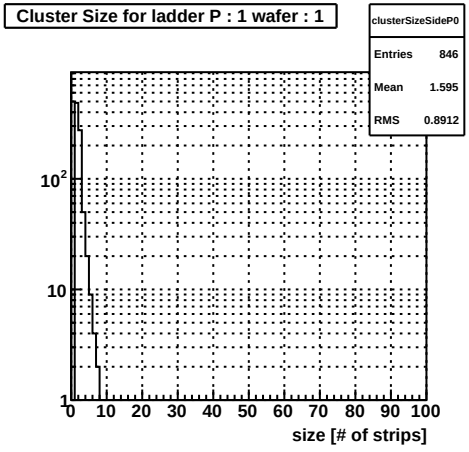
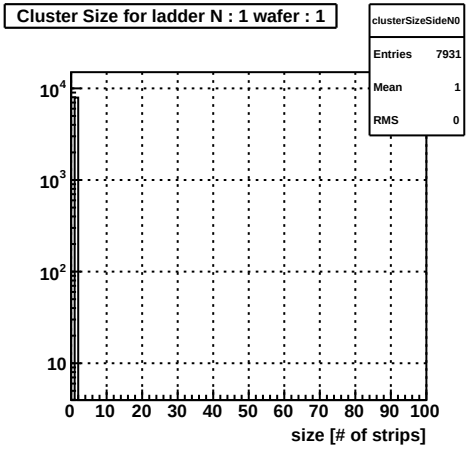
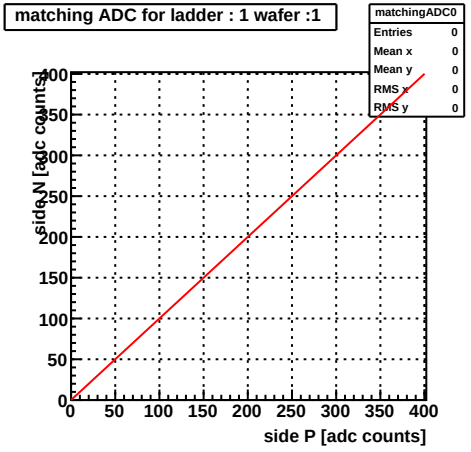
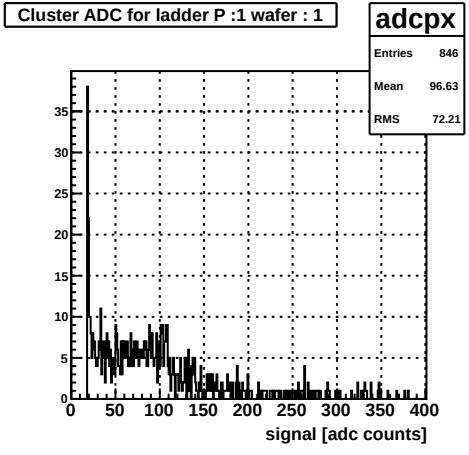
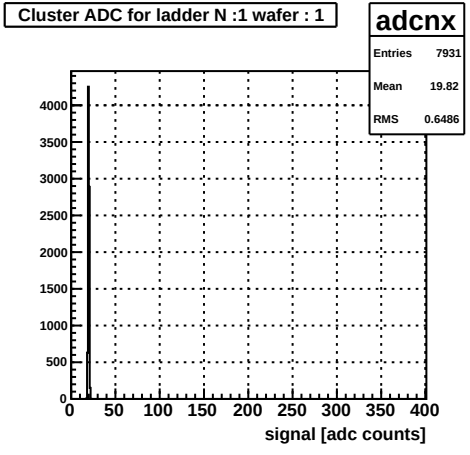
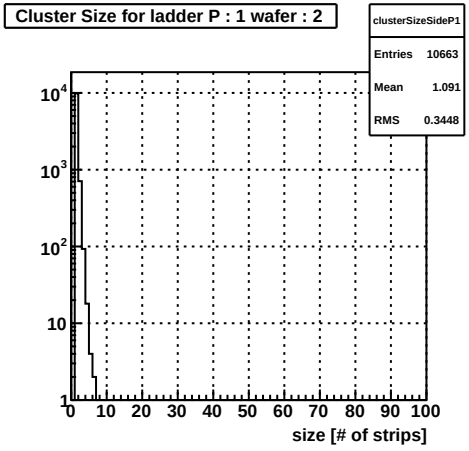

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 846
Mean 1.595
RMS 0.8912
size [# of strips]

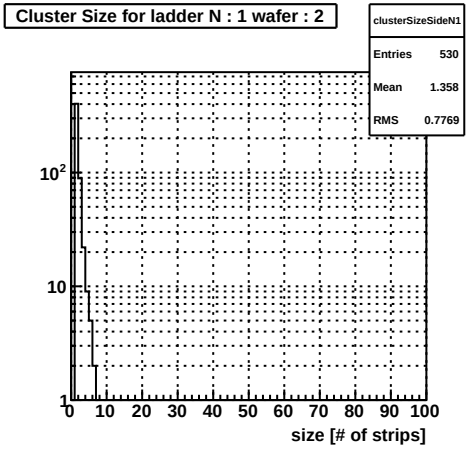

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 7931
Mean 1
RMS 0
size [# of strips]

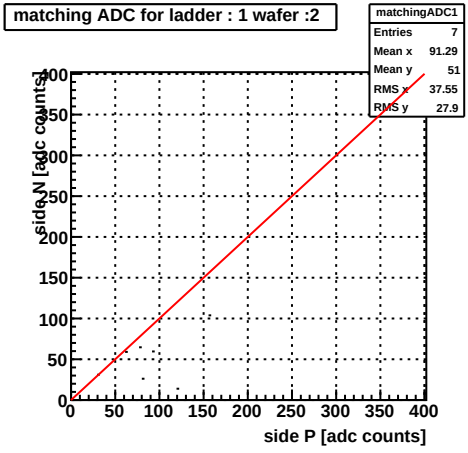

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

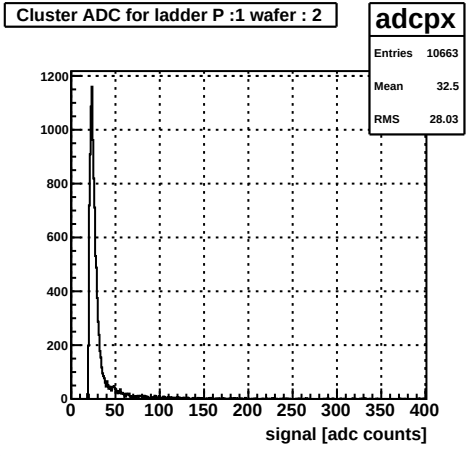

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 846
Mean 96.63
RMS 72.21
signal [adc counts]

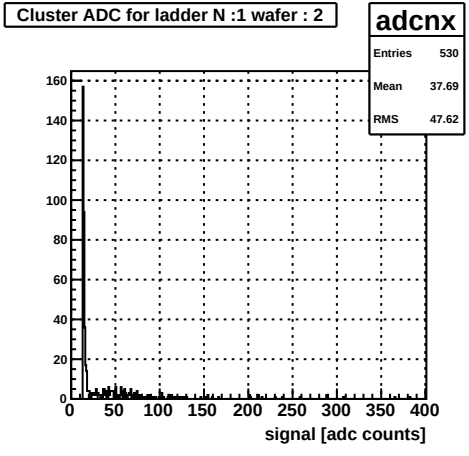

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 7931
Mean 19.82
RMS 0.6486
signal [adc counts]

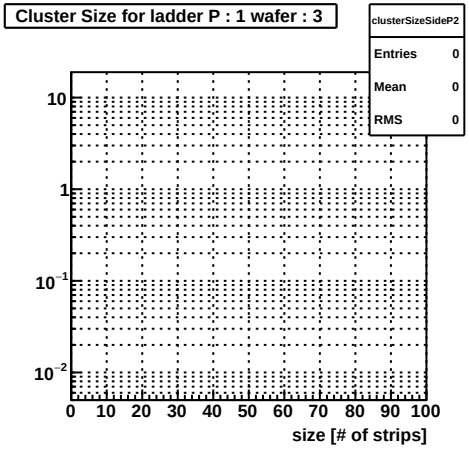

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 10663
Mean 1.091
RMS 0.3448
size [# of strips]

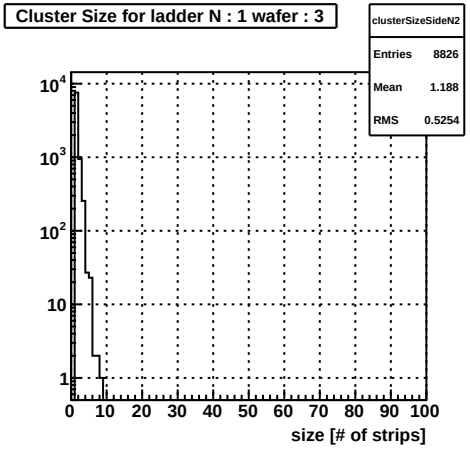

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 530
Mean 1.358
RMS 0.7769
size [# of strips]

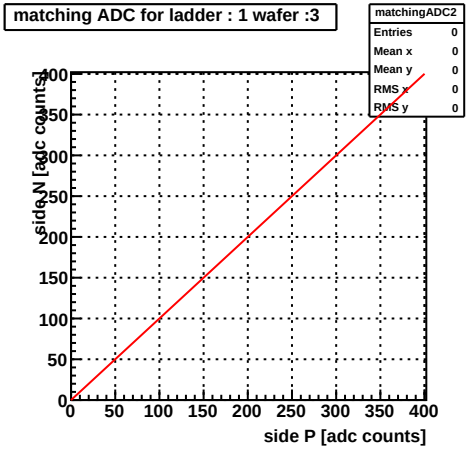

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 7
Mean x 91.29
Mean y 51
RMS x 37.55
RMS y 27.9
side N [adc counts]
side P [adc counts]

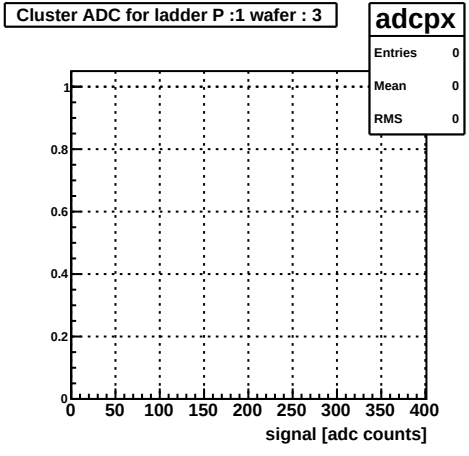

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 10663
Mean 32.5
RMS 28.03
signal [adc counts]

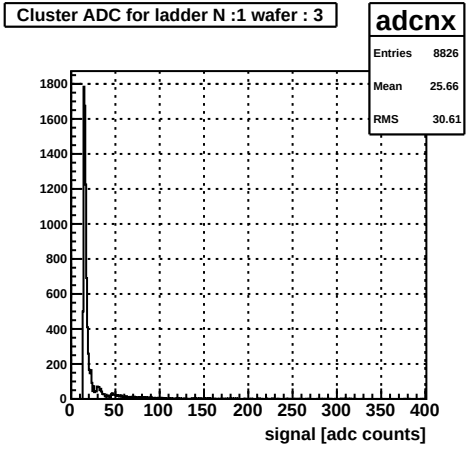

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 530
Mean 37.69
RMS 47.62
signal [adc counts]

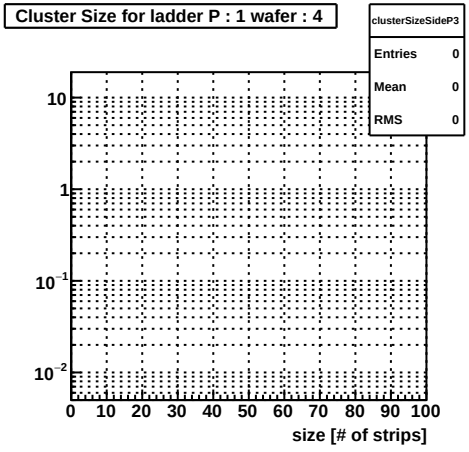

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

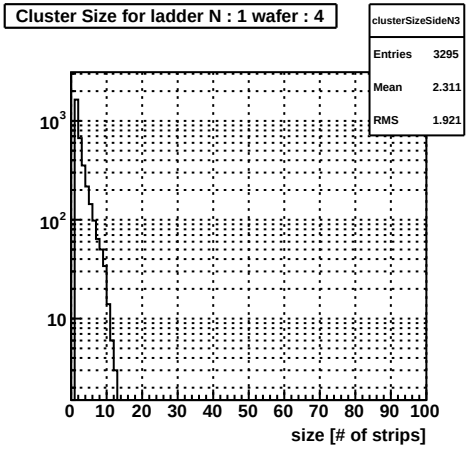

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8826
Mean 1.188
RMS 0.5254
size [# of strips]

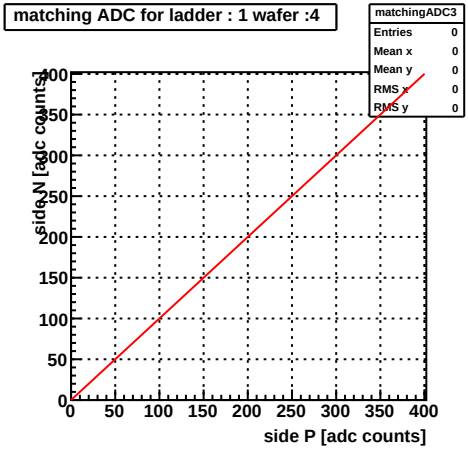

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

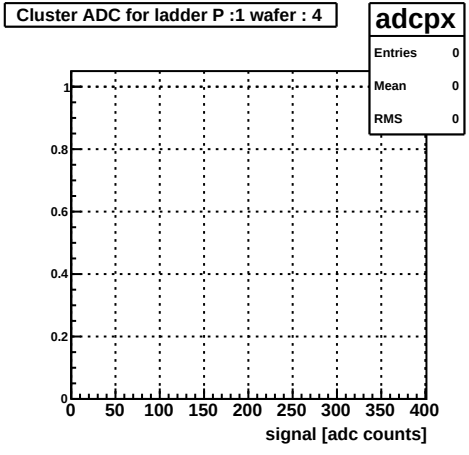

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

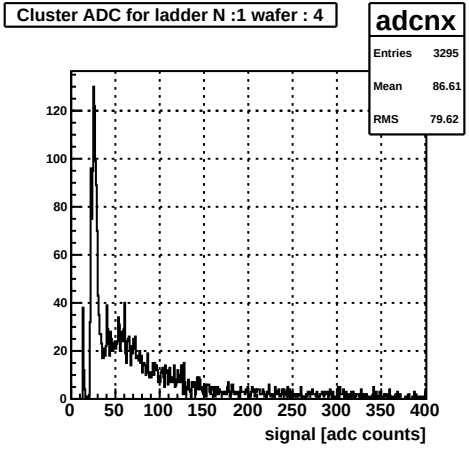

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8826
Mean 25.66
RMS 30.61
signal [adc counts]

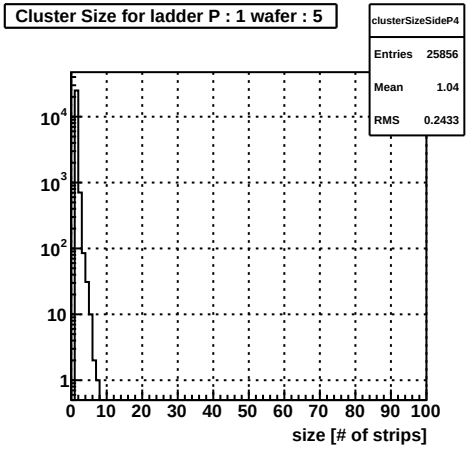

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

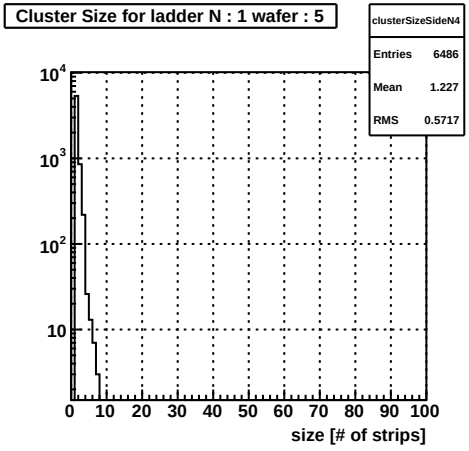

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3295
Mean 2.311
RMS 1.921
size [# of strips]

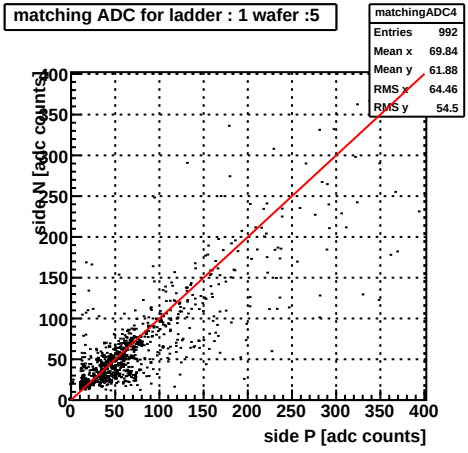

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

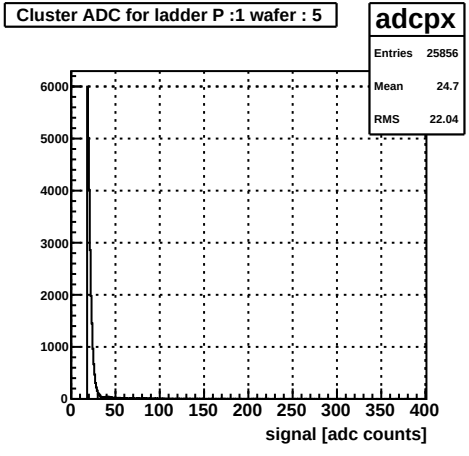

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

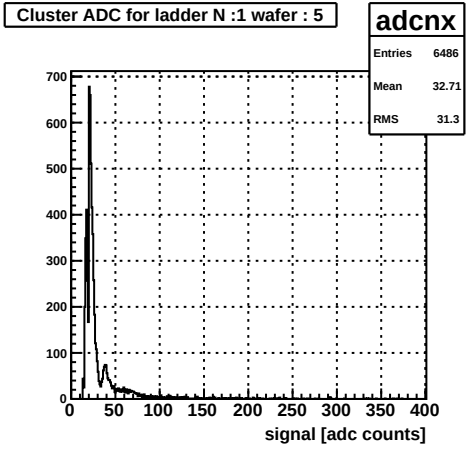

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3295
Mean 86.61
RMS 79.62
signal [adc counts]

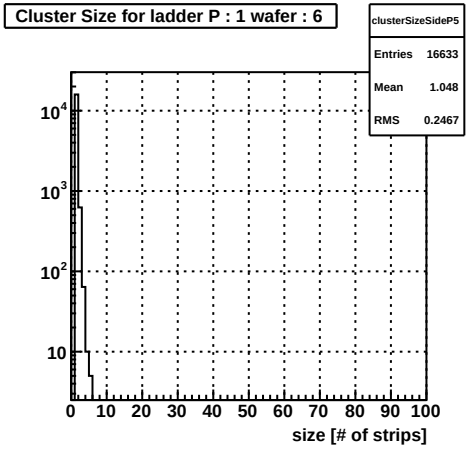

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25856
Mean 1.04
RMS 0.2433
size [# of strips]

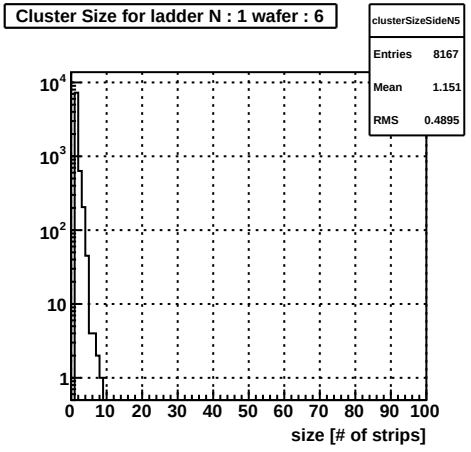

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 6486
Mean 1.227
RMS 0.5717
size [# of strips]

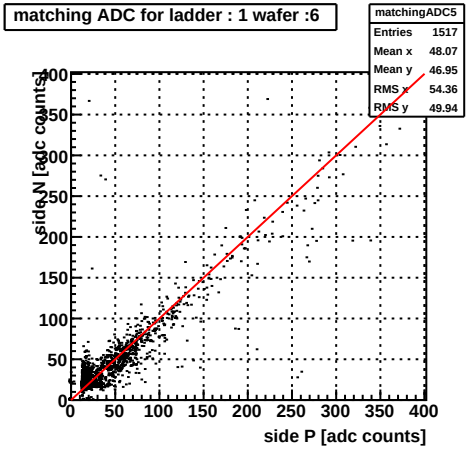

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 992
Mean x 69.84
Mean y 61.88
RMS x 64.46
RMS y 54.5
side N [adc counts]
side P [adc counts]

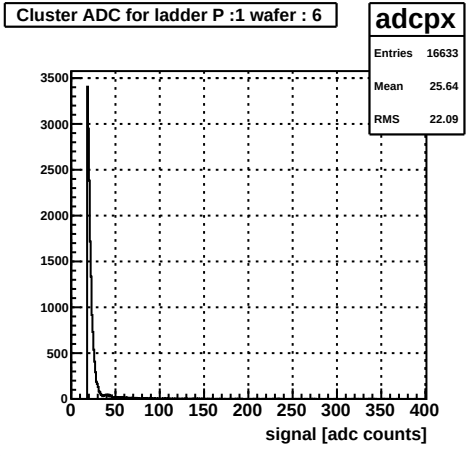

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25856
Mean 24.7
RMS 22.04
signal [adc counts]

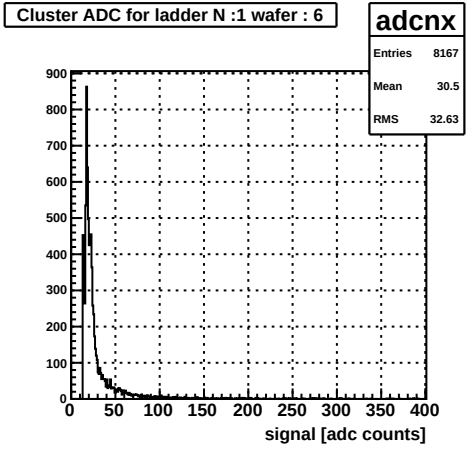

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 6486
Mean 32.71
RMS 31.3
signal [adc counts]

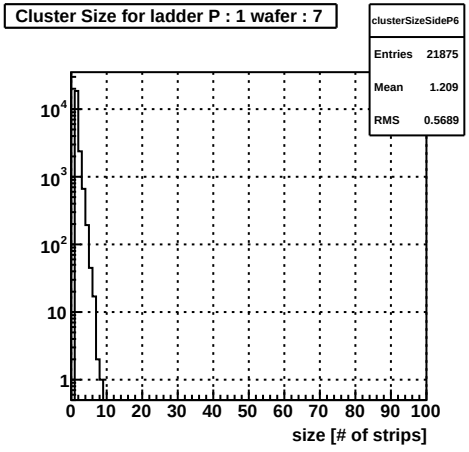

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 16633
Mean 1.048
RMS 0.2467
size [# of strips]

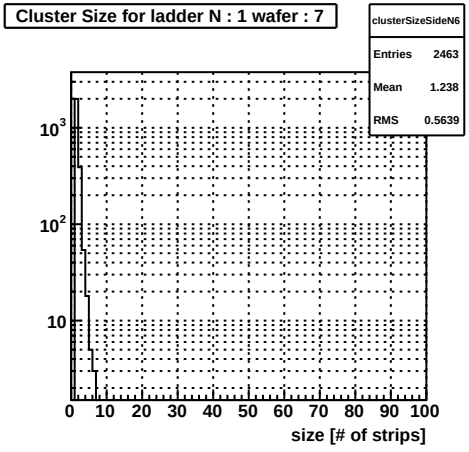

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 8167
Mean 1.151
RMS 0.4895
size [# of strips]

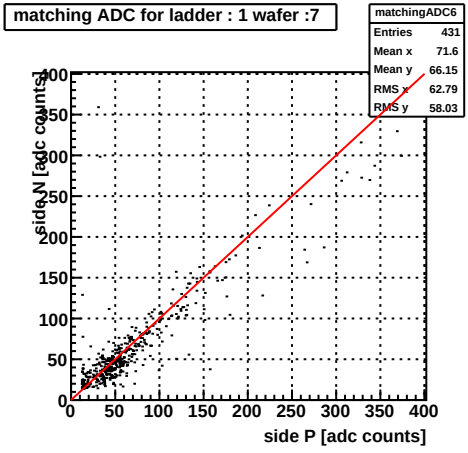

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1517
Mean x 48.07
Mean y 46.95
RMS x 54.36
RMS y 49.94
side N [adc counts]
side P [adc counts]

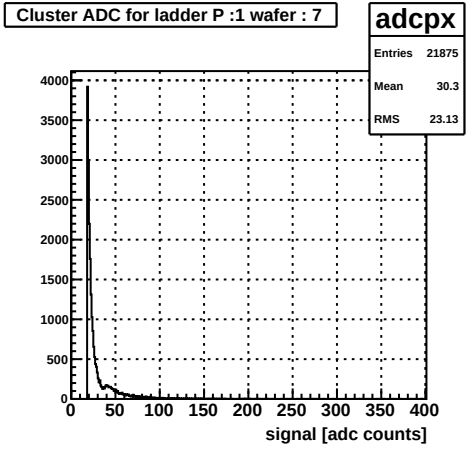

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 16633
Mean 25.64
RMS 22.09
signal [adc counts]

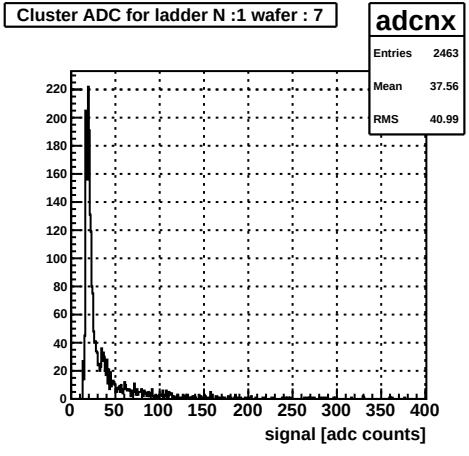

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 8167
Mean 30.5
RMS 32.63
signal [adc counts]

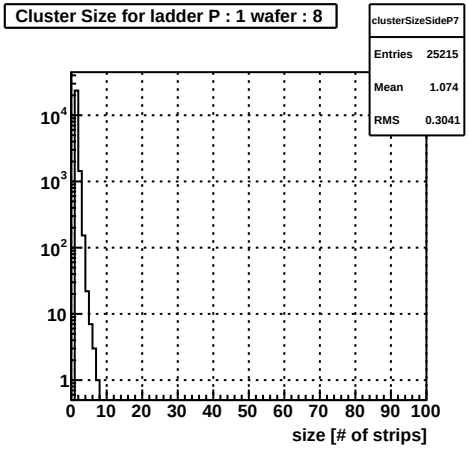

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 21875
Mean 1.209
RMS 0.5689
size [# of strips]

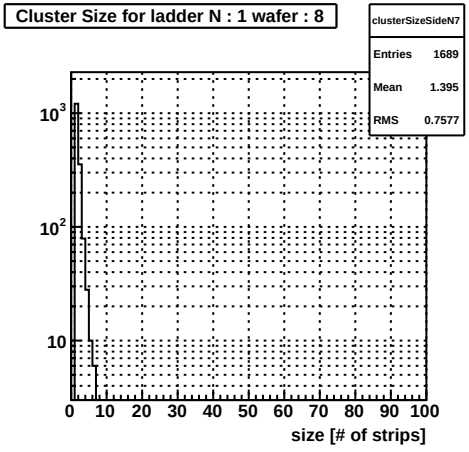

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2463
Mean 1.238
RMS 0.5639
size [# of strips]

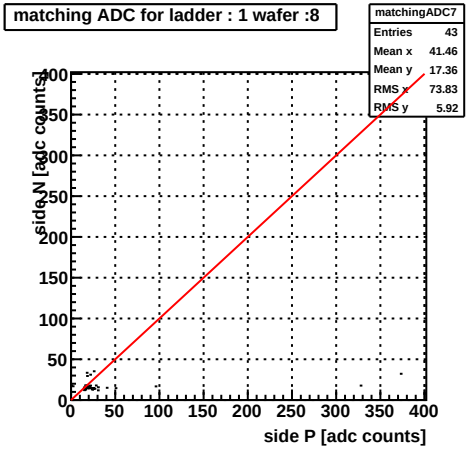

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 431
Mean x 71.6
Mean y 66.15
RMS x 62.79
RMS y 58.03
side N [adc counts]
side P [adc counts]

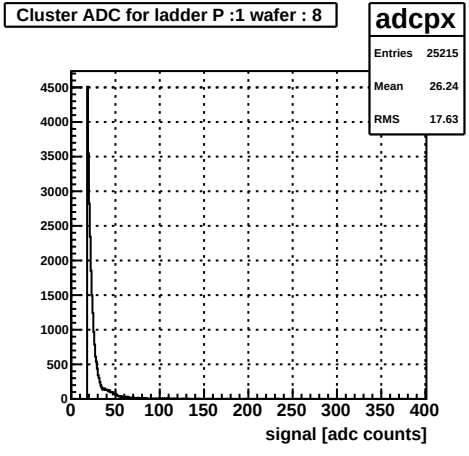

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 21875
Mean 30.3
RMS 23.13
signal [adc counts]

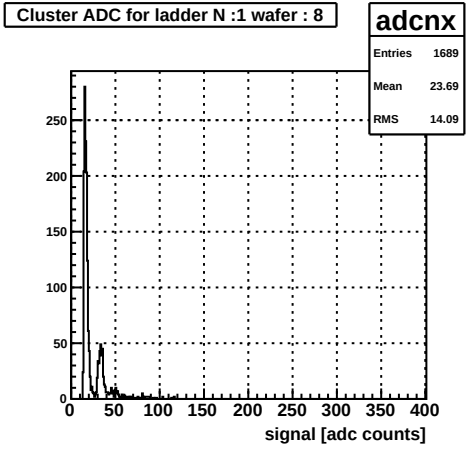

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2463
Mean 37.56
RMS 40.99
signal [adc counts]

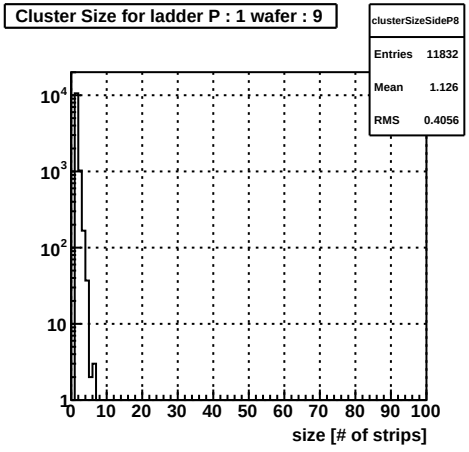

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 25215
Mean 1.074
RMS 0.3041
size [# of strips]

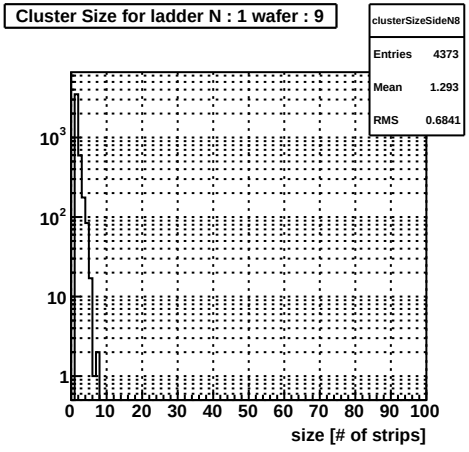

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1689
Mean 1.395
RMS 0.7577
size [# of strips]

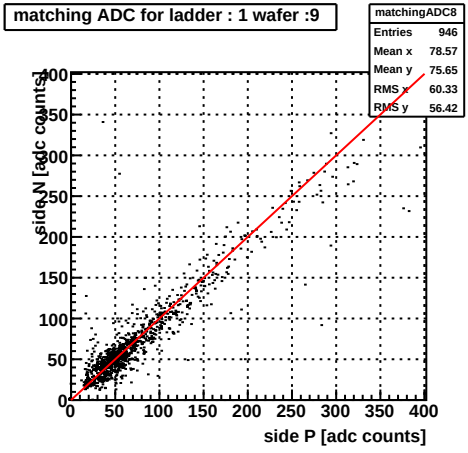

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 43
Mean x 41.46
Mean y 17.36
RMS x 73.83
RMS y 5.92
side N [adc counts]
side P [adc counts]

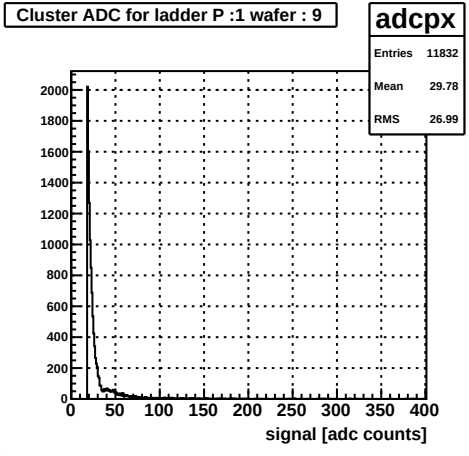

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 25215
Mean 26.24
RMS 17.63
signal [adc counts]

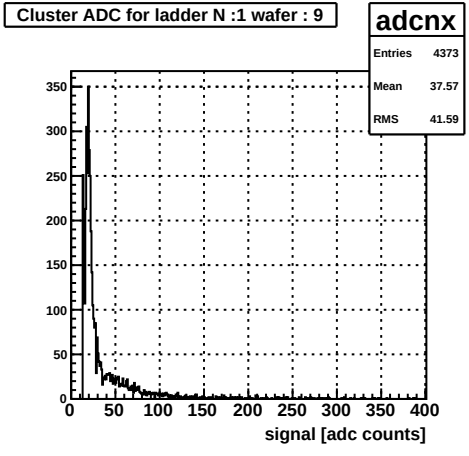

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1689
Mean 23.69
RMS 14.09
signal [adc counts]

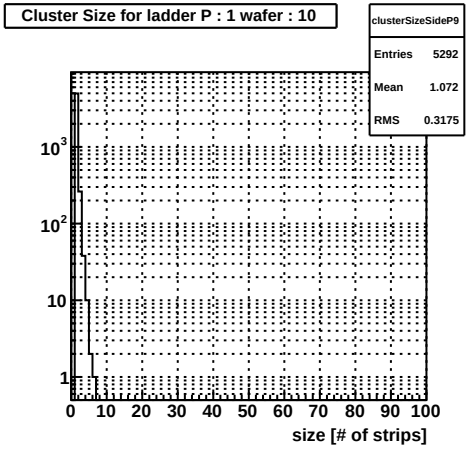

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 11832
Mean 1.126
RMS 0.4056
size [# of strips]

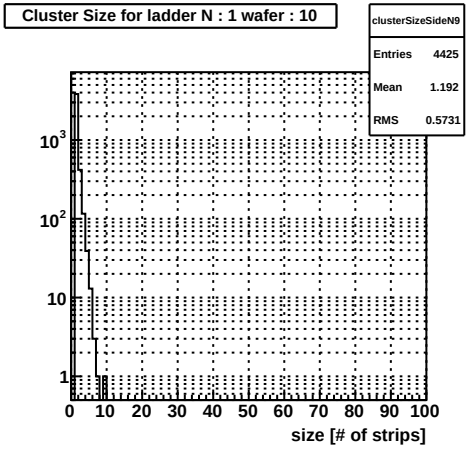

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4373
Mean 1.293
RMS 0.6841
size [# of strips]

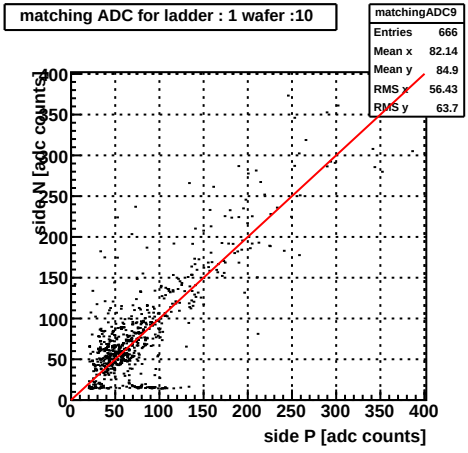

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 946
Mean x 78.57
Mean y 75.65
RMS x 60.33
RMS y 56.42
side N [adc counts]
side P [adc counts]

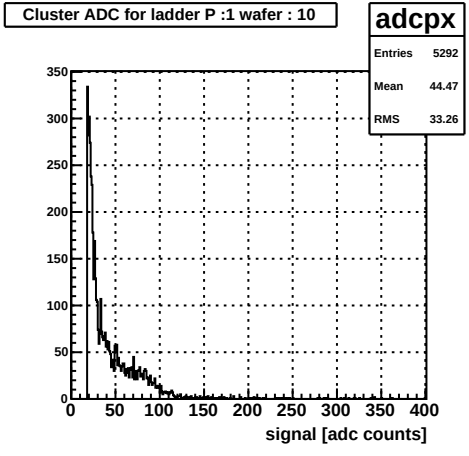

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 11832
Mean 29.78
RMS 26.99
signal [adc counts]

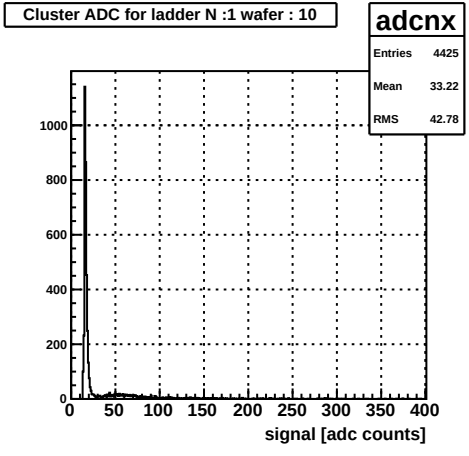

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4373
Mean 37.57
RMS 41.59
signal [adc counts]

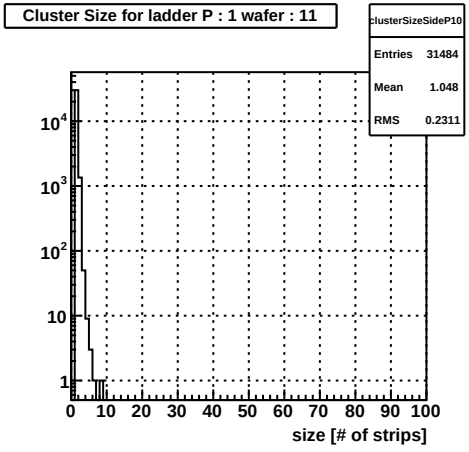

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 5292
Mean 1.072
RMS 0.3175
size [# of strips]

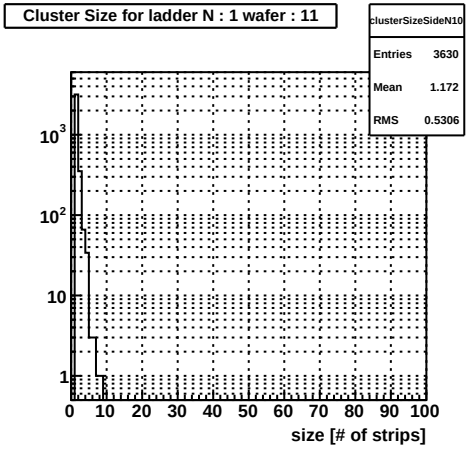

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 4425
Mean 1.192
RMS 0.5731
size [# of strips]

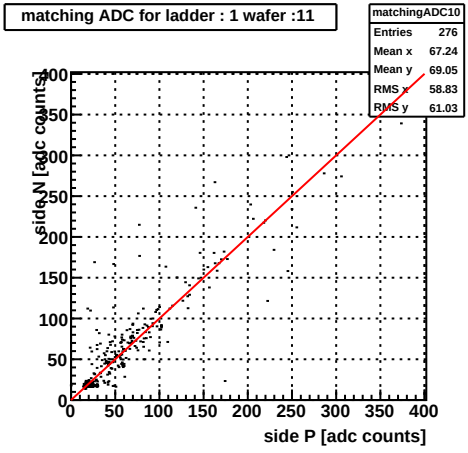

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 666
Mean x 82.14
Mean y 84.9
RMS x 56.43
RMS y 63.7
side N [adc counts]
side P [adc counts]

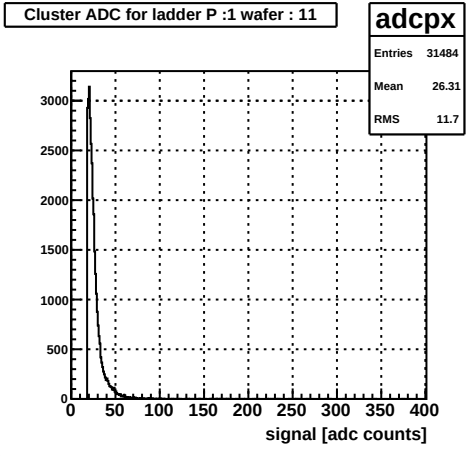

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 5292
Mean 44.47
RMS 33.26
signal [adc counts]

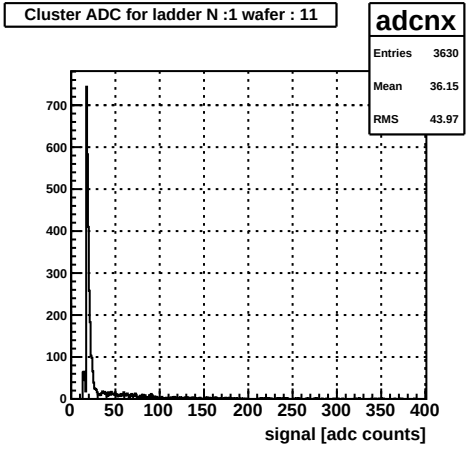

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 4425
Mean 33.22
RMS 42.78
signal [adc counts]

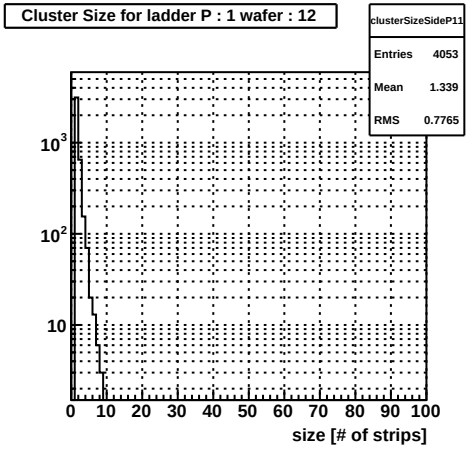

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 31484
Mean 1.048
RMS 0.2311
size [# of strips]

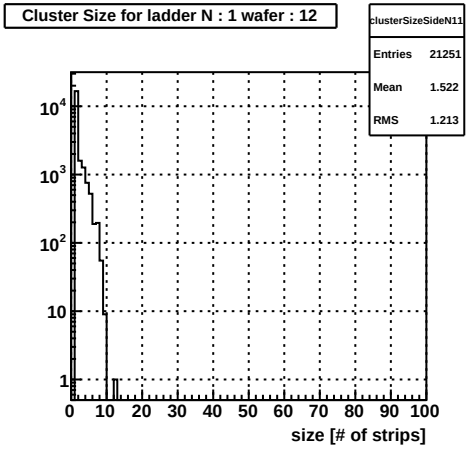

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 3630
Mean 1.172
RMS 0.5306
size [# of strips]

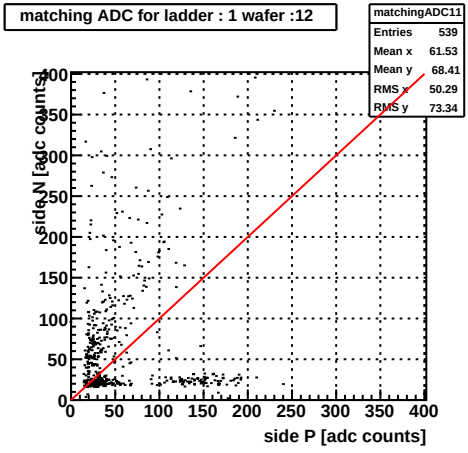

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 276
Mean x 67.24
Mean y 69.05
RMS x 58.83
RMS y 61.03
side N [adc counts]
side P [adc counts]

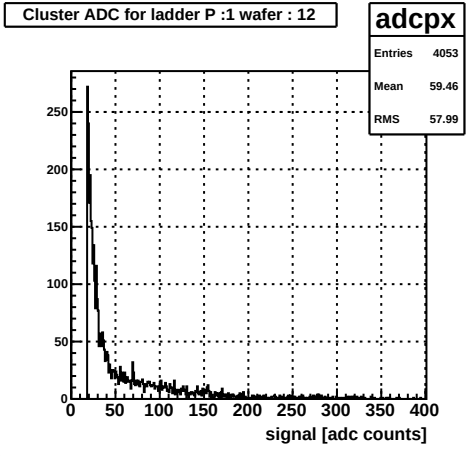

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 31484
Mean 26.31
RMS 11.7
signal [adc counts]

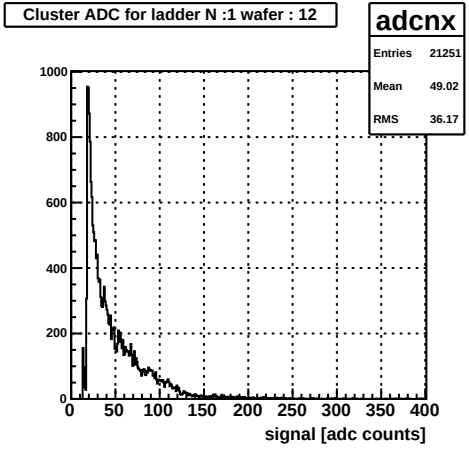

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 3630
Mean 36.15
RMS 43.97
signal [adc counts]

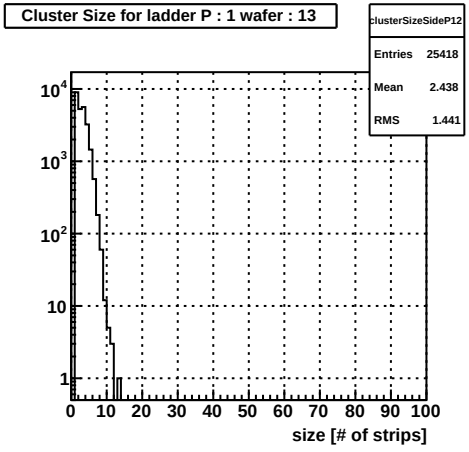

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4053
Mean 1.339
RMS 0.7765
size [# of strips]

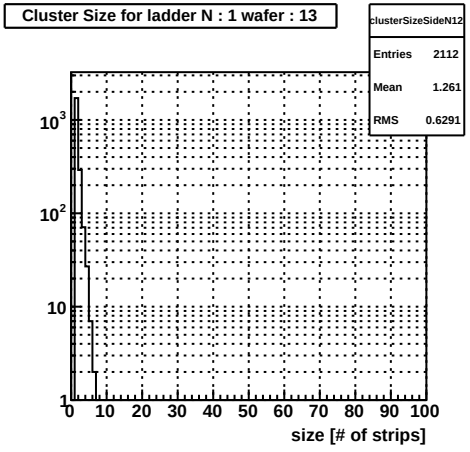

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 21251
Mean 1.522
RMS 1.213
size [# of strips]

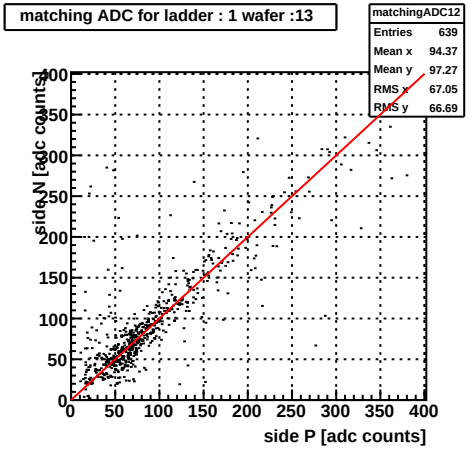

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 539
Mean x 61.53
Mean y 68.41
RMS x 50.29
RMS y 73.34
side N [adc counts]
side P [adc counts]

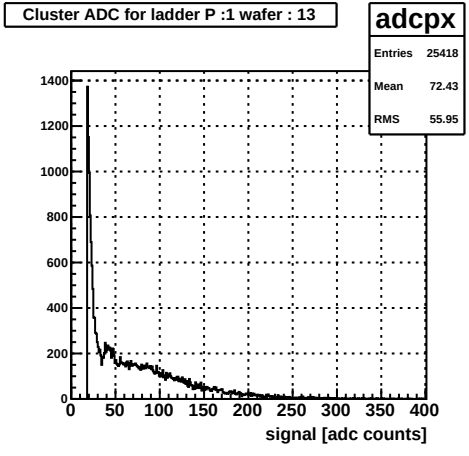

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4053
Mean 59.46
RMS 57.99
signal [adc counts]

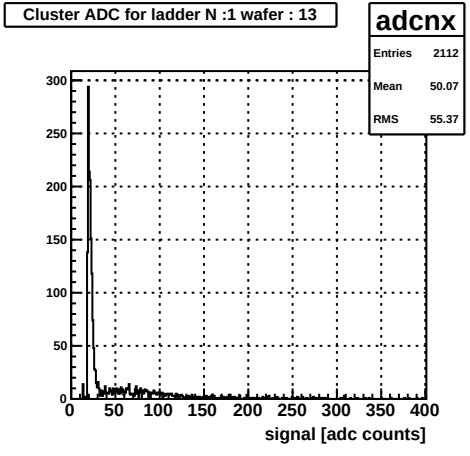

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 21251
Mean 49.02
RMS 36.17
signal [adc counts]

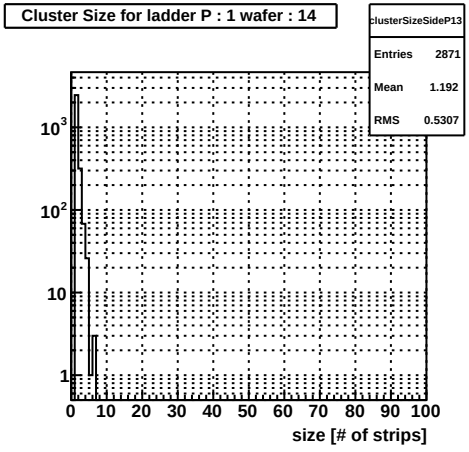

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 25418
Mean 2.438
RMS 1.441
size [# of strips]

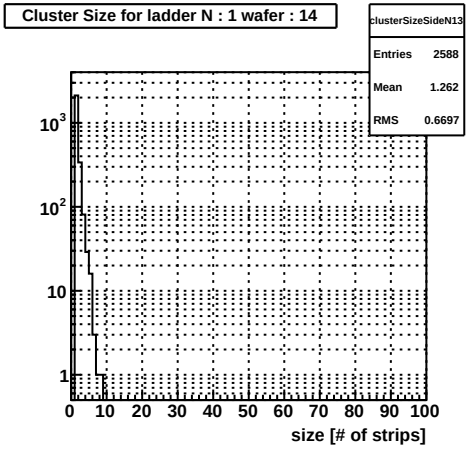

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2112
Mean 1.261
RMS 0.6291
size [# of strips]

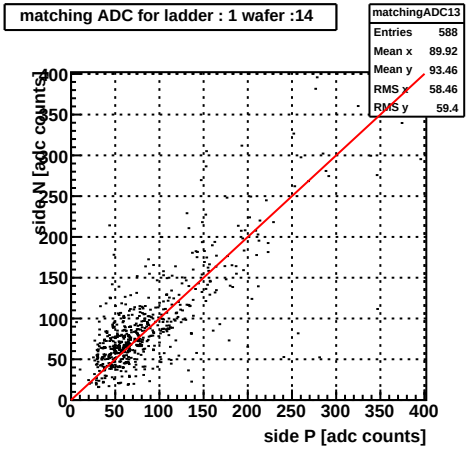

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 639
Mean x 94.37
Mean y 97.27
RMS x 67.05
RMS y 66.69
side N [adc counts]
side P [adc counts]

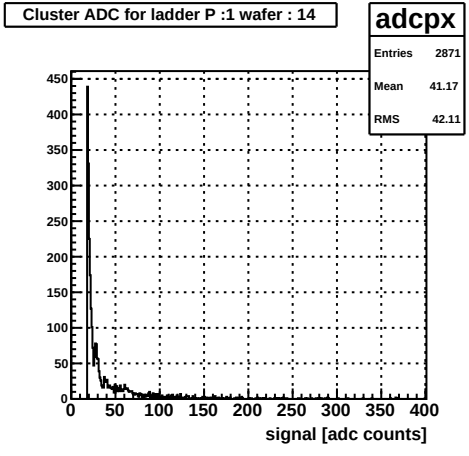

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 25418
Mean 72.43
RMS 55.95
signal [adc counts]

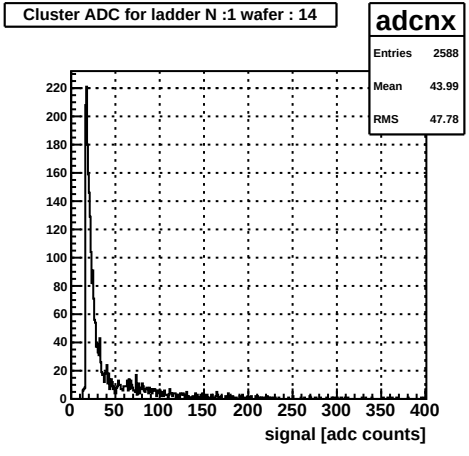

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2112
Mean 50.07
RMS 55.37
signal [adc counts]

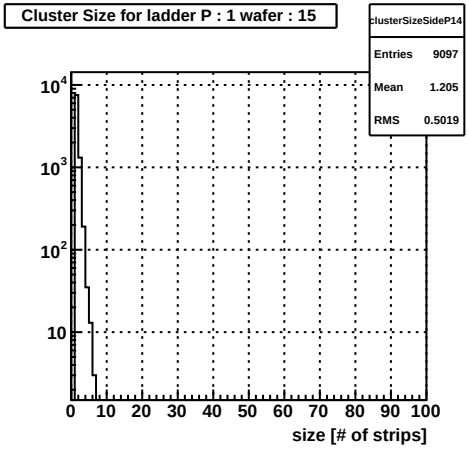

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2871
Mean 1.192
RMS 0.5307
size [# of strips]

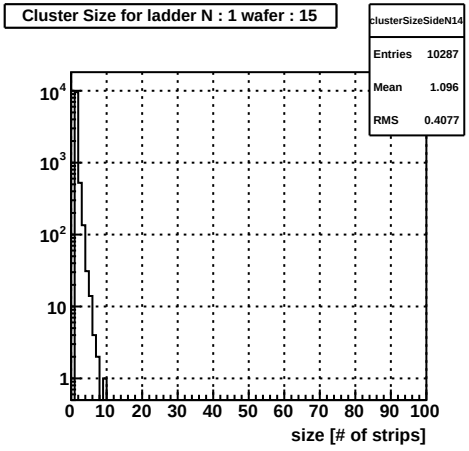

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2588
Mean 1.262
RMS 0.6697
size [# of strips]

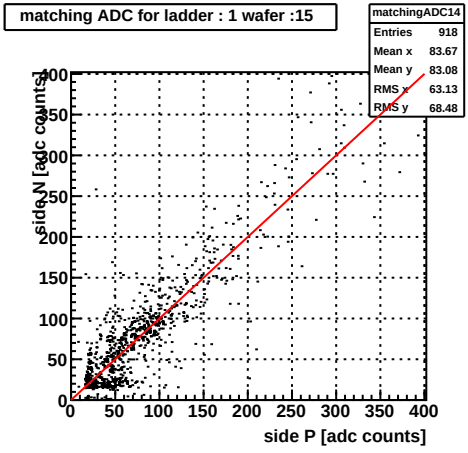

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 588
Mean x 89.92
Mean y 93.46
RMS x 58.46
RMS y 59.4
side N [adc counts]
side P [adc counts]

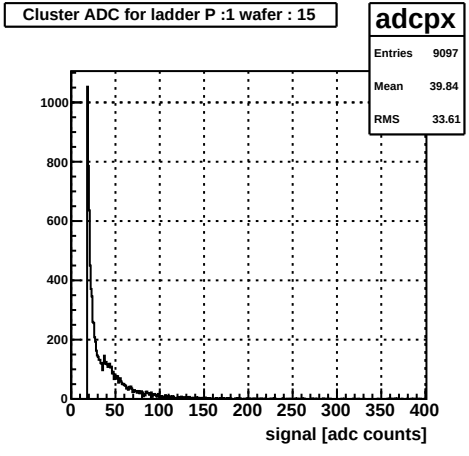

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2871
Mean 41.17
RMS 42.11
signal [adc counts]

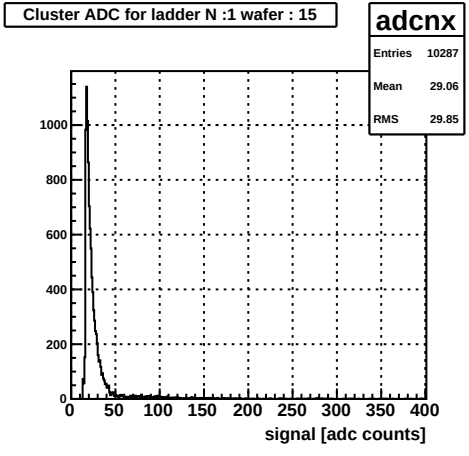

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2588
Mean 43.99
RMS 47.78
signal [adc counts]

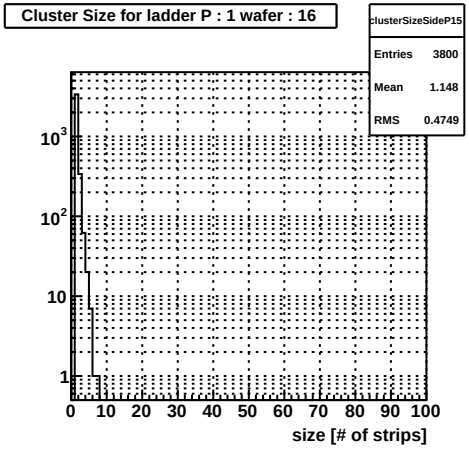

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 9097
Mean 1.205
RMS 0.5019
size [# of strips]

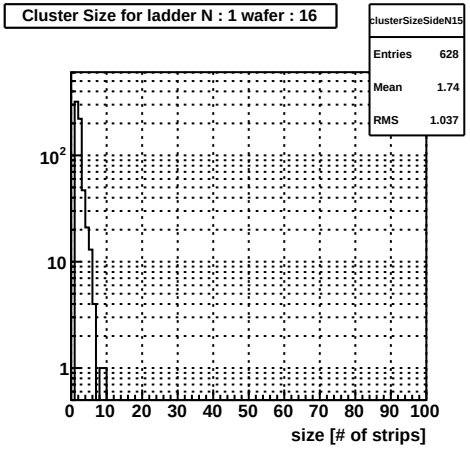

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 10287
Mean 1.096
RMS 0.4077
size [# of strips]

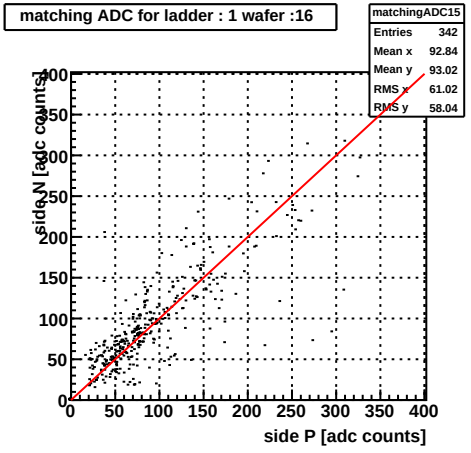

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 918
Mean x 83.67
Mean y 83.08
RMS x 63.13
RMS y 68.48
side N [adc counts]
side P [adc counts]

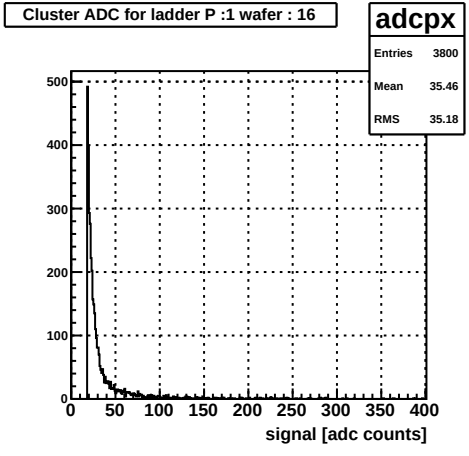

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 9097
Mean 39.84
RMS 33.61
signal [adc counts]

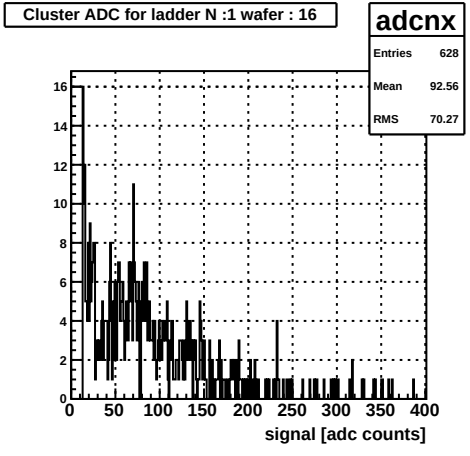

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 10287
Mean 29.06
RMS 29.85
signal [adc counts]

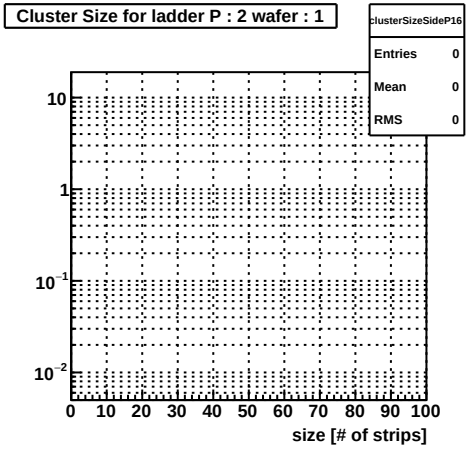

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 3800
Mean 1.148
RMS 0.4749
size [# of strips]

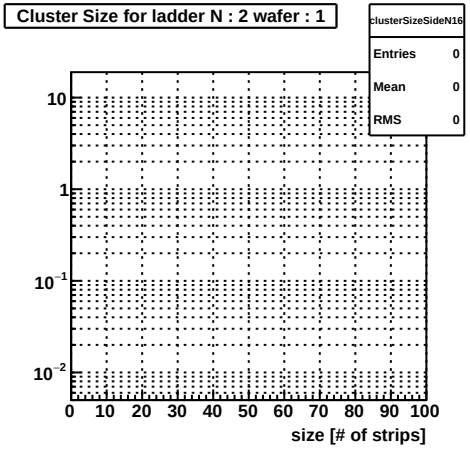

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 628
Mean 1.74
RMS 1.037
size [# of strips]

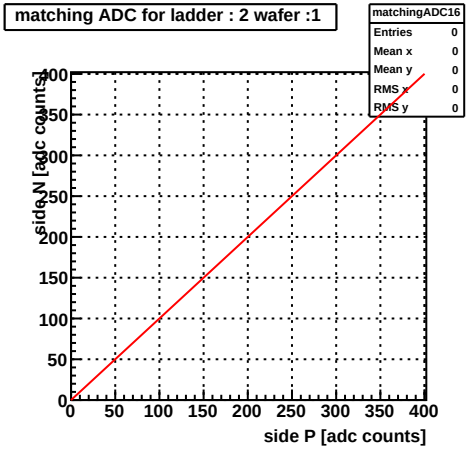

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 342
Mean x 92.84
Mean y 93.02
RMS x 61.02
RMS y 58.04
side N [adc counts]
side P [adc counts]

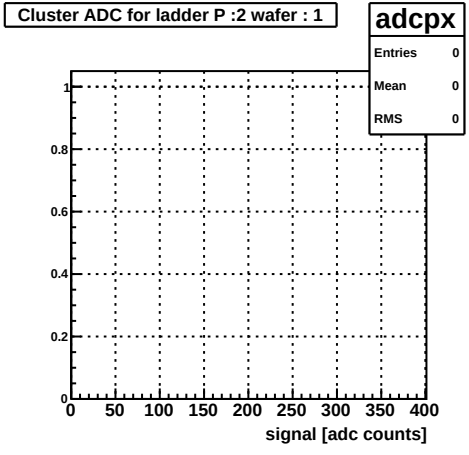

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 3800
Mean 35.46
RMS 35.18
signal [adc counts]

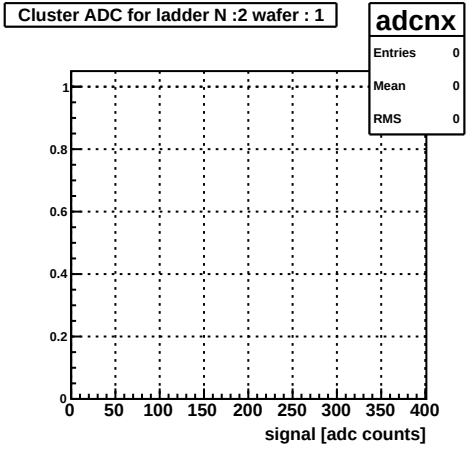

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 628
Mean 92.56
RMS 70.27
signal [adc counts]

