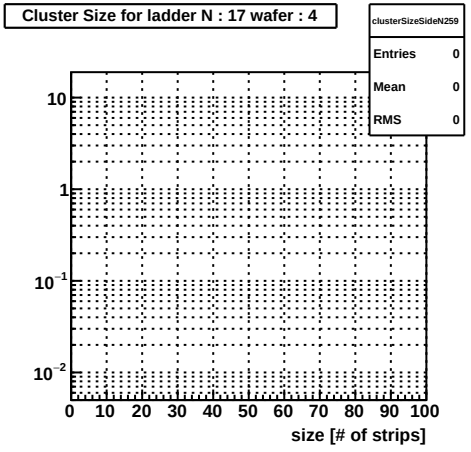

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 15597
Mean 1.141
RMS 0.5343
size [# of strips]

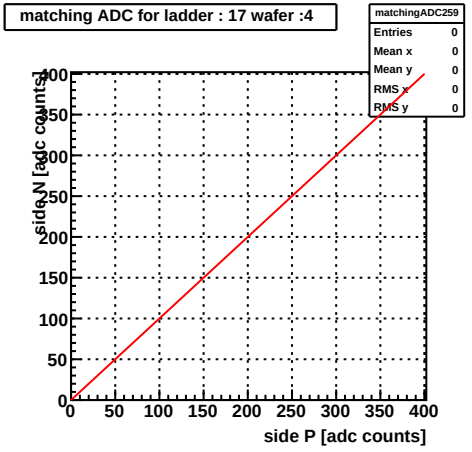

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 639
Mean x 62.69
Mean y 53.81
RMS x 60.47
RMS y 51.75
side N [adc counts]
side P [adc counts]

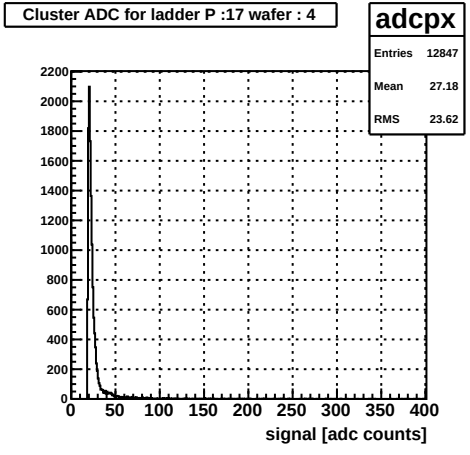

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7747
Mean 30.73
RMS 28.25
signal [adc counts]

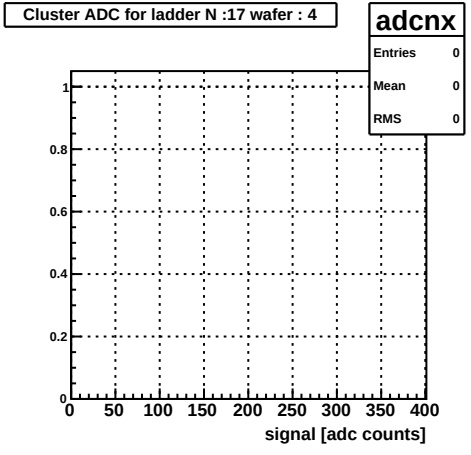

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 15597
Mean 24.92
RMS 18.43
signal [adc counts]

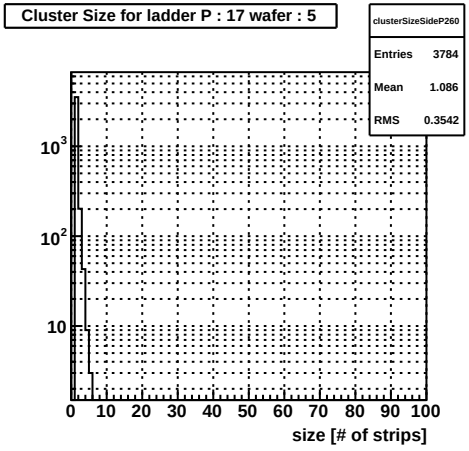

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 12847
Mean 1.052
RMS 0.2687
size [# of strips]

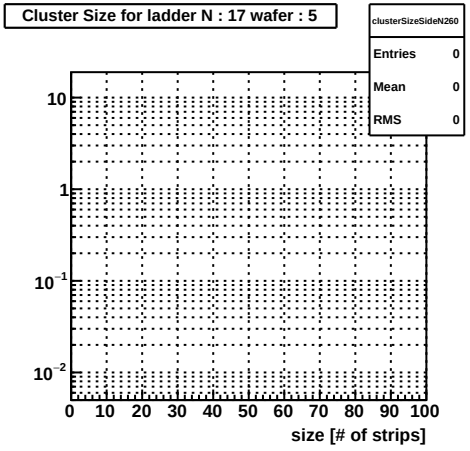

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

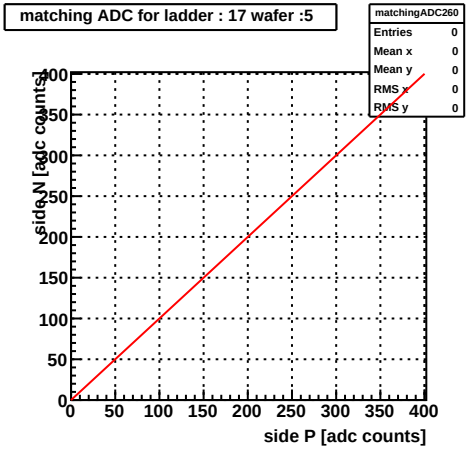

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

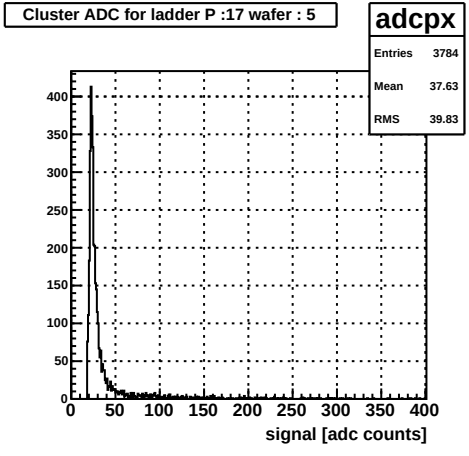

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 12847
Mean 27.18
RMS 23.62
signal [adc counts]

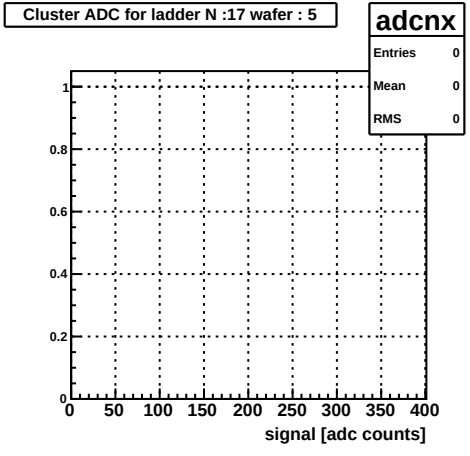

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

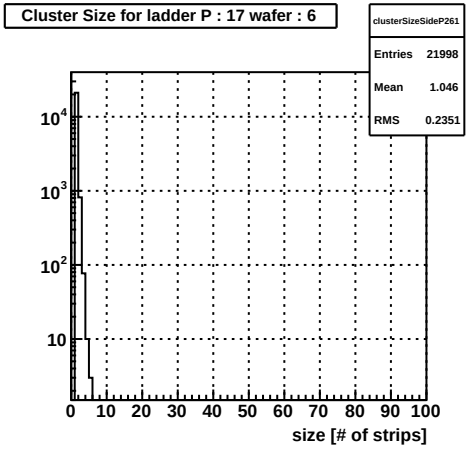

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3784
Mean 1.086
RMS 0.3542
size [# of strips]

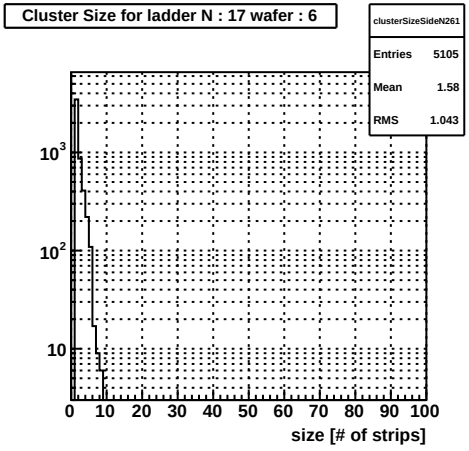

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

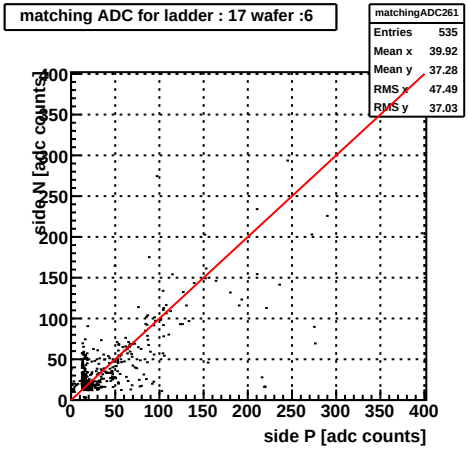

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

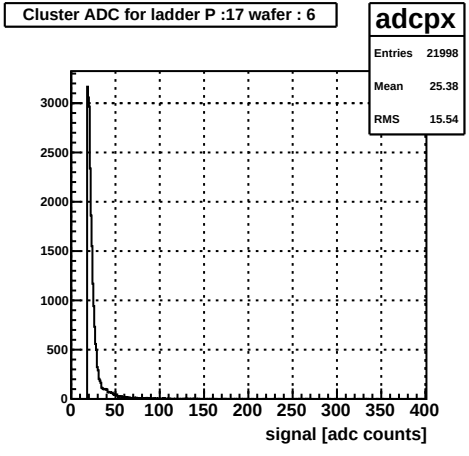

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3784
Mean 37.63
RMS 39.83
signal [adc counts]

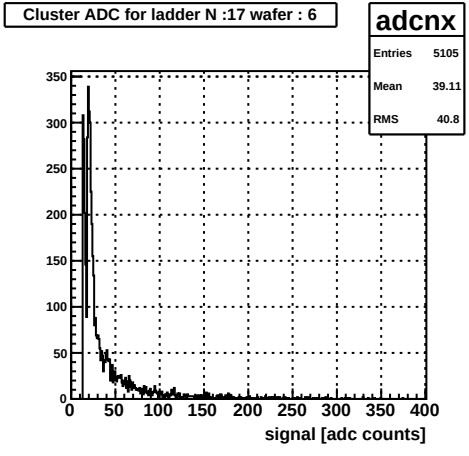

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

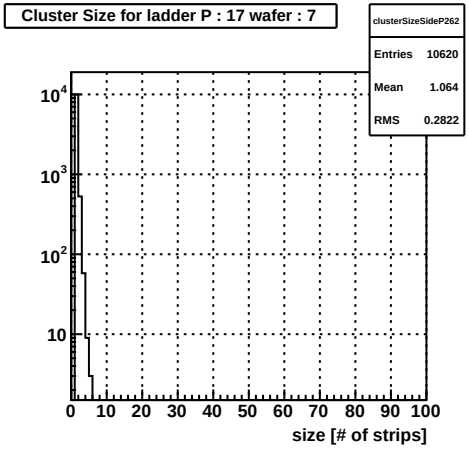

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 21998
Mean 1.046
RMS 0.2351
size [# of strips]

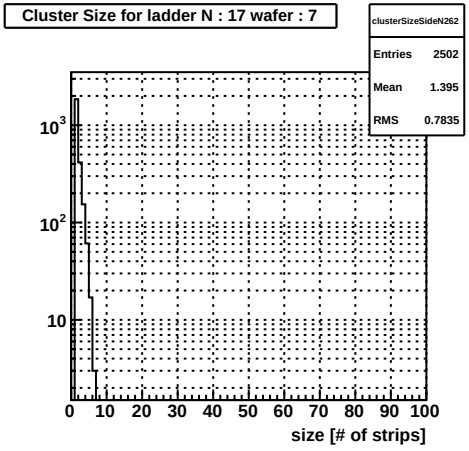

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5105
Mean 1.58
RMS 1.043
size [# of strips]

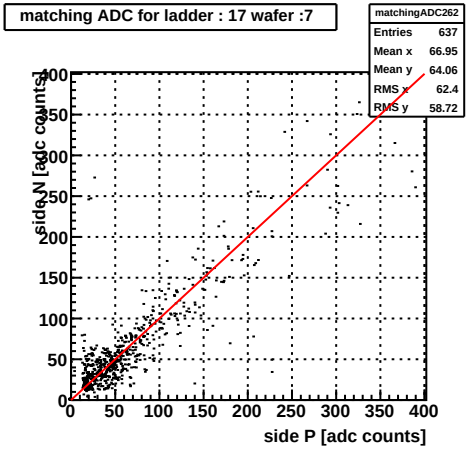

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 535
Mean x 39.92
Mean y 37.28
RMS x 47.49
RMS y 37.03
side N [adc counts]
side P [adc counts]

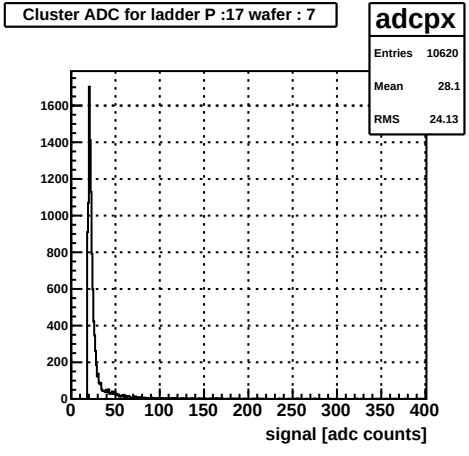

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 21998
Mean 25.38
RMS 15.54
signal [adc counts]

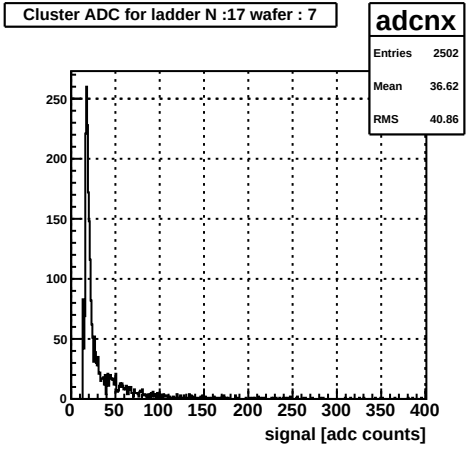

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5105
Mean 39.11
RMS 40.8
signal [adc counts]

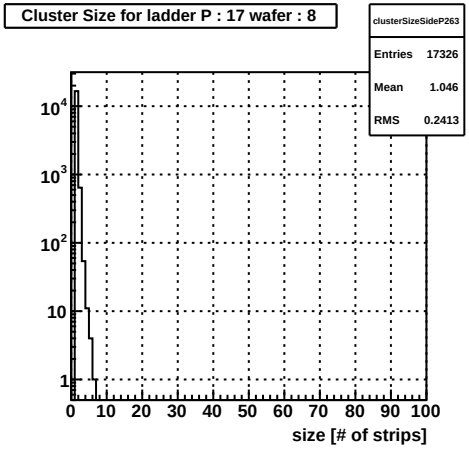

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10620
Mean 1.064
RMS 0.2822
size [# of strips]

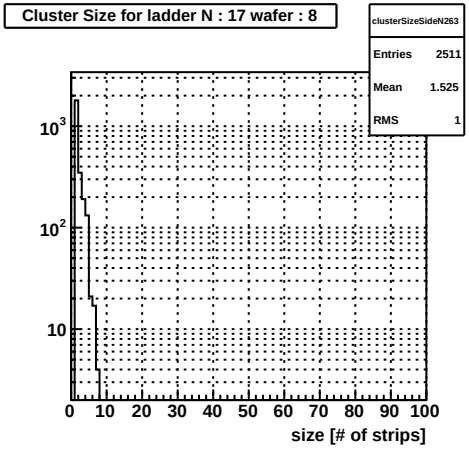

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2502
Mean 1.395
RMS 0.7835
size [# of strips]

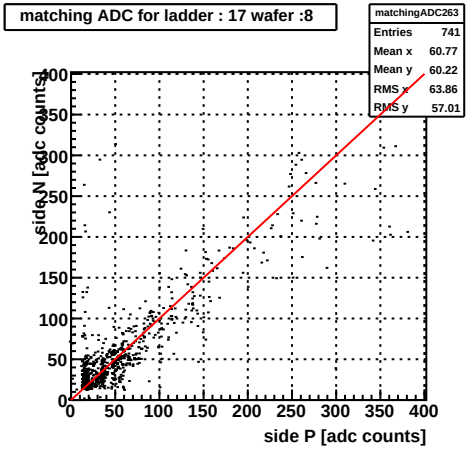

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 637
Mean x 66.95
Mean y 64.06
RMS x 62.4
RMS y 58.72
side N [adc counts]
side P [adc counts]

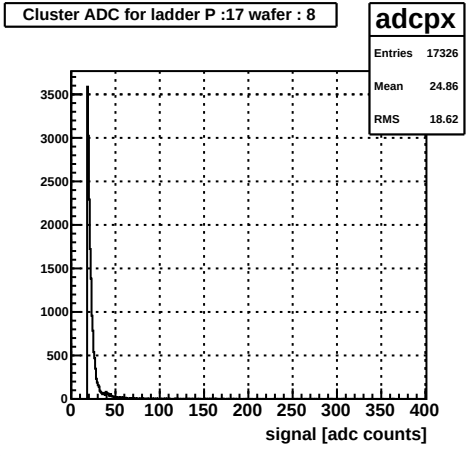

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10620
Mean 28.1
RMS 24.13
signal [adc counts]

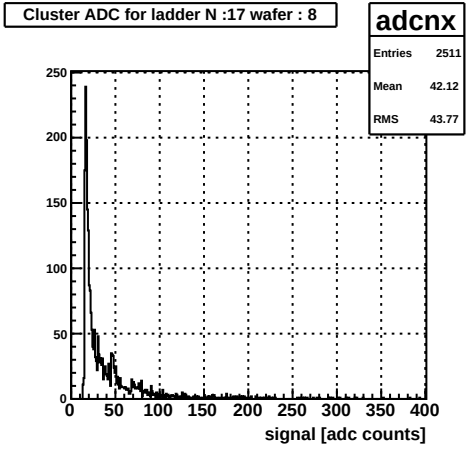

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2502
Mean 36.62
RMS 40.86
signal [adc counts]

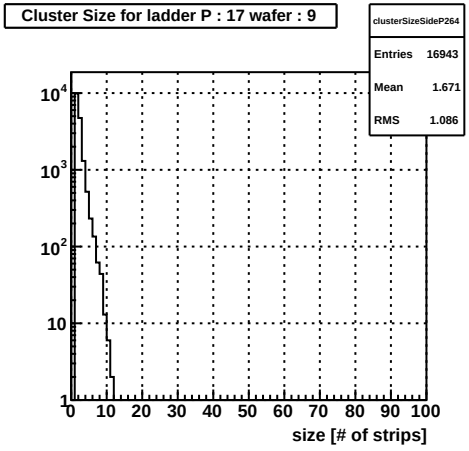

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 17326
Mean 1.046
RMS 0.2413
size [# of strips]

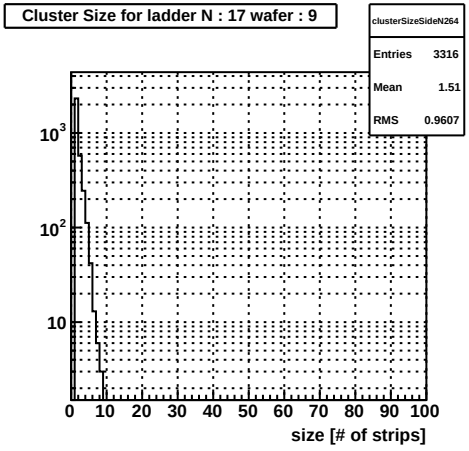

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2511
Mean 1.525
RMS 1
size [# of strips]

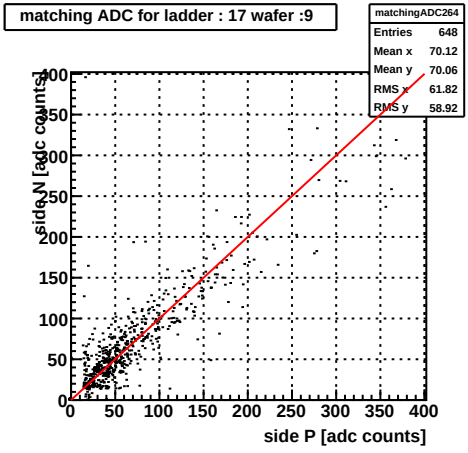

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 741
Mean x 60.77
Mean y 60.22
RMS x 63.86
RMS y 57.01
side N [adc counts]
side P [adc counts]

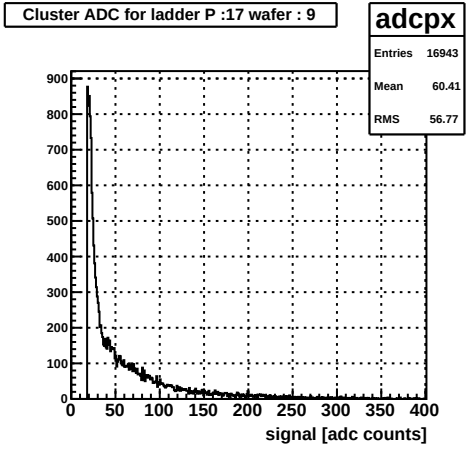

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 17326
Mean 24.86
RMS 18.62
signal [adc counts]

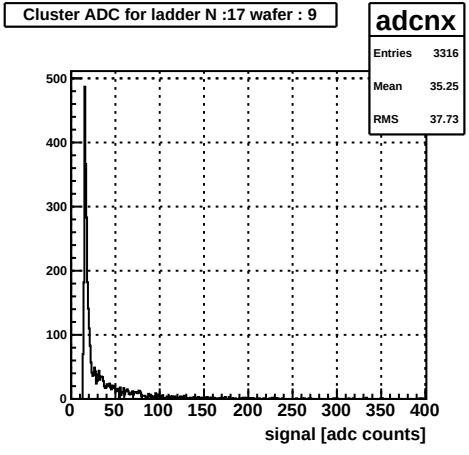

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2511
Mean 42.12
RMS 43.77
signal [adc counts]

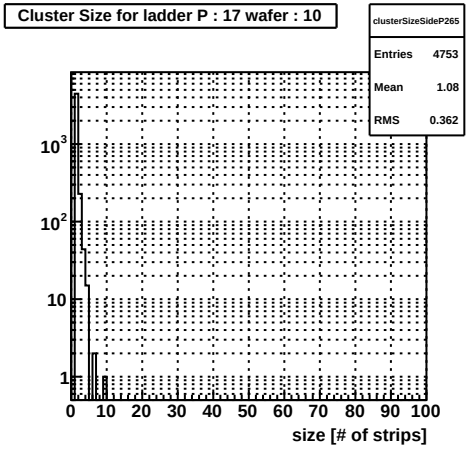

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 16943
Mean 1.671
RMS 1.086
size [# of strips]

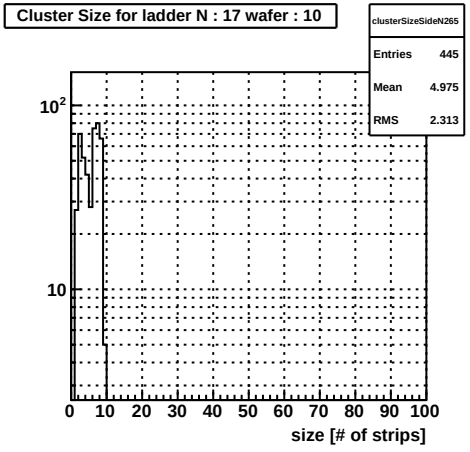

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3316
Mean 1.51
RMS 0.9607
size [# of strips]

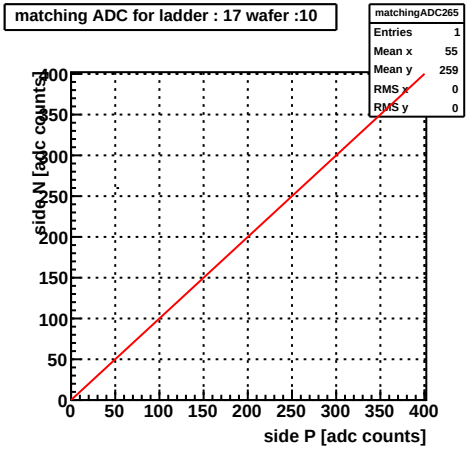

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 648
Mean x 70.12
Mean y 70.06
RMS x 61.82
RMS y 58.92
side N [adc counts]
side P [adc counts]

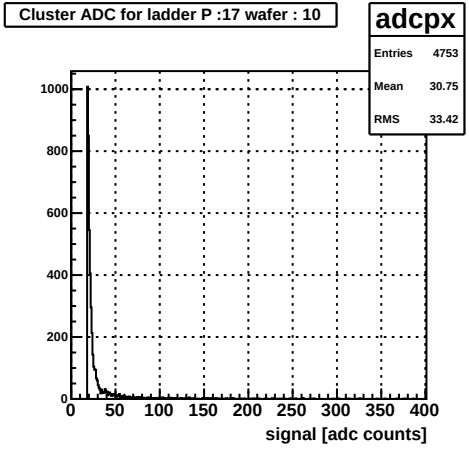

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 16943
Mean 60.41
RMS 56.77
signal [adc counts]

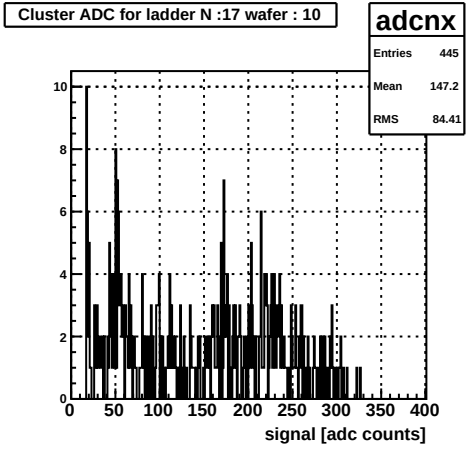

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3316
Mean 35.25
RMS 37.73
signal [adc counts]

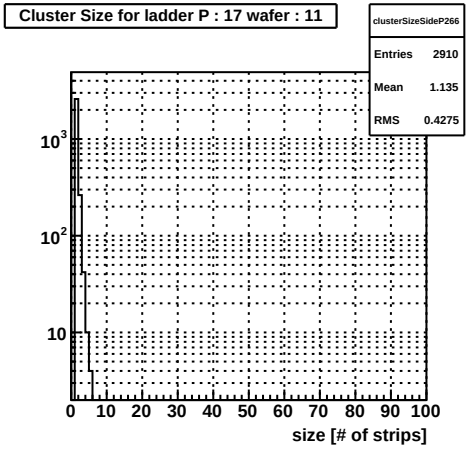

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4753
Mean 1.08
RMS 0.362
size [# of strips]

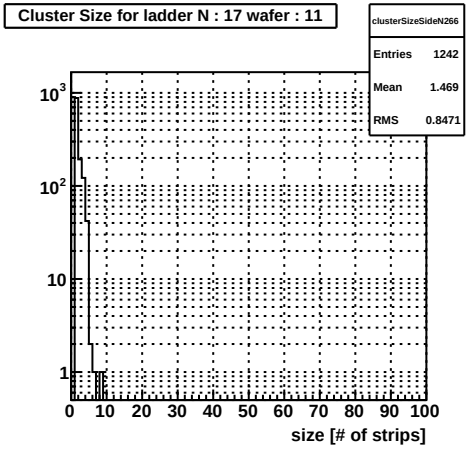

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 445
Mean 4.975
RMS 2.313
size [# of strips]

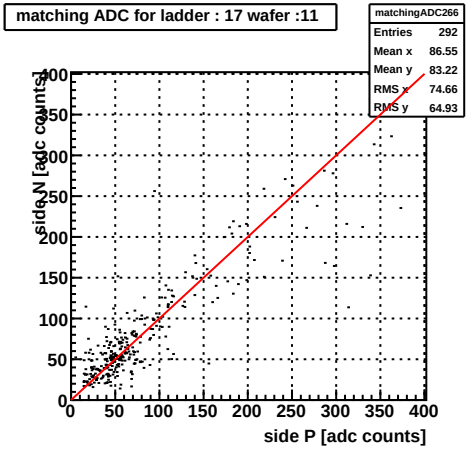

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 55
Mean y 259
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

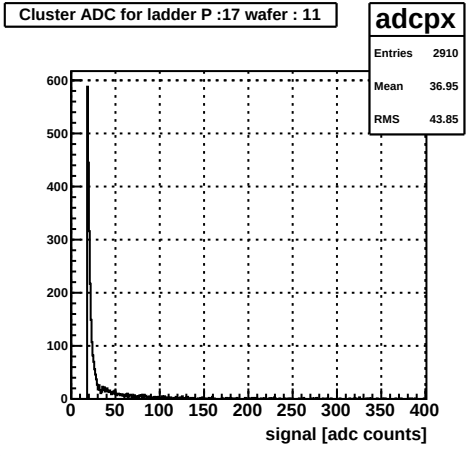

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4753
Mean 30.75
RMS 33.42
signal [adc counts]

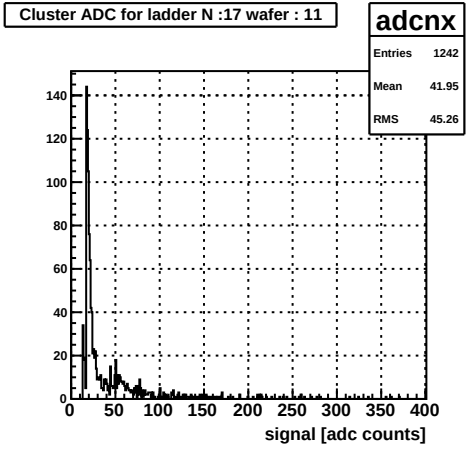

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 445
Mean 147.2
RMS 84.41
signal [adc counts]

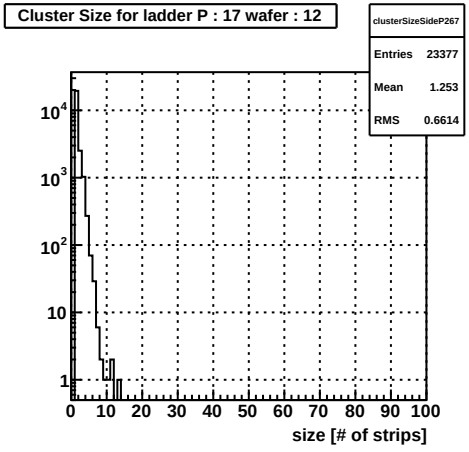

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2910
Mean 1.135
RMS 0.4275
size [# of strips]

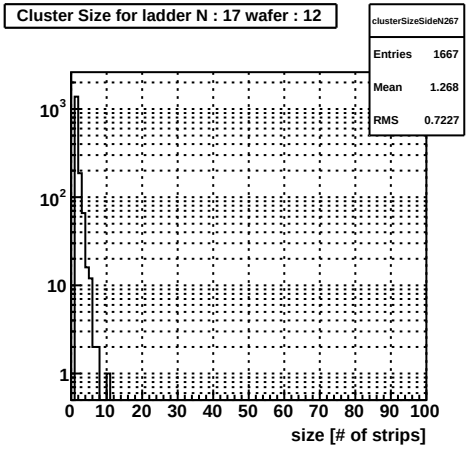

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1242
Mean 1.469
RMS 0.8471
size [# of strips]

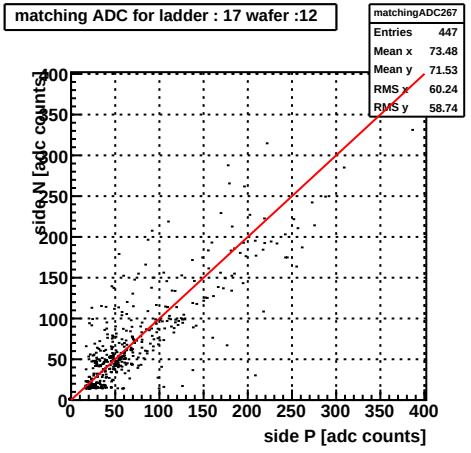

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 292
Mean x 86.55
Mean y 83.22
RMS x 74.66
RMS y 64.93
side N [adc counts]
side P [adc counts]

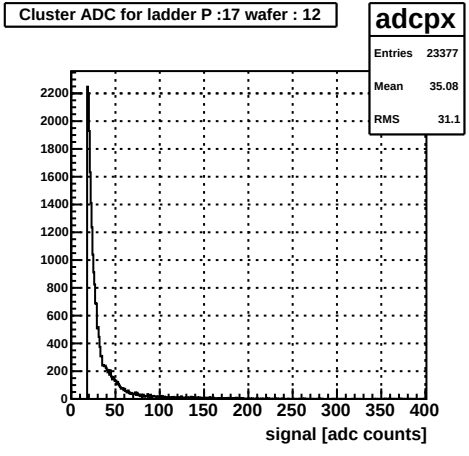

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2910
Mean 36.95
RMS 43.85
signal [adc counts]

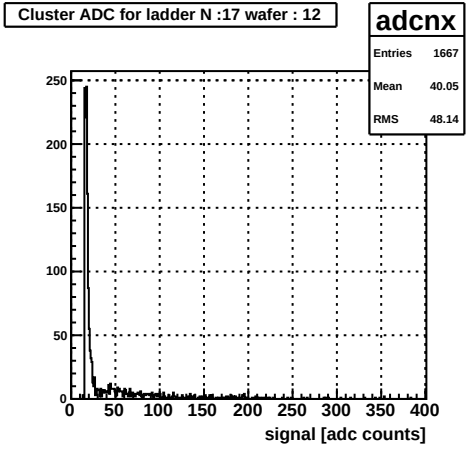

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1242
Mean 41.95
RMS 45.26
signal [adc counts]

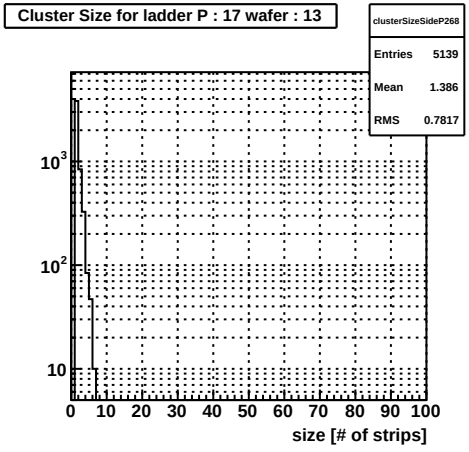

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 23377
Mean 1.253
RMS 0.6614
size [# of strips]

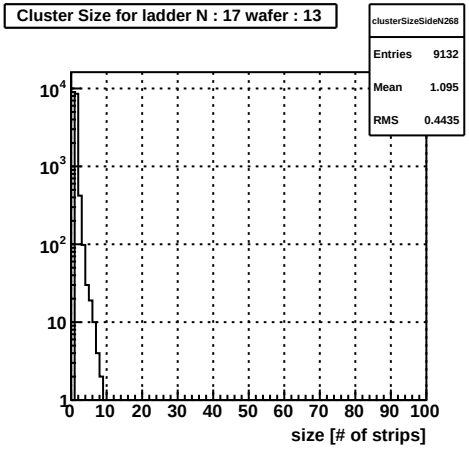

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1667
Mean 1.268
RMS 0.7227
size [# of strips]

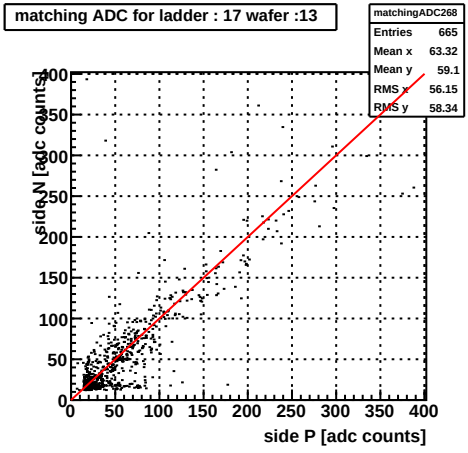

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 447
Mean x 73.48
Mean y 71.53
RMS x 60.24
RMS y 58.74
side N [adc counts]
side P [adc counts]

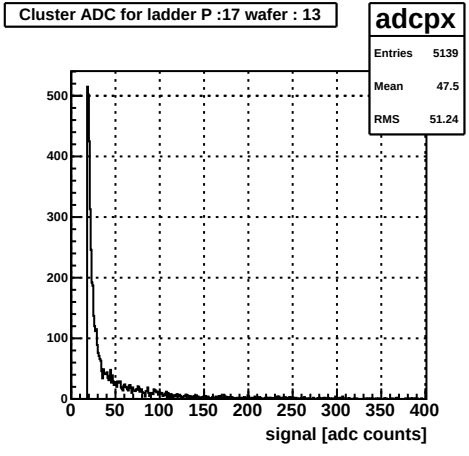

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 23377
Mean 35.08
RMS 31.1
signal [adc counts]

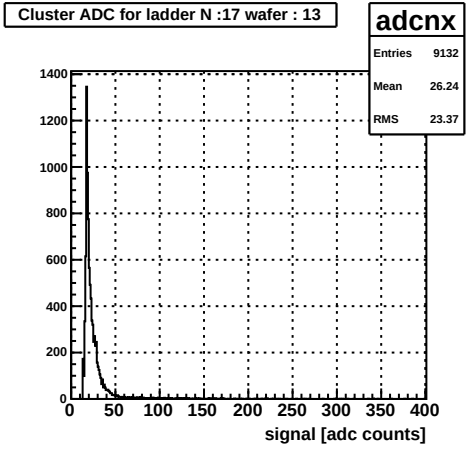

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1667
Mean 40.05
RMS 48.14
signal [adc counts]

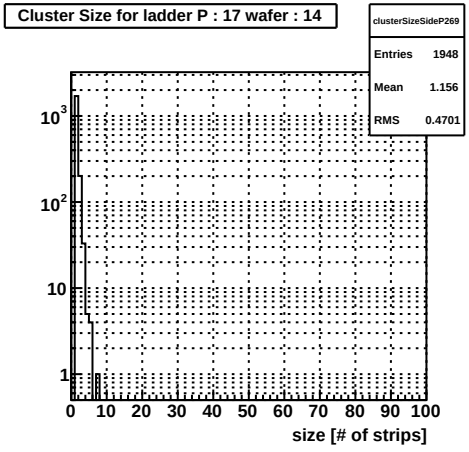

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5139
Mean 1.386
RMS 0.7817
size [# of strips]

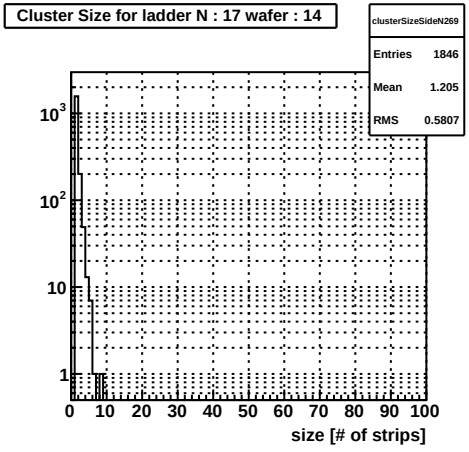

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9132
Mean 1.095
RMS 0.4435
size [# of strips]

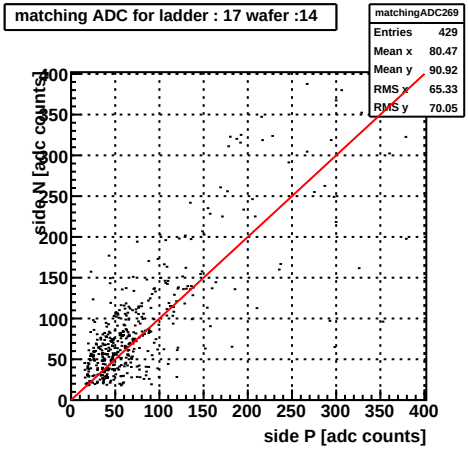

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 665
Mean x 63.32
Mean y 59.1
RMS x 56.15
RMS y 58.34
side N [adc counts]
side P [adc counts]

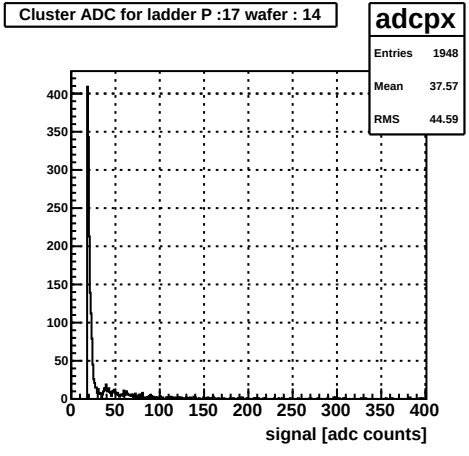

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5139
Mean 47.5
RMS 51.24
signal [adc counts]

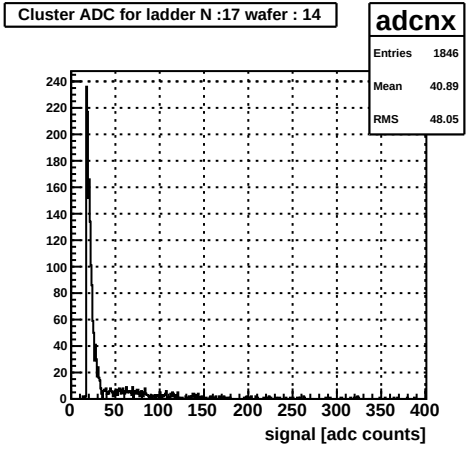

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9132
Mean 26.24
RMS 23.37
signal [adc counts]

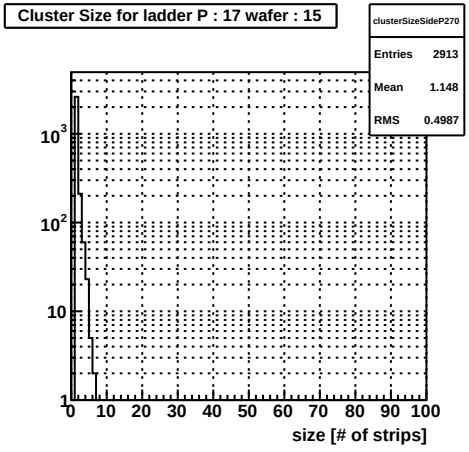

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1948
Mean 1.156
RMS 0.4701
size [# of strips]

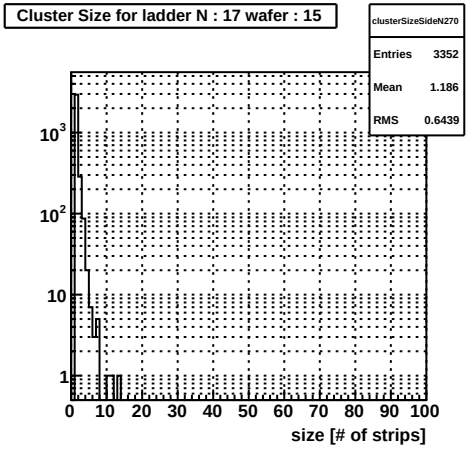

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1846
Mean 1.205
RMS 0.5807
size [# of strips]

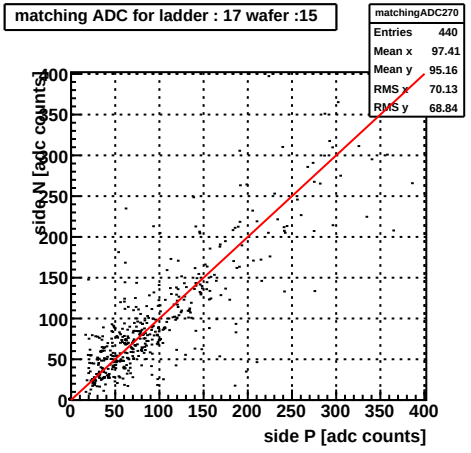

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 429
Mean x 80.47
Mean y 90.92
RMS x 65.33
RMS y 70.05
side N [adc counts]
side P [adc counts]

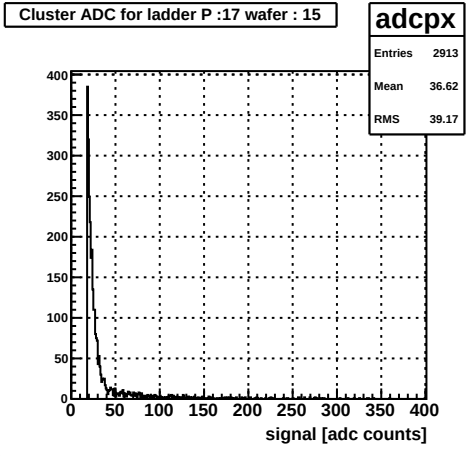

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1948
Mean 37.57
RMS 44.59
signal [adc counts]

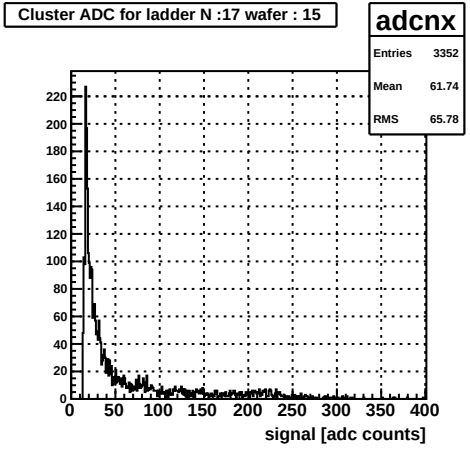

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1846
Mean 40.89
RMS 48.05
signal [adc counts]

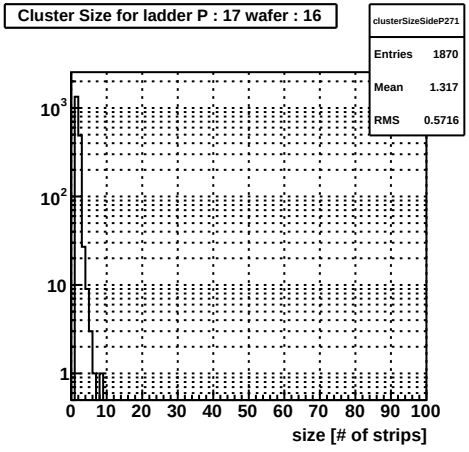

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2913
Mean 1.148
RMS 0.4987
size [# of strips]

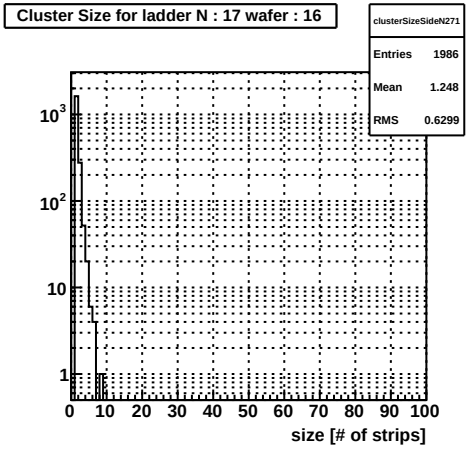

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3352
Mean 1.186
RMS 0.6439
size [# of strips]

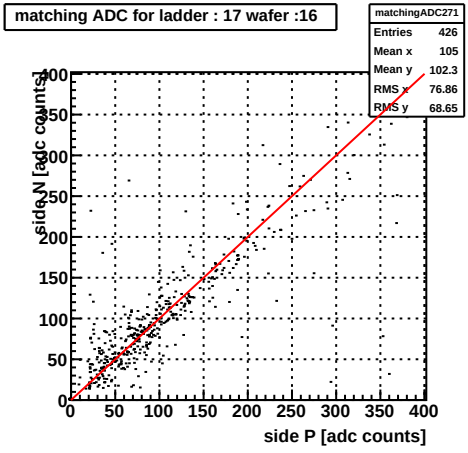

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 440
Mean x 97.41
Mean y 95.16
RMS x 70.13
RMS y 68.84
side N [adc counts]
side P [adc counts]

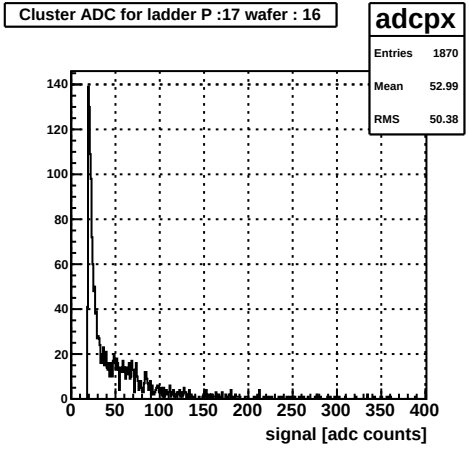

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2913
Mean 36.62
RMS 39.17
signal [adc counts]

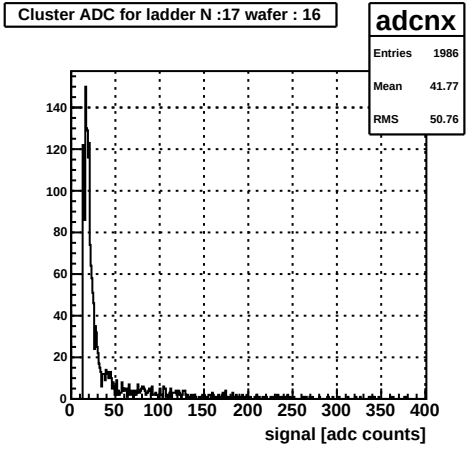

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3352
Mean 61.74
RMS 65.78
signal [adc counts]

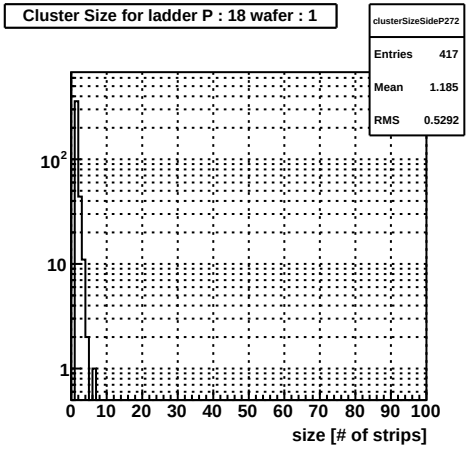

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1870
Mean 1.317
RMS 0.5716
size [# of strips]

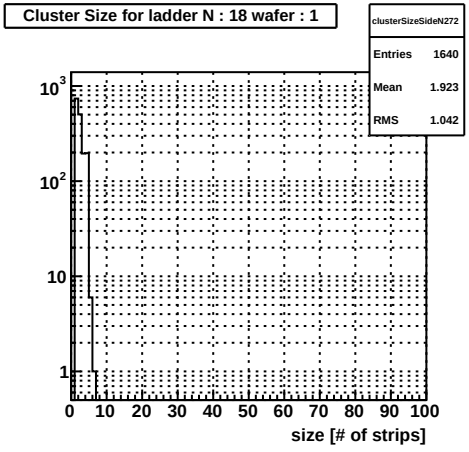

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1986
Mean 1.248
RMS 0.6299
size [# of strips]

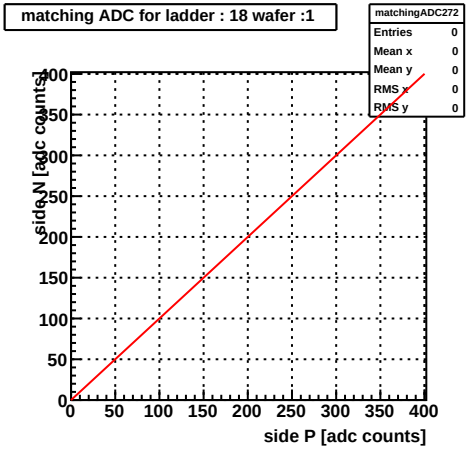

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 426
Mean x 105
Mean y 102.3
RMS x 76.86
RMS y 68.65
side N [adc counts]
side P [adc counts]

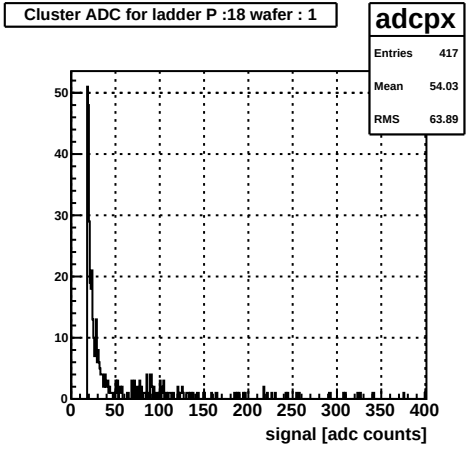

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1870
Mean 52.99
RMS 50.38
signal [adc counts]

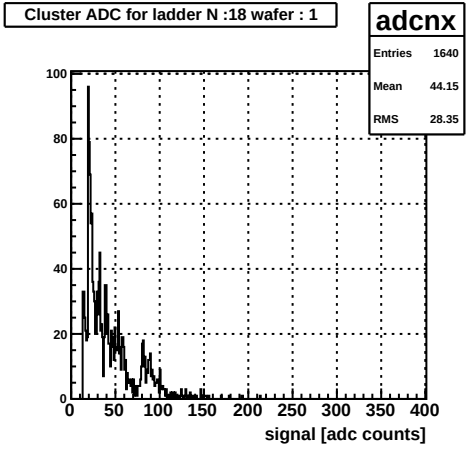

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1986
Mean 41.77
RMS 50.76
signal [adc counts]

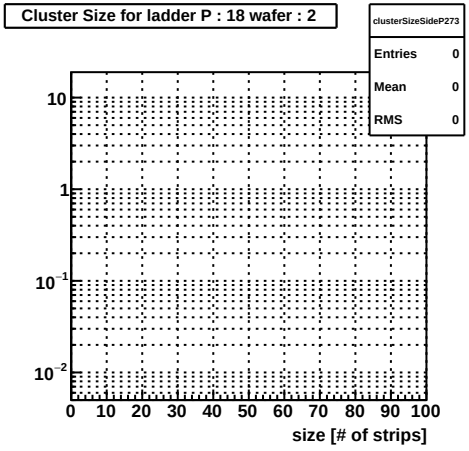

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 417
Mean 1.185
RMS 0.5292
size [# of strips]

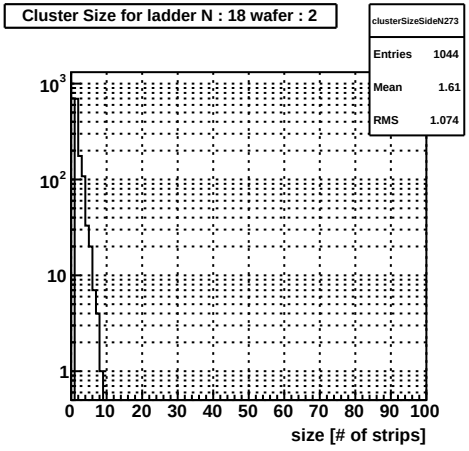

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1640
Mean 1.923
RMS 1.042
size [# of strips]

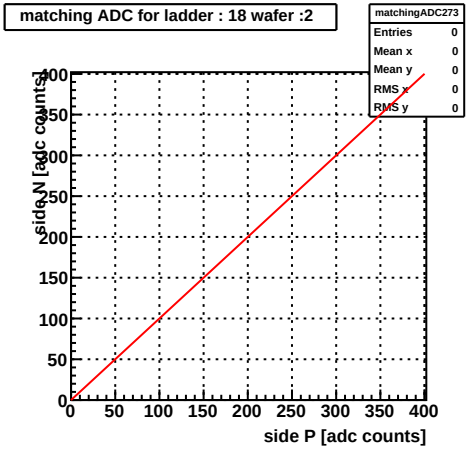

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

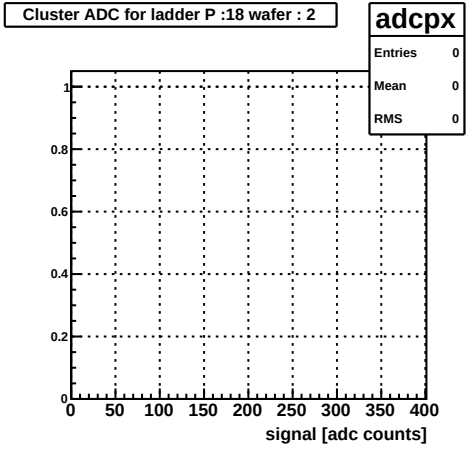

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 417
Mean 54.03
RMS 63.89
signal [adc counts]

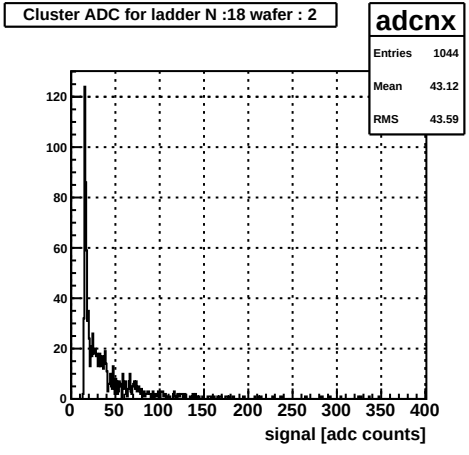

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1640
Mean 44.15
RMS 28.35
signal [adc counts]

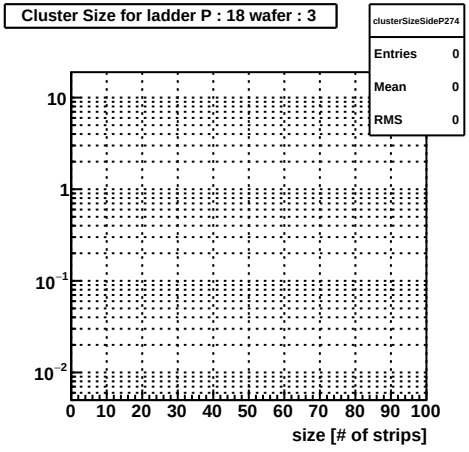

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

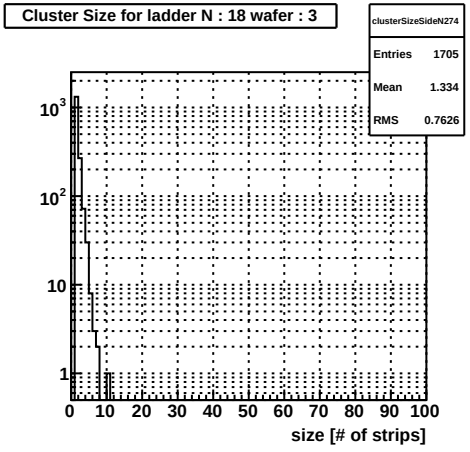

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1044
Mean 1.61
RMS 1.074
size [# of strips]