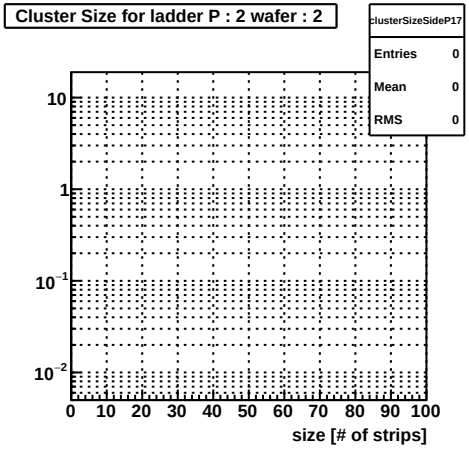

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

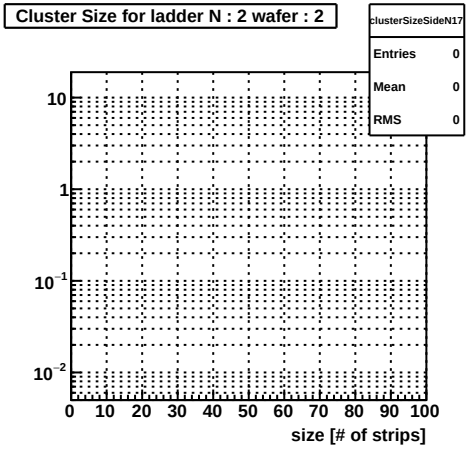

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

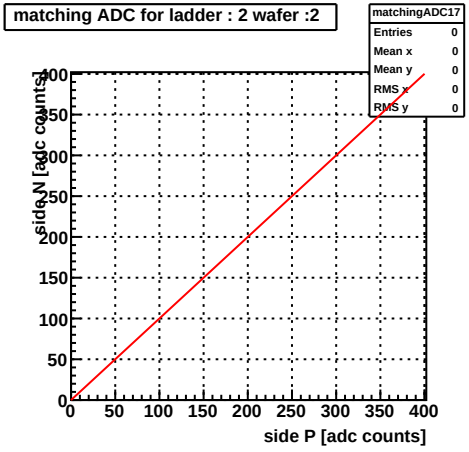

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

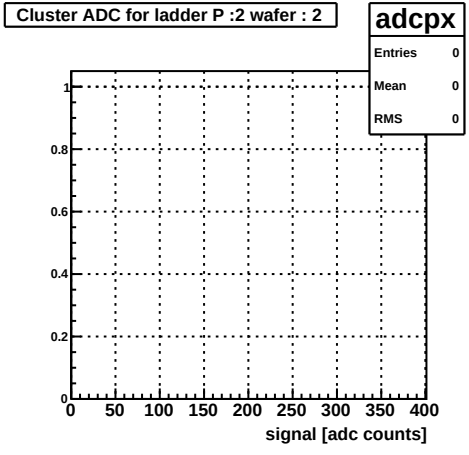

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

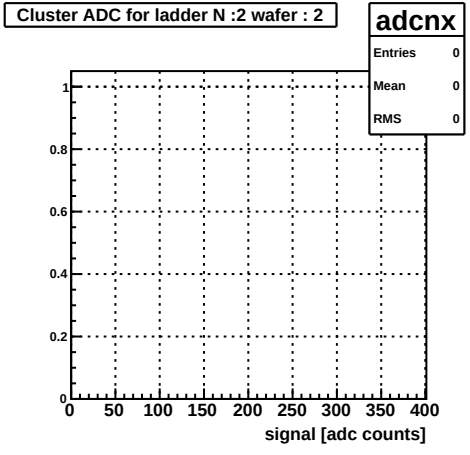

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

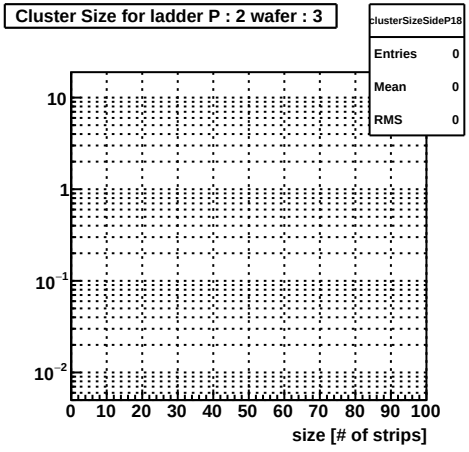

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

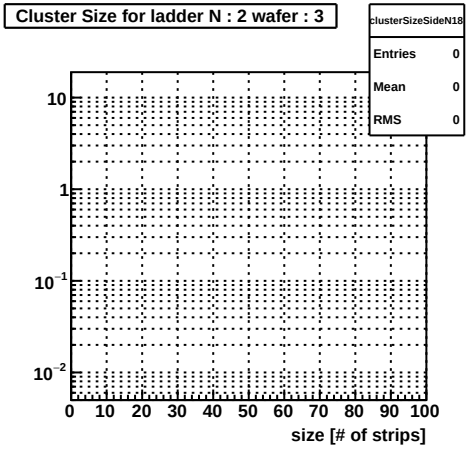

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

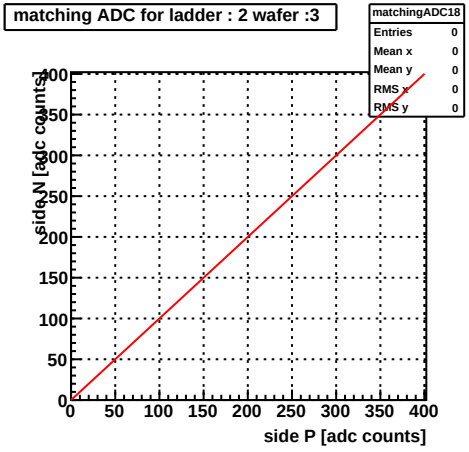

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

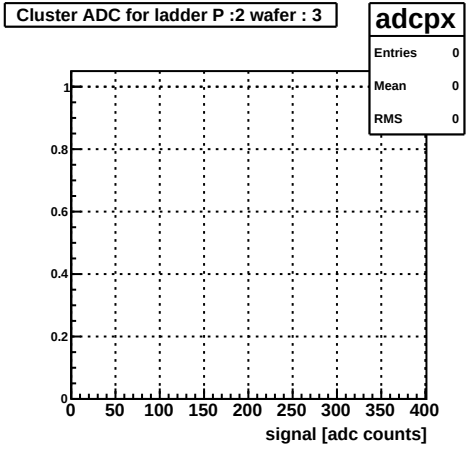

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

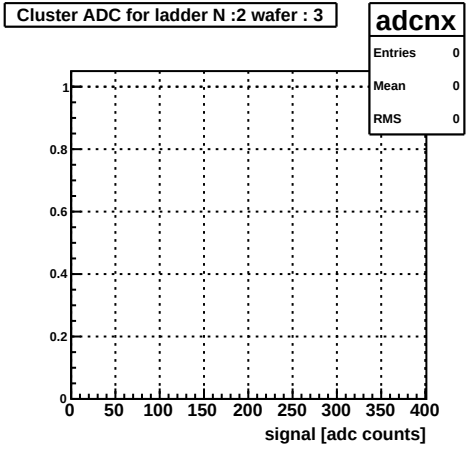

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

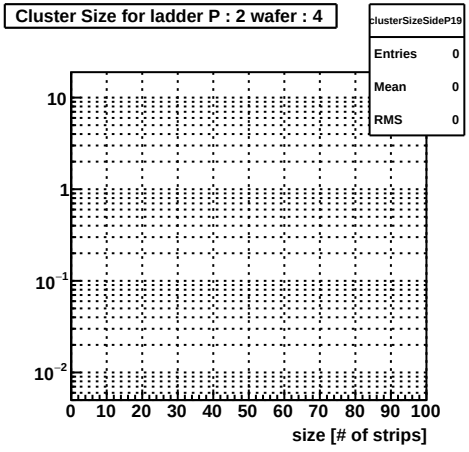

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

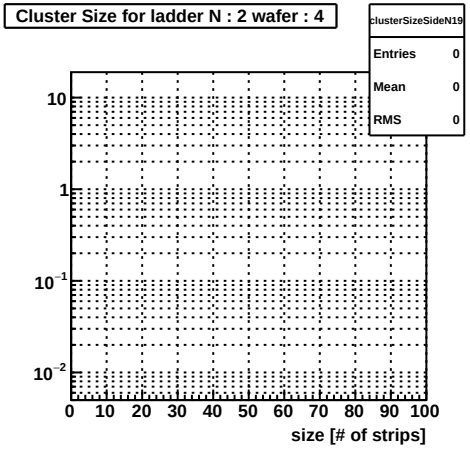

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

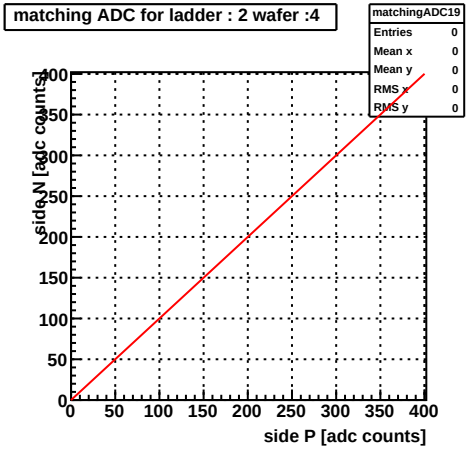

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

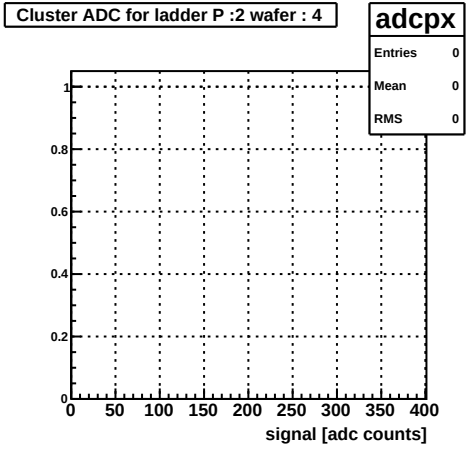

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

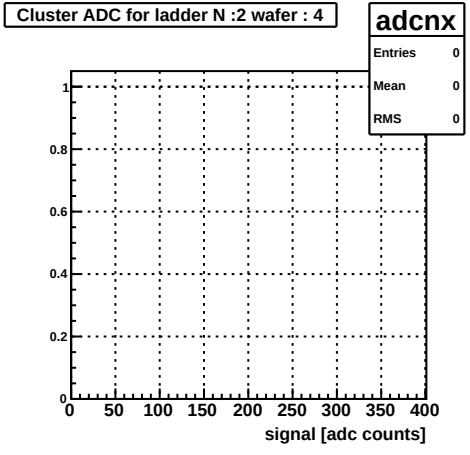

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

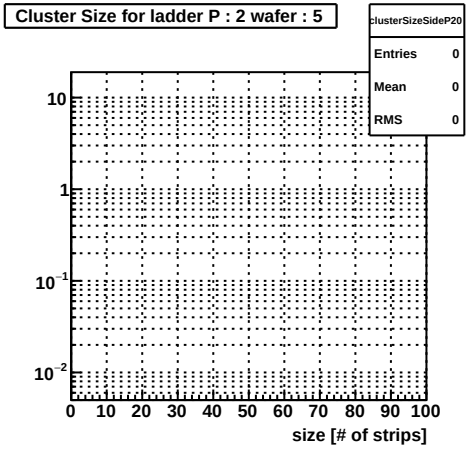

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

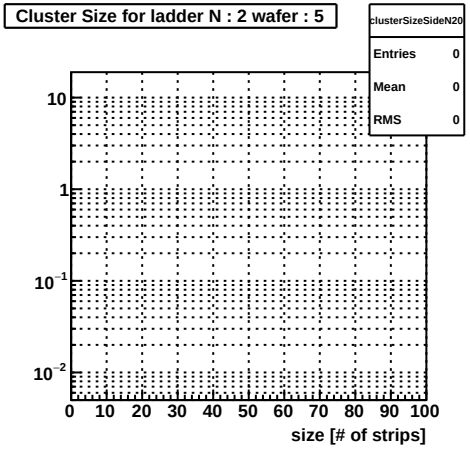

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

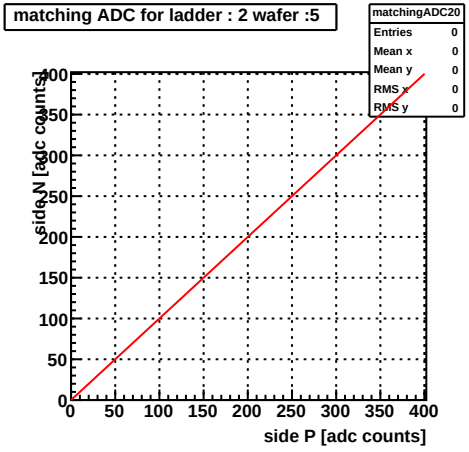

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

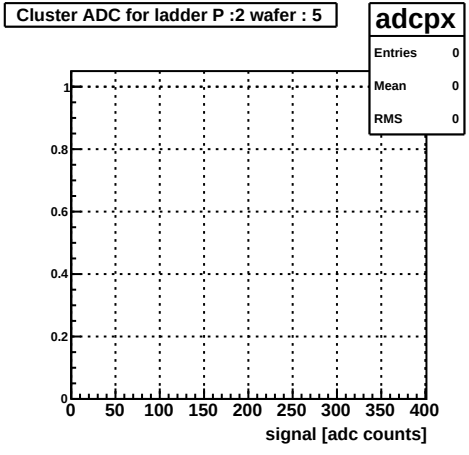

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

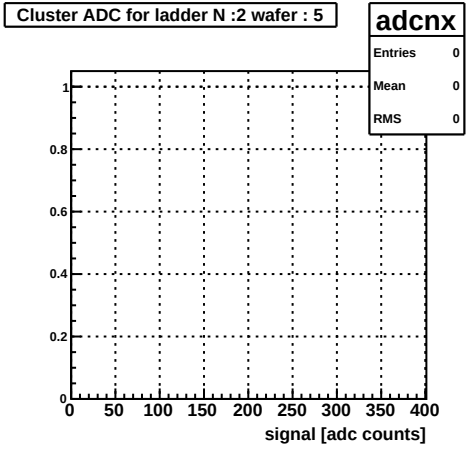

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

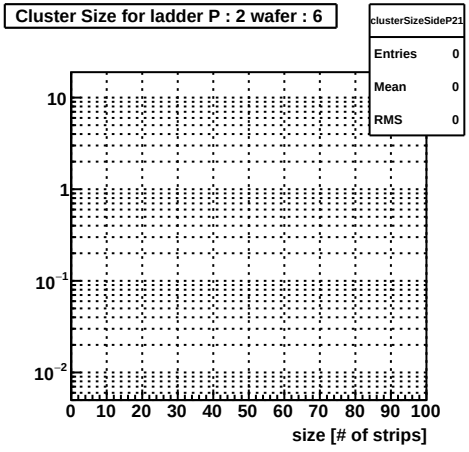

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

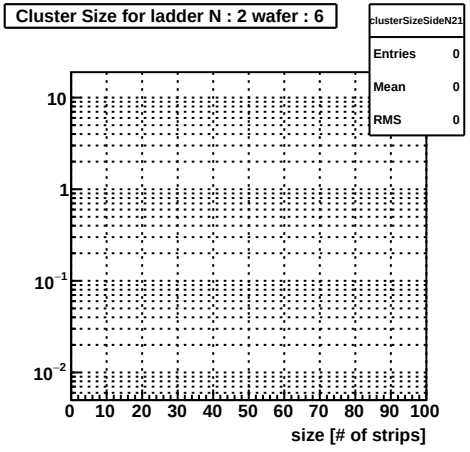

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

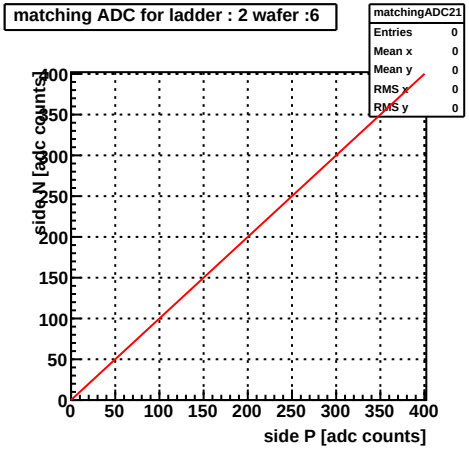

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

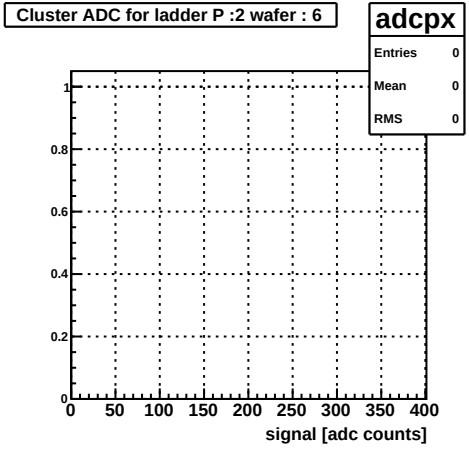

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

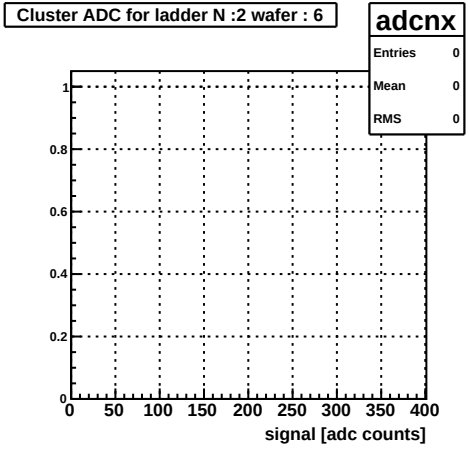

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

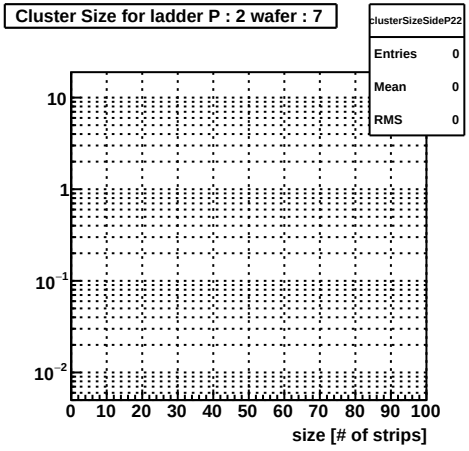

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

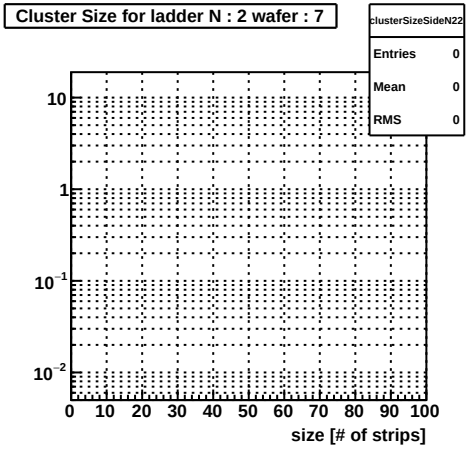

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

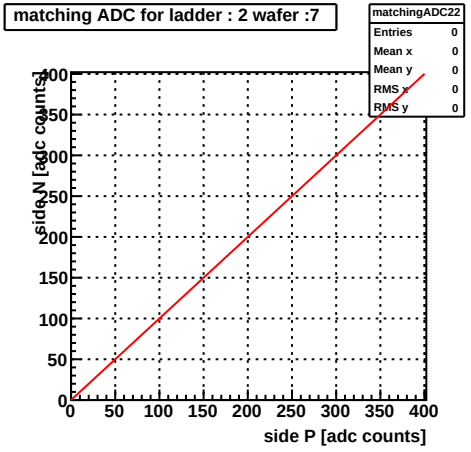

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

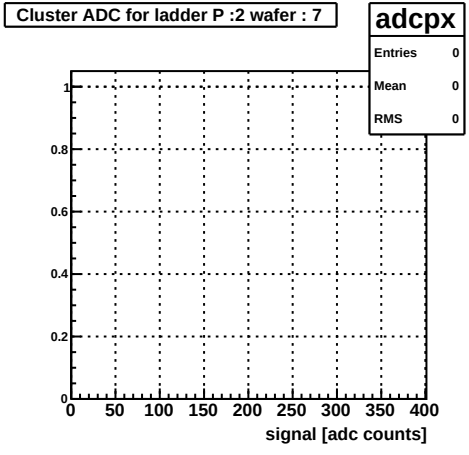

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

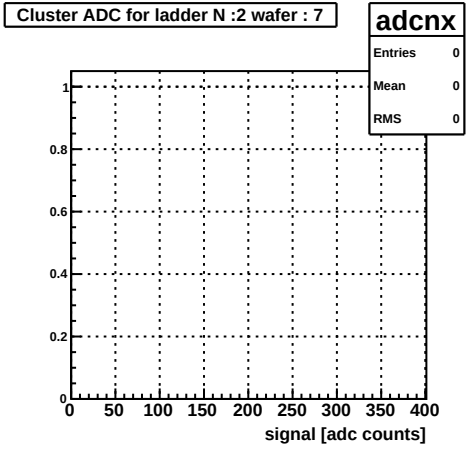

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

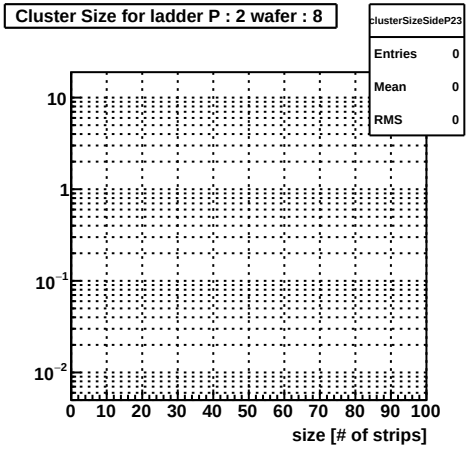

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

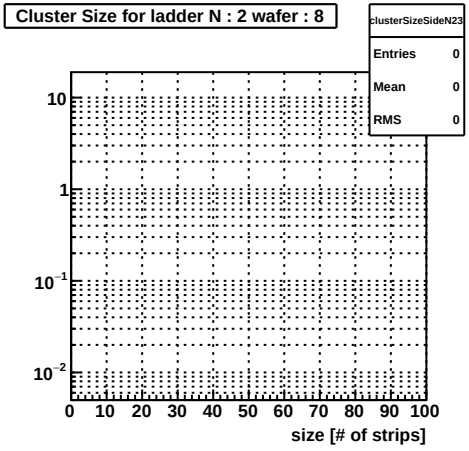

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

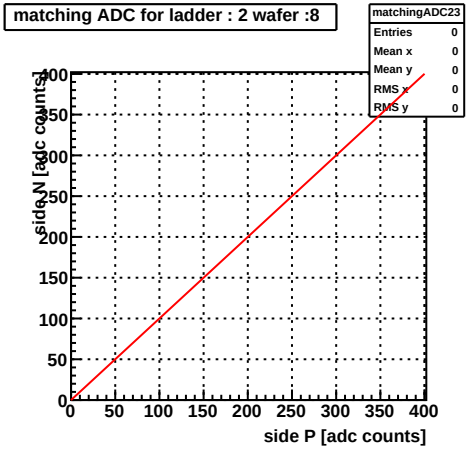

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

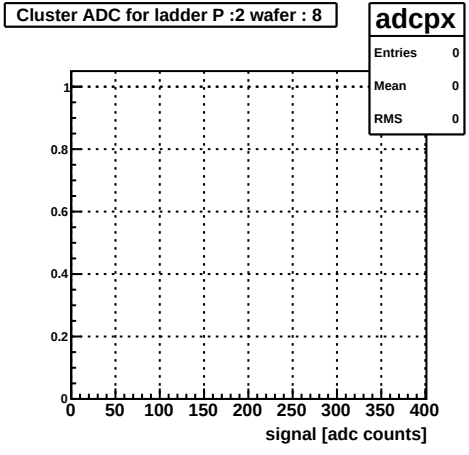

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

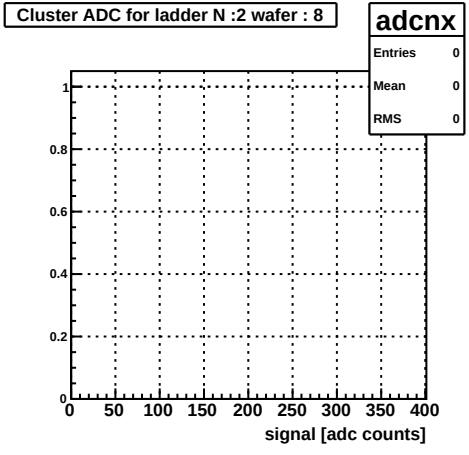

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

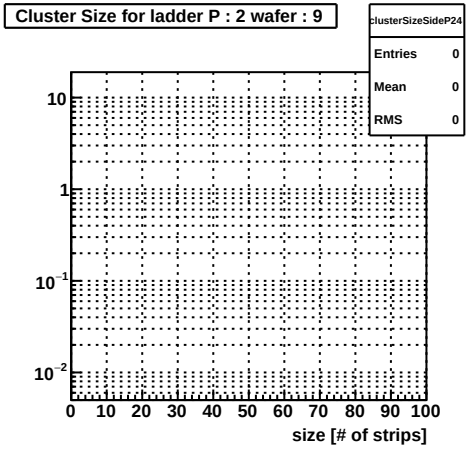

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

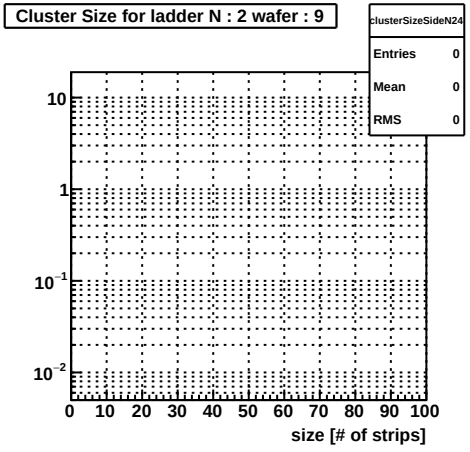

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

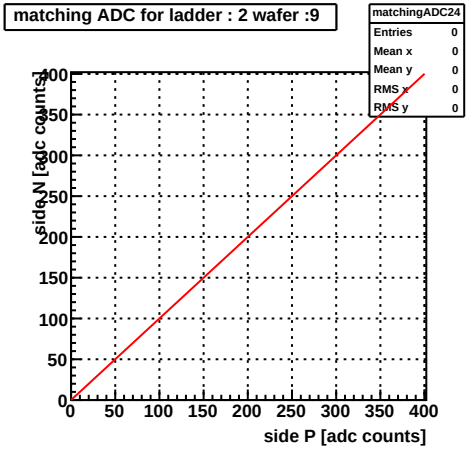

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

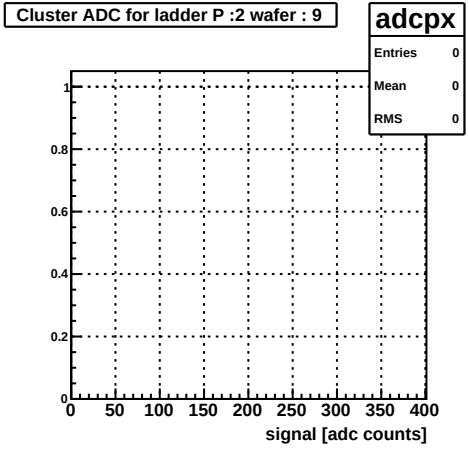

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

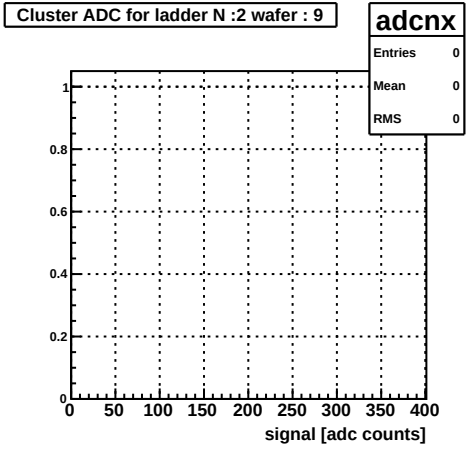

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

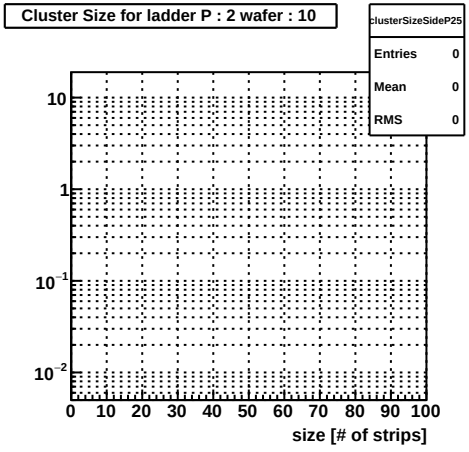

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

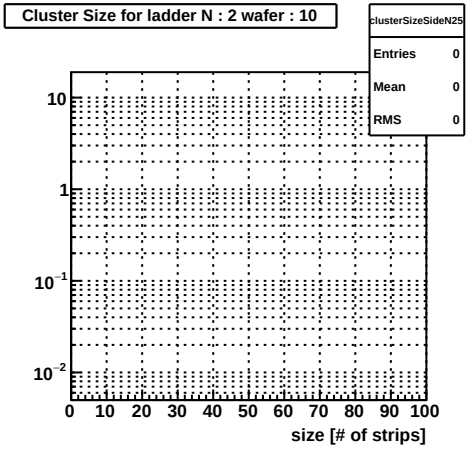

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

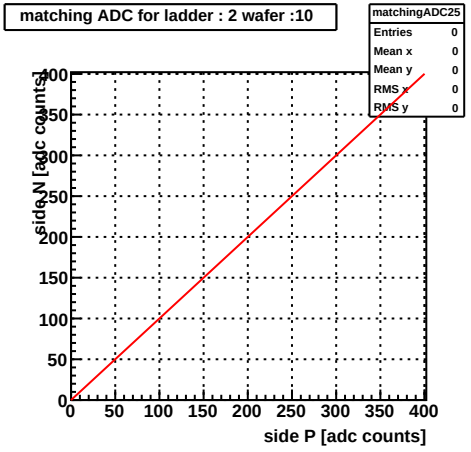

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

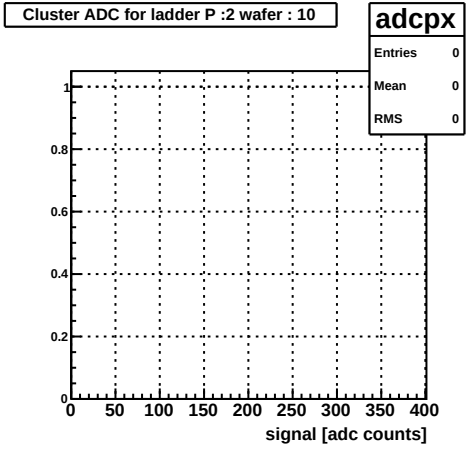

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

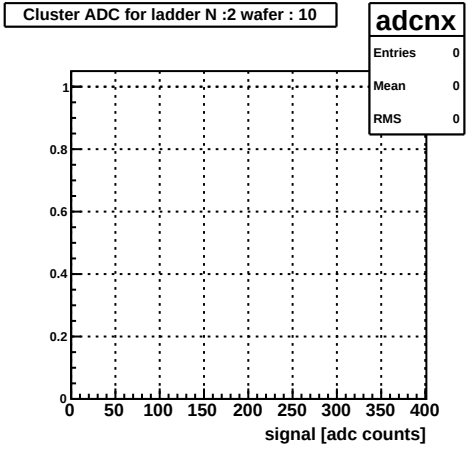

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

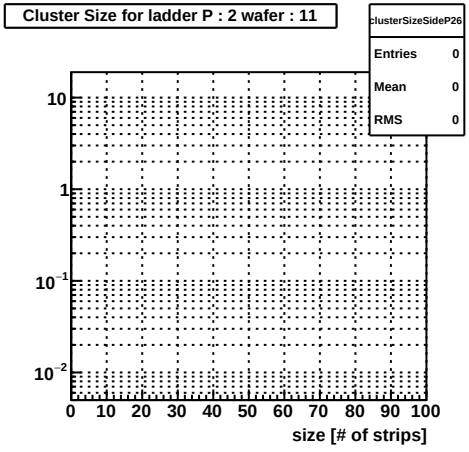

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

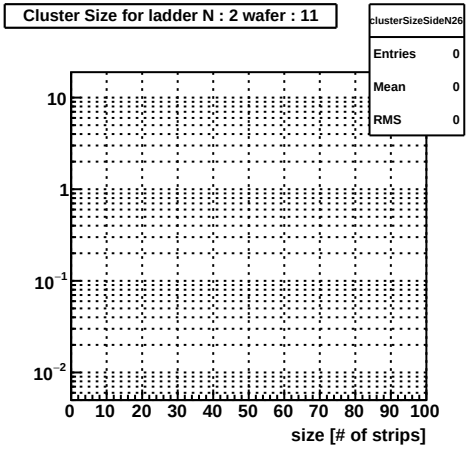

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

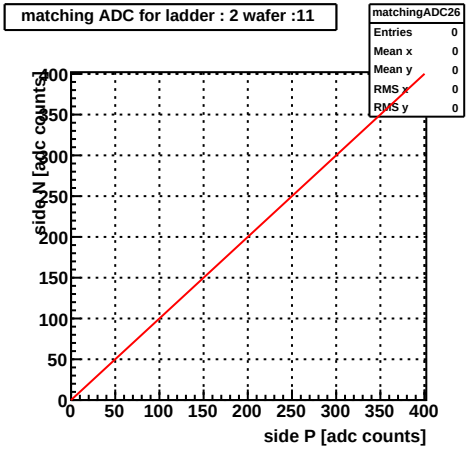

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

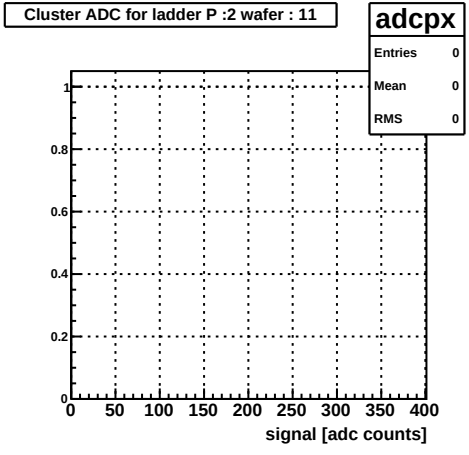

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

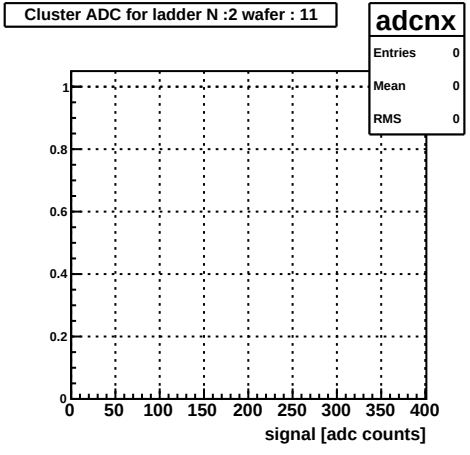

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

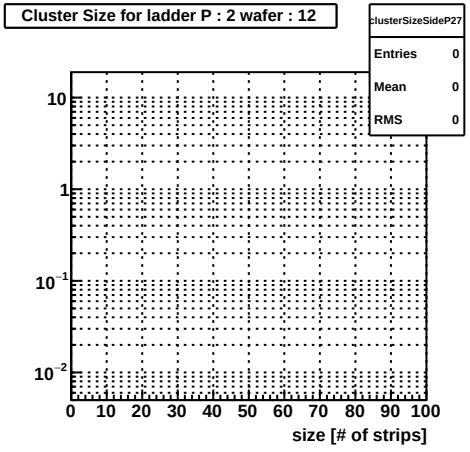

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

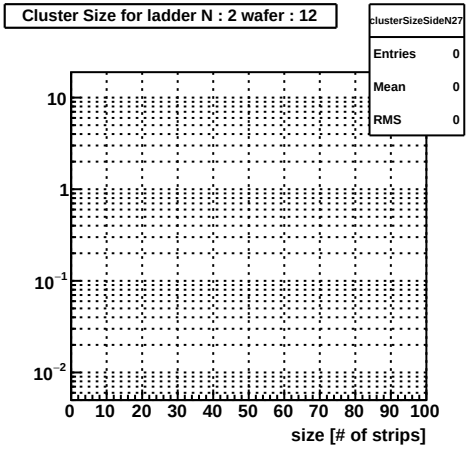

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

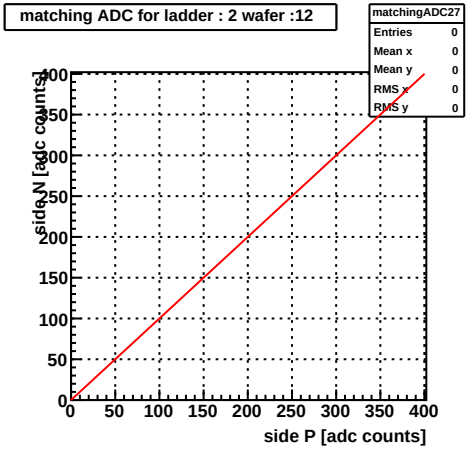

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

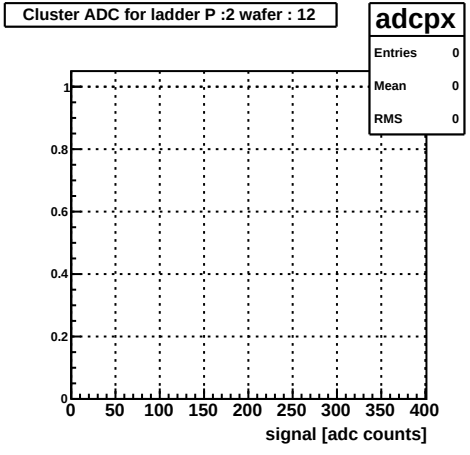

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

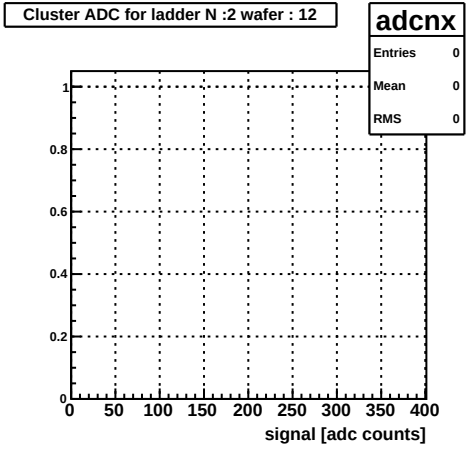

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

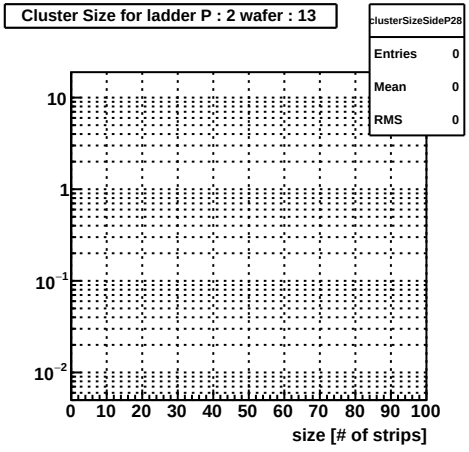

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

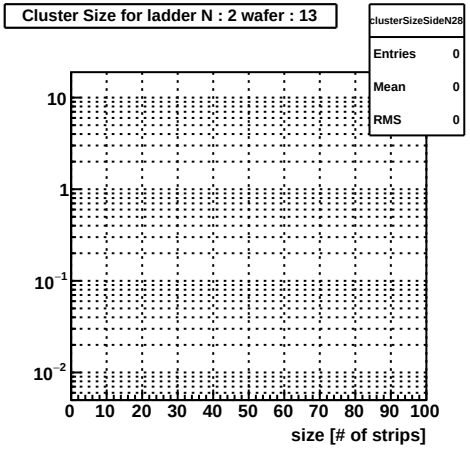

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

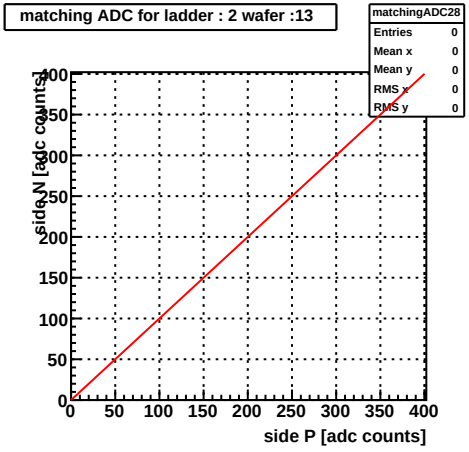

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

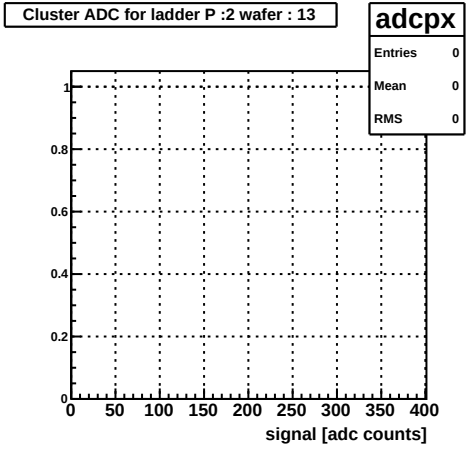

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

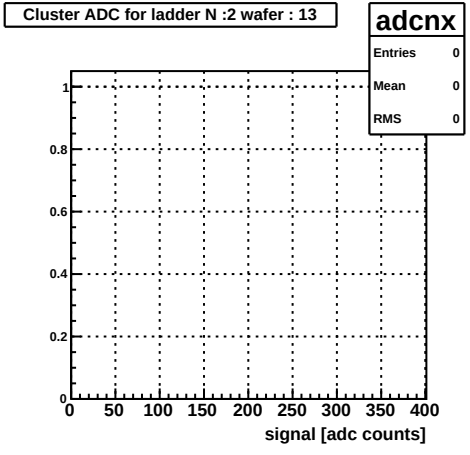

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

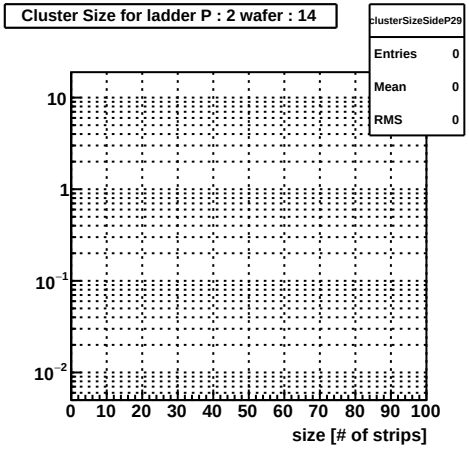

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

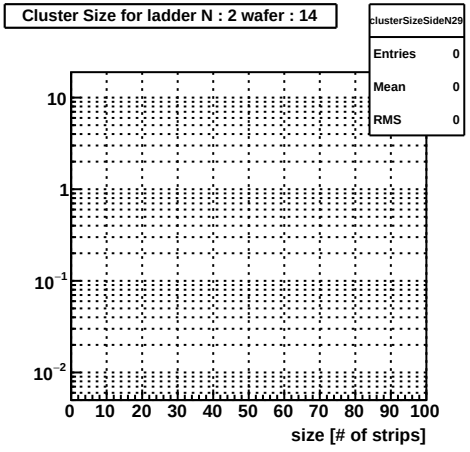

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

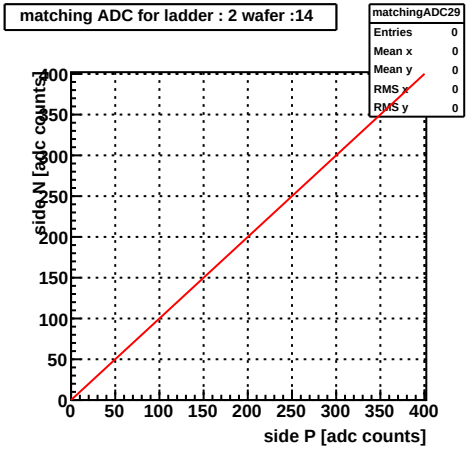

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

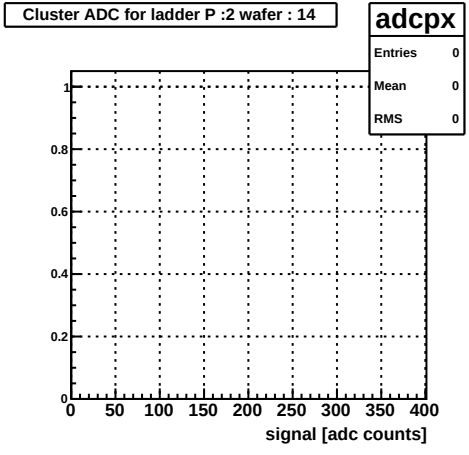

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

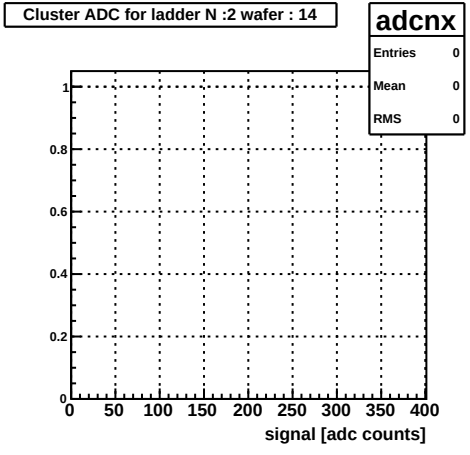

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

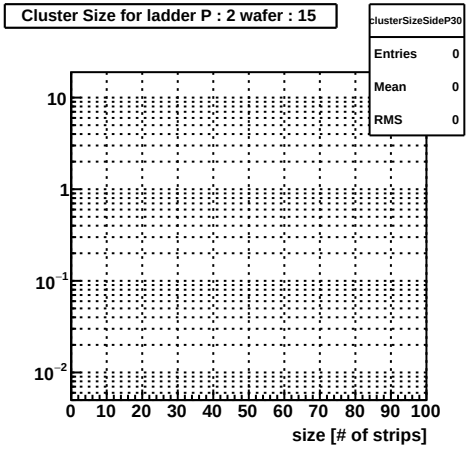

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

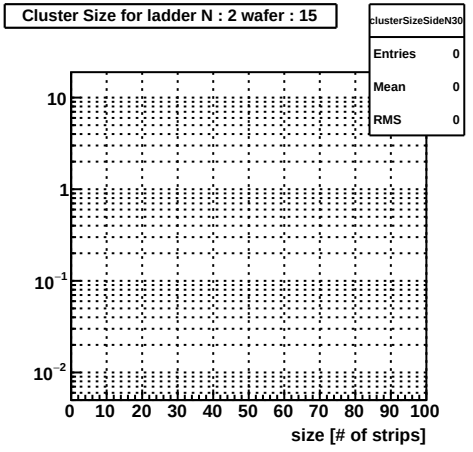

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

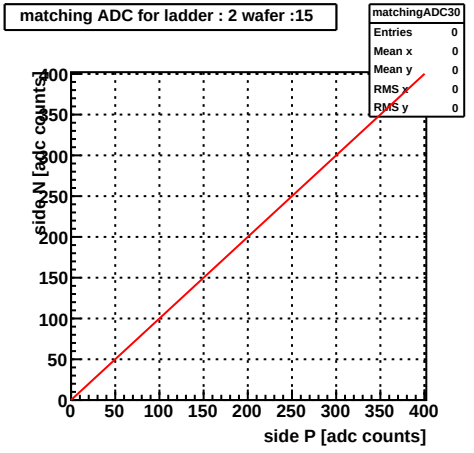

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

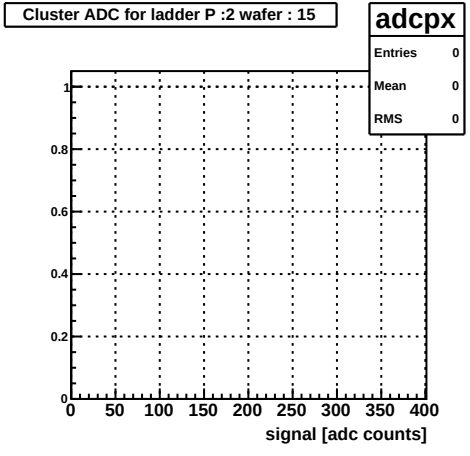

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

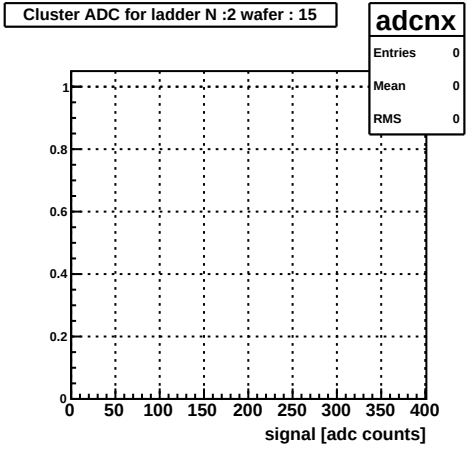

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

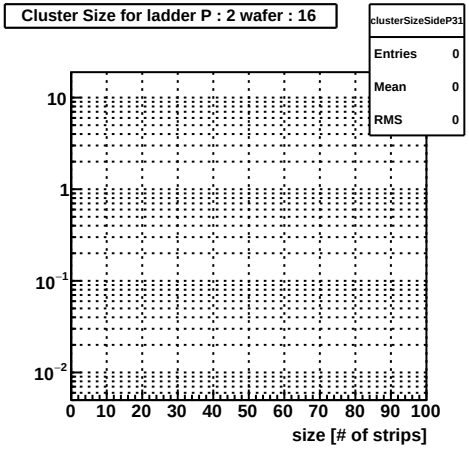

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

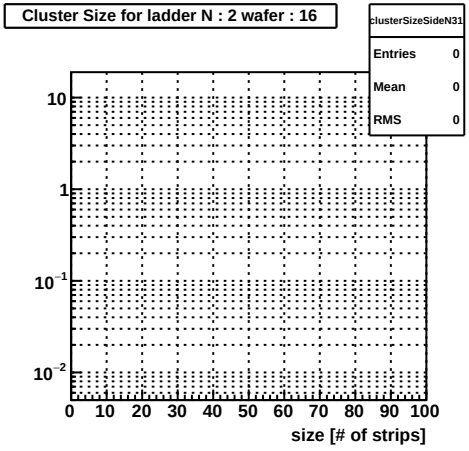

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

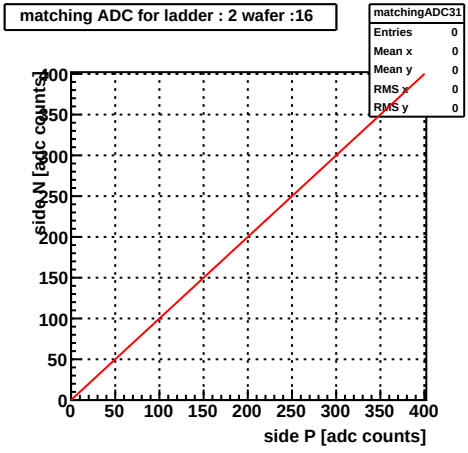

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

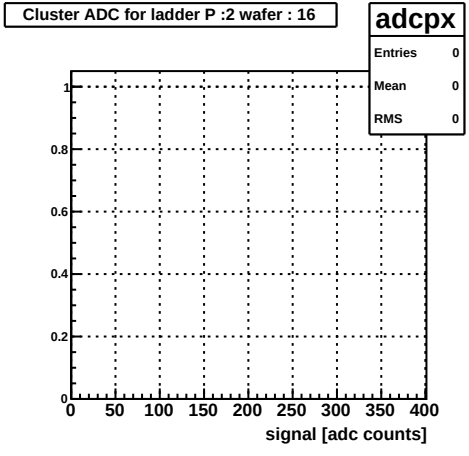

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

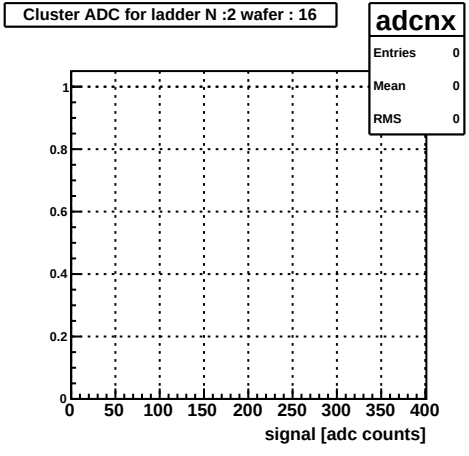

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

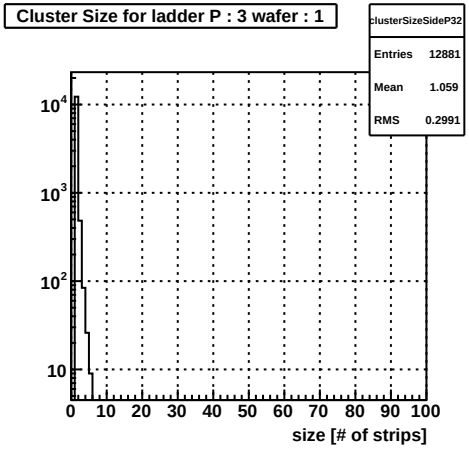

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

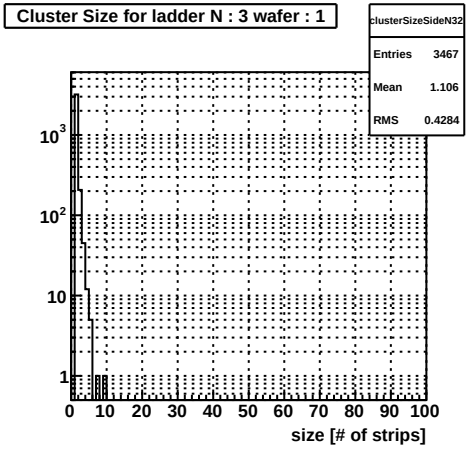

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

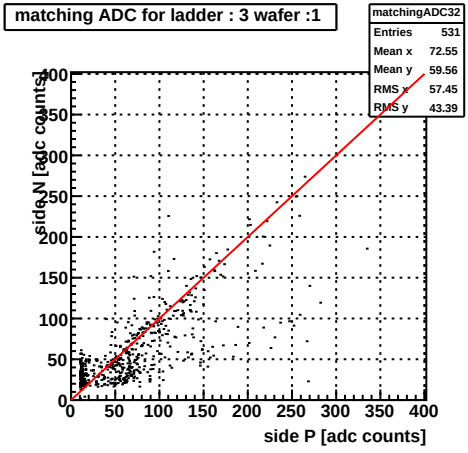

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

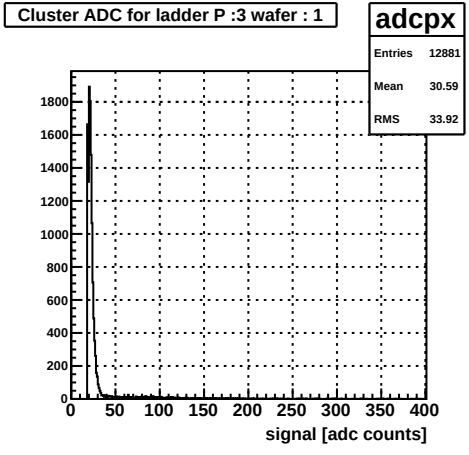

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

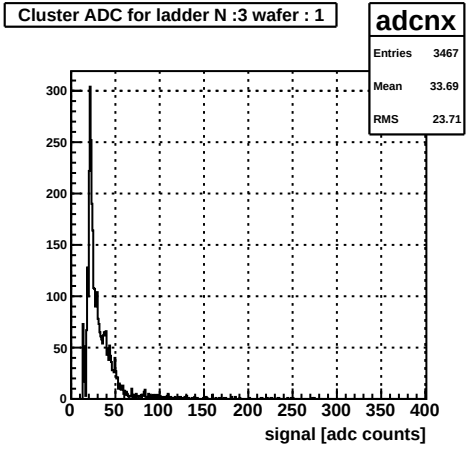

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

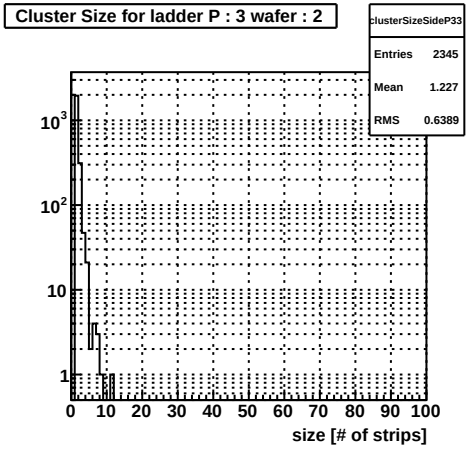

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 12881
Mean 1.059
RMS 0.2991
size [# of strips]

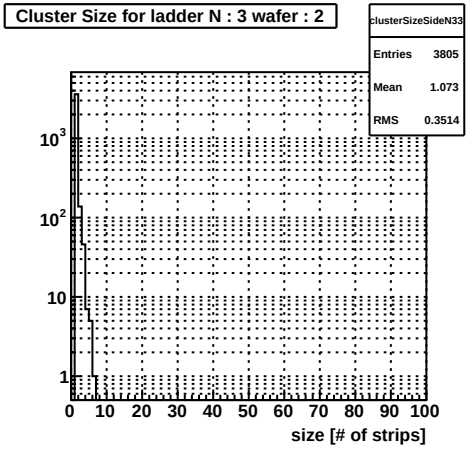

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3467
Mean 1.106
RMS 0.4284
size [# of strips]

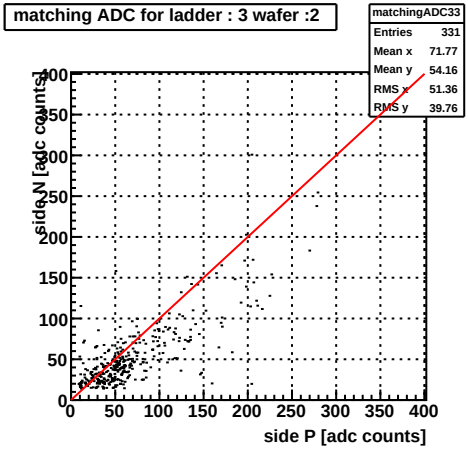

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 531
Mean x 72.55
Mean y 59.56
RMS x 57.45
RMS y 43.39
side N [adc counts]
side P [adc counts]

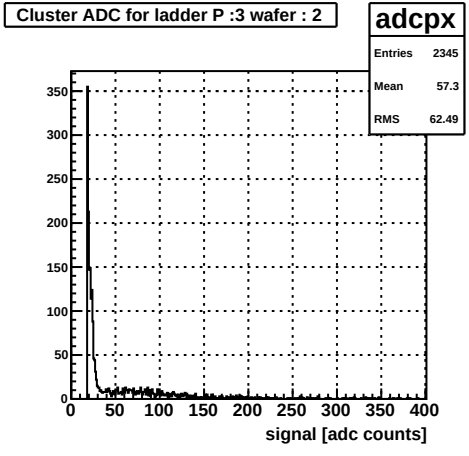

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 12881
Mean 30.59
RMS 33.92
signal [adc counts]

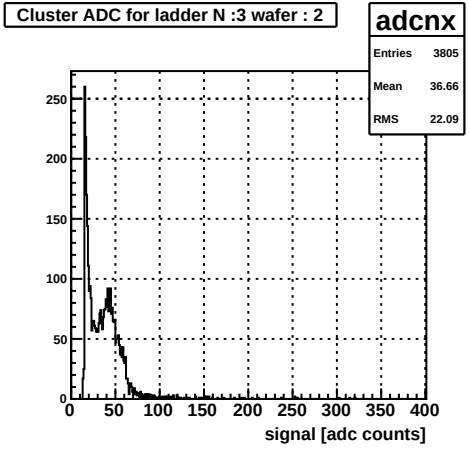

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3467
Mean 33.69
RMS 23.71
signal [adc counts]

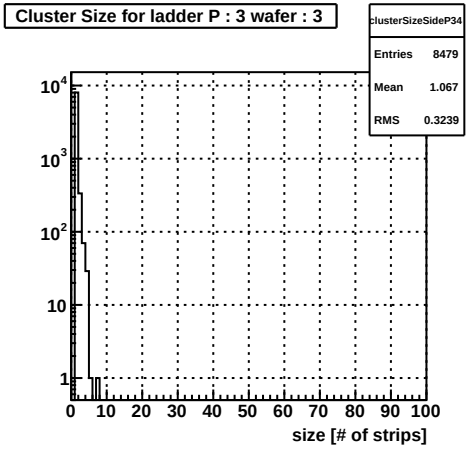

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2345
Mean 1.227
RMS 0.6389
size [# of strips]

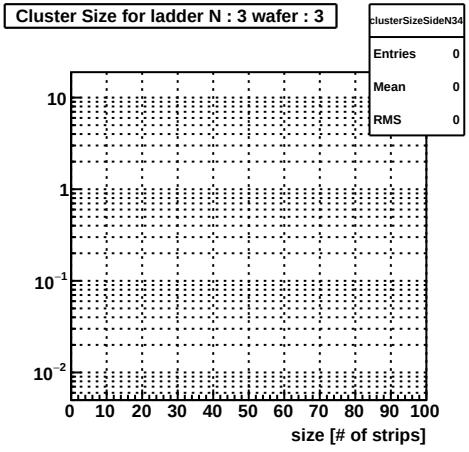

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3805
Mean 1.073
RMS 0.3514
size [# of strips]

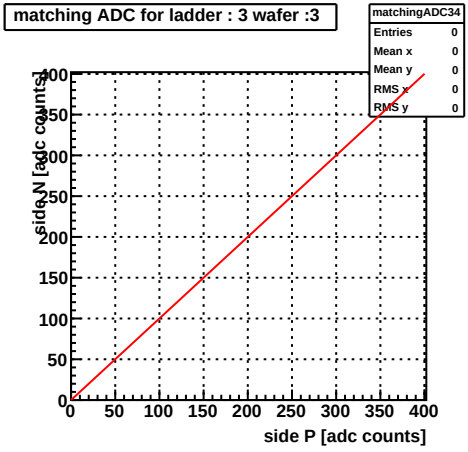

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 331
Mean x 71.77
Mean y 54.16
RMS x 51.36
RMS y 39.76
side N [adc counts]
side P [adc counts]

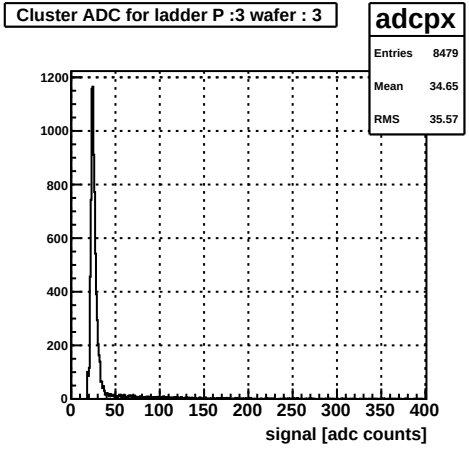

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2345
Mean 57.3
RMS 62.49
signal [adc counts]

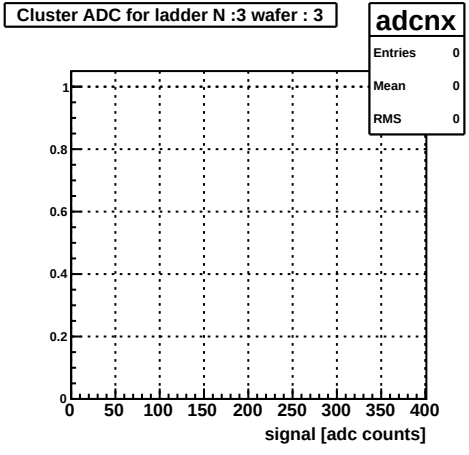

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3805
Mean 36.66
RMS 22.09
signal [adc counts]

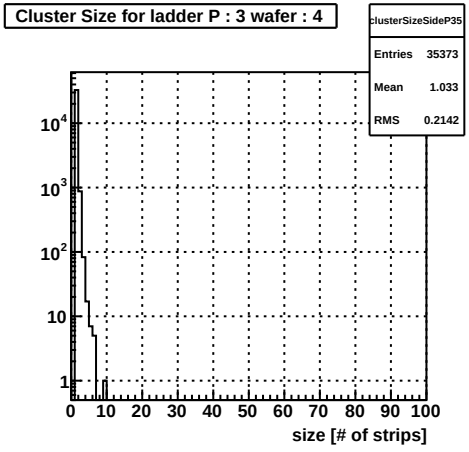

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8479
Mean 1.067
RMS 0.3239
size [# of strips]

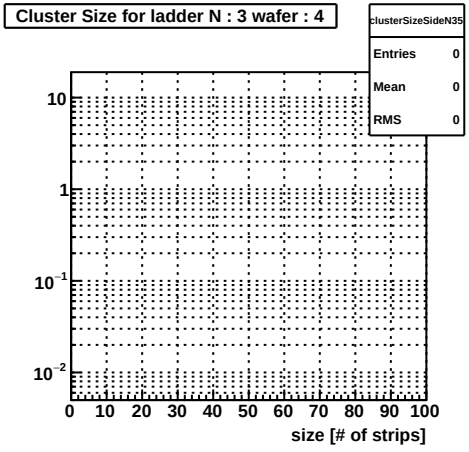

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

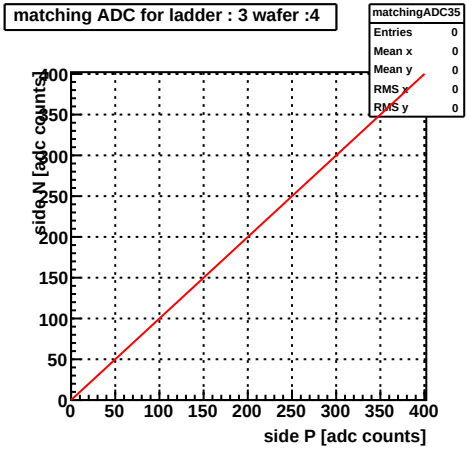

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

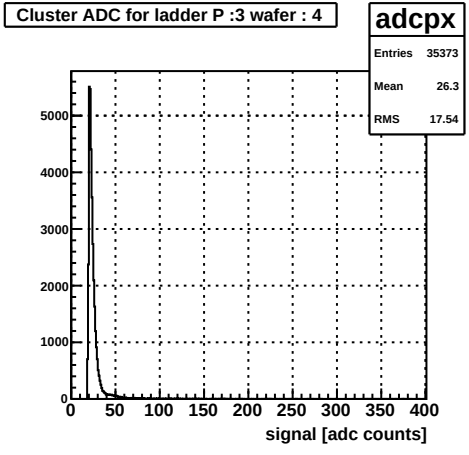

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8479
Mean 34.65
RMS 35.57
signal [adc counts]

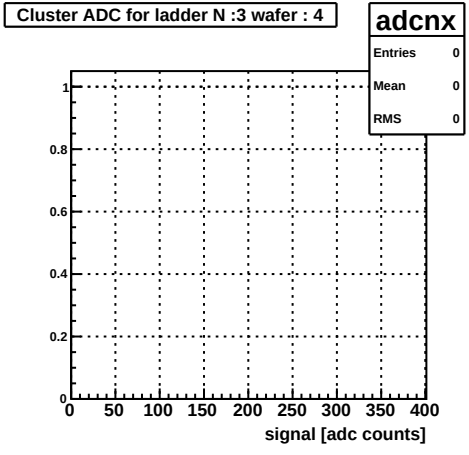

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

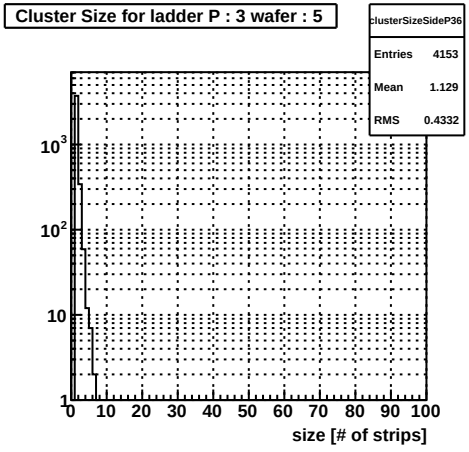

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 35373
Mean 1.033
RMS 0.2142
size [# of strips]

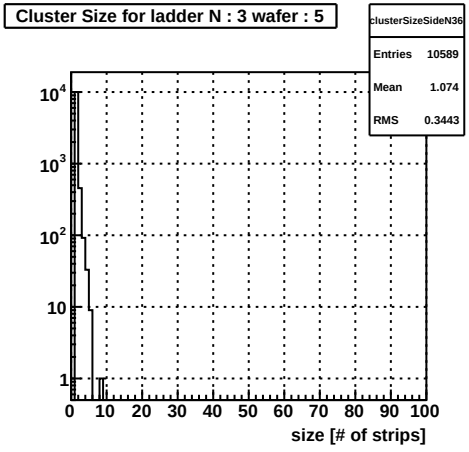

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

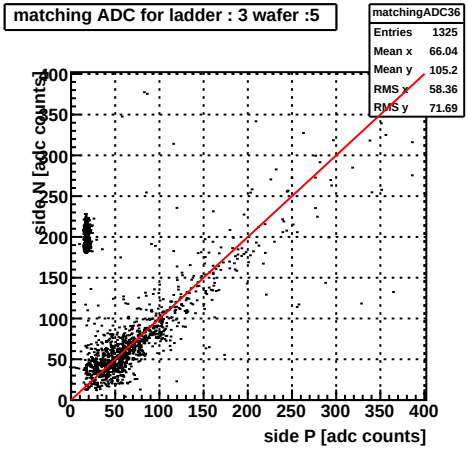

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

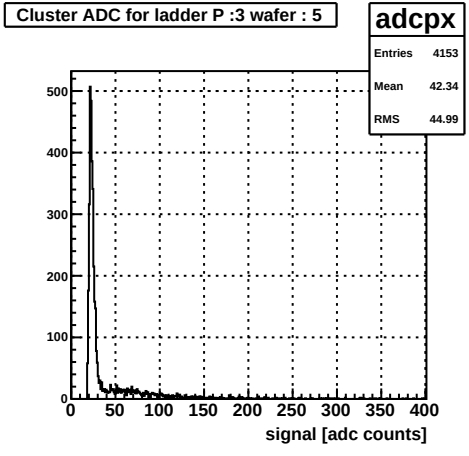

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 35373
Mean 26.3
RMS 17.54
signal [adc counts]

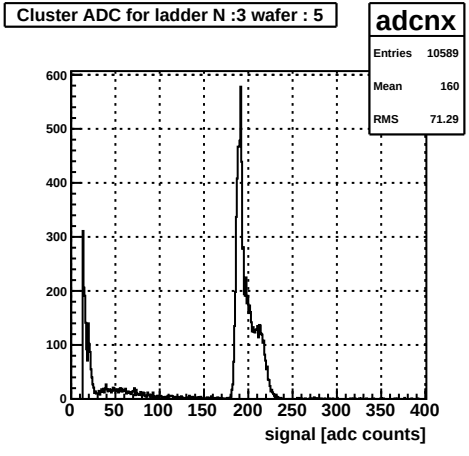

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

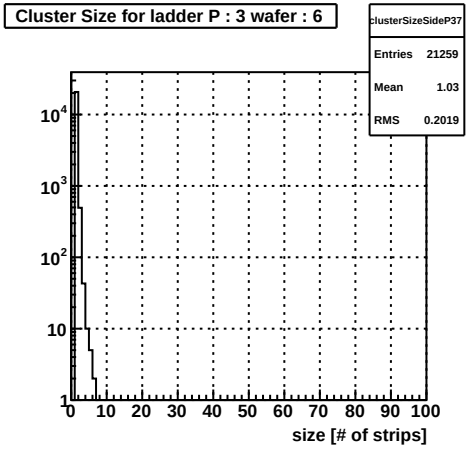

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 4153
Mean 1.129
RMS 0.4332
size [# of strips]

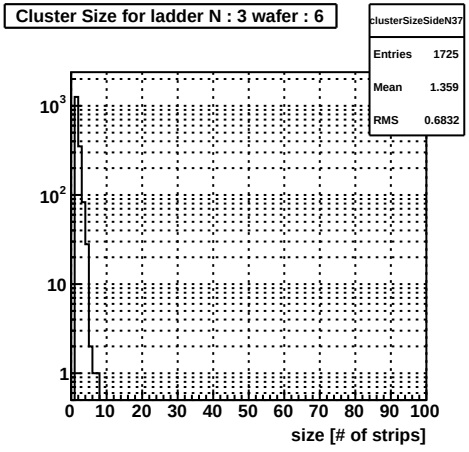

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 10589
Mean 1.074
RMS 0.3443
size [# of strips]

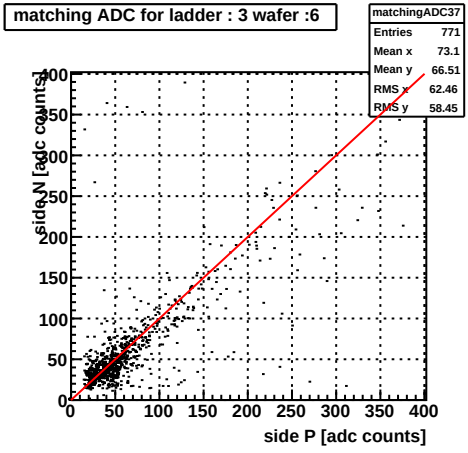

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1325
Mean x 66.04
Mean y 105.2
RMS x 58.36
RMS y 71.69
side N [adc counts]
side P [adc counts]

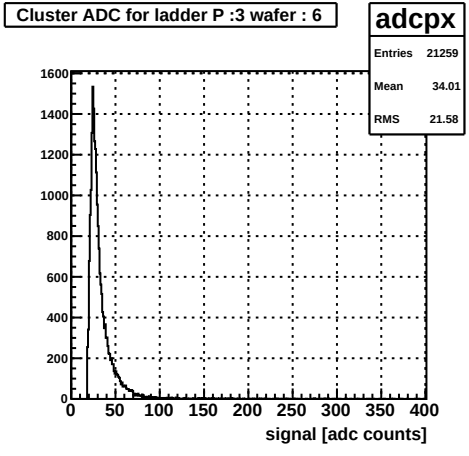

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 4153
Mean 42.34
RMS 44.99
signal [adc counts]

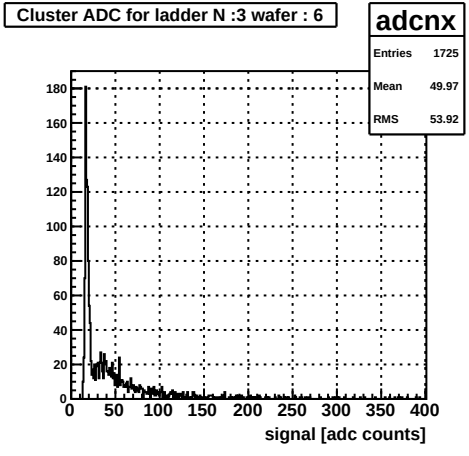

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 10589
Mean 160
RMS 71.29
signal [adc counts]

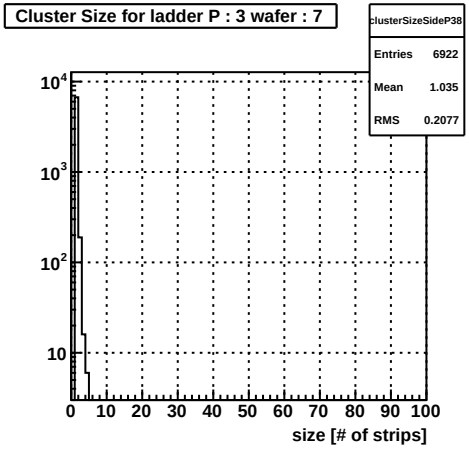

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 21259
Mean 1.03
RMS 0.2019
size [# of strips]

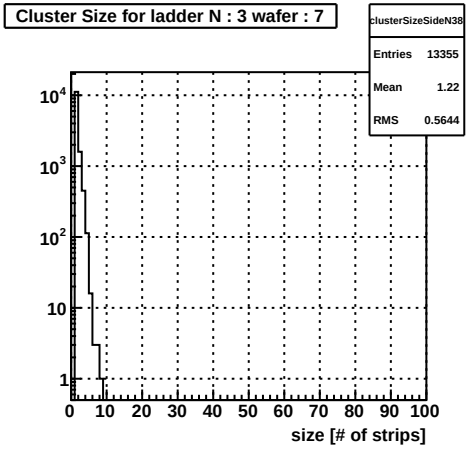

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 1725
Mean 1.359
RMS 0.6832
size [# of strips]

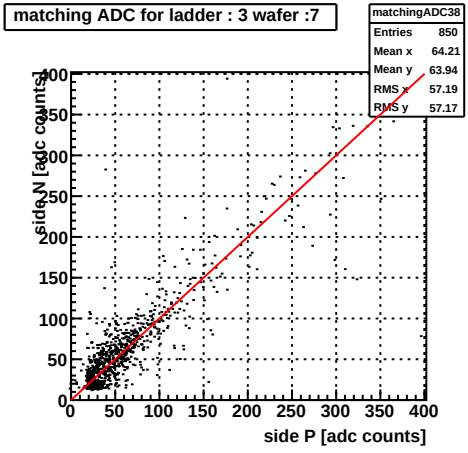

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 771
Mean x 73.1
Mean y 66.51
RMS x 62.46
RMS y 58.45
side N [adc counts]
side P [adc counts]

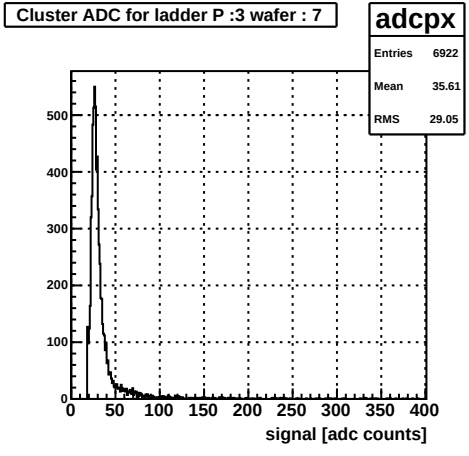

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 21259
Mean 34.01
RMS 21.58
signal [adc counts]

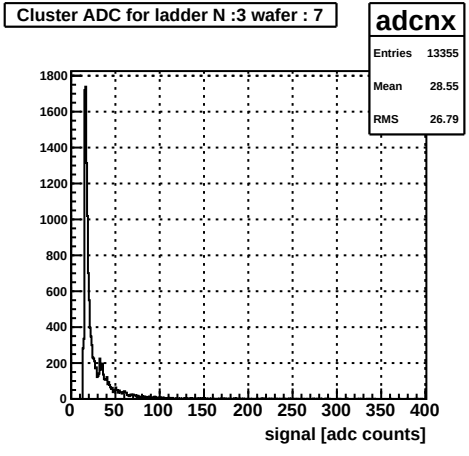

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 1725
Mean 49.97
RMS 53.92
signal [adc counts]

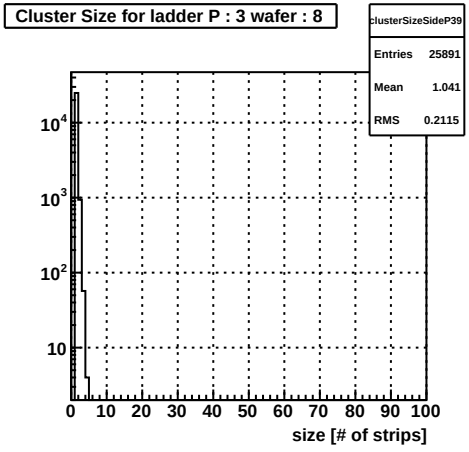

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 6922
Mean 1.035
RMS 0.2077
size [# of strips]

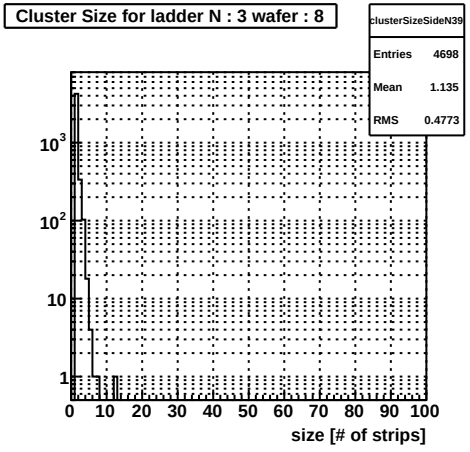

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13355
Mean 1.22
RMS 0.5644
size [# of strips]

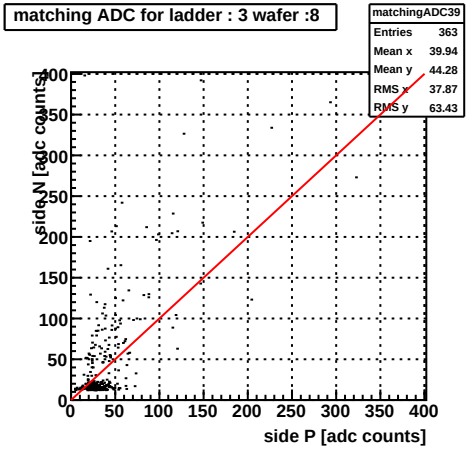

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 850
Mean x 64.21
Mean y 63.94
RMS x 57.19
RMS y 57.17
side N [adc counts]
side P [adc counts]

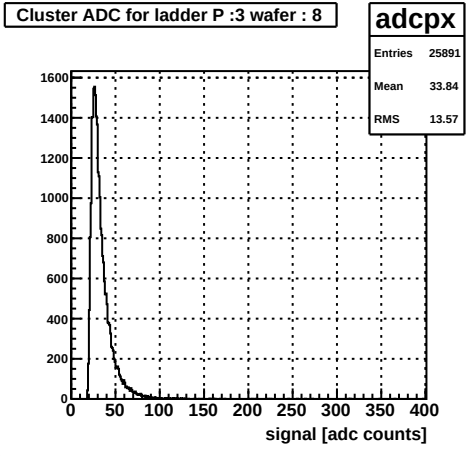

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 6922
Mean 35.61
RMS 29.05
signal [adc counts]

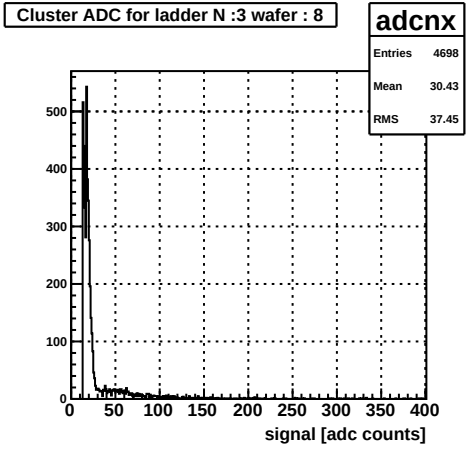

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13355
Mean 28.55
RMS 26.79
signal [adc counts]

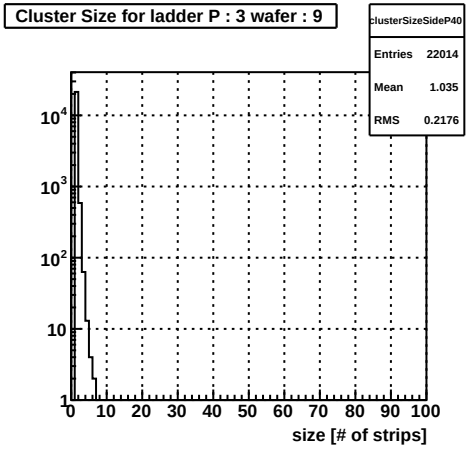

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 25891
Mean 1.041
RMS 0.2115
size [# of strips]

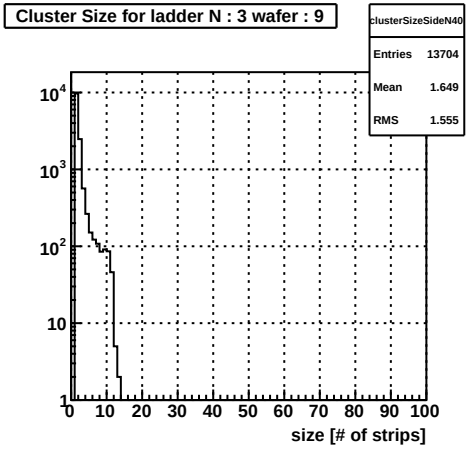

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 4698
Mean 1.135
RMS 0.4773
size [# of strips]

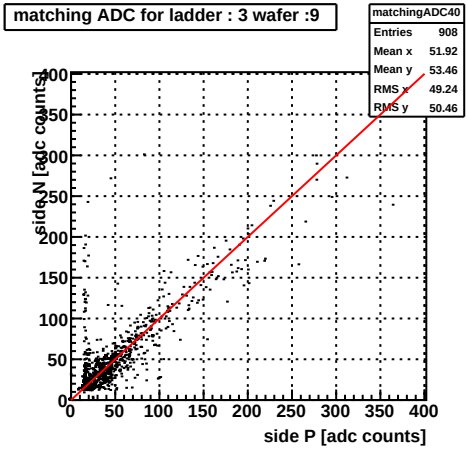

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 363
Mean x 39.94
Mean y 44.28
RMS x 37.87
RMS y 63.43
side N [adc counts]
side P [adc counts]

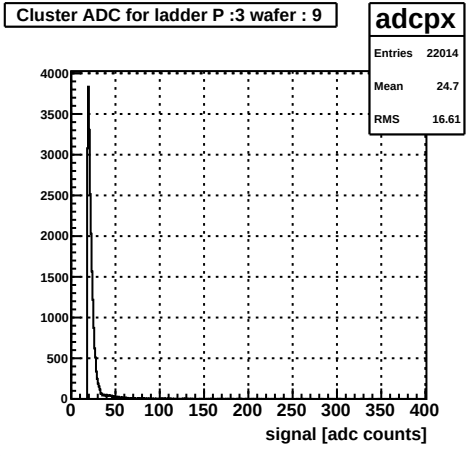

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 25891
Mean 33.84
RMS 13.57
signal [adc counts]

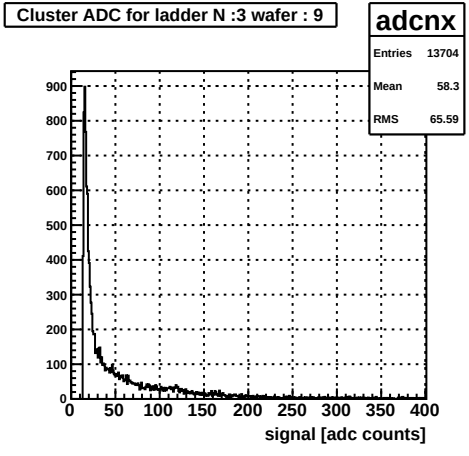

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 4698
Mean 30.43
RMS 37.45
signal [adc counts]

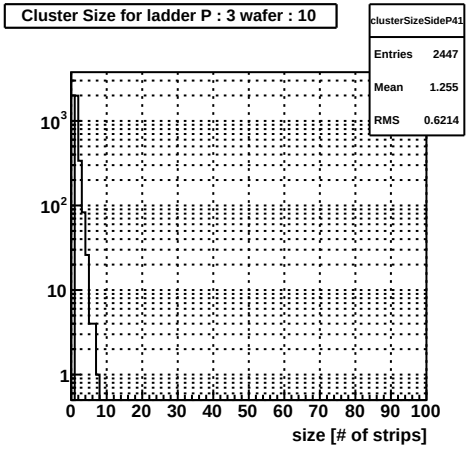

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 22014
Mean 1.035
RMS 0.2176
size [# of strips]

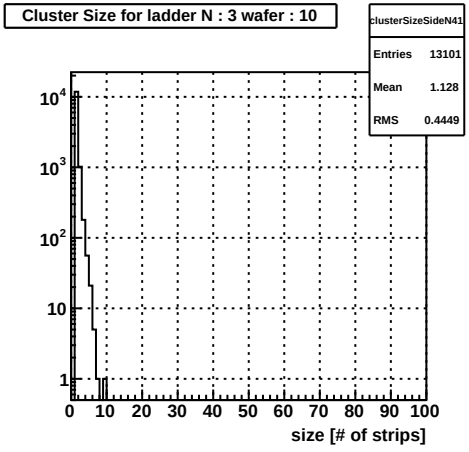

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 13704
Mean 1.649
RMS 1.555
size [# of strips]

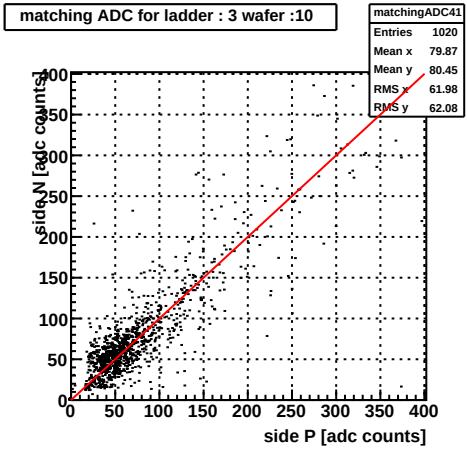

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 908
Mean x 51.92
Mean y 53.46
RMS x 49.24
RMS y 50.46
side N [adc counts]
side P [adc counts]

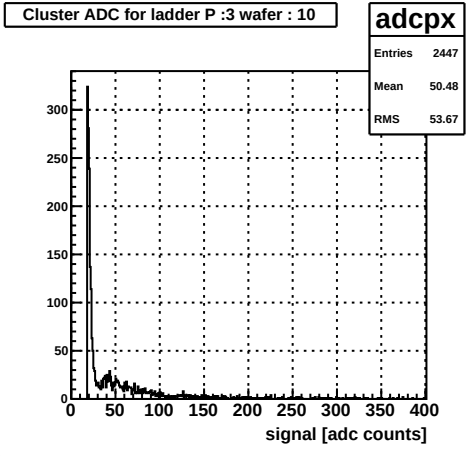

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 22014
Mean 24.7
RMS 16.61
signal [adc counts]