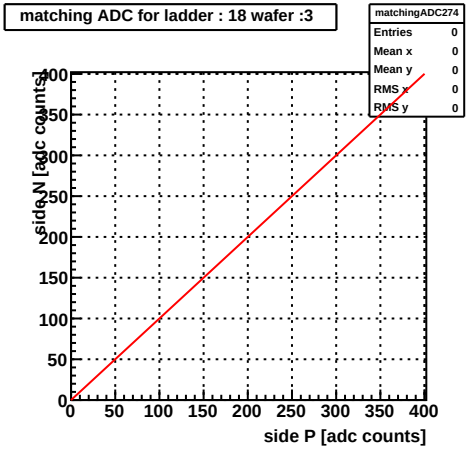

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

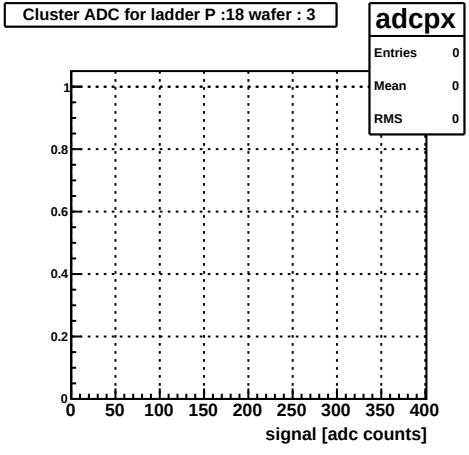

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

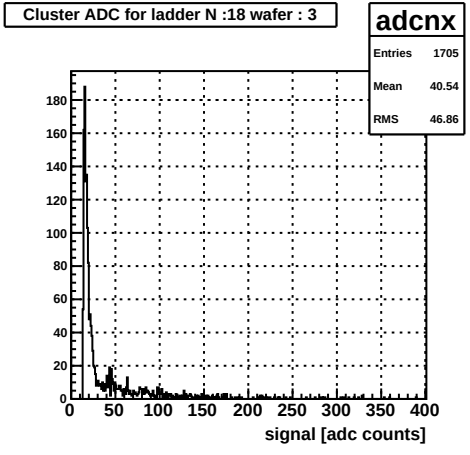

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1044
Mean 43.12
RMS 43.59
signal [adc counts]

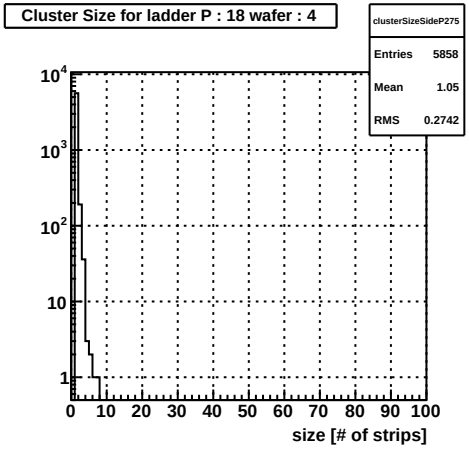

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

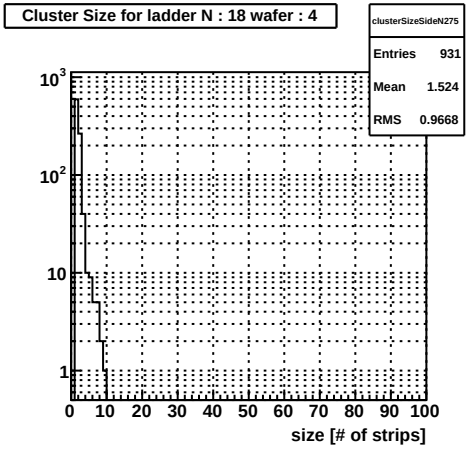

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1705
Mean 1.334
RMS 0.7626
size [# of strips]

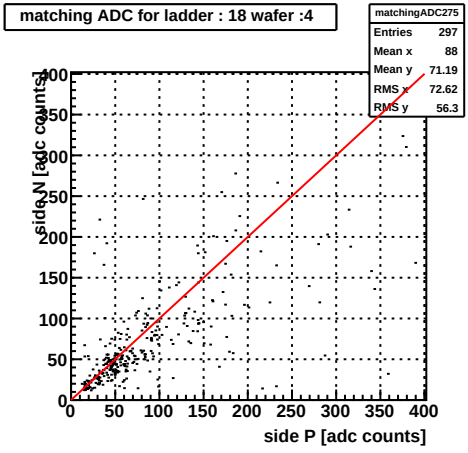

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

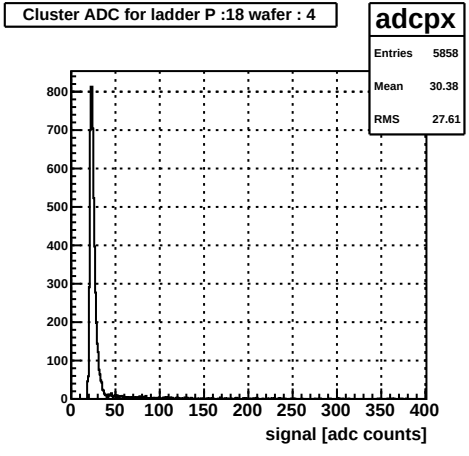

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

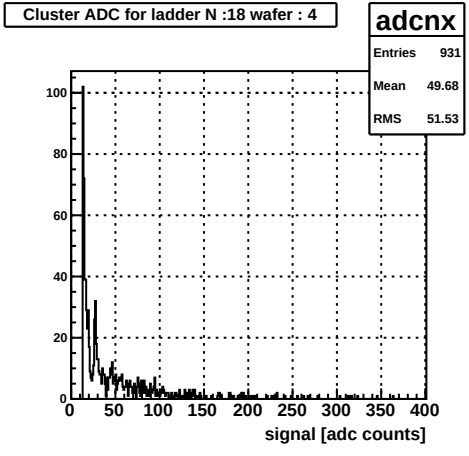

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1705
Mean 40.54
RMS 46.86
signal [adc counts]

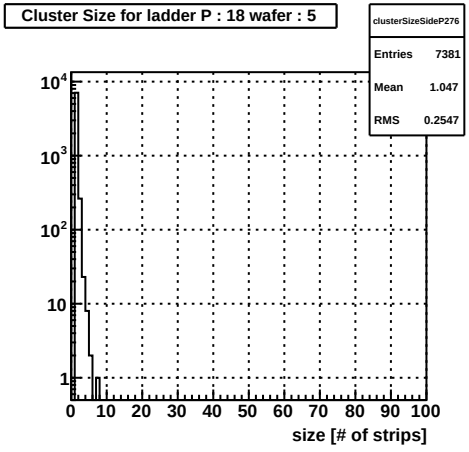

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 5858
Mean 1.05
RMS 0.2742
size [# of strips]

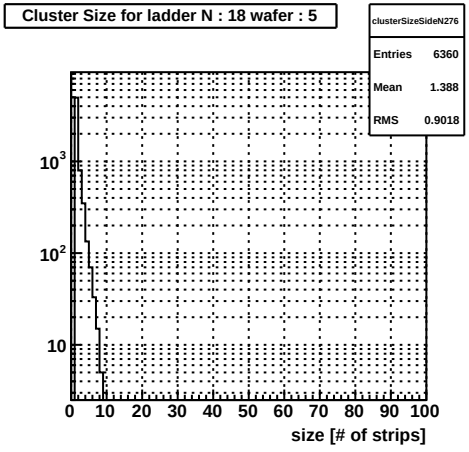

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 931
Mean 1.524
RMS 0.9668
size [# of strips]

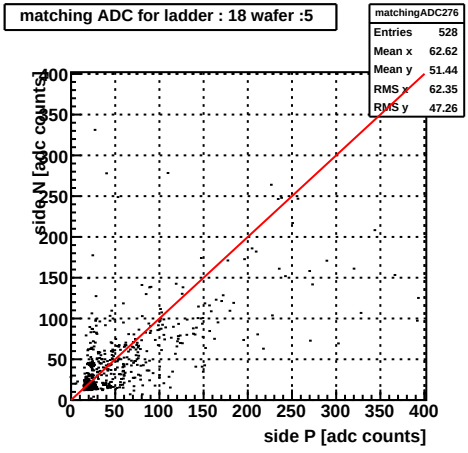

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 297
Mean x 88
Mean y 71.19
RMS x 72.62
RMS y 56.3
side N [adc counts]
side P [adc counts]

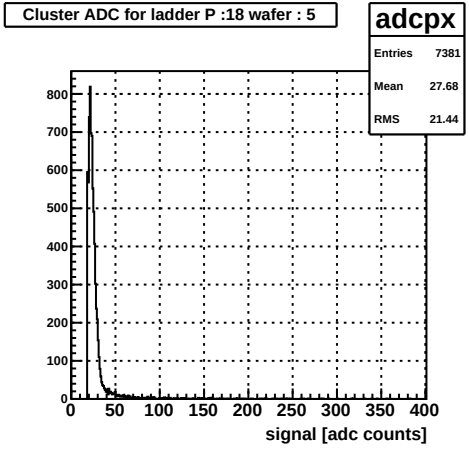

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 5858
Mean 30.38
RMS 27.61
signal [adc counts]

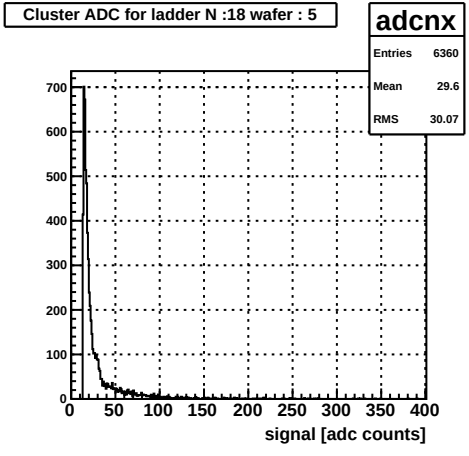

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 931
Mean 49.68
RMS 51.53
signal [adc counts]

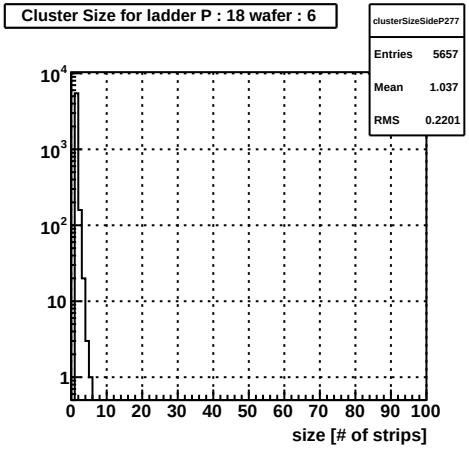

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7381
Mean 1.047
RMS 0.2547
size [# of strips]

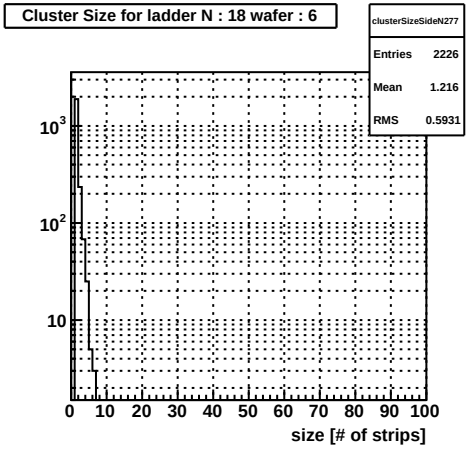

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 6360
Mean 1.388
RMS 0.9018
size [# of strips]

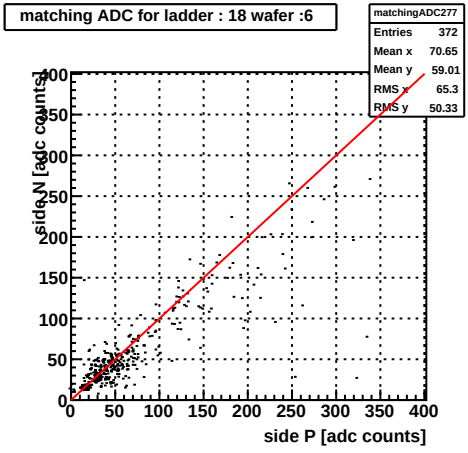

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 528
Mean x 62.62
Mean y 51.44
RMS x 62.35
RMS y 47.26
side N [adc counts]
side P [adc counts]

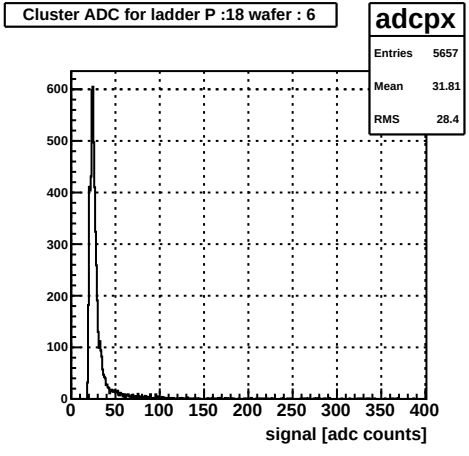

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7381
Mean 27.68
RMS 21.44
signal [adc counts]

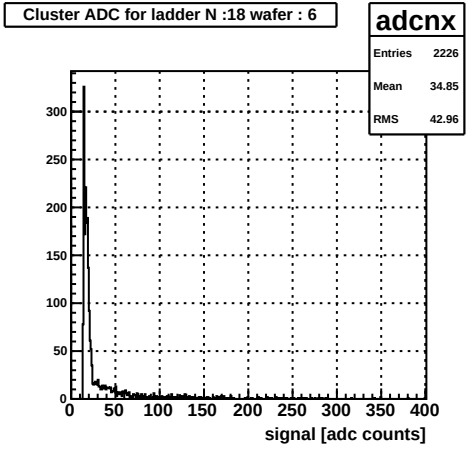

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 6360
Mean 29.6
RMS 30.07
signal [adc counts]

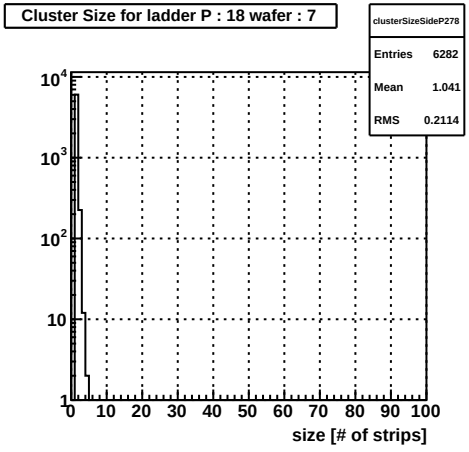

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 5657
Mean 1.037
RMS 0.2201
size [# of strips]

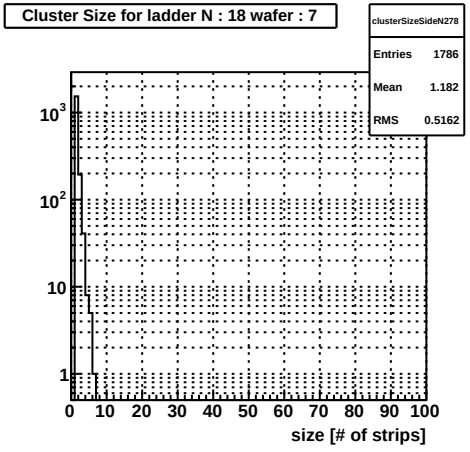

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2226
Mean 1.216
RMS 0.5931
size [# of strips]

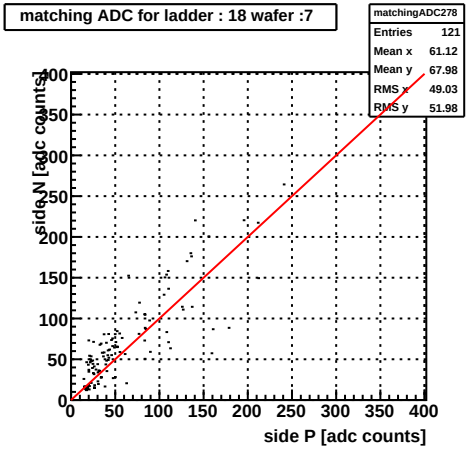

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 372
Mean x 70.65
Mean y 59.01
RMS x 65.3
RMS y 50.33
side N [adc counts]
side P [adc counts]

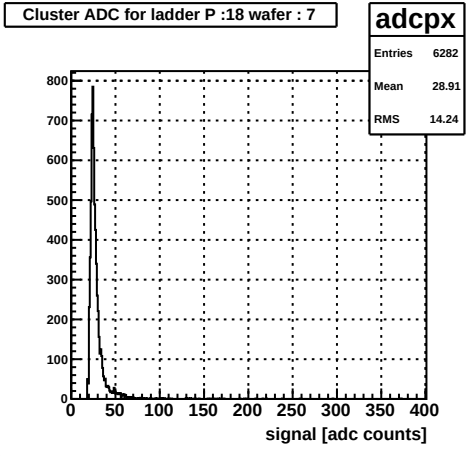

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 5657
Mean 31.81
RMS 28.4
signal [adc counts]

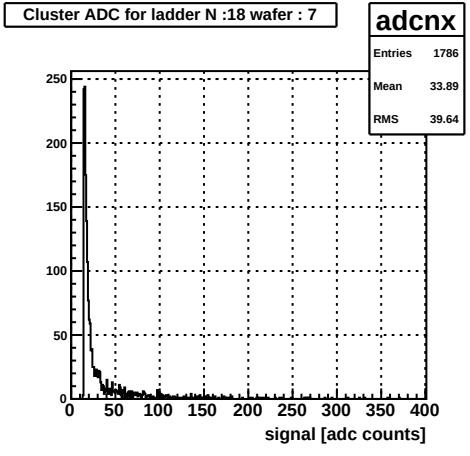

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2226
Mean 34.85
RMS 42.96
signal [adc counts]

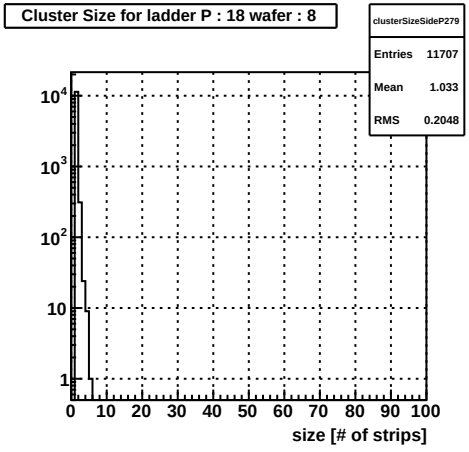

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6282
Mean 1.041
RMS 0.2114
size [# of strips]

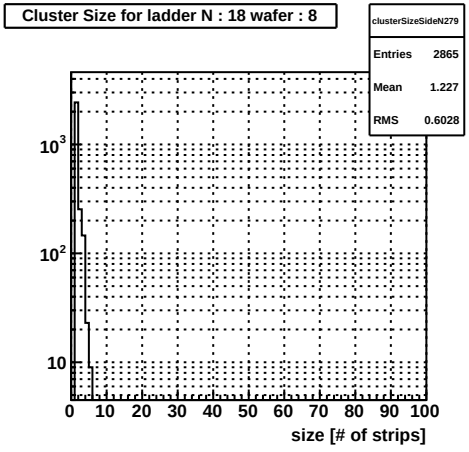

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1786
Mean 1.182
RMS 0.5162
size [# of strips]

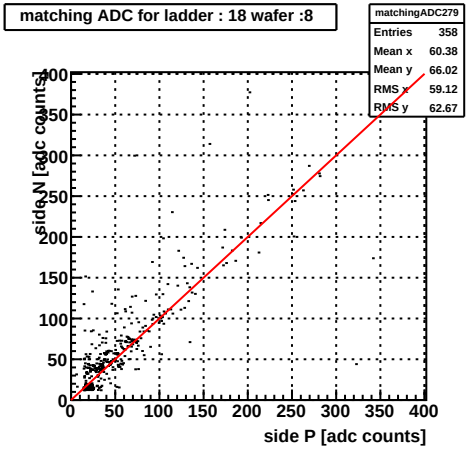

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 121
Mean x 61.12
Mean y 67.98
RMS x 49.03
RMS y 51.98
side N [adc counts]
side P [adc counts]

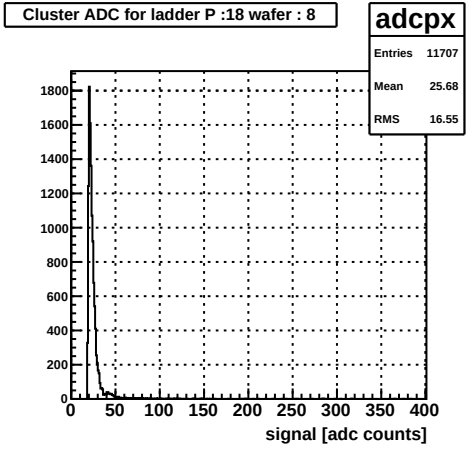

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6282
Mean 28.91
RMS 14.24
signal [adc counts]

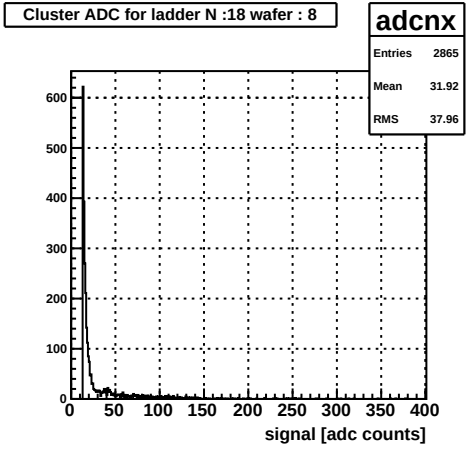

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1786
Mean 33.89
RMS 39.64
signal [adc counts]

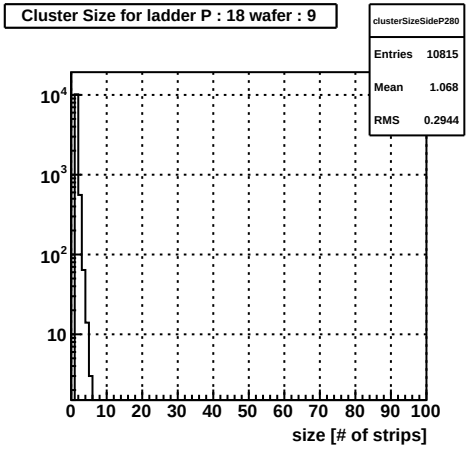

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 11707
Mean 1.033
RMS 0.2048
size [# of strips]

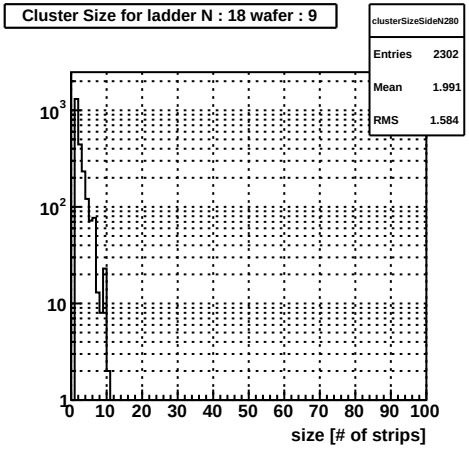

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2865
Mean 1.227
RMS 0.6028
size [# of strips]

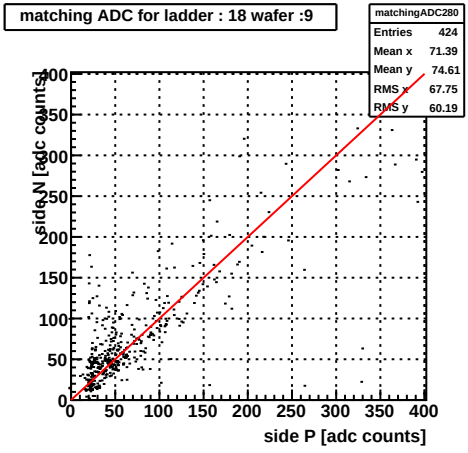

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 358
Mean x 60.38
Mean y 66.02
RMS x 59.12
RMS y 62.67
side N [adc counts]
side P [adc counts]

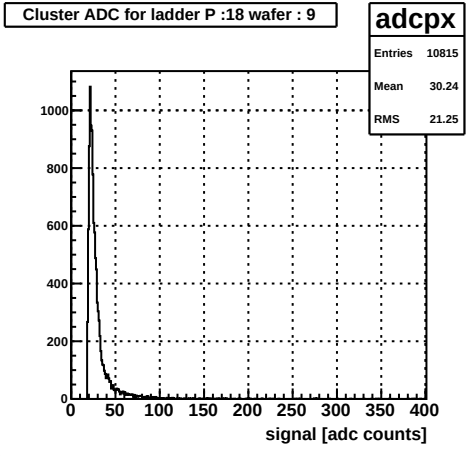

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 11707
Mean 25.68
RMS 16.55
signal [adc counts]

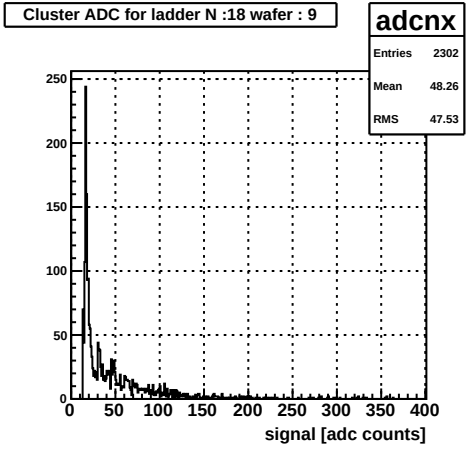

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2865
Mean 31.92
RMS 37.96
signal [adc counts]

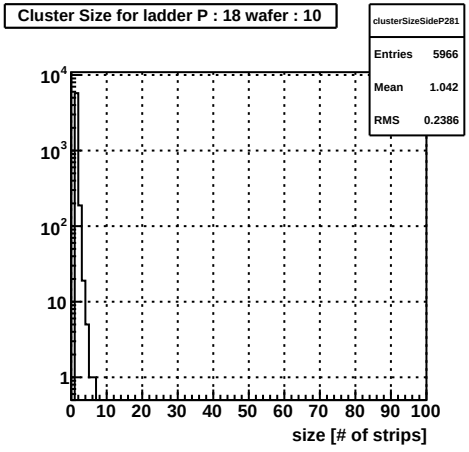

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10815
Mean 1.068
RMS 0.2944
size [# of strips]

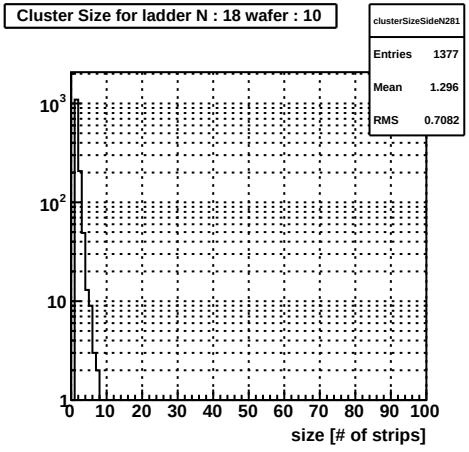

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2302
Mean 1.991
RMS 1.584
size [# of strips]

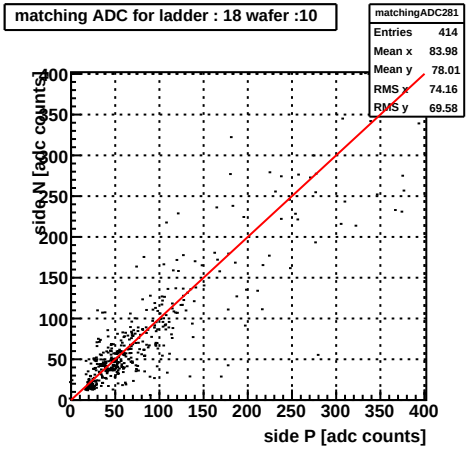

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 424
Mean x 71.39
Mean y 74.61
RMS x 67.75
RMS y 60.19
side N [adc counts]
side P [adc counts]

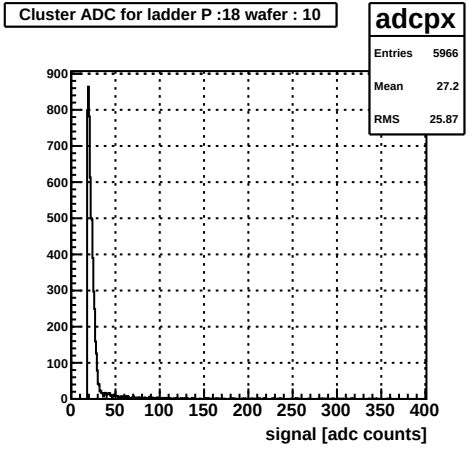

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10815
Mean 30.24
RMS 21.25
signal [adc counts]

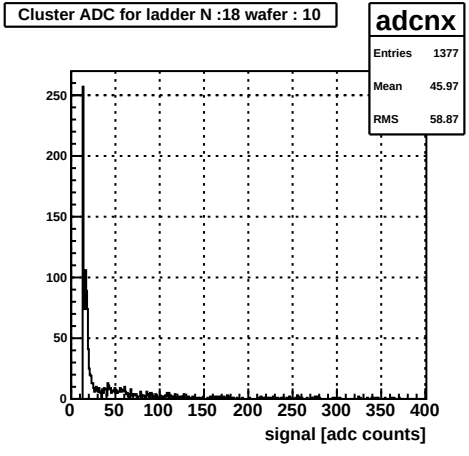

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2302
Mean 48.26
RMS 47.53
signal [adc counts]

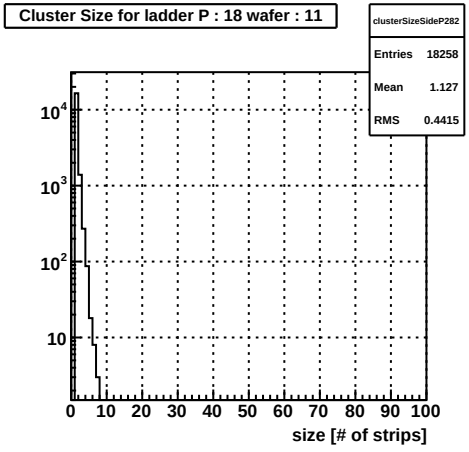

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 5966
Mean 1.042
RMS 0.2386
size [# of strips]

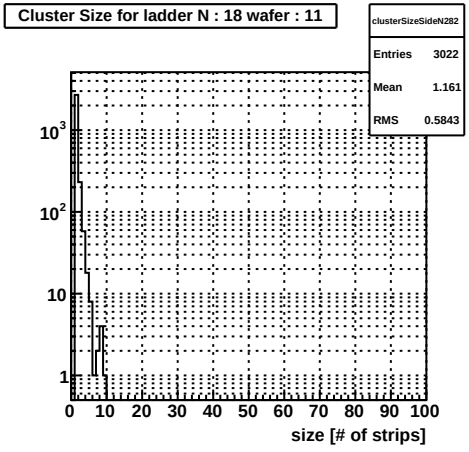

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1377
Mean 1.296
RMS 0.7082
size [# of strips]

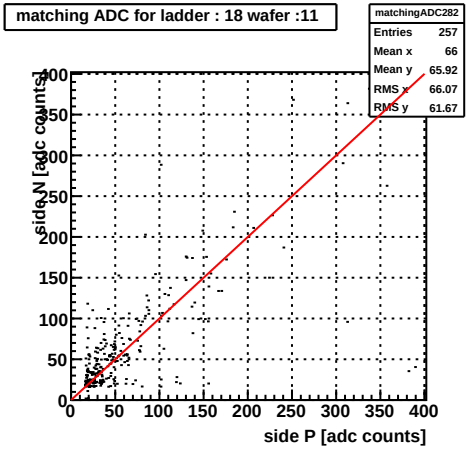

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 414
Mean x 83.98
Mean y 78.01
RMS x 74.16
RMS y 69.58
side N [adc counts]
side P [adc counts]

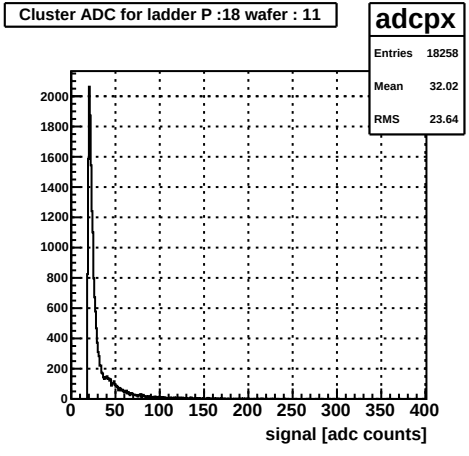

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 5966
Mean 27.2
RMS 25.87
signal [adc counts]

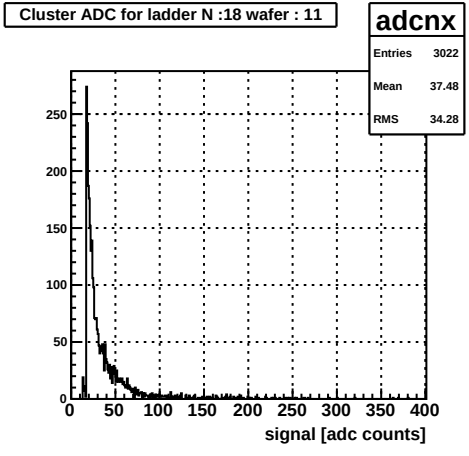

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1377
Mean 45.97
RMS 58.87
signal [adc counts]

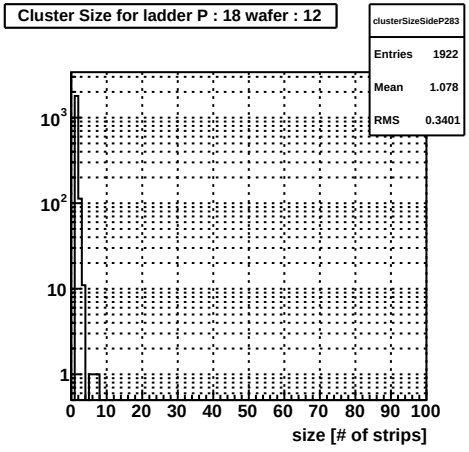

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 18258
Mean 1.127
RMS 0.4415
size [# of strips]

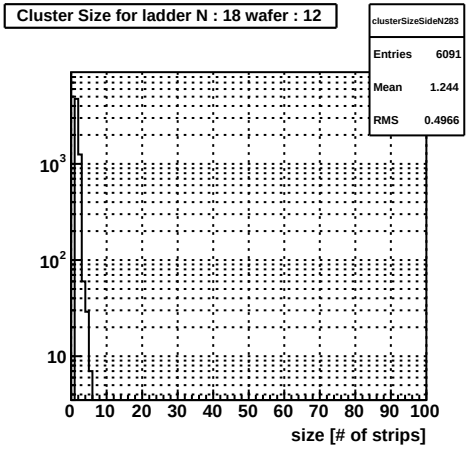

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3022
Mean 1.161
RMS 0.5843
size [# of strips]

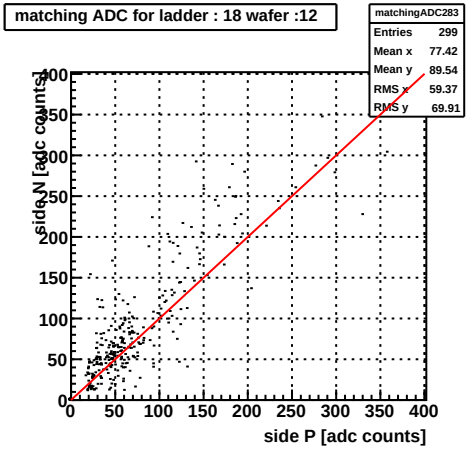

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 257
Mean x 66
Mean y 65.92
RMS x 66.07
RMS y 61.67
side N [adc counts]
side P [adc counts]

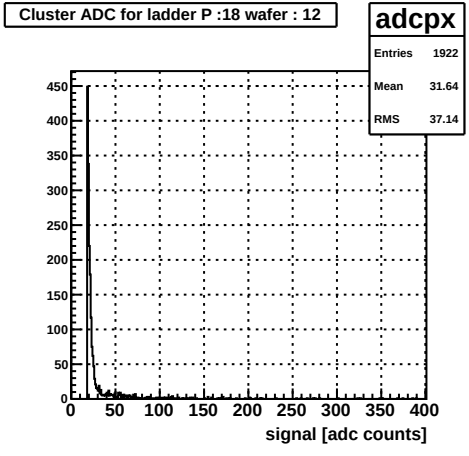

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 18258
Mean 32.02
RMS 23.64
signal [adc counts]

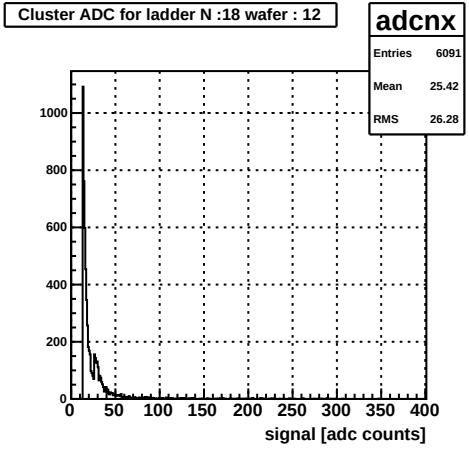

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3022
Mean 37.48
RMS 34.28
signal [adc counts]

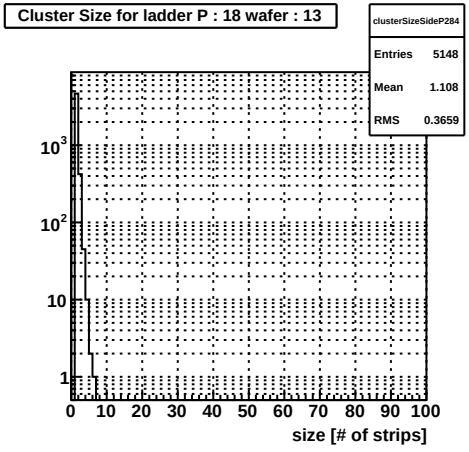

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1922
Mean 1.078
RMS 0.3401
size [# of strips]

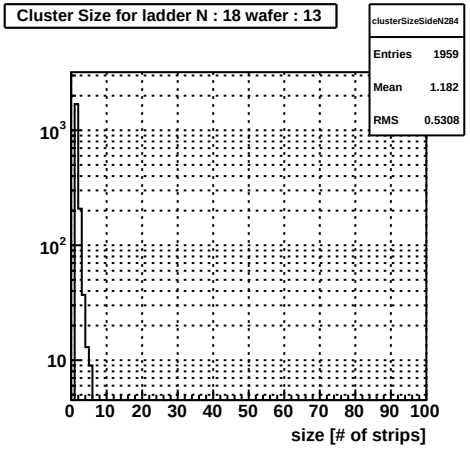

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6091
Mean 1.244
RMS 0.4966
size [# of strips]

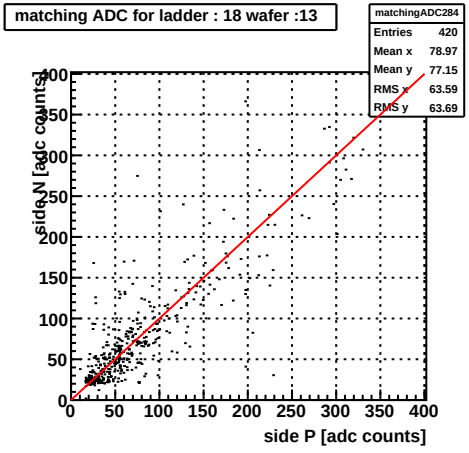

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 299
Mean x 77.42
Mean y 89.54
RMS x 59.37
RMS y 69.91
side N [adc counts]
side P [adc counts]

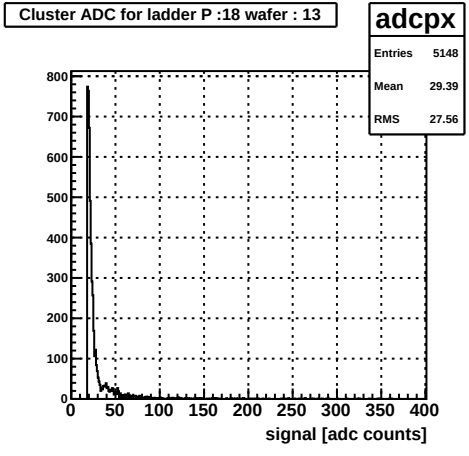

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1922
Mean 31.64
RMS 37.14
signal [adc counts]

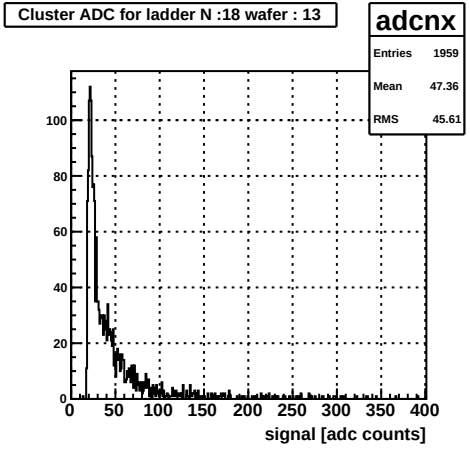

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6091
Mean 25.42
RMS 26.28
signal [adc counts]

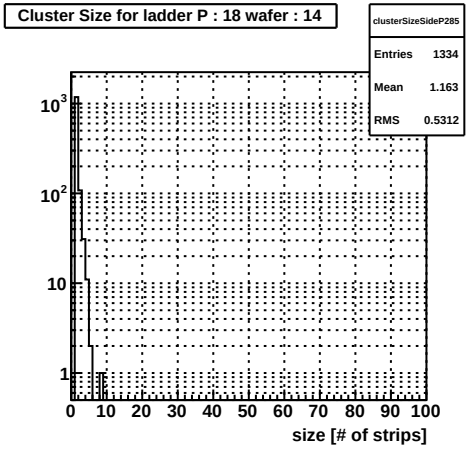

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5148
Mean 1.108
RMS 0.3659
size [# of strips]

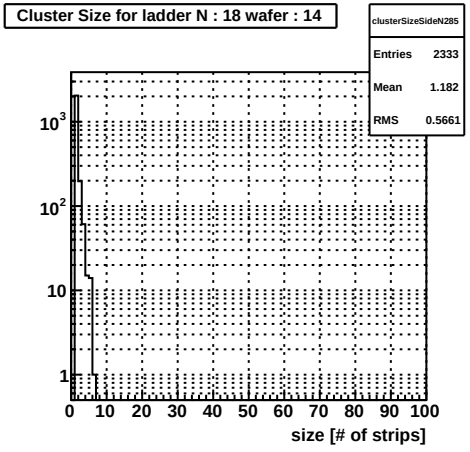

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1959
Mean 1.182
RMS 0.5308
size [# of strips]

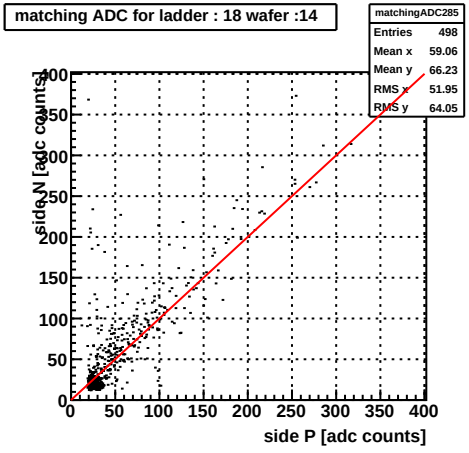

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 420
Mean x 78.97
Mean y 77.15
RMS x 63.59
RMS y 63.69
side N [adc counts]
side P [adc counts]

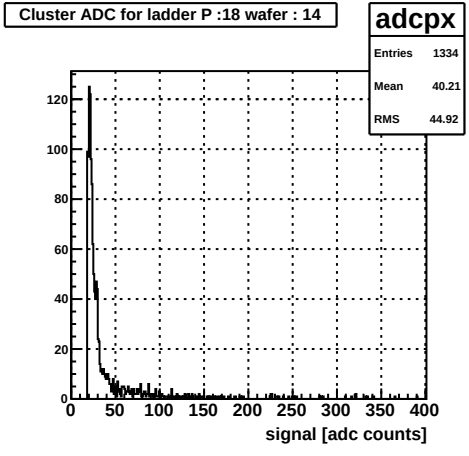

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5148
Mean 29.39
RMS 27.56
signal [adc counts]

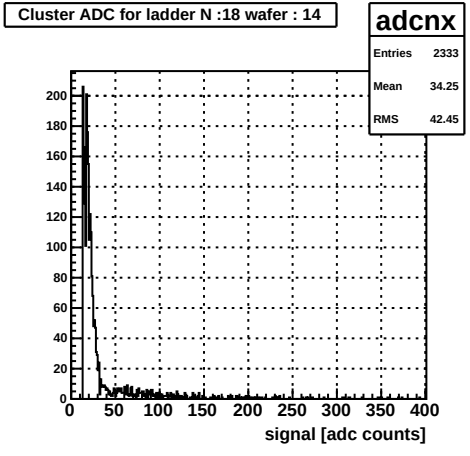

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1959
Mean 47.36
RMS 45.61
signal [adc counts]

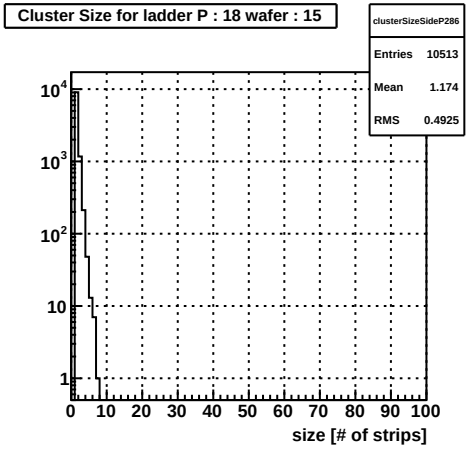

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1334
Mean 1.163
RMS 0.5312
size [# of strips]

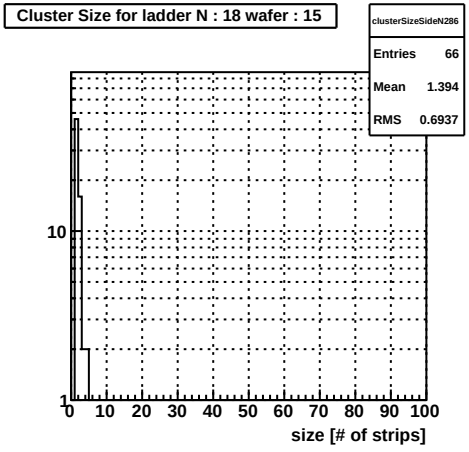

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2333
Mean 1.182
RMS 0.5661
size [# of strips]

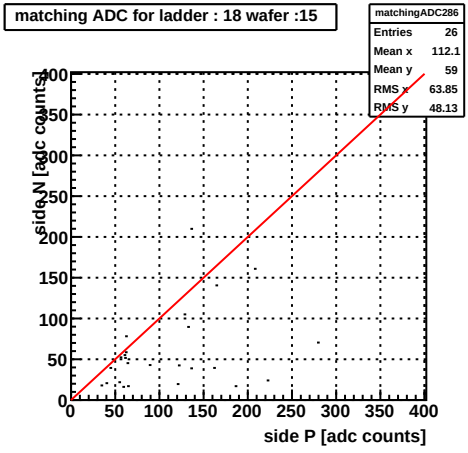

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 498
Mean x 59.06
Mean y 66.23
RMS x 51.95
RMS y 64.05
side N [adc counts]
side P [adc counts]

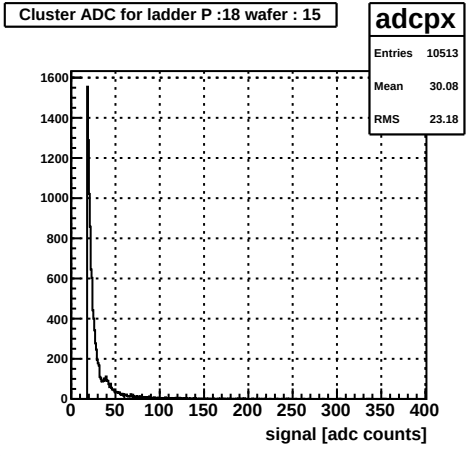

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1334
Mean 40.21
RMS 44.92
signal [adc counts]

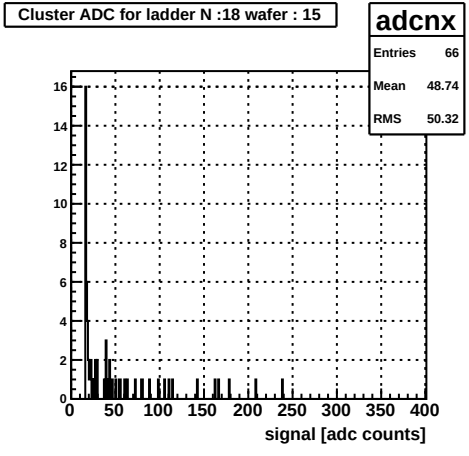

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2333
Mean 34.25
RMS 42.45
signal [adc counts]

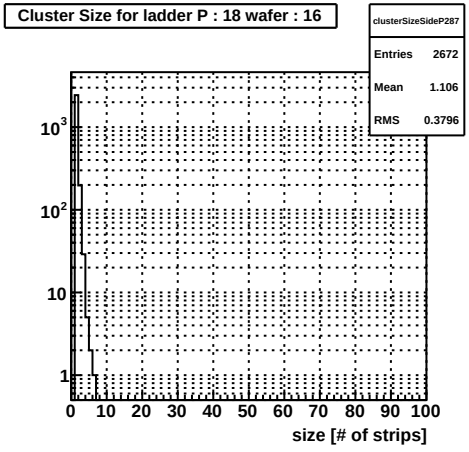

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 10513
Mean 1.174
RMS 0.4925
size [# of strips]

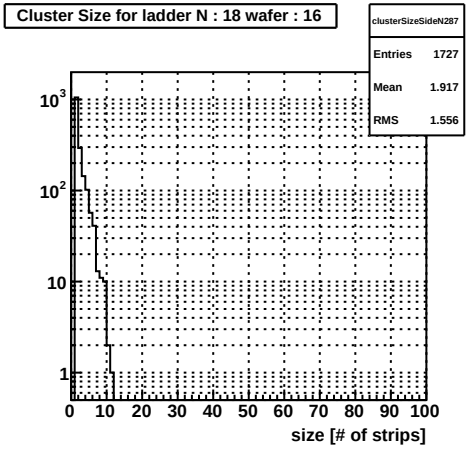

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 66
Mean 1.394
RMS 0.6937
size [# of strips]

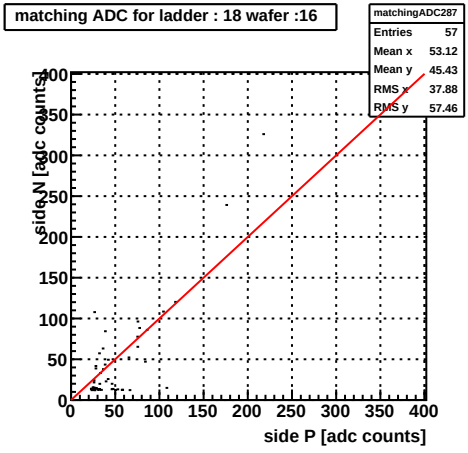

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 26
Mean x 112.1
Mean y 59
RMS x 63.85
RMS y 48.13
side N [adc counts]
side P [adc counts]

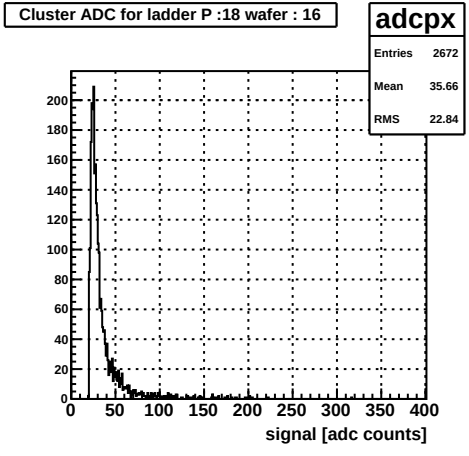

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 10513
Mean 30.08
RMS 23.18
signal [adc counts]

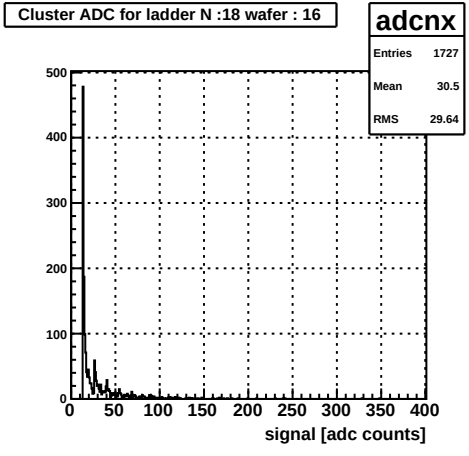

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 66
Mean 48.74
RMS 50.32
signal [adc counts]

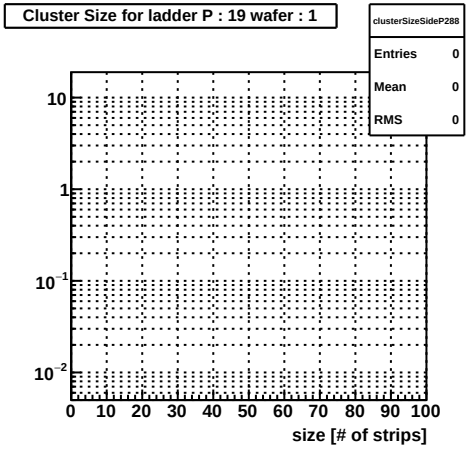

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2672
Mean 1.106
RMS 0.3796
size [# of strips]

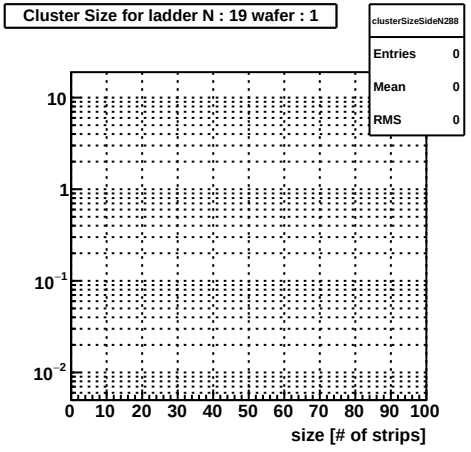

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1727
Mean 1.917
RMS 1.556
size [# of strips]

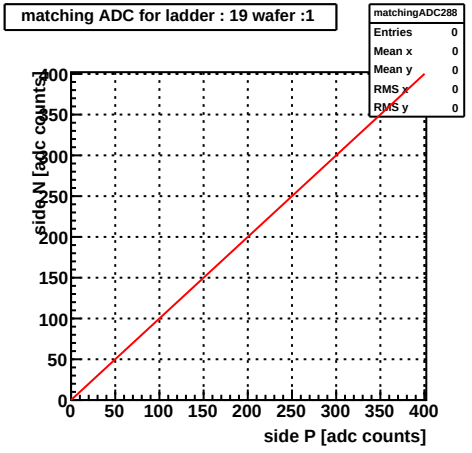

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 57
Mean x 53.12
Mean y 45.43
RMS x 37.88
RMS y 57.46
side N [adc counts]
side P [adc counts]

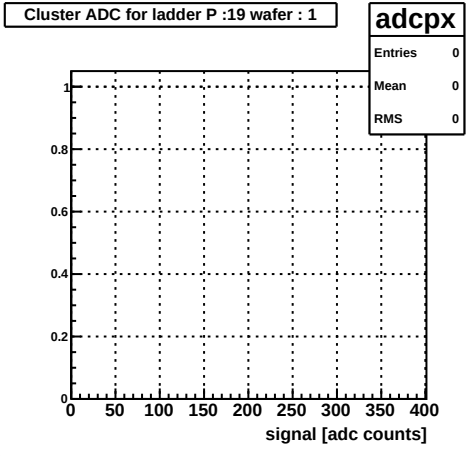

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2672
Mean 35.66
RMS 22.84
signal [adc counts]

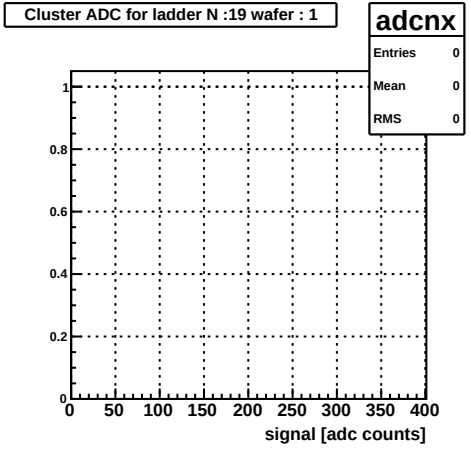

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1727
Mean 30.5
RMS 29.64
signal [adc counts]