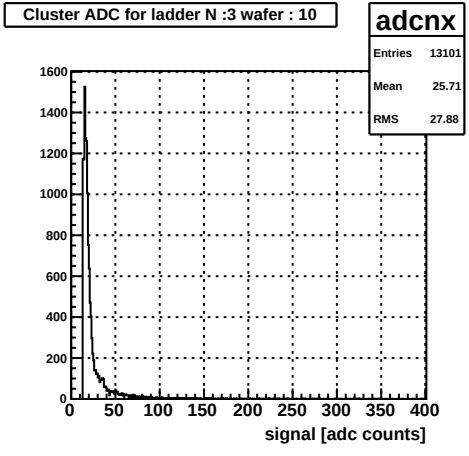

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 13704
Mean 58.3
RMS 65.59
signal [adc counts]

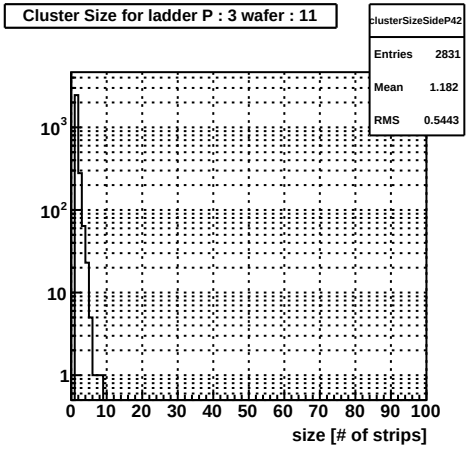

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2447
Mean 1.255
RMS 0.6214
size [# of strips]

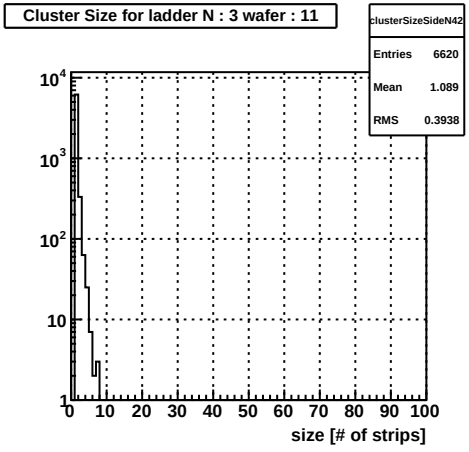

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 13101
Mean 1.128
RMS 0.4449
size [# of strips]

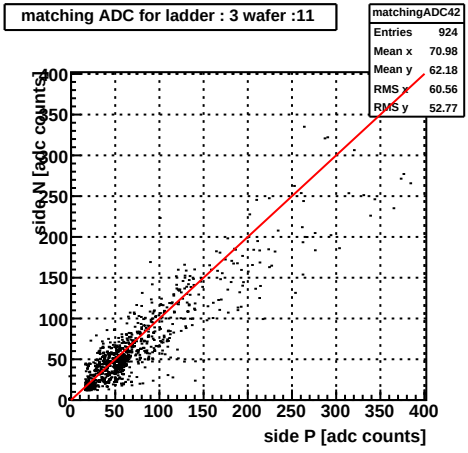

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1020
Mean x 79.87
Mean y 80.45
RMS x 61.98
RMS y 62.08
side N [adc counts]
side P [adc counts]

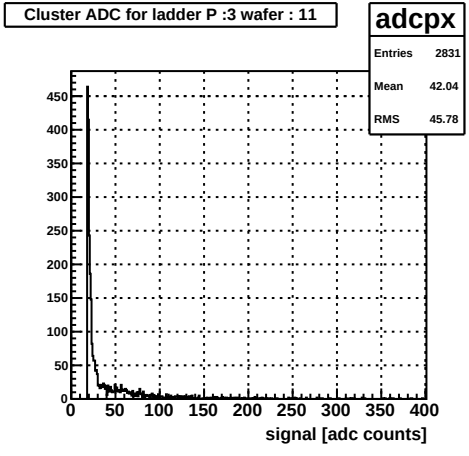

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2447
Mean 50.48
RMS 53.67
signal [adc counts]

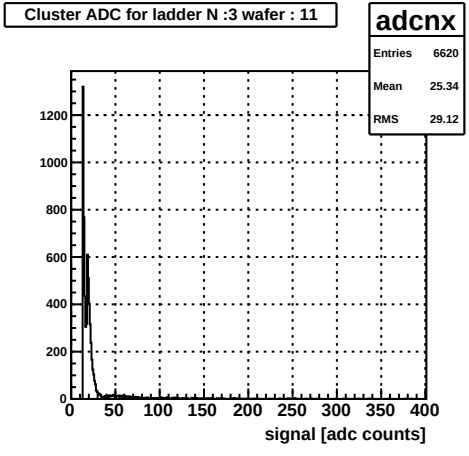

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 13101
Mean 25.71
RMS 27.88
signal [adc counts]

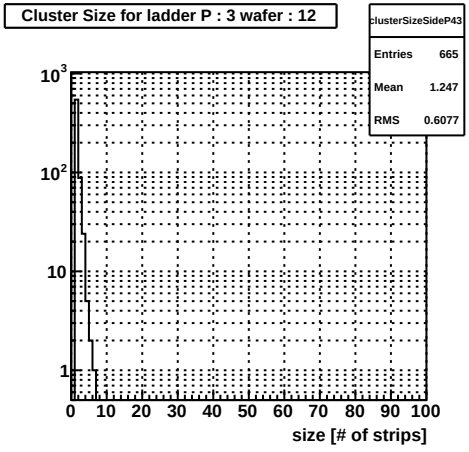

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2831
Mean 1.182
RMS 0.5443
size [# of strips]

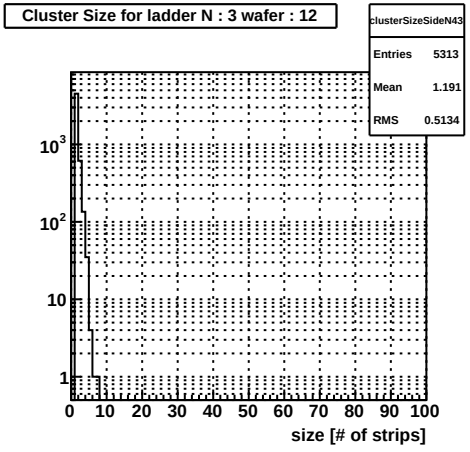

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 6620
Mean 1.089
RMS 0.3938
size [# of strips]

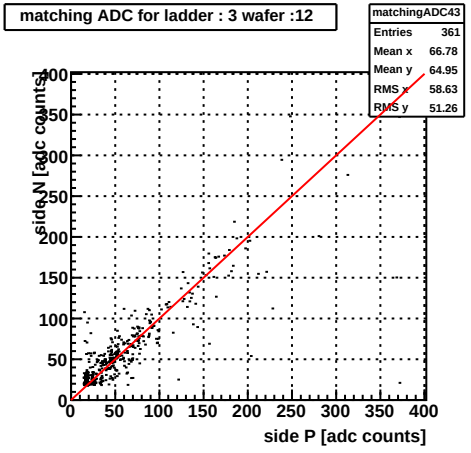

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 924
Mean x 70.98
Mean y 62.18
RMS x 60.56
RMS y 52.77
side N [adc counts]
side P [adc counts]

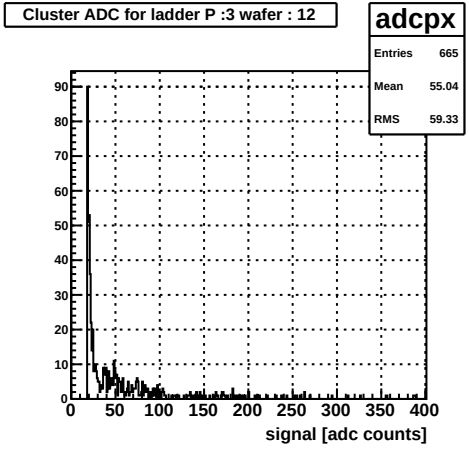

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2831
Mean 42.04
RMS 45.78
signal [adc counts]

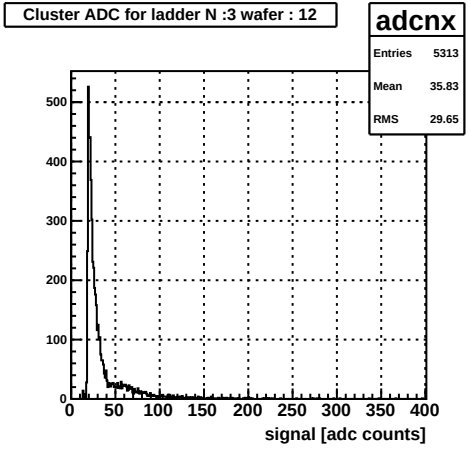

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 6620
Mean 25.34
RMS 29.12
signal [adc counts]

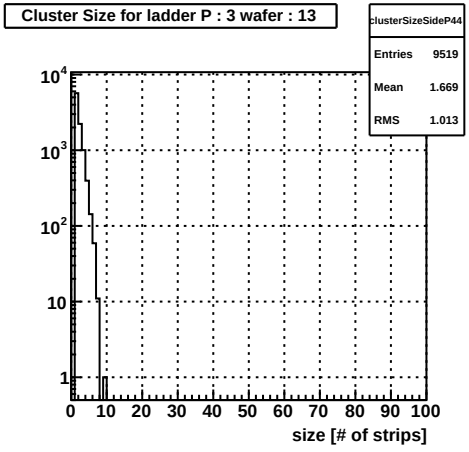

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 665
Mean 1.247
RMS 0.6077
size [# of strips]

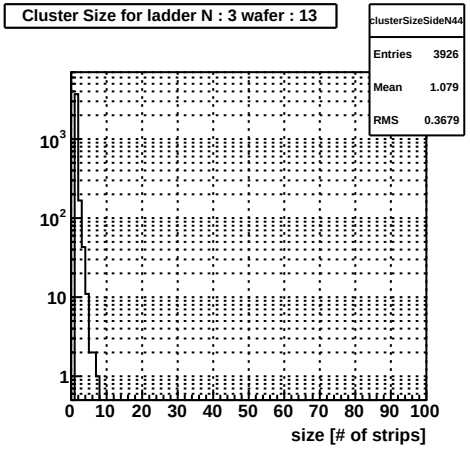

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 5313
Mean 1.191
RMS 0.5134
size [# of strips]

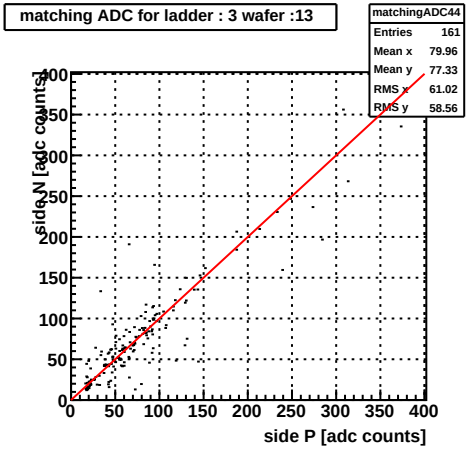

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 361
Mean x 66.78
Mean y 64.95
RMS x 58.63
RMS y 51.26
side N [adc counts]
side P [adc counts]

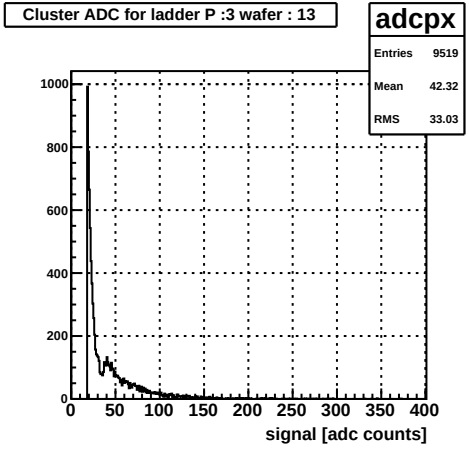

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 665
Mean 55.04
RMS 59.33
signal [adc counts]

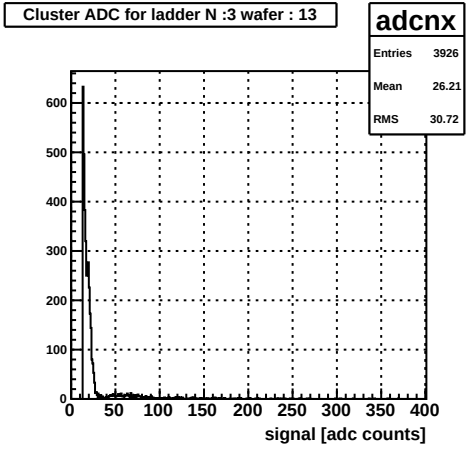

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 5313
Mean 35.83
RMS 29.65
signal [adc counts]

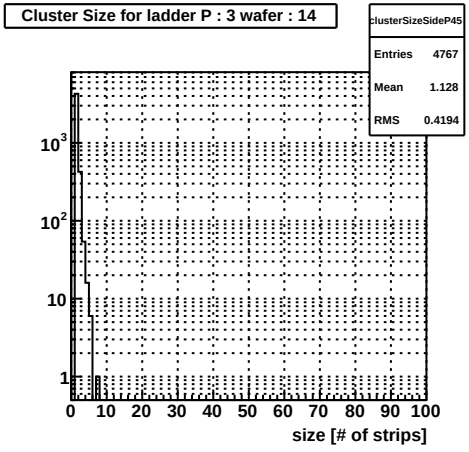

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 9519
Mean 1.669
RMS 1.013
size [# of strips]

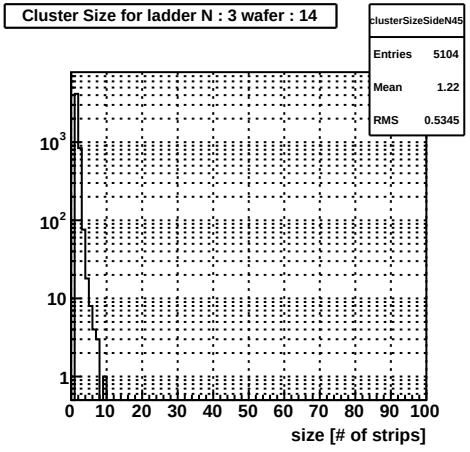

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3926
Mean 1.079
RMS 0.3679
size [# of strips]

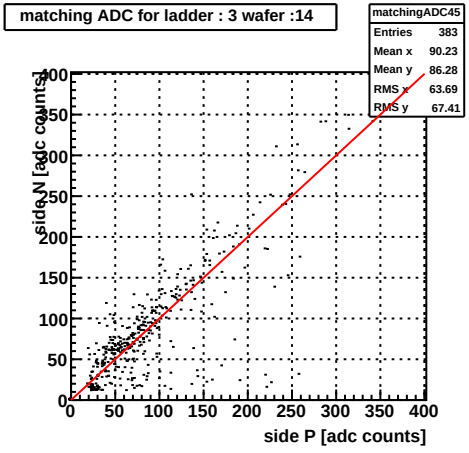

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 161
Mean x 79.96
Mean y 77.33
RMS x 61.02
RMS y 58.56
side N [adc counts]
side P [adc counts]

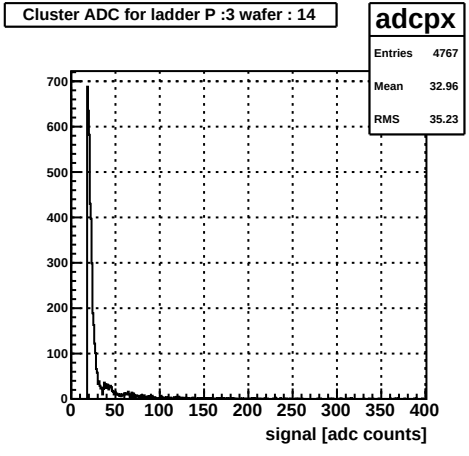

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 9519
Mean 42.32
RMS 33.03
signal [adc counts]

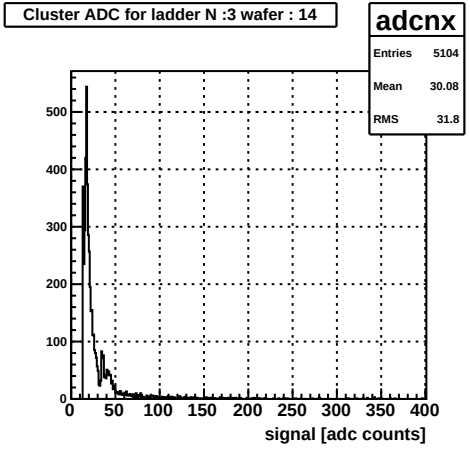

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3926
Mean 26.21
RMS 30.72
signal [adc counts]

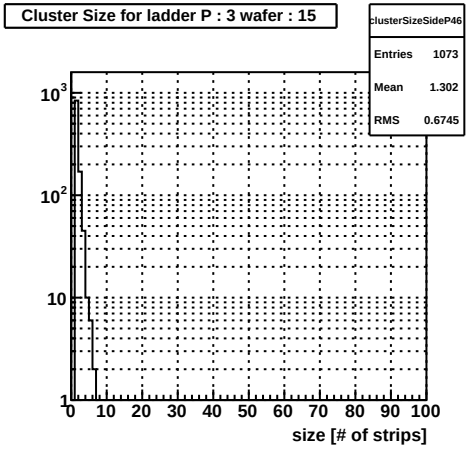

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4767
Mean 1.128
RMS 0.4194
size [# of strips]

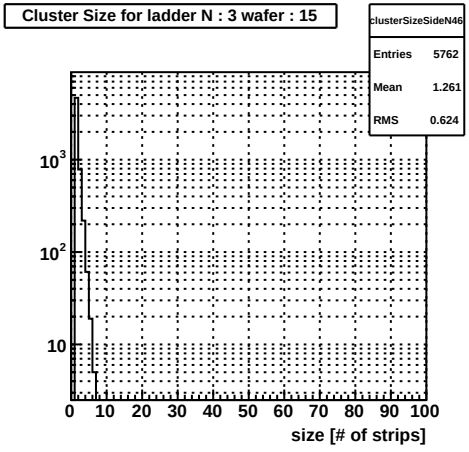

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 5104
Mean 1.22
RMS 0.5345
size [# of strips]

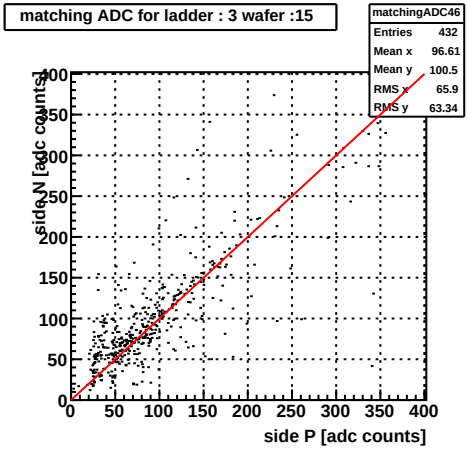

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 383
Mean x 90.23
Mean y 86.28
RMS x 63.69
RMS y 67.41
side N [adc counts]
side P [adc counts]

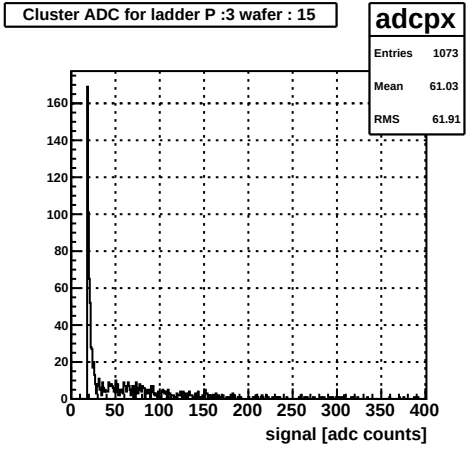

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4767
Mean 32.96
RMS 35.23
signal [adc counts]

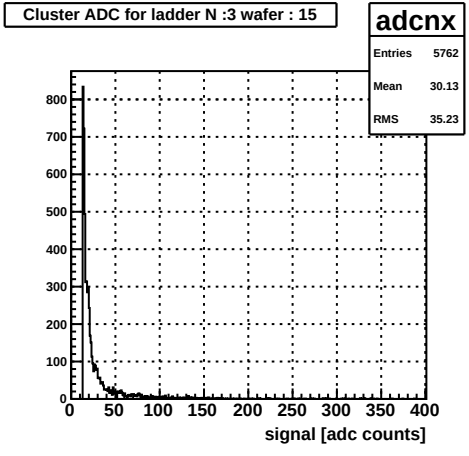

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 5104
Mean 30.08
RMS 31.8
signal [adc counts]

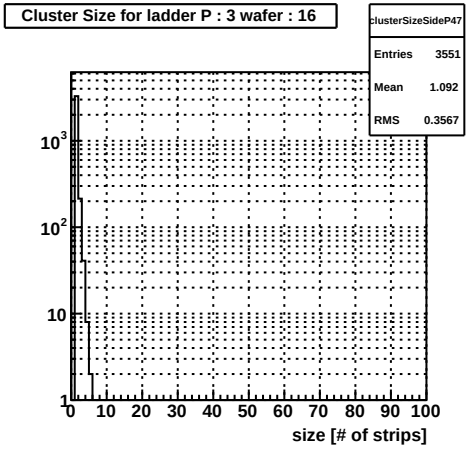

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1073
Mean 1.302
RMS 0.6745
size [# of strips]

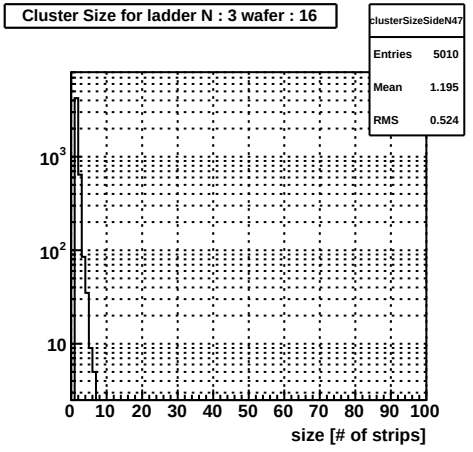

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5762
Mean 1.261
RMS 0.624
size [# of strips]

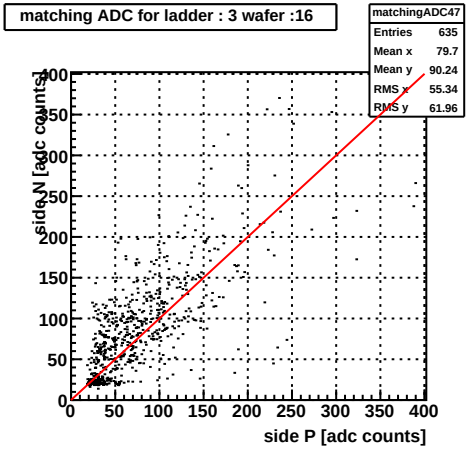

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 432
Mean x 96.61
Mean y 100.5
RMS x 65.9
RMS y 63.34
side N [adc counts]
side P [adc counts]

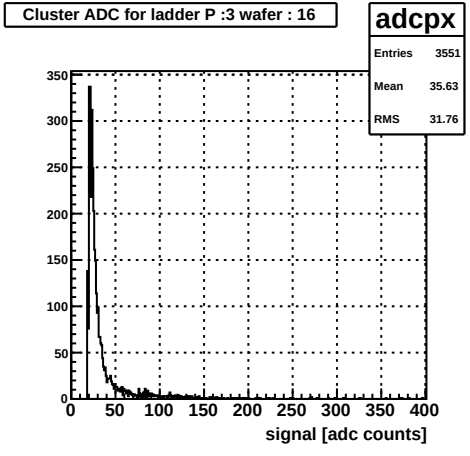

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1073
Mean 61.03
RMS 61.91
signal [adc counts]

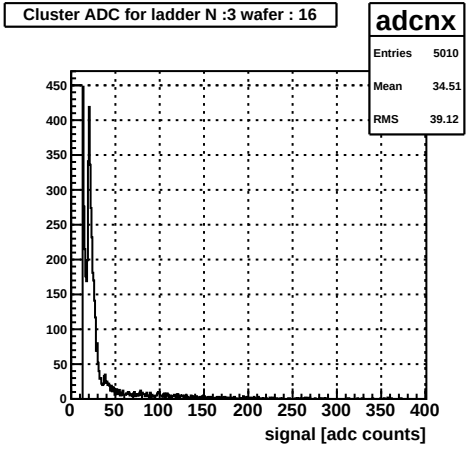

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5762
Mean 30.13
RMS 35.23
signal [adc counts]

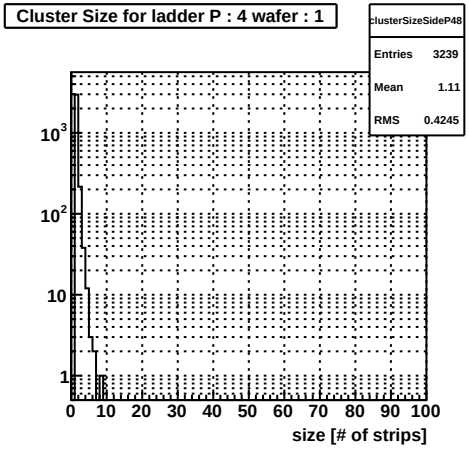

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 3551
Mean 1.092
RMS 0.3567
size [# of strips]

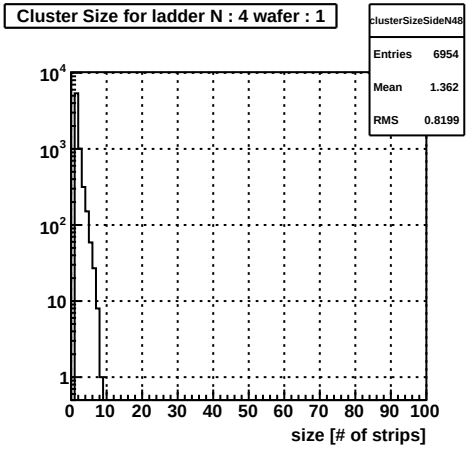

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 5010
Mean 1.195
RMS 0.524
size [# of strips]

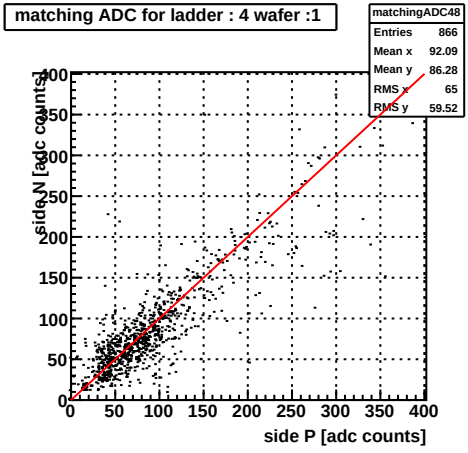

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 635
Mean x 79.7
Mean y 90.24
RMS x 55.34
RMS y 61.96
side N [adc counts]
side P [adc counts]

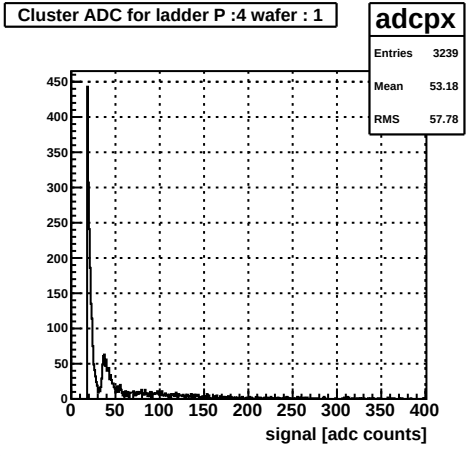

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 3551
Mean 35.63
RMS 31.76
signal [adc counts]

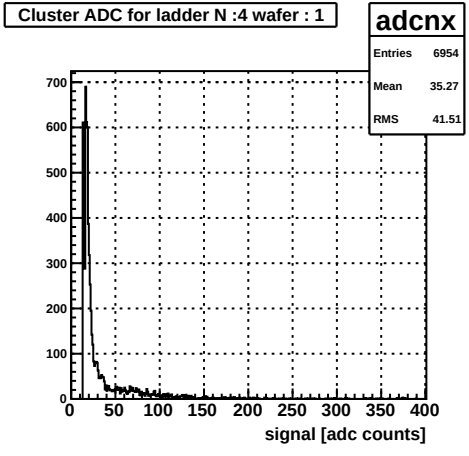

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 5010
Mean 34.51
RMS 39.12
signal [adc counts]

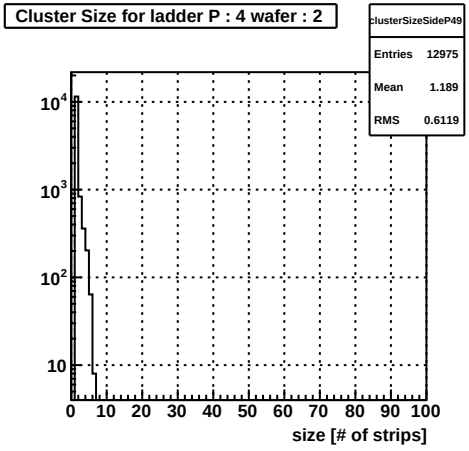

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 3239
Mean 1.11
RMS 0.4245
size [# of strips]

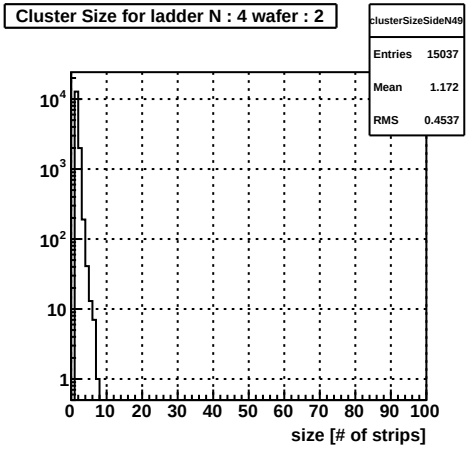

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 6954
Mean 1.362
RMS 0.8199
size [# of strips]

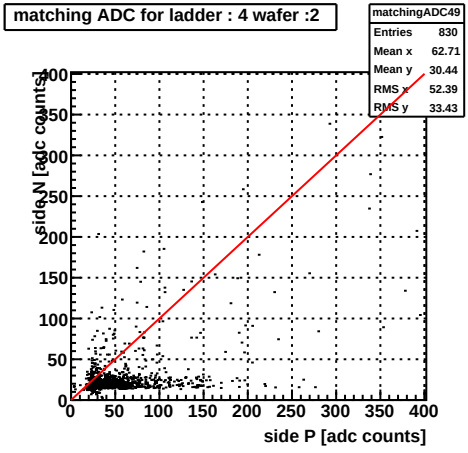

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 866
Mean x 92.09
Mean y 86.28
RMS x 65
RMS y 59.52
side N [adc counts]
side P [adc counts]

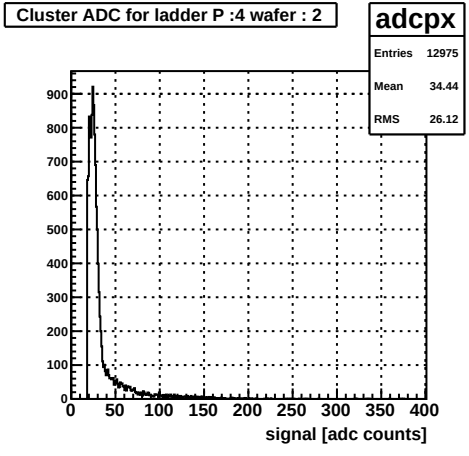

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 3239
Mean 53.18
RMS 57.78
signal [adc counts]

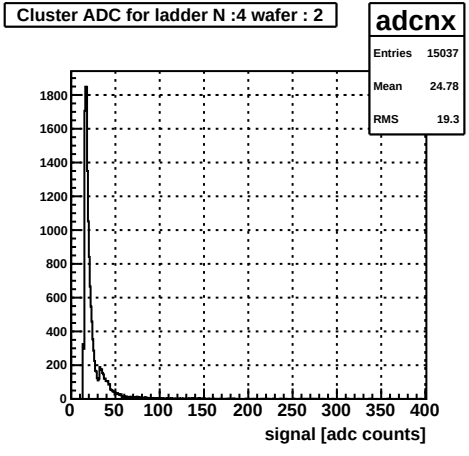

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 6954
Mean 35.27
RMS 41.51
signal [adc counts]

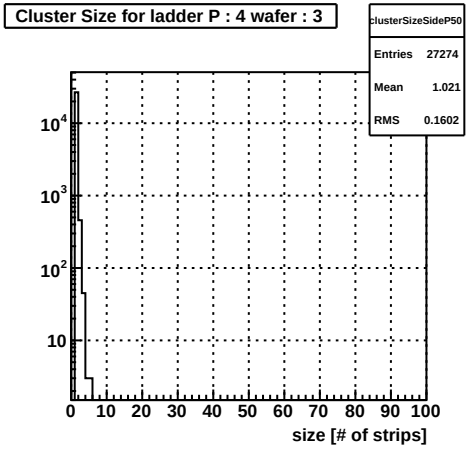

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 12975
Mean 1.189
RMS 0.6119
size [# of strips]

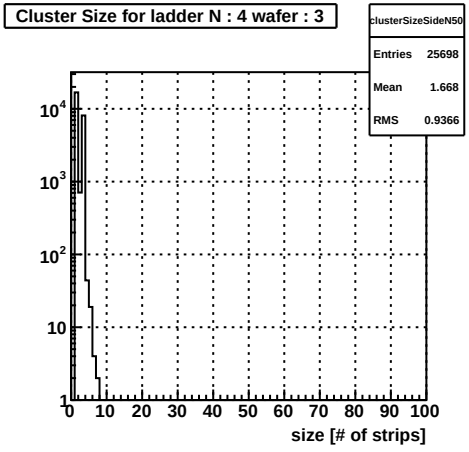

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 15037
Mean 1.172
RMS 0.4537
size [# of strips]

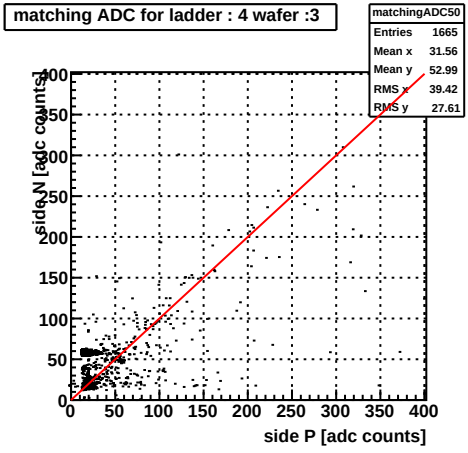

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 830
Mean x 62.71
Mean y 30.44
RMS x 52.39
RMS y 33.43
side N [adc counts]
side P [adc counts]

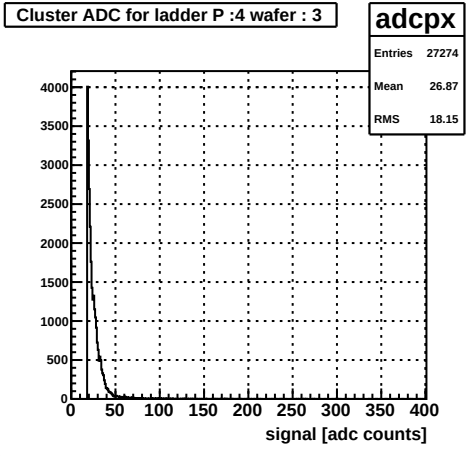

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 12975
Mean 34.44
RMS 26.12
signal [adc counts]

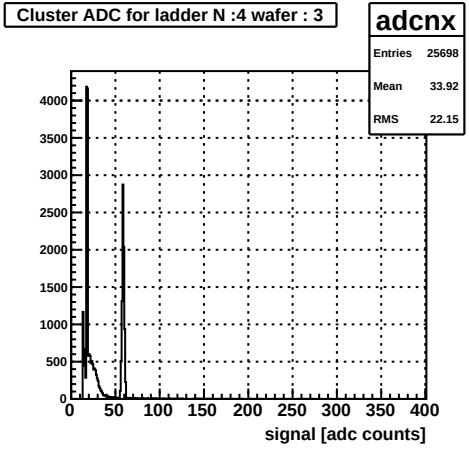

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 15037
Mean 24.78
RMS 19.3
signal [adc counts]

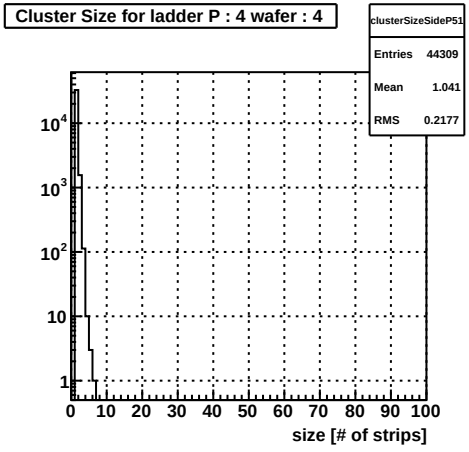

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 27274
Mean 1.021
RMS 0.1602
size [# of strips]

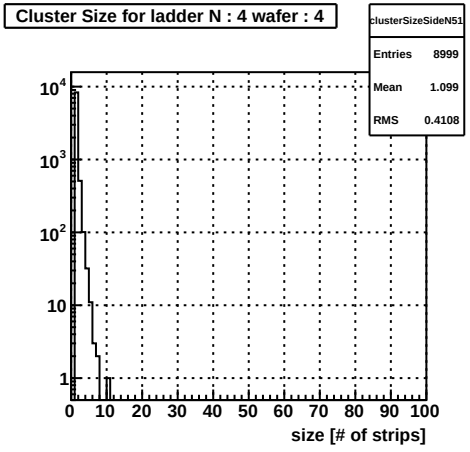

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 25698
Mean 1.668
RMS 0.9366
size [# of strips]

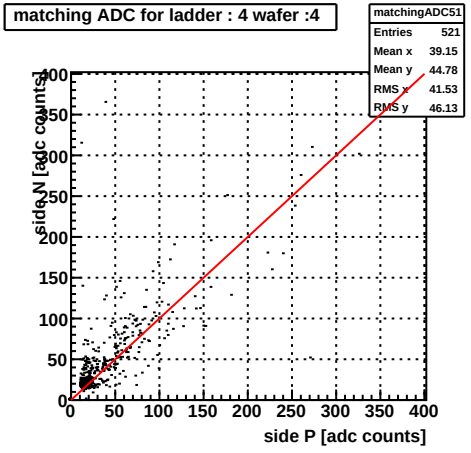

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1665
Mean x 31.56
Mean y 52.99
RMS x 39.42
RMS y 27.61
side N [adc counts]
side P [adc counts]

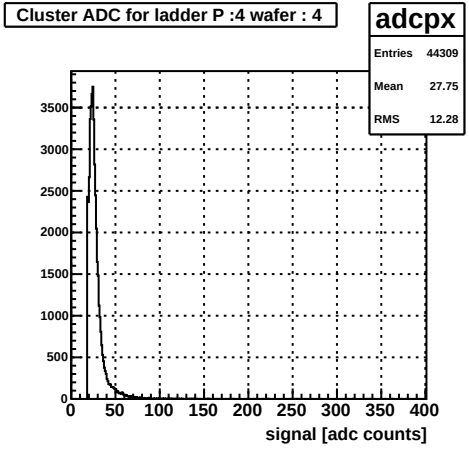

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 27274
Mean 26.87
RMS 18.15
signal [adc counts]

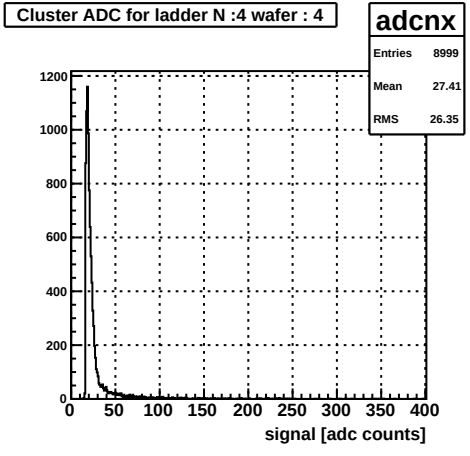

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 25698
Mean 33.92
RMS 22.15
signal [adc counts]

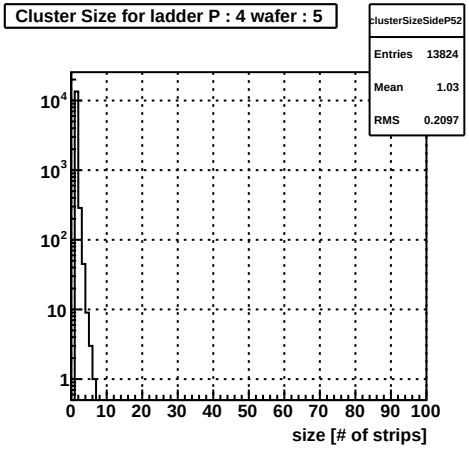

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 44309
Mean 1.041
RMS 0.2177
size [# of strips]

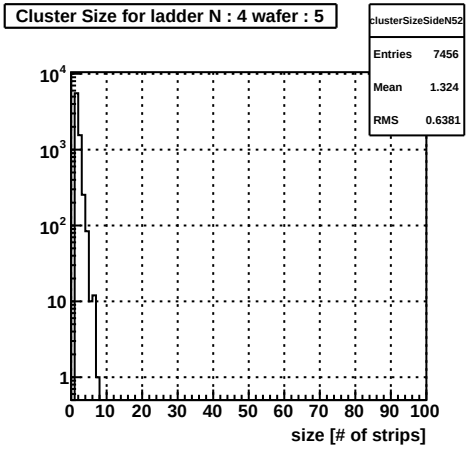

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 8999
Mean 1.099
RMS 0.4108
size [# of strips]

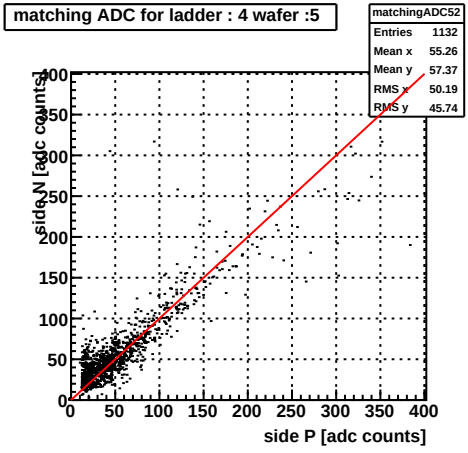

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 521
Mean x 39.15
Mean y 44.78
RMS x 41.53
RMS y 46.13
side N [adc counts]
side P [adc counts]

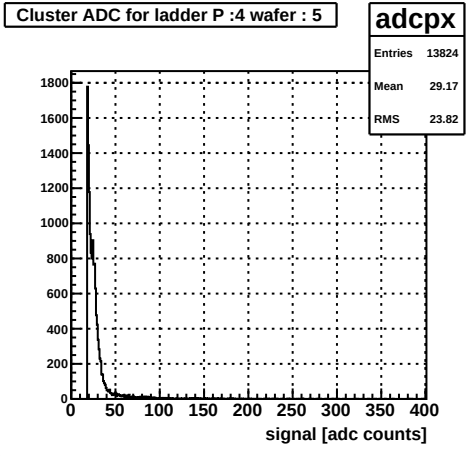

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 44309
Mean 27.75
RMS 12.28
signal [adc counts]

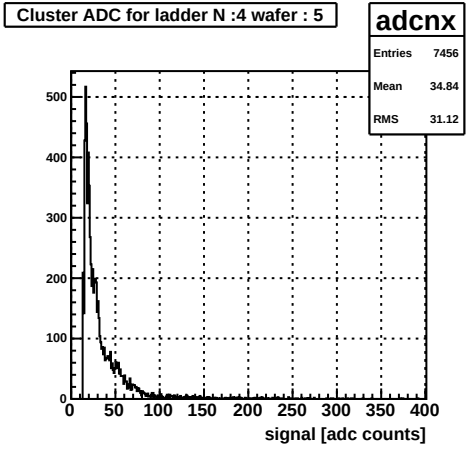

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 8999
Mean 27.41
RMS 26.35
signal [adc counts]

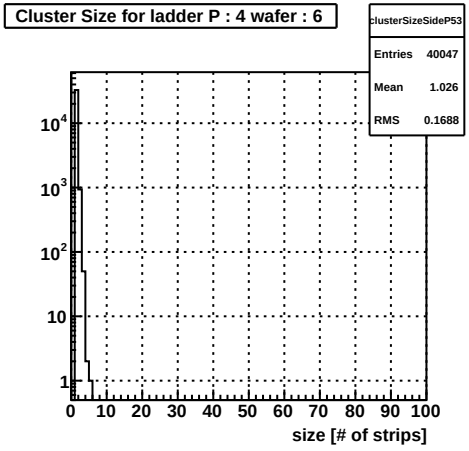

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 13824
Mean 1.03
RMS 0.2097
size [# of strips]

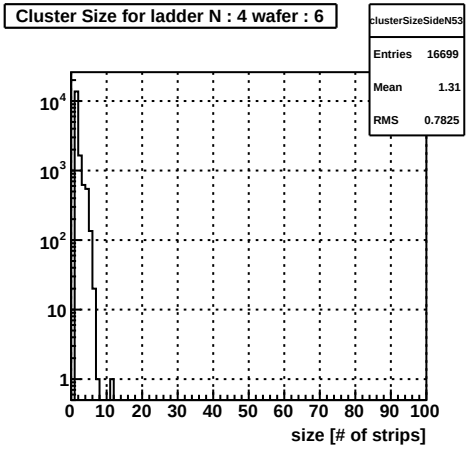

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 7456
Mean 1.324
RMS 0.6381
size [# of strips]

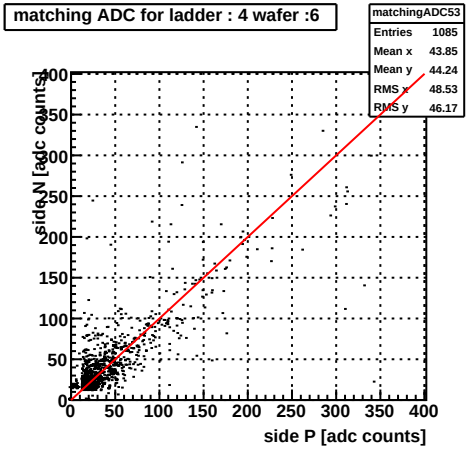

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1132
Mean x 55.26
Mean y 57.37
RMS x 50.19
RMS y 45.74
side N [adc counts]
side P [adc counts]

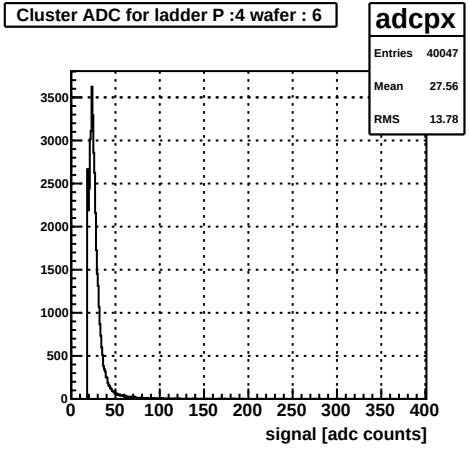

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 13824
Mean 29.17
RMS 23.82
signal [adc counts]

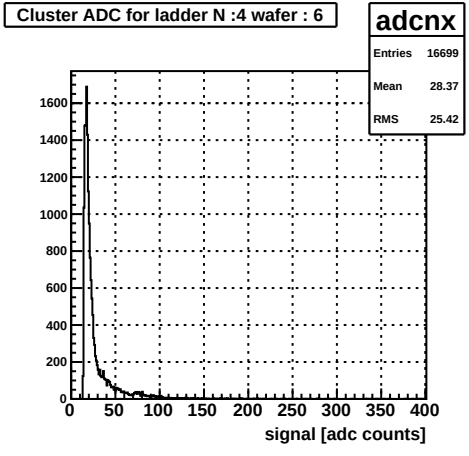

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 7456
Mean 34.84
RMS 31.12
signal [adc counts]

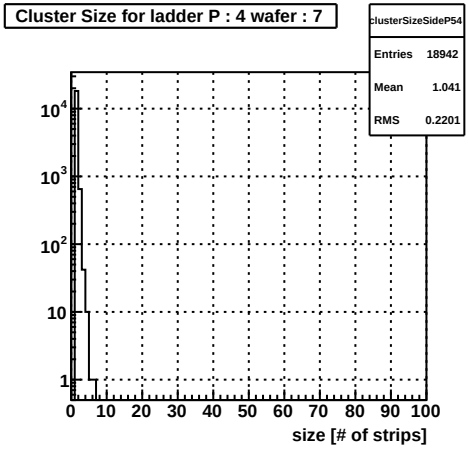

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 40047
Mean 1.026
RMS 0.1688
size [# of strips]

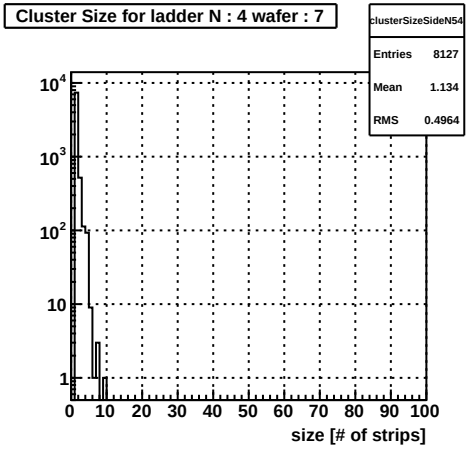

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 16699
Mean 1.31
RMS 0.7825
size [# of strips]

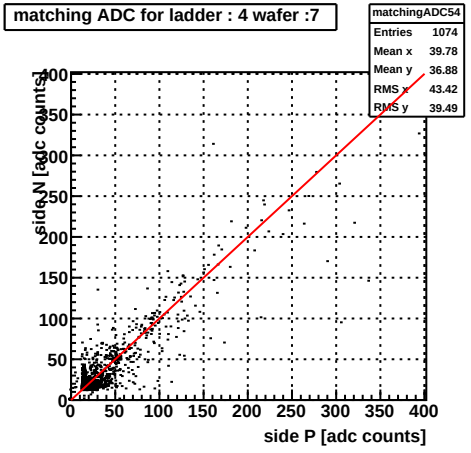

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1085
Mean x 43.85
Mean y 44.24
RMS x 48.53
RMS y 46.17
side N [adc counts]
side P [adc counts]

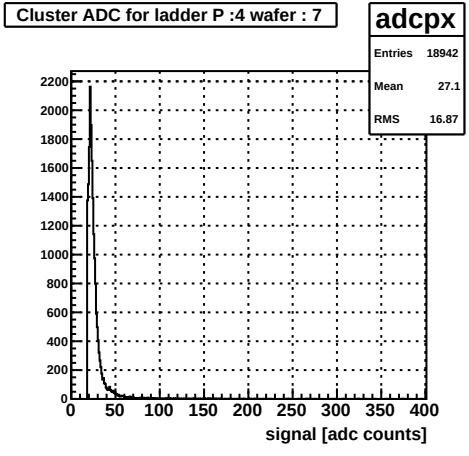

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 40047
Mean 27.56
RMS 13.78
signal [adc counts]

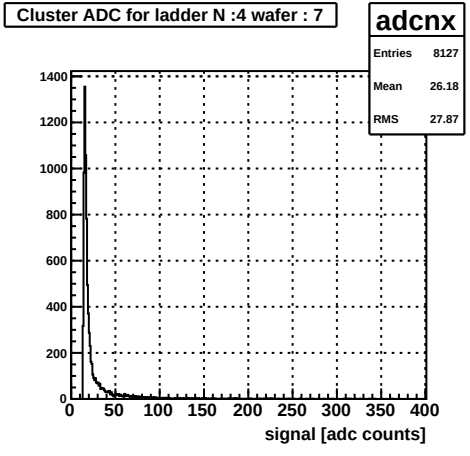

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 16699
Mean 28.37
RMS 25.42
signal [adc counts]

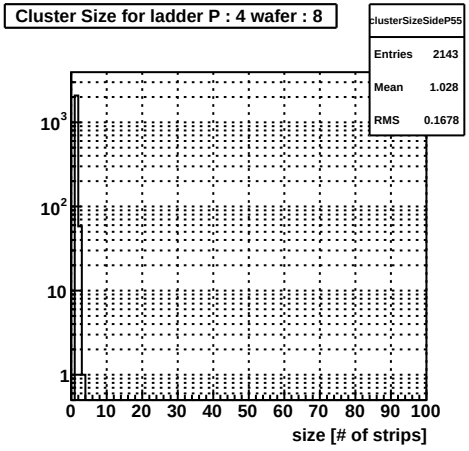

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 18942
Mean 1.041
RMS 0.2201
size [# of strips]

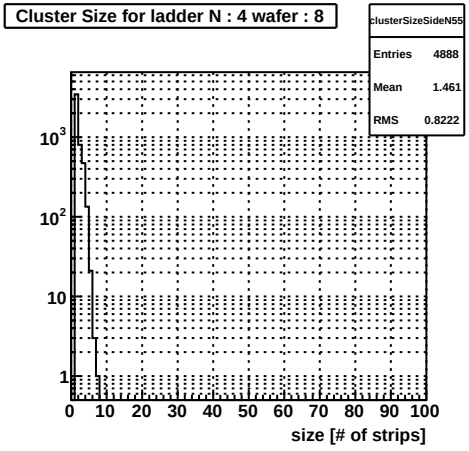

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 8127
Mean 1.134
RMS 0.4964
size [# of strips]

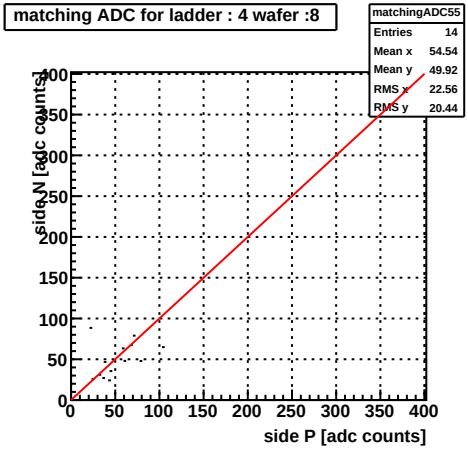

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 1074
Mean x 39.78
Mean y 36.88
RMS x 43.42
RMS y 39.49
side N [adc counts]
side P [adc counts]

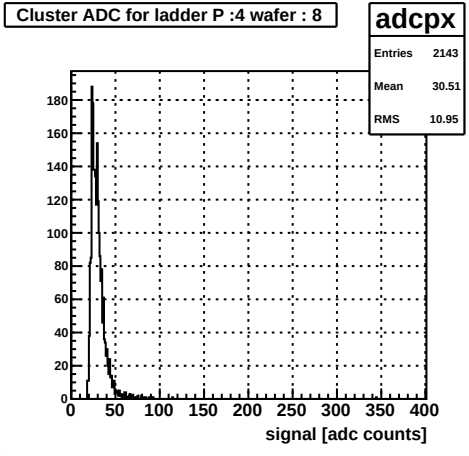

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 18942
Mean 27.1
RMS 16.87
signal [adc counts]

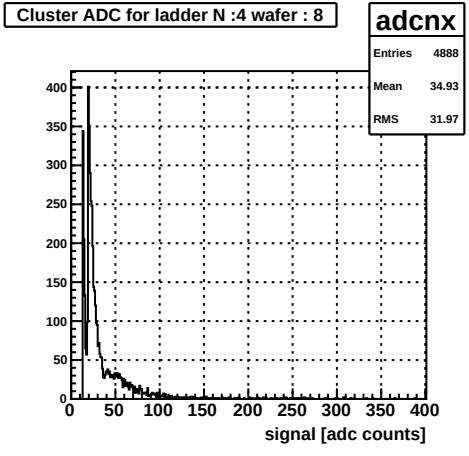

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 8127
Mean 26.18
RMS 27.87
signal [adc counts]

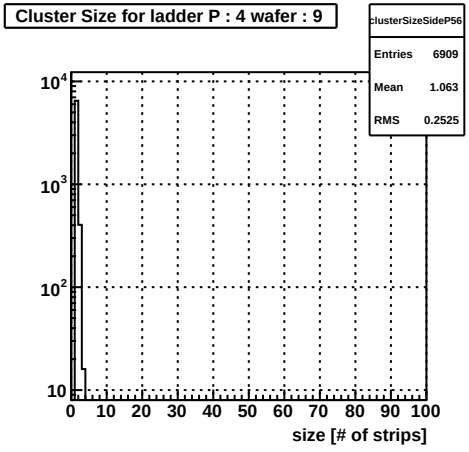

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2143
Mean 1.028
RMS 0.1678
size [# of strips]

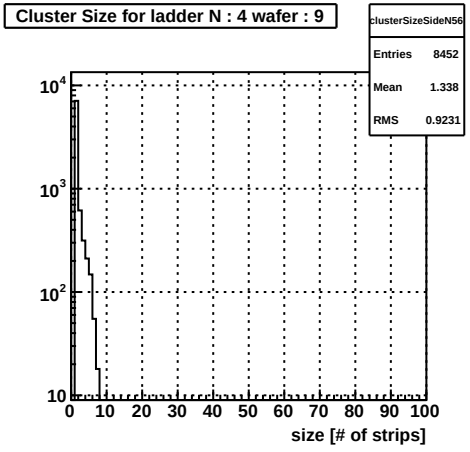

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 4888
Mean 1.461
RMS 0.8222
size [# of strips]

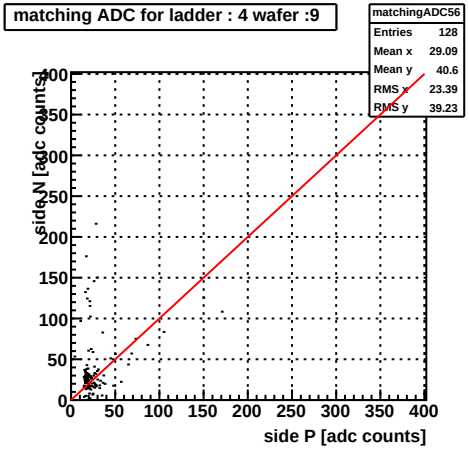

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 14
Mean x 54.54
Mean y 49.92
RMS x 22.56
RMS y 20.44
side N [adc counts]
side P [adc counts]

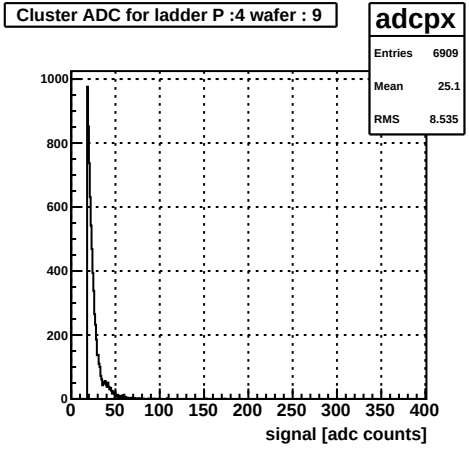

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2143
Mean 30.51
RMS 10.95
signal [adc counts]

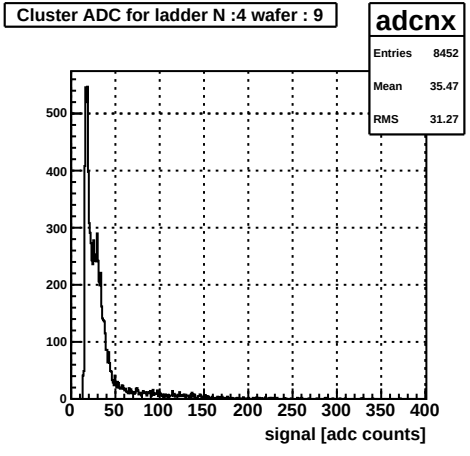

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 4888
Mean 34.93
RMS 31.97
signal [adc counts]

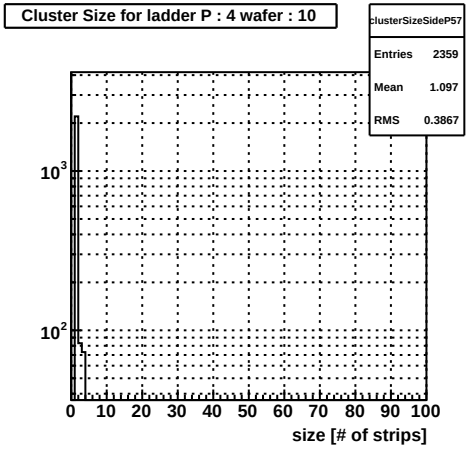

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 6909
Mean 1.063
RMS 0.2525
size [# of strips]

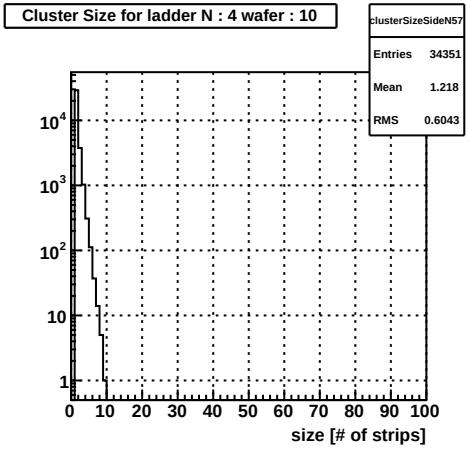

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 8452
Mean 1.338
RMS 0.9231
size [# of strips]

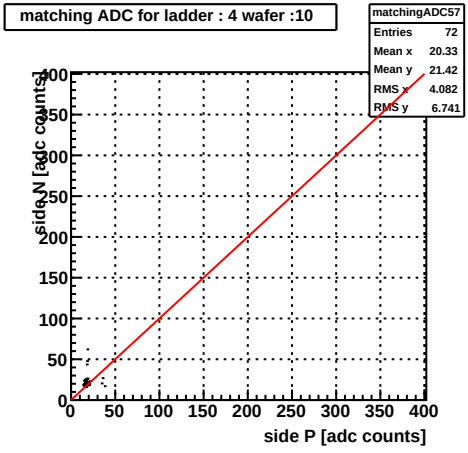

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 128
Mean x 29.09
Mean y 40.6
RMS x 23.39
RMS y 39.23
side N [adc counts]
side P [adc counts]

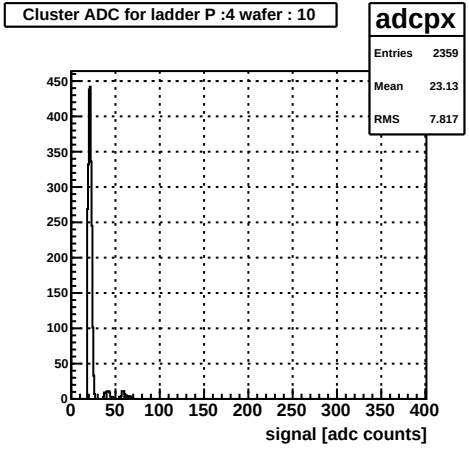

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 6909
Mean 25.1
RMS 8.535
signal [adc counts]

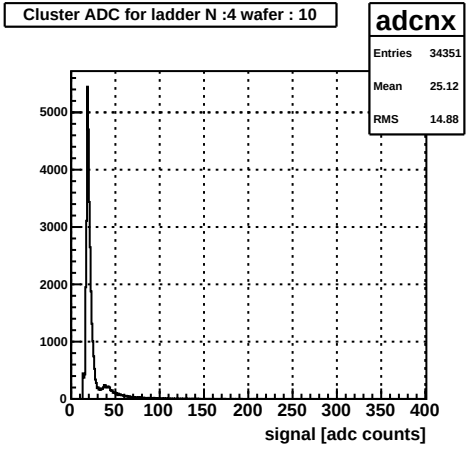

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 8452
Mean 35.47
RMS 31.27
signal [adc counts]

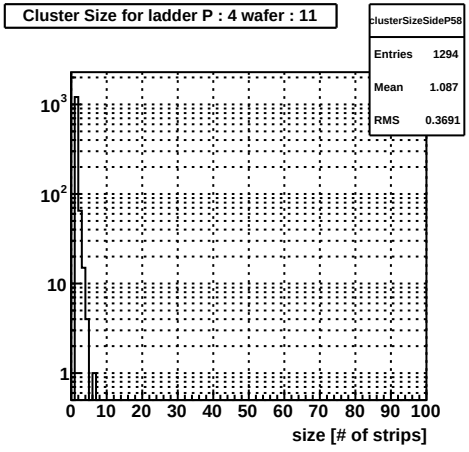

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 2359
Mean 1.097
RMS 0.3867
size [# of strips]

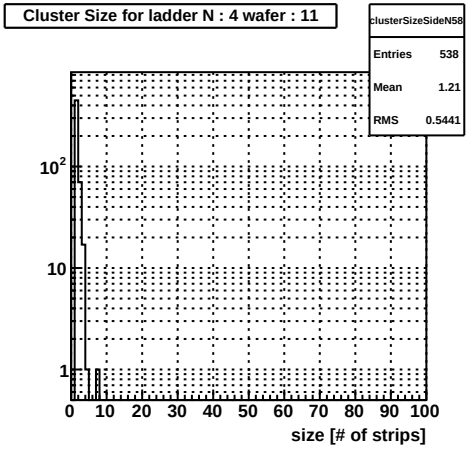

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 34351
Mean 1.218
RMS 0.6043
size [# of strips]

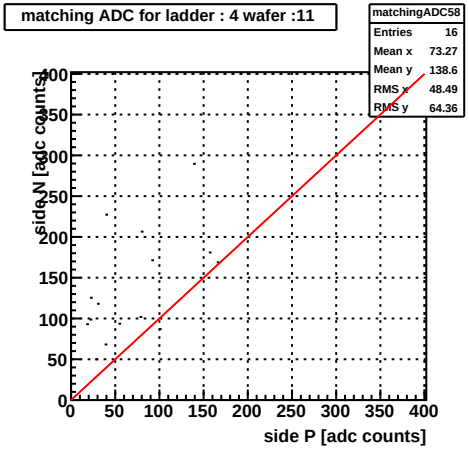

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 72
Mean x 20.33
Mean y 21.42
RMS x 4.082
RMS y 6.741
side N [adc counts]
side P [adc counts]

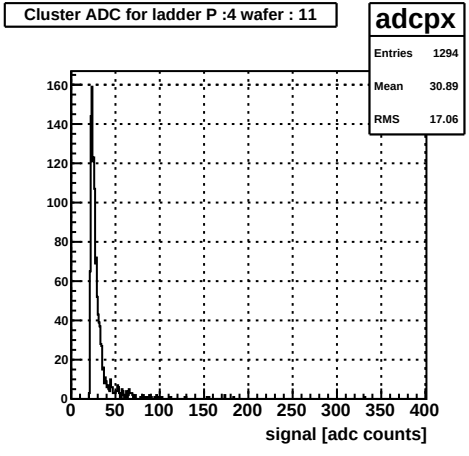

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 2359
Mean 23.13
RMS 7.817
signal [adc counts]

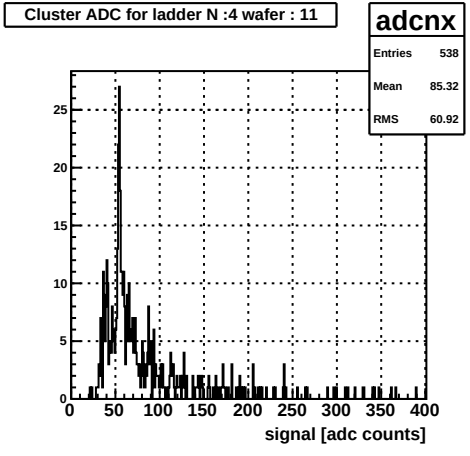

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 34351
Mean 25.12
RMS 14.88
signal [adc counts]

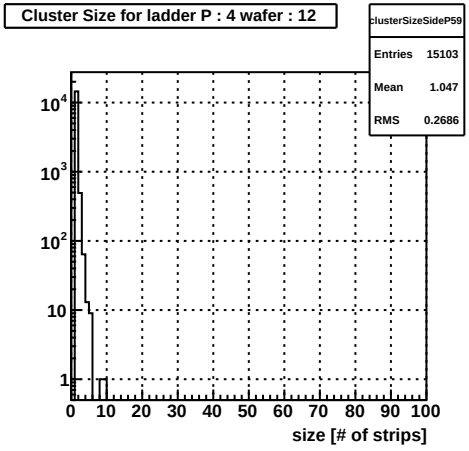

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1294
Mean 1.087
RMS 0.3691
size [# of strips]

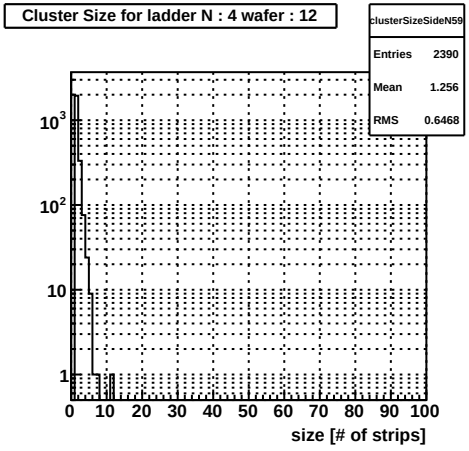

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 538
Mean 1.21
RMS 0.5441
size [# of strips]

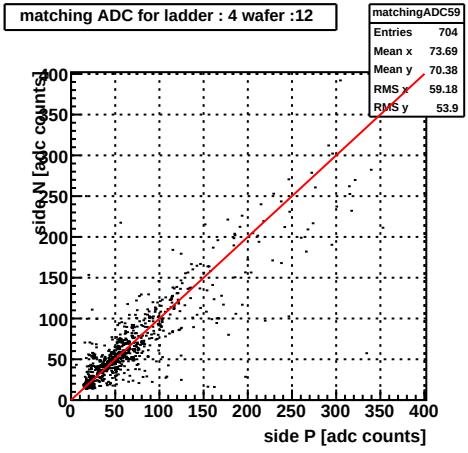

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 16
Mean x 73.27
Mean y 138.6
RMS x 48.49
RMS y 64.36
side N [adc counts]
side P [adc counts]

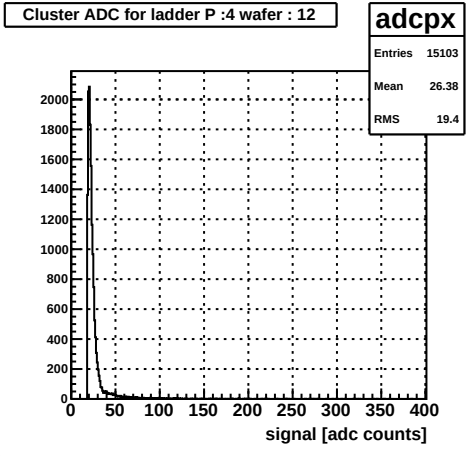

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1294
Mean 30.89
RMS 17.06
signal [adc counts]

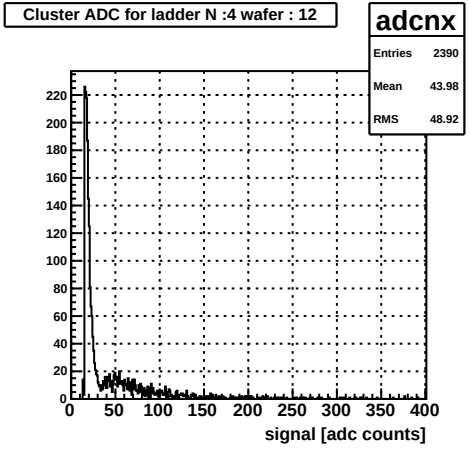

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 538
Mean 85.32
RMS 60.92
signal [adc counts]

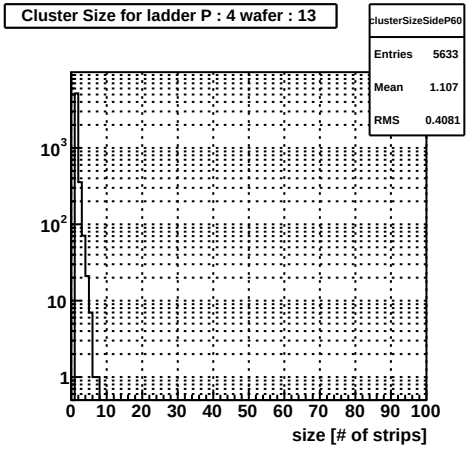

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 15103
Mean 1.047
RMS 0.2686
size [# of strips]

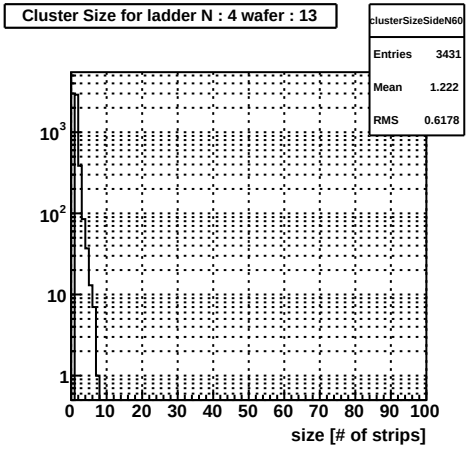

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2390
Mean 1.256
RMS 0.6468
size [# of strips]

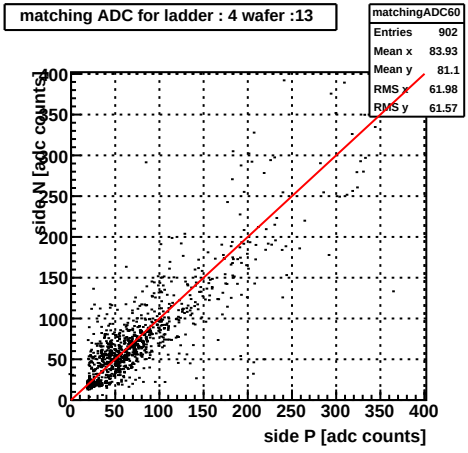

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 704
Mean x 73.69
Mean y 70.38
RMS x 59.18
RMS y 53.9
side N [adc counts]
side P [adc counts]

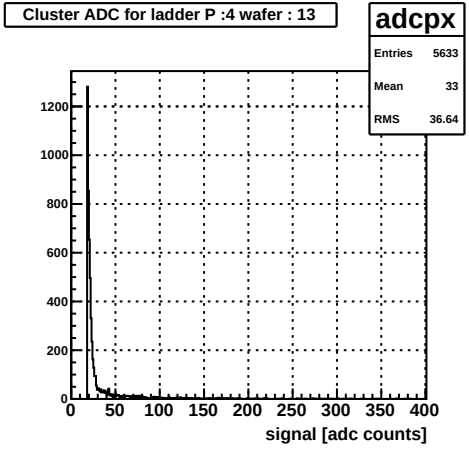

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 15103
Mean 26.38
RMS 19.4
signal [adc counts]

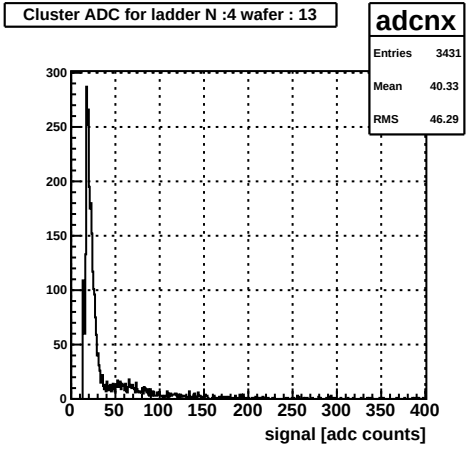

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2390
Mean 43.98
RMS 48.92
signal [adc counts]

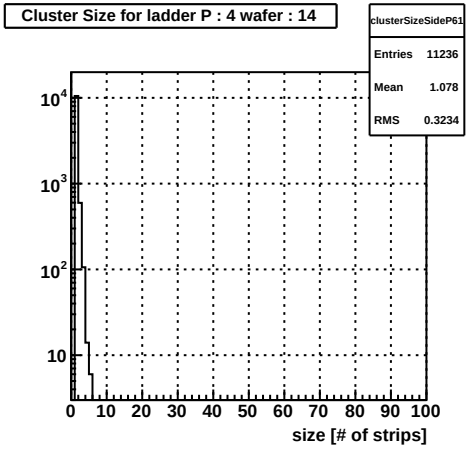

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5633
Mean 1.107
RMS 0.4081
size [# of strips]

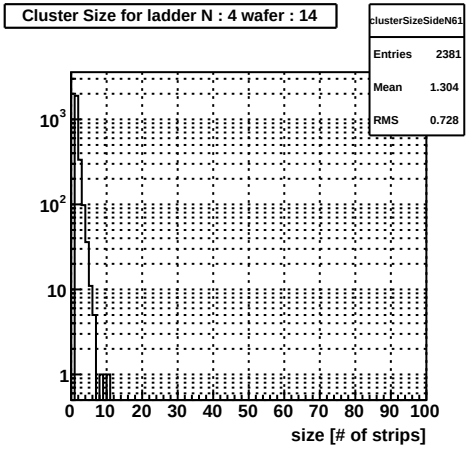

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 3431
Mean 1.222
RMS 0.6178
size [# of strips]

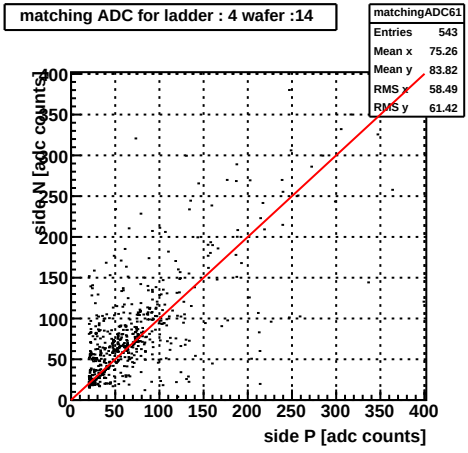

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 902
Mean x 83.93
Mean y 81.1
RMS x 61.98
RMS y 61.57
side N [adc counts]
side P [adc counts]