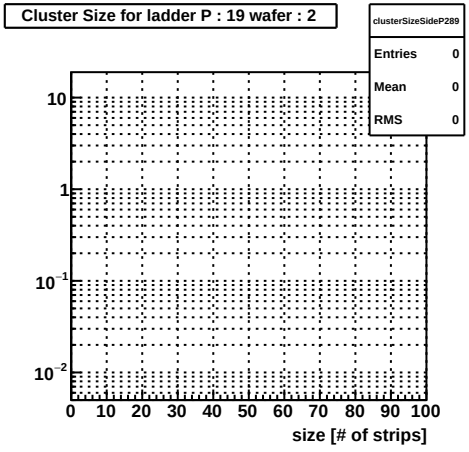

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

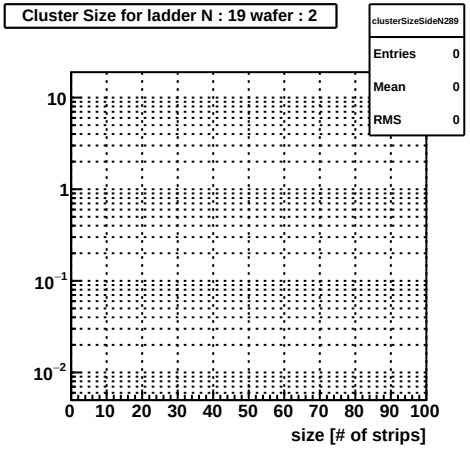

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

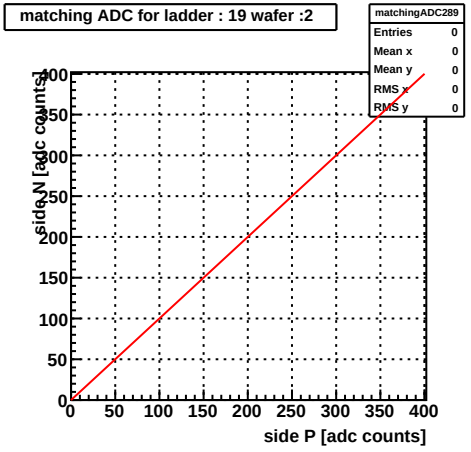

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

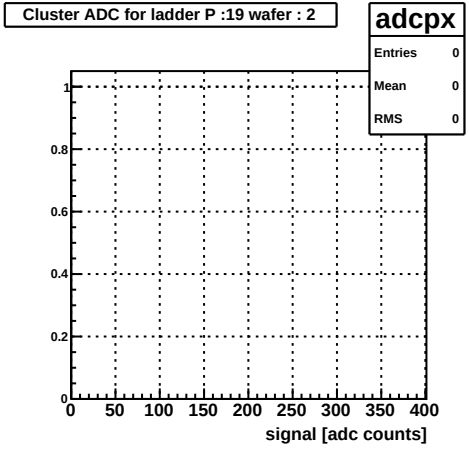

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

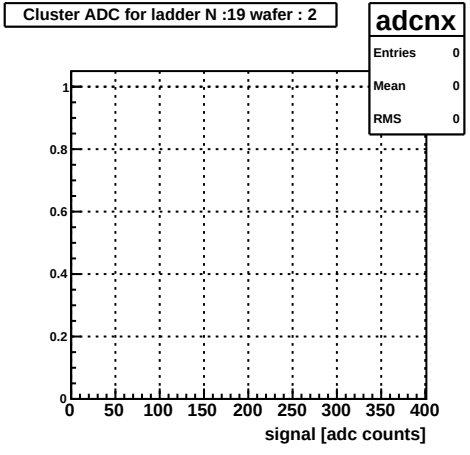

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

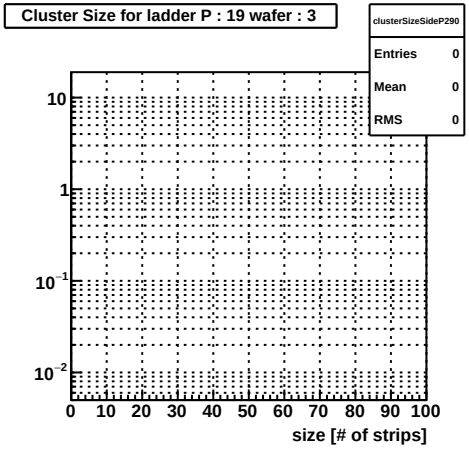

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

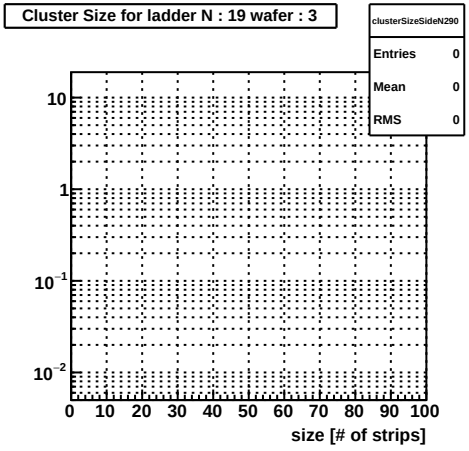

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

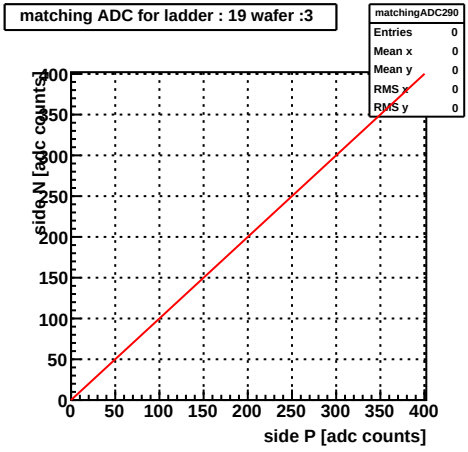

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

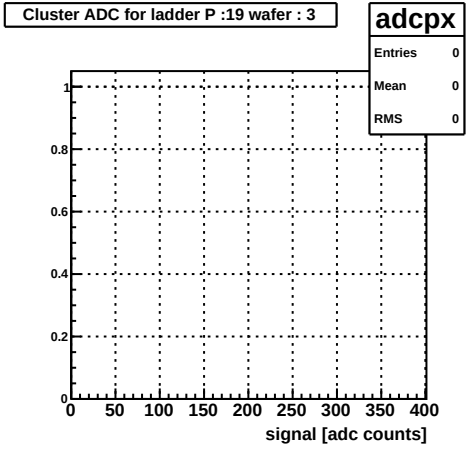

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

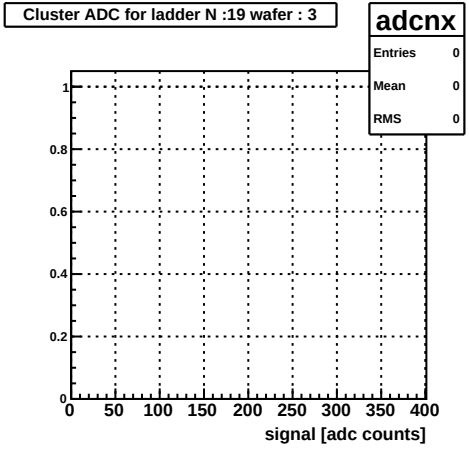

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

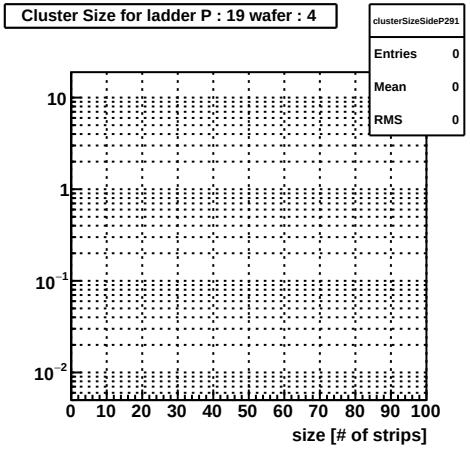

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

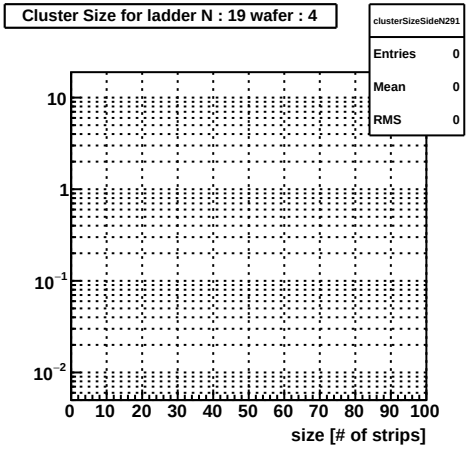

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

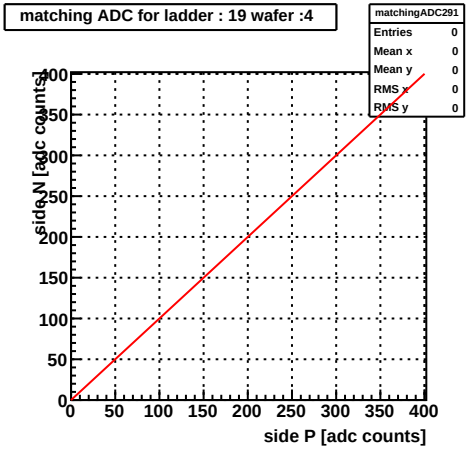

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

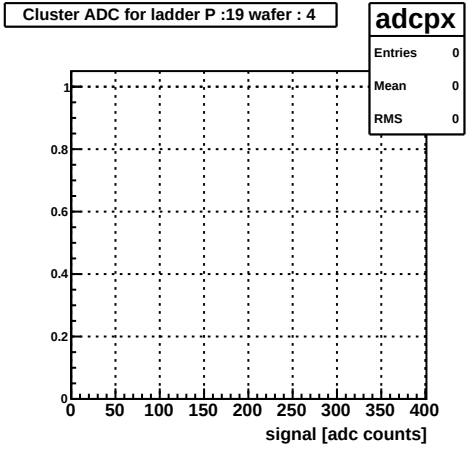

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

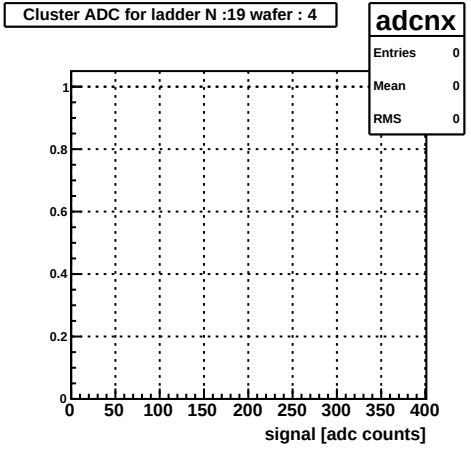

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

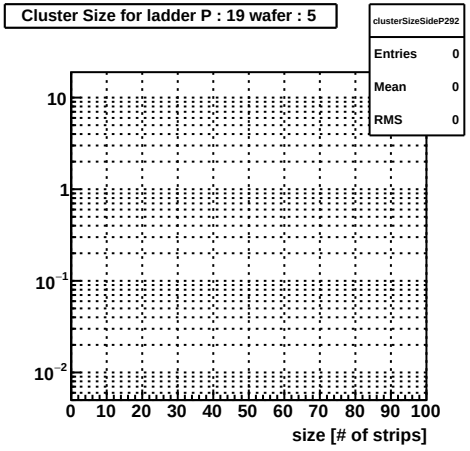

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

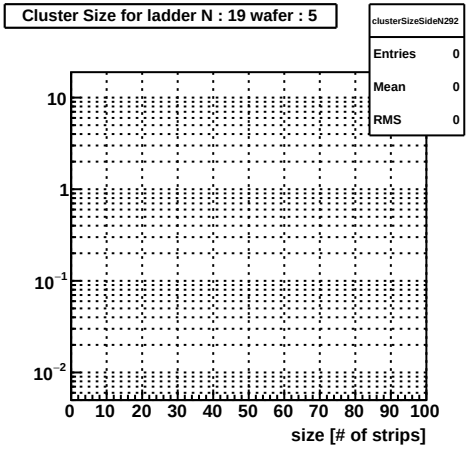

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

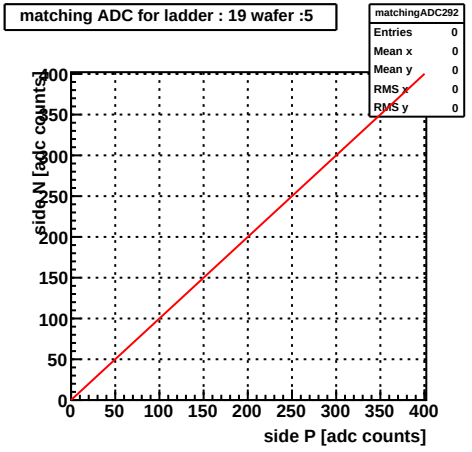

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

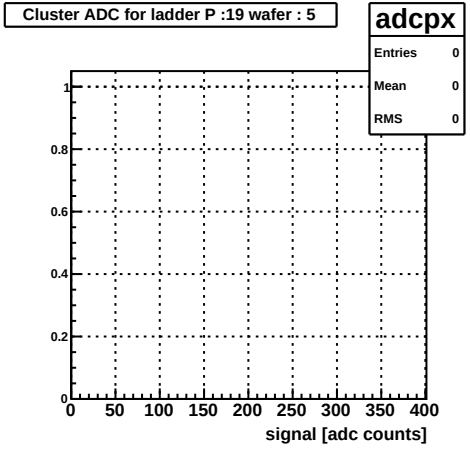

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

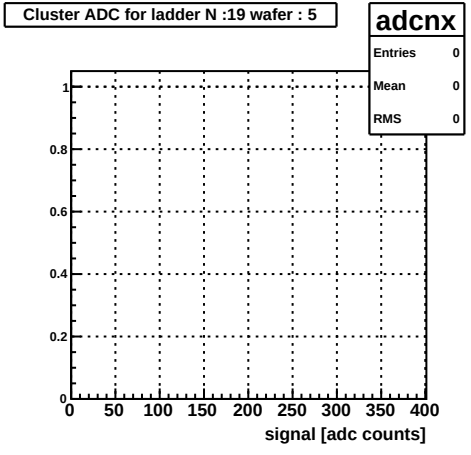

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

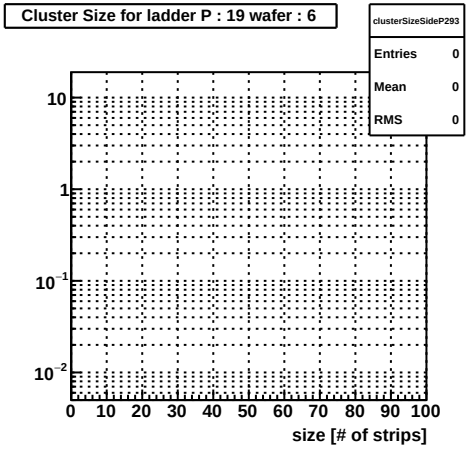

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

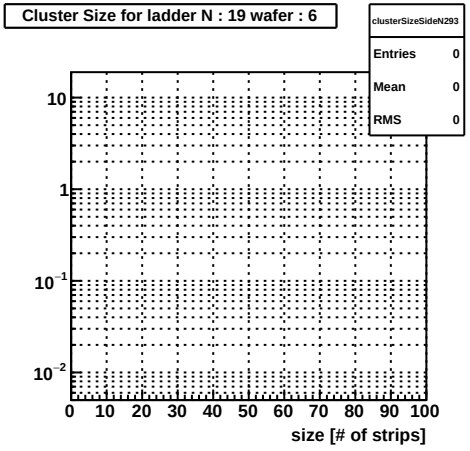

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

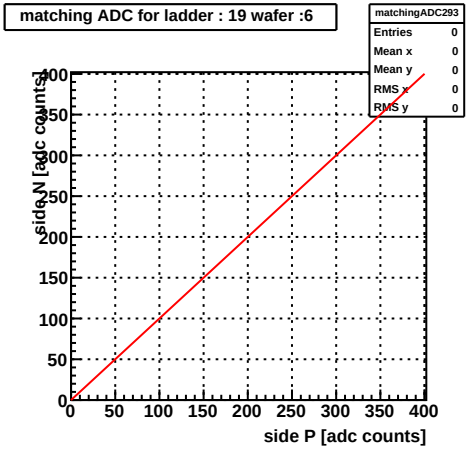

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

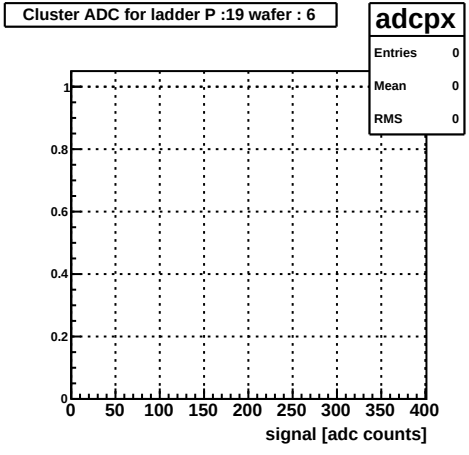

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

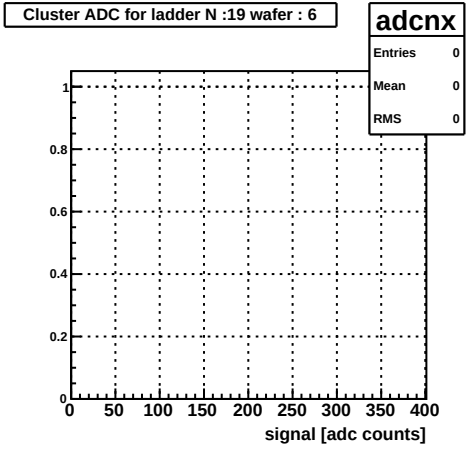

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

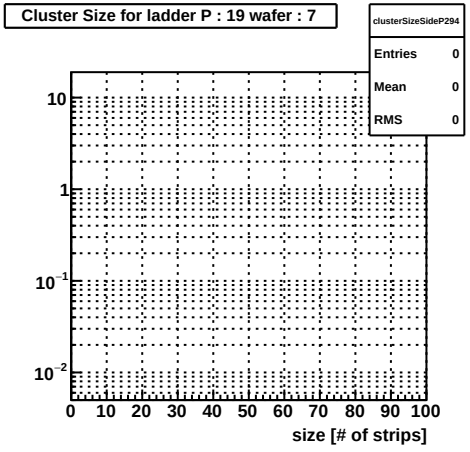

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

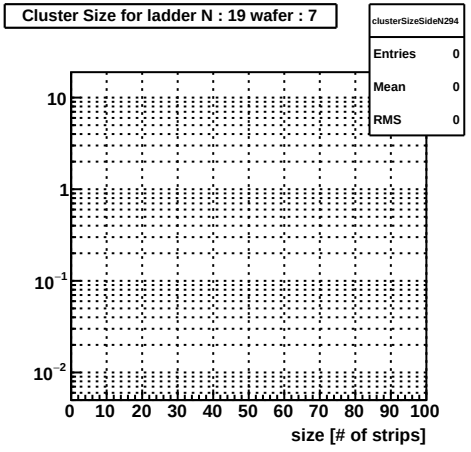

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

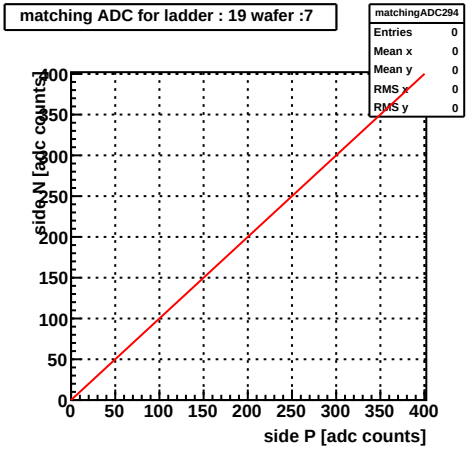

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

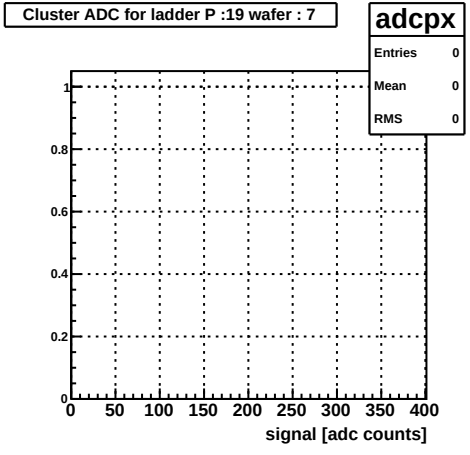

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

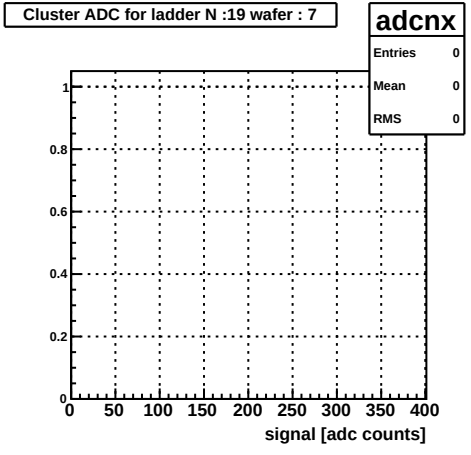

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

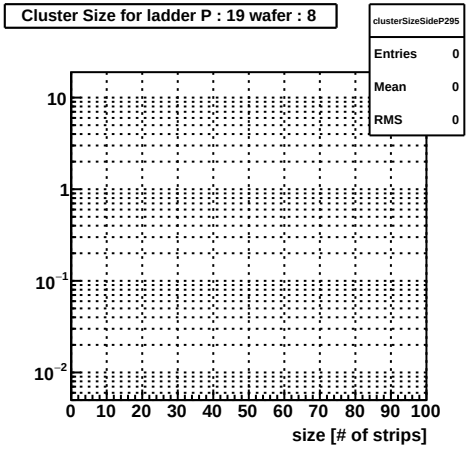

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

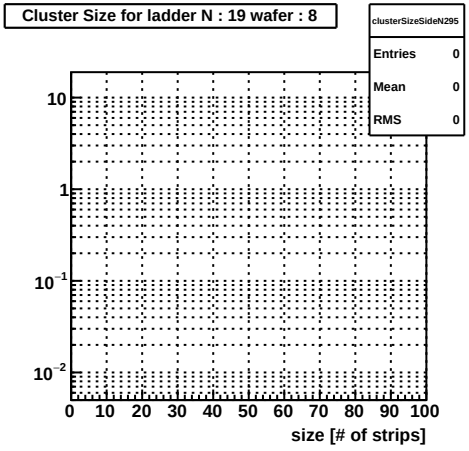

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

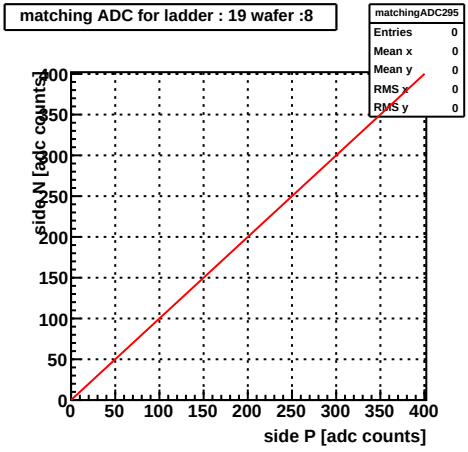

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

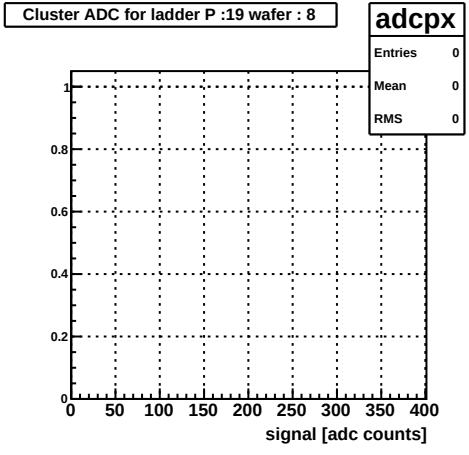

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

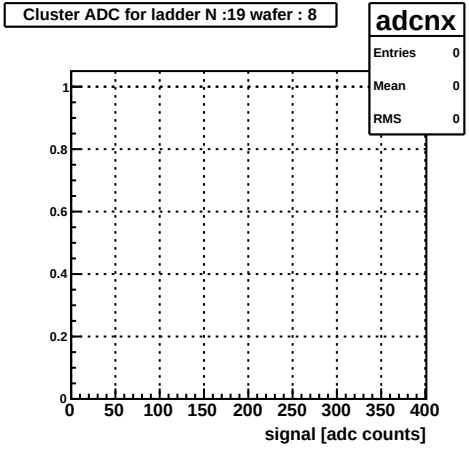

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

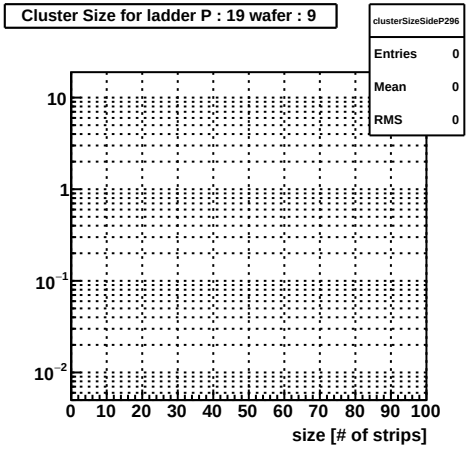

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

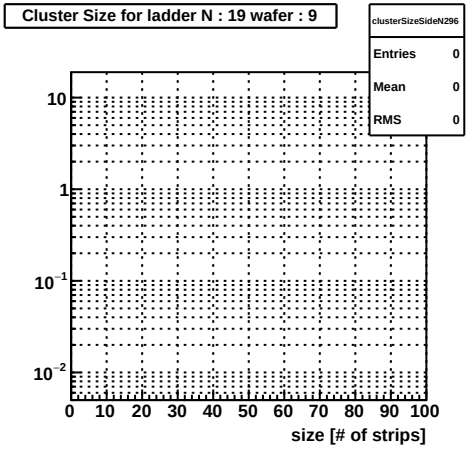

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

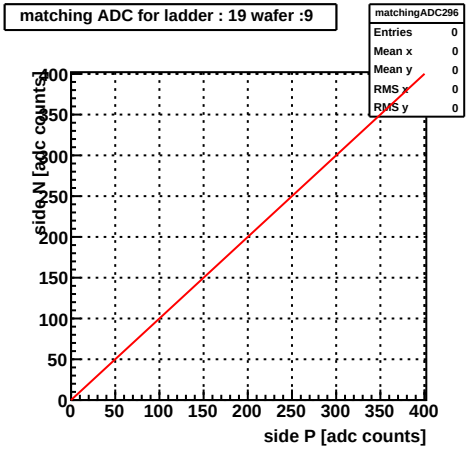

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

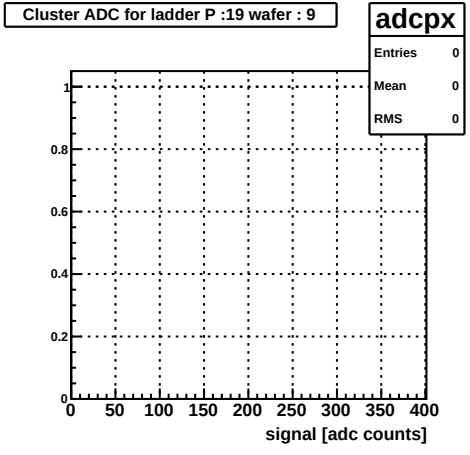

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

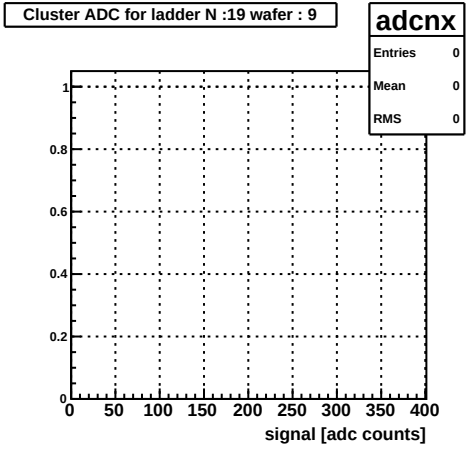

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

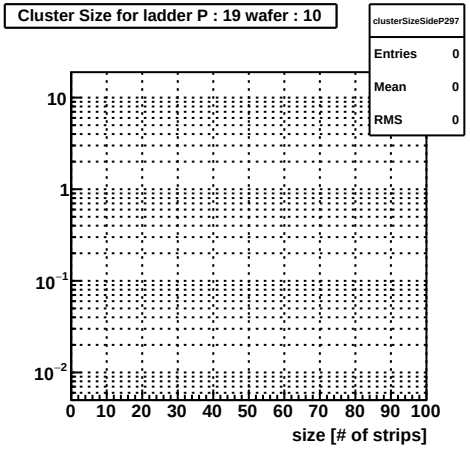

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

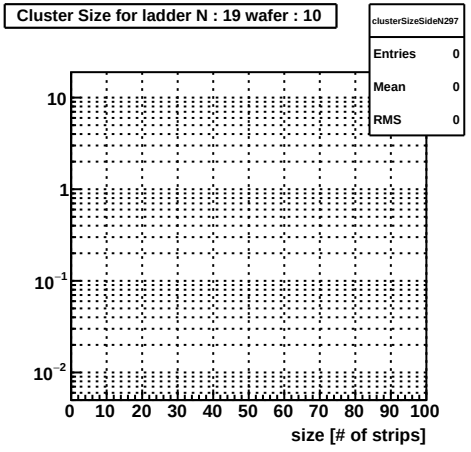

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

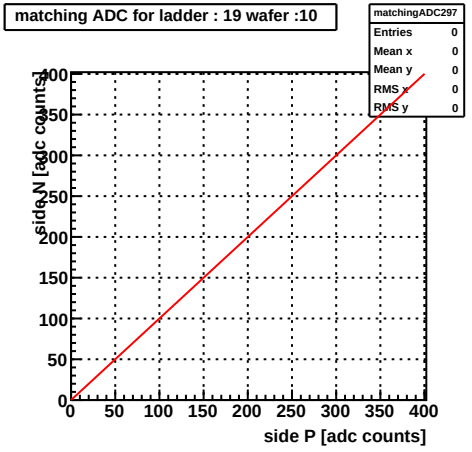

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

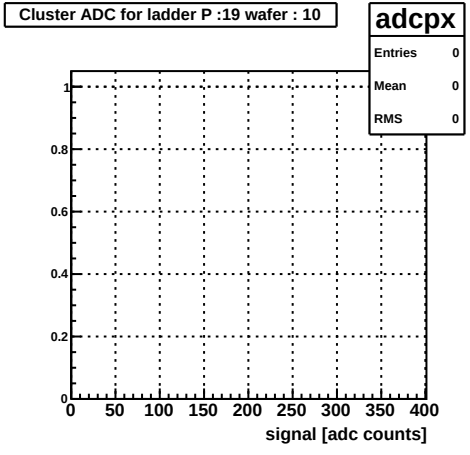

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

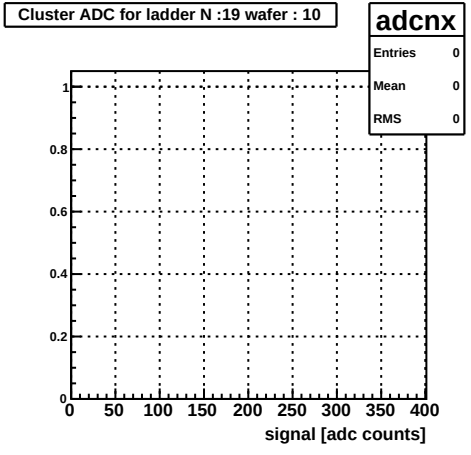

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

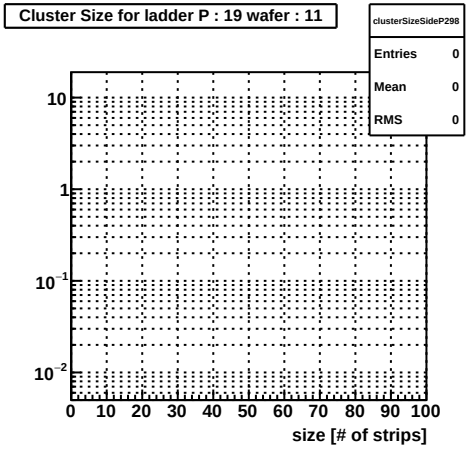

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

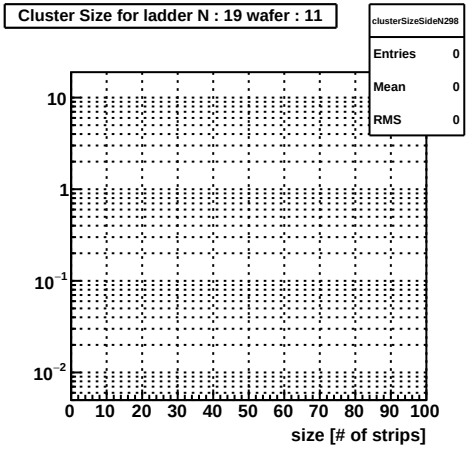

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

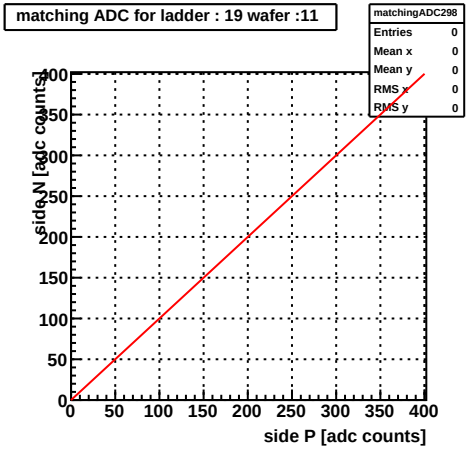

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

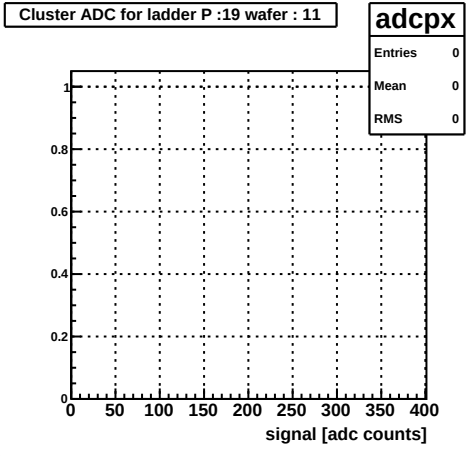

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

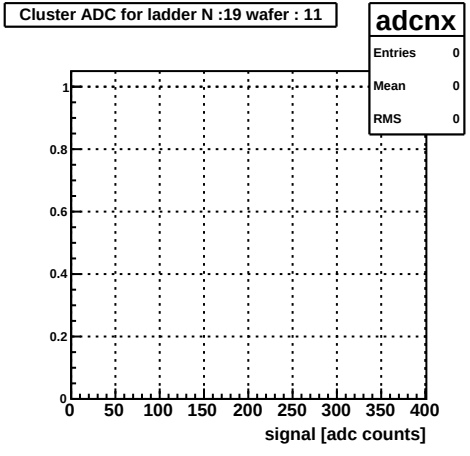

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

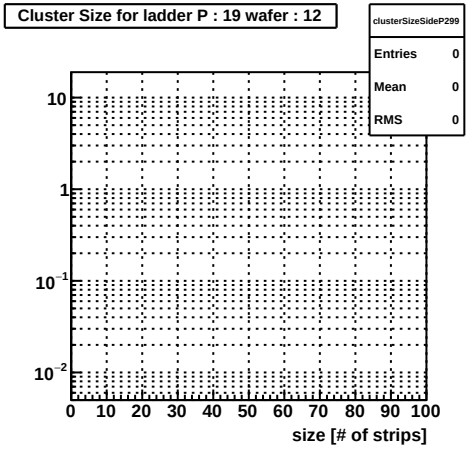

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

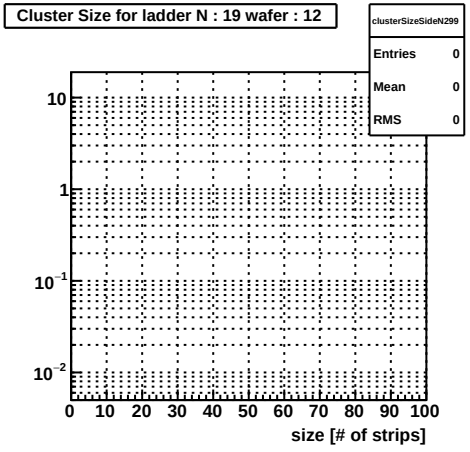

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

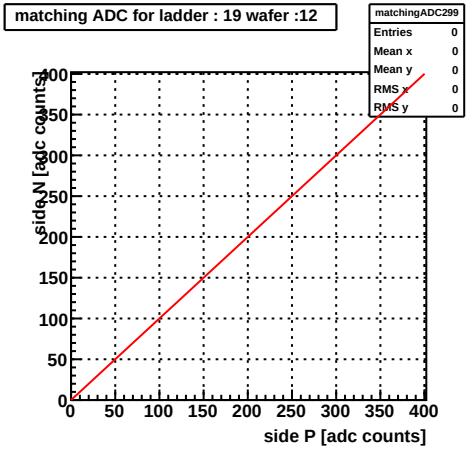

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

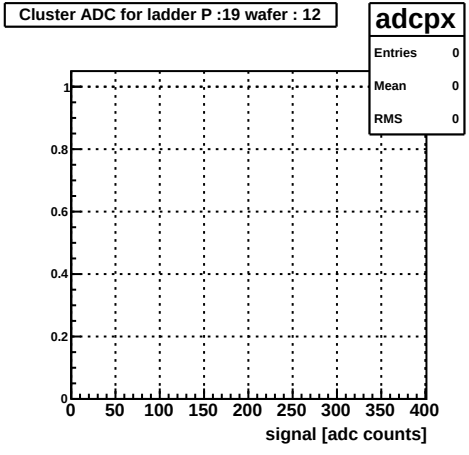

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

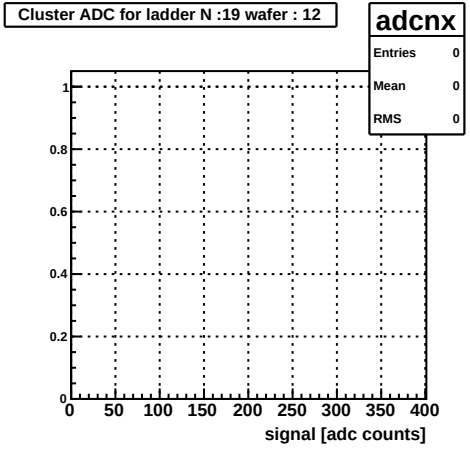

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

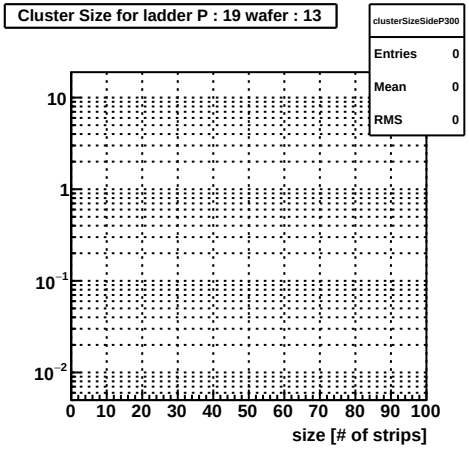

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

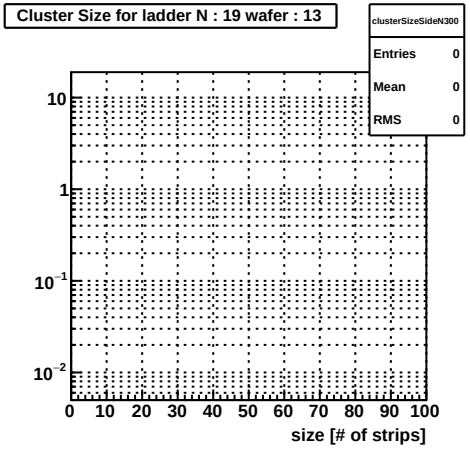

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

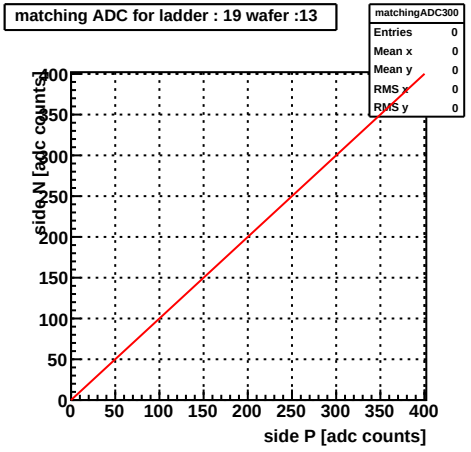

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

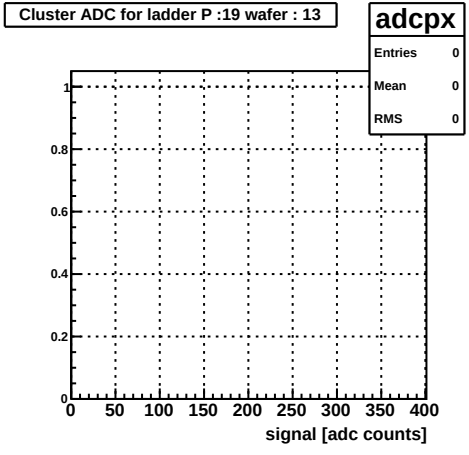

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

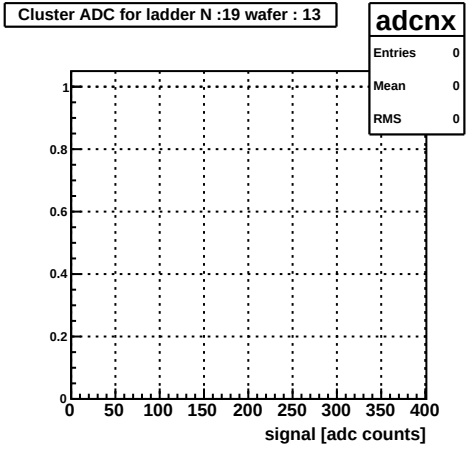

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

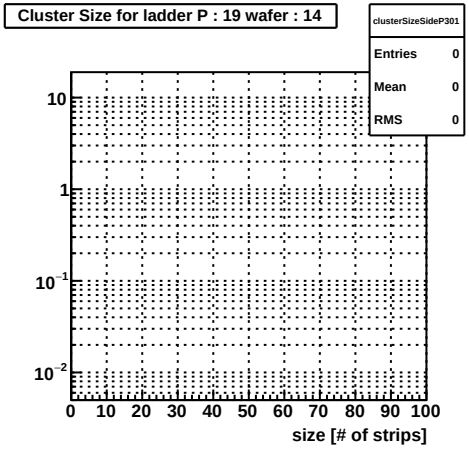

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

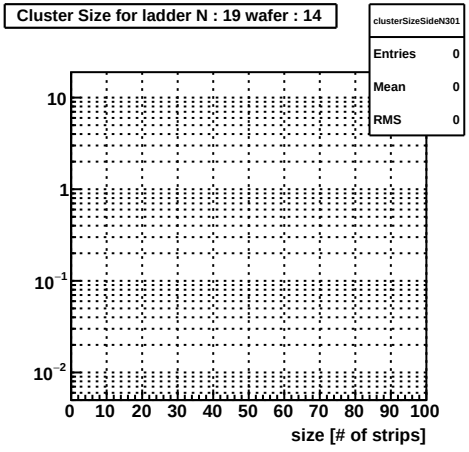

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

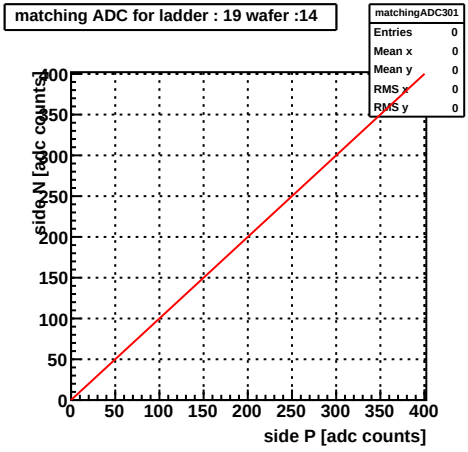

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

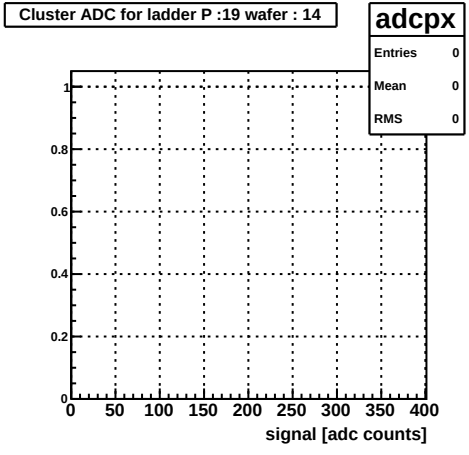

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

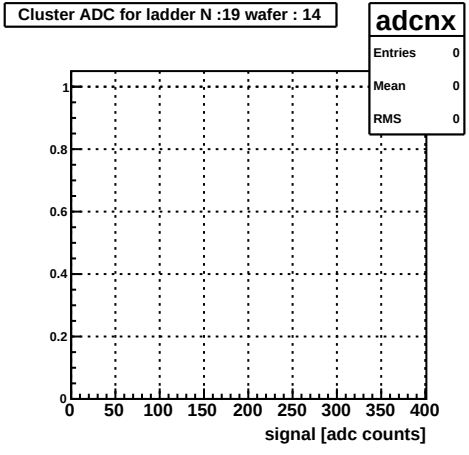

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

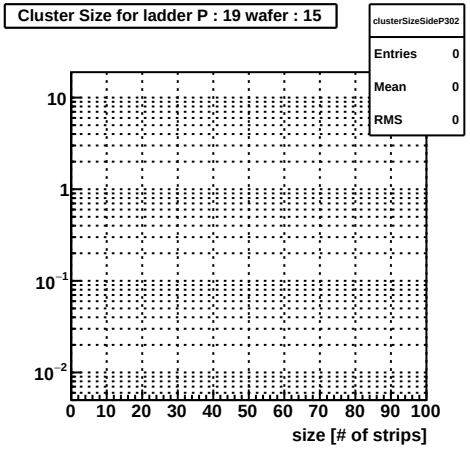

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

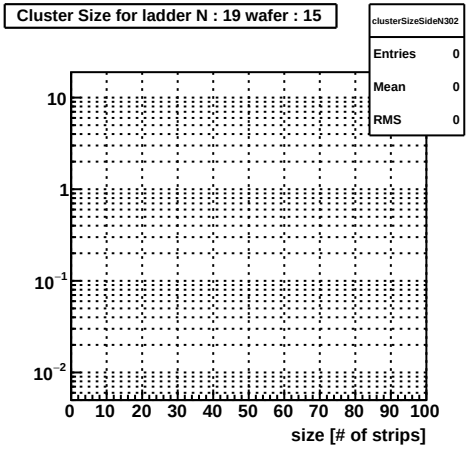

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

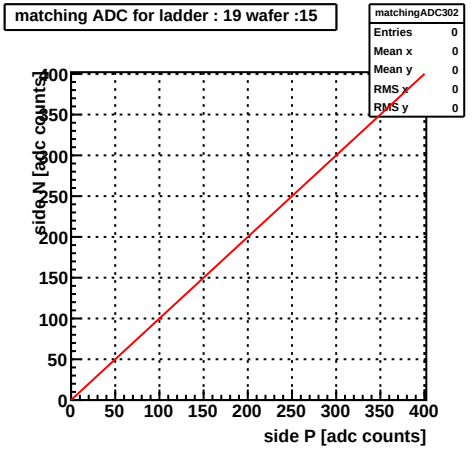

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

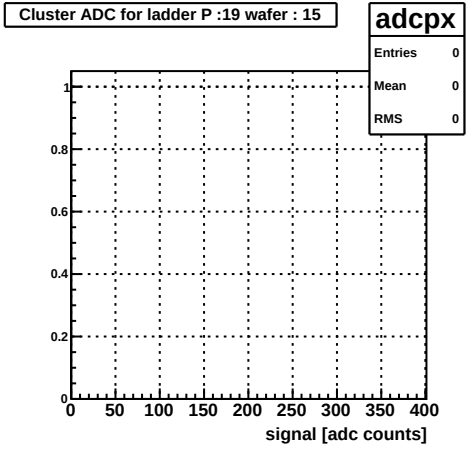

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

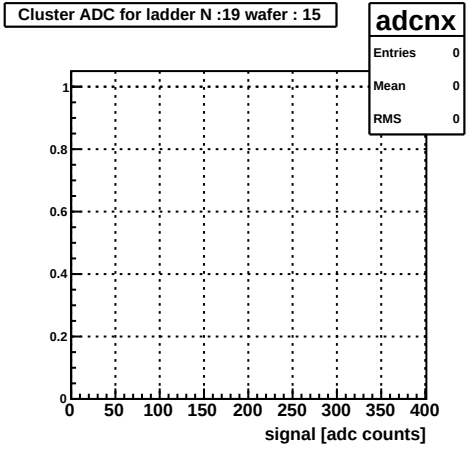

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

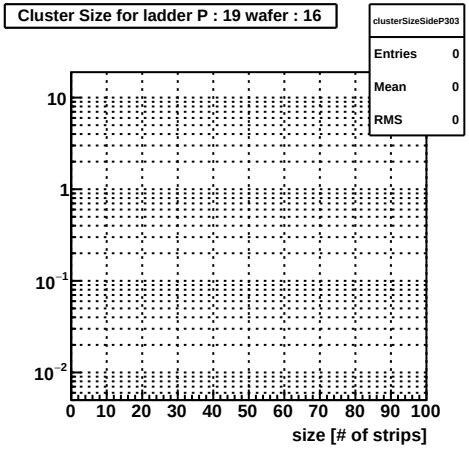

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

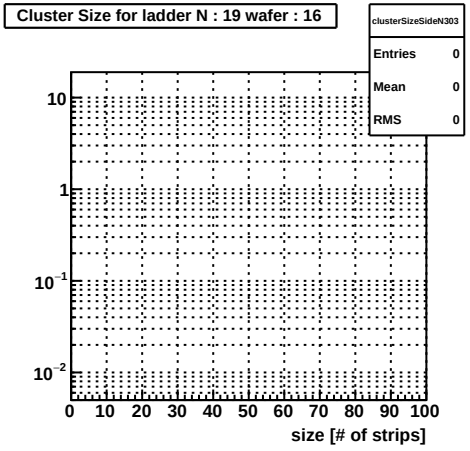

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

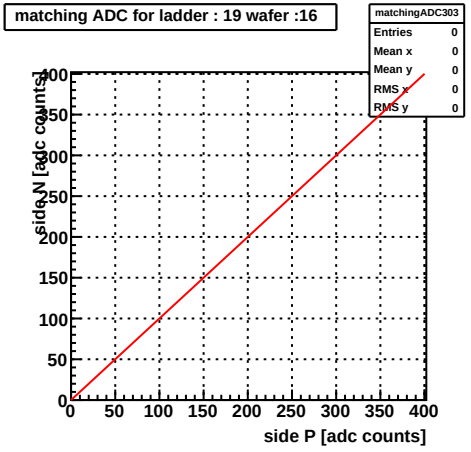

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

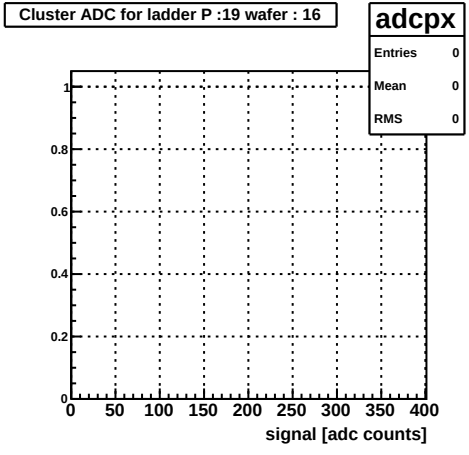

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

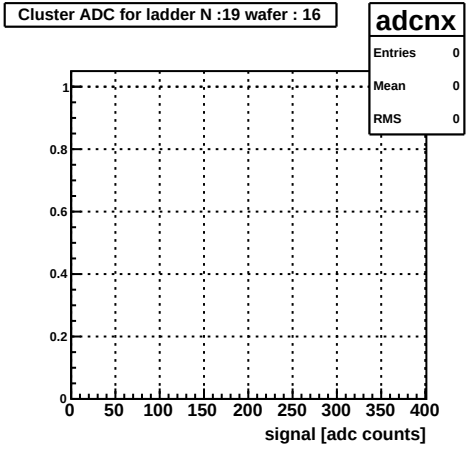

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

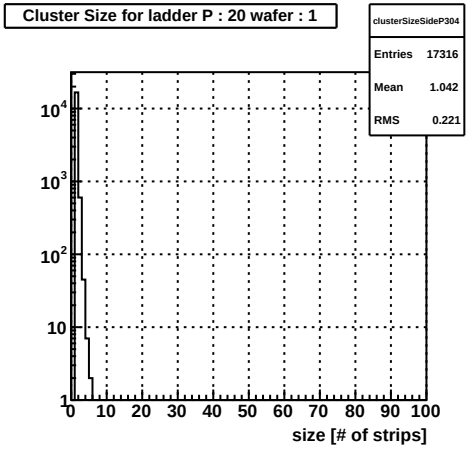

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

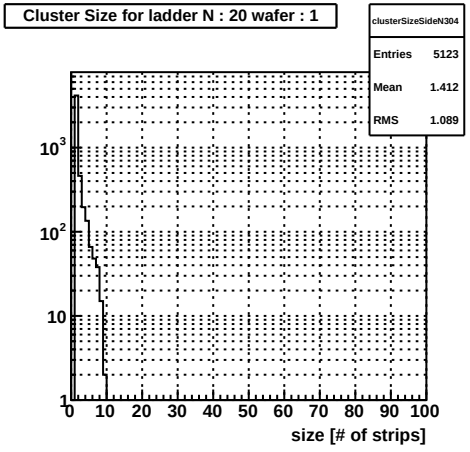

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

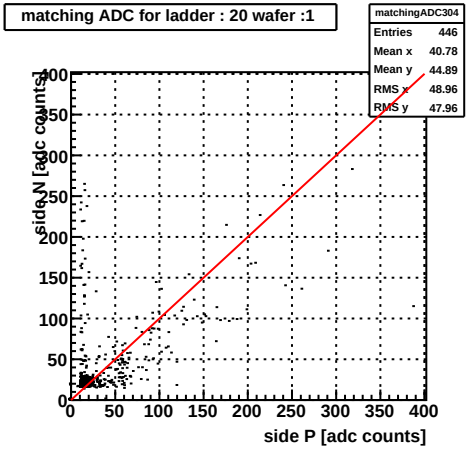

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

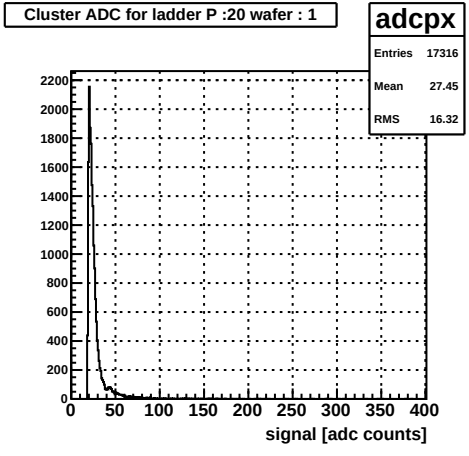

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

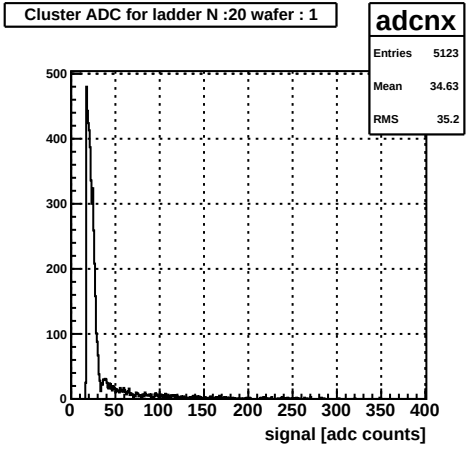

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

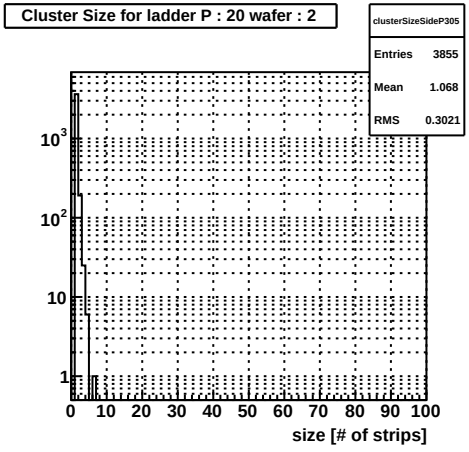

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 17316
Mean 1.042
RMS 0.221
size [# of strips]

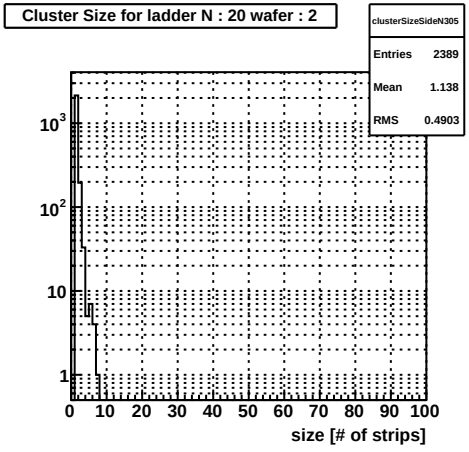

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5123
Mean 1.412
RMS 1.089
size [# of strips]

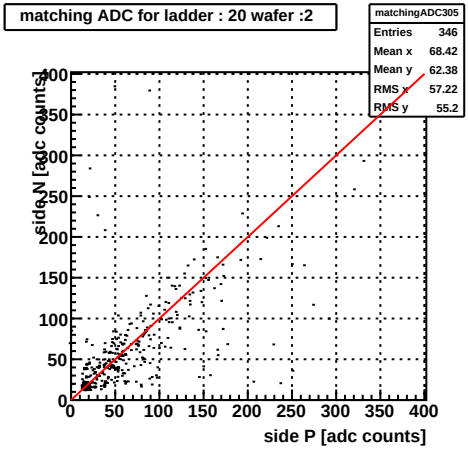

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 446
Mean x 40.78
Mean y 44.89
RMS x 48.96
RMS y 47.96
side N [adc counts]
side P [adc counts]

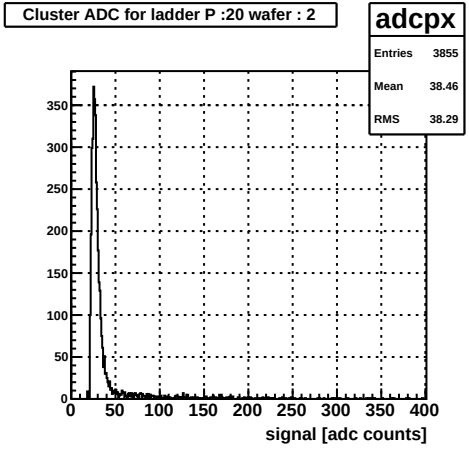

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 17316
Mean 27.45
RMS 16.32
signal [adc counts]

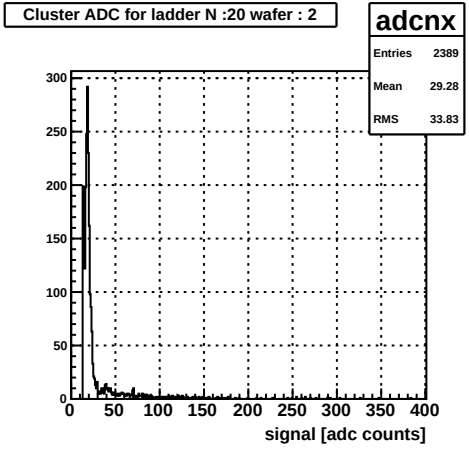

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5123
Mean 34.63
RMS 35.2
signal [adc counts]

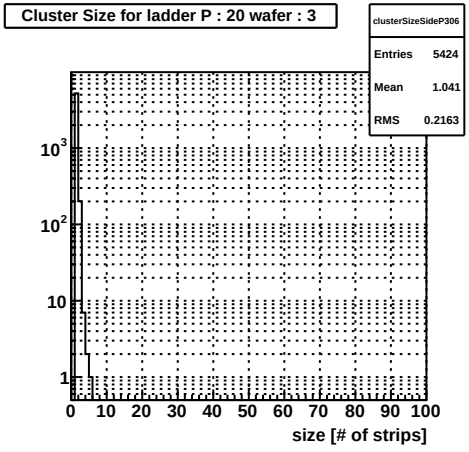

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 3855
Mean 1.068
RMS 0.3021
size [# of strips]

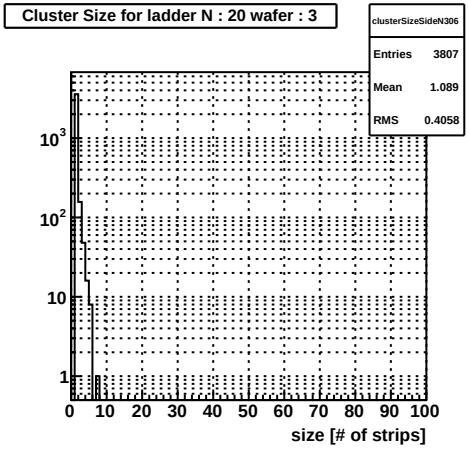

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2389
Mean 1.138
RMS 0.4903
size [# of strips]

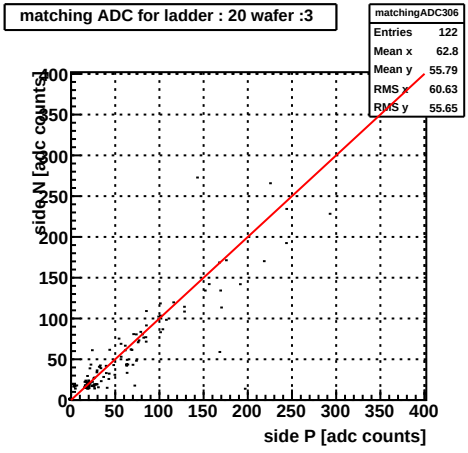

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 346
Mean x 68.42
Mean y 62.38
RMS x 57.22
RMS y 55.2
side N [adc counts]
side P [adc counts]

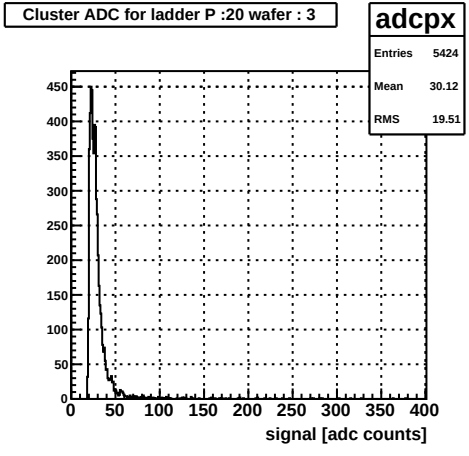

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 3855
Mean 38.46
RMS 38.29
signal [adc counts]