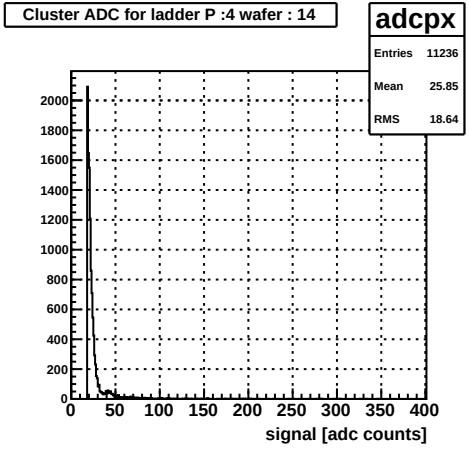

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5633
Mean 33
RMS 36.64
signal [adc counts]

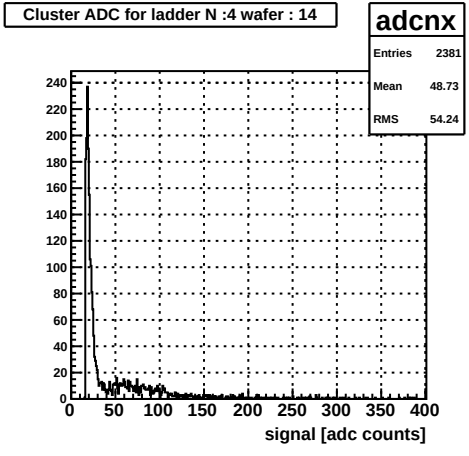

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 3431
Mean 40.33
RMS 46.29
signal [adc counts]

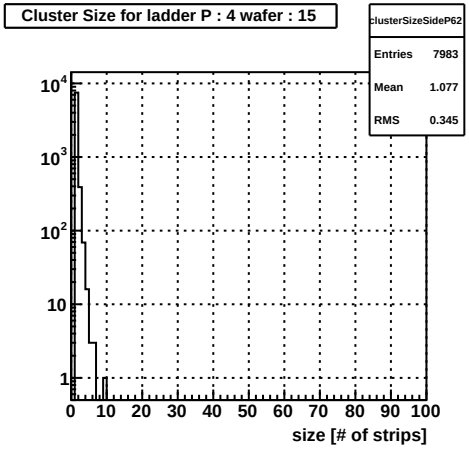

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11236
Mean 1.078
RMS 0.3234
size [# of strips]

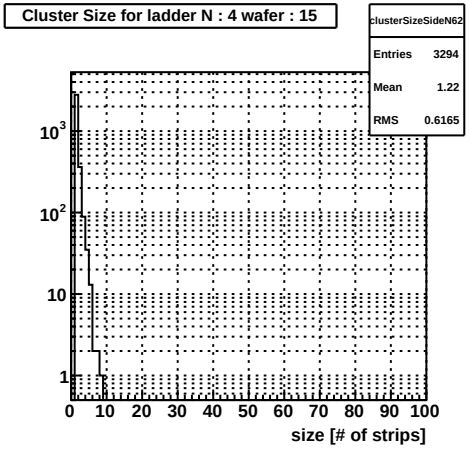

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2381
Mean 1.304
RMS 0.728
size [# of strips]

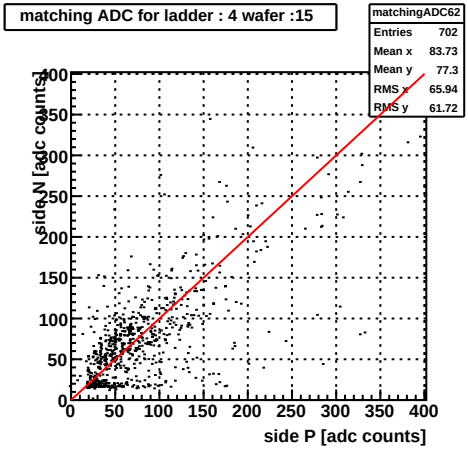

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 543
Mean x 75.26
Mean y 83.82
RMS x 58.49
RMS y 61.42
side N [adc counts]
side P [adc counts]

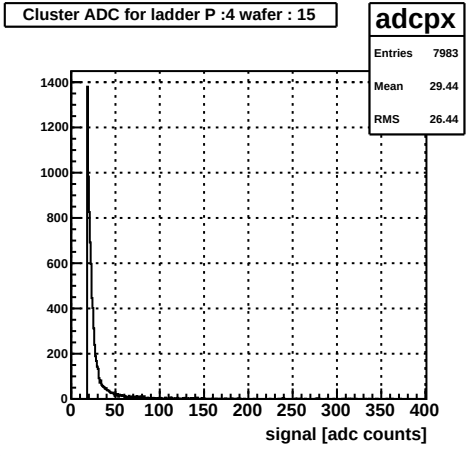

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11236
Mean 25.85
RMS 18.64
signal [adc counts]

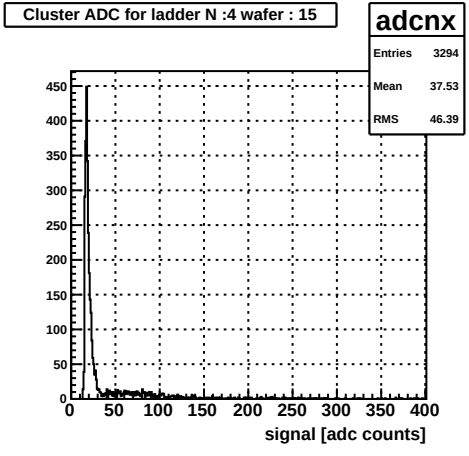

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2381
Mean 48.73
RMS 54.24
signal [adc counts]

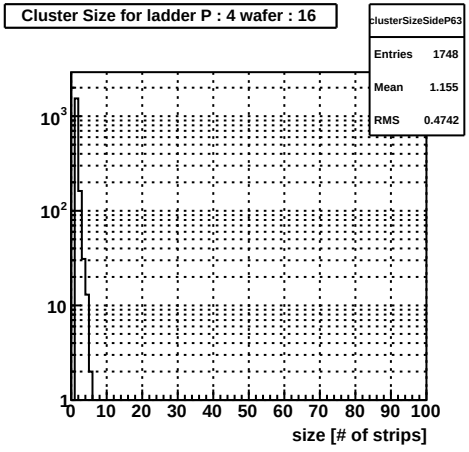

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 7983
Mean 1.077
RMS 0.345
size [# of strips]

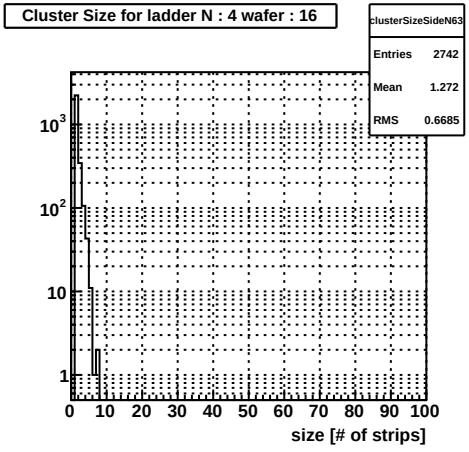

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3294
Mean 1.22
RMS 0.6165
size [# of strips]

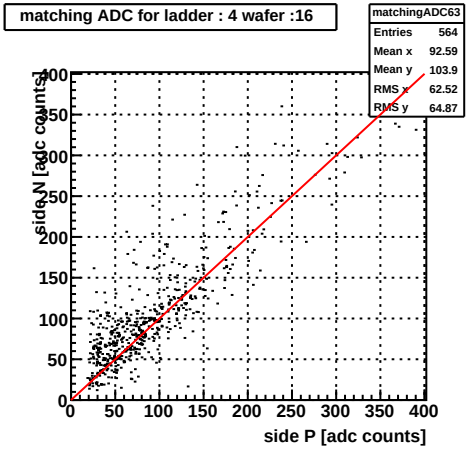

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 702
Mean x 83.73
Mean y 77.3
RMS x 65.94
RMS y 61.72
side N [adc counts]
side P [adc counts]

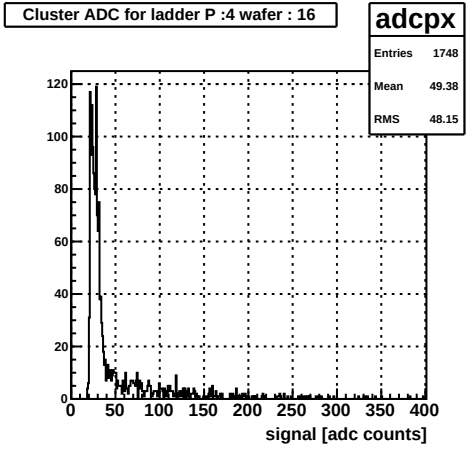

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 7983
Mean 29.44
RMS 26.44
signal [adc counts]

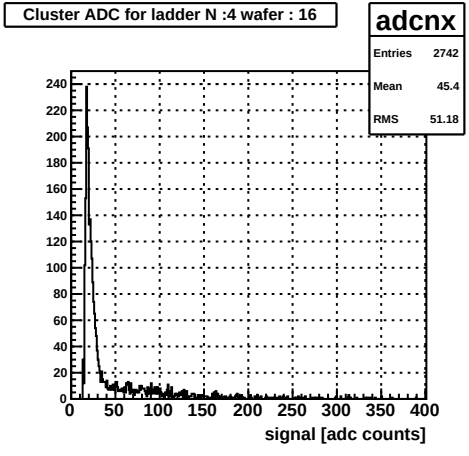

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3294
Mean 37.53
RMS 46.39
signal [adc counts]

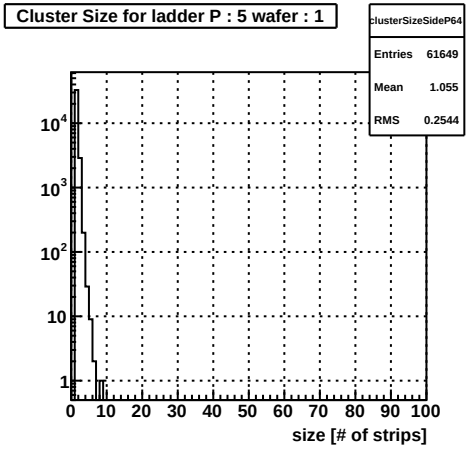

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1748
Mean 1.155
RMS 0.4742
size [# of strips]

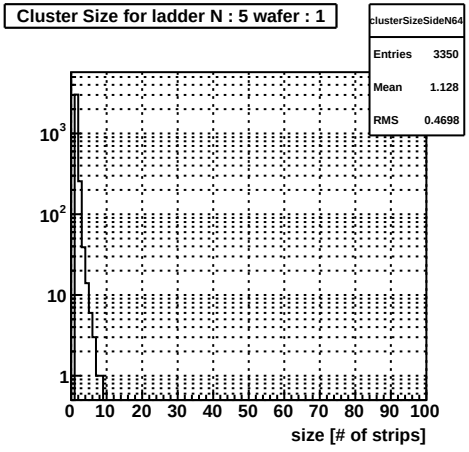

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2742
Mean 1.272
RMS 0.6685
size [# of strips]

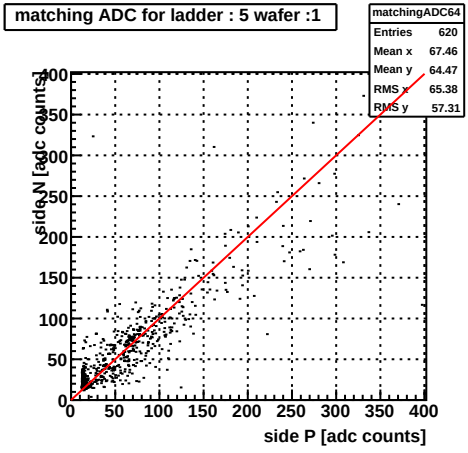

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 564
Mean x 92.59
Mean y 103.9
RMS x 62.52
RMS y 64.87
side N [adc counts]
side P [adc counts]

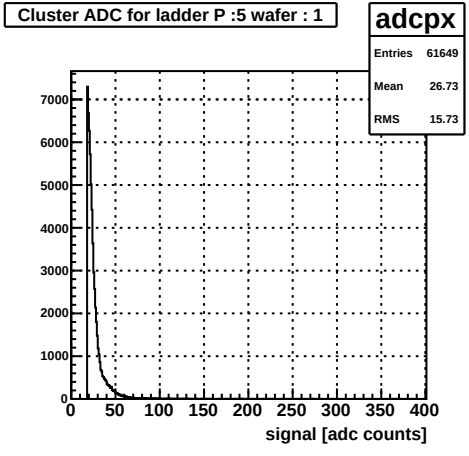

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1748
Mean 49.38
RMS 48.15
signal [adc counts]

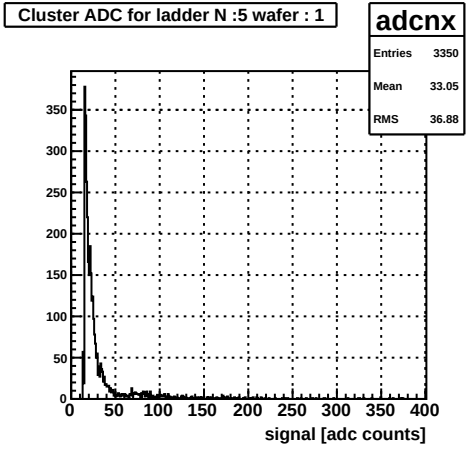

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2742
Mean 45.4
RMS 51.18
signal [adc counts]

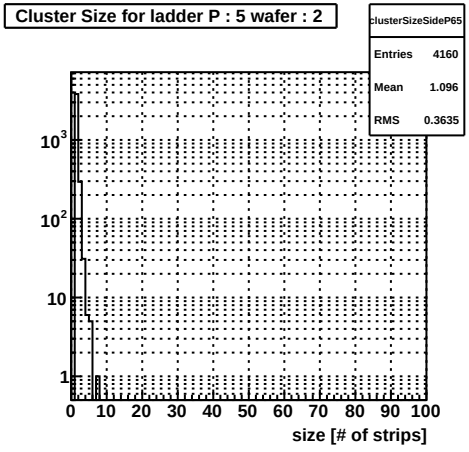

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 61649
Mean 1.055
RMS 0.2544
size [# of strips]

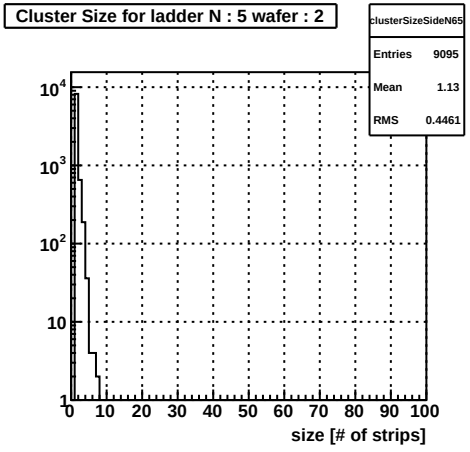

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3350
Mean 1.128
RMS 0.4698
size [# of strips]

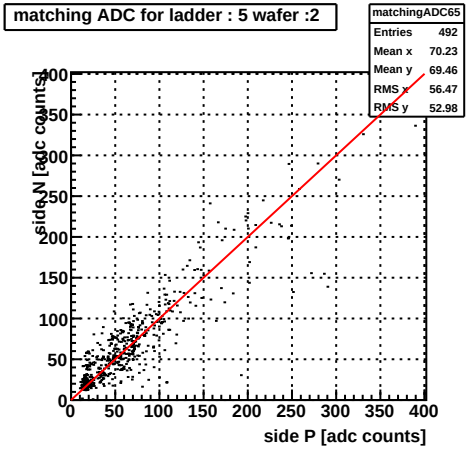

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 620
Mean x 67.46
Mean y 64.47
RMS x 65.38
RMS y 57.31
side N [adc counts]
side P [adc counts]

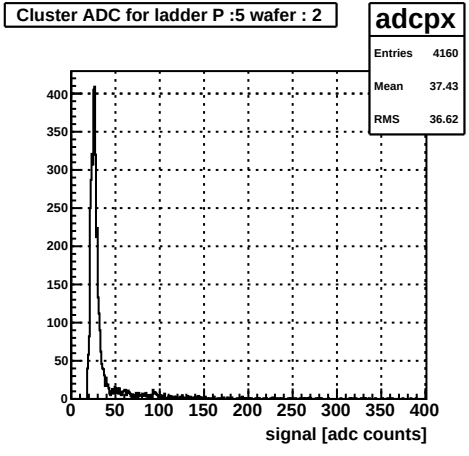

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 61649
Mean 26.73
RMS 15.73
signal [adc counts]

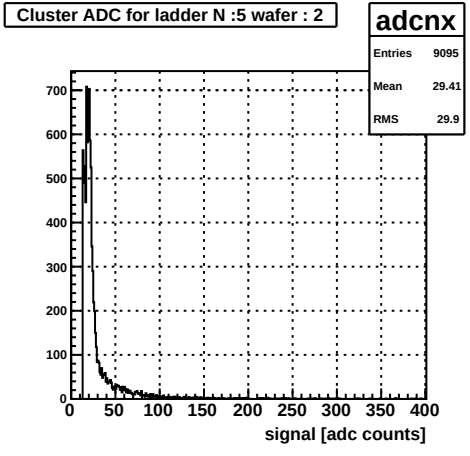

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3350
Mean 33.05
RMS 36.88
signal [adc counts]

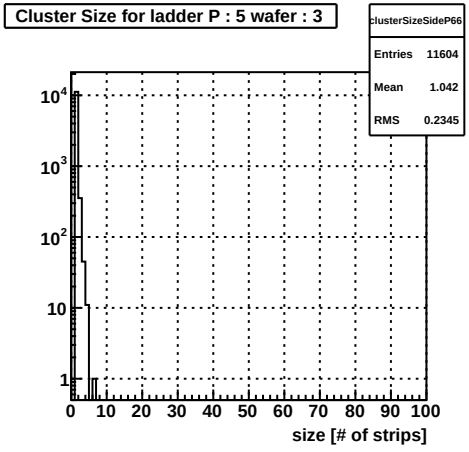

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 4160
Mean 1.096
RMS 0.3635
size [# of strips]

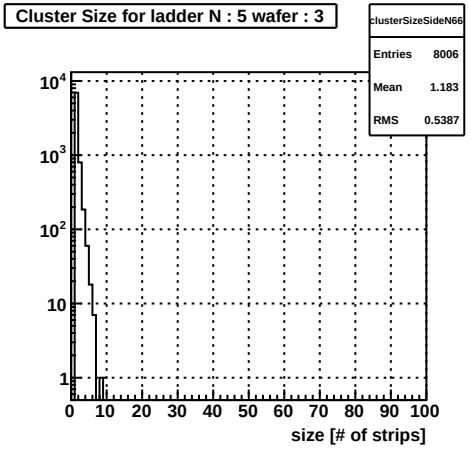

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 9095
Mean 1.13
RMS 0.4461
size [# of strips]

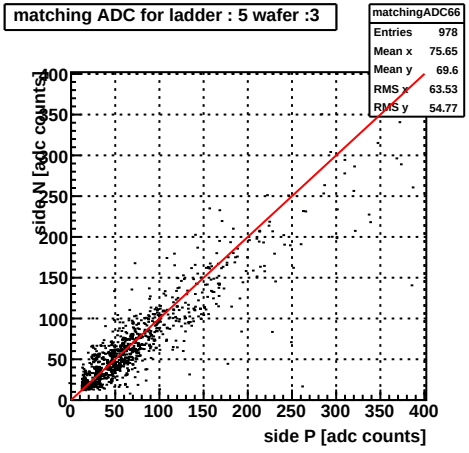

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 492
Mean x 70.23
Mean y 69.46
RMS x 56.47
RMS y 52.98
side N [adc counts]
side P [adc counts]

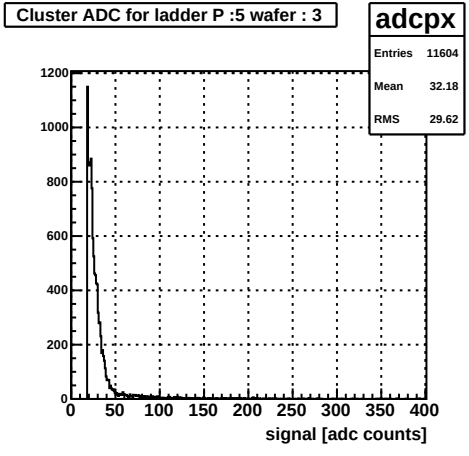

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 4160
Mean 37.43
RMS 36.62
signal [adc counts]

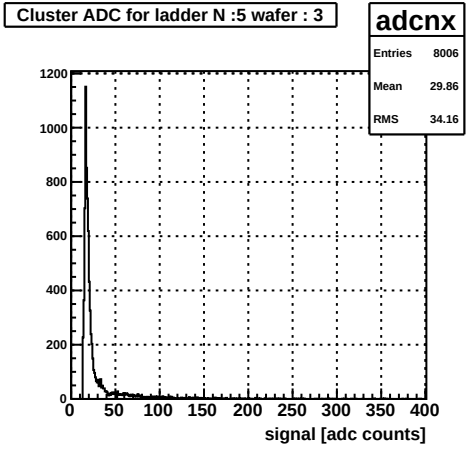

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 9095
Mean 29.41
RMS 29.9
signal [adc counts]

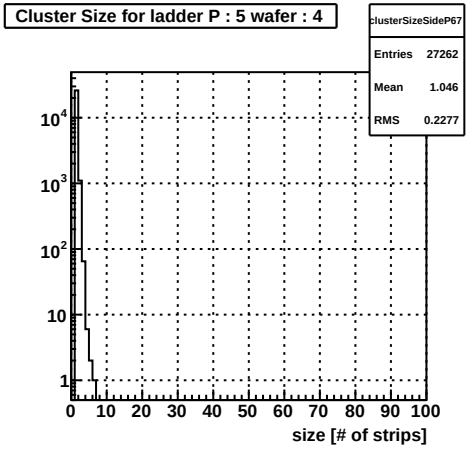

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 11604
Mean 1.042
RMS 0.2345
size [# of strips]

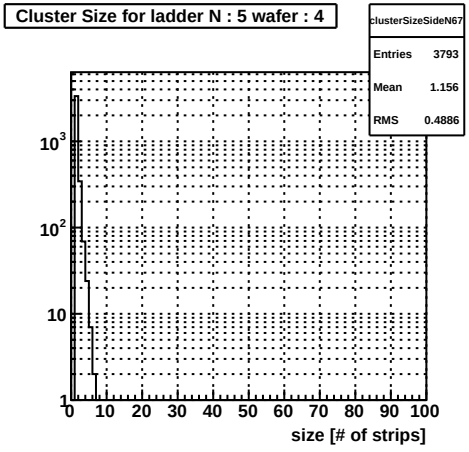

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8006
Mean 1.183
RMS 0.5387
size [# of strips]

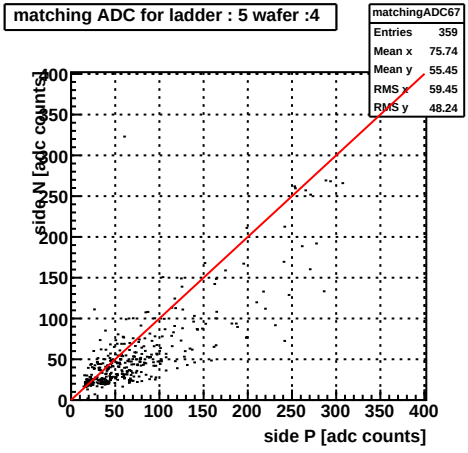

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 978
Mean x 75.65
Mean y 69.6
RMS x 63.53
RMS y 54.77
side N [adc counts]
side P [adc counts]

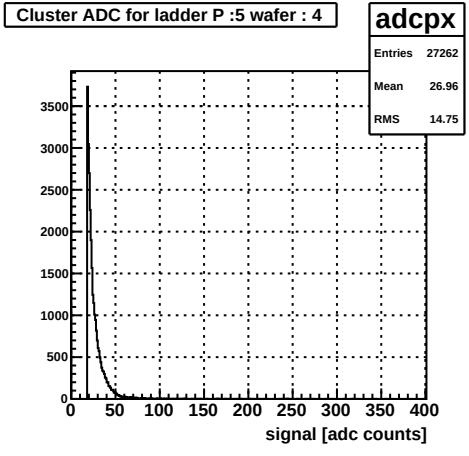

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 11604
Mean 32.18
RMS 29.62
signal [adc counts]

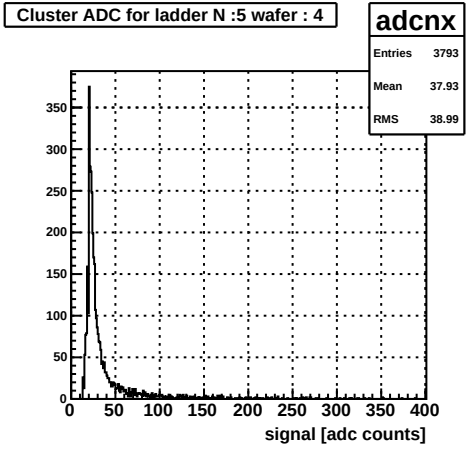

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8006
Mean 29.86
RMS 34.16
signal [adc counts]

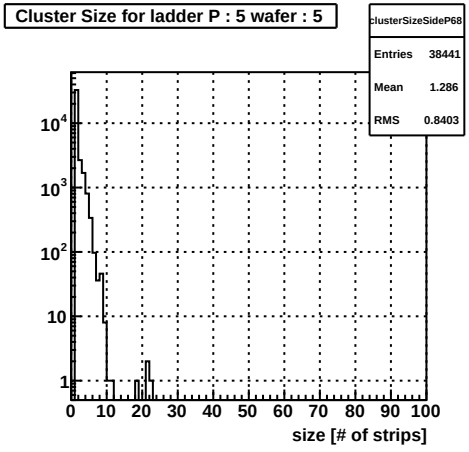

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 27262
Mean 1.046
RMS 0.2277
size [# of strips]

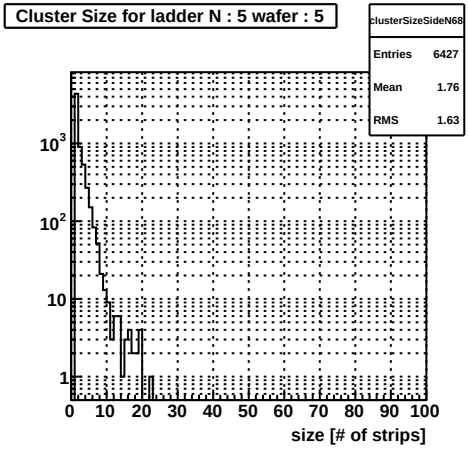

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3793
Mean 1.156
RMS 0.4886
size [# of strips]

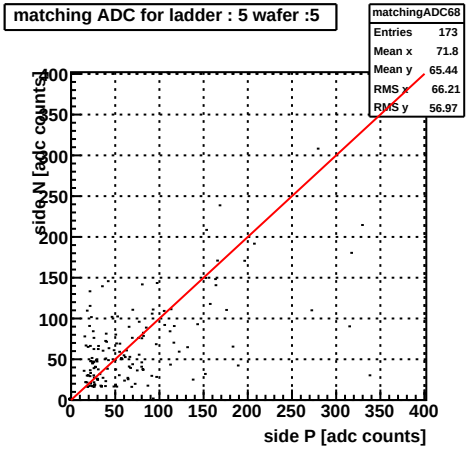

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 359
Mean x 75.74
Mean y 55.45
RMS x 59.45
RMS y 48.24
side N [adc counts]
side P [adc counts]

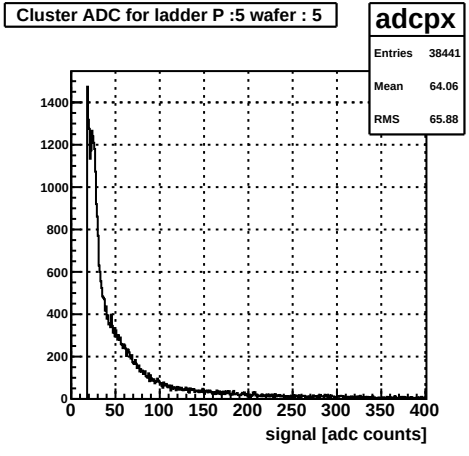

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 27262
Mean 26.96
RMS 14.75
signal [adc counts]

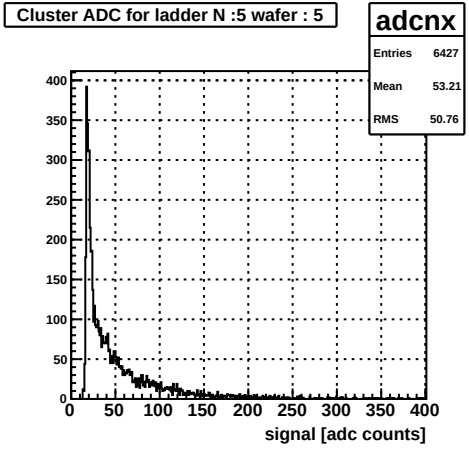

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3793
Mean 37.93
RMS 38.99
signal [adc counts]

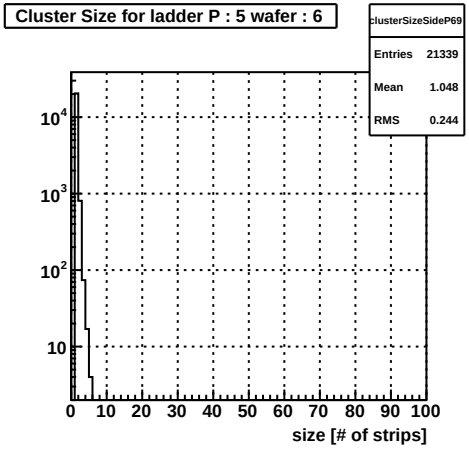

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 38441
Mean 1.286
RMS 0.8403
size [# of strips]

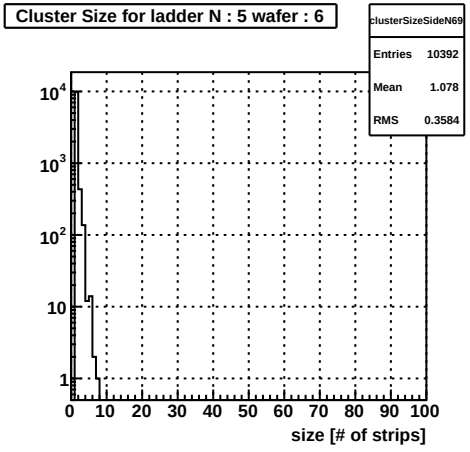

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 6427
Mean 1.76
RMS 1.63
size [# of strips]

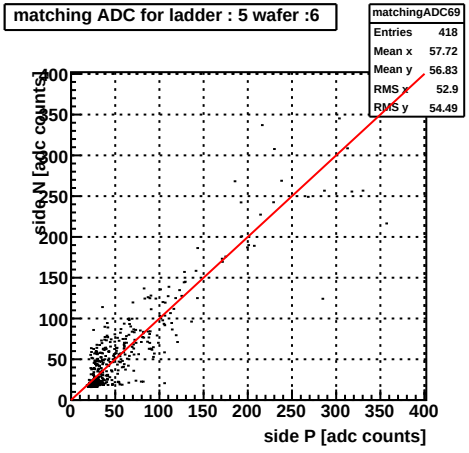

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 173
Mean x 71.8
Mean y 65.44
RMS x 66.21
RMS y 56.97
side N [adc counts]
side P [adc counts]

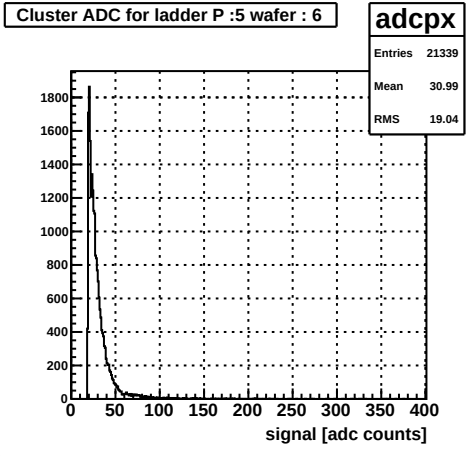

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 38441
Mean 64.06
RMS 65.88
signal [adc counts]

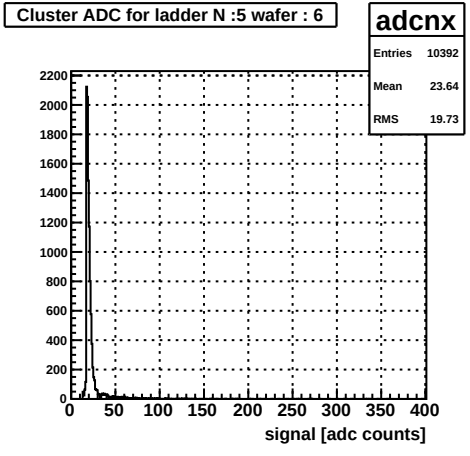

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 6427
Mean 53.21
RMS 50.76
signal [adc counts]

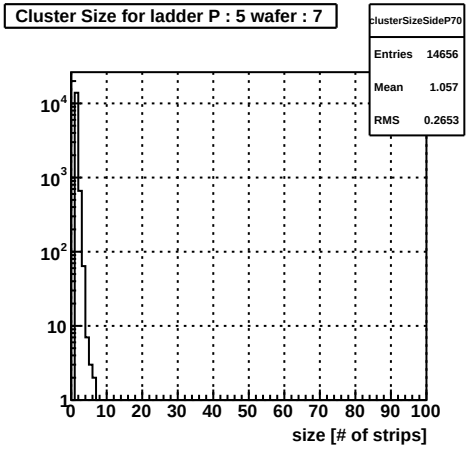

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 21339
Mean 1.048
RMS 0.244
size [# of strips]

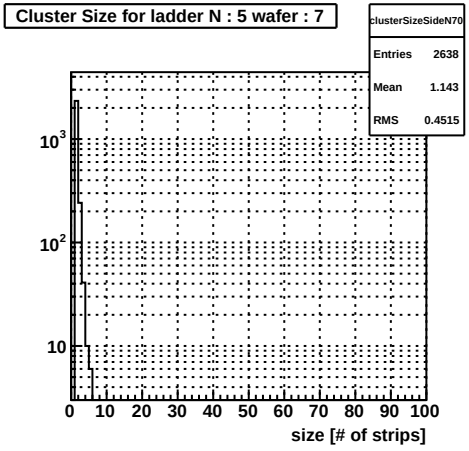

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10392
Mean 1.078
RMS 0.3584
size [# of strips]

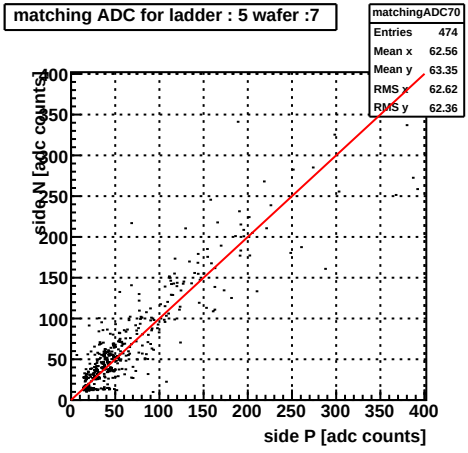

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 418
Mean x 57.72
Mean y 56.83
RMS x 52.9
RMS y 54.49
side N [adc counts]
side P [adc counts]

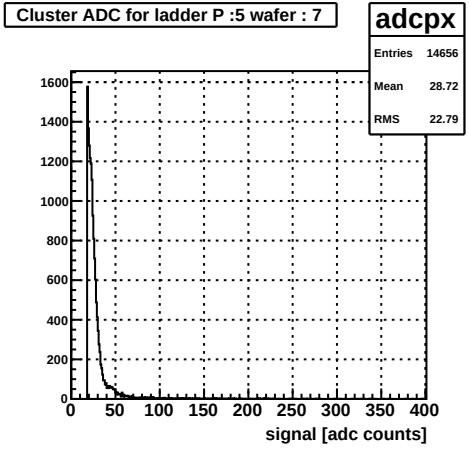

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 21339
Mean 30.99
RMS 19.04
signal [adc counts]

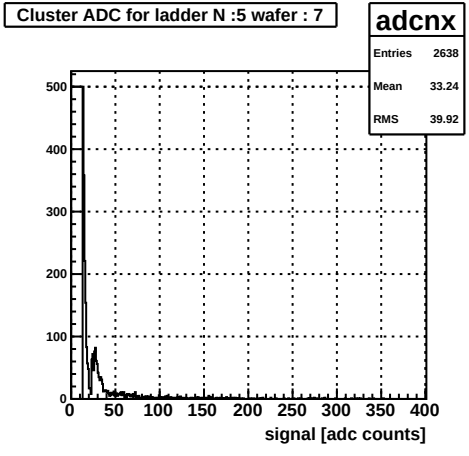

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10392
Mean 23.64
RMS 19.73
signal [adc counts]

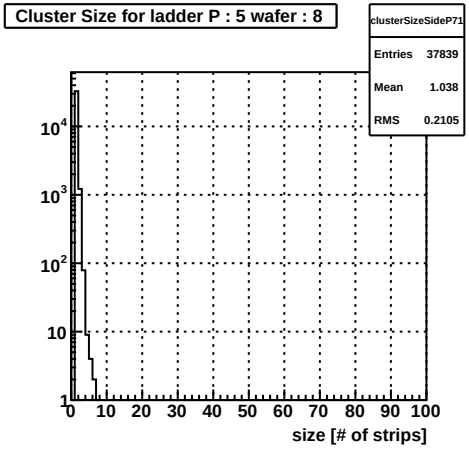

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 14656
Mean 1.057
RMS 0.2653
size [# of strips]

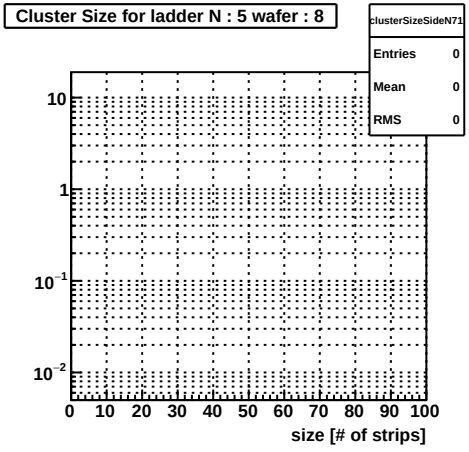

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 2638
Mean 1.143
RMS 0.4515
size [# of strips]

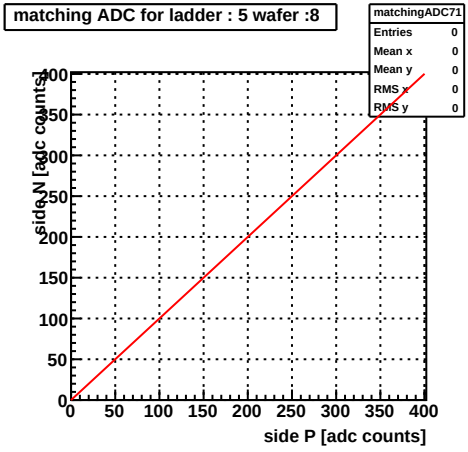

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 474
Mean x 62.56
Mean y 63.35
RMS x 62.62
RMS y 62.36
side N [adc counts]
side P [adc counts]

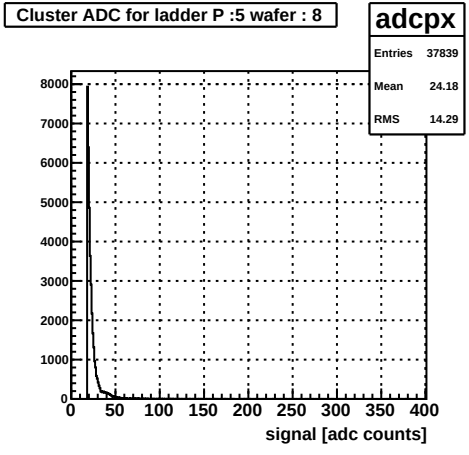

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 14656
Mean 28.72
RMS 22.79
signal [adc counts]

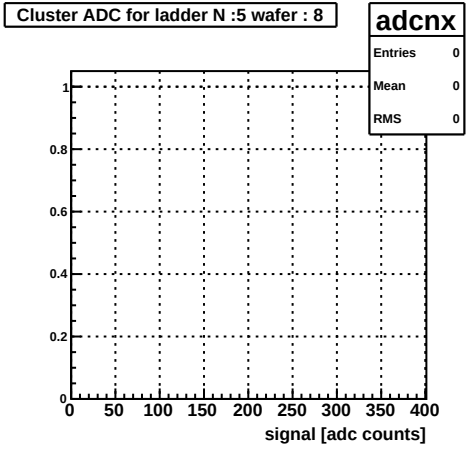

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 2638
Mean 33.24
RMS 39.92
signal [adc counts]

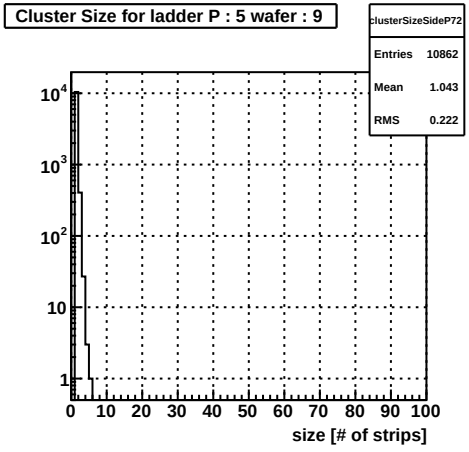

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 37839
Mean 1.038
RMS 0.2105
size [# of strips]

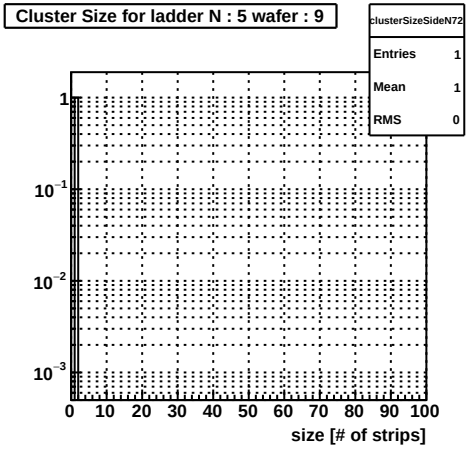

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

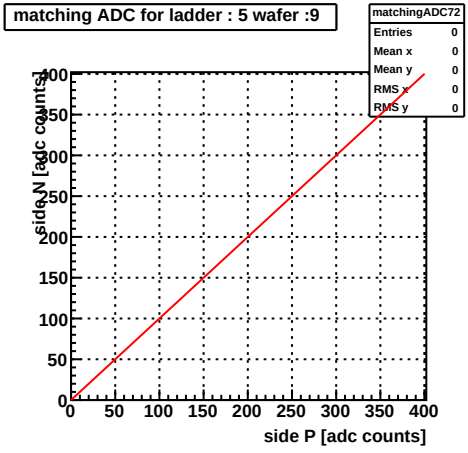

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

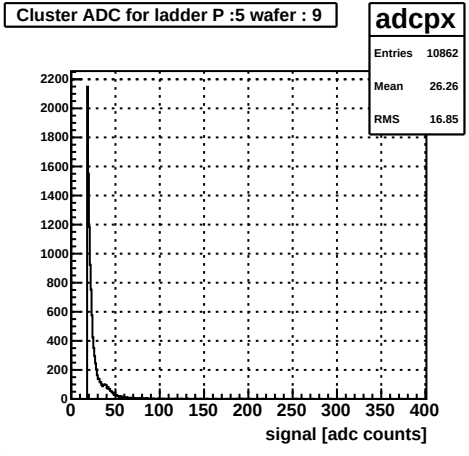

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 37839
Mean 24.18
RMS 14.29
signal [adc counts]

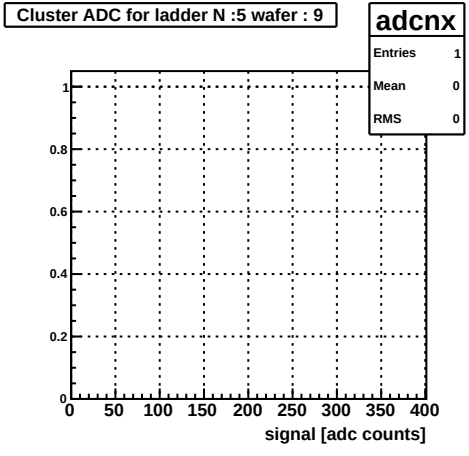

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

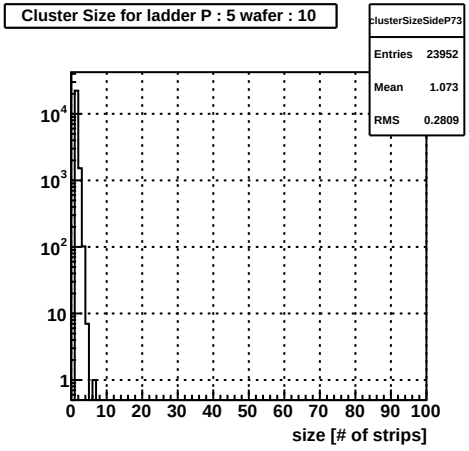

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 10862
Mean 1.043
RMS 0.222
size [# of strips]

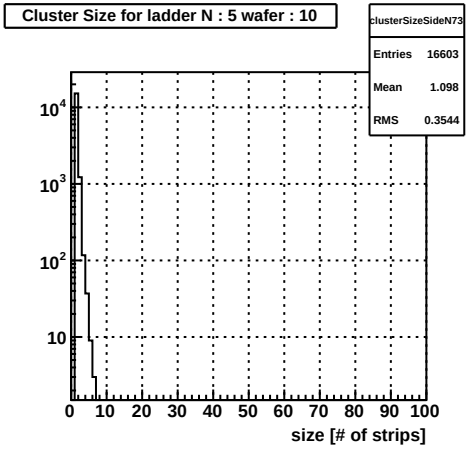

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

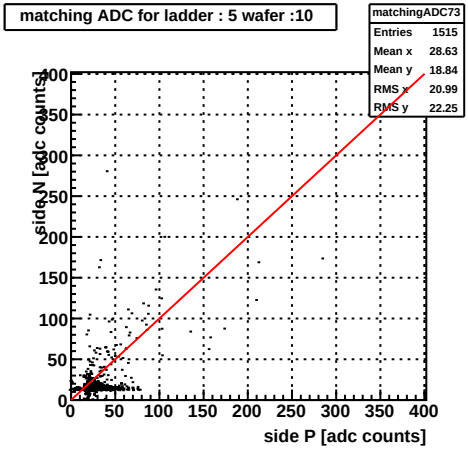

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

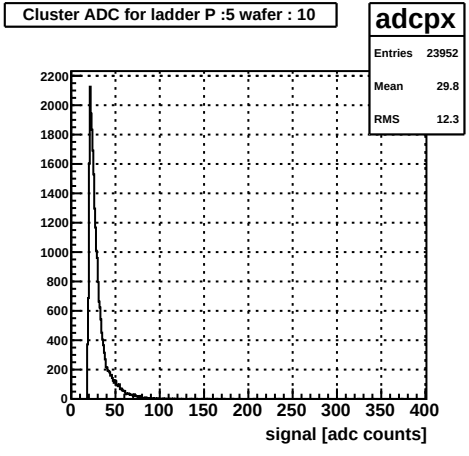

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 10862
Mean 26.26
RMS 16.85
signal [adc counts]

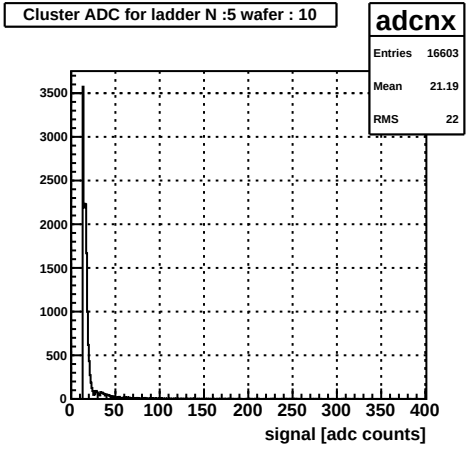

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

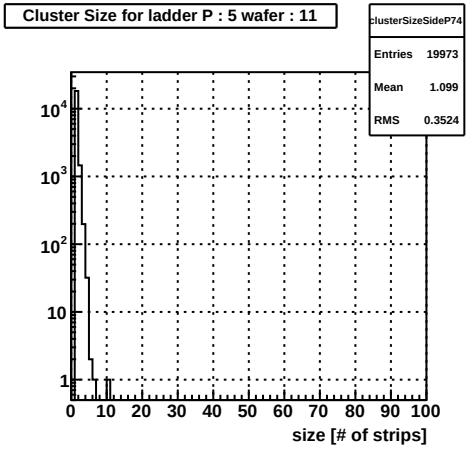

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 23952
Mean 1.073
RMS 0.2809
size [# of strips]

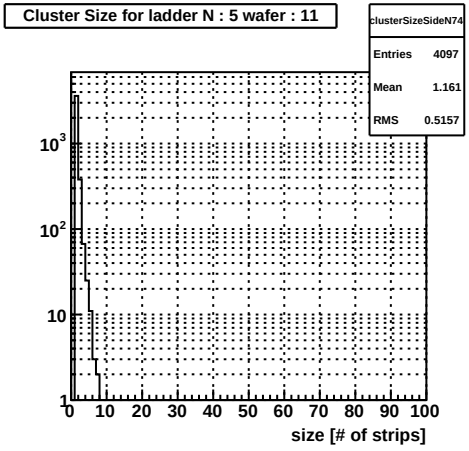

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 16603
Mean 1.098
RMS 0.3544
size [# of strips]

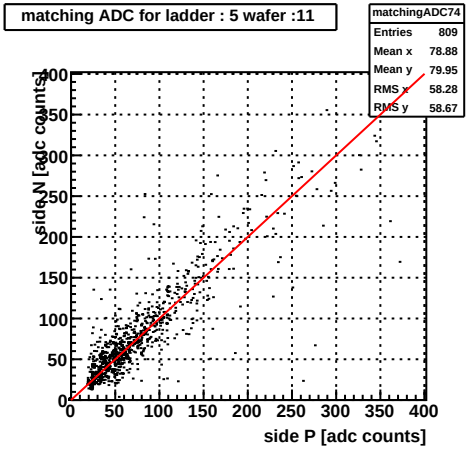

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1515
Mean x 28.63
Mean y 18.84
RMS x 20.99
RMS y 22.25
side N [adc counts]
side P [adc counts]

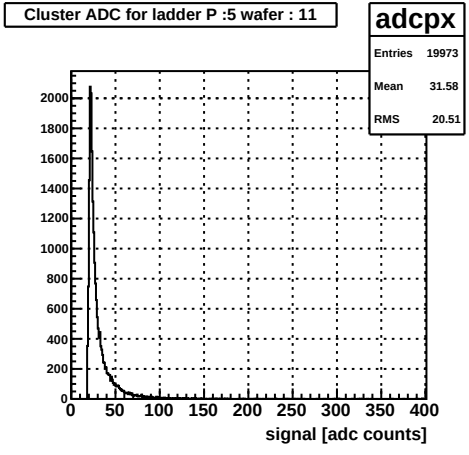

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 23952
Mean 29.8
RMS 12.3
signal [adc counts]

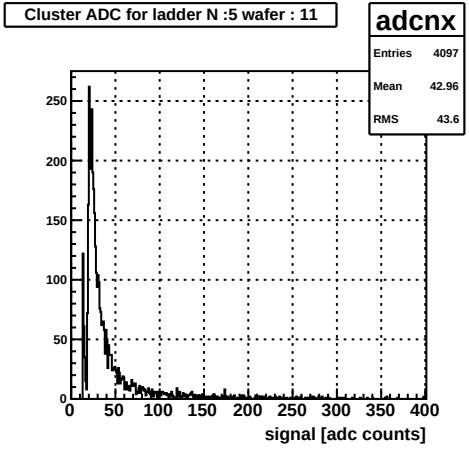

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 16603
Mean 21.19
RMS 22
signal [adc counts]

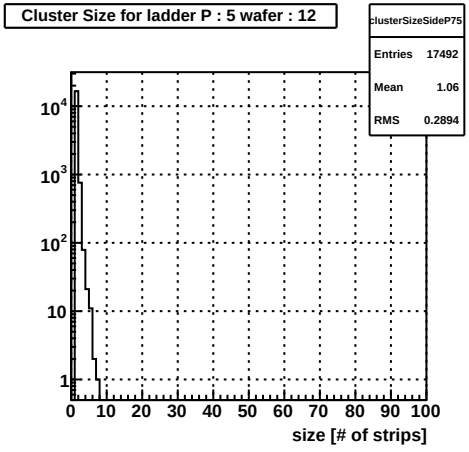

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 19973
Mean 1.099
RMS 0.3524
size [# of strips]

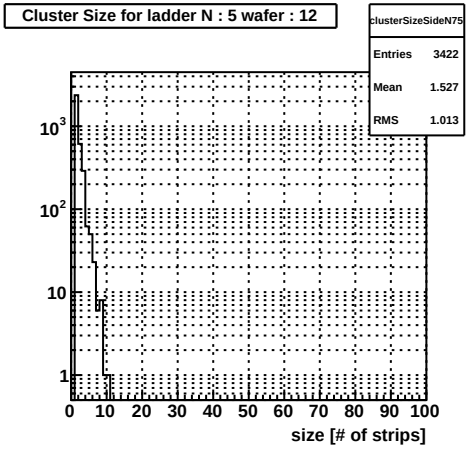

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 4097
Mean 1.161
RMS 0.5157
size [# of strips]

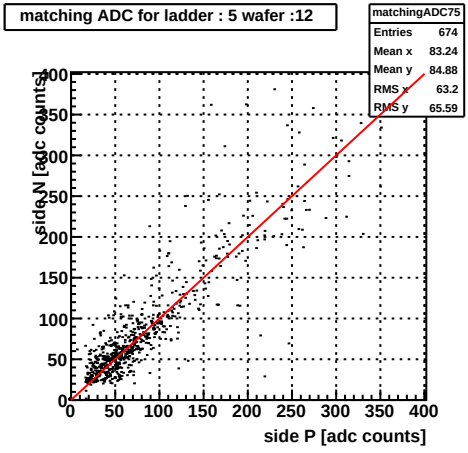

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 809
Mean x 78.88
Mean y 79.95
RMS x 58.28
RMS y 58.67
side N [adc counts]
side P [adc counts]

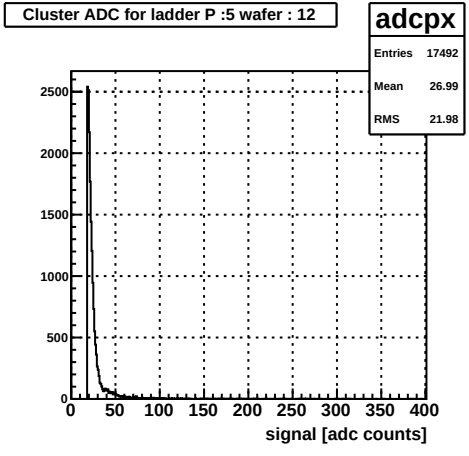

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 19973
Mean 31.58
RMS 20.51
signal [adc counts]

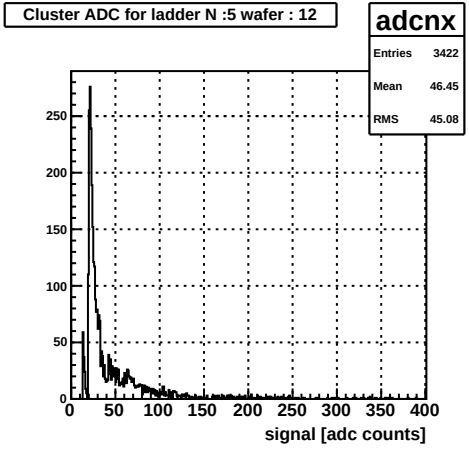

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 4097
Mean 42.96
RMS 43.6
signal [adc counts]

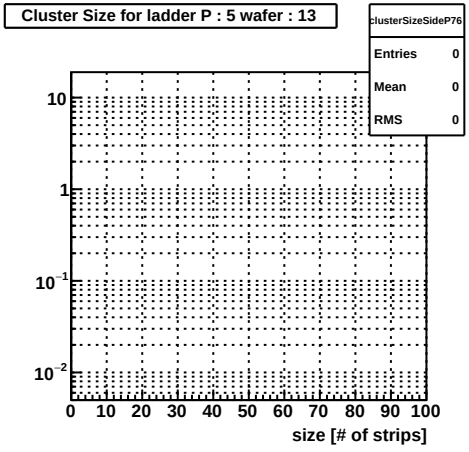

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 17492
Mean 1.06
RMS 0.2894
size [# of strips]

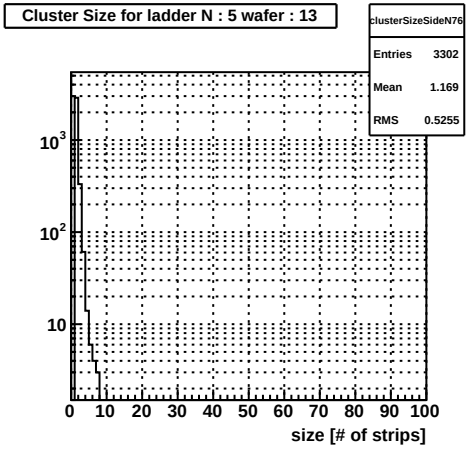

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 3422
Mean 1.527
RMS 1.013
size [# of strips]

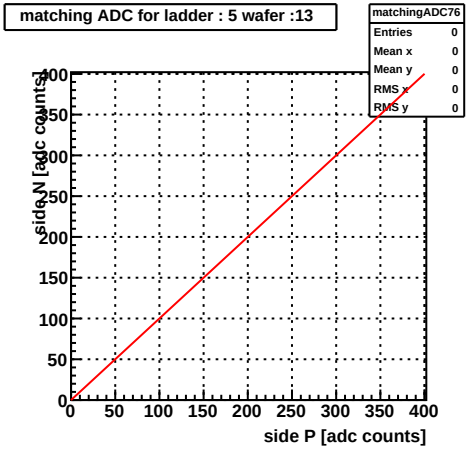

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 674
Mean x 83.24
Mean y 84.88
RMS x 63.2
RMS y 65.59
side N [adc counts]
side P [adc counts]

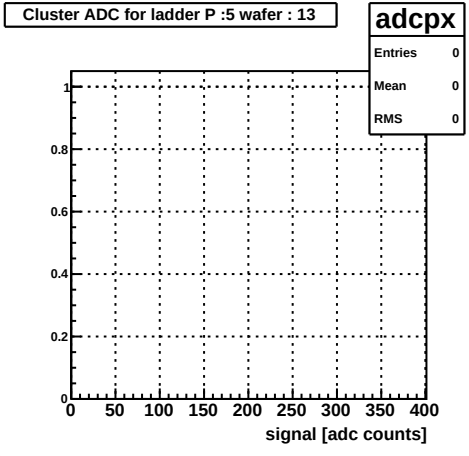

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 17492
Mean 26.99
RMS 21.98
signal [adc counts]

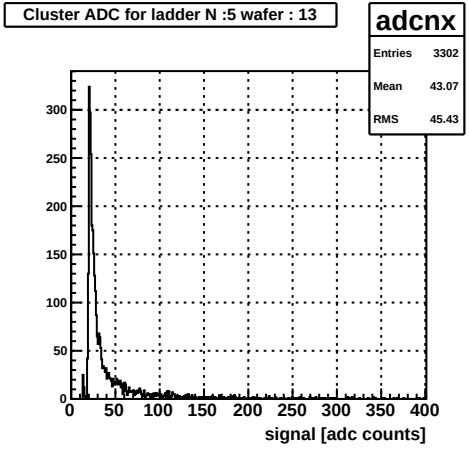

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 3422
Mean 46.45
RMS 45.08
signal [adc counts]

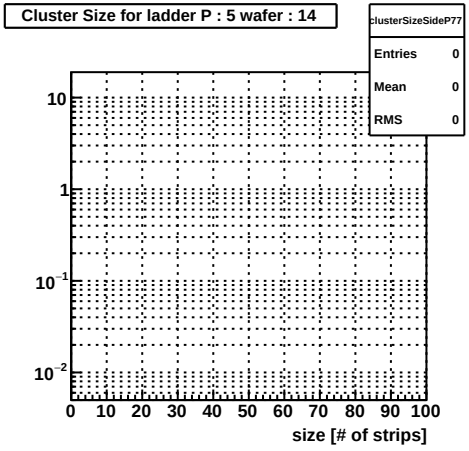

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

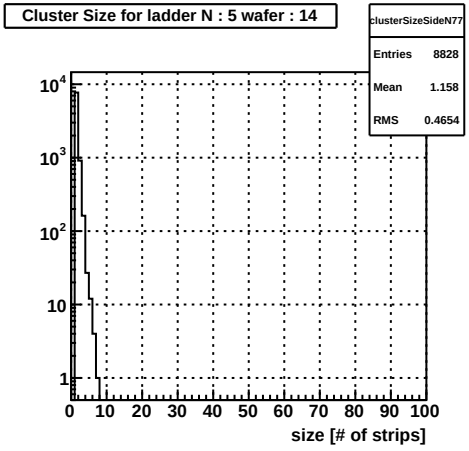

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 3302
Mean 1.169
RMS 0.5255
size [# of strips]

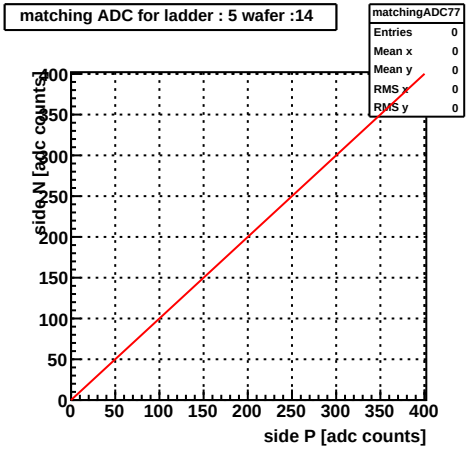

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

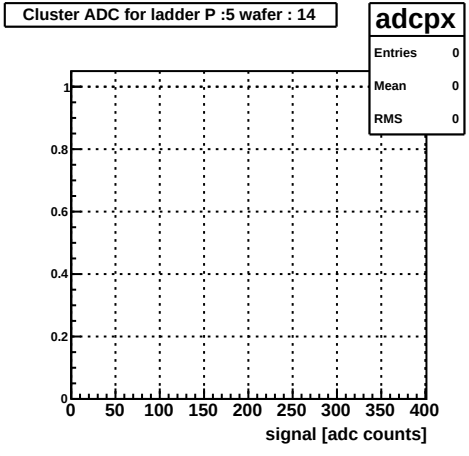

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

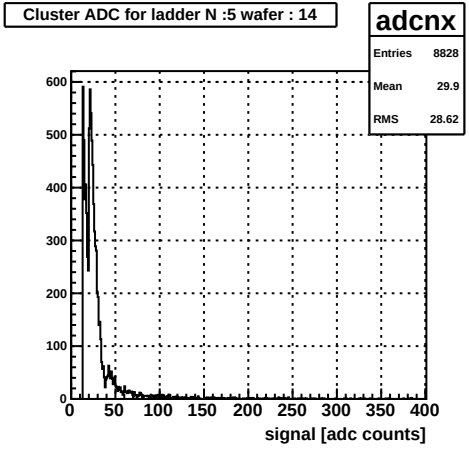

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 3302
Mean 43.07
RMS 45.43
signal [adc counts]

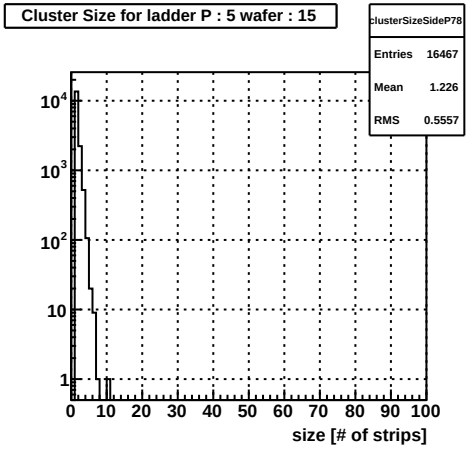

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

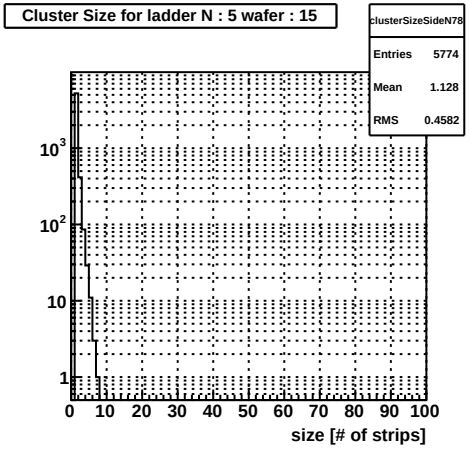

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8828
Mean 1.158
RMS 0.4654
size [# of strips]

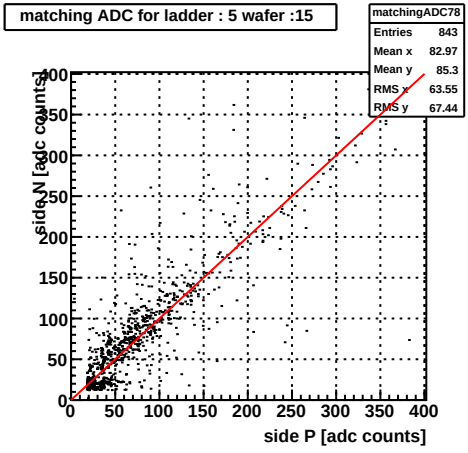

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

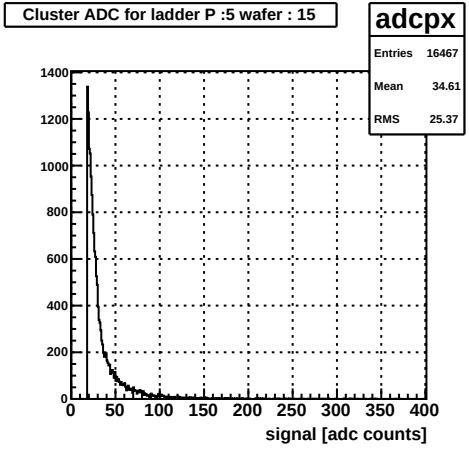

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

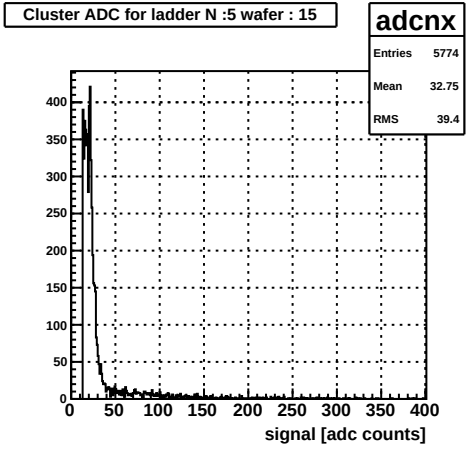

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8828
Mean 29.9
RMS 28.62
signal [adc counts]

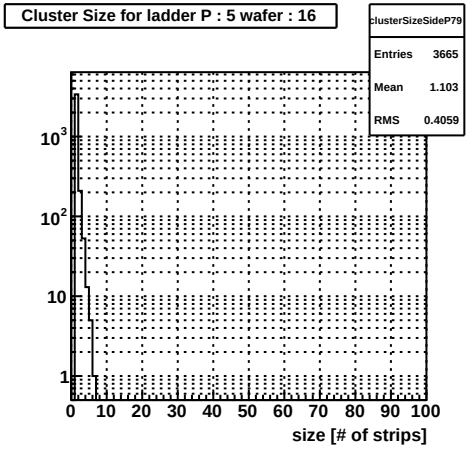

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 16467
Mean 1.226
RMS 0.5557
size [# of strips]

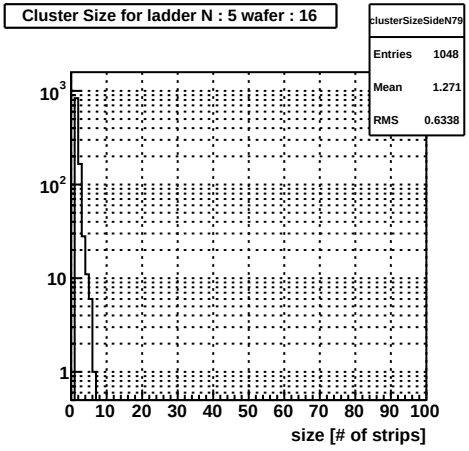

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 5774
Mean 1.128
RMS 0.4582
size [# of strips]

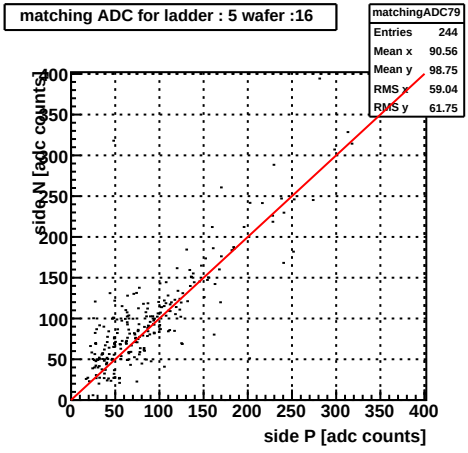

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 843
Mean x 82.97
Mean y 85.3
RMS x 63.55
RMS y 67.44
side N [adc counts]
side P [adc counts]

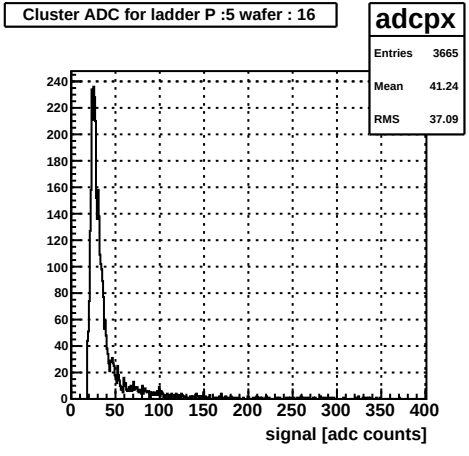

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 16467
Mean 34.61
RMS 25.37
signal [adc counts]

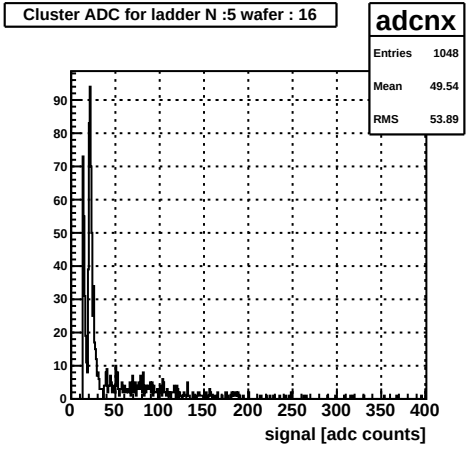

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 5774
Mean 32.75
RMS 39.4
signal [adc counts]

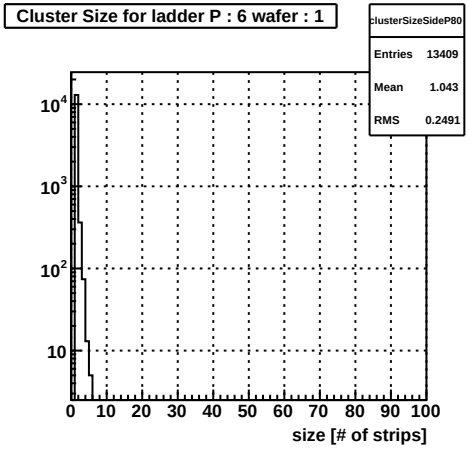

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3665
Mean 1.103
RMS 0.4059
size [# of strips]

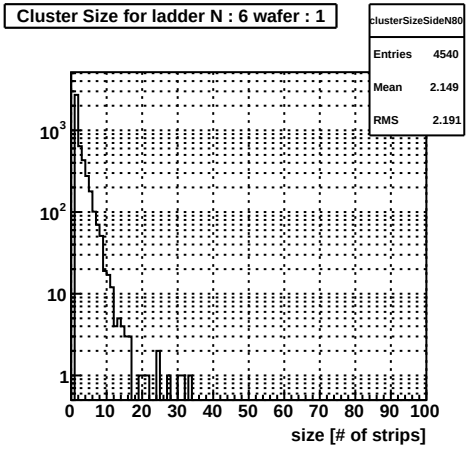

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1048
Mean 1.271
RMS 0.6338
size [# of strips]

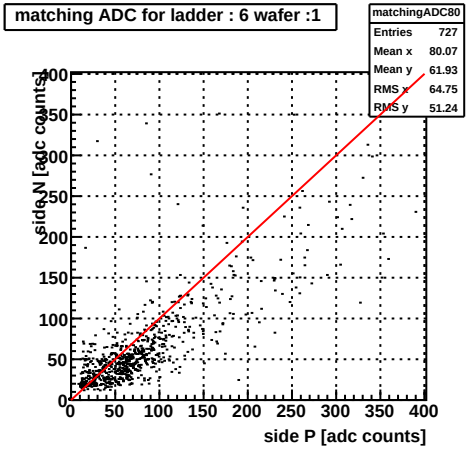

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 244
Mean x 90.56
Mean y 98.75
RMS x 59.04
RMS y 61.75
side N [adc counts]
side P [adc counts]

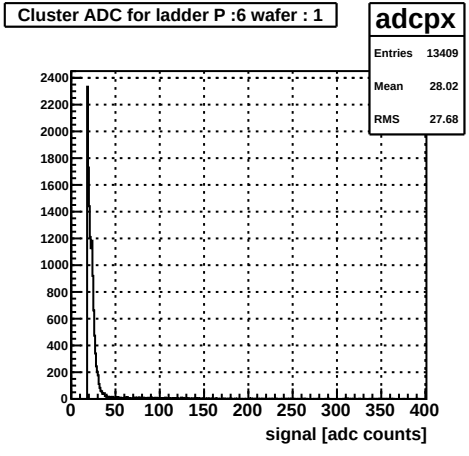

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3665
Mean 41.24
RMS 37.09
signal [adc counts]

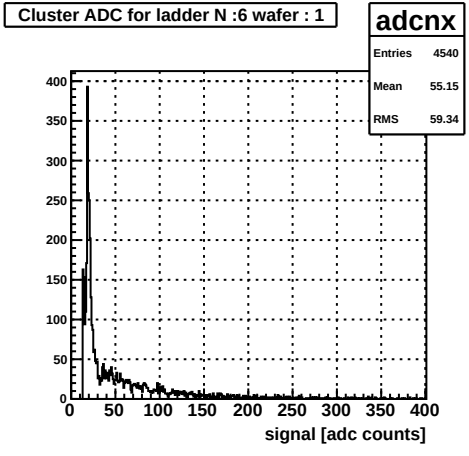

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1048
Mean 49.54
RMS 53.89
signal [adc counts]

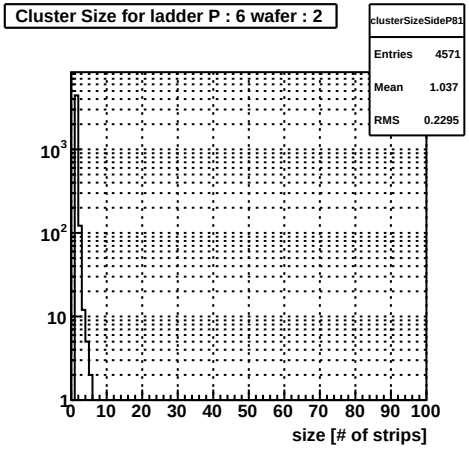

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 13409
Mean 1.043
RMS 0.2491
size [# of strips]

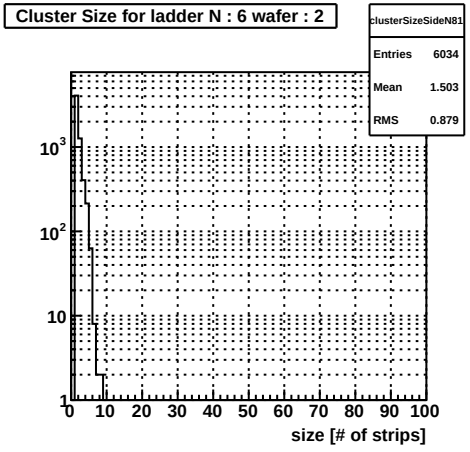

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4540
Mean 2.149
RMS 2.191
size [# of strips]

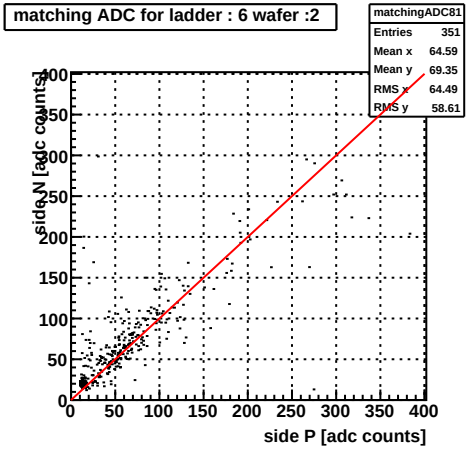

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 727
Mean x 80.07
Mean y 61.93
RMS x 64.75
RMS y 51.24
side N [adc counts]
side P [adc counts]