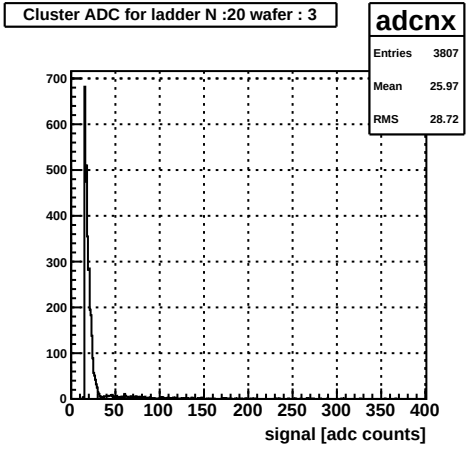

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2389
Mean 29.28
RMS 33.83
signal [adc counts]

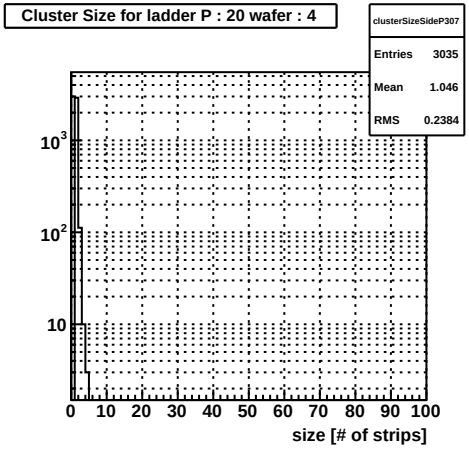

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5424
Mean 1.041
RMS 0.2163
size [# of strips]

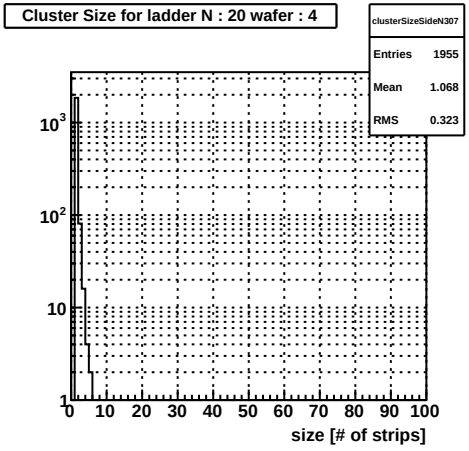

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3807
Mean 1.089
RMS 0.4058
size [# of strips]

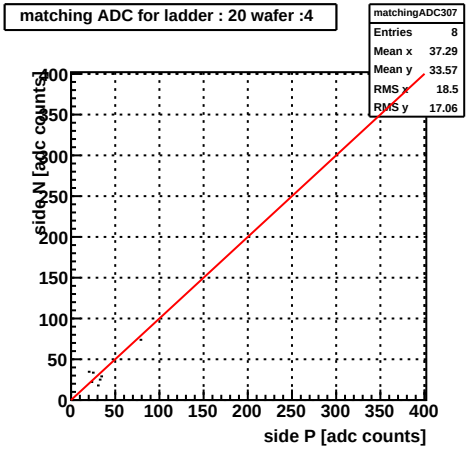

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 122
Mean x 62.8
Mean y 55.79
RMS x 60.63
RMS y 55.65
side N [adc counts]
side P [adc counts]

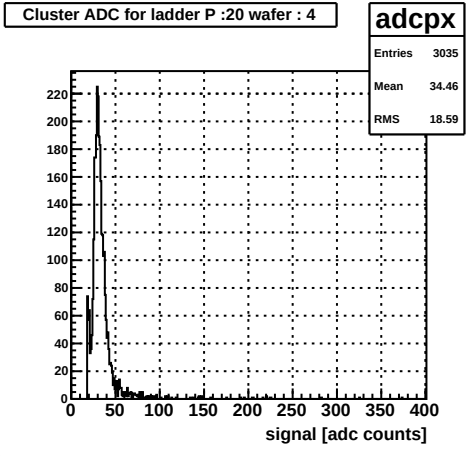

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5424
Mean 30.12
RMS 19.51
signal [adc counts]

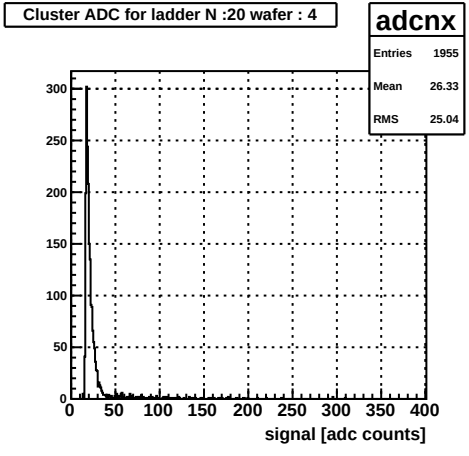

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3807
Mean 25.97
RMS 28.72
signal [adc counts]

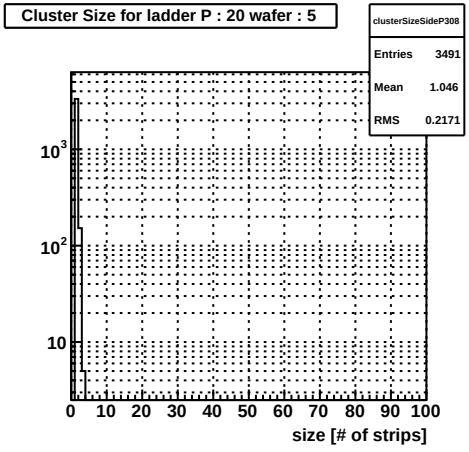

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3035
Mean 1.046
RMS 0.2384
size [# of strips]

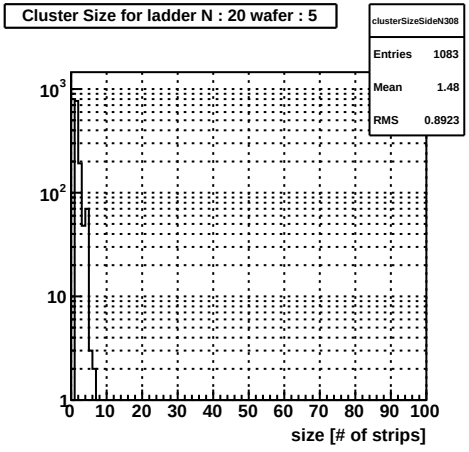

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1955
Mean 1.068
RMS 0.323
size [# of strips]

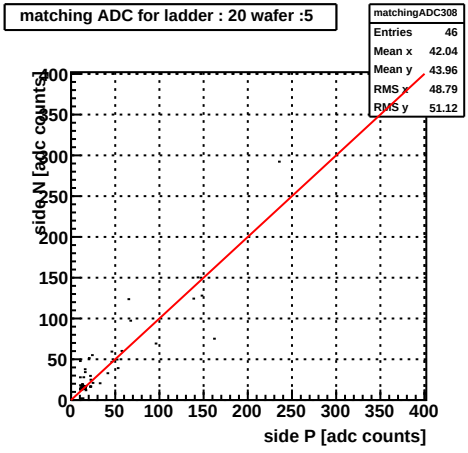

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 8
Mean x 37.29
Mean y 33.57
RMS x 18.5
RMS y 17.06
side N [adc counts]
side P [adc counts]

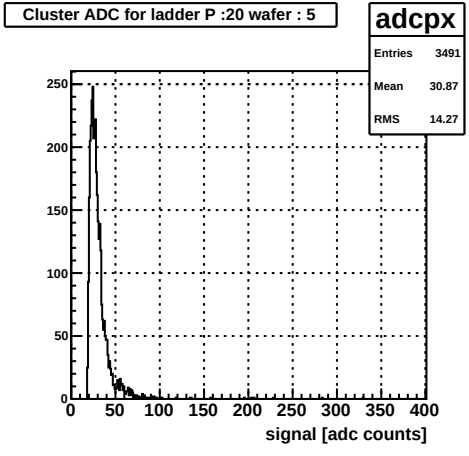

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3035
Mean 34.46
RMS 18.59
signal [adc counts]

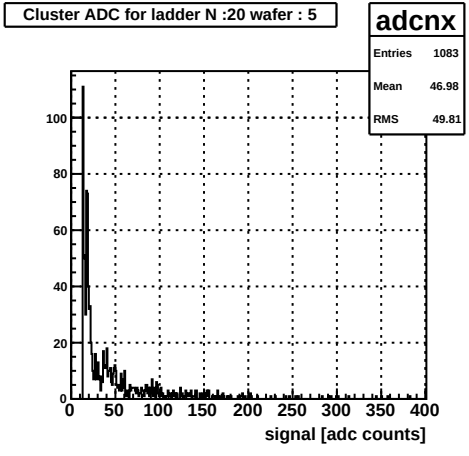

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1955
Mean 26.33
RMS 25.04
signal [adc counts]

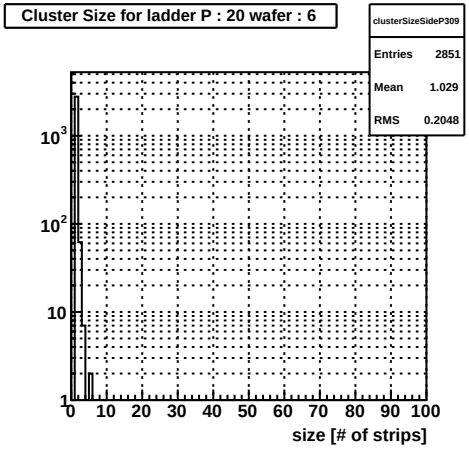

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3491
Mean 1.046
RMS 0.2171
size [# of strips]

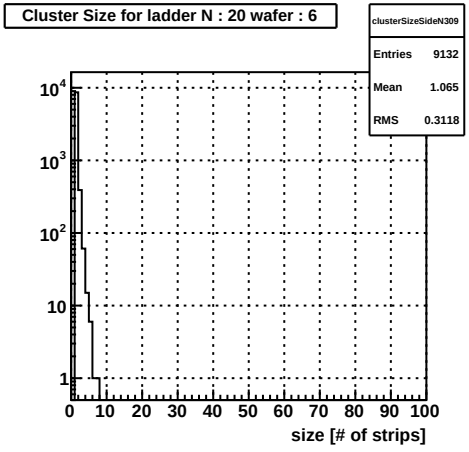

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1083
Mean 1.48
RMS 0.8923
size [# of strips]

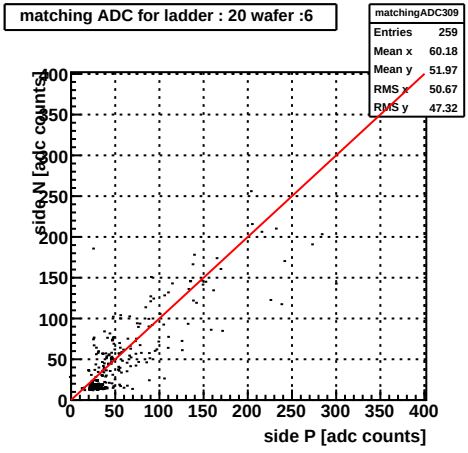

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 46
Mean x 42.04
Mean y 43.96
RMS x 48.79
RMS y 51.12
side N [adc counts]
side P [adc counts]

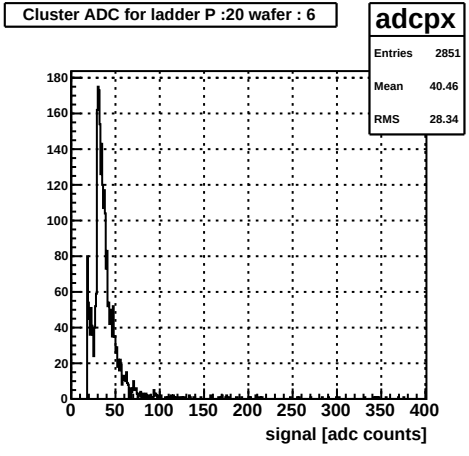

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3491
Mean 30.87
RMS 14.27
signal [adc counts]

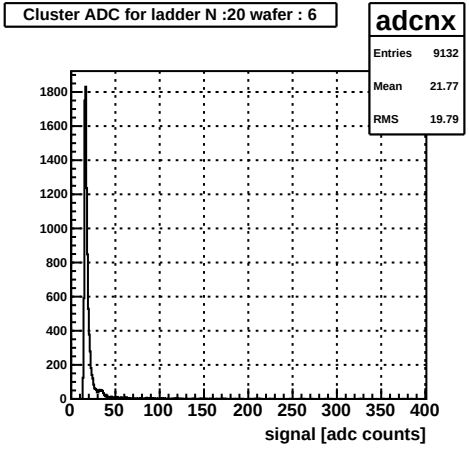

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1083
Mean 46.98
RMS 49.81
signal [adc counts]

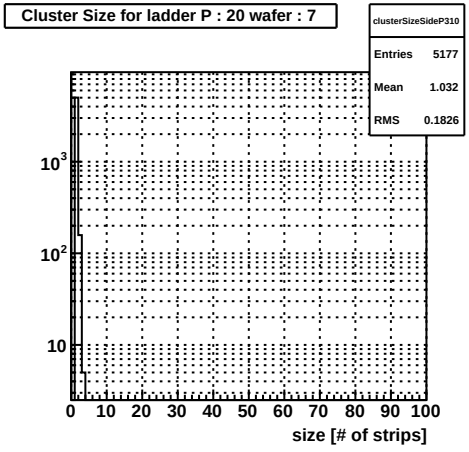

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 2851
Mean 1.029
RMS 0.2048
size [# of strips]

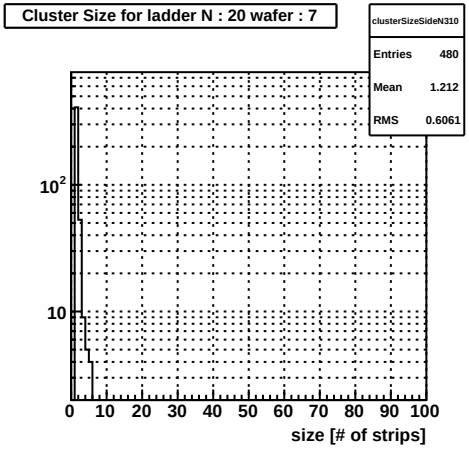

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 9132
Mean 1.065
RMS 0.3118
size [# of strips]

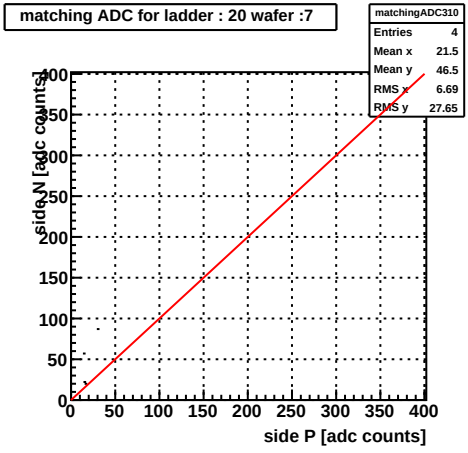

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 259
Mean x 60.18
Mean y 51.97
RMS x 50.67
RMS y 47.32
side N [adc counts]
side P [adc counts]

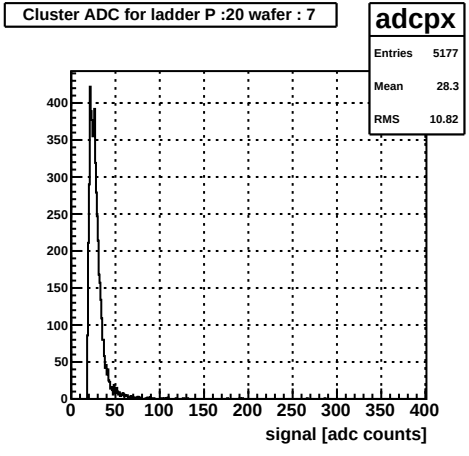

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 2851
Mean 40.46
RMS 28.34
signal [adc counts]

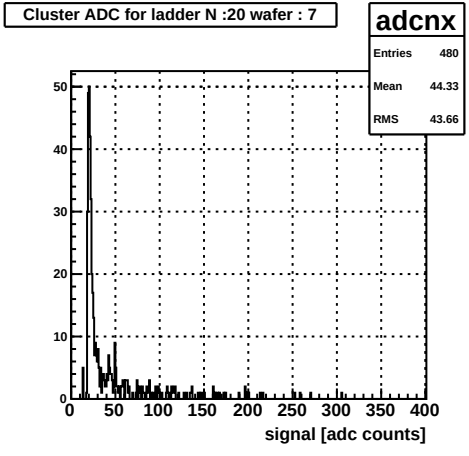

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 9132
Mean 21.77
RMS 19.79
signal [adc counts]

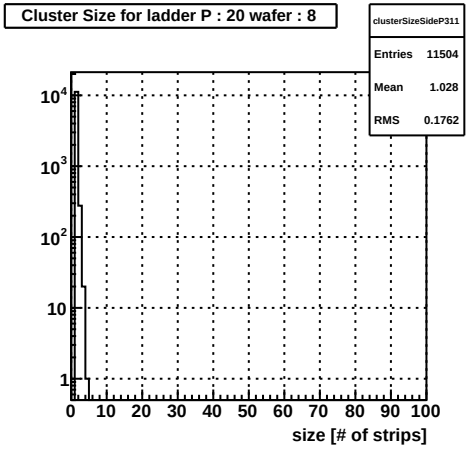

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5177
Mean 1.032
RMS 0.1826
size [# of strips]

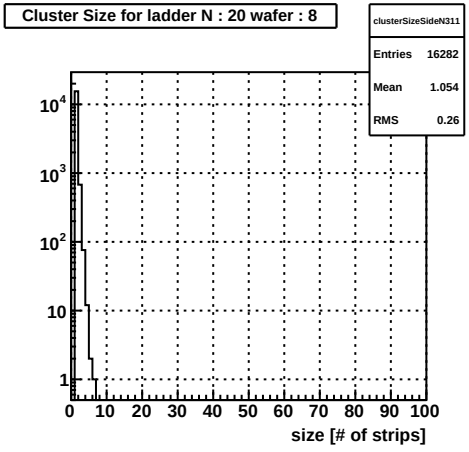

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 480
Mean 1.212
RMS 0.6061
size [# of strips]

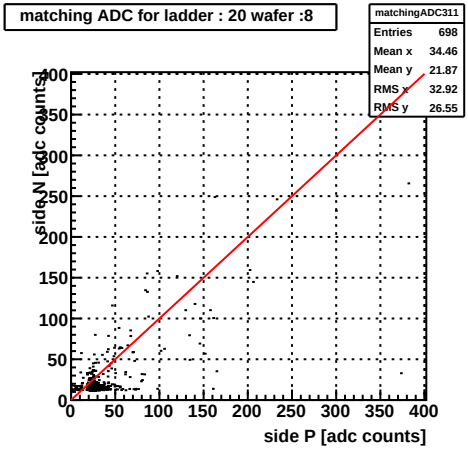

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 21.5
Mean y 46.5
RMS x 6.69
RMS y 27.65
side N [adc counts]
side P [adc counts]

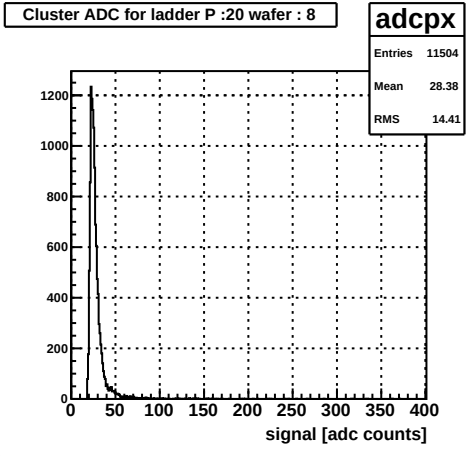

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5177
Mean 28.3
RMS 10.82
signal [adc counts]

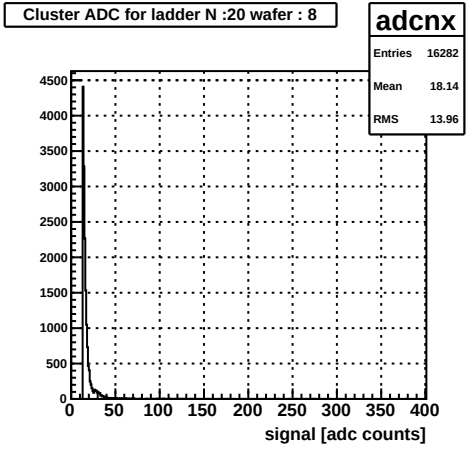

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 480
Mean 44.33
RMS 43.66
signal [adc counts]

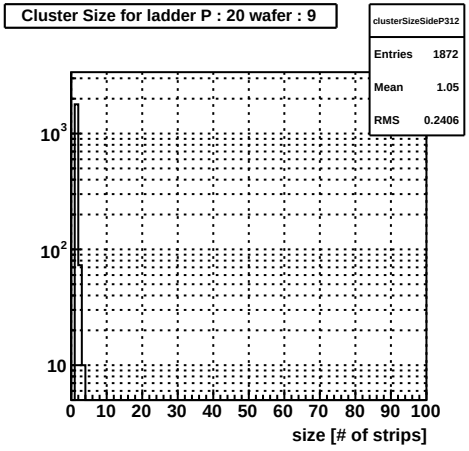

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 11504
Mean 1.028
RMS 0.1762
size [# of strips]

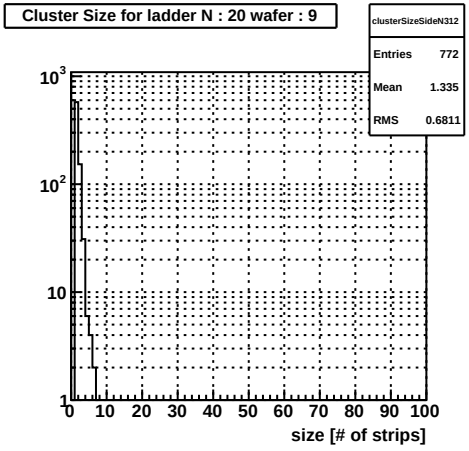

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 16282
Mean 1.054
RMS 0.26
size [# of strips]

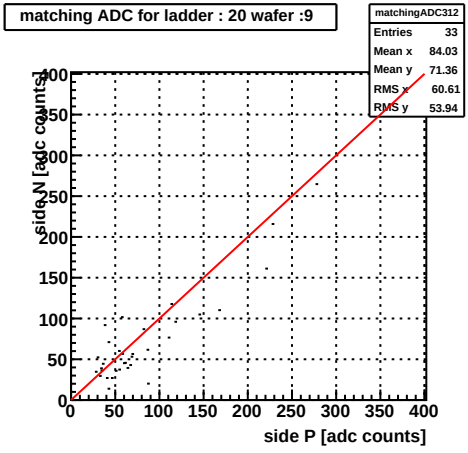

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 698
Mean x 34.46
Mean y 21.87
RMS x 32.92
RMS y 26.55
side N [adc counts]
side P [adc counts]

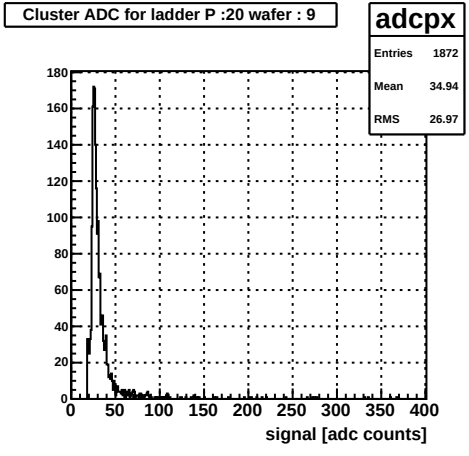

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 11504
Mean 28.38
RMS 14.41
signal [adc counts]

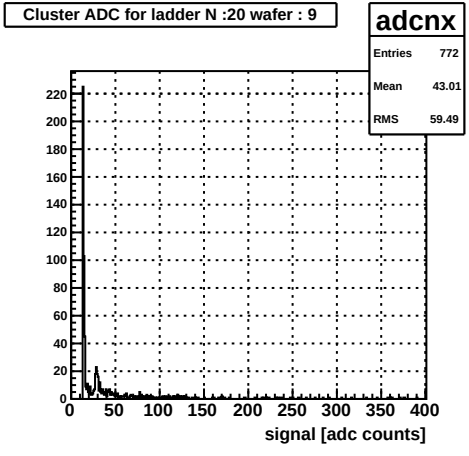

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 16282
Mean 18.14
RMS 13.96
signal [adc counts]

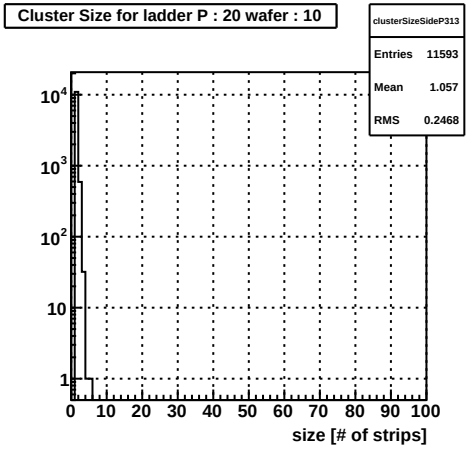

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1872
Mean 1.05
RMS 0.2406
size [# of strips]

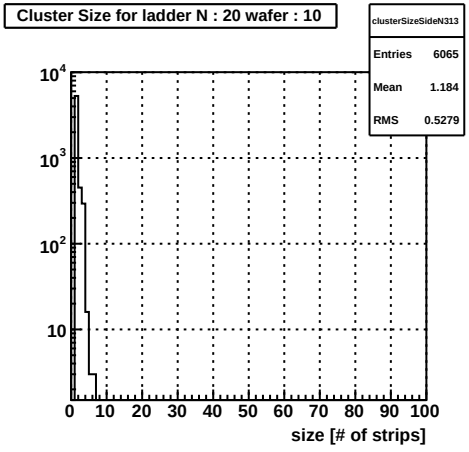

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 772
Mean 1.335
RMS 0.6811
size [# of strips]

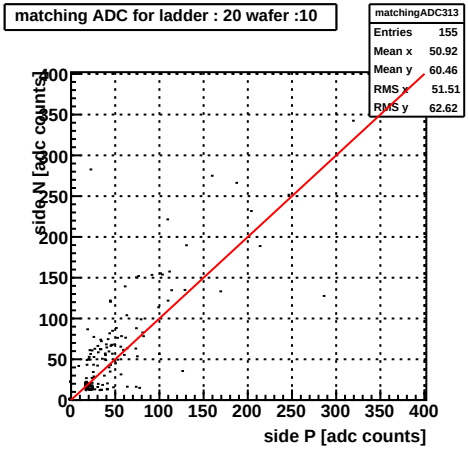

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 33
Mean x 84.03
Mean y 71.36
RMS x 60.61
RMS y 53.94
side N [adc counts]
side P [adc counts]

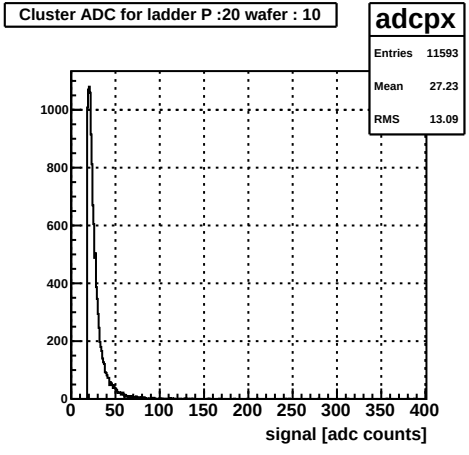

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1872
Mean 34.94
RMS 26.97
signal [adc counts]

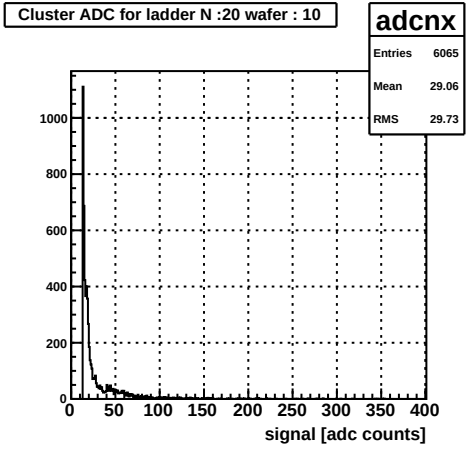

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 772
Mean 43.01
RMS 59.49
signal [adc counts]

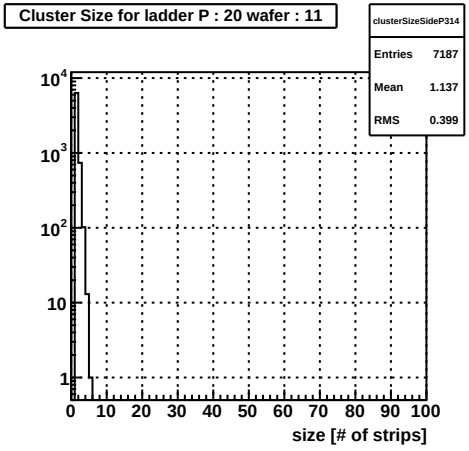

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11593
Mean 1.057
RMS 0.2468
size [# of strips]

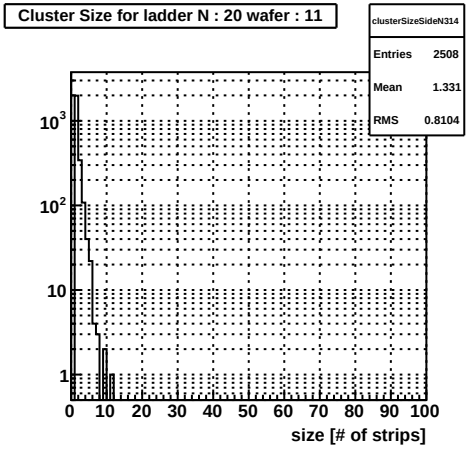

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 6065
Mean 1.184
RMS 0.5279
size [# of strips]