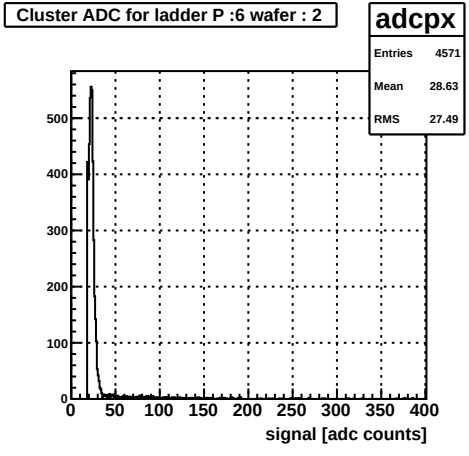

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 13409
Mean 28.02
RMS 27.68
signal [adc counts]

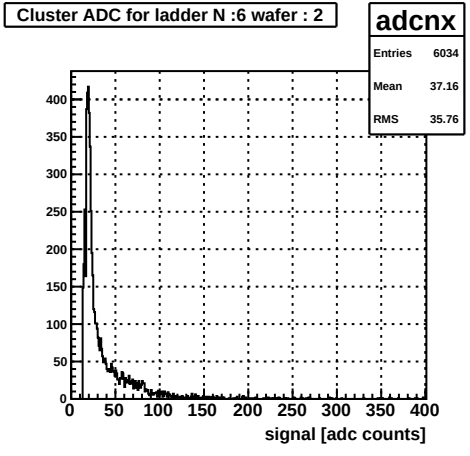

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4540
Mean 55.15
RMS 59.34
signal [adc counts]

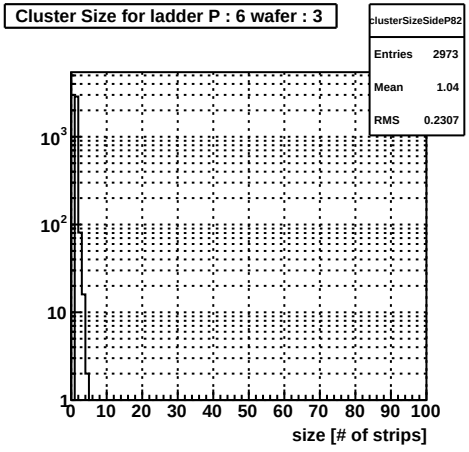

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4571
Mean 1.037
RMS 0.2295
size [# of strips]

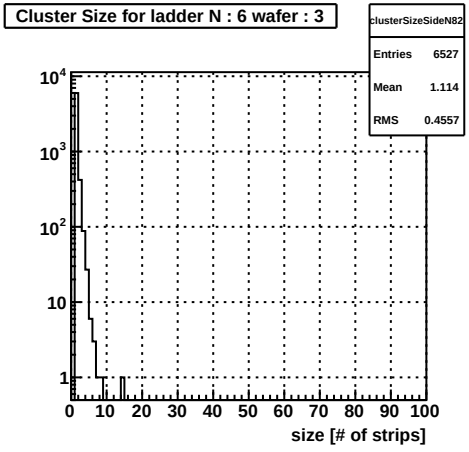

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 6034
Mean 1.503
RMS 0.879
size [# of strips]

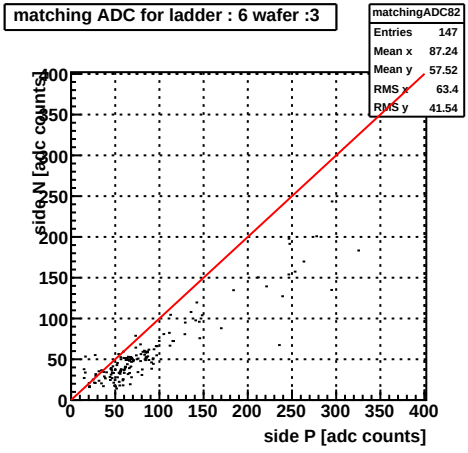

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 351
Mean x 64.59
Mean y 69.35
RMS x 64.49
RMS y 58.61
side N [adc counts]
side P [adc counts]

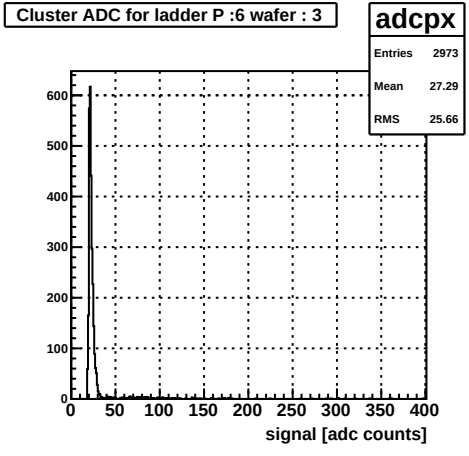

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4571
Mean 28.63
RMS 27.49
signal [adc counts]

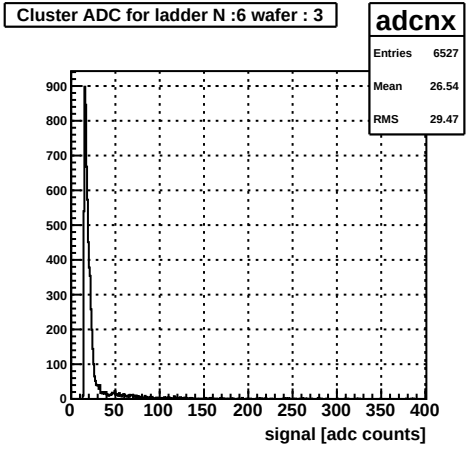

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 6034
Mean 37.16
RMS 35.76
signal [adc counts]

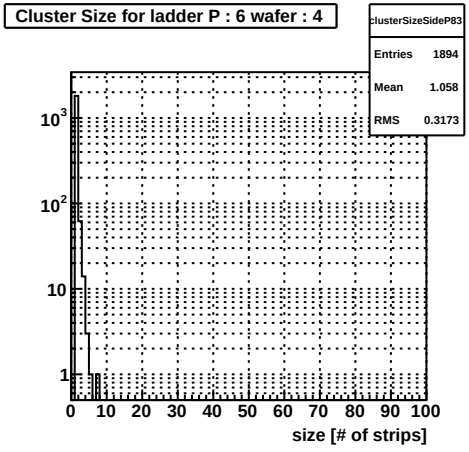

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2973
Mean 1.04
RMS 0.2307
size [# of strips]

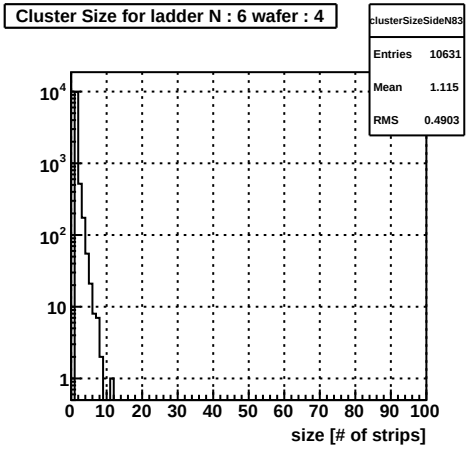

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 6527
Mean 1.114
RMS 0.4557
size [# of strips]

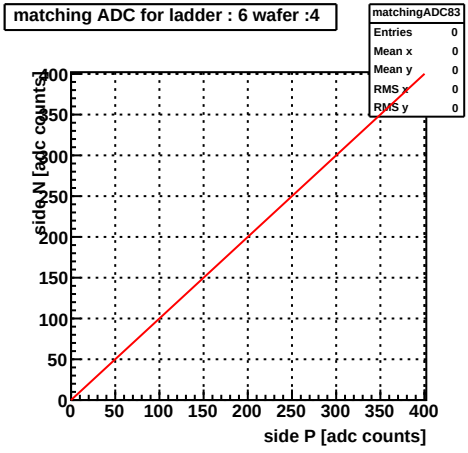

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 147
Mean x 87.24
Mean y 57.52
RMS x 63.4
RMS y 41.54
side N [adc counts]
side P [adc counts]

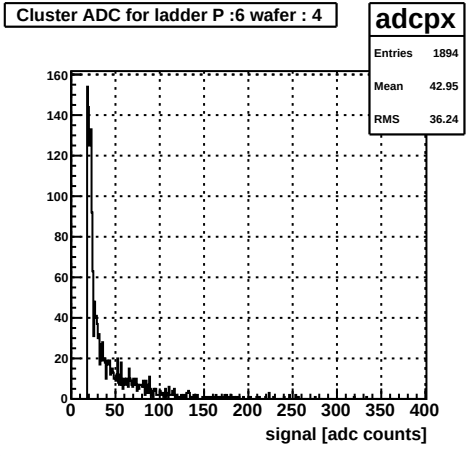

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2973
Mean 27.29
RMS 25.66
signal [adc counts]

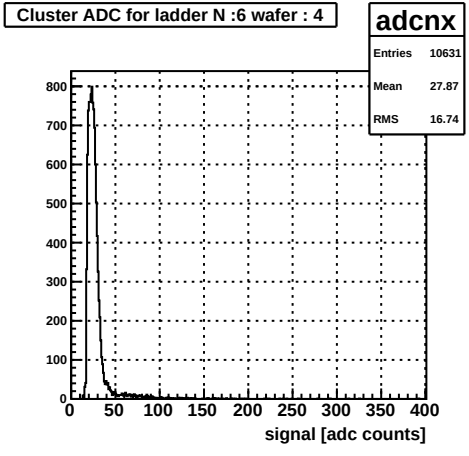

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 6527
Mean 26.54
RMS 29.47
signal [adc counts]

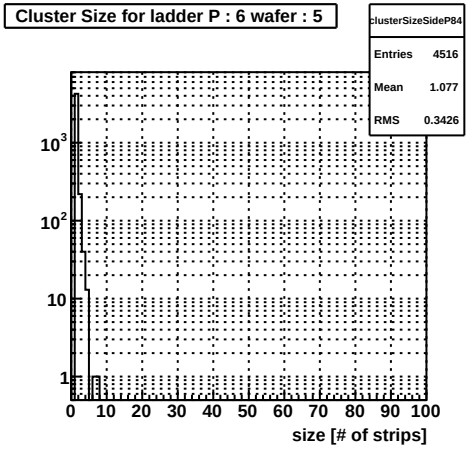

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1894
Mean 1.058
RMS 0.3173
size [# of strips]

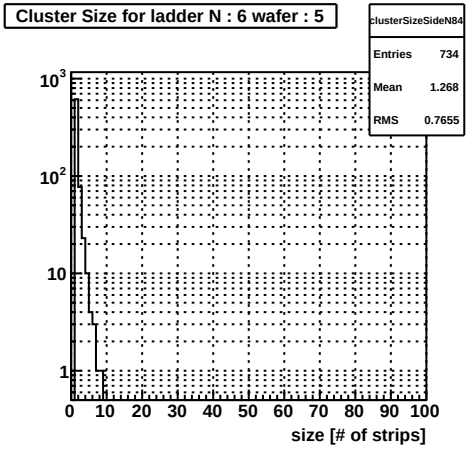

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 10631
Mean 1.115
RMS 0.4903
size [# of strips]

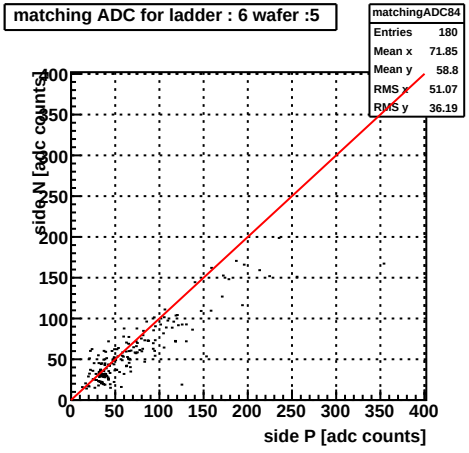

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

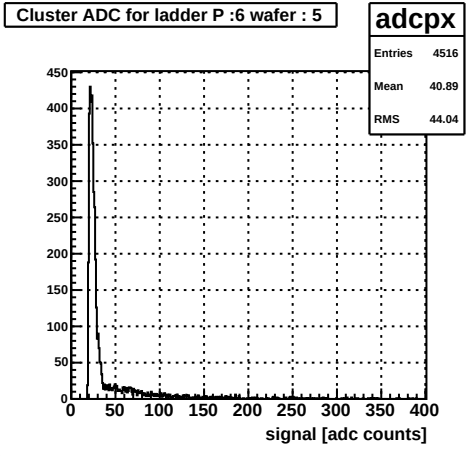

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1894
Mean 42.95
RMS 36.24
signal [adc counts]

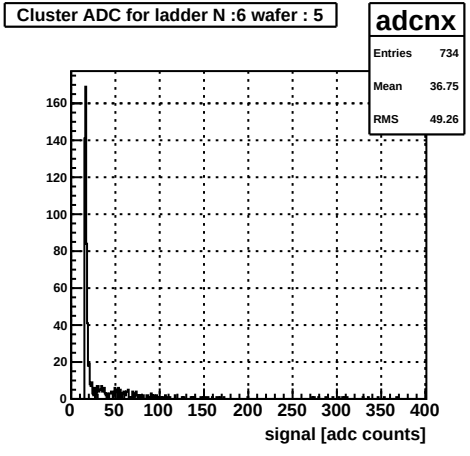

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 10631
Mean 27.87
RMS 16.74
signal [adc counts]

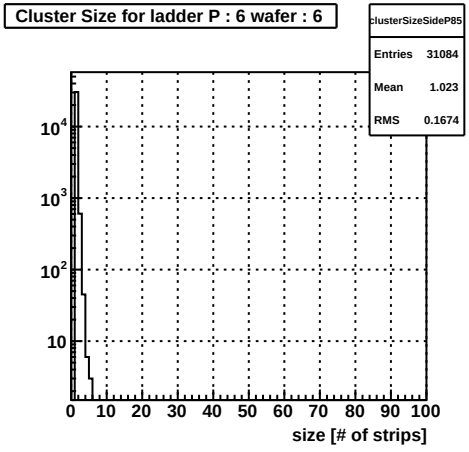

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 4516
Mean 1.077
RMS 0.3426
size [# of strips]

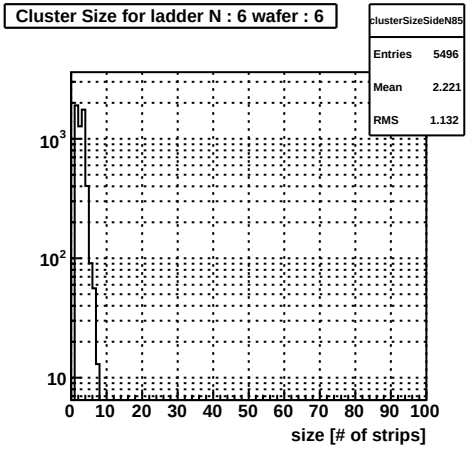

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 734
Mean 1.268
RMS 0.7655
size [# of strips]

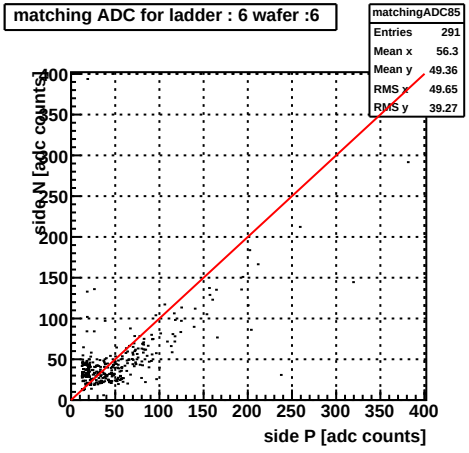

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 180
Mean x 71.85
Mean y 58.8
RMS x 51.07
RMS y 36.19
side N [adc counts]
side P [adc counts]

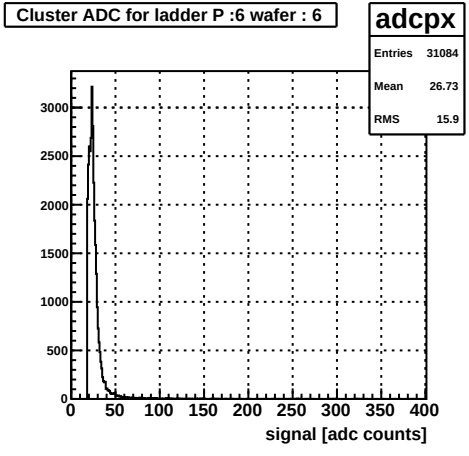

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 4516
Mean 40.89
RMS 44.04
signal [adc counts]

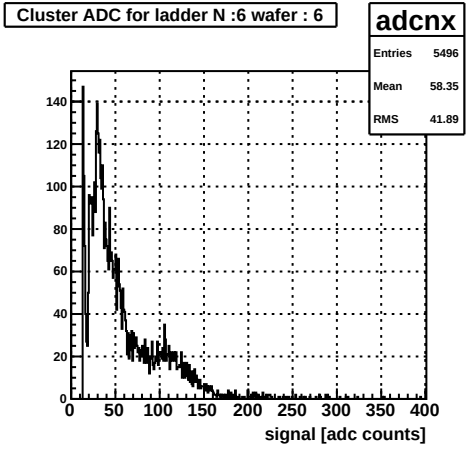

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 734
Mean 36.75
RMS 49.26
signal [adc counts]

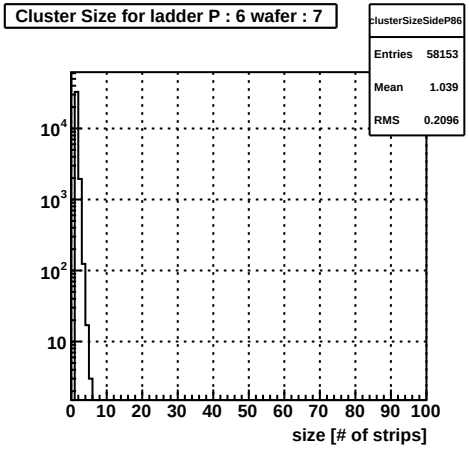

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 31084
Mean 1.023
RMS 0.1674
size [# of strips]

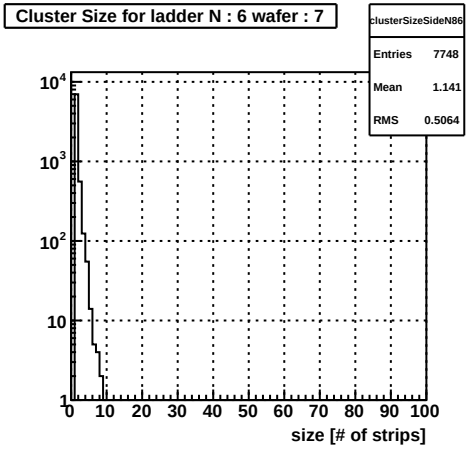

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 5496
Mean 2.221
RMS 1.132
size [# of strips]

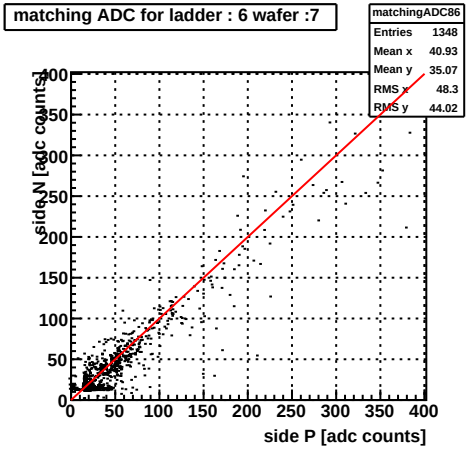

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 291
Mean x 56.3
Mean y 49.36
RMS x 49.65
RMS y 39.27
side N [adc counts]
side P [adc counts]

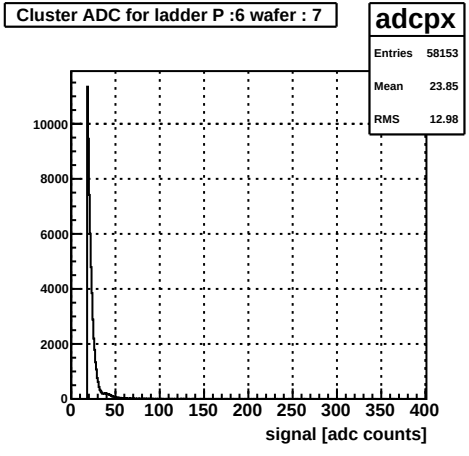

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 31084
Mean 26.73
RMS 15.9
signal [adc counts]

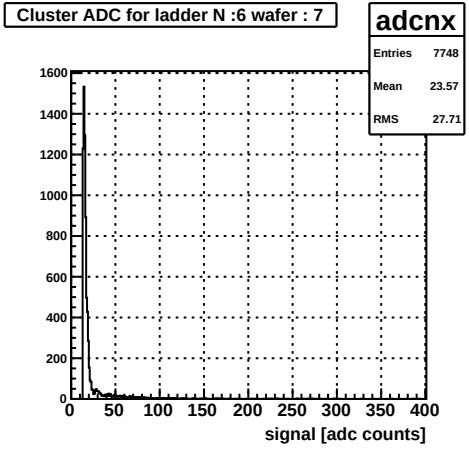

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 5496
Mean 58.35
RMS 41.89
signal [adc counts]

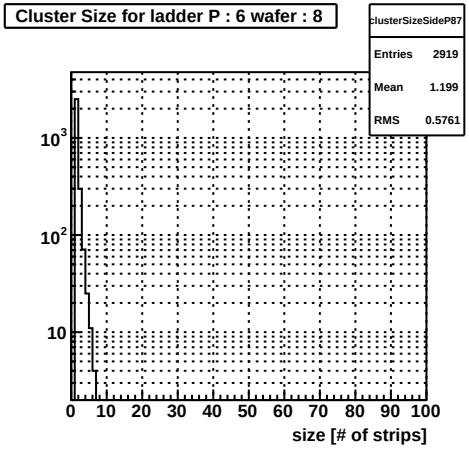

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 58153
Mean 1.039
RMS 0.2096
size [# of strips]

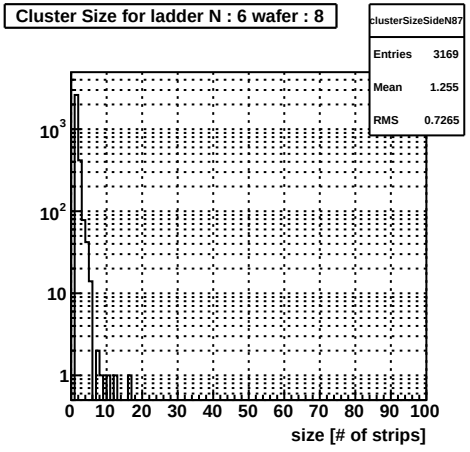

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 7748
Mean 1.141
RMS 0.5064
size [# of strips]

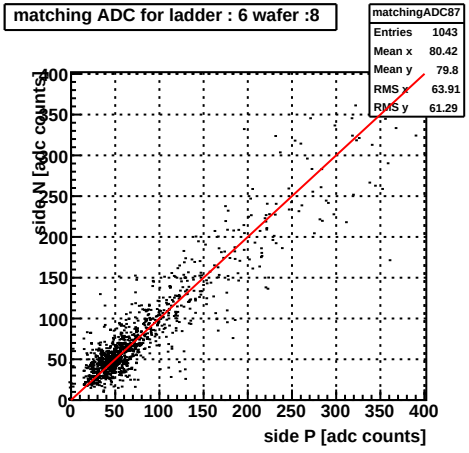

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1348
Mean x 40.93
Mean y 35.07
RMS x 48.3
RMS y 44.02
side N [adc counts]
side P [adc counts]

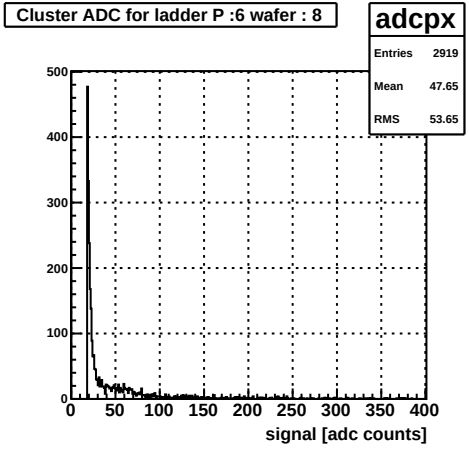

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 58153
Mean 23.85
RMS 12.98
signal [adc counts]

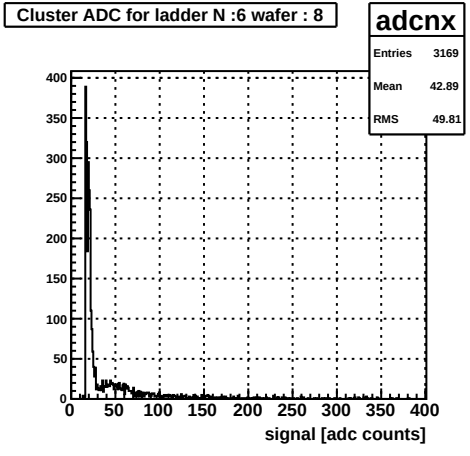

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 7748
Mean 23.57
RMS 27.71
signal [adc counts]

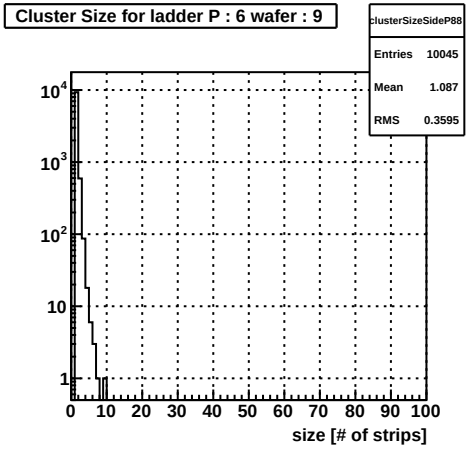

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2919
Mean 1.199
RMS 0.5761
size [# of strips]

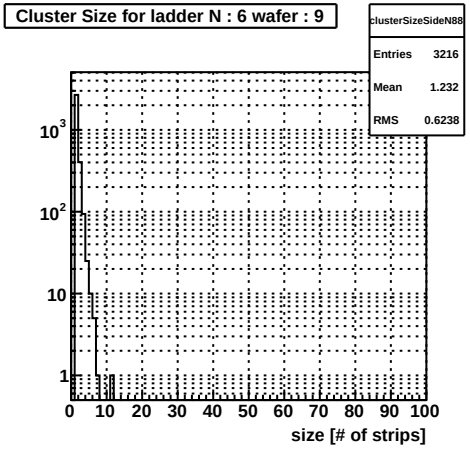

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 3169
Mean 1.255
RMS 0.7265
size [# of strips]

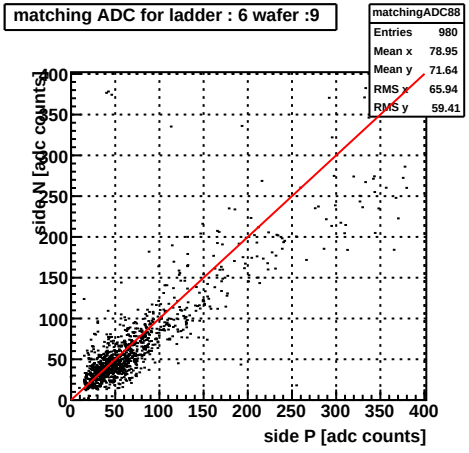

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1043
Mean x 80.42
Mean y 79.8
RMS x 63.91
RMS y 61.29
side N [adc counts]
side P [adc counts]

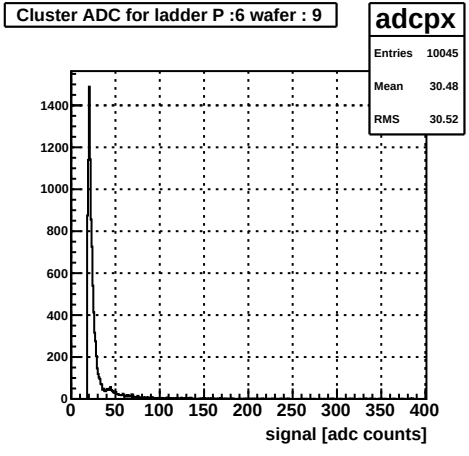

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2919
Mean 47.65
RMS 53.65
signal [adc counts]

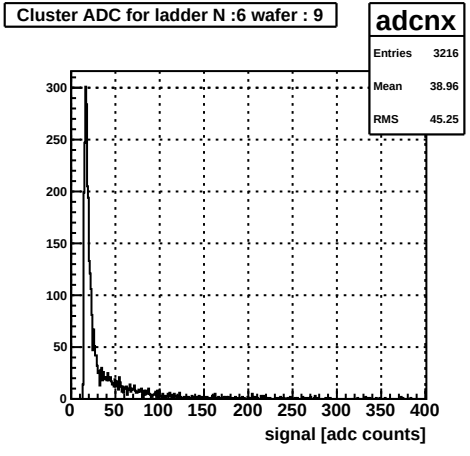

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 3169
Mean 42.89
RMS 49.81
signal [adc counts]

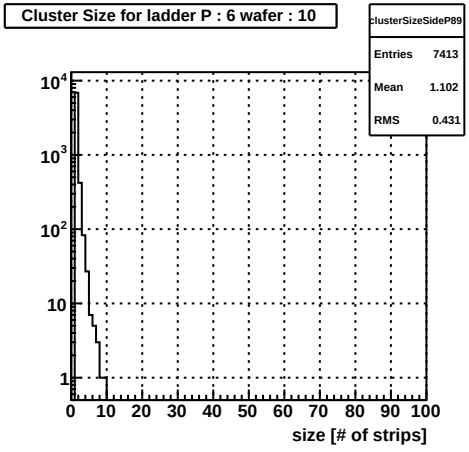

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 10045
Mean 1.087
RMS 0.3595
size [# of strips]

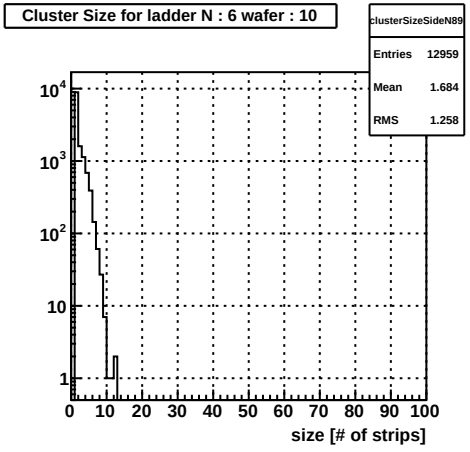

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3216
Mean 1.232
RMS 0.6238
size [# of strips]

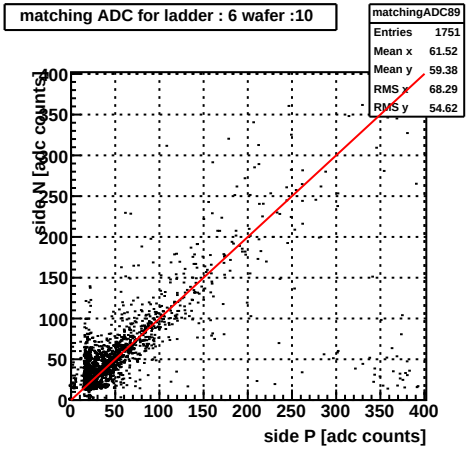

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 980
Mean x 78.95
Mean y 71.64
RMS x 65.94
RMS y 59.41
side N [adc counts]
side P [adc counts]

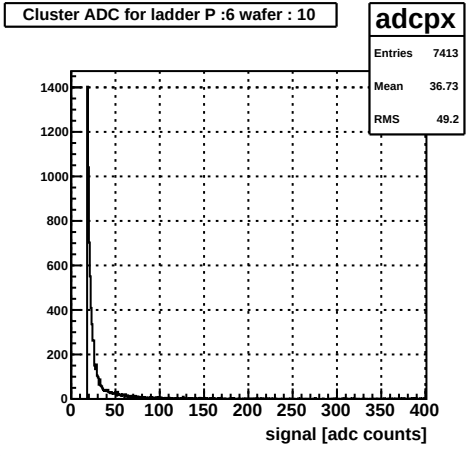

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 10045
Mean 30.48
RMS 30.52
signal [adc counts]

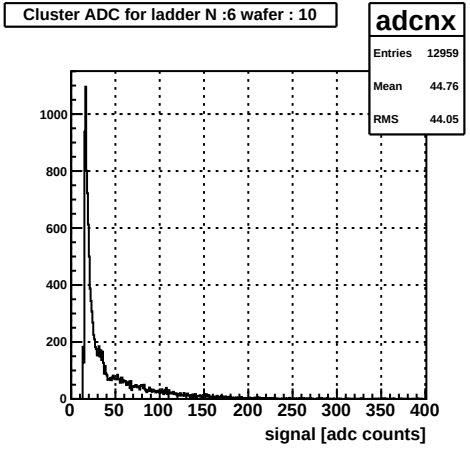

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3216
Mean 38.96
RMS 45.25
signal [adc counts]

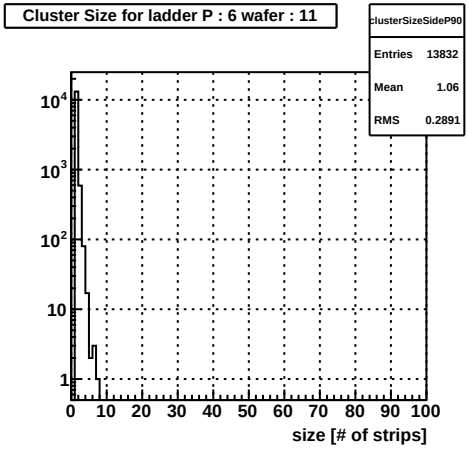

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 7413
Mean 1.102
RMS 0.431
size [# of strips]

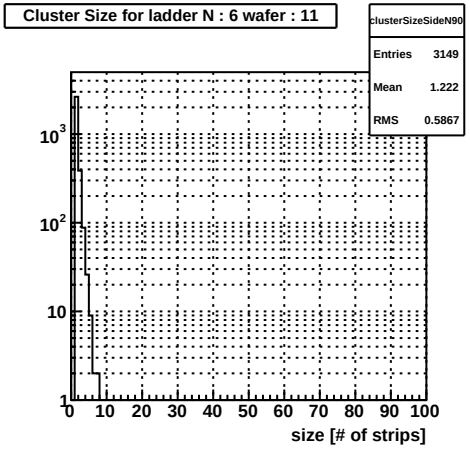

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 12959
Mean 1.684
RMS 1.258
size [# of strips]

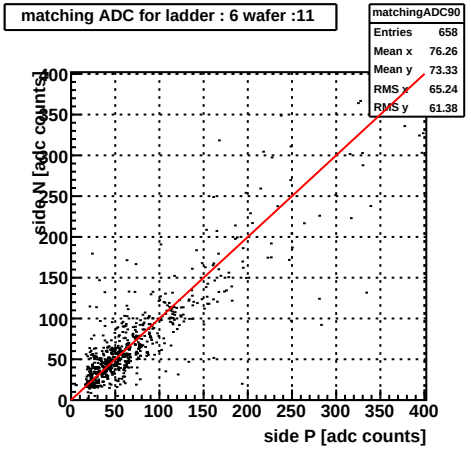

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1751
Mean x 61.52
Mean y 59.38
RMS x 68.29
RMS y 54.62
side N [adc counts]
side P [adc counts]

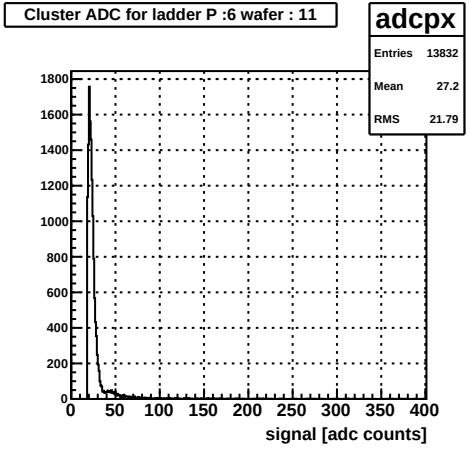

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 7413
Mean 36.73
RMS 49.2
signal [adc counts]

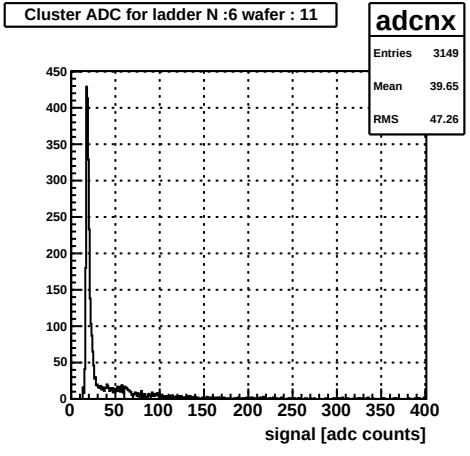

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 12959
Mean 44.76
RMS 44.05
signal [adc counts]

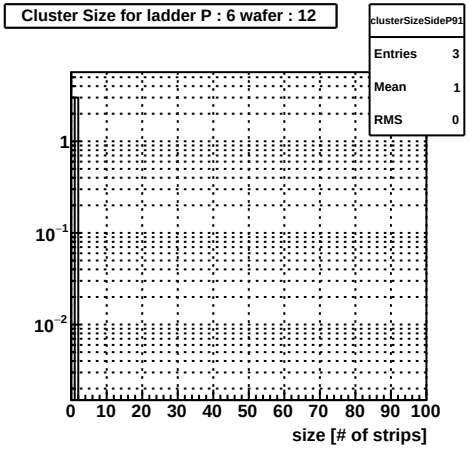

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13832
Mean 1.06
RMS 0.2891
size [# of strips]

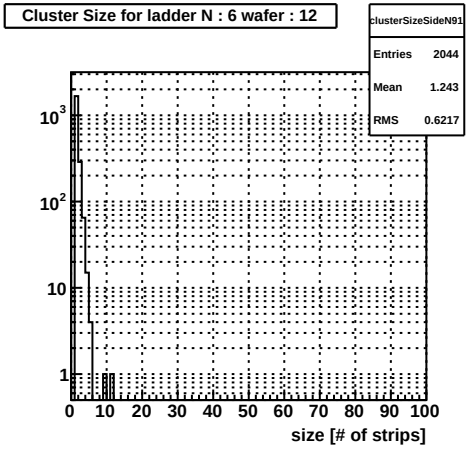

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3149
Mean 1.222
RMS 0.5867
size [# of strips]

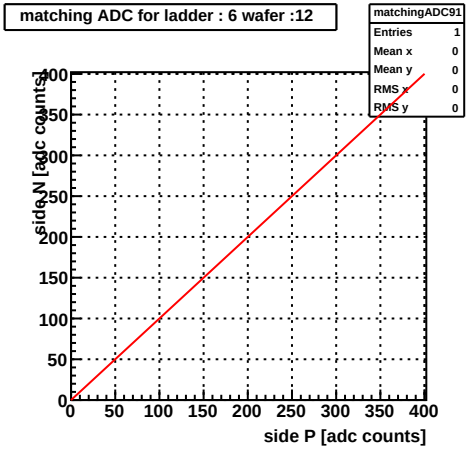

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 658
Mean x 76.26
Mean y 73.33
RMS x 65.24
RMS y 61.38
side N [adc counts]
side P [adc counts]

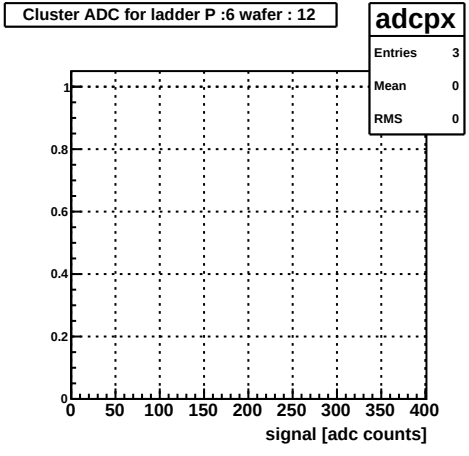

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13832
Mean 27.2
RMS 21.79
signal [adc counts]

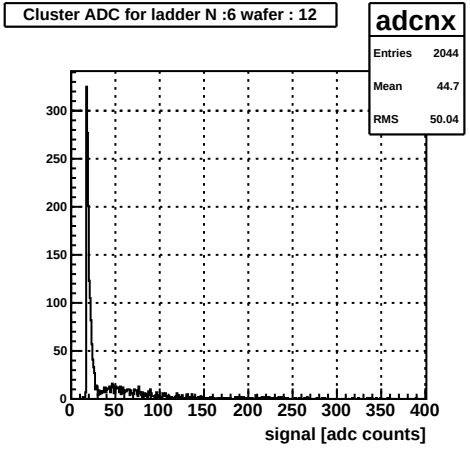

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3149
Mean 39.65
RMS 47.26
signal [adc counts]

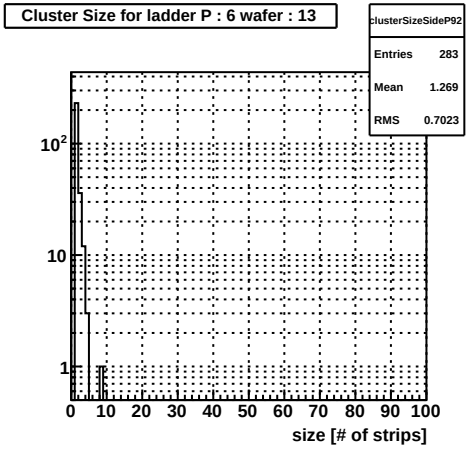

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 3
Mean 1
RMS 0
size [# of strips]

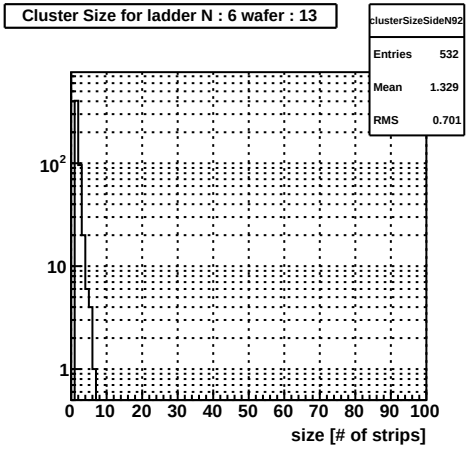

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2044
Mean 1.243
RMS 0.6217
size [# of strips]

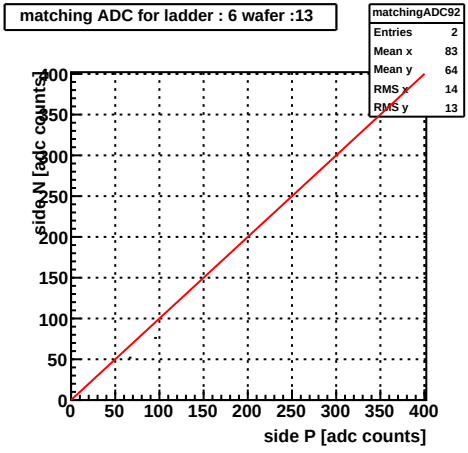

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

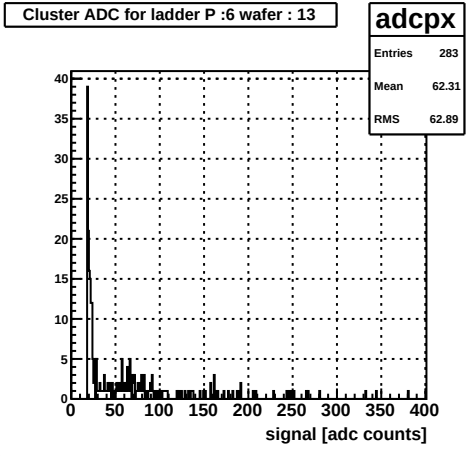

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

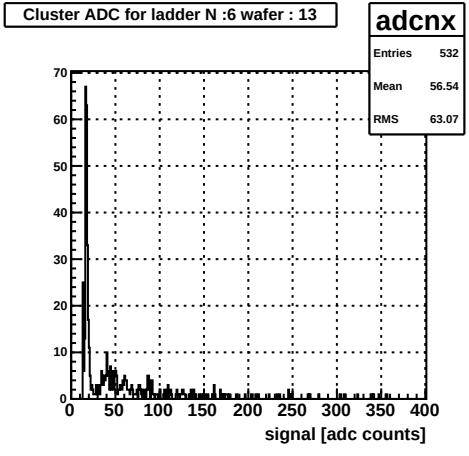

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2044
Mean 44.7
RMS 50.04
signal [adc counts]

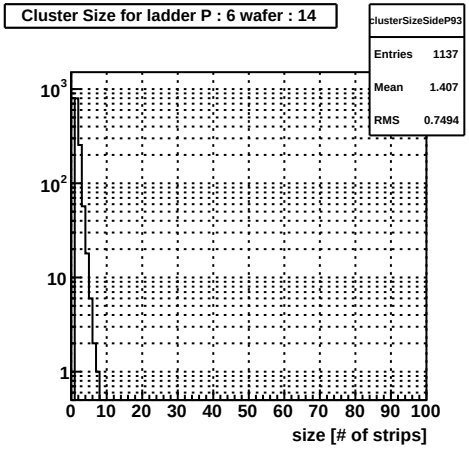

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 283
Mean 1.269
RMS 0.7023
size [# of strips]

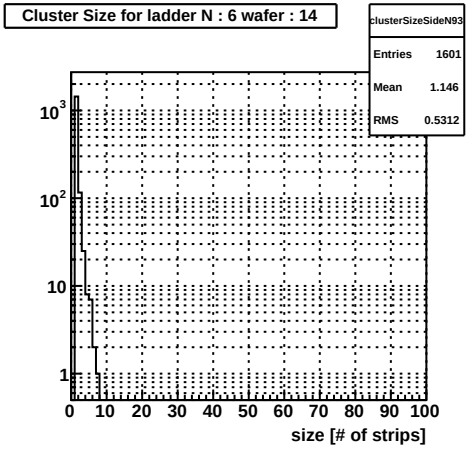

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 532
Mean 1.329
RMS 0.701
size [# of strips]

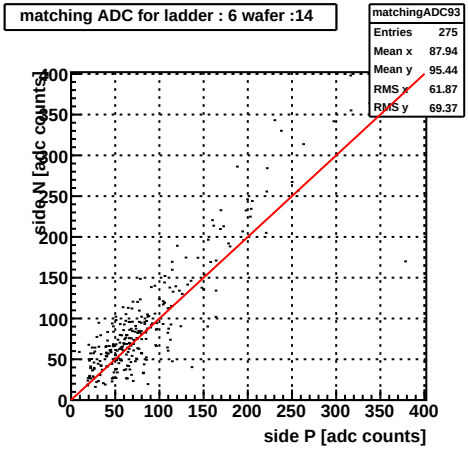

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 83
Mean y 64
RMS x 14
RMS y 13
side N [adc counts]
side P [adc counts]

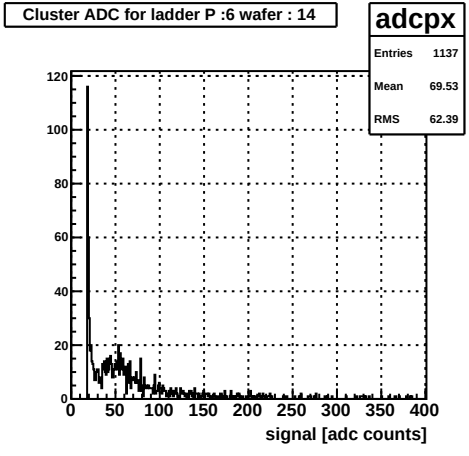

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 283
Mean 62.31
RMS 62.89
signal [adc counts]

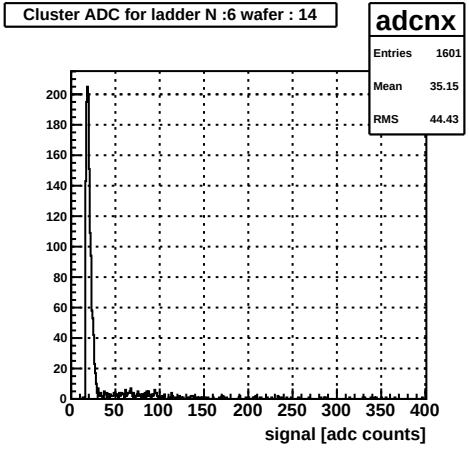

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 532
Mean 56.54
RMS 63.07
signal [adc counts]

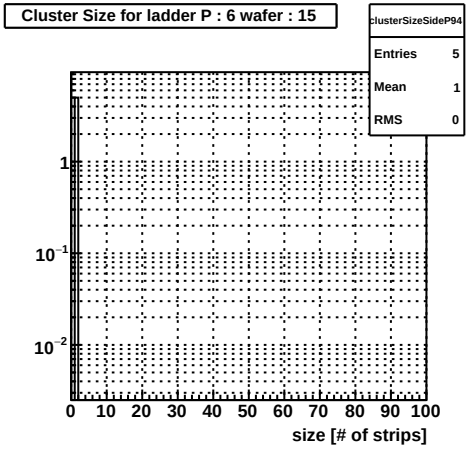

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1137
Mean 1.407
RMS 0.7494
size [# of strips]

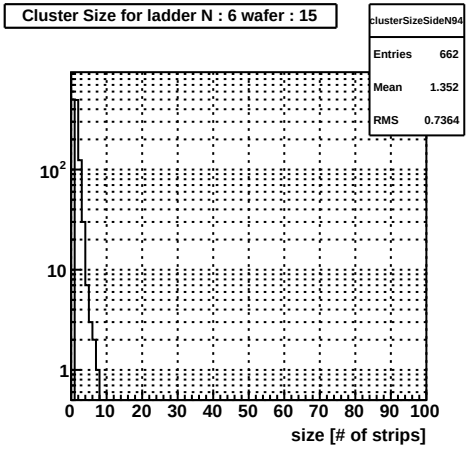

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1601
Mean 1.146
RMS 0.5312
size [# of strips]

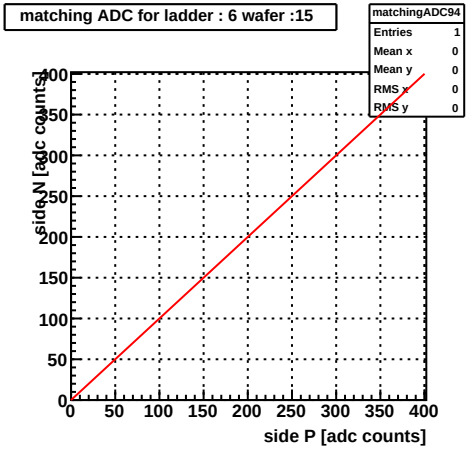

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 275
Mean x 87.94
Mean y 95.44
RMS x 61.87
RMS y 69.37
side N [adc counts]
side P [adc counts]

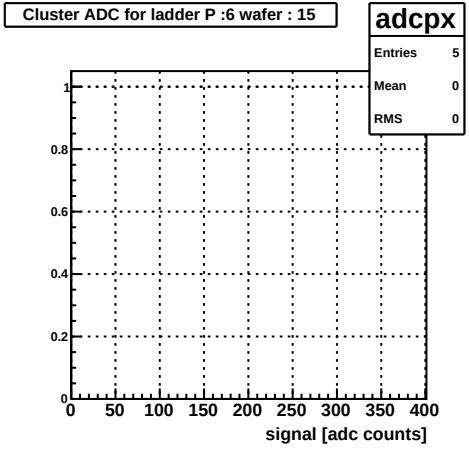

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1137
Mean 69.53
RMS 62.39
signal [adc counts]

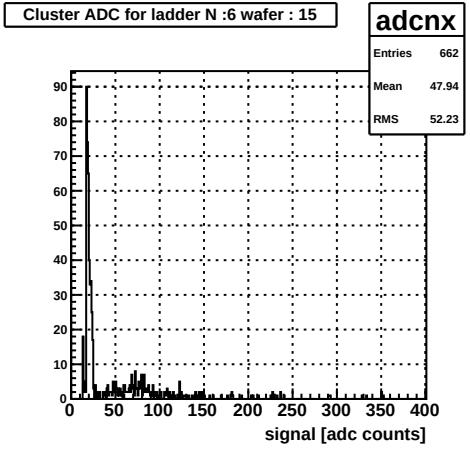

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1601
Mean 35.15
RMS 44.43
signal [adc counts]

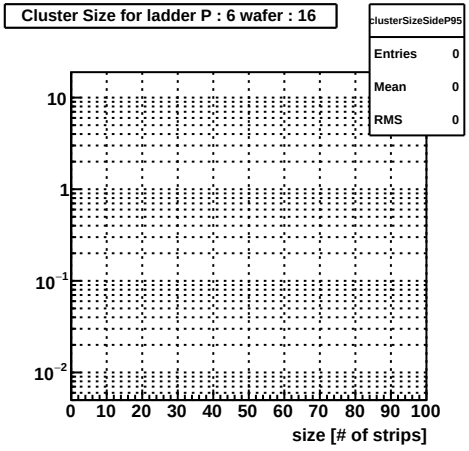

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 5
Mean 1
RMS 0
size [# of strips]

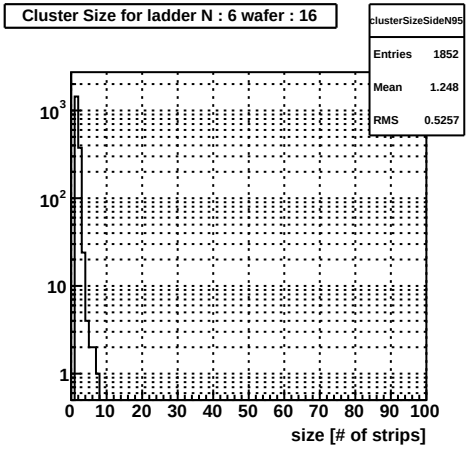

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 662
Mean 1.352
RMS 0.7364
size [# of strips]

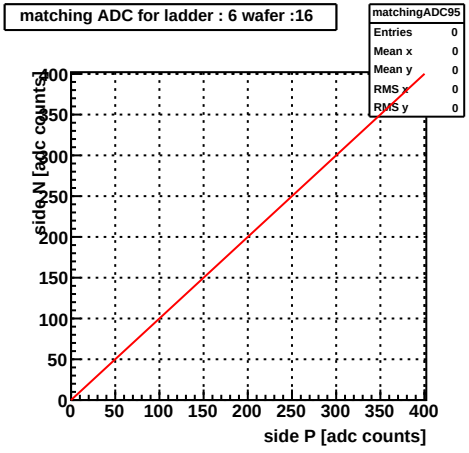

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

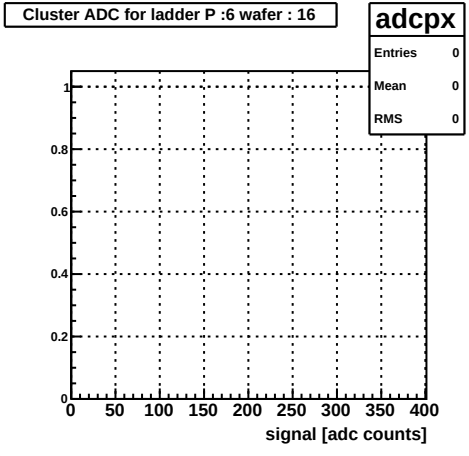

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

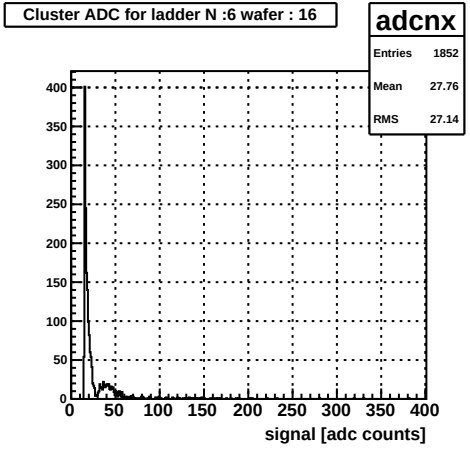

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 662
Mean 47.94
RMS 52.23
signal [adc counts]

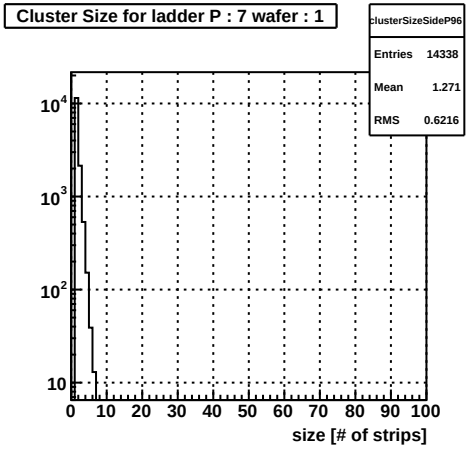

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

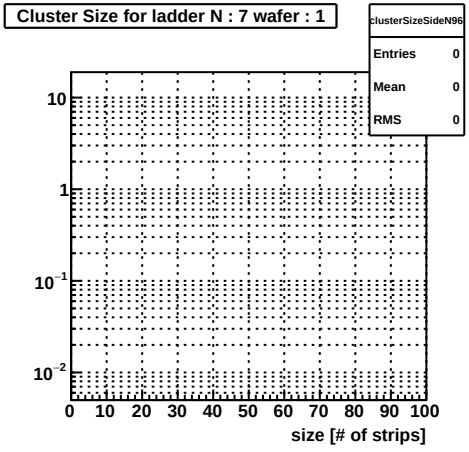

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1852
Mean 1.248
RMS 0.5257
size [# of strips]

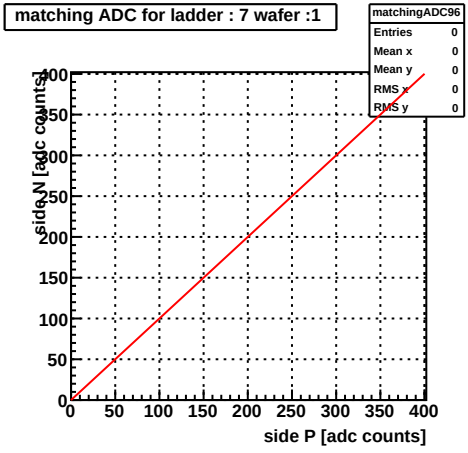

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

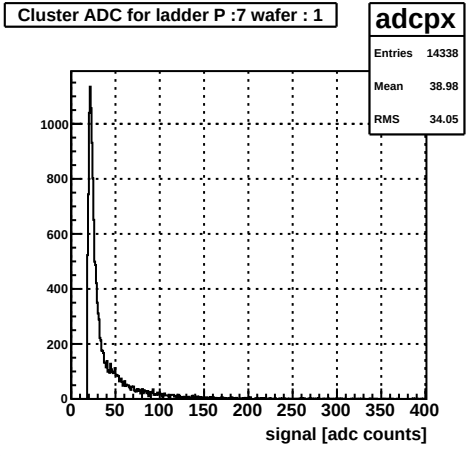

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

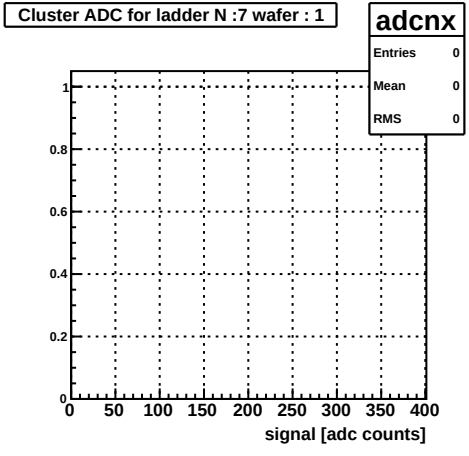

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1852
Mean 27.76
RMS 27.14
signal [adc counts]

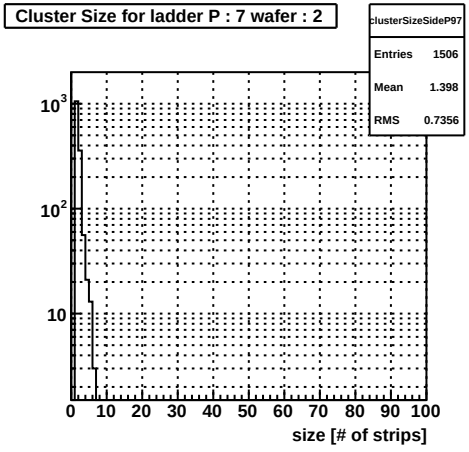

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 14338
Mean 1.271
RMS 0.6216
size [# of strips]

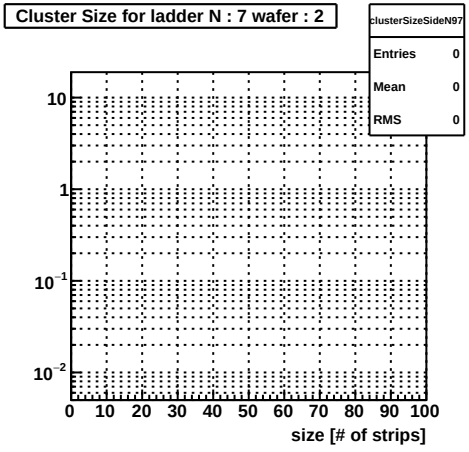

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

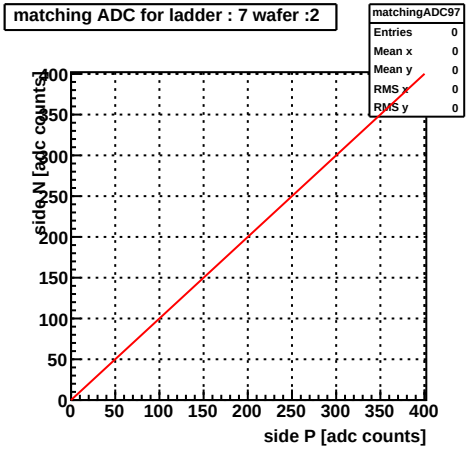

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

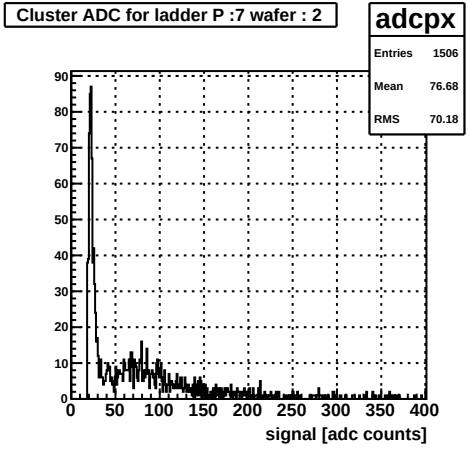

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 14338
Mean 38.98
RMS 34.05
signal [adc counts]

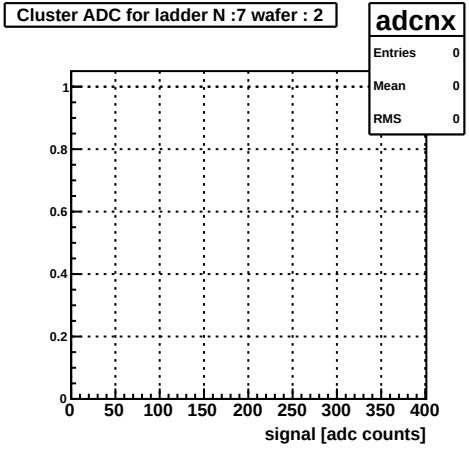

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

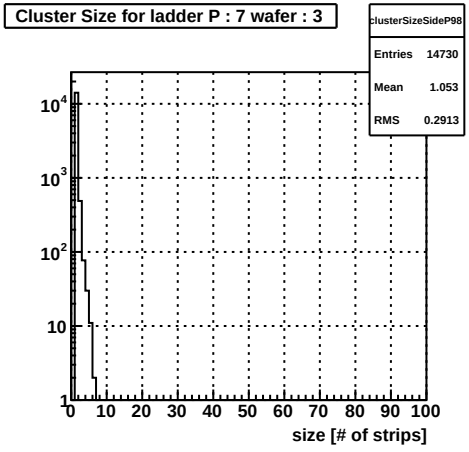

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1506
Mean 1.398
RMS 0.7356
size [# of strips]

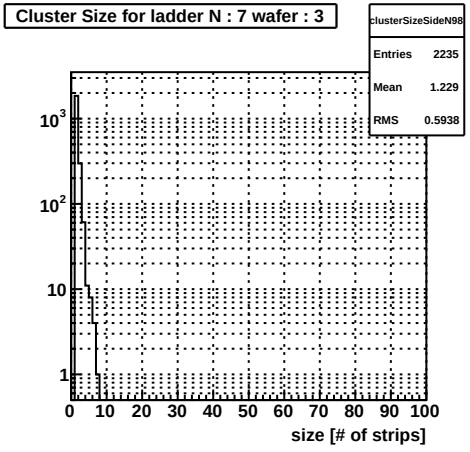

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

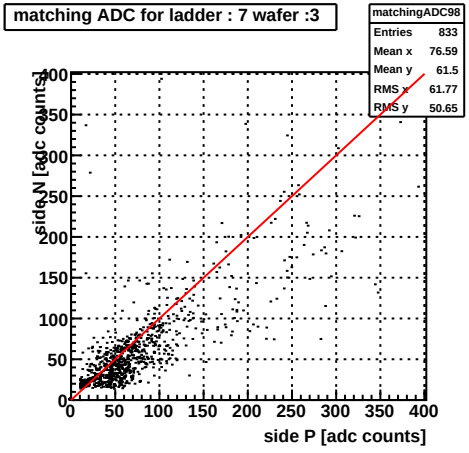

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

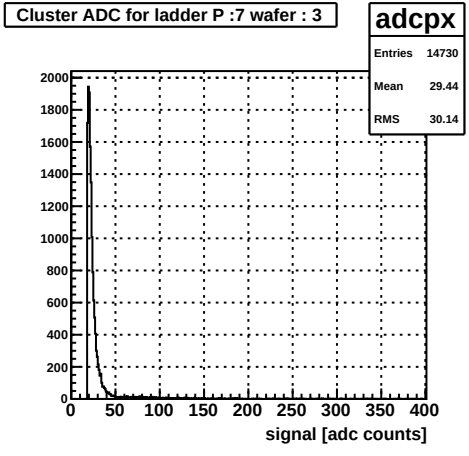

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1506
Mean 76.68
RMS 70.18
signal [adc counts]

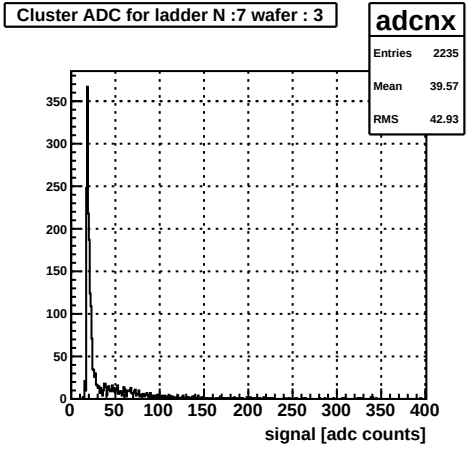

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

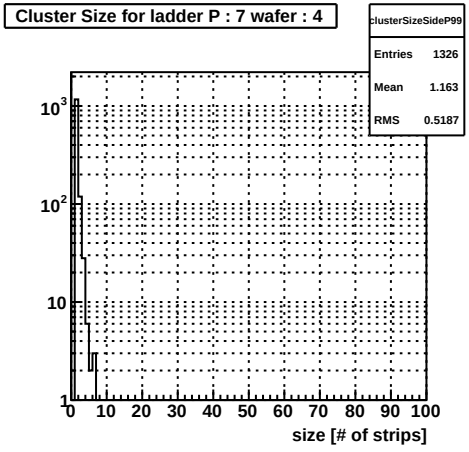

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 14730
Mean 1.053
RMS 0.2913
size [# of strips]

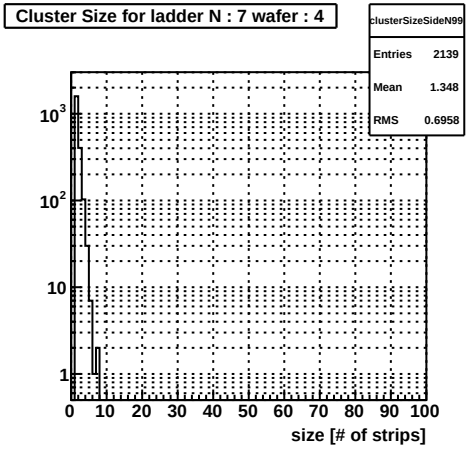

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2235
Mean 1.229
RMS 0.5938
size [# of strips]

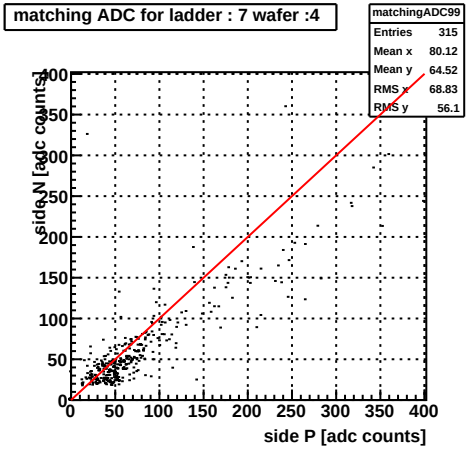

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 833
Mean x 76.59
Mean y 61.5
RMS x 61.77
RMS y 50.65
side N [adc counts]
side P [adc counts]

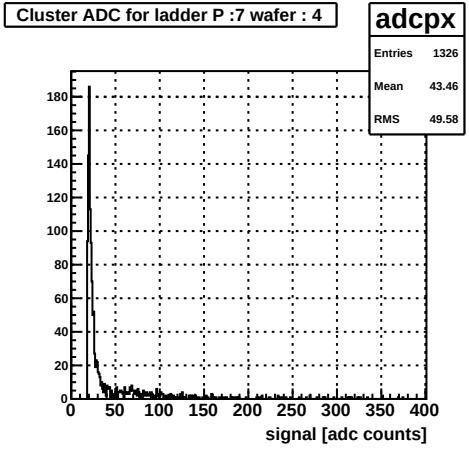

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 14730
Mean 29.44
RMS 30.14
signal [adc counts]

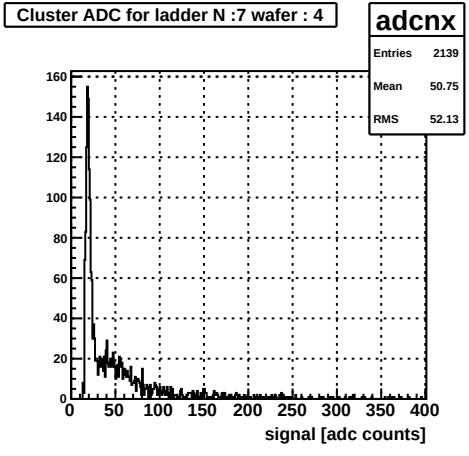

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2235
Mean 39.57
RMS 42.93
signal [adc counts]

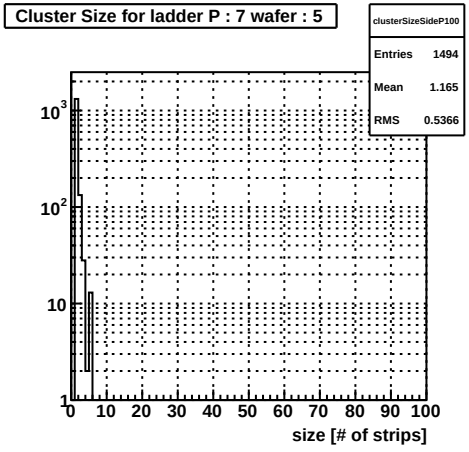

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1326
Mean 1.163
RMS 0.5187
size [# of strips]

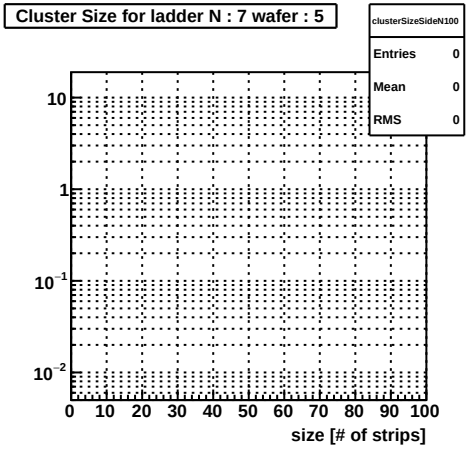

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 2139
Mean 1.348
RMS 0.6958
size [# of strips]

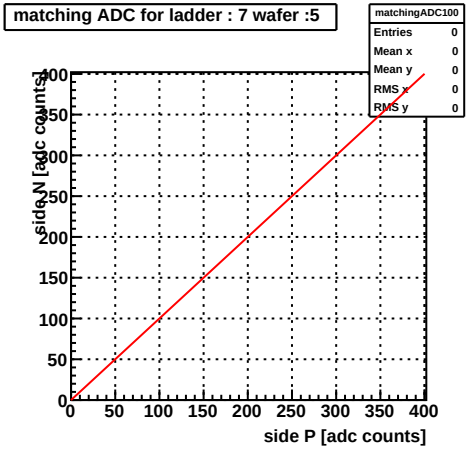

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 315
Mean x 80.12
Mean y 64.52
RMS x 68.83
RMS y 56.1
side N [adc counts]
side P [adc counts]

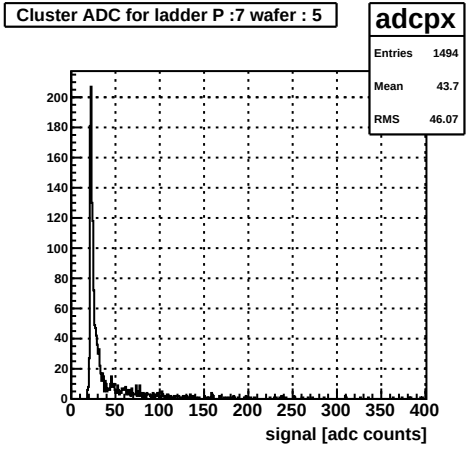

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1326
Mean 43.46
RMS 49.58
signal [adc counts]

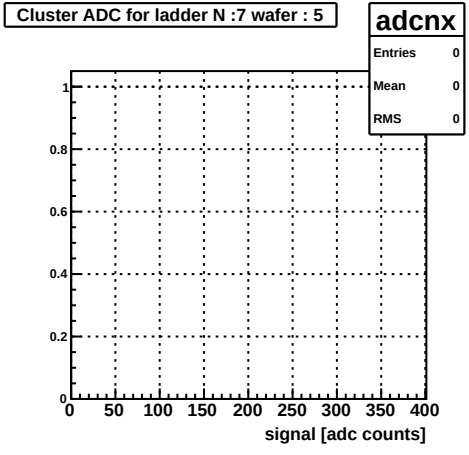

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 2139
Mean 50.75
RMS 52.13
signal [adc counts]

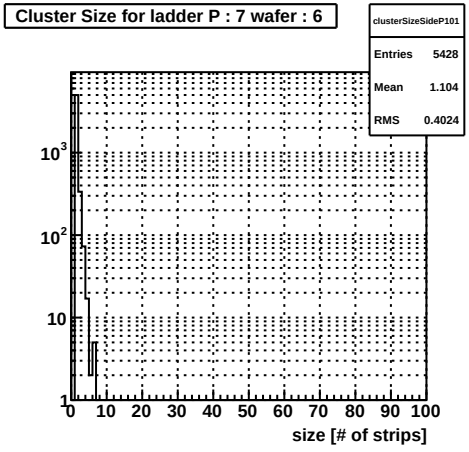

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1494
Mean 1.165
RMS 0.5366
size [# of strips]

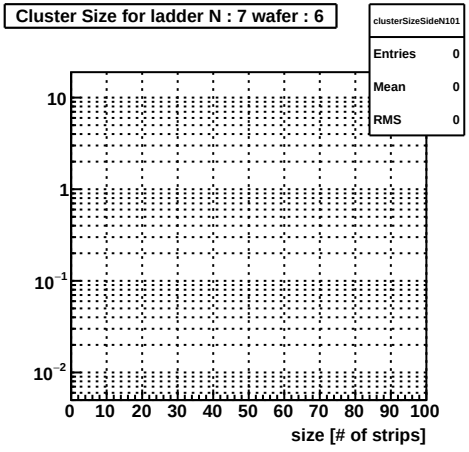

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

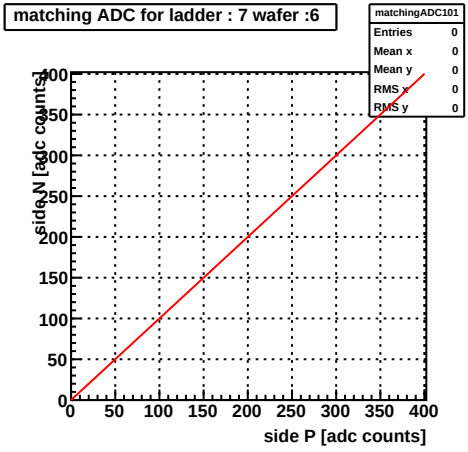

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

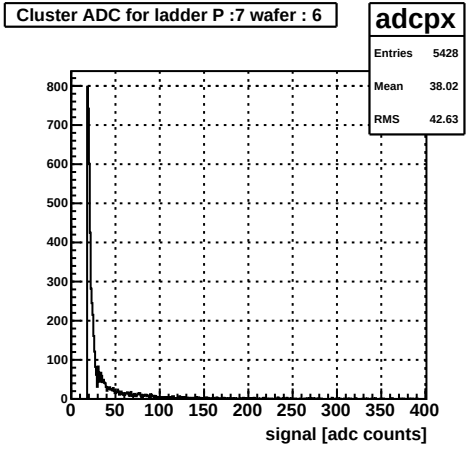

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1494
Mean 43.7
RMS 46.07
signal [adc counts]

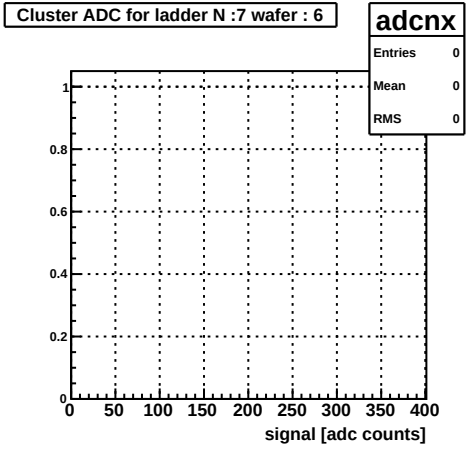

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

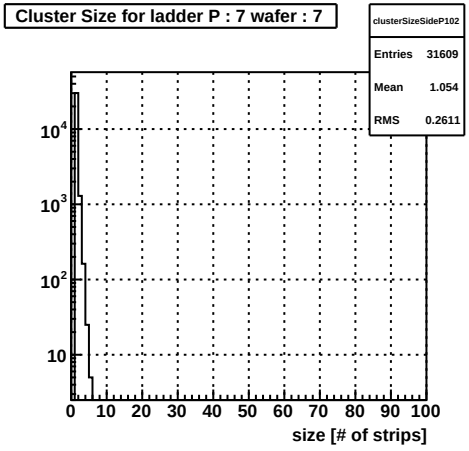

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5428
Mean 1.104
RMS 0.4024
size [# of strips]

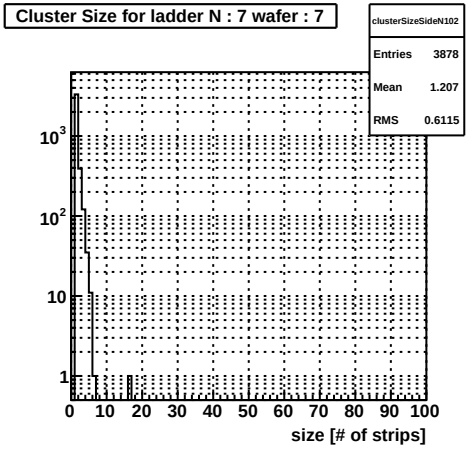

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

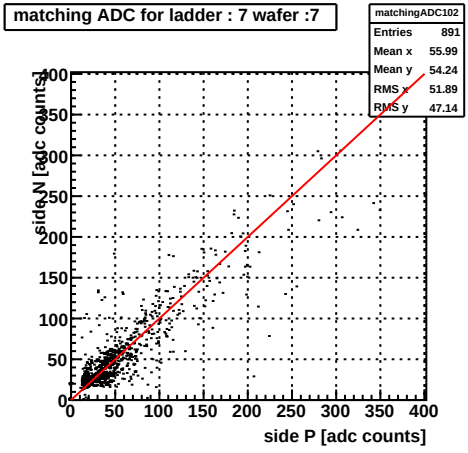

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

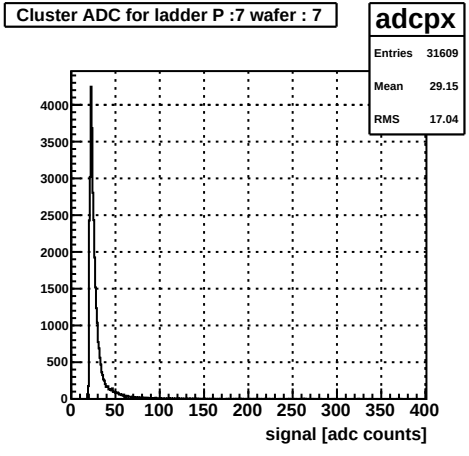

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5428
Mean 38.02
RMS 42.63
signal [adc counts]

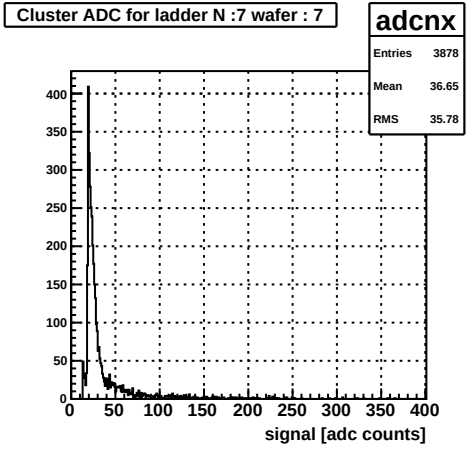

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

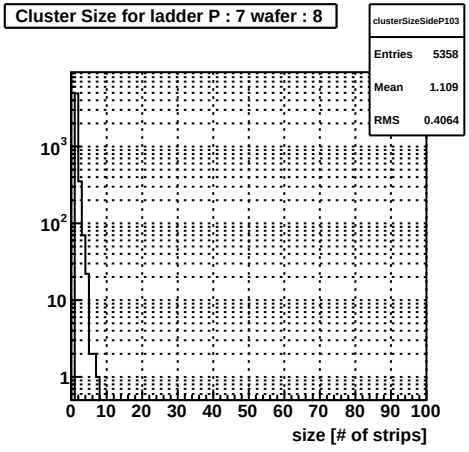

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 31609
Mean 1.054
RMS 0.2611
size [# of strips]

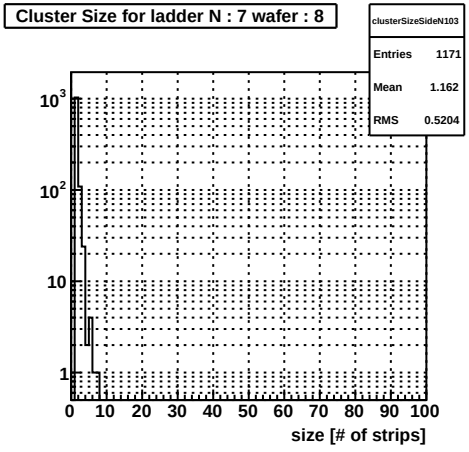

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3878
Mean 1.207
RMS 0.6115
size [# of strips]

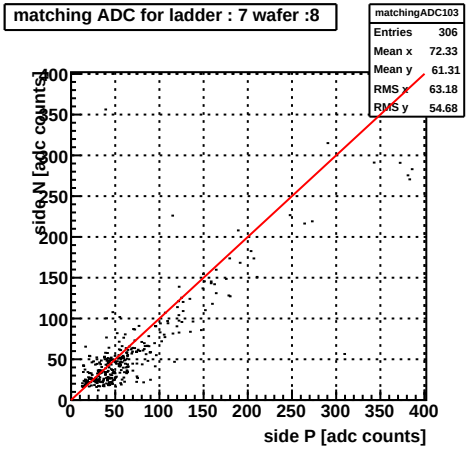

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 891
Mean x 55.99
Mean y 54.24
RMS x 51.89
RMS y 47.14
side N [adc counts]
side P [adc counts]

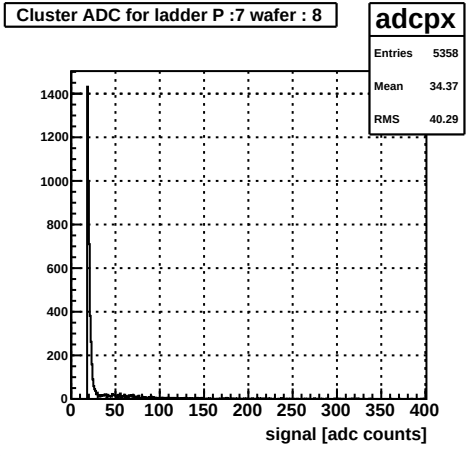

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 31609
Mean 29.15
RMS 17.04
signal [adc counts]

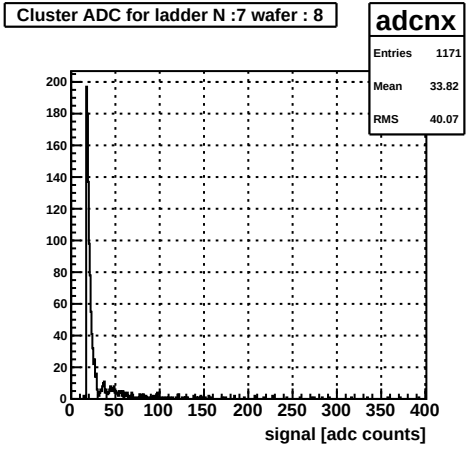

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3878
Mean 36.65
RMS 35.78
signal [adc counts]

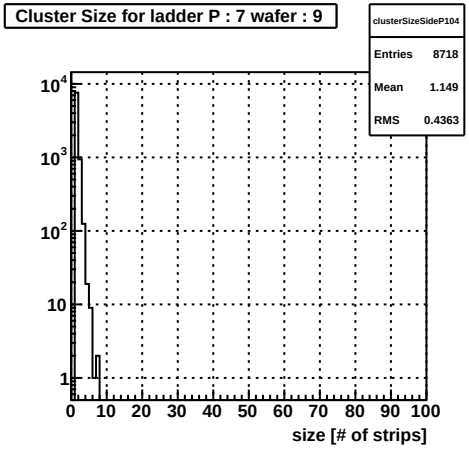

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 5358
Mean 1.109
RMS 0.4064
size [# of strips]

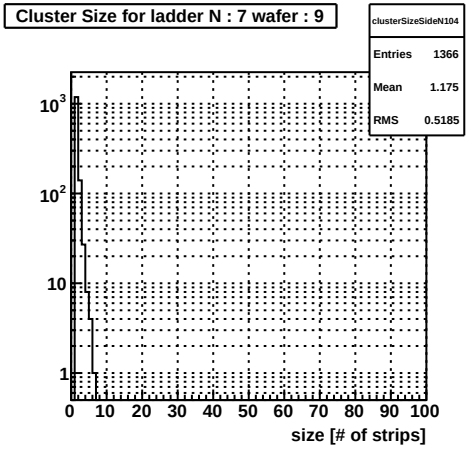

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 1171
Mean 1.162
RMS 0.5204
size [# of strips]

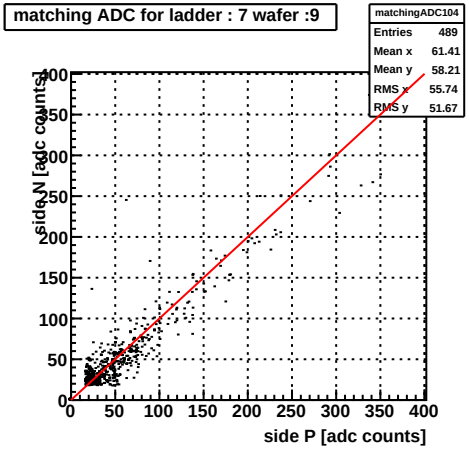

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 306
Mean x 72.33
Mean y 61.31
RMS x 63.18
RMS y 54.68
side N [adc counts]
side P [adc counts]

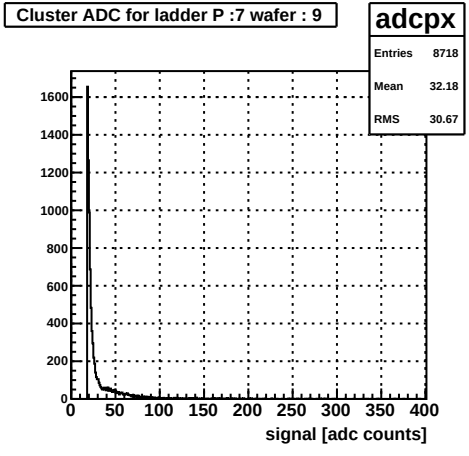

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 5358
Mean 34.37
RMS 40.29
signal [adc counts]

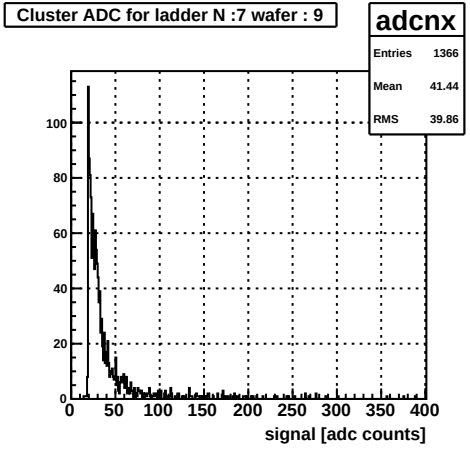

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 1171
Mean 33.82
RMS 40.07
signal [adc counts]

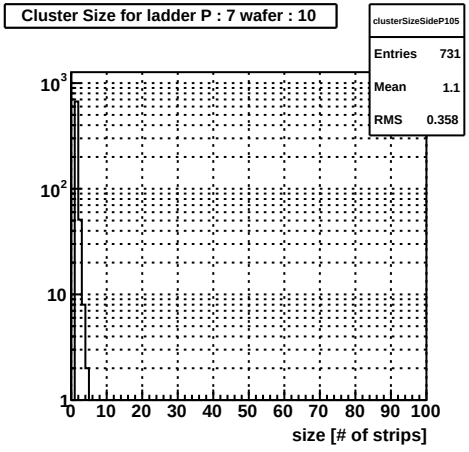

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8718
Mean 1.149
RMS 0.4363
size [# of strips]

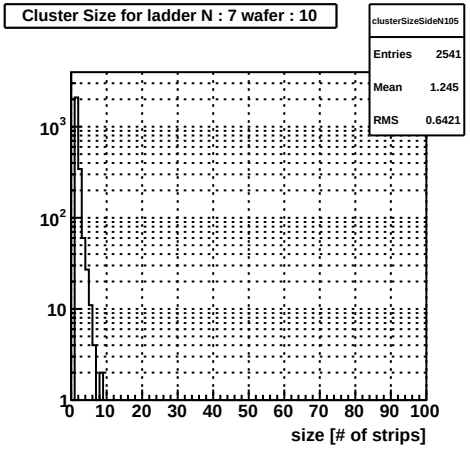

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 1366
Mean 1.175
RMS 0.5185
size [# of strips]

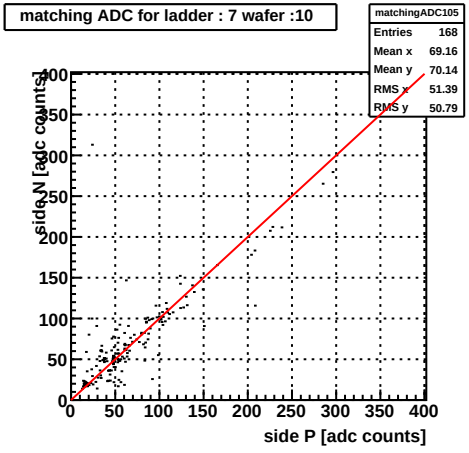

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 489
Mean x 61.41
Mean y 58.21
RMS x 55.74
RMS y 51.67
side N [adc counts]
side P [adc counts]

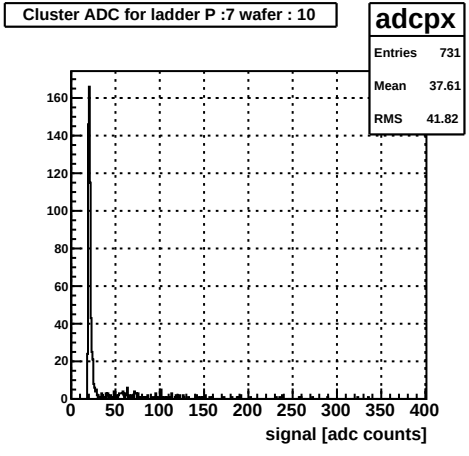

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8718
Mean 32.18
RMS 30.67
signal [adc counts]

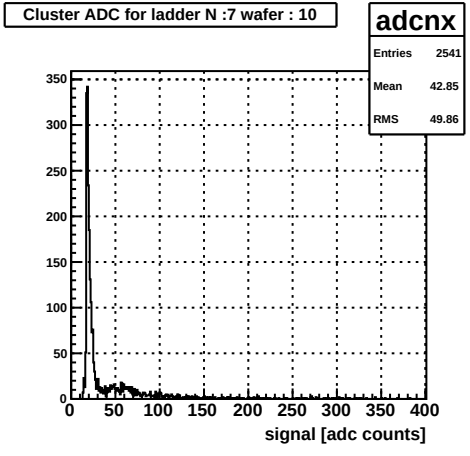

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 1366
Mean 41.44
RMS 39.86
signal [adc counts]

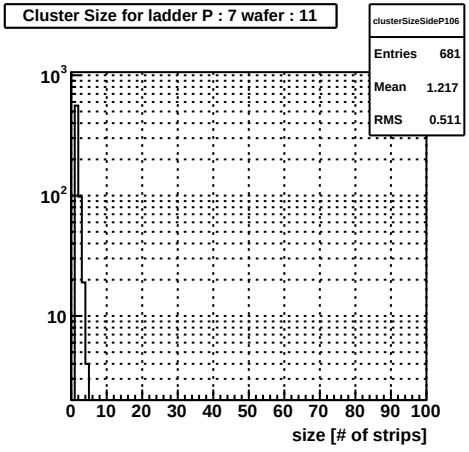

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 731
Mean 1.1
RMS 0.358
size [# of strips]

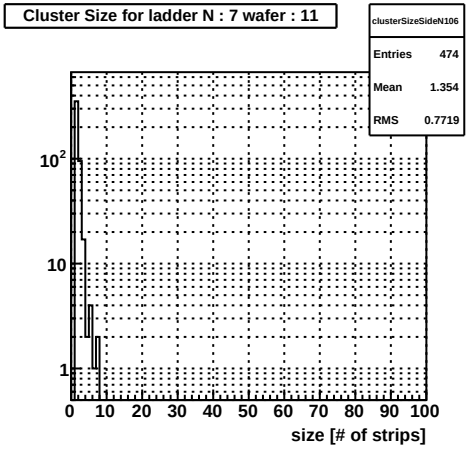

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2541
Mean 1.245
RMS 0.6421
size [# of strips]

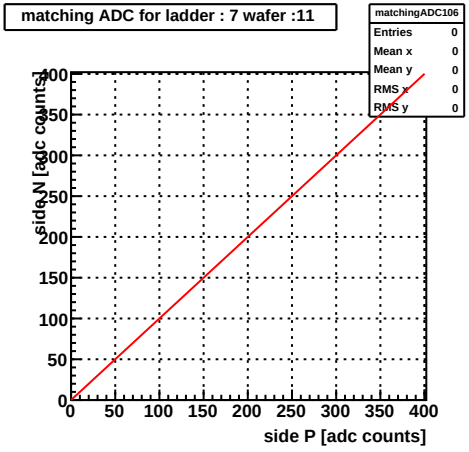

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 168
Mean x 69.16
Mean y 70.14
RMS x 51.39
RMS y 50.79
side N [adc counts]
side P [adc counts]

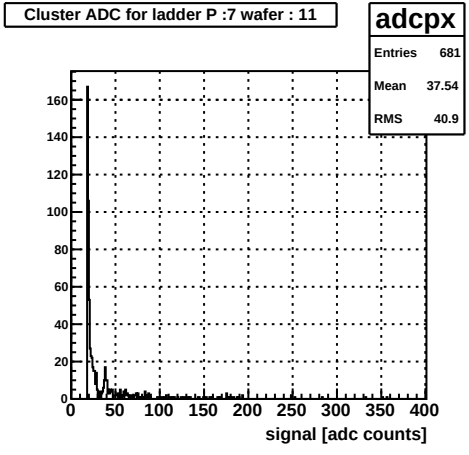

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 731
Mean 37.61
RMS 41.82
signal [adc counts]

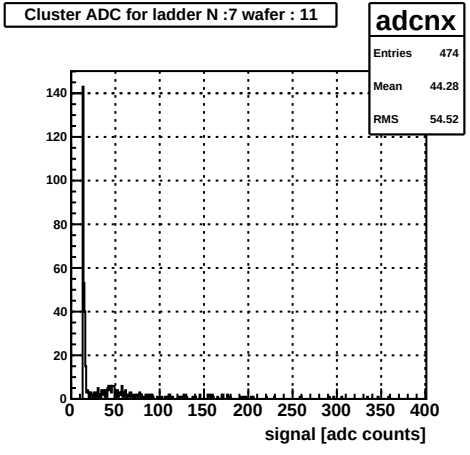

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2541
Mean 42.85
RMS 49.86
signal [adc counts]

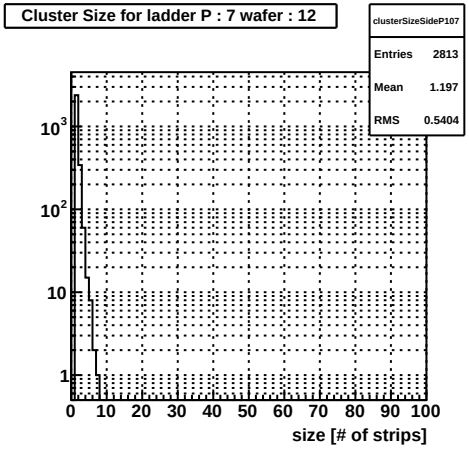

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 681
Mean 1.217
RMS 0.511
size [# of strips]

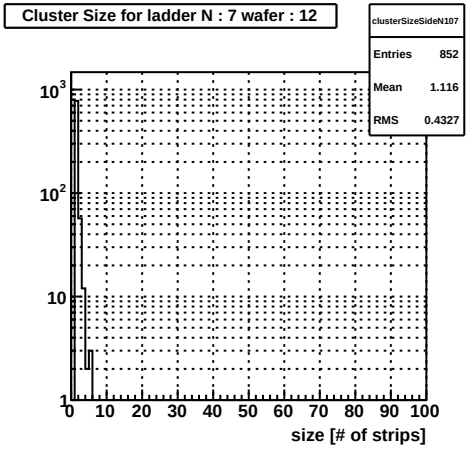

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 474
Mean 1.354
RMS 0.7719
size [# of strips]

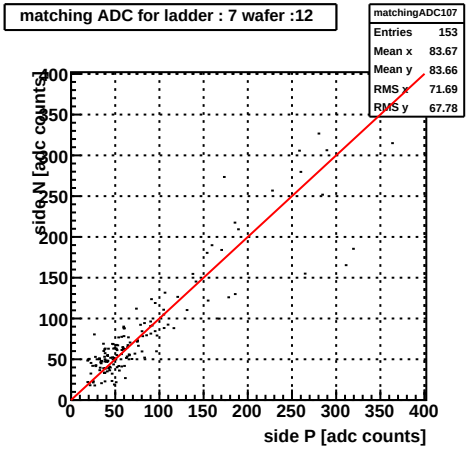

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

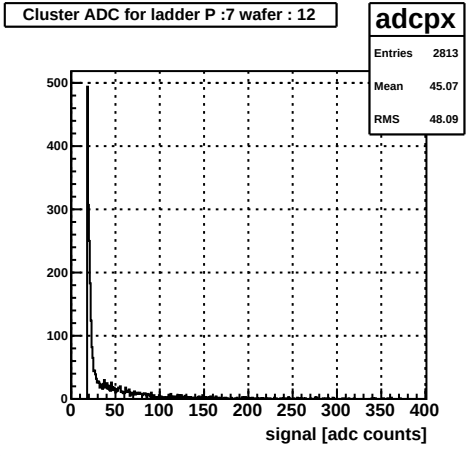

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 681
Mean 37.54
RMS 40.9
signal [adc counts]

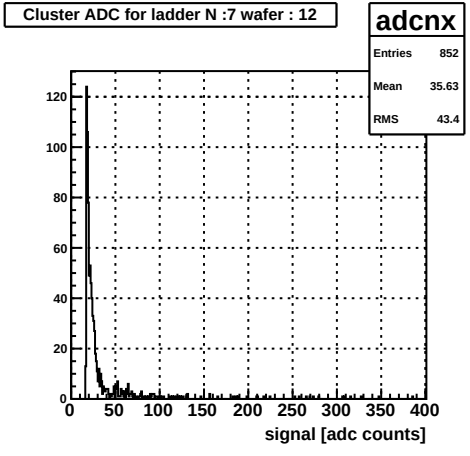

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 474
Mean 44.28
RMS 54.52
signal [adc counts]

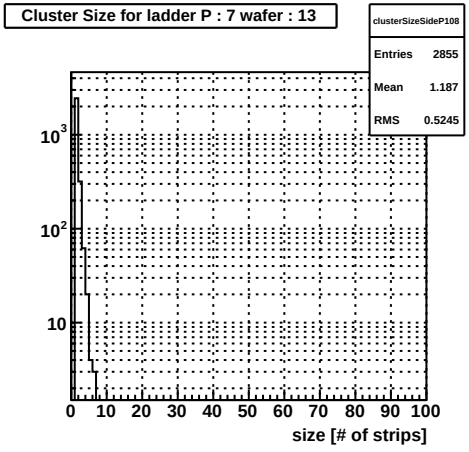

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2813
Mean 1.197
RMS 0.5404
size [# of strips]

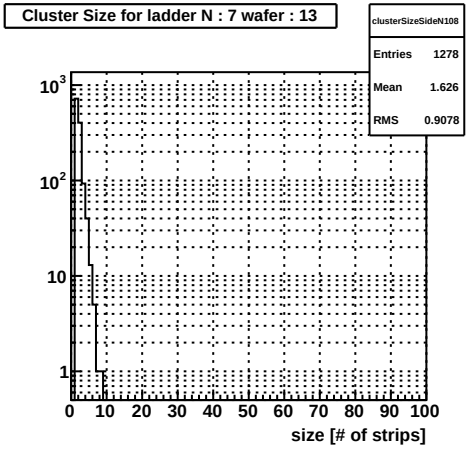

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 852
Mean 1.116
RMS 0.4327
size [# of strips]

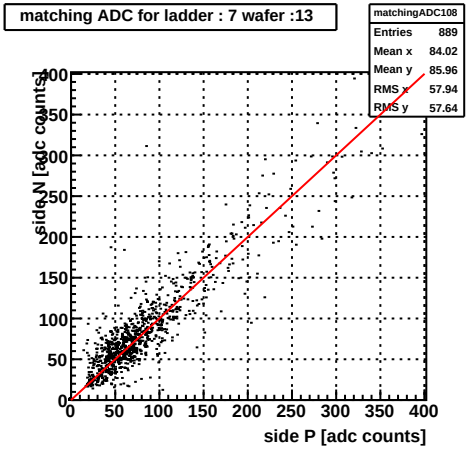

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 153
Mean x 83.67
Mean y 83.66
RMS x 71.69
RMS y 67.78
side N [adc counts]
side P [adc counts]

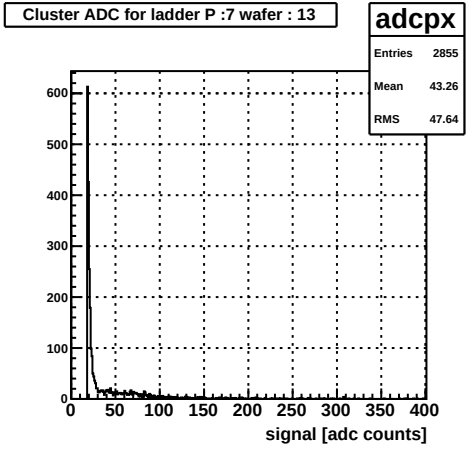

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2813
Mean 45.07
RMS 48.09
signal [adc counts]

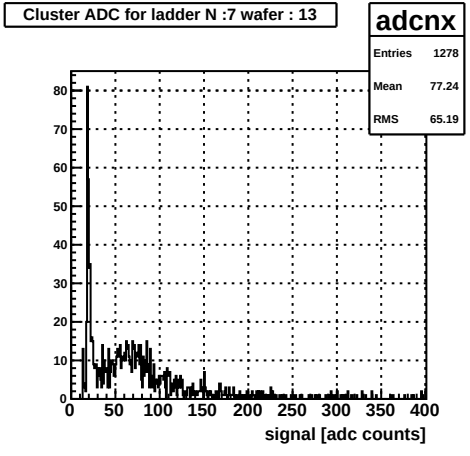

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 852
Mean 35.63
RMS 43.4
signal [adc counts]

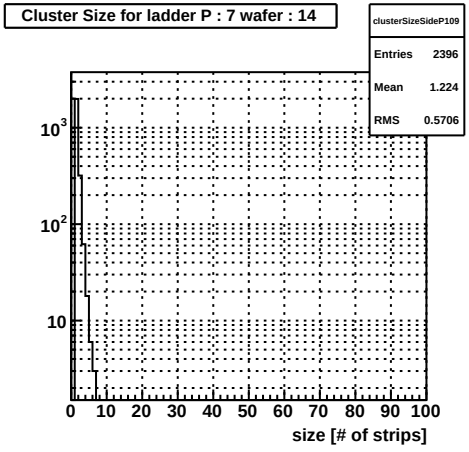

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2855
Mean 1.187
RMS 0.5245
size [# of strips]

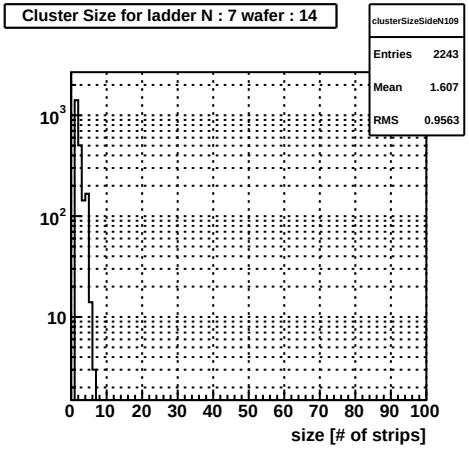

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1278
Mean 1.626
RMS 0.9078
size [# of strips]

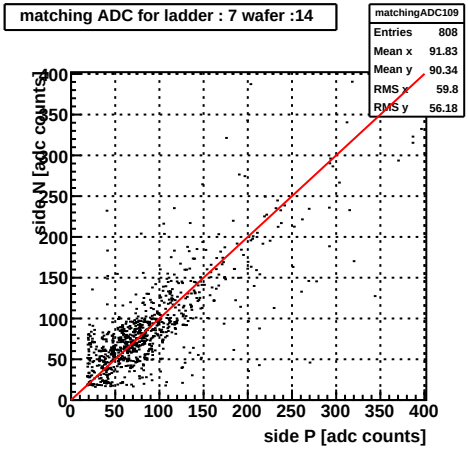

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 889
Mean x 84.02
Mean y 85.96
RMS x 57.94
RMS y 57.64
side N [adc counts]
side P [adc counts]

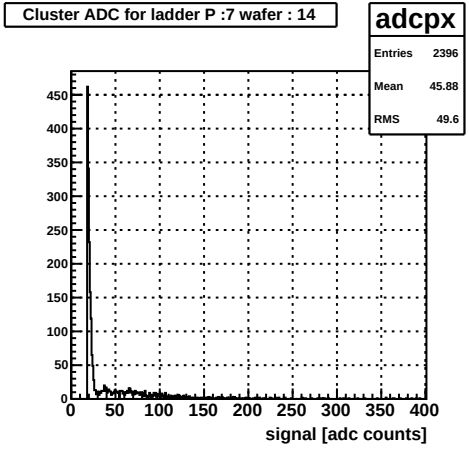

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2855
Mean 43.26
RMS 47.64
signal [adc counts]

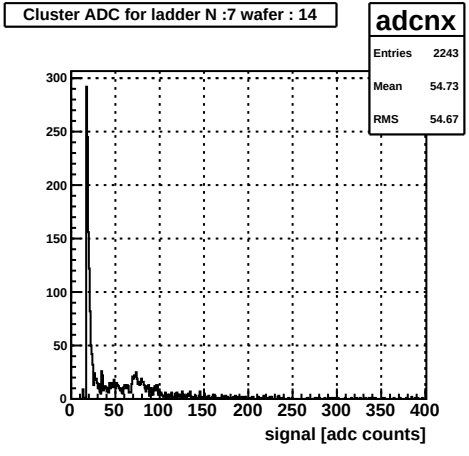

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1278
Mean 77.24
RMS 65.19
signal [adc counts]

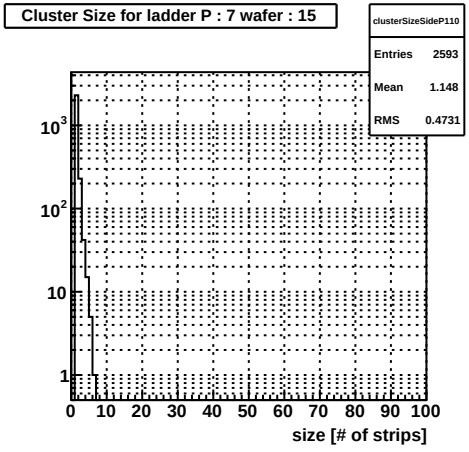

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2396
Mean 1.224
RMS 0.5706
size [# of strips]

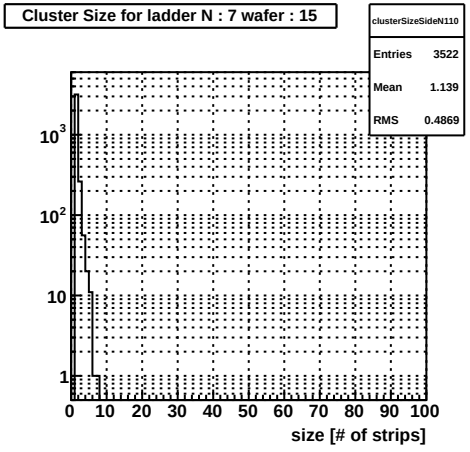

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2243
Mean 1.607
RMS 0.9563
size [# of strips]

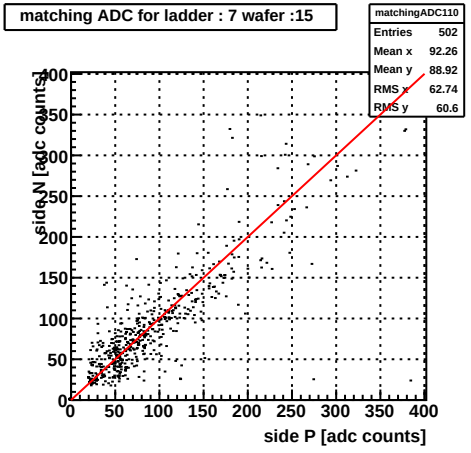

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 808
Mean x 91.83
Mean y 90.34
RMS x 59.8
RMS y 56.18
side N [adc counts]
side P [adc counts]

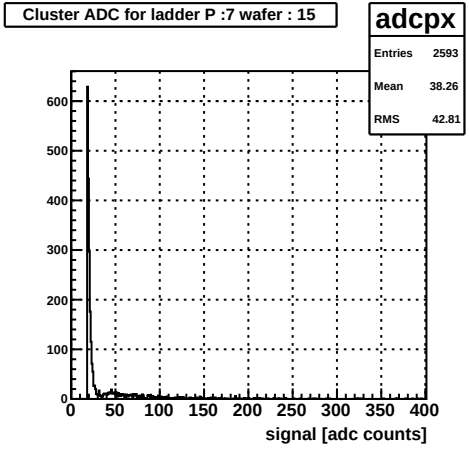

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2396
Mean 45.88
RMS 49.6
signal [adc counts]

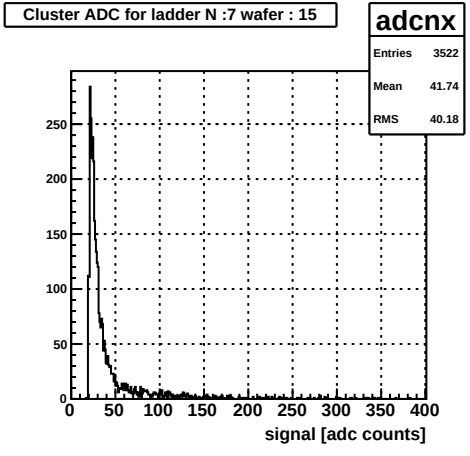

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2243
Mean 54.73
RMS 54.67
signal [adc counts]

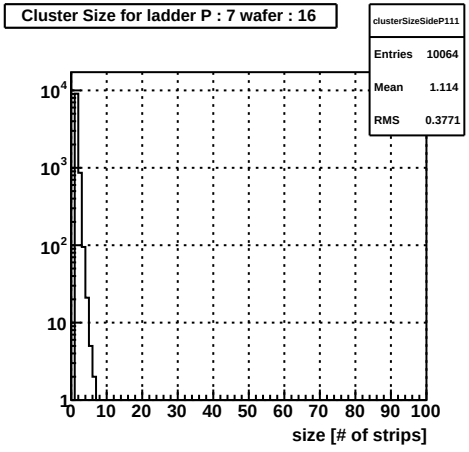

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2593
Mean 1.148
RMS 0.4731
size [# of strips]

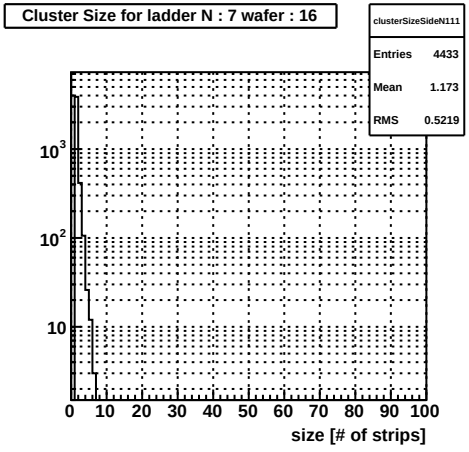

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3522
Mean 1.139
RMS 0.4869
size [# of strips]

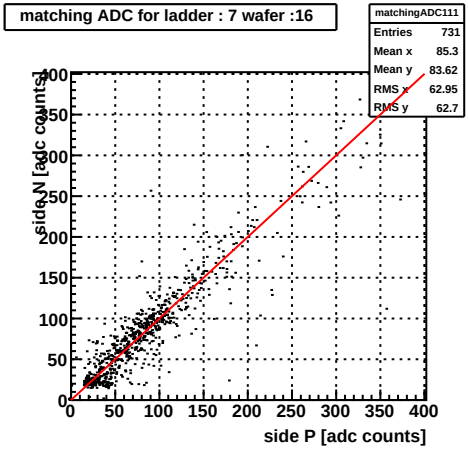

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 502
Mean x 92.26
Mean y 88.92
RMS x 62.74
RMS y 60.6
side N [adc counts]
side P [adc counts]

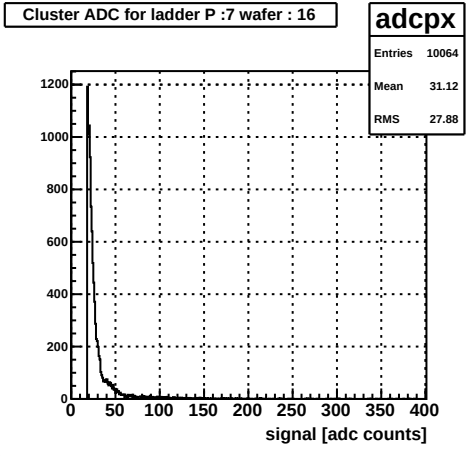

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2593
Mean 38.26
RMS 42.81
signal [adc counts]

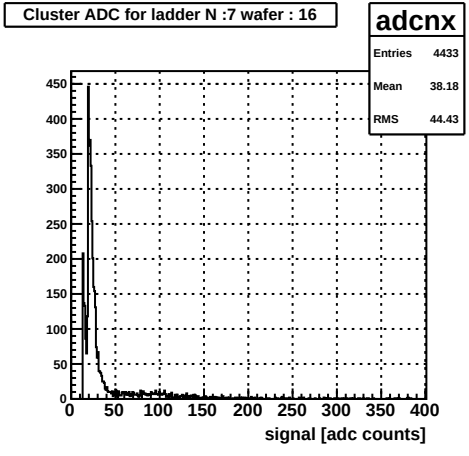

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3522
Mean 41.74
RMS 40.18
signal [adc counts]

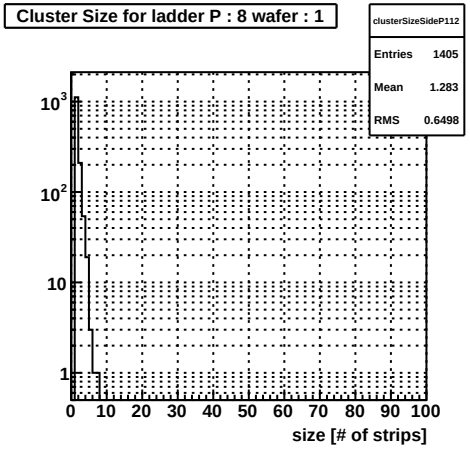

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 10064
Mean 1.114
RMS 0.3771
size [# of strips]

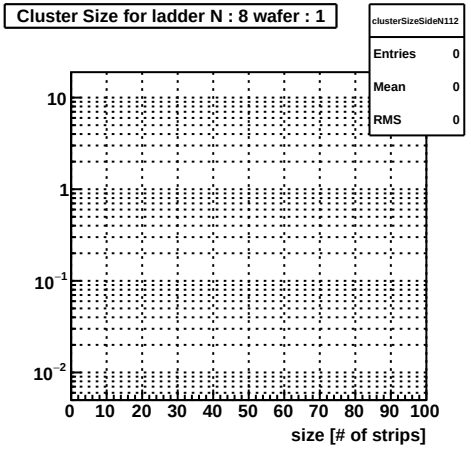

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 4433
Mean 1.173
RMS 0.5219
size [# of strips]

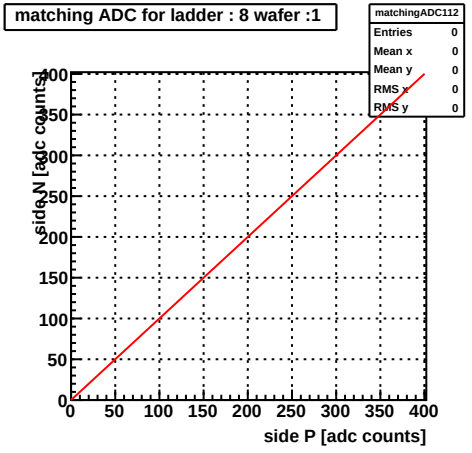

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 731
Mean x 85.3
Mean y 83.62
RMS x 62.95
RMS y 62.7
side N [adc counts]
side P [adc counts]

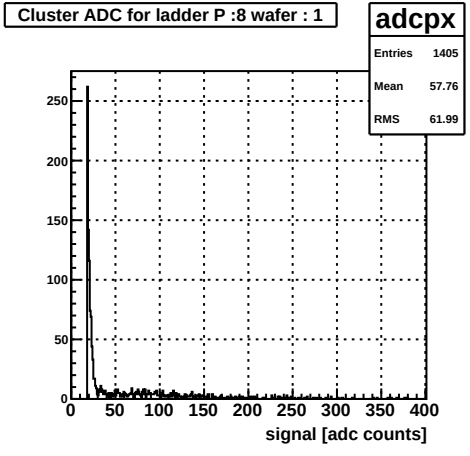

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 10064
Mean 31.12
RMS 27.88
signal [adc counts]

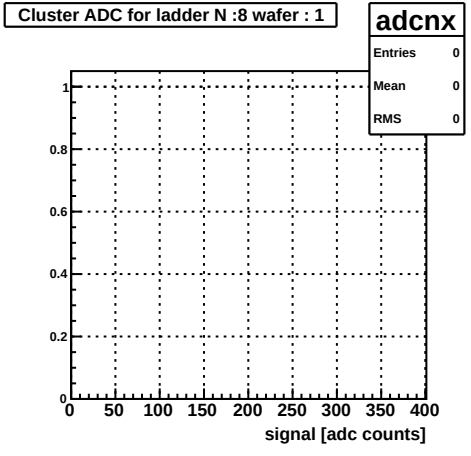

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 4433
Mean 38.18
RMS 44.43
signal [adc counts]

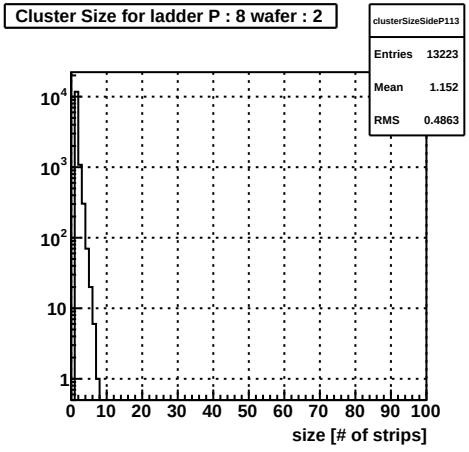

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1405
Mean 1.283
RMS 0.6498
size [# of strips]

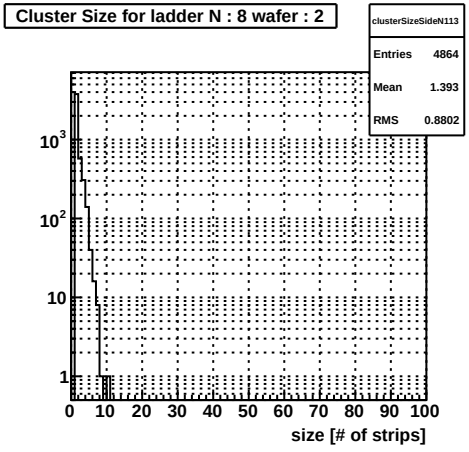

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

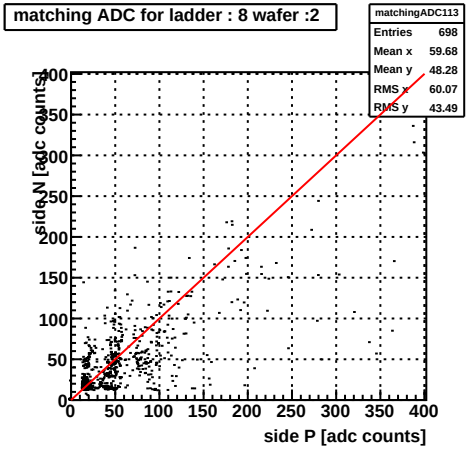

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

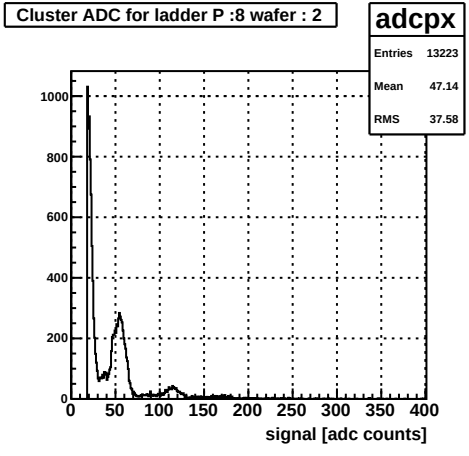

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1405
Mean 57.76
RMS 61.99
signal [adc counts]

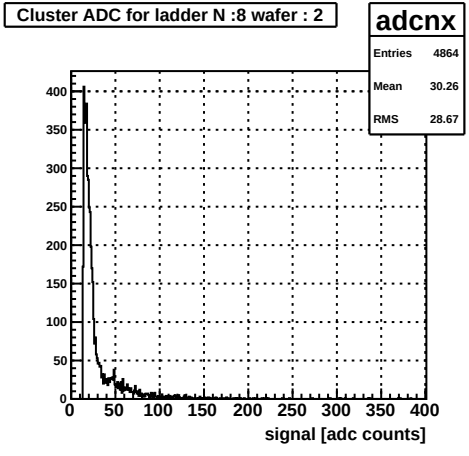

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

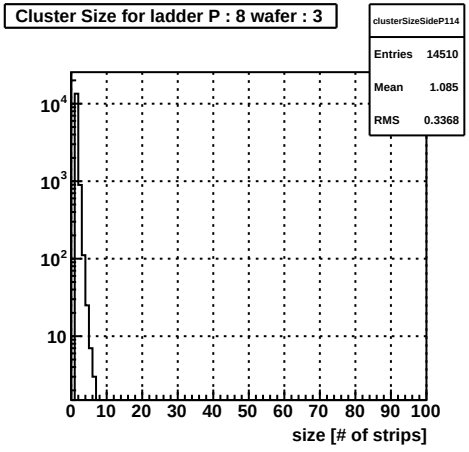

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 13223
Mean 1.152
RMS 0.4863
size [# of strips]

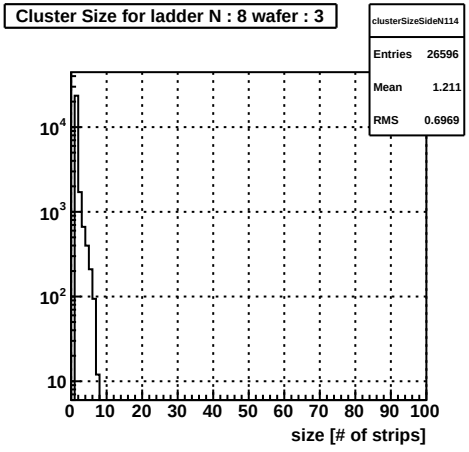

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4864
Mean 1.393
RMS 0.8802
size [# of strips]

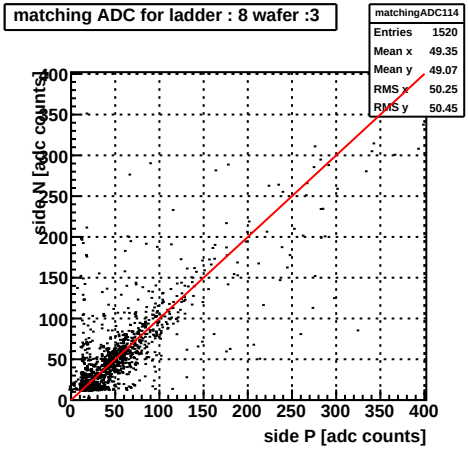

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 698
Mean x 59.68
Mean y 48.28
RMS x 60.07
RMS y 43.49
side N [adc counts]
side P [adc counts]

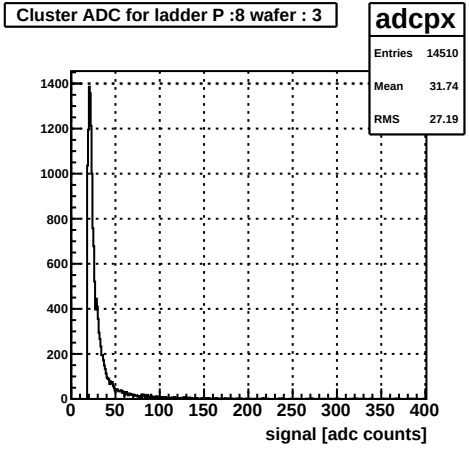

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 13223
Mean 47.14
RMS 37.58
signal [adc counts]

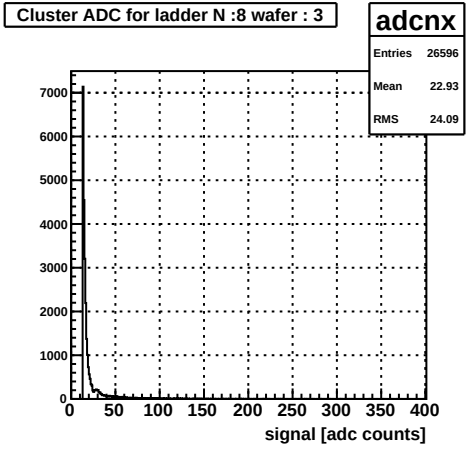

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4864
Mean 30.26
RMS 28.67
signal [adc counts]

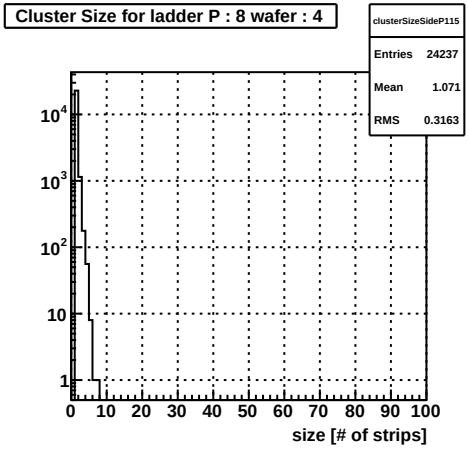

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 14510
Mean 1.085
RMS 0.3368
size [# of strips]

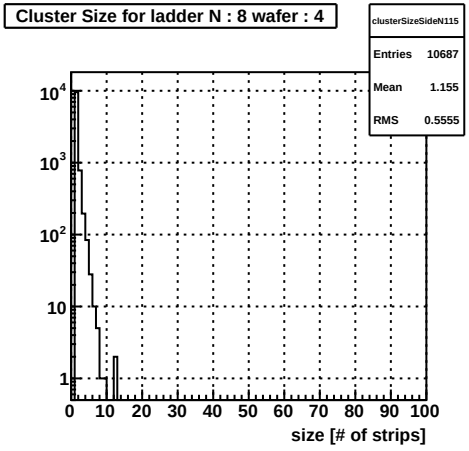

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 26596
Mean 1.211
RMS 0.6969
size [# of strips]

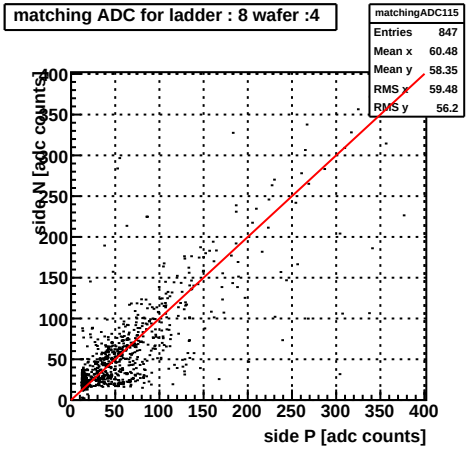

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1520
Mean x 49.35
Mean y 49.07
RMS x 50.25
RMS y 50.45
side N [adc counts]
side P [adc counts]

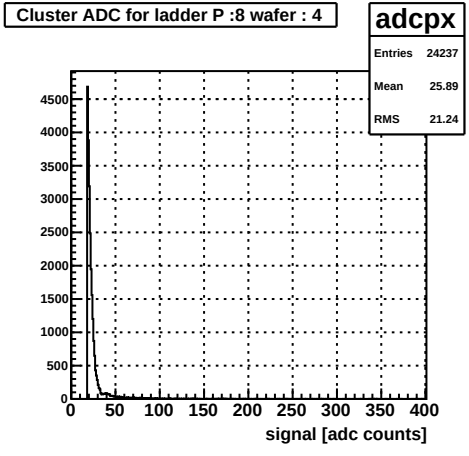

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 14510
Mean 31.74
RMS 27.19
signal [adc counts]

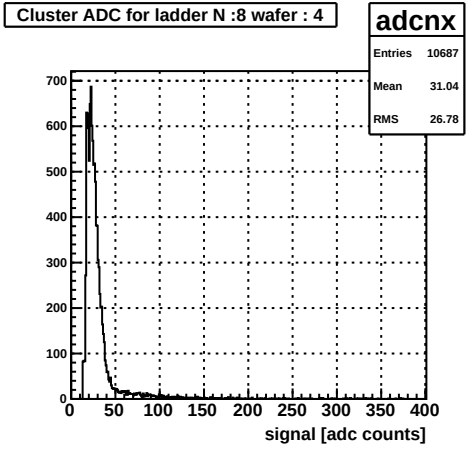

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 26596
Mean 22.93
RMS 24.09
signal [adc counts]

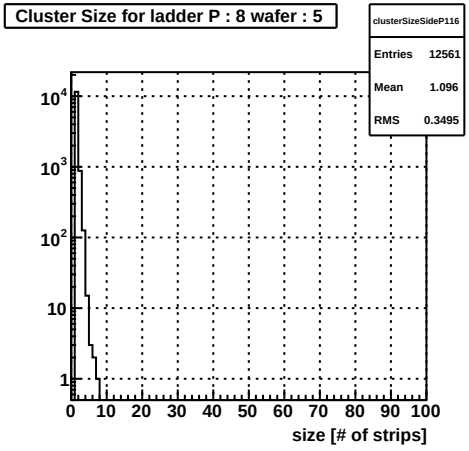

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 24237
Mean 1.071
RMS 0.3163
size [# of strips]

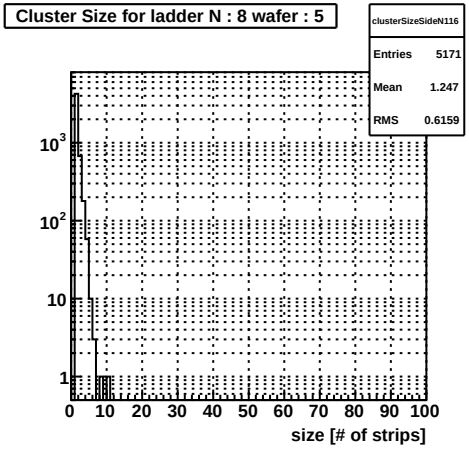

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 10687
Mean 1.155
RMS 0.5555
size [# of strips]

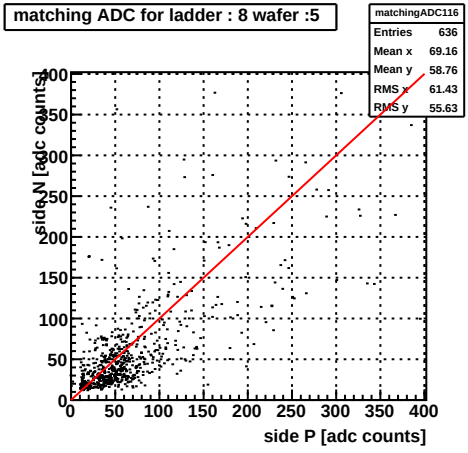

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 847
Mean x 60.48
Mean y 58.35
RMS x 59.48
RMS y 56.2
side N [adc counts]
side P [adc counts]

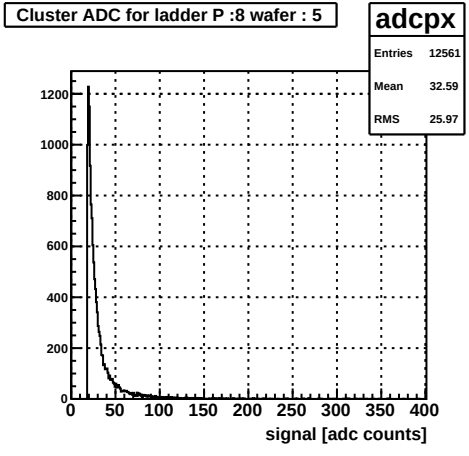

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 24237
Mean 25.89
RMS 21.24
signal [adc counts]

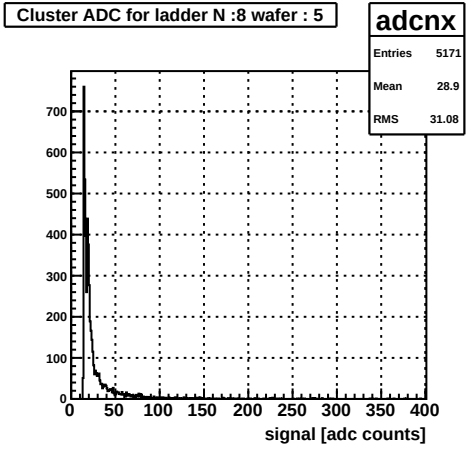

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 10687
Mean 31.04
RMS 26.78
signal [adc counts]

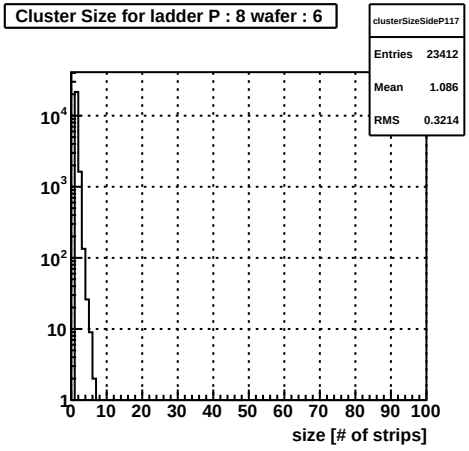

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 12561
Mean 1.096
RMS 0.3495
size [# of strips]

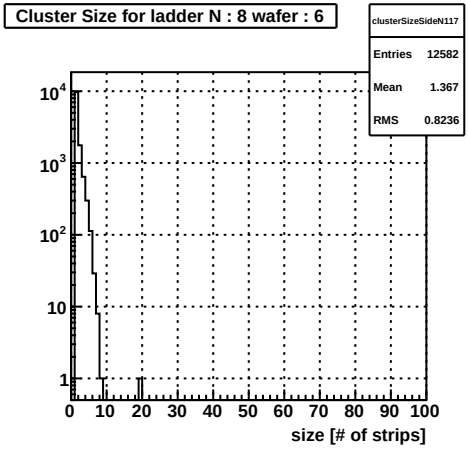

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 5171
Mean 1.247
RMS 0.6159
size [# of strips]

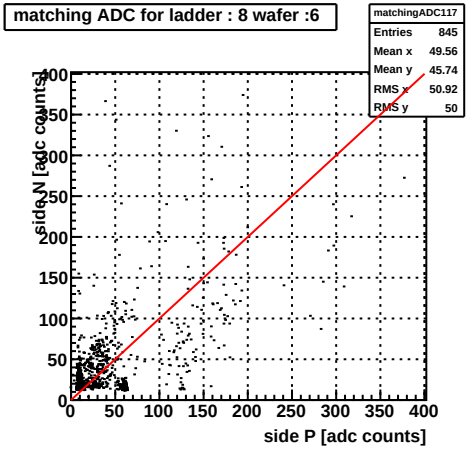

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 636
Mean x 69.16
Mean y 58.76
RMS x 61.43
RMS y 55.63
side N [adc counts]
side P [adc counts]

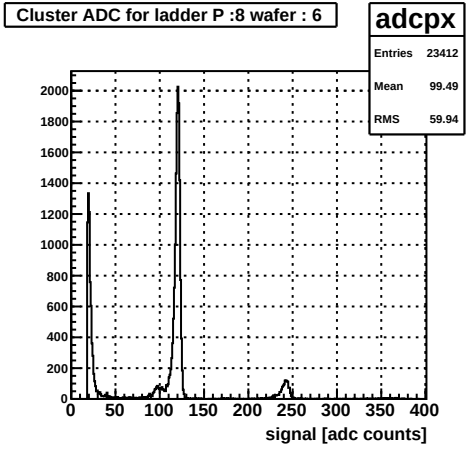

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 12561
Mean 32.59
RMS 25.97
signal [adc counts]

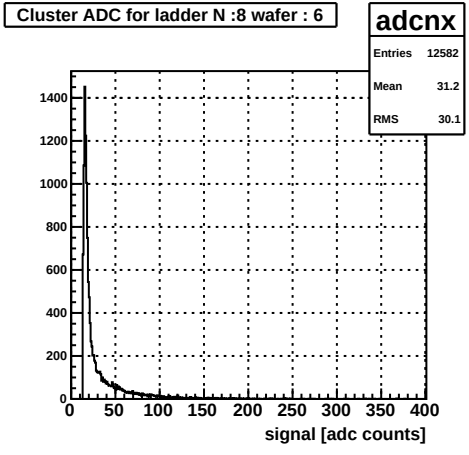

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 5171
Mean 28.9
RMS 31.08
signal [adc counts]

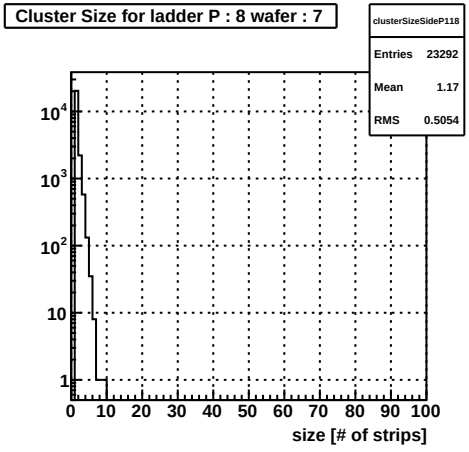

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 23412
Mean 1.086
RMS 0.3214
size [# of strips]

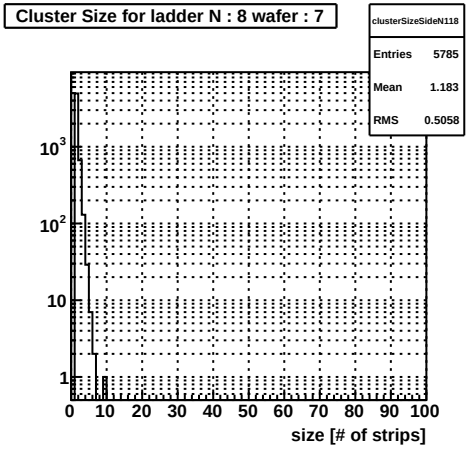

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 12582
Mean 1.367
RMS 0.8236
size [# of strips]

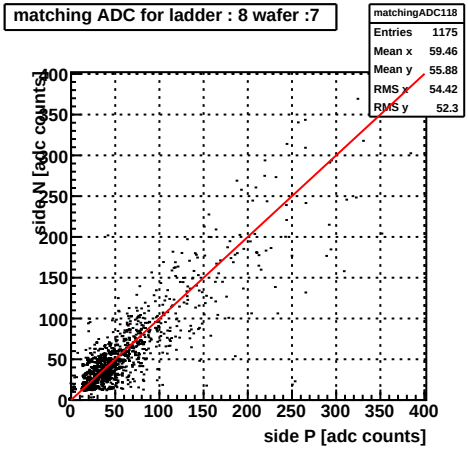

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 845
Mean x 49.56
Mean y 45.74
RMS x 50.92
RMS y 50
side N [adc counts]
side P [adc counts]

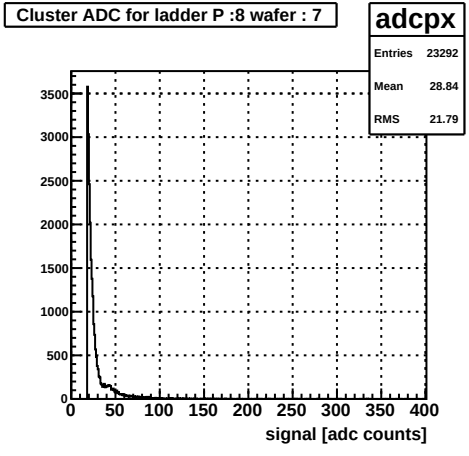

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 23412
Mean 99.49
RMS 59.94
signal [adc counts]

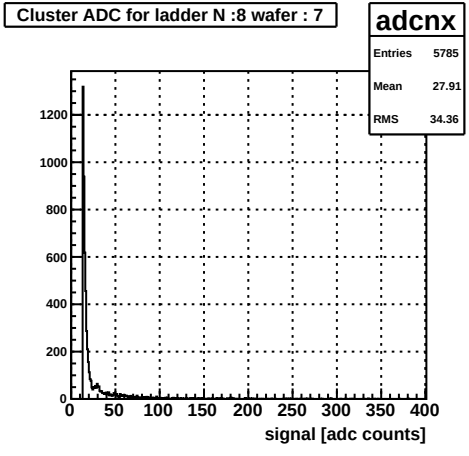

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 12582
Mean 31.2
RMS 30.1
signal [adc counts]

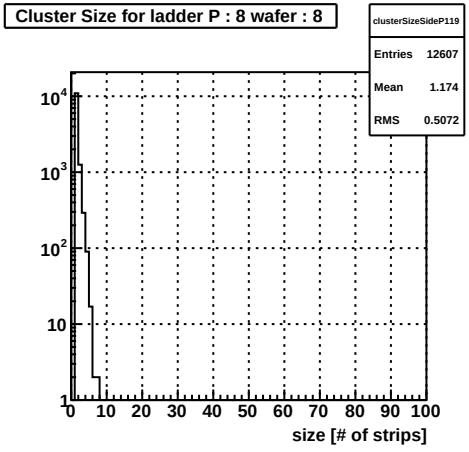

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 23292
Mean 1.17
RMS 0.5054
size [# of strips]

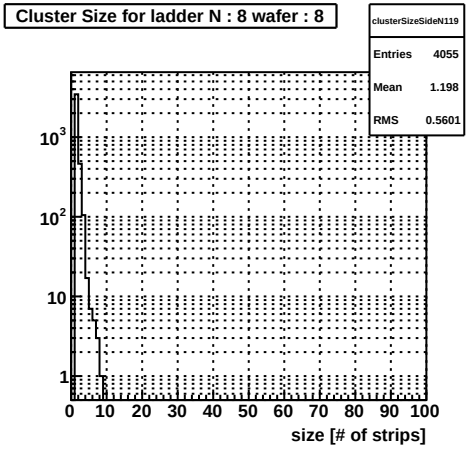

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 5785
Mean 1.183
RMS 0.5058
size [# of strips]

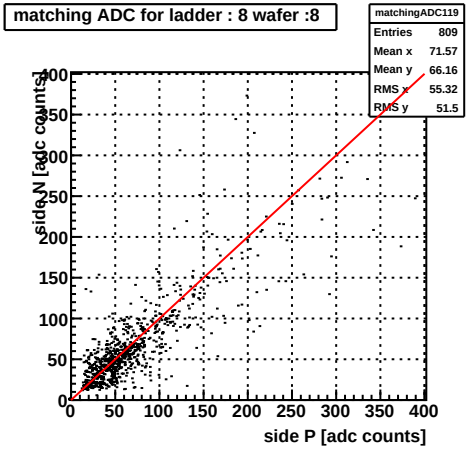

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1175
Mean x 59.46
Mean y 55.88
RMS x 54.42
RMS y 52.3
side N [adc counts]
side P [adc counts]

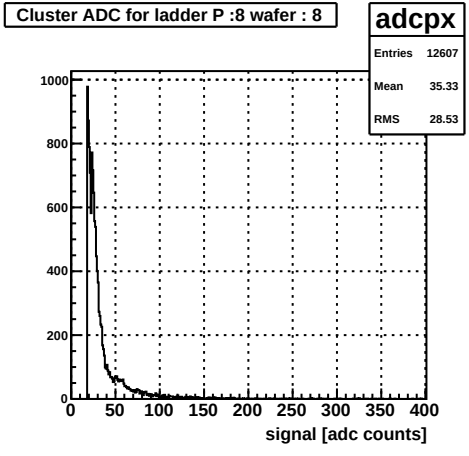

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 23292
Mean 28.84
RMS 21.79
signal [adc counts]

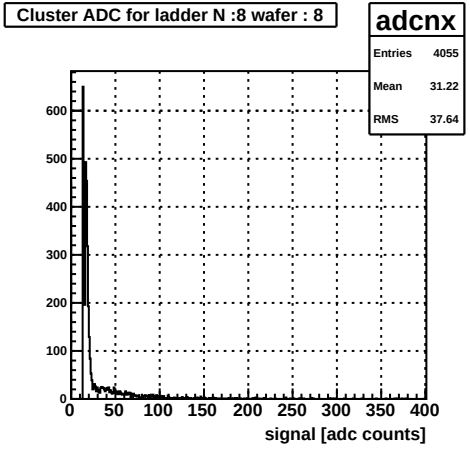

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 5785
Mean 27.91
RMS 34.36
signal [adc counts]

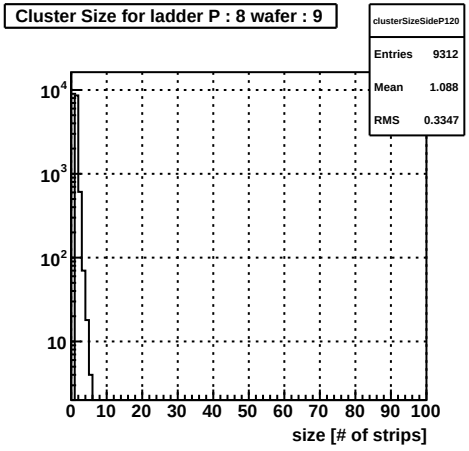

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 12607
Mean 1.174
RMS 0.5072
size [# of strips]

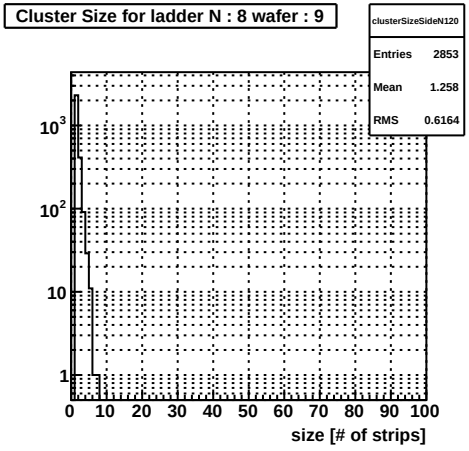

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 4055
Mean 1.198
RMS 0.5601
size [# of strips]

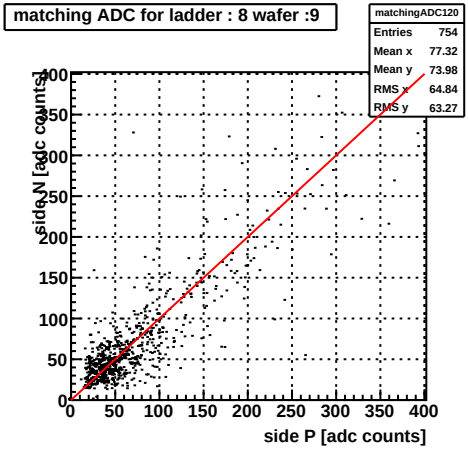

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 809
Mean x 71.57
Mean y 66.16
RMS x 55.32
RMS y 51.5
side N [adc counts]
side P [adc counts]

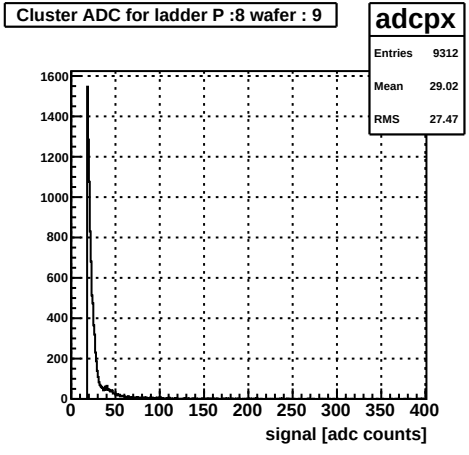

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 12607
Mean 35.33
RMS 28.53
signal [adc counts]

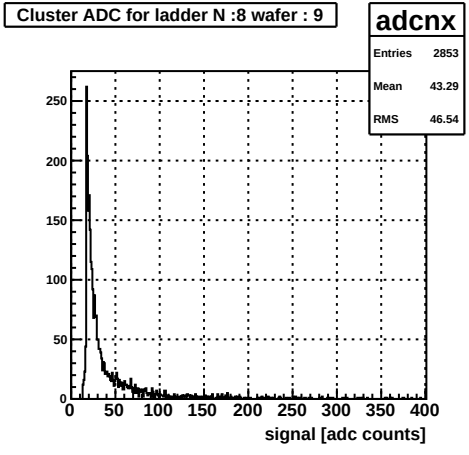

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 4055
Mean 31.22
RMS 37.64
signal [adc counts]

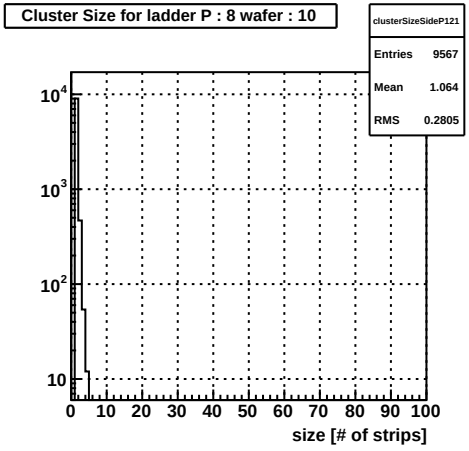

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 9312
Mean 1.088
RMS 0.3347
size [# of strips]

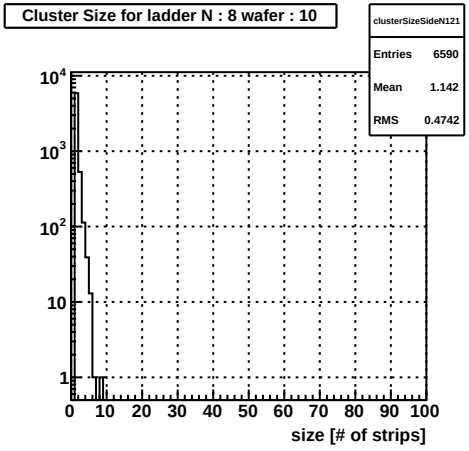

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2853
Mean 1.258
RMS 0.6164
size [# of strips]

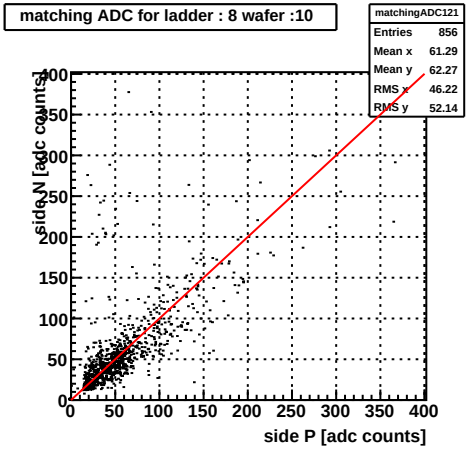

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 754
Mean x 77.32
Mean y 73.98
RMS x 64.84
RMS y 63.27
side N [adc counts]
side P [adc counts]

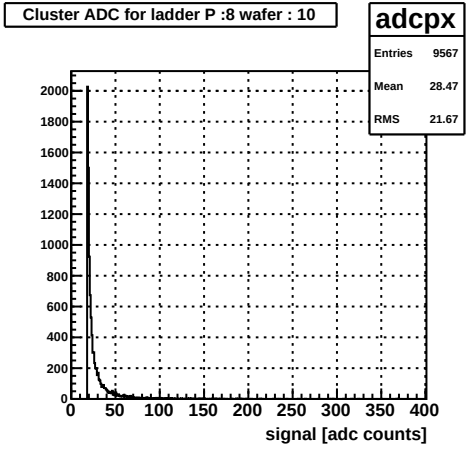

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 9312
Mean 29.02
RMS 27.47
signal [adc counts]

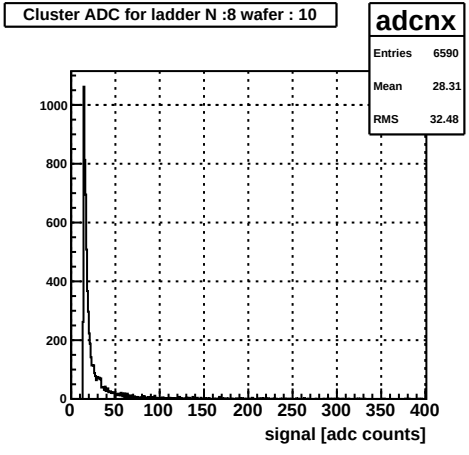

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2853
Mean 43.29
RMS 46.54
signal [adc counts]