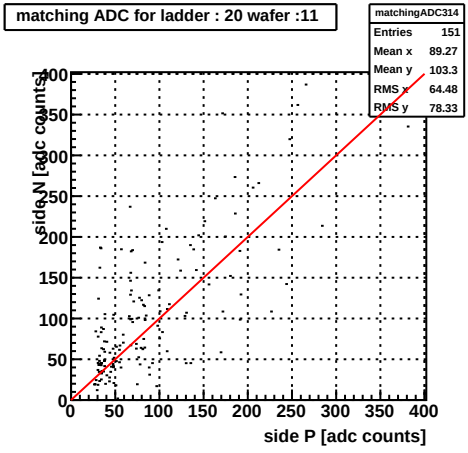

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 155
Mean x 50.92
Mean y 60.46
RMS x 51.51
RMS y 62.62
side N [adc counts]
side P [adc counts]

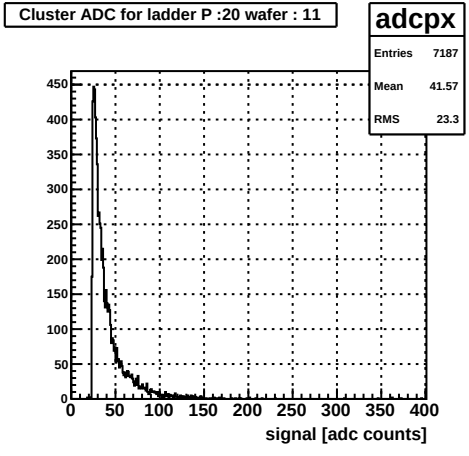

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11593
Mean 27.23
RMS 13.09
signal [adc counts]

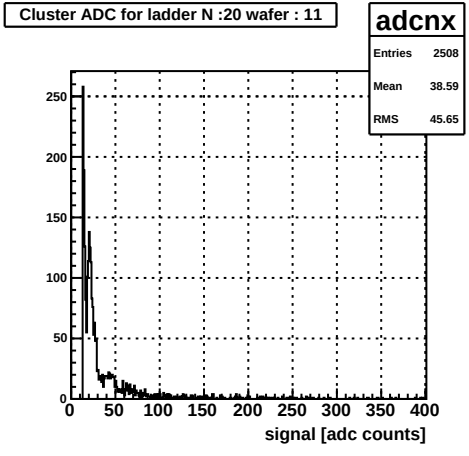

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 6065
Mean 29.06
RMS 29.73
signal [adc counts]

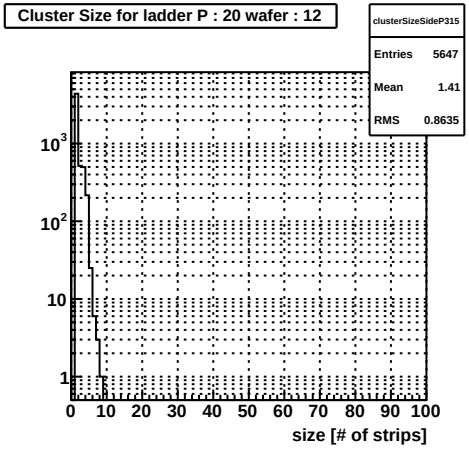

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7187
Mean 1.137
RMS 0.399
size [# of strips]

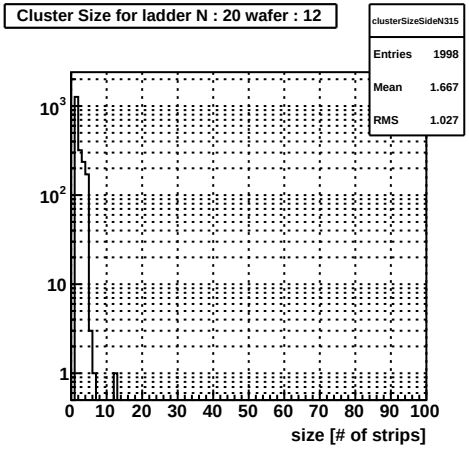

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2508
Mean 1.331
RMS 0.8104
size [# of strips]

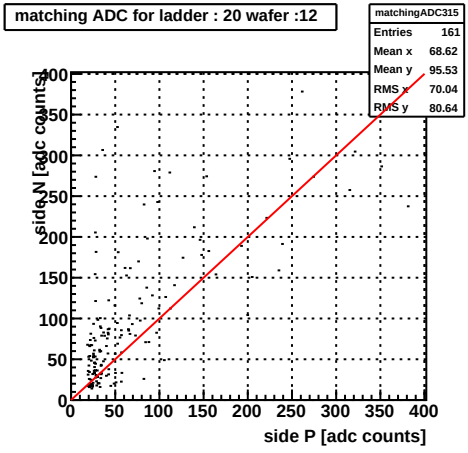

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 151
Mean x 89.27
Mean y 103.3
RMS x 64.48
RMS y 78.33
side N [adc counts]
side P [adc counts]

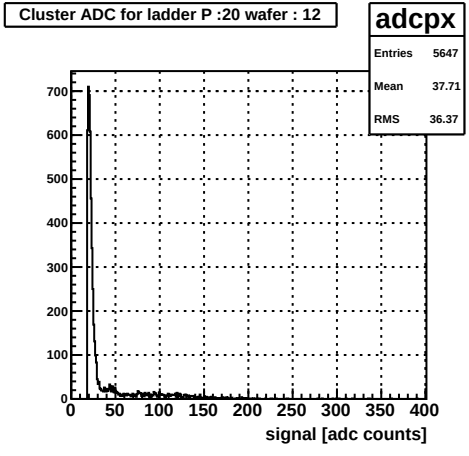

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7187
Mean 41.57
RMS 23.3
signal [adc counts]

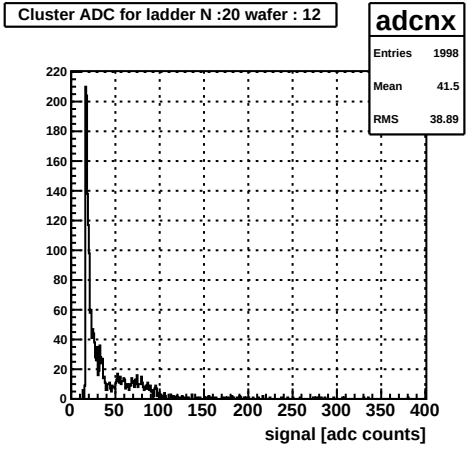

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2508
Mean 38.59
RMS 45.65
signal [adc counts]

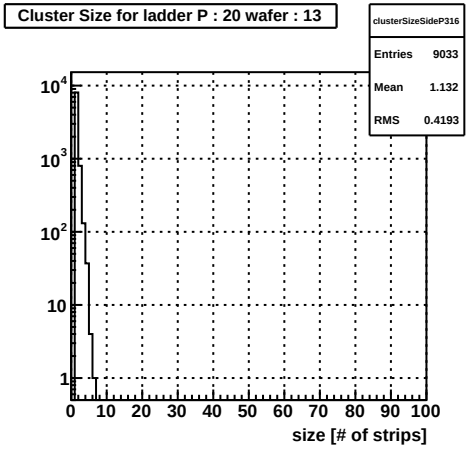

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5647
Mean 1.41
RMS 0.8635
size [# of strips]

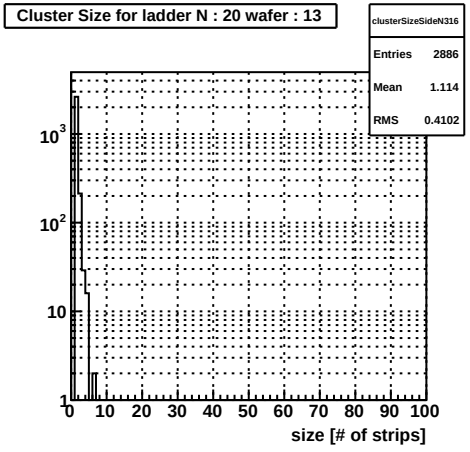

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1998
Mean 1.667
RMS 1.027
size [# of strips]

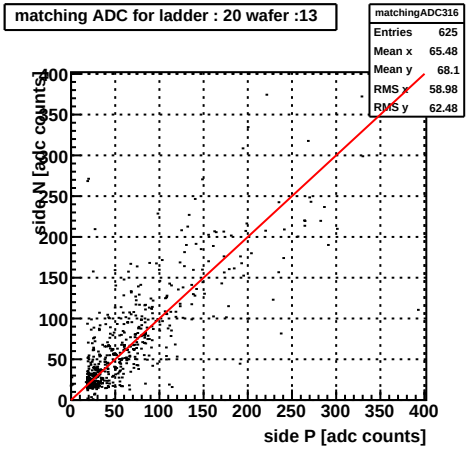

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 161
Mean x 68.62
Mean y 95.53
RMS x 70.04
RMS y 80.64
side N [adc counts]
side P [adc counts]

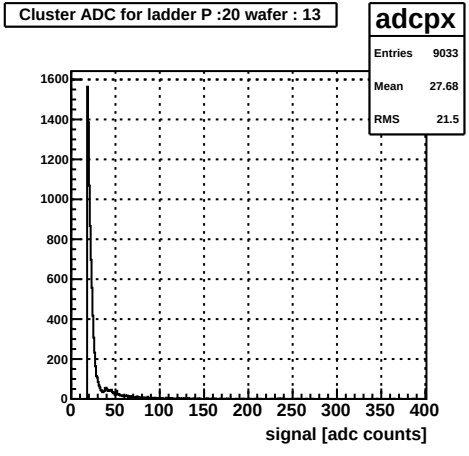

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5647
Mean 37.71
RMS 36.37
signal [adc counts]

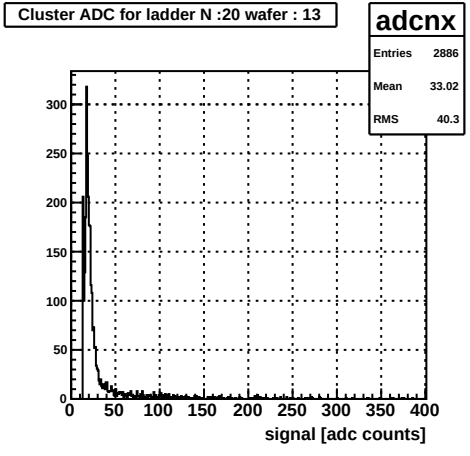

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1998
Mean 41.5
RMS 38.89
signal [adc counts]

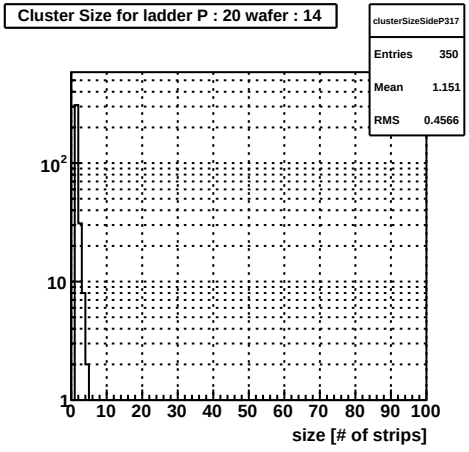

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 9033
Mean 1.132
RMS 0.4193
size [# of strips]

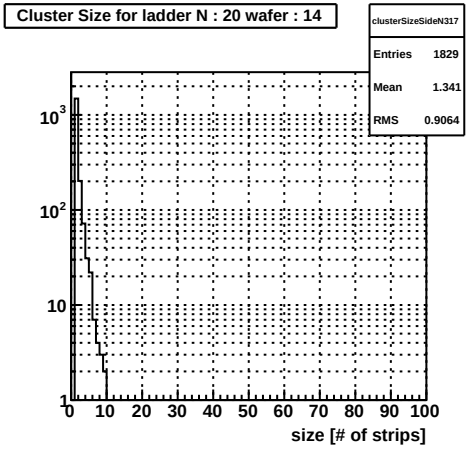

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2886
Mean 1.114
RMS 0.4102
size [# of strips]

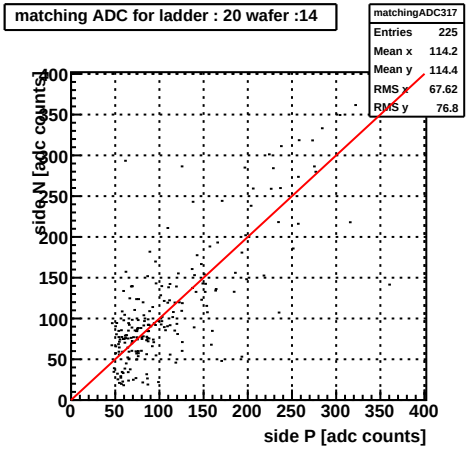

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 625
Mean x 65.48
Mean y 68.1
RMS x 58.98
RMS y 62.48
side N [adc counts]
side P [adc counts]

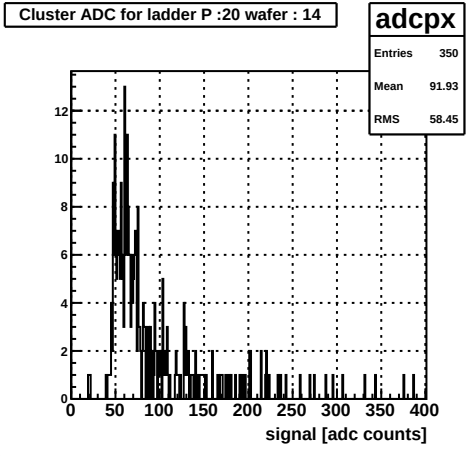

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 9033
Mean 27.68
RMS 21.5
signal [adc counts]

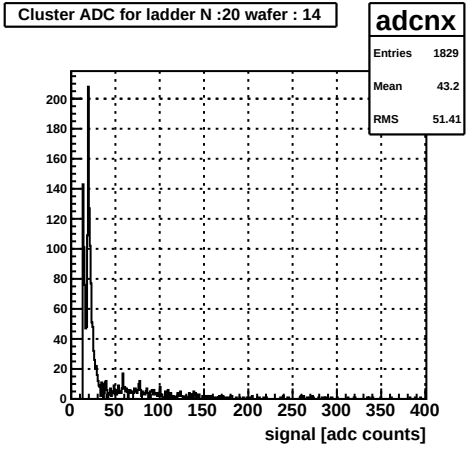

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2886
Mean 33.02
RMS 40.3
signal [adc counts]

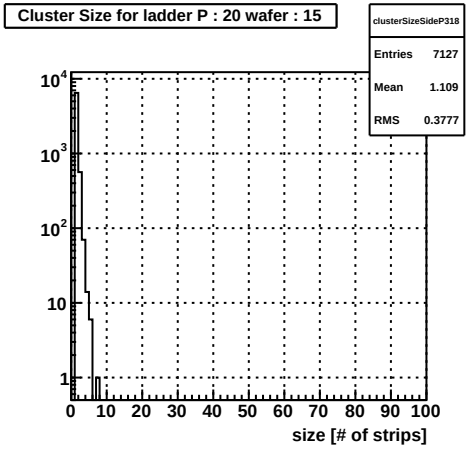

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 350
Mean 1.151
RMS 0.4566
size [# of strips]

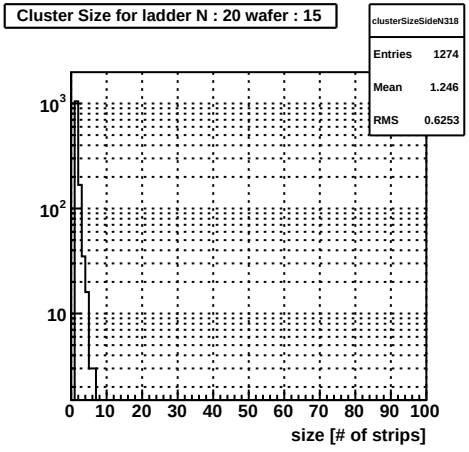

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1829
Mean 1.341
RMS 0.9064
size [# of strips]

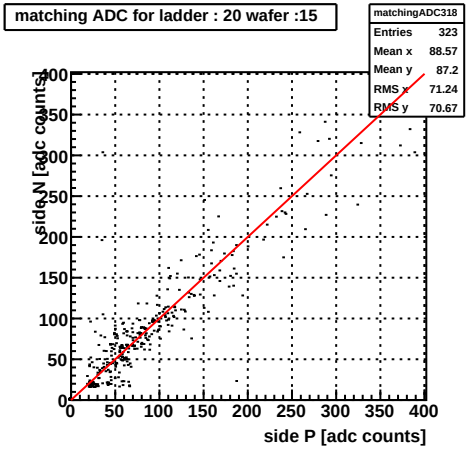

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 225
Mean x 114.2
Mean y 114.4
RMS x 67.62
RMS y 76.8
side N [adc counts]
side P [adc counts]

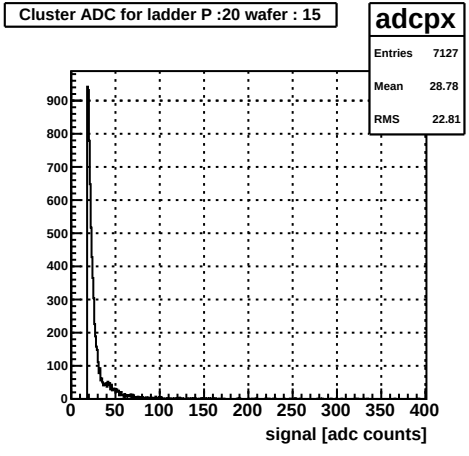

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 350
Mean 91.93
RMS 58.45
signal [adc counts]

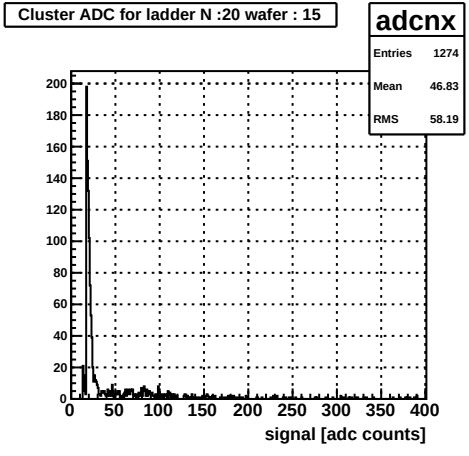

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1829
Mean 43.2
RMS 51.41
signal [adc counts]

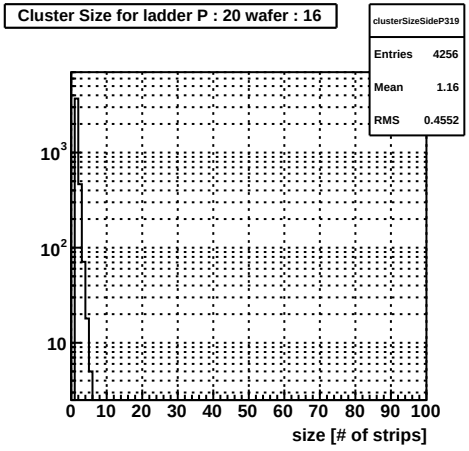

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7127
Mean 1.109
RMS 0.3777
size [# of strips]

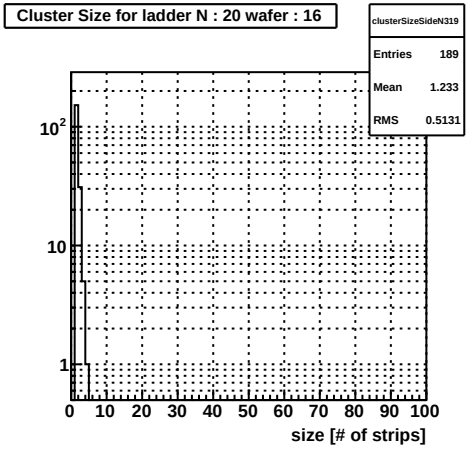

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1274
Mean 1.246
RMS 0.6253
size [# of strips]

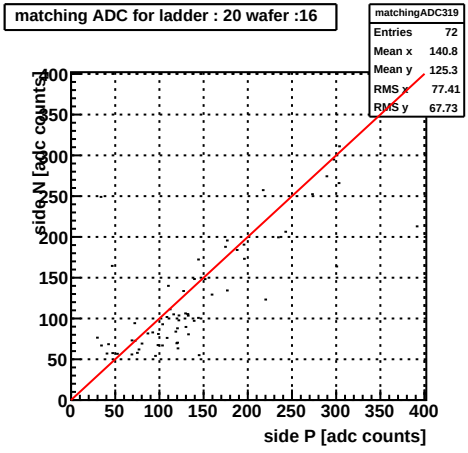

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 323
Mean x 88.57
Mean y 87.2
RMS x 71.24
RMS y 70.67
side N [adc counts]
side P [adc counts]

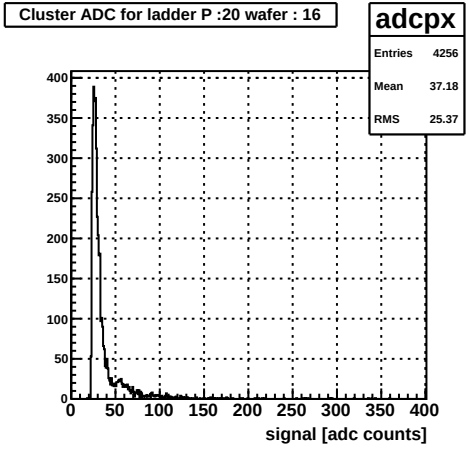

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7127
Mean 28.78
RMS 22.81
signal [adc counts]

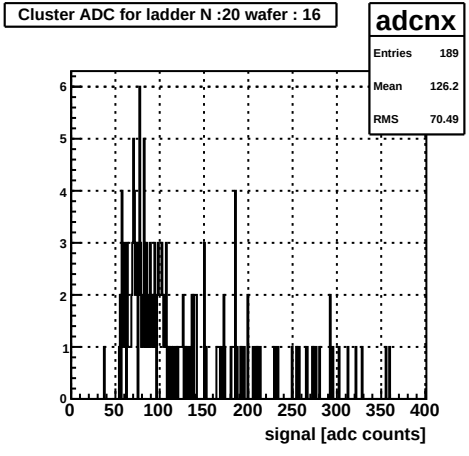

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1274
Mean 46.83
RMS 58.19
signal [adc counts]

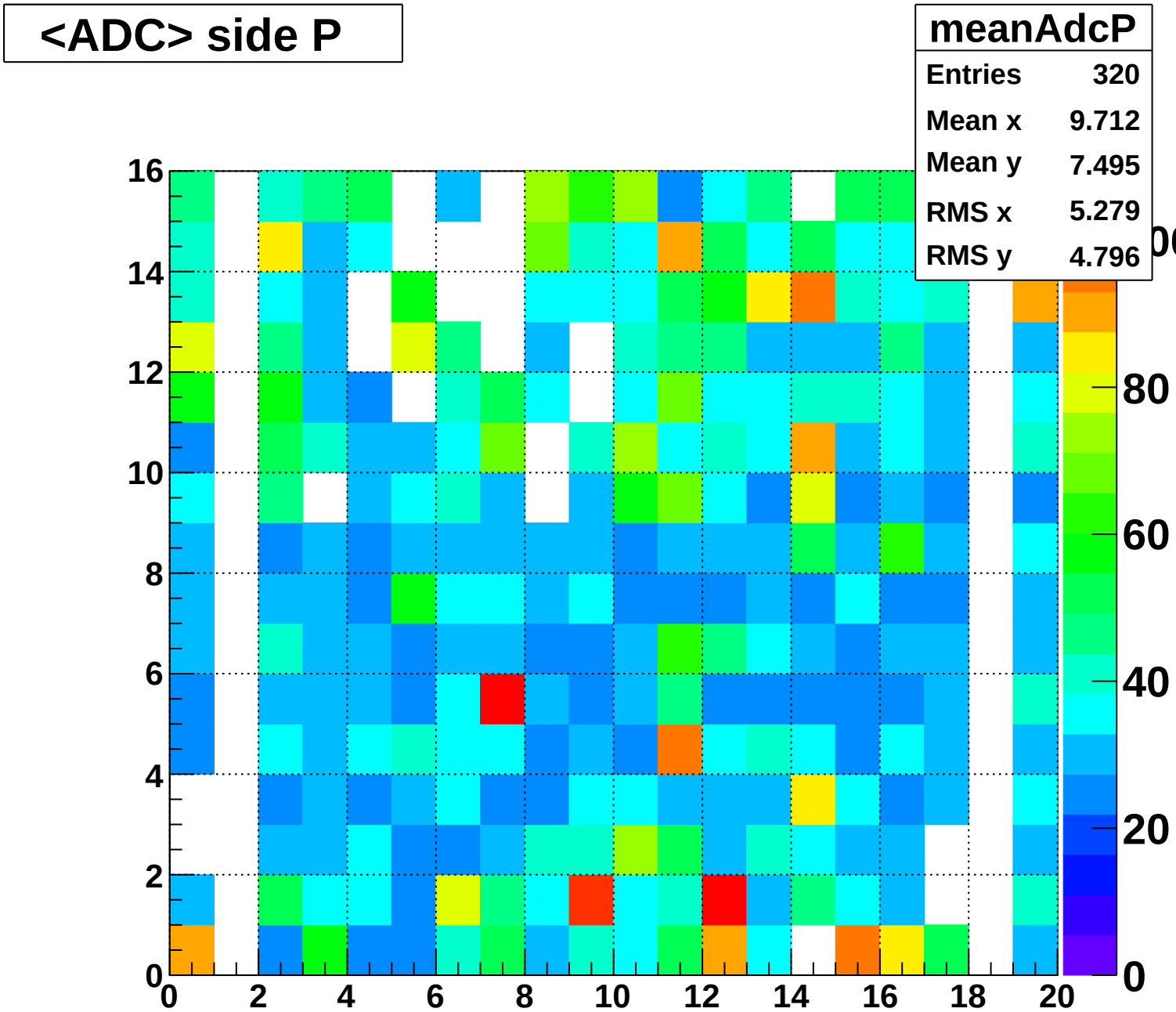

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 4256
Mean 1.16
RMS 0.4552
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 189
Mean 1.233
RMS 0.5131
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 72
Mean x 140.8
Mean y 125.3
RMS x 77.41
RMS y 67.73
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 4256
Mean 37.18
RMS 25.37
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 189
Mean 126.2
RMS 70.49
signal [adc counts]

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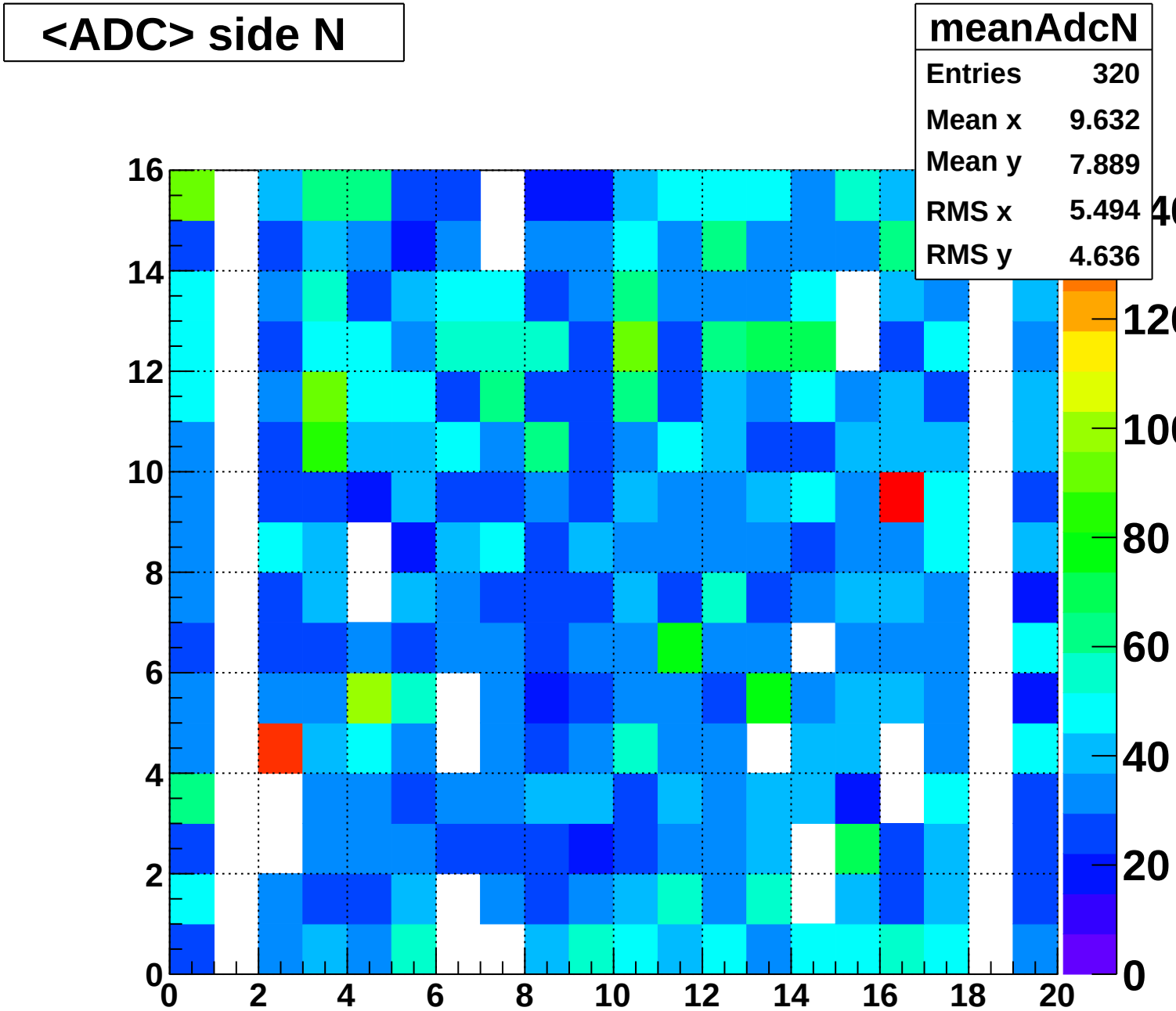


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