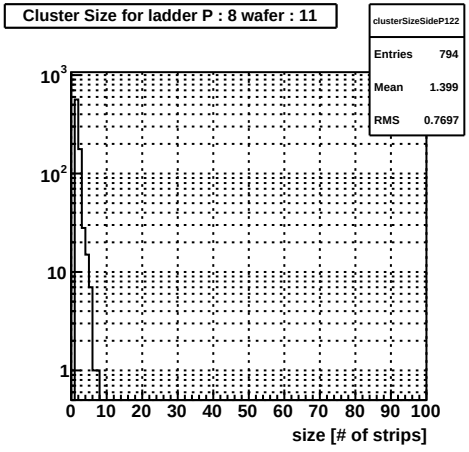

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 9567
Mean 1.064
RMS 0.2805
size [# of strips]

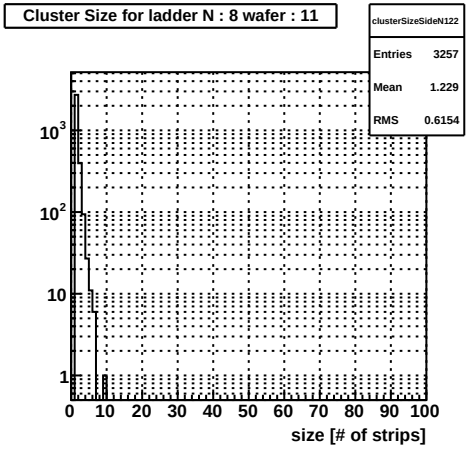

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 6590
Mean 1.142
RMS 0.4742
size [# of strips]

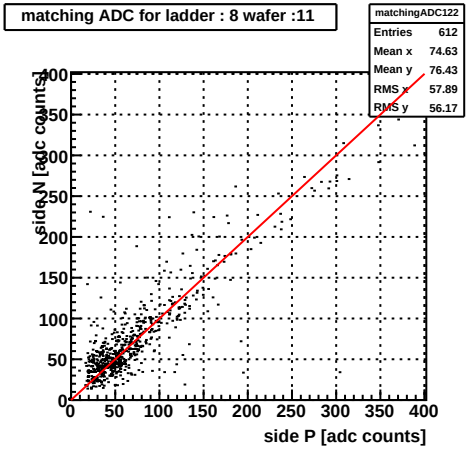

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 856
Mean x 61.29
Mean y 62.27
RMS x 46.22
RMS y 52.14
side N [adc counts]
side P [adc counts]

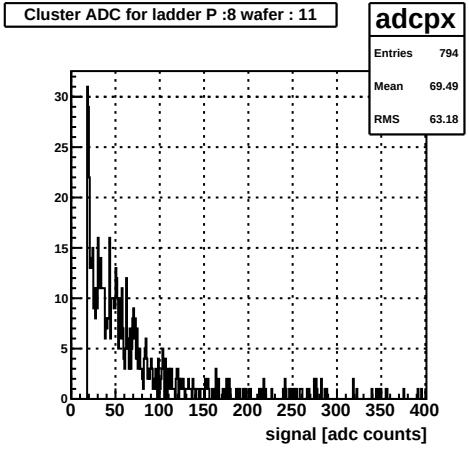

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 9567
Mean 28.47
RMS 21.67
signal [adc counts]

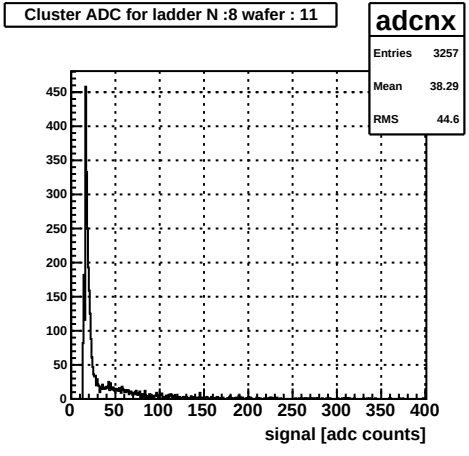

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 6590
Mean 28.31
RMS 32.48
signal [adc counts]

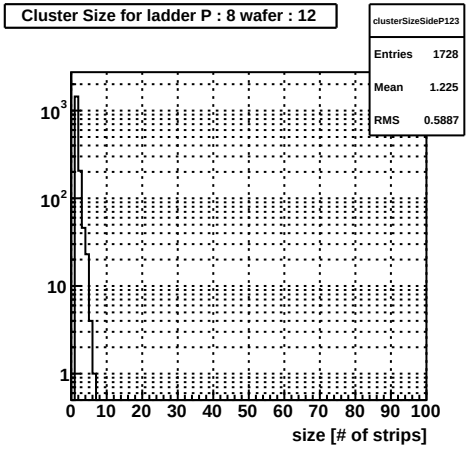

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 794
Mean 1.399
RMS 0.7697
size [# of strips]

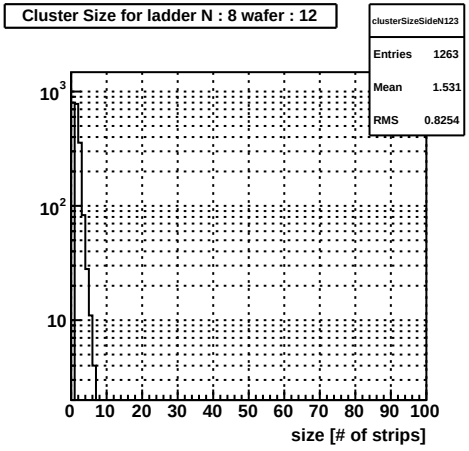

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3257
Mean 1.229
RMS 0.6154
size [# of strips]

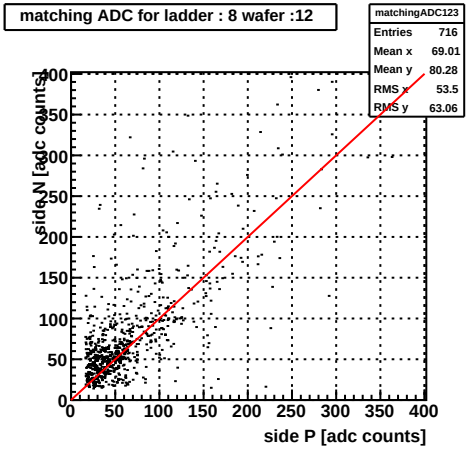

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 612
Mean x 74.63
Mean y 76.43
RMS x 57.89
RMS y 56.17
side N [adc counts]
side P [adc counts]

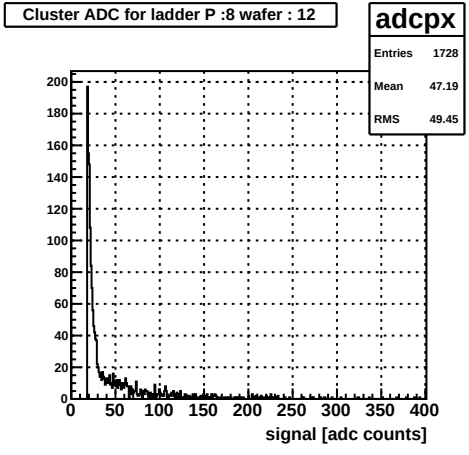

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 794
Mean 69.49
RMS 63.18
signal [adc counts]

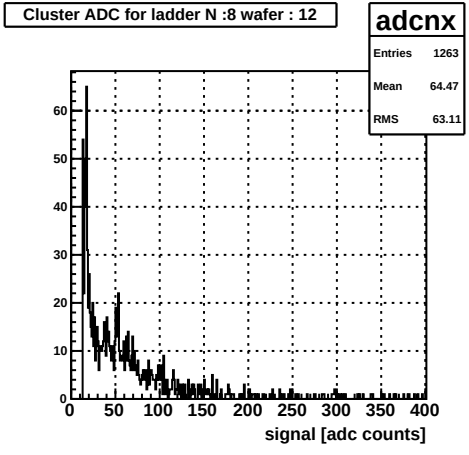

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3257
Mean 38.29
RMS 44.6
signal [adc counts]

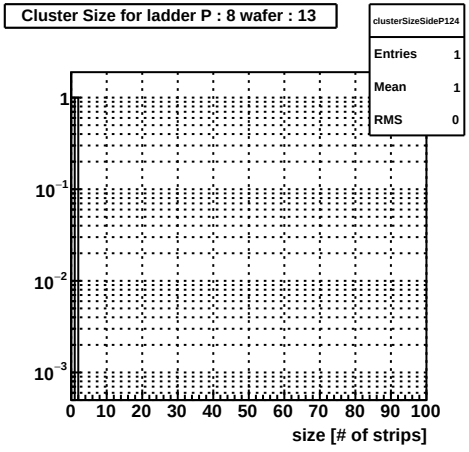

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1728
Mean 1.225
RMS 0.5887
size [# of strips]

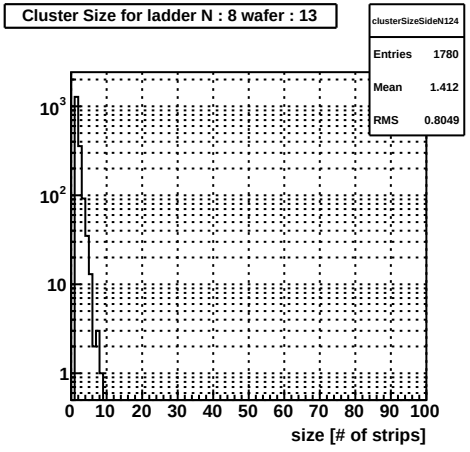

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1263
Mean 1.531
RMS 0.8254
size [# of strips]

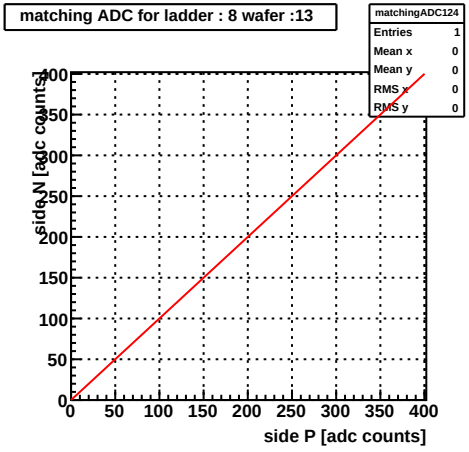

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 716
Mean x 69.01
Mean y 80.28
RMS x 53.5
RMS y 63.06
side N [adc counts]
side P [adc counts]

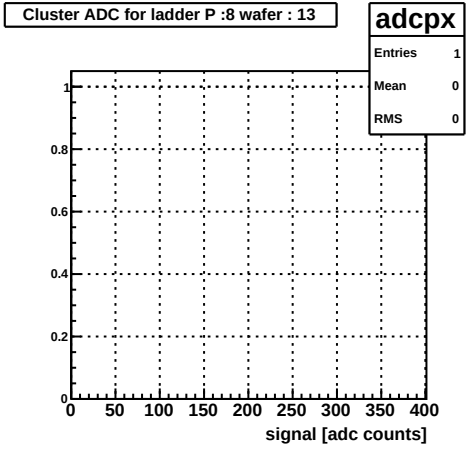

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1728
Mean 47.19
RMS 49.45
signal [adc counts]

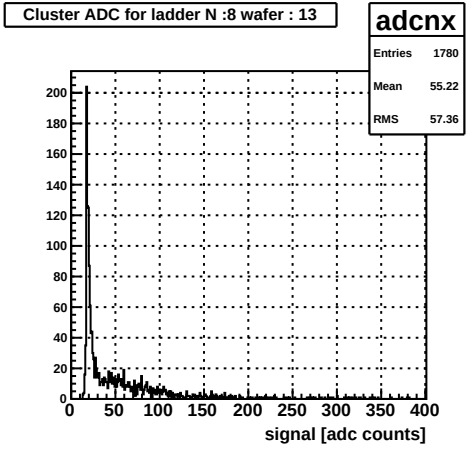

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1263
Mean 64.47
RMS 63.11
signal [adc counts]

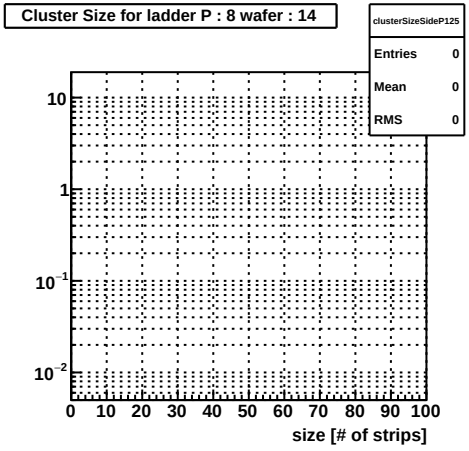

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

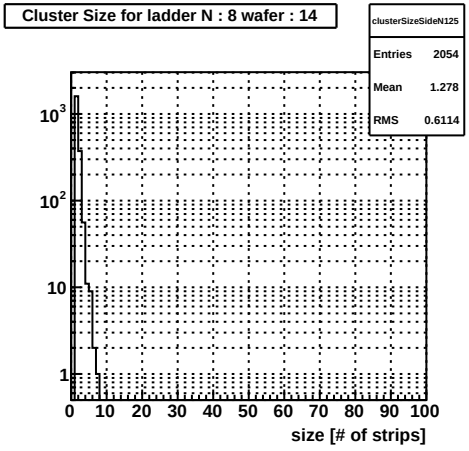

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1780
Mean 1.412
RMS 0.8049
size [# of strips]

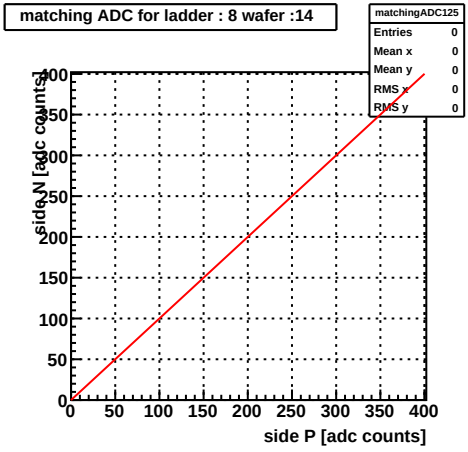

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

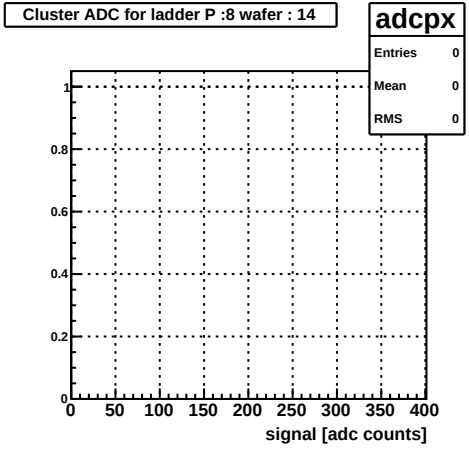

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

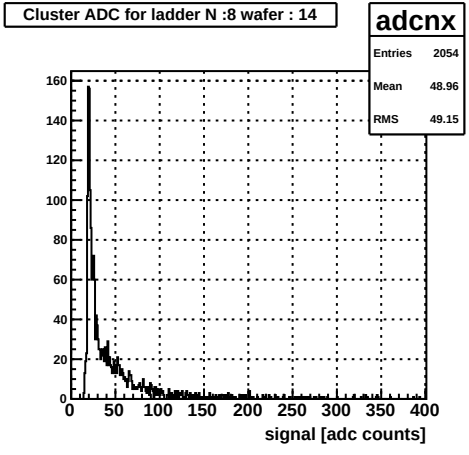

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1780
Mean 55.22
RMS 57.36
signal [adc counts]

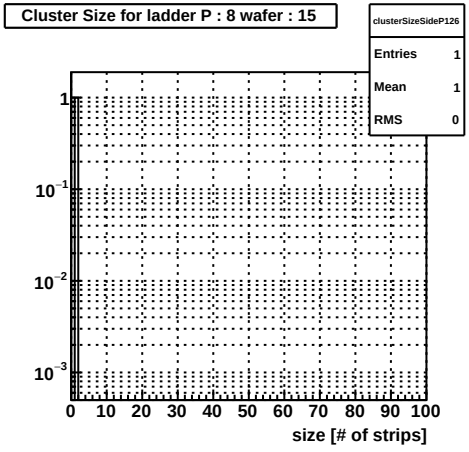

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

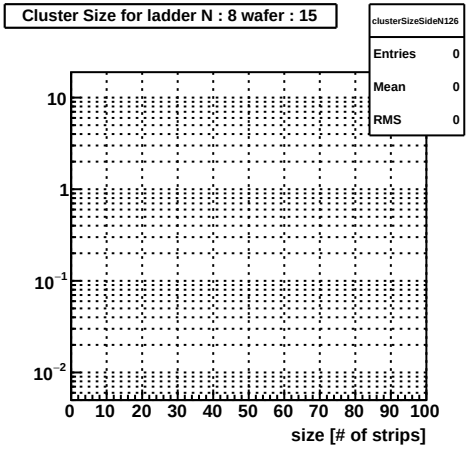

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2054
Mean 1.278
RMS 0.6114
size [# of strips]

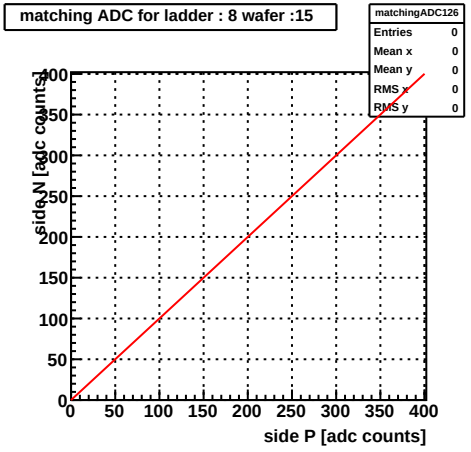

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

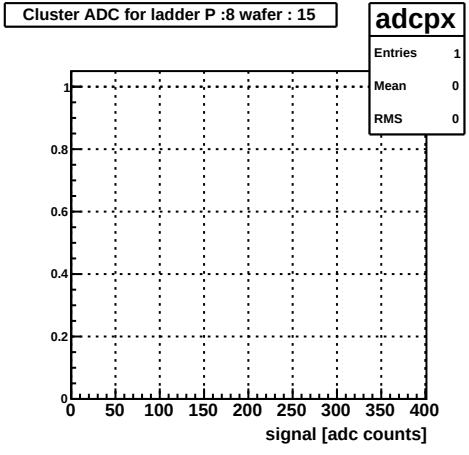

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

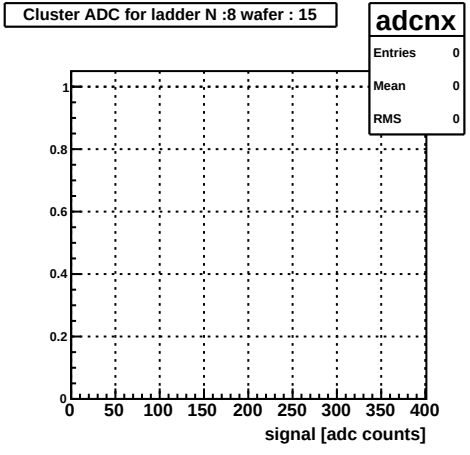

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2054
Mean 48.96
RMS 49.15
signal [adc counts]

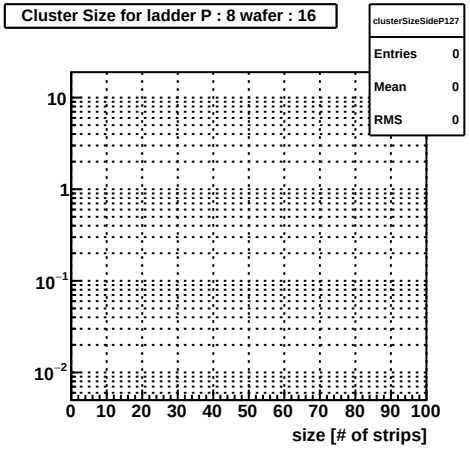

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

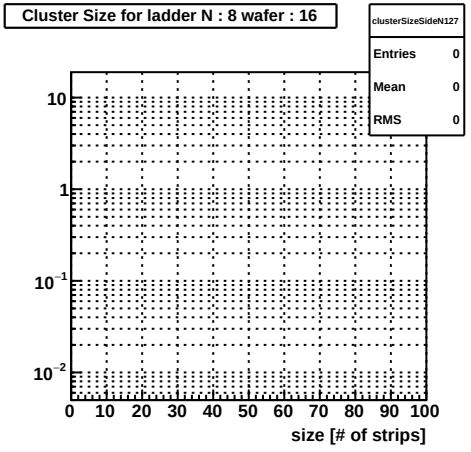

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

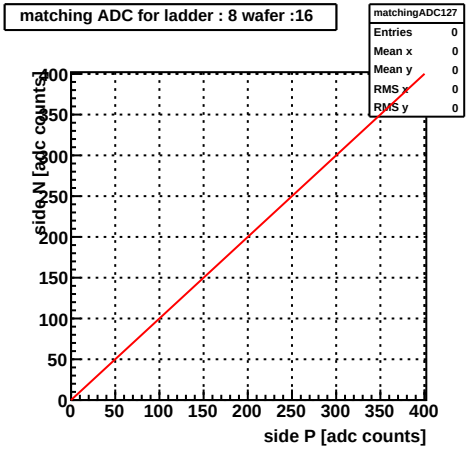

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

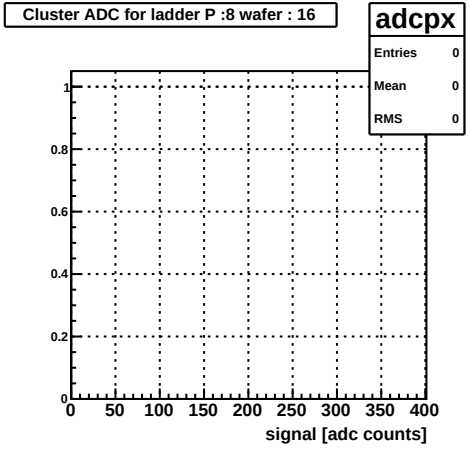

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

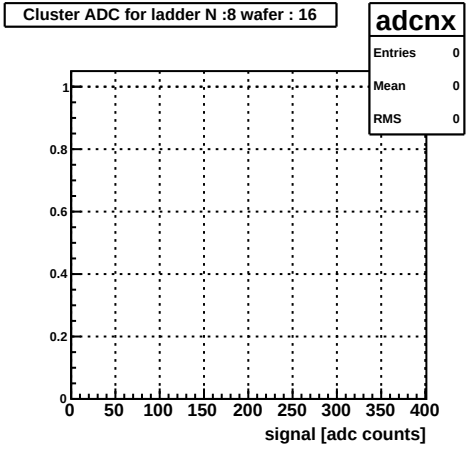

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

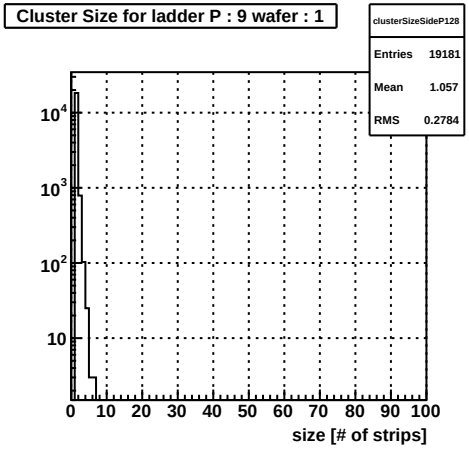

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

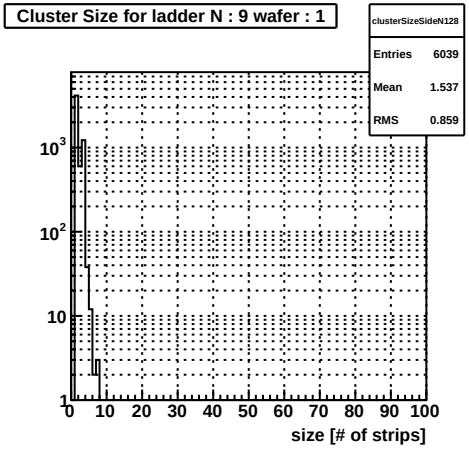

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

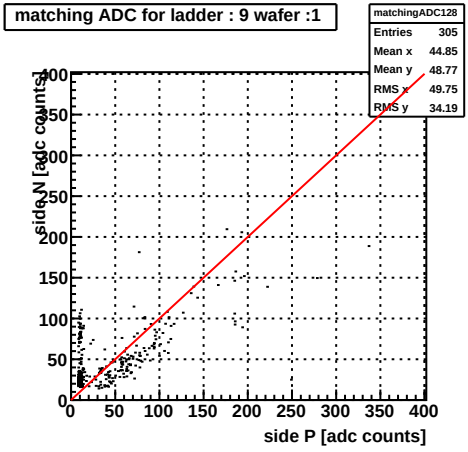

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

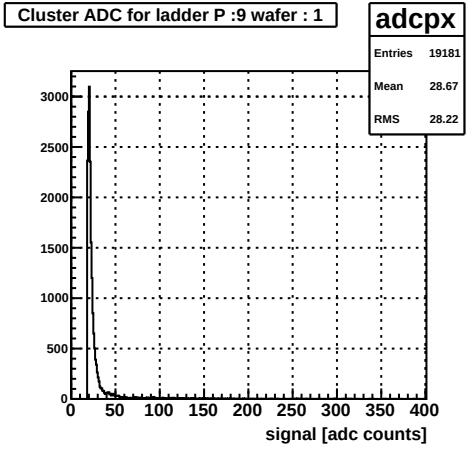

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

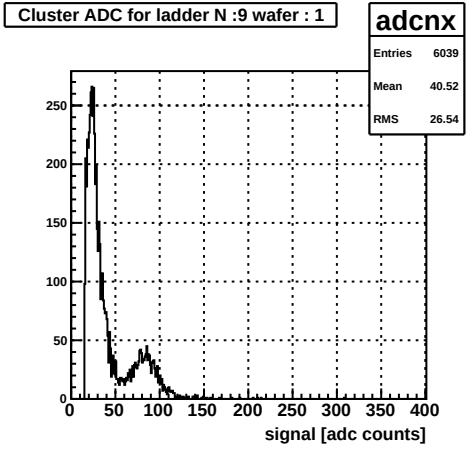

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

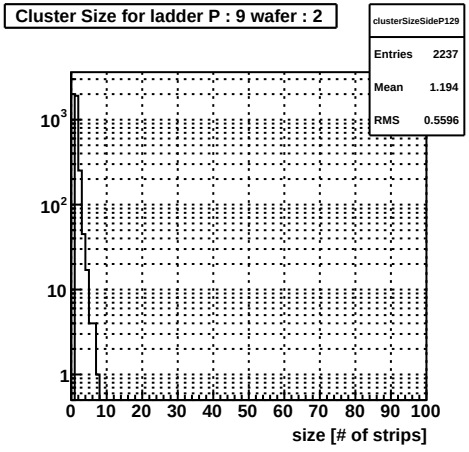

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 19181
Mean 1.057
RMS 0.2784
size [# of strips]

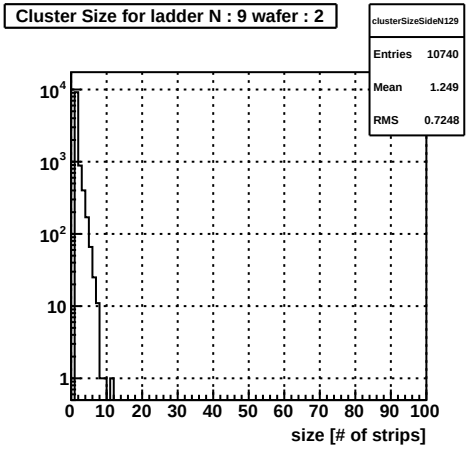

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 6039
Mean 1.537
RMS 0.859
size [# of strips]

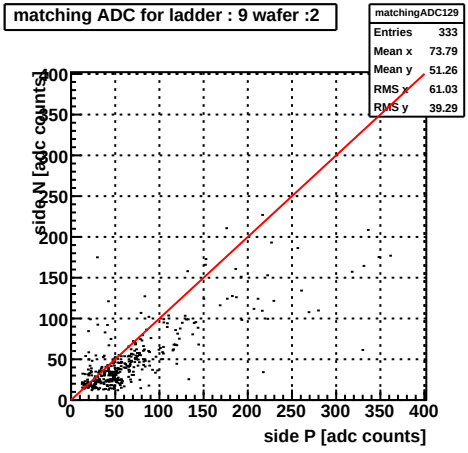

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 305
Mean x 44.85
Mean y 48.77
RMS x 49.75
RMS y 34.19
side N [adc counts]
side P [adc counts]

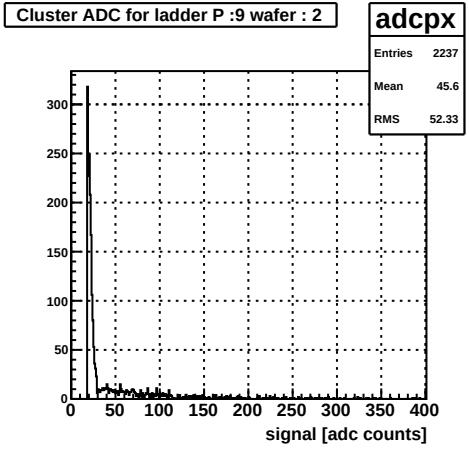

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 19181
Mean 28.67
RMS 28.22
signal [adc counts]

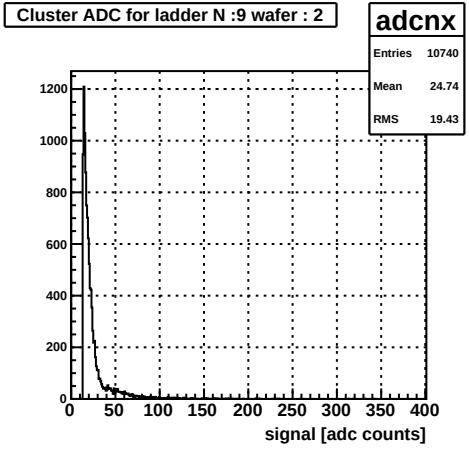

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 6039
Mean 40.52
RMS 26.54
signal [adc counts]

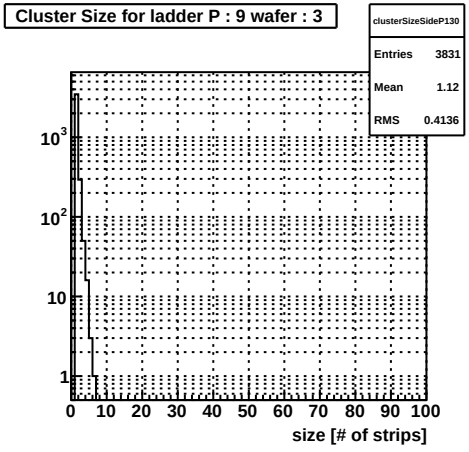

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2237
Mean 1.194
RMS 0.5596
size [# of strips]

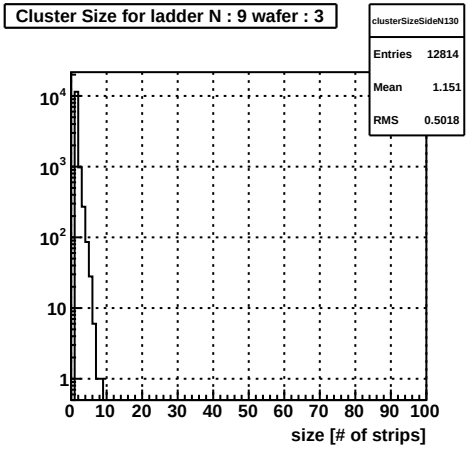

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 10740
Mean 1.249
RMS 0.7248
size [# of strips]

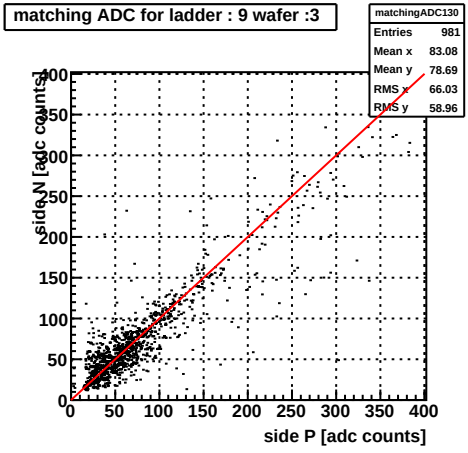

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 333
Mean x 73.79
Mean y 51.26
RMS x 61.03
RMS y 39.29
side N [adc counts]
side P [adc counts]

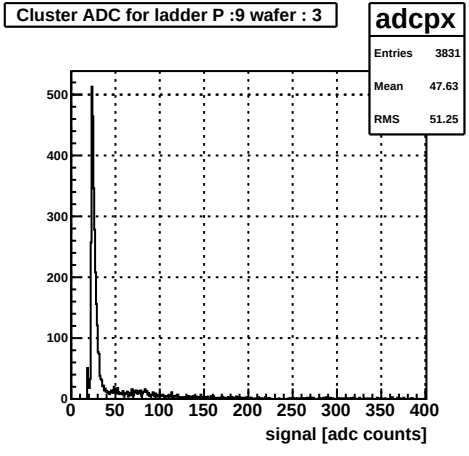

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2237
Mean 45.6
RMS 52.33
signal [adc counts]

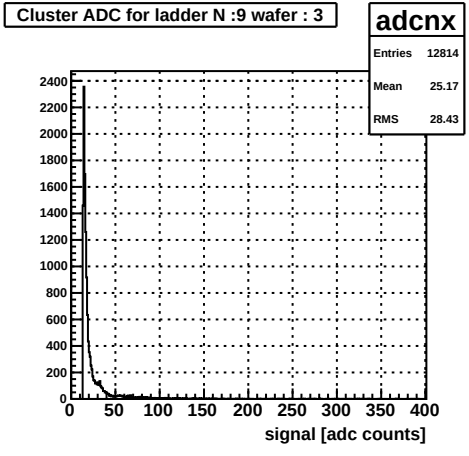

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 10740
Mean 24.74
RMS 19.43
signal [adc counts]

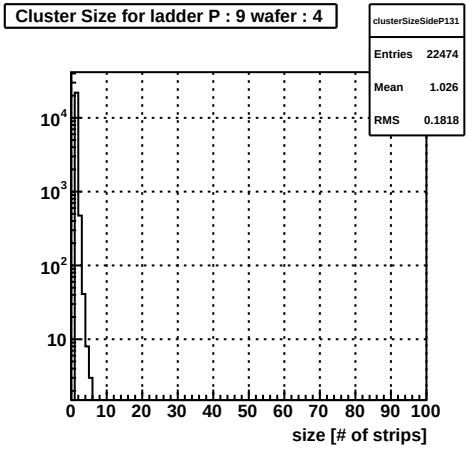

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3831
Mean 1.12
RMS 0.4136
size [# of strips]

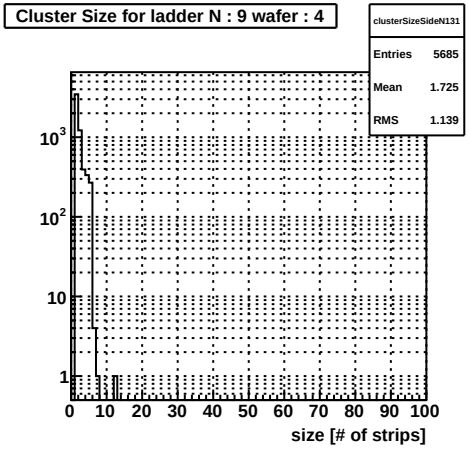

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 12814
Mean 1.151
RMS 0.5018
size [# of strips]

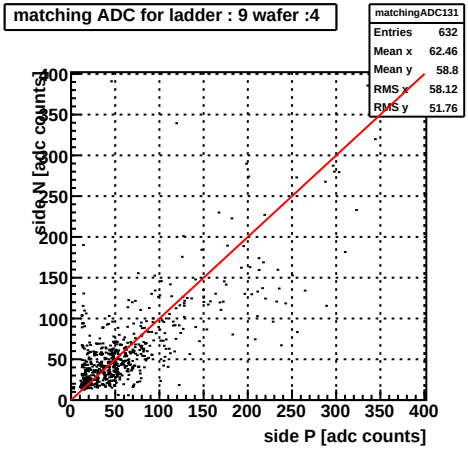

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 981
Mean x 83.08
Mean y 78.69
RMS x 66.03
RMS y 58.96
side N [adc counts]
side P [adc counts]

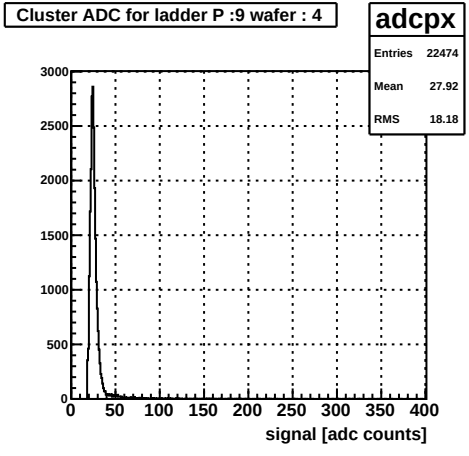

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3831
Mean 47.63
RMS 51.25
signal [adc counts]

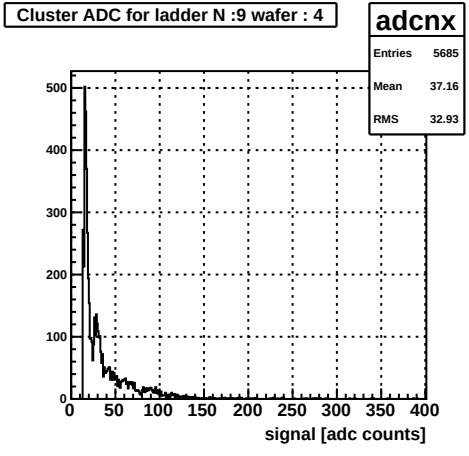

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 12814
Mean 25.17
RMS 28.43
signal [adc counts]

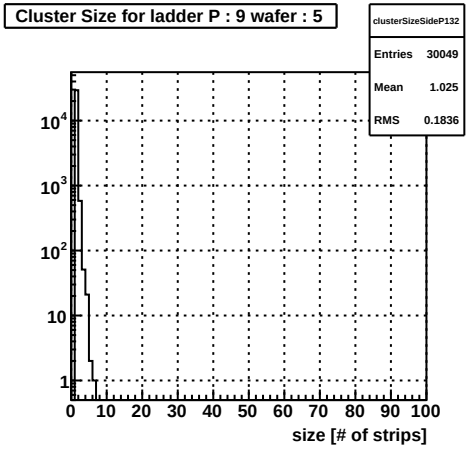

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 22474
Mean 1.026
RMS 0.1818
size [# of strips]

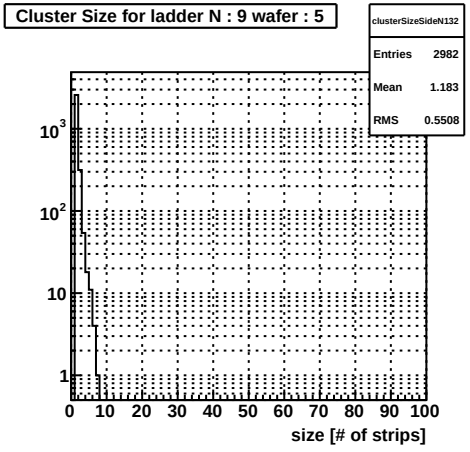

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5685
Mean 1.725
RMS 1.139
size [# of strips]

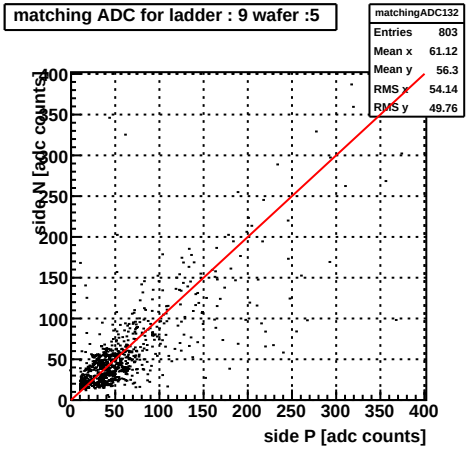

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 632
Mean x 62.46
Mean y 58.8
RMS x 58.12
RMS y 51.76
side N [adc counts]
side P [adc counts]

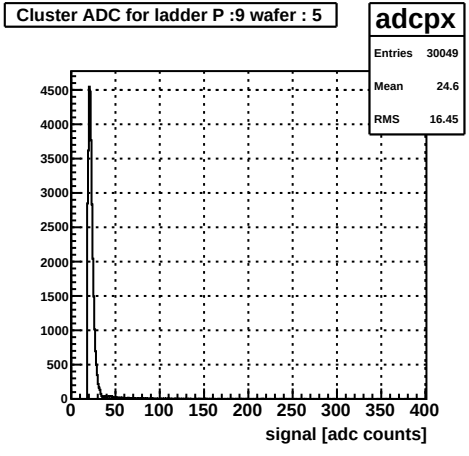

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 22474
Mean 27.92
RMS 18.18
signal [adc counts]

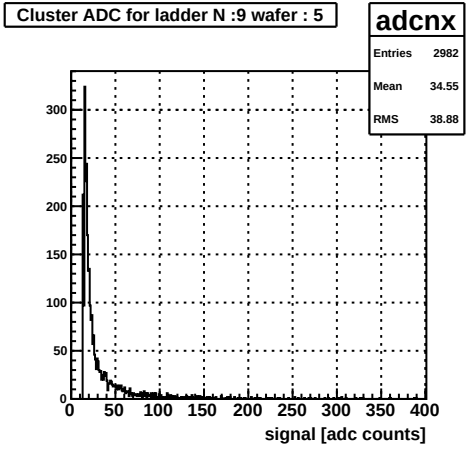

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5685
Mean 37.16
RMS 32.93
signal [adc counts]

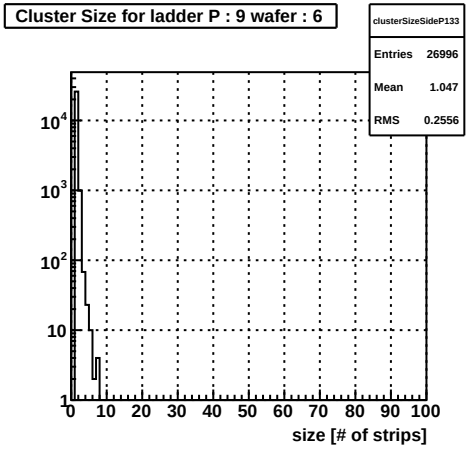

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 30049
Mean 1.025
RMS 0.1836
size [# of strips]

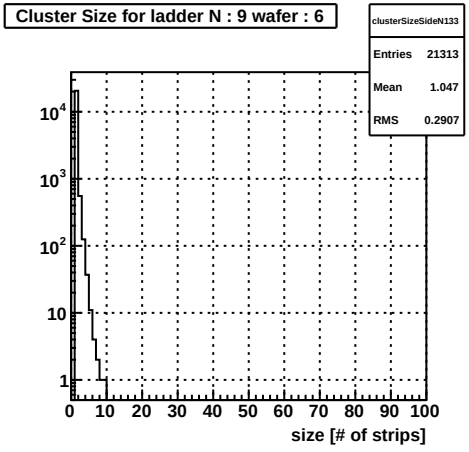

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2982
Mean 1.183
RMS 0.5508
size [# of strips]

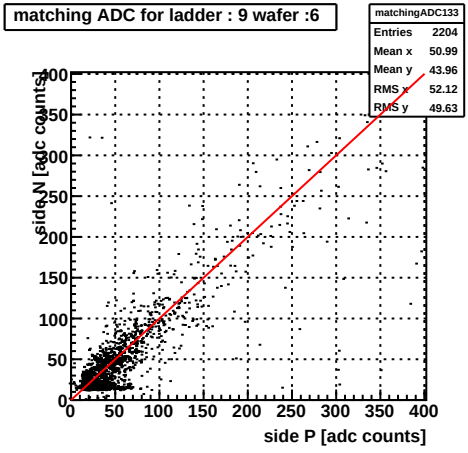

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 803
Mean x 61.12
Mean y 56.3
RMS x 54.14
RMS y 49.76
side N [adc counts]
side P [adc counts]

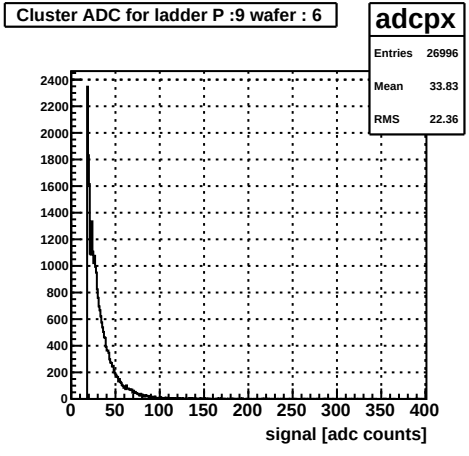

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 30049
Mean 24.6
RMS 16.45
signal [adc counts]

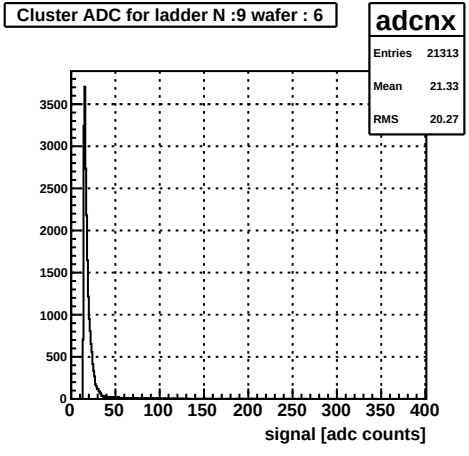

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2982
Mean 34.55
RMS 38.88
signal [adc counts]

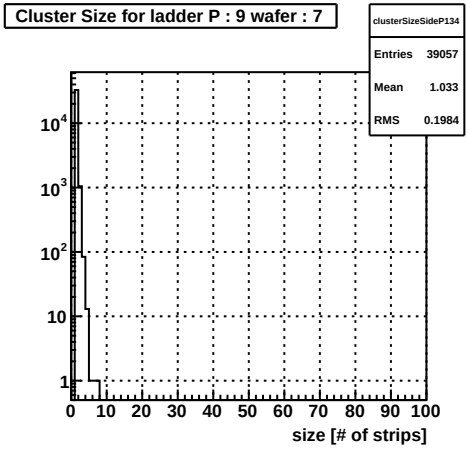

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26996
Mean 1.047
RMS 0.2556
size [# of strips]

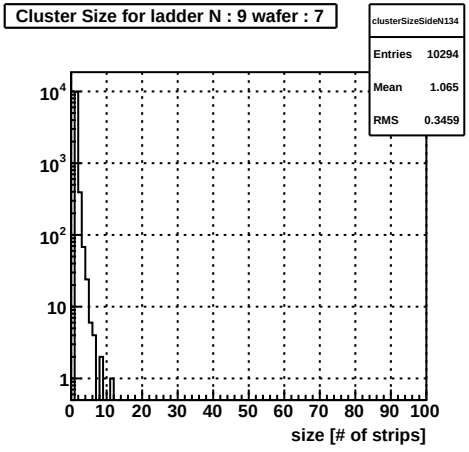

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 21313
Mean 1.047
RMS 0.2907
size [# of strips]

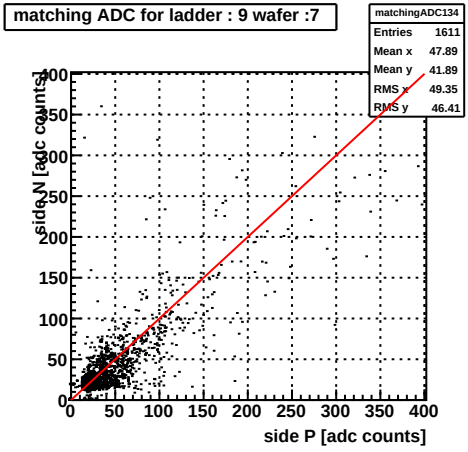

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2204
Mean x 50.99
Mean y 43.96
RMS x 52.12
RMS y 49.63
side N [adc counts]
side P [adc counts]

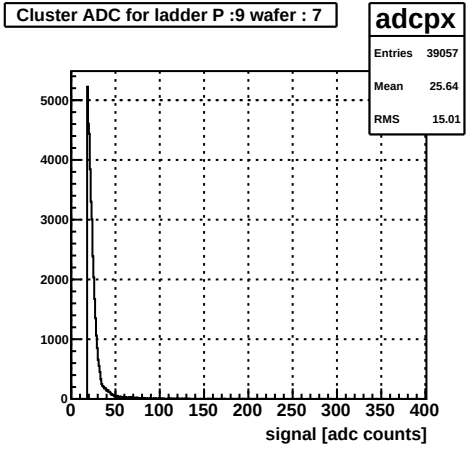

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26996
Mean 33.83
RMS 22.36
signal [adc counts]

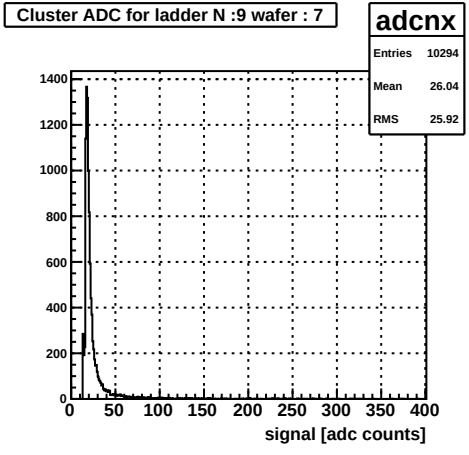

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 21313
Mean 21.33
RMS 20.27
signal [adc counts]

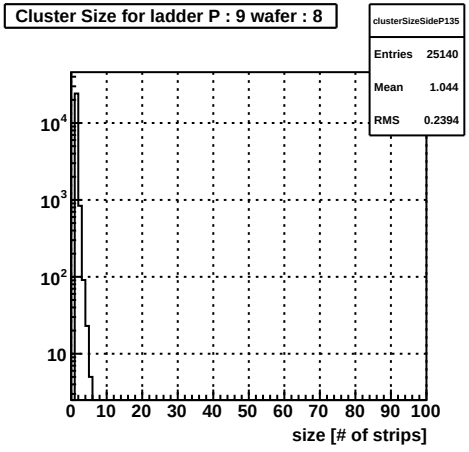

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 39057
Mean 1.033
RMS 0.1984
size [# of strips]

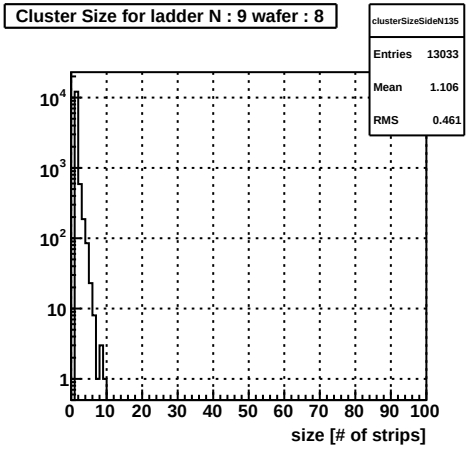

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 10294
Mean 1.065
RMS 0.3459
size [# of strips]

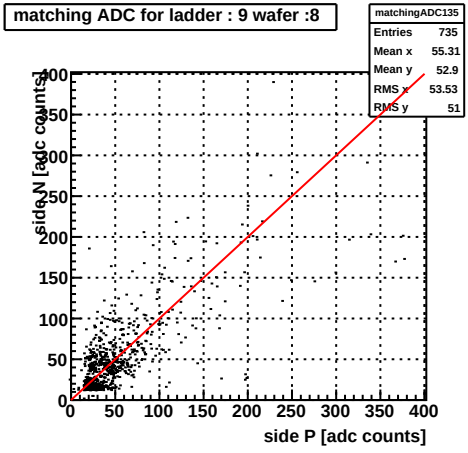

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1611
Mean x 47.89
Mean y 41.89
RMS x 49.35
RMS y 46.41
side N [adc counts]
side P [adc counts]

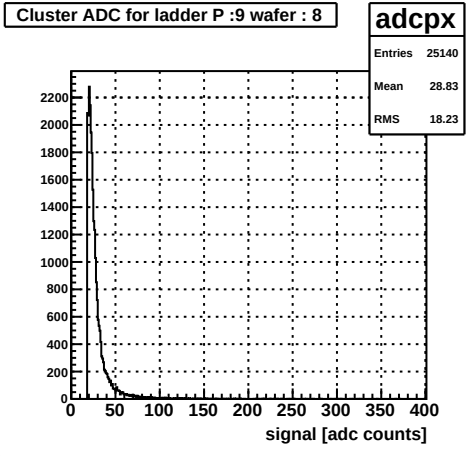

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 39057
Mean 25.64
RMS 15.01
signal [adc counts]

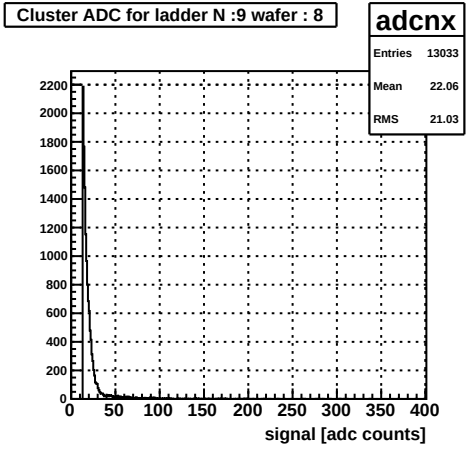

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 10294
Mean 26.04
RMS 25.92
signal [adc counts]

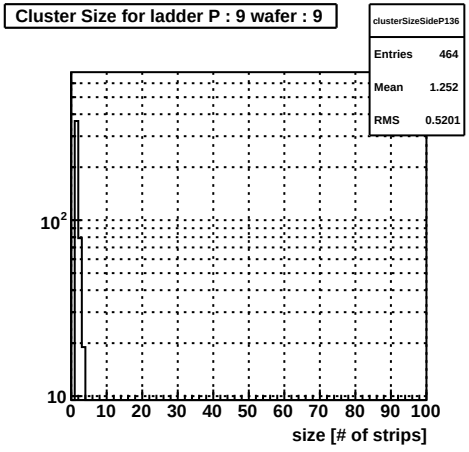

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 25140
Mean 1.044
RMS 0.2394
size [# of strips]

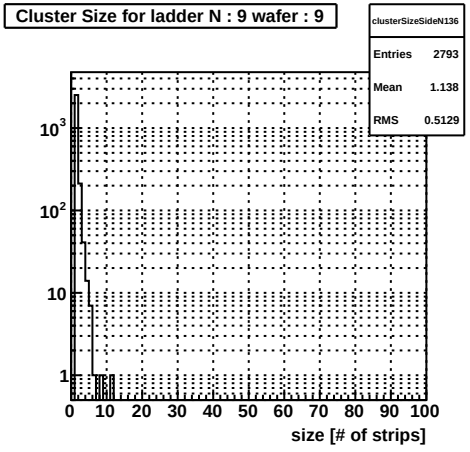

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 13033
Mean 1.106
RMS 0.461
size [# of strips]

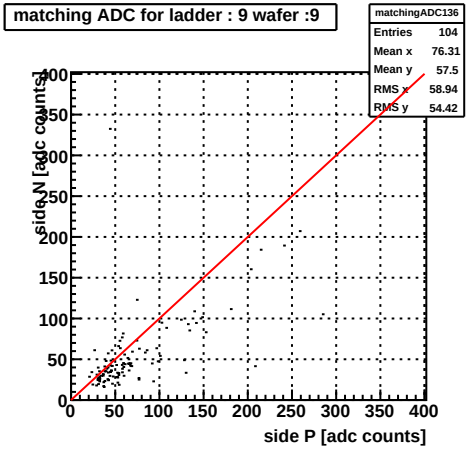

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 735
Mean x 55.31
Mean y 52.9
RMS x 53.53
RMS y 51
side N [adc counts]
side P [adc counts]

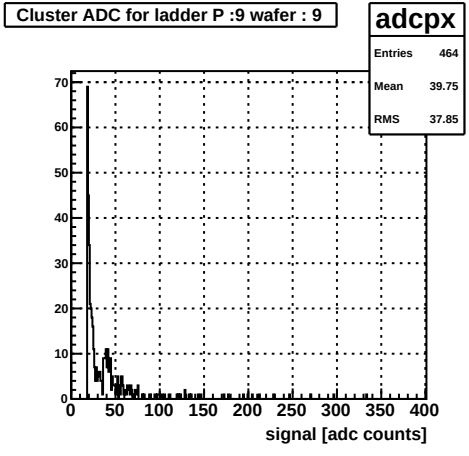

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 25140
Mean 28.83
RMS 18.23
signal [adc counts]

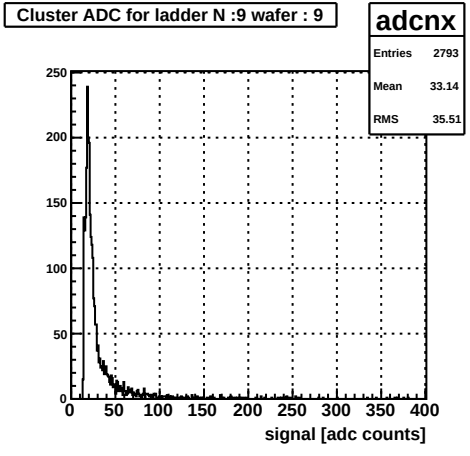

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 13033
Mean 22.06
RMS 21.03
signal [adc counts]

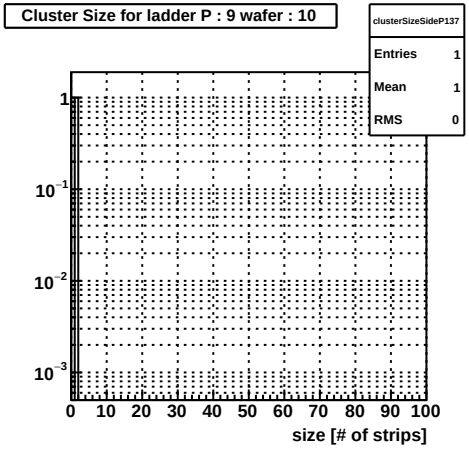

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 464
Mean 1.252
RMS 0.5201
size [# of strips]

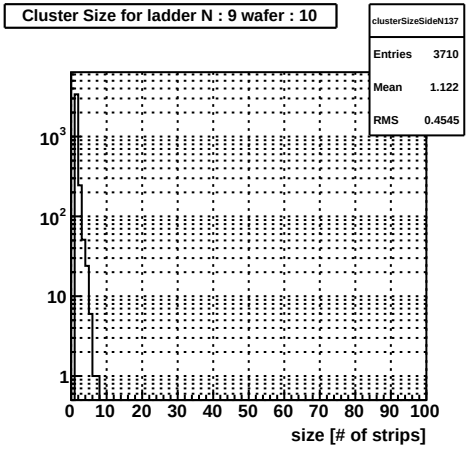

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2793
Mean 1.138
RMS 0.5129
size [# of strips]

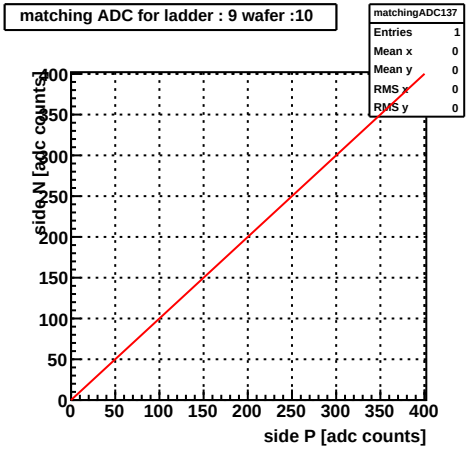

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 104
Mean x 76.31
Mean y 57.5
RMS x 58.94
RMS y 54.42
side N [adc counts]
side P [adc counts]

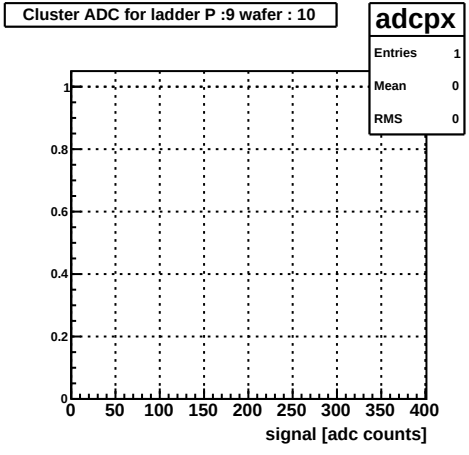

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 464
Mean 39.75
RMS 37.85
signal [adc counts]

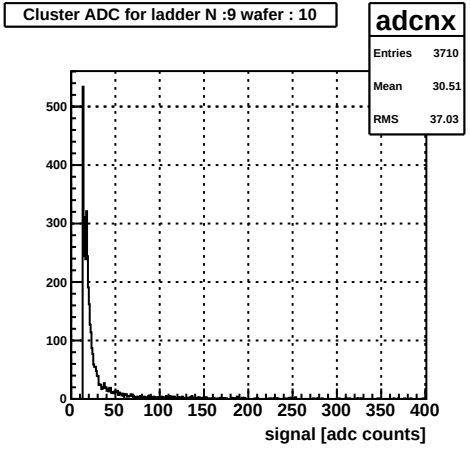

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2793
Mean 33.14
RMS 35.51
signal [adc counts]

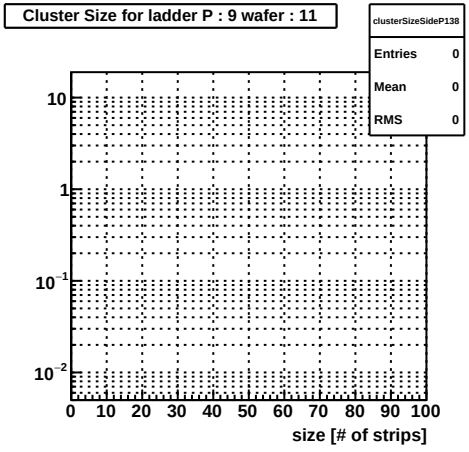

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

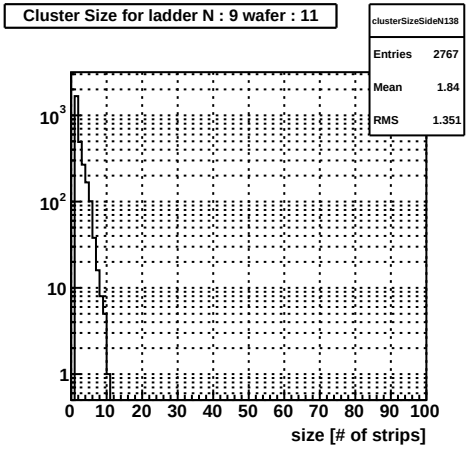

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3710
Mean 1.122
RMS 0.4545
size [# of strips]

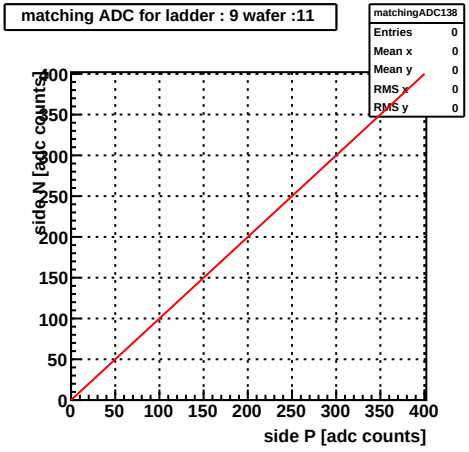

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

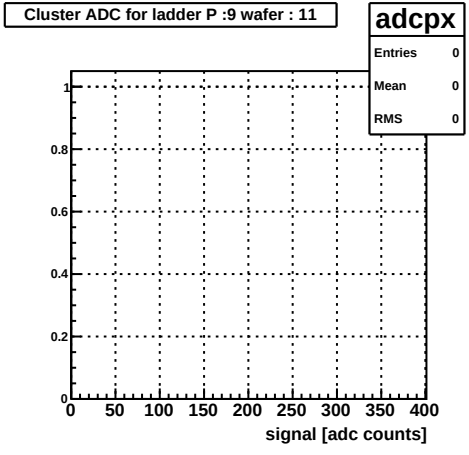

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

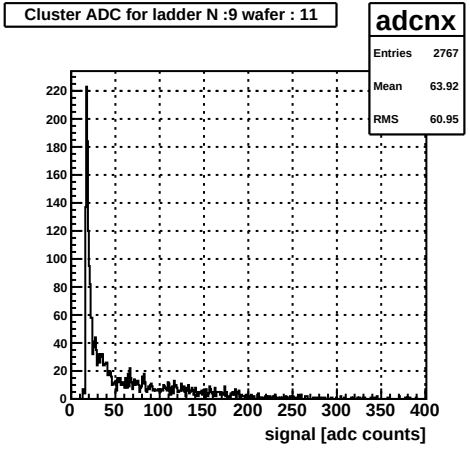

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3710
Mean 30.51
RMS 37.03
signal [adc counts]

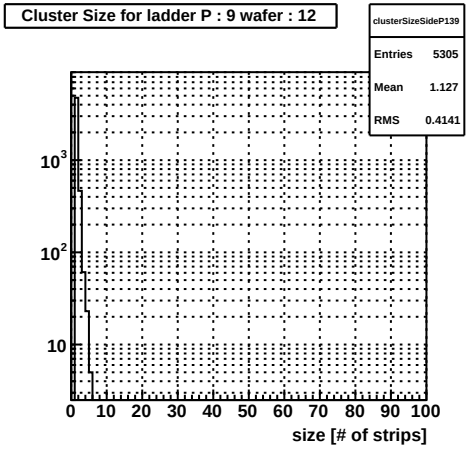

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

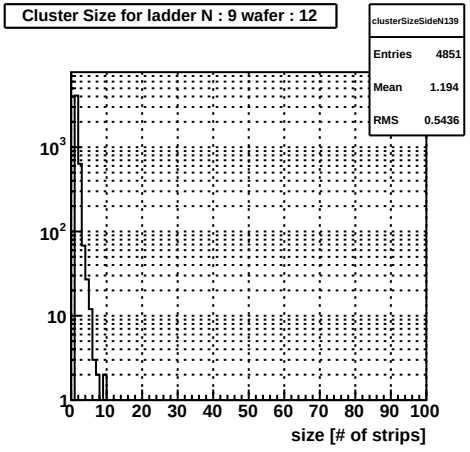

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2767
Mean 1.84
RMS 1.351
size [# of strips]

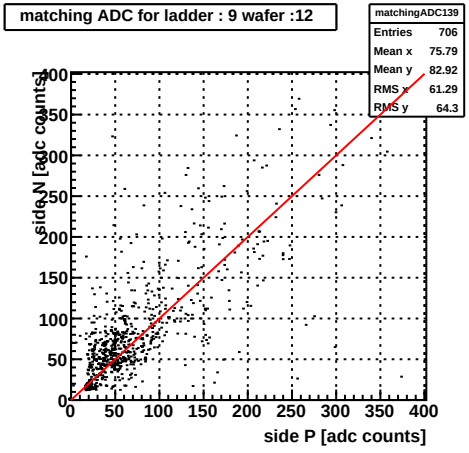

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

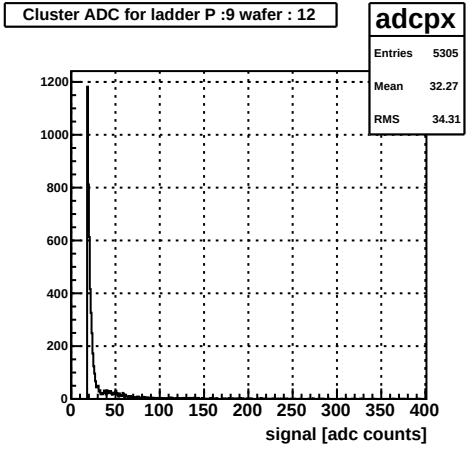

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

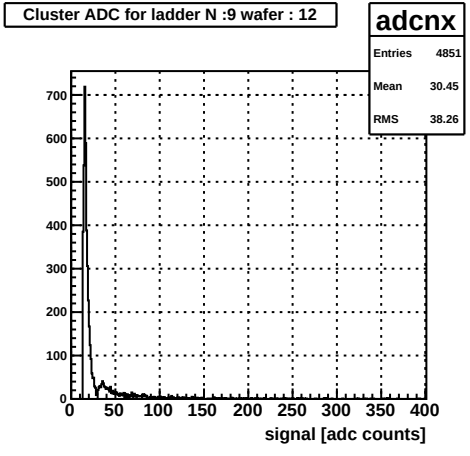

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2767
Mean 63.92
RMS 60.95
signal [adc counts]

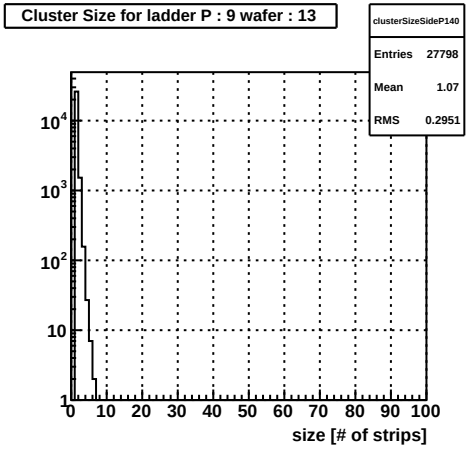

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5305
Mean 1.127
RMS 0.4141
size [# of strips]

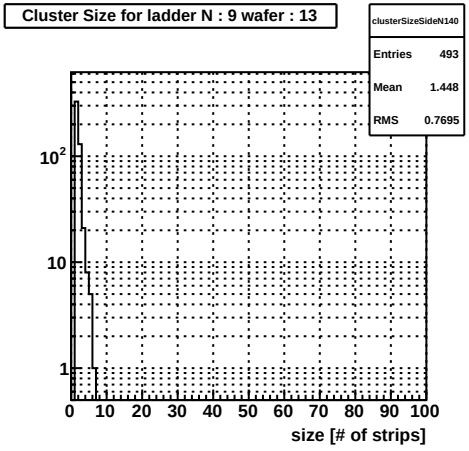

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4851
Mean 1.194
RMS 0.5436
size [# of strips]

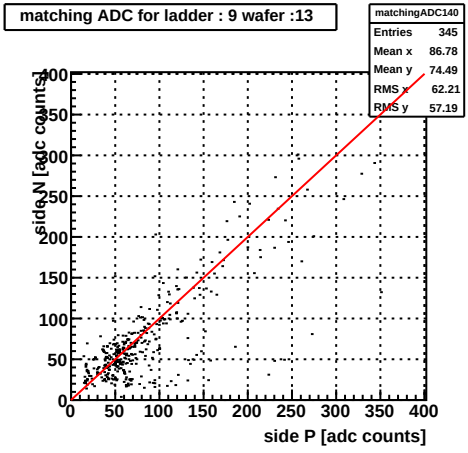

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 706
Mean x 75.79
Mean y 82.92
RMS x 61.29
RMS y 64.3
side N [adc counts]
side P [adc counts]

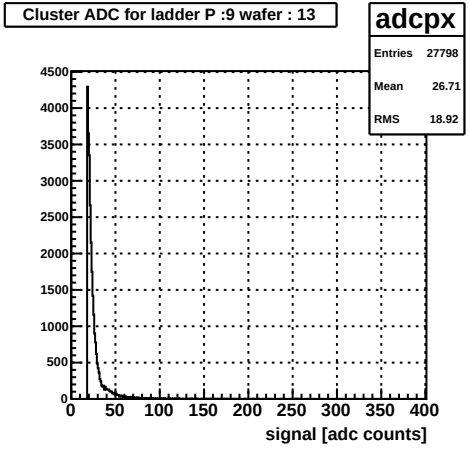

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5305
Mean 32.27
RMS 34.31
signal [adc counts]

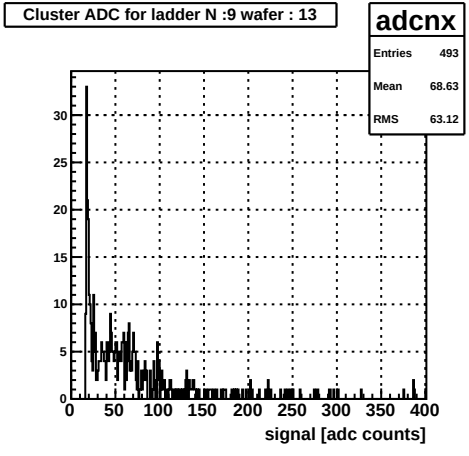

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4851
Mean 30.45
RMS 38.26
signal [adc counts]

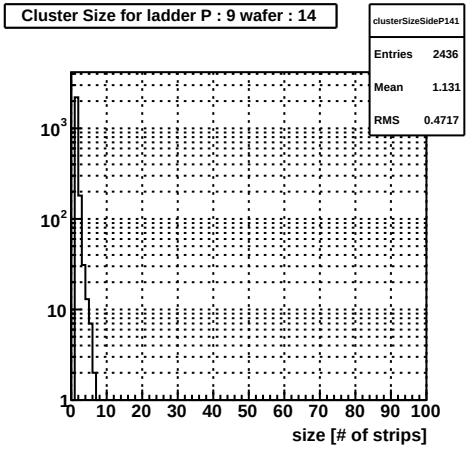

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 27798
Mean 1.07
RMS 0.2951
size [# of strips]

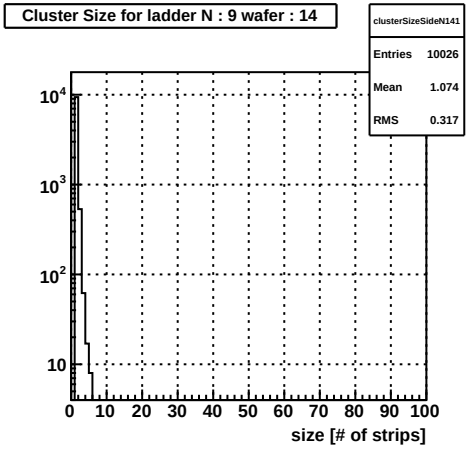

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 493
Mean 1.448
RMS 0.7695
size [# of strips]

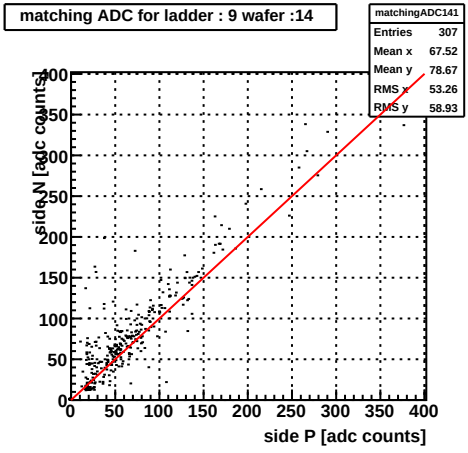

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 345
Mean x 86.78
Mean y 74.49
RMS x 62.21
RMS y 57.19
side N [adc counts]
side P [adc counts]

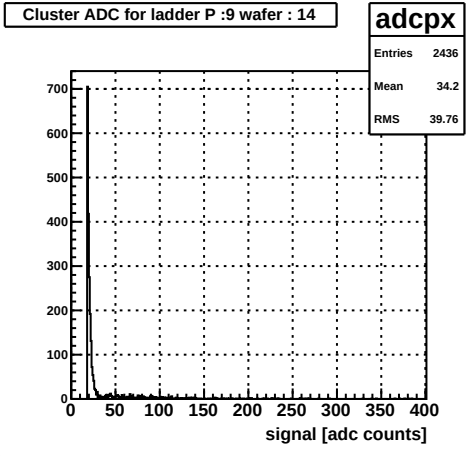

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 27798
Mean 26.71
RMS 18.92
signal [adc counts]

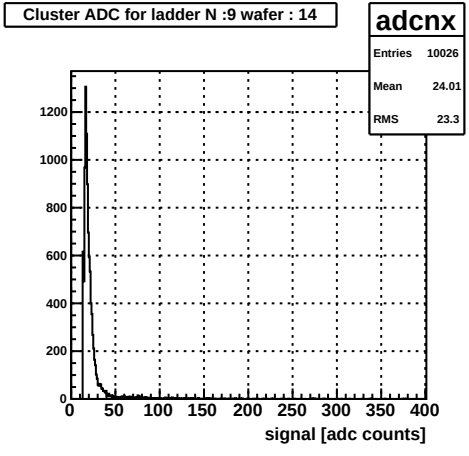

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 493
Mean 68.63
RMS 63.12
signal [adc counts]

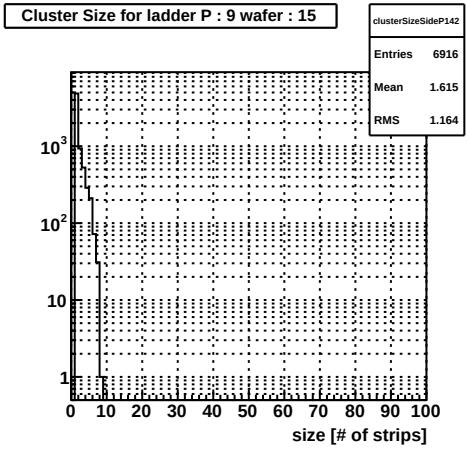

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2436
Mean 1.131
RMS 0.4717
size [# of strips]

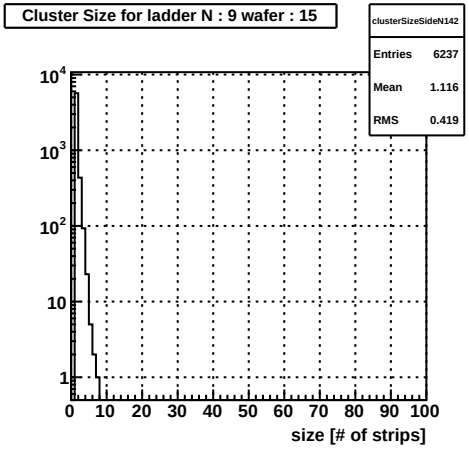

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 10026
Mean 1.074
RMS 0.317
size [# of strips]

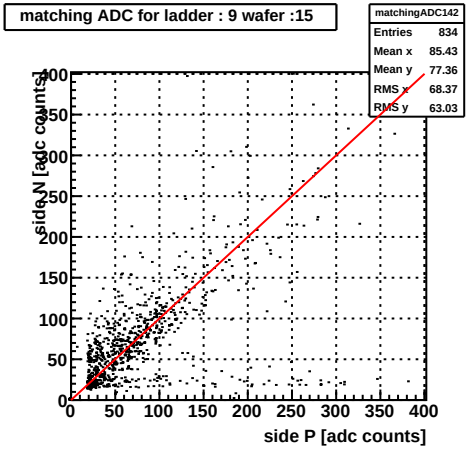

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 307
Mean x 67.52
Mean y 78.67
RMS x 53.26
RMS y 58.93
side N [adc counts]
side P [adc counts]

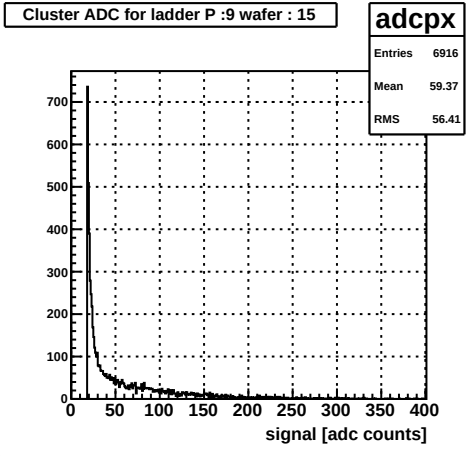

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2436
Mean 34.2
RMS 39.76
signal [adc counts]

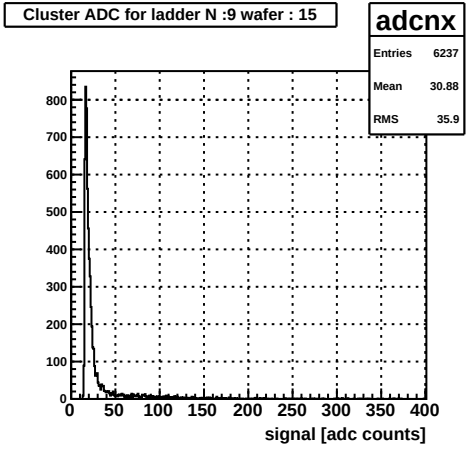

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 10026
Mean 24.01
RMS 23.3
signal [adc counts]

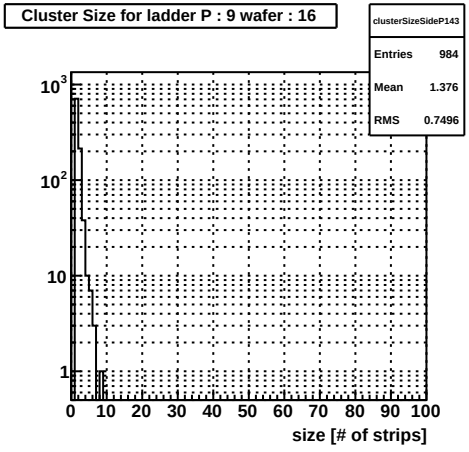

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 6916
Mean 1.615
RMS 1.164
size [# of strips]

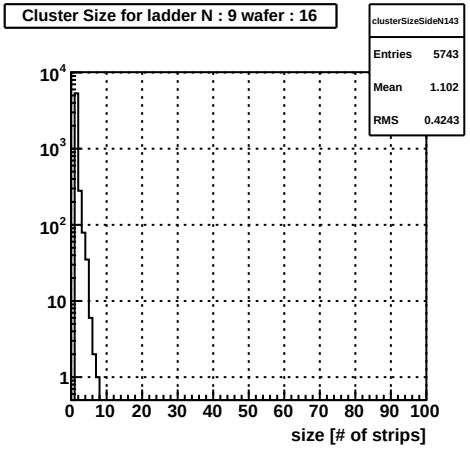

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 6237
Mean 1.116
RMS 0.419
size [# of strips]

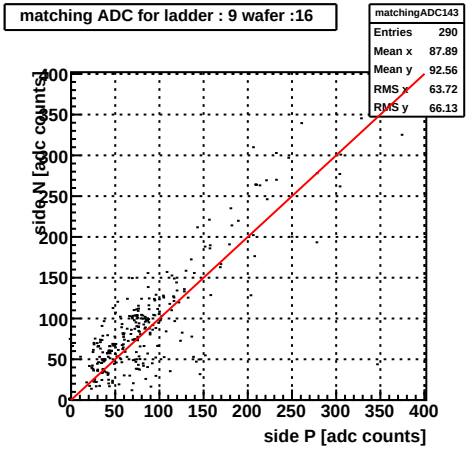

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 834
Mean x 85.43
Mean y 77.36
RMS x 68.37
RMS y 63.03
side N [adc counts]
side P [adc counts]

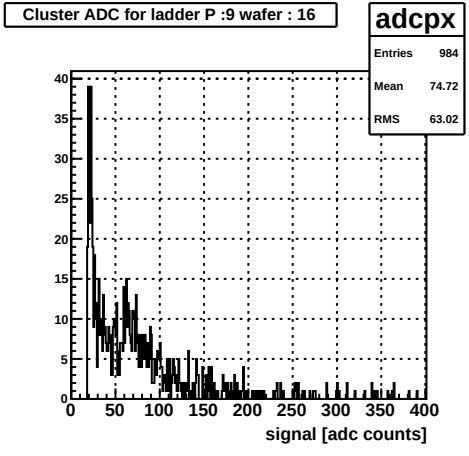

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 6916
Mean 59.37
RMS 56.41
signal [adc counts]

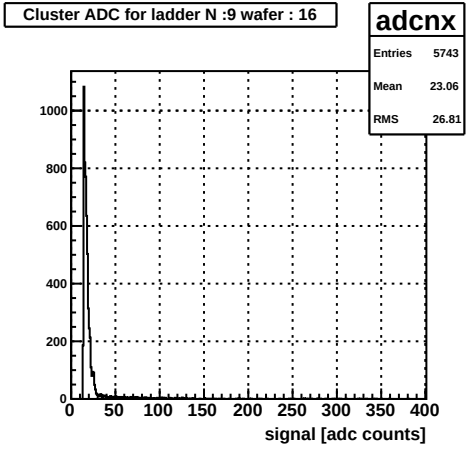

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 6237
Mean 30.88
RMS 35.9
signal [adc counts]

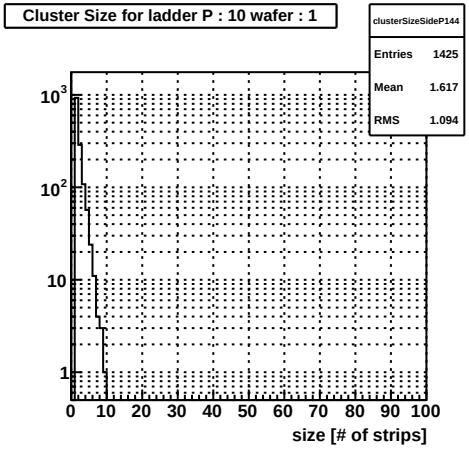

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 984
Mean 1.376
RMS 0.7496
size [# of strips]

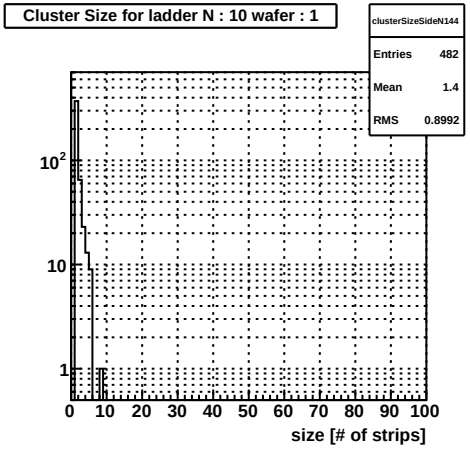

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 5743
Mean 1.102
RMS 0.4243
size [# of strips]

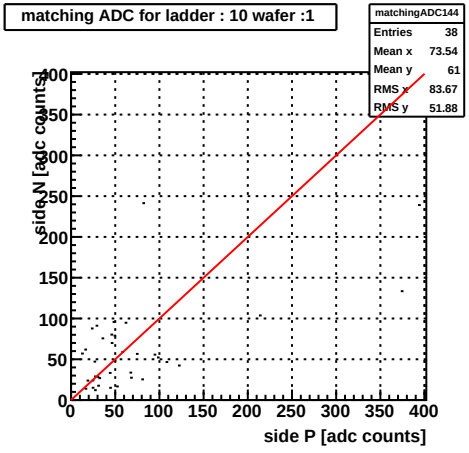

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 290
Mean x 87.89
Mean y 92.56
RMS x 63.72
RMS y 66.13
side N [adc counts]
side P [adc counts]

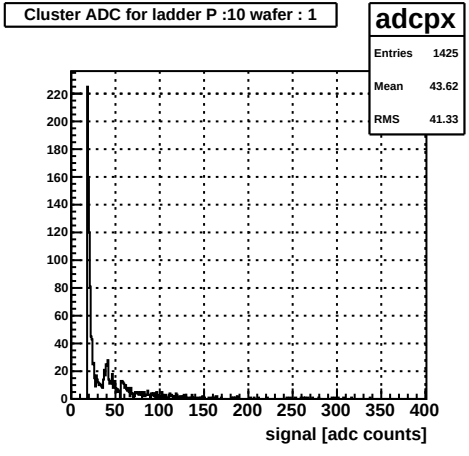

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 984
Mean 74.72
RMS 63.02
signal [adc counts]

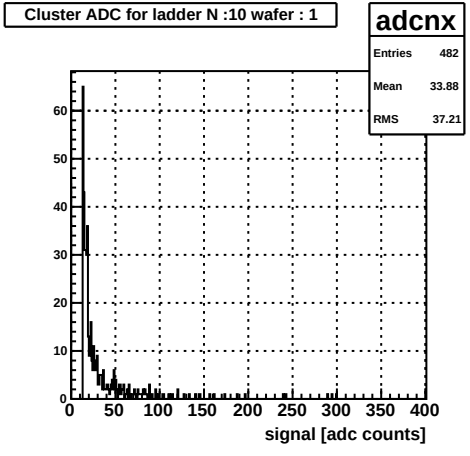

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 5743
Mean 23.06
RMS 26.81
signal [adc counts]

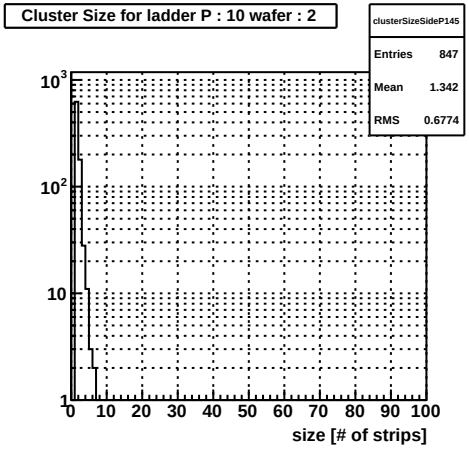

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1425
Mean 1.617
RMS 1.094
size [# of strips]

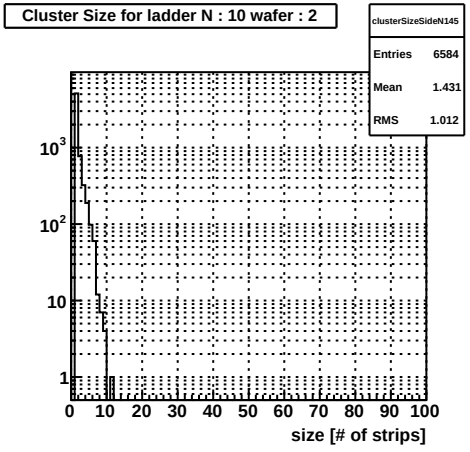

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 482
Mean 1.4
RMS 0.8992
size [# of strips]

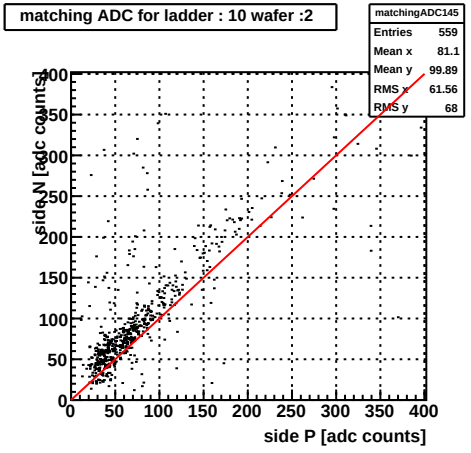

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 38
Mean x 73.54
Mean y 61
RMS x 83.67
RMS y 51.88
side N [adc counts]
side P [adc counts]

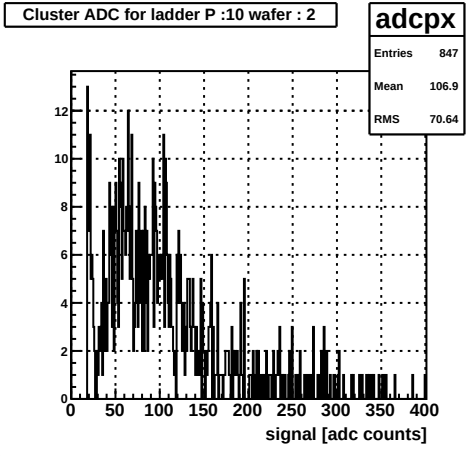

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1425
Mean 43.62
RMS 41.33
signal [adc counts]

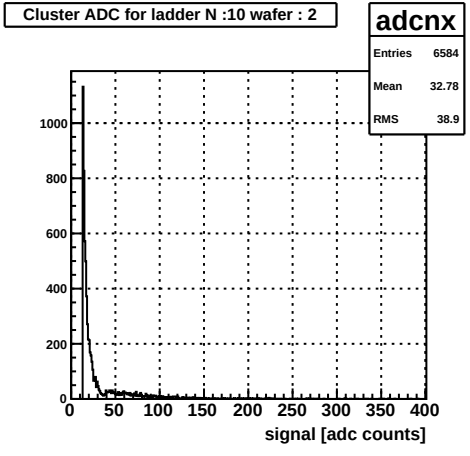

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 482
Mean 33.88
RMS 37.21
signal [adc counts]

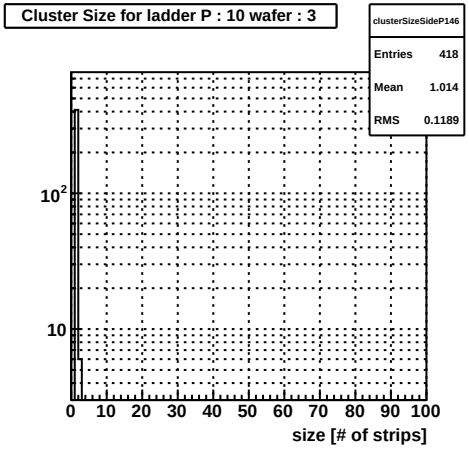

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 847
Mean 1.342
RMS 0.6774
size [# of strips]

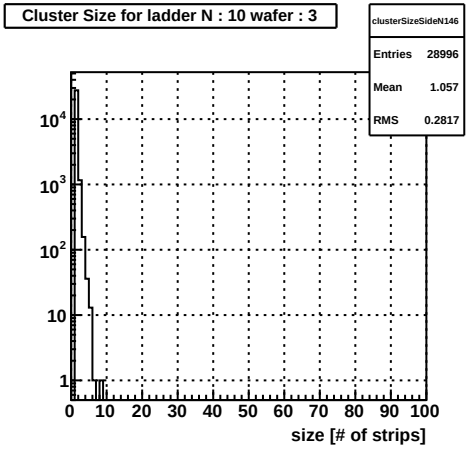

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 6584
Mean 1.431
RMS 1.012
size [# of strips]

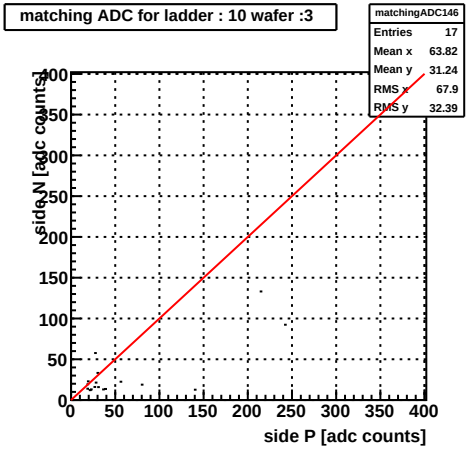

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 559
Mean x 81.1
Mean y 99.89
RMS x 61.56
RMS y 68
side N [adc counts]
side P [adc counts]

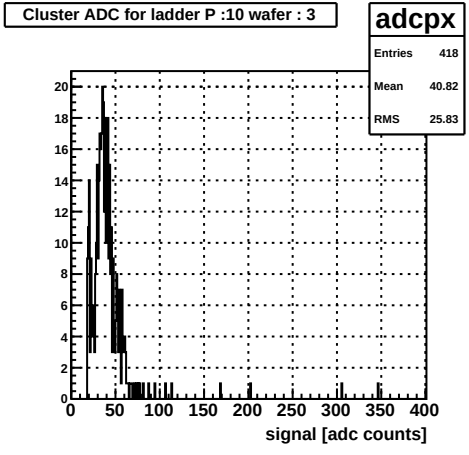

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 847
Mean 106.9
RMS 70.64
signal [adc counts]

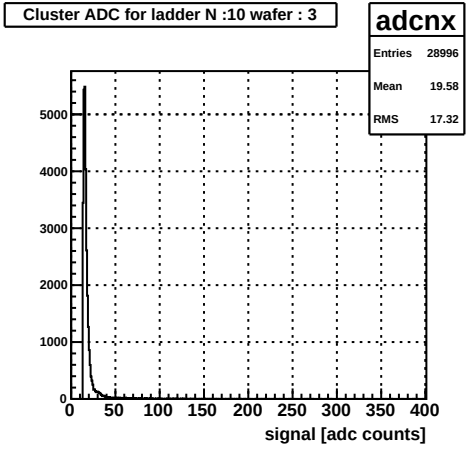

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 6584
Mean 32.78
RMS 38.9
signal [adc counts]

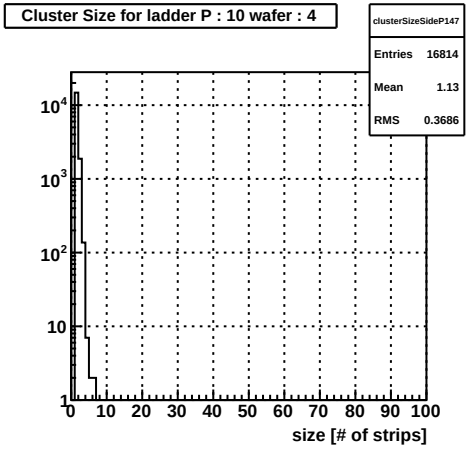

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 418
Mean 1.014
RMS 0.1189
size [# of strips]

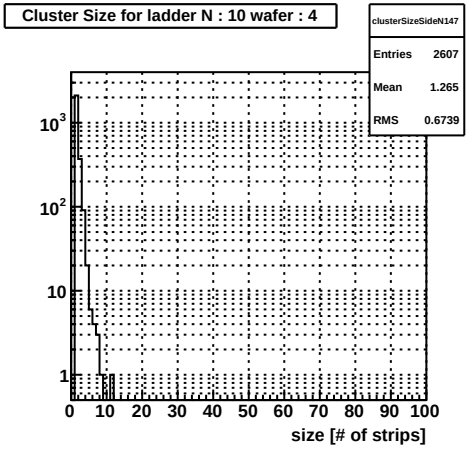

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 28996
Mean 1.057
RMS 0.2817
size [# of strips]

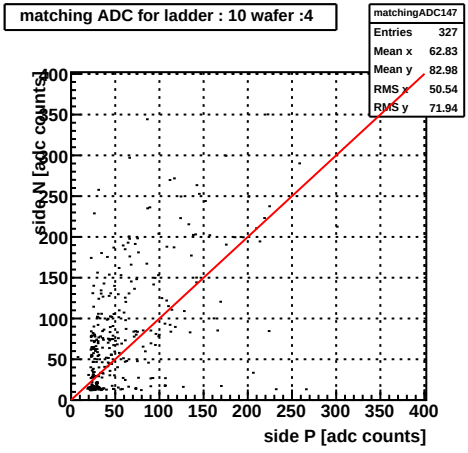

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 17
Mean x 63.82
Mean y 31.24
RMS x 67.9
RMS y 32.39
side N [adc counts]
side P [adc counts]

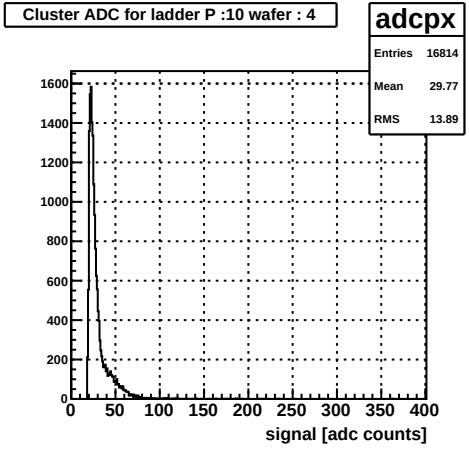

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 418
Mean 40.82
RMS 25.83
signal [adc counts]

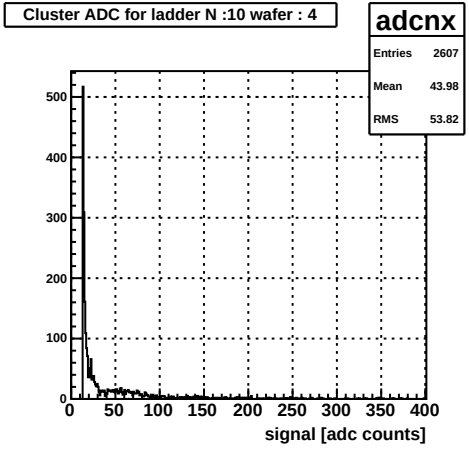

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 28996
Mean 19.58
RMS 17.32
signal [adc counts]

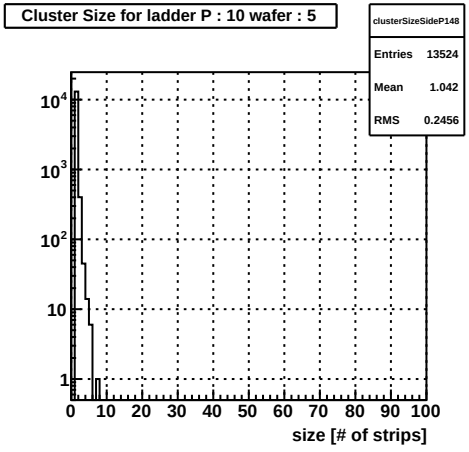

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 16814
Mean 1.13
RMS 0.3686
size [# of strips]

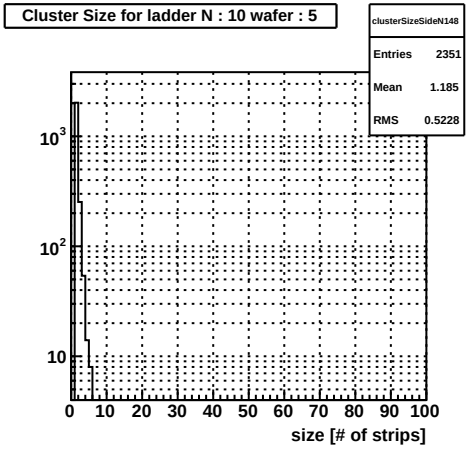

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2607
Mean 1.265
RMS 0.6739
size [# of strips]

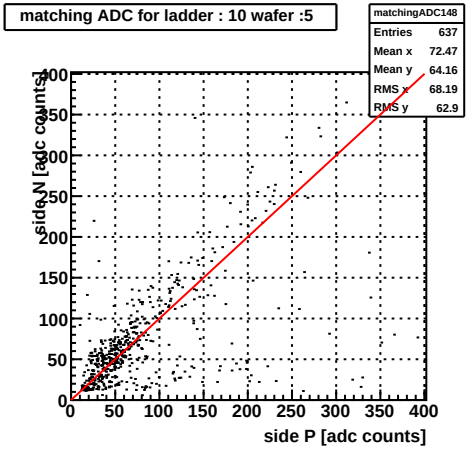

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 327
Mean x 62.83
Mean y 82.98
RMS x 50.54
RMS y 71.94
side N [adc counts]
side P [adc counts]

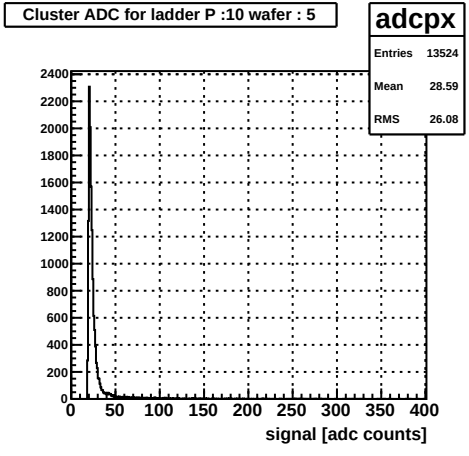

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 16814
Mean 29.77
RMS 13.89
signal [adc counts]

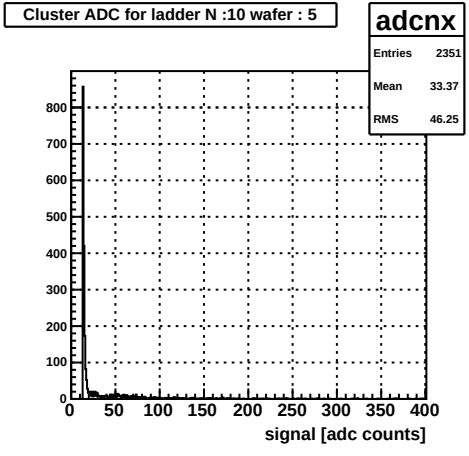

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2607
Mean 43.98
RMS 53.82
signal [adc counts]

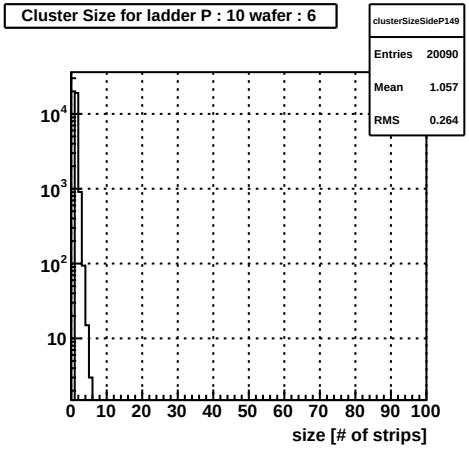

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 13524
Mean 1.042
RMS 0.2456
size [# of strips]

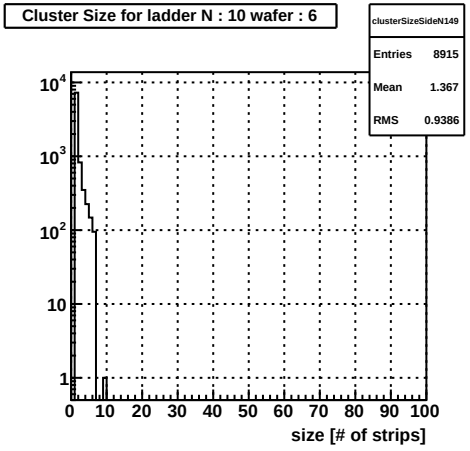

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2351
Mean 1.185
RMS 0.5228
size [# of strips]

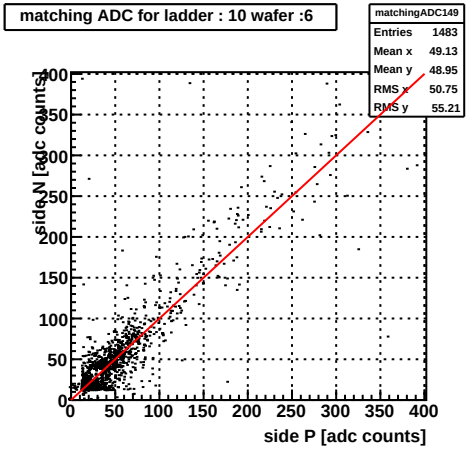

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 637
Mean x 72.47
Mean y 64.16
RMS x 68.19
RMS y 62.9
side N [adc counts]
side P [adc counts]

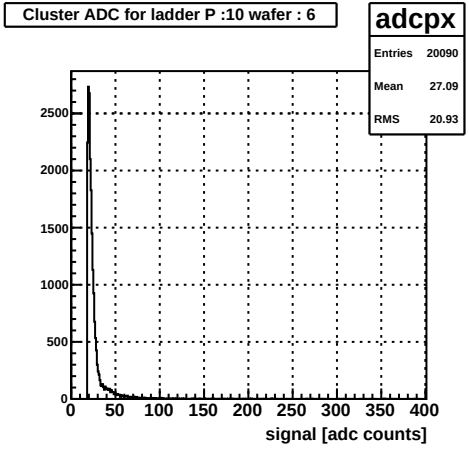

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 13524
Mean 28.59
RMS 26.08
signal [adc counts]

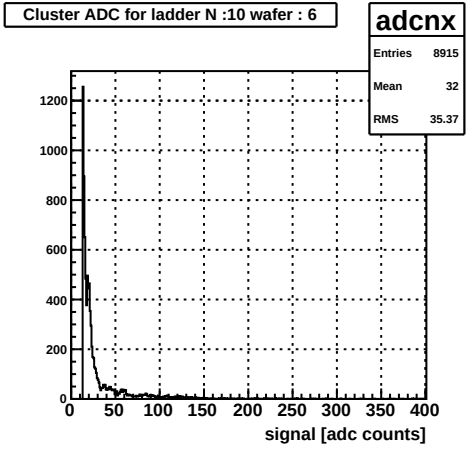

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2351
Mean 33.37
RMS 46.25
signal [adc counts]

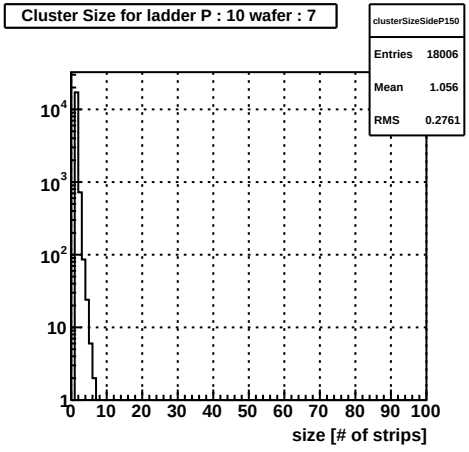

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 20090
Mean 1.057
RMS 0.264
size [# of strips]

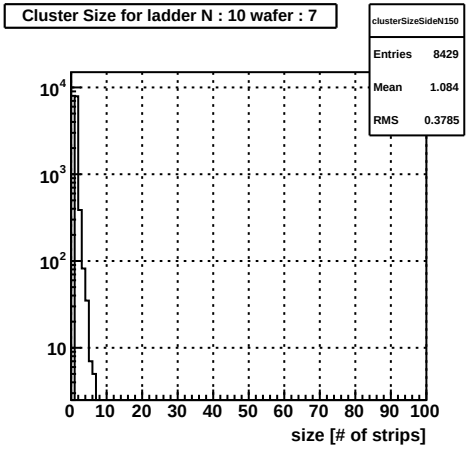

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 8915
Mean 1.367
RMS 0.9386
size [# of strips]

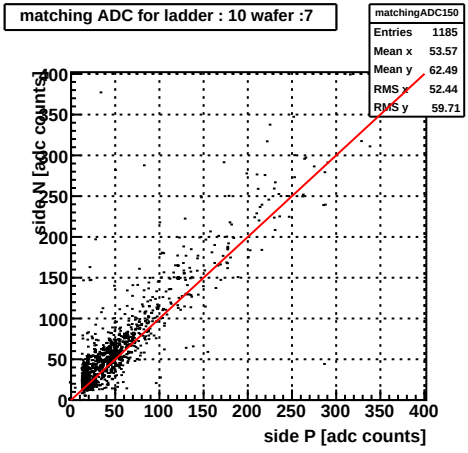

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1483
Mean x 49.13
Mean y 48.95
RMS x 50.75
RMS y 55.21
side N [adc counts]
side P [adc counts]

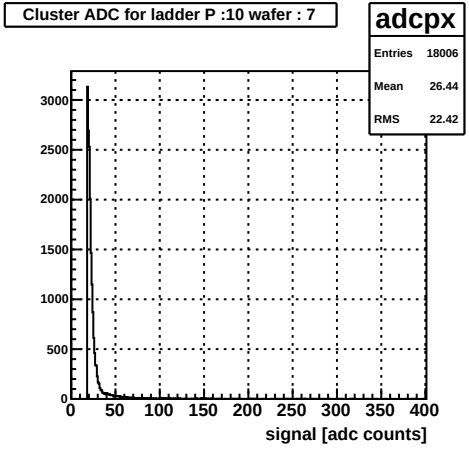

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 20090
Mean 27.09
RMS 20.93
signal [adc counts]

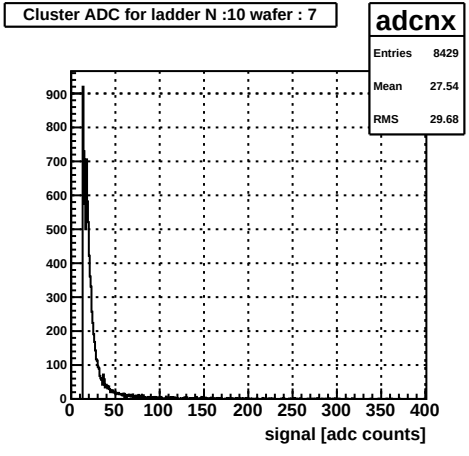

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 8915
Mean 32
RMS 35.37
signal [adc counts]

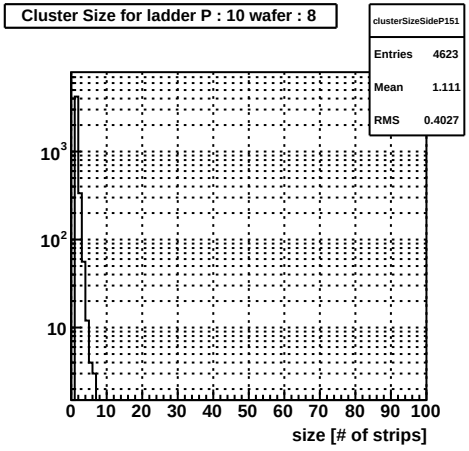

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 18006
Mean 1.056
RMS 0.2761
size [# of strips]

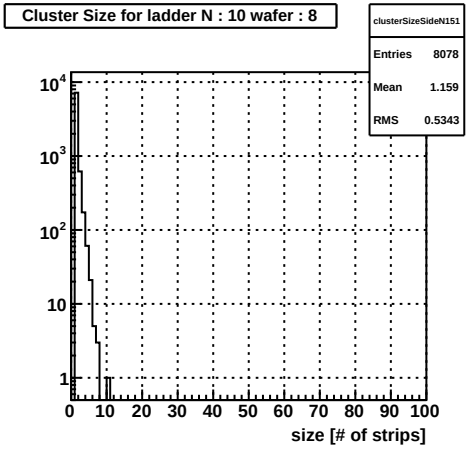

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 8429
Mean 1.084
RMS 0.3785
size [# of strips]

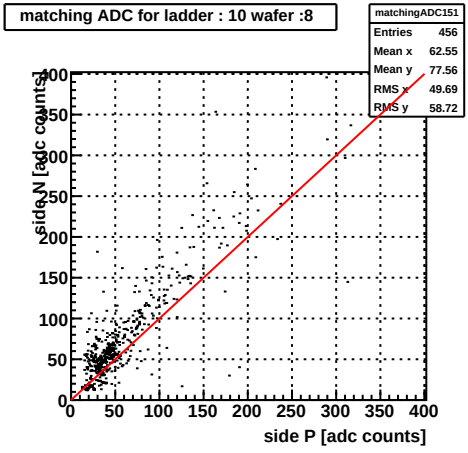

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1185
Mean x 53.57
Mean y 62.49
RMS x 52.44
RMS y 59.71
side N [adc counts]
side P [adc counts]

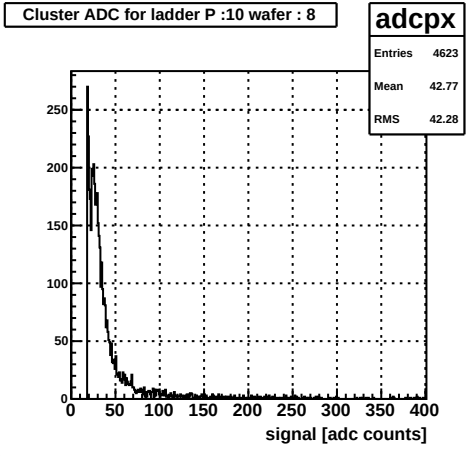

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 18006
Mean 26.44
RMS 22.42
signal [adc counts]

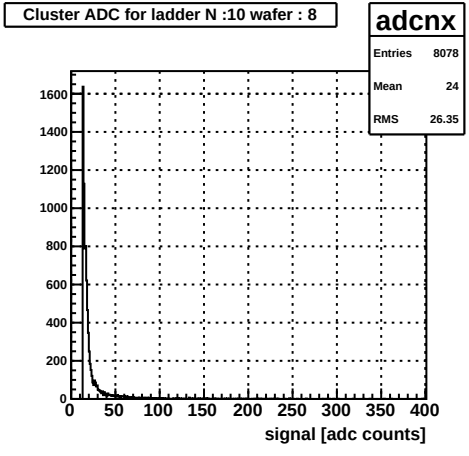

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 8429
Mean 27.54
RMS 29.68
signal [adc counts]

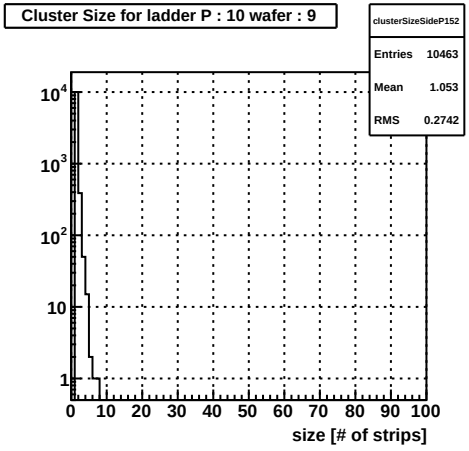

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4623
Mean 1.111
RMS 0.4027
size [# of strips]

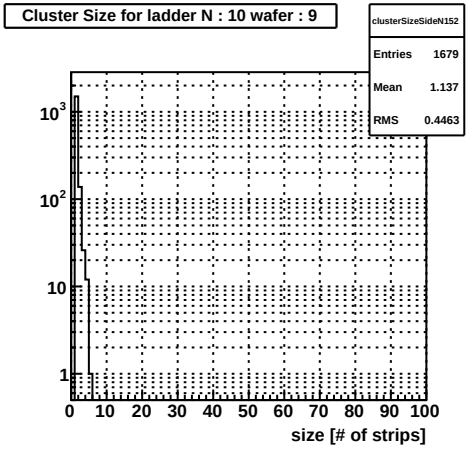

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 8078
Mean 1.159
RMS 0.5343
size [# of strips]

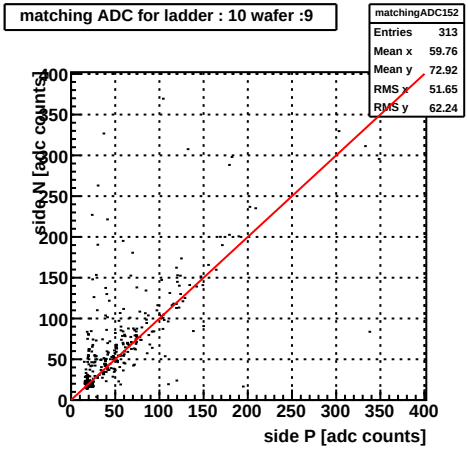

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 456
Mean x 62.55
Mean y 77.56
RMS x 49.69
RMS y 58.72
side N [adc counts]
side P [adc counts]

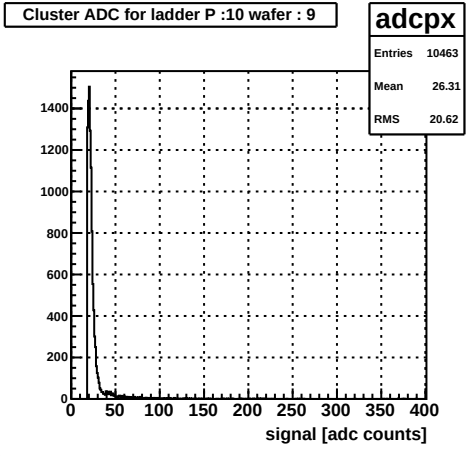

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4623
Mean 42.77
RMS 42.28
signal [adc counts]

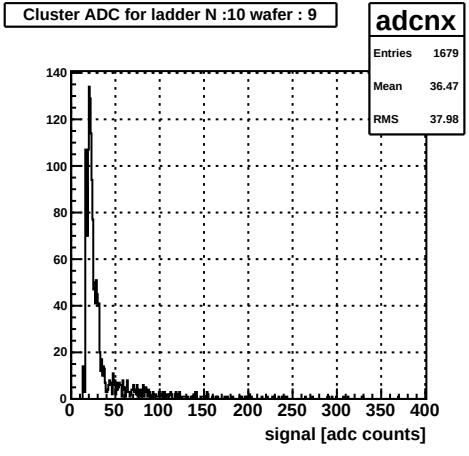

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 8078
Mean 24
RMS 26.35
signal [adc counts]

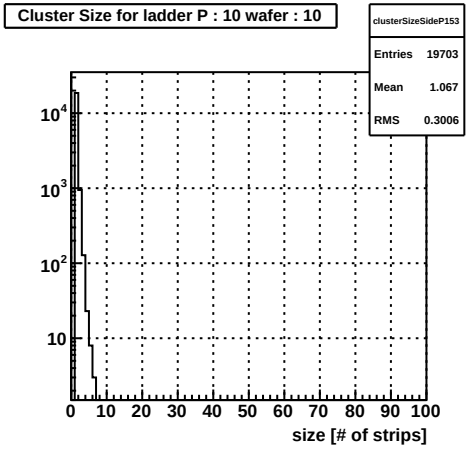

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 10463
Mean 1.053
RMS 0.2742
size [# of strips]

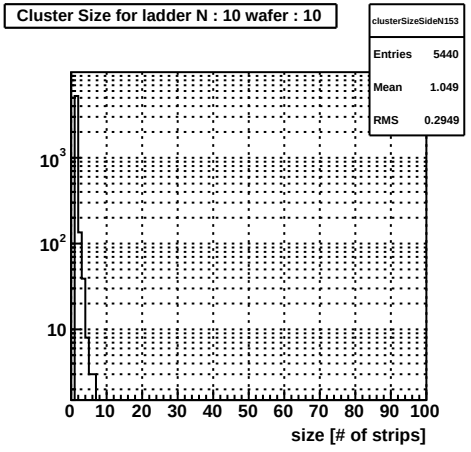

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1679
Mean 1.137
RMS 0.4463
size [# of strips]

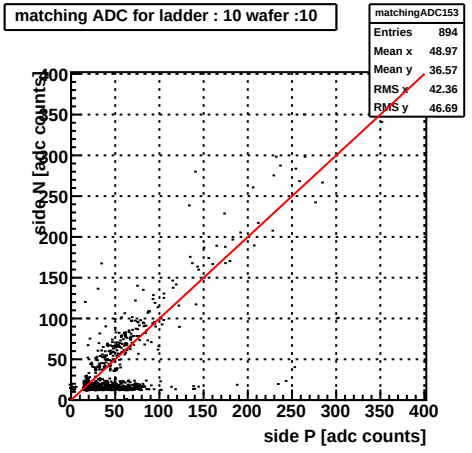

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 313
Mean x 59.76
Mean y 72.92
RMS x 51.65
RMS y 62.24
side N [adc counts]
side P [adc counts]

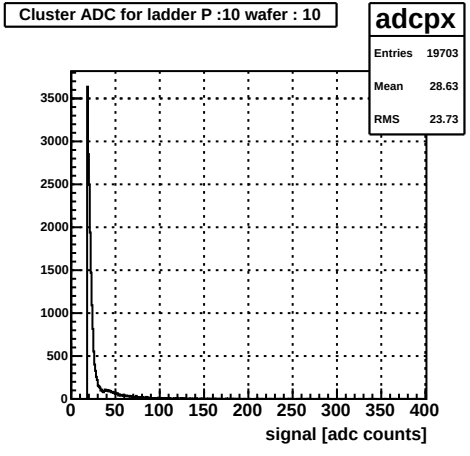

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 10463
Mean 26.31
RMS 20.62
signal [adc counts]

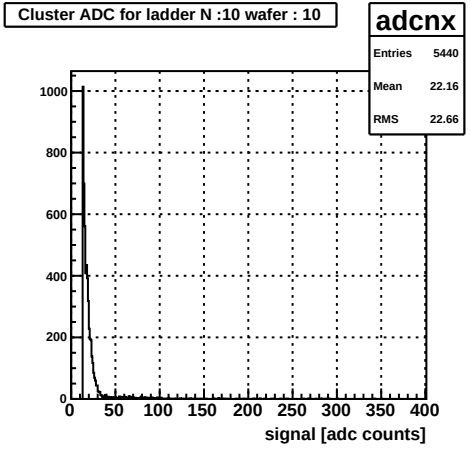

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1679
Mean 36.47
RMS 37.98
signal [adc counts]

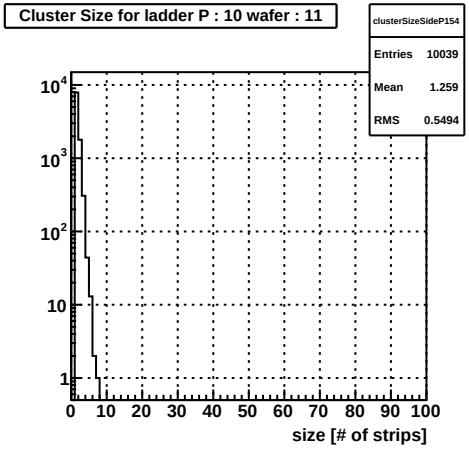

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 19703
Mean 1.067
RMS 0.3006
size [# of strips]

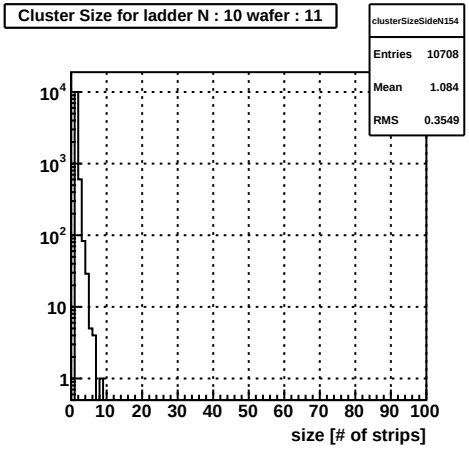

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5440
Mean 1.049
RMS 0.2949
size [# of strips]

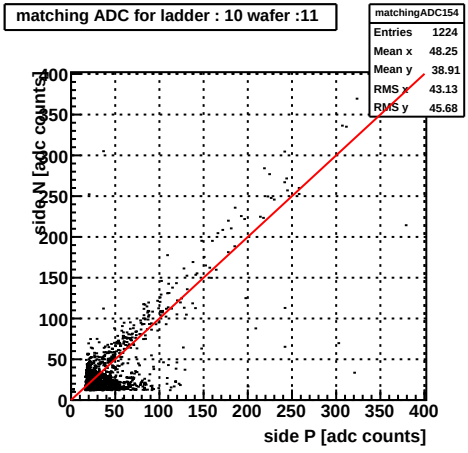

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 894
Mean x 48.97
Mean y 36.57
RMS x 42.36
RMS y 46.69
side N [adc counts]
side P [adc counts]

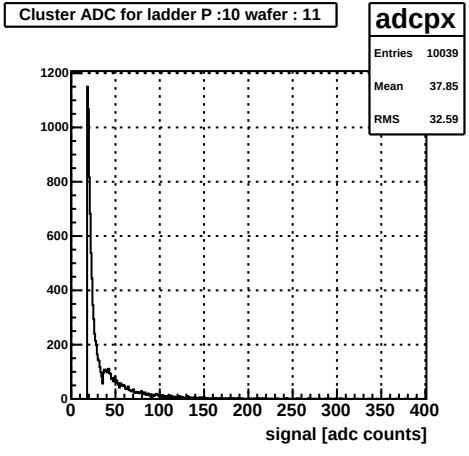

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 19703
Mean 28.63
RMS 23.73
signal [adc counts]

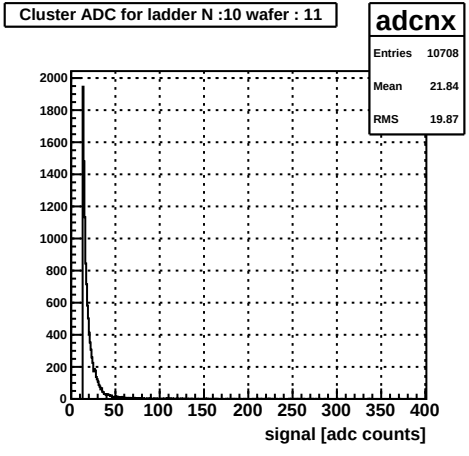

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5440
Mean 22.16
RMS 22.66
signal [adc counts]

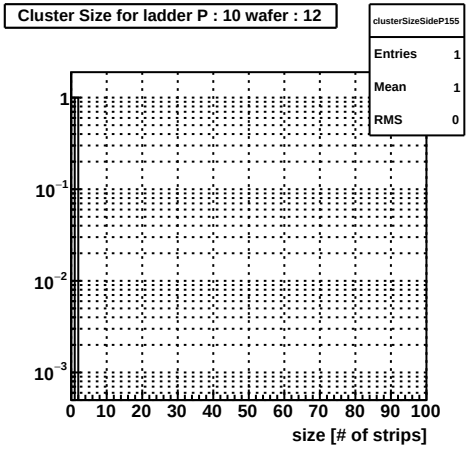

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 10039
Mean 1.259
RMS 0.5494
size [# of strips]

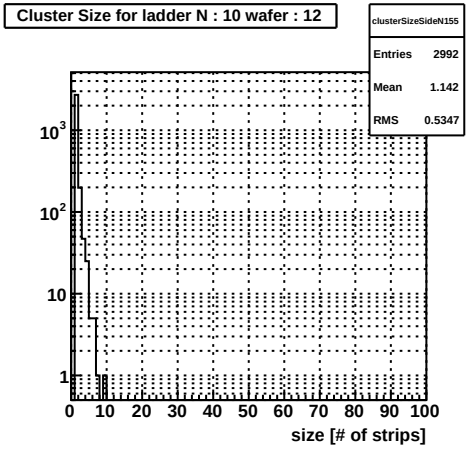

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 10708
Mean 1.084
RMS 0.3549
size [# of strips]

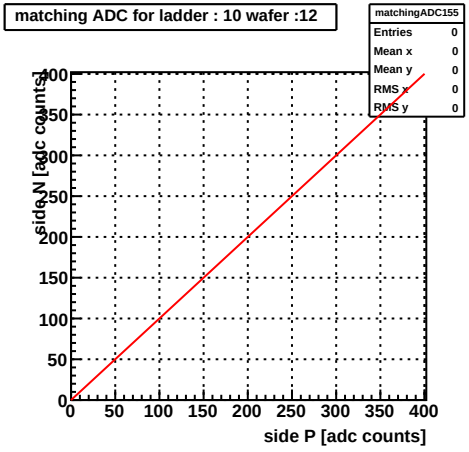

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1224
Mean x 48.25
Mean y 38.91
RMS x 43.13
RMS y 45.68
side N [adc counts]
side P [adc counts]

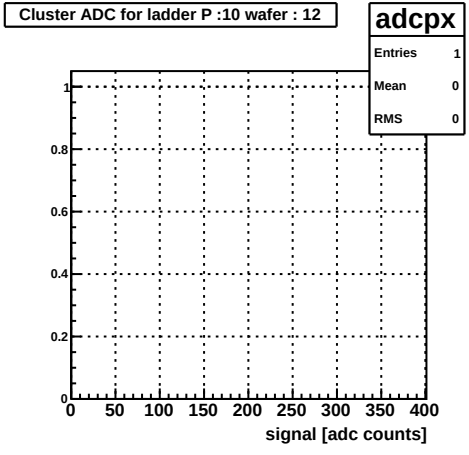

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 10039
Mean 37.85
RMS 32.59
signal [adc counts]

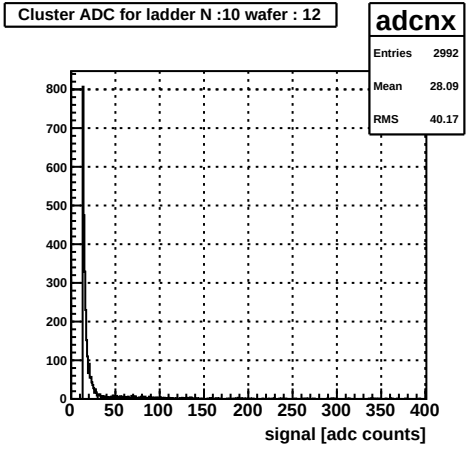

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 10708
Mean 21.84
RMS 19.87
signal [adc counts]

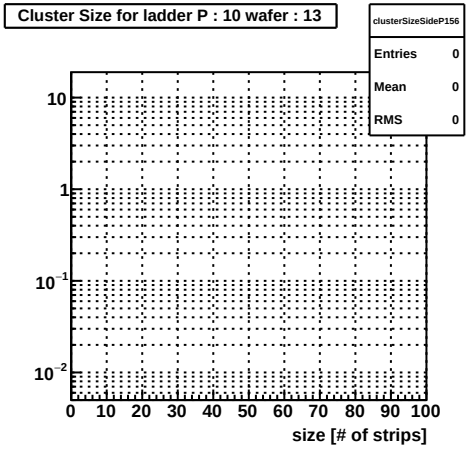

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

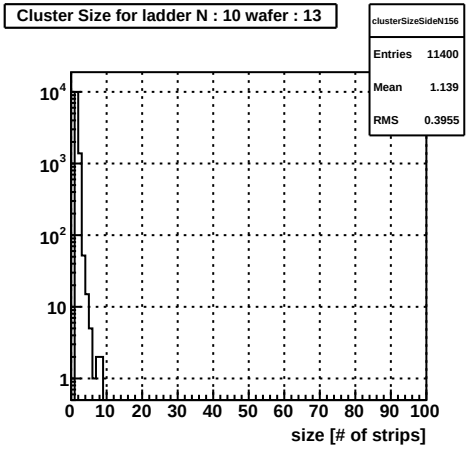

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2992
Mean 1.142
RMS 0.5347
size [# of strips]

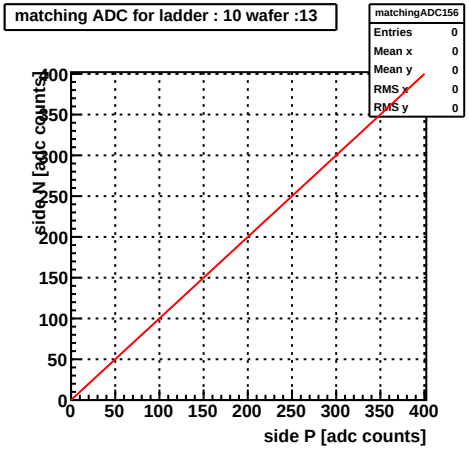

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

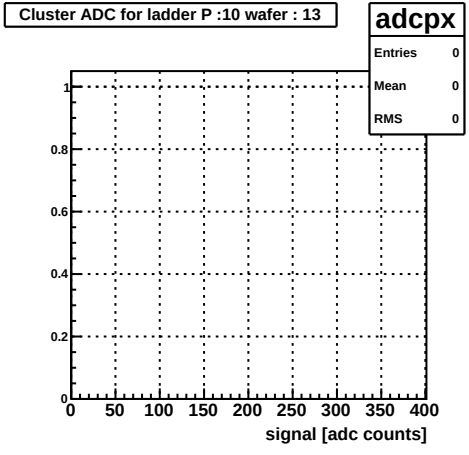

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

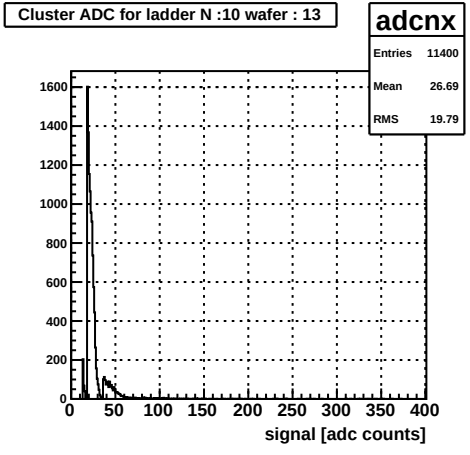

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2992
Mean 28.09
RMS 40.17
signal [adc counts]

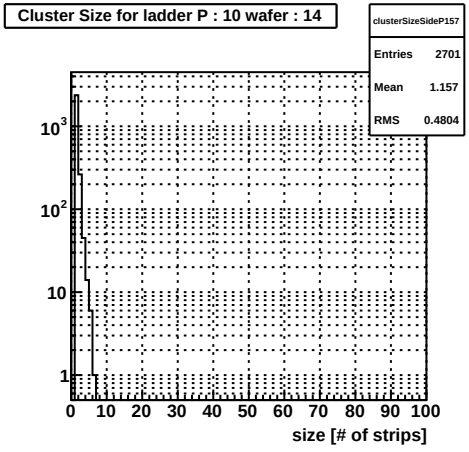

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

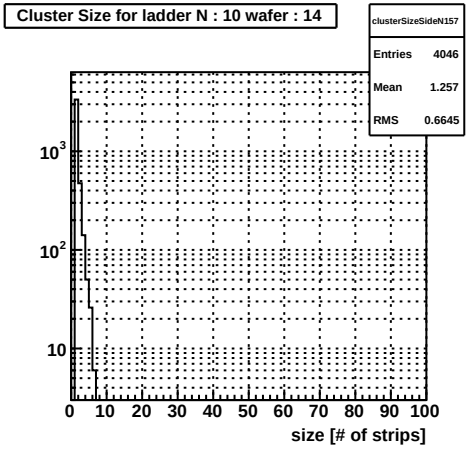

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 11400
Mean 1.139
RMS 0.3955
size [# of strips]

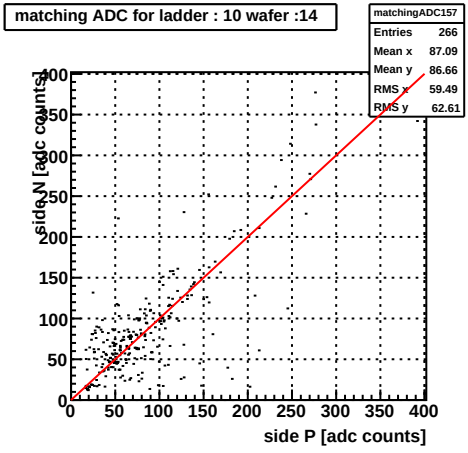

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

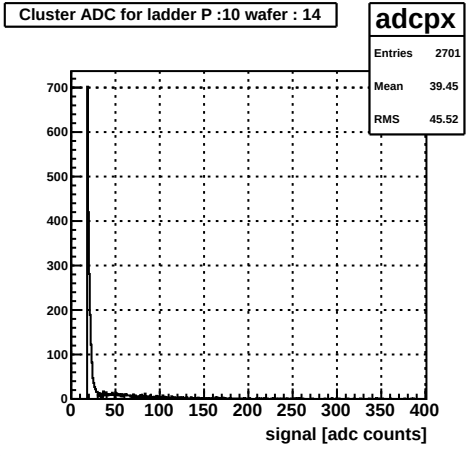

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

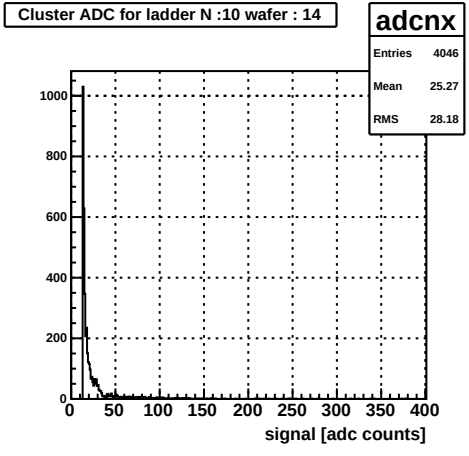

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 11400
Mean 26.69
RMS 19.79
signal [adc counts]

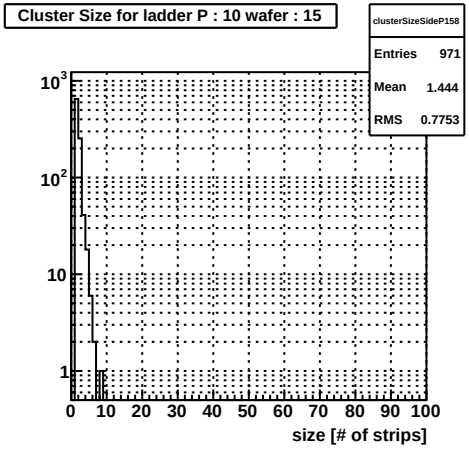

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2701
Mean 1.157
RMS 0.4804
size [# of strips]

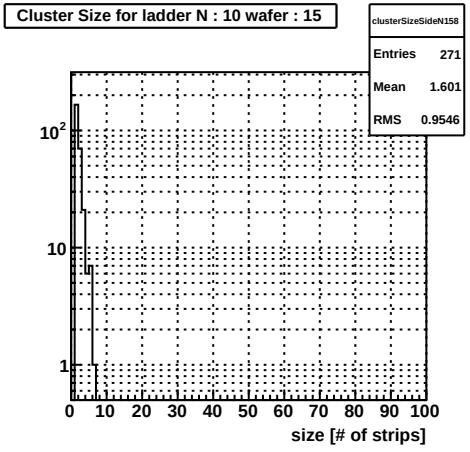

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 4046
Mean 1.257
RMS 0.6645
size [# of strips]

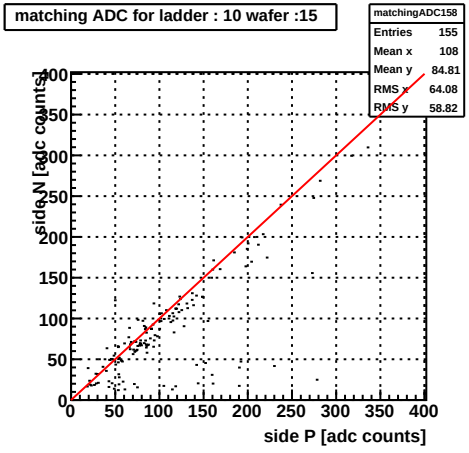

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 266
Mean x 87.09
Mean y 86.66
RMS x 59.49
RMS y 62.61
side N [adc counts]
side P [adc counts]

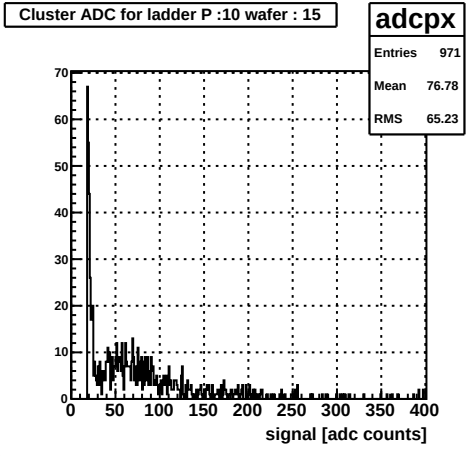

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2701
Mean 39.45
RMS 45.52
signal [adc counts]

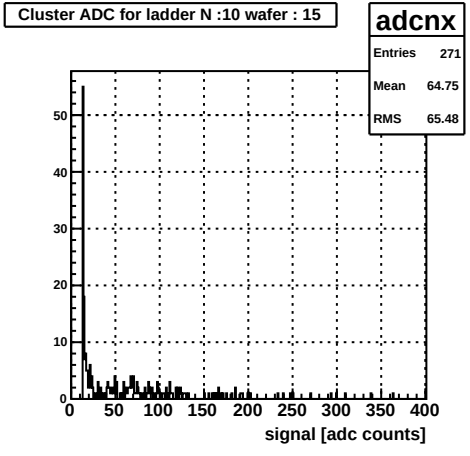

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 4046
Mean 25.27
RMS 28.18
signal [adc counts]

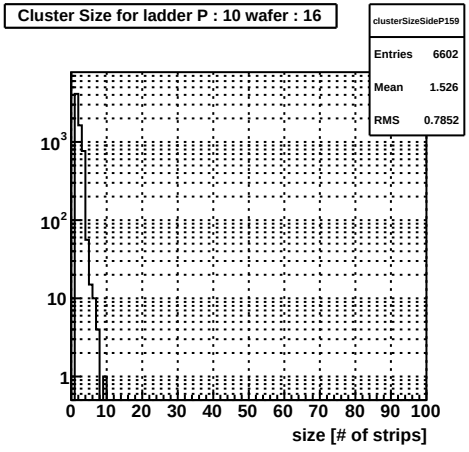

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 971
Mean 1.444
RMS 0.7753
size [# of strips]

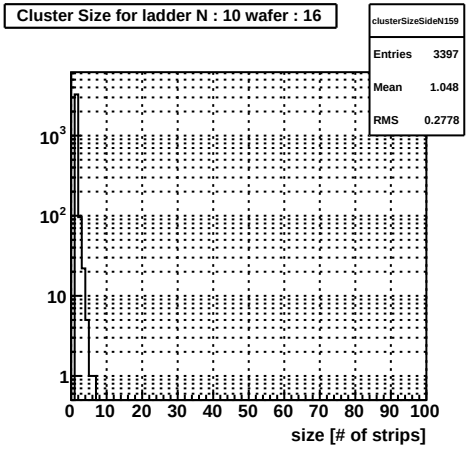

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 271
Mean 1.601
RMS 0.9546
size [# of strips]

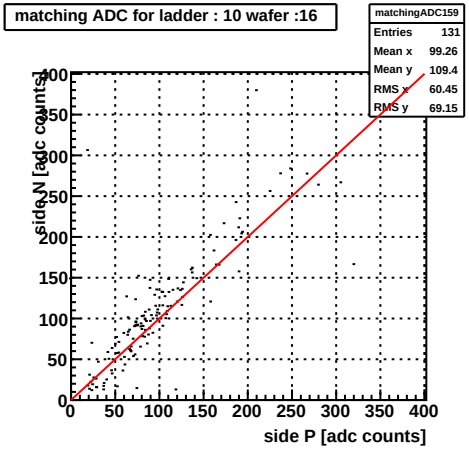

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 155
Mean x 108
Mean y 84.81
RMS x 64.08
RMS y 58.82
side N [adc counts]
side P [adc counts]

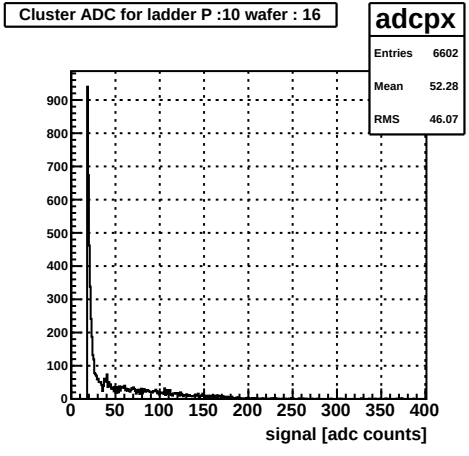

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 971
Mean 76.78
RMS 65.23
signal [adc counts]

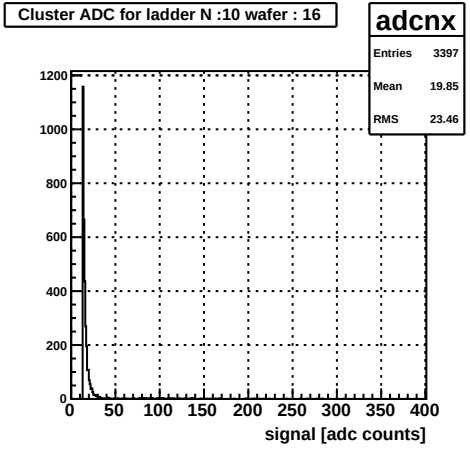

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 271
Mean 64.75
RMS 65.48
signal [adc counts]

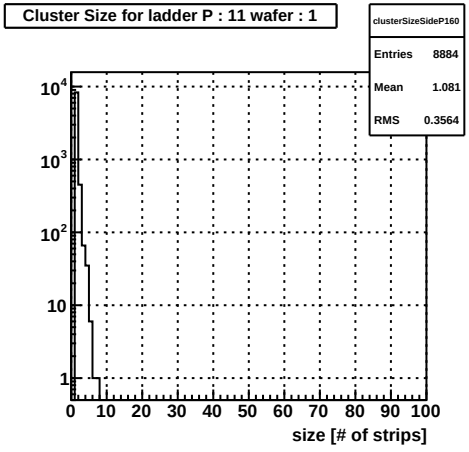

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 6602
Mean 1.526
RMS 0.7852
size [# of strips]

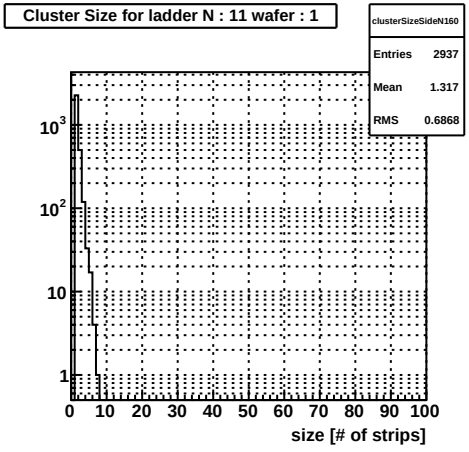

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 3397
Mean 1.048
RMS 0.2778
size [# of strips]

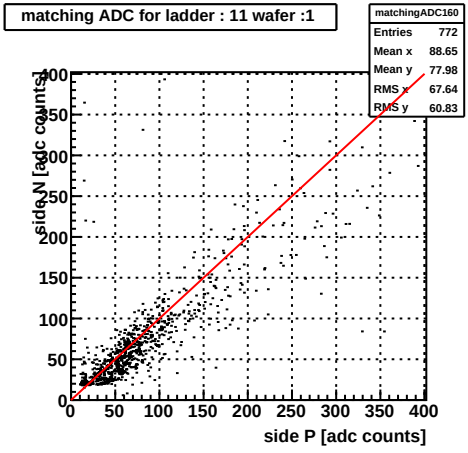

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 131
Mean x 99.26
Mean y 109.4
RMS x 60.45
RMS y 69.15
side N [adc counts]
side P [adc counts]

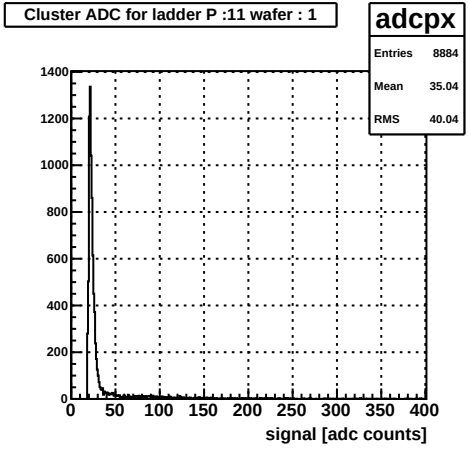

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 6602
Mean 52.28
RMS 46.07
signal [adc counts]

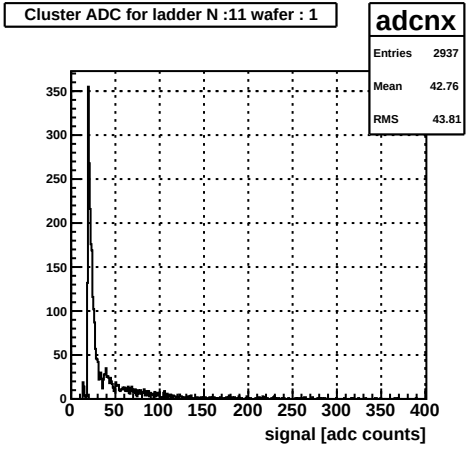

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 3397
Mean 19.85
RMS 23.46
signal [adc counts]

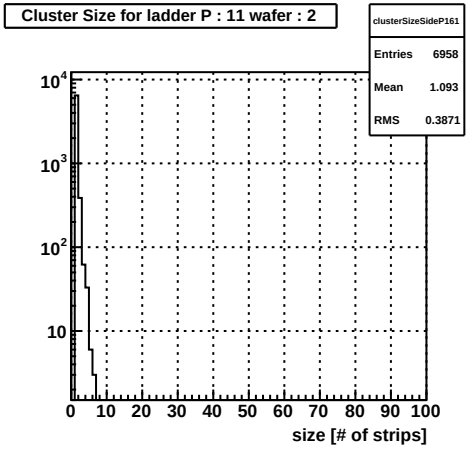

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8884
Mean 1.081
RMS 0.3564
size [# of strips]

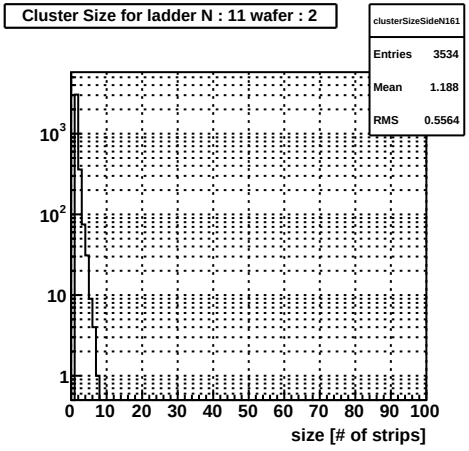

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2937
Mean 1.317
RMS 0.6868
size [# of strips]

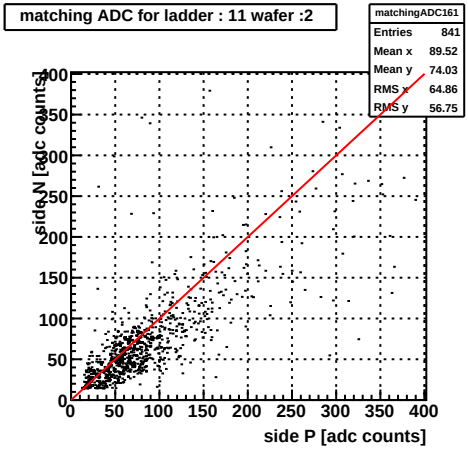

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 772
Mean x 88.65
Mean y 77.98
RMS x 67.64
RMS y 60.83
side N [adc counts]
side P [adc counts]

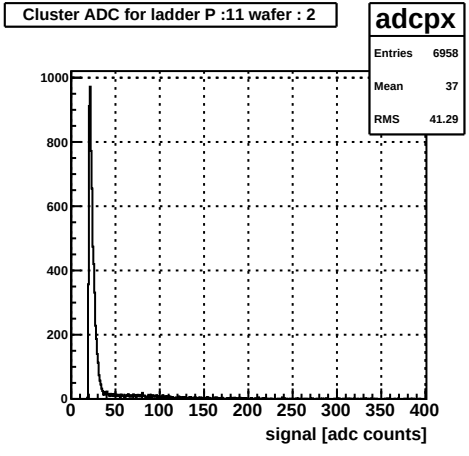

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8884
Mean 35.04
RMS 40.04
signal [adc counts]

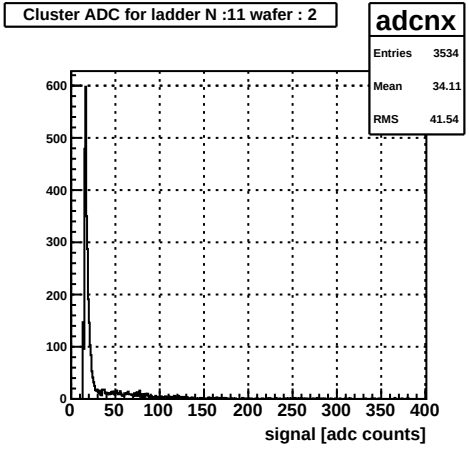

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2937
Mean 42.76
RMS 43.81
signal [adc counts]

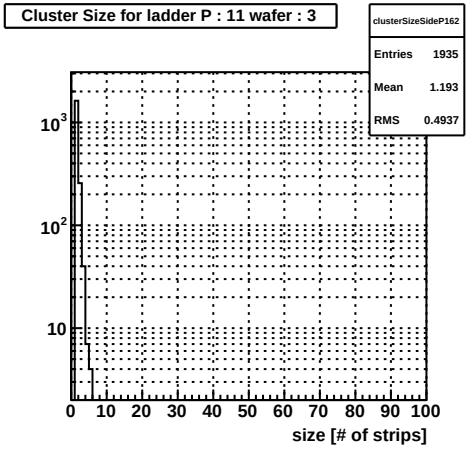

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 6958
Mean 1.093
RMS 0.3871
size [# of strips]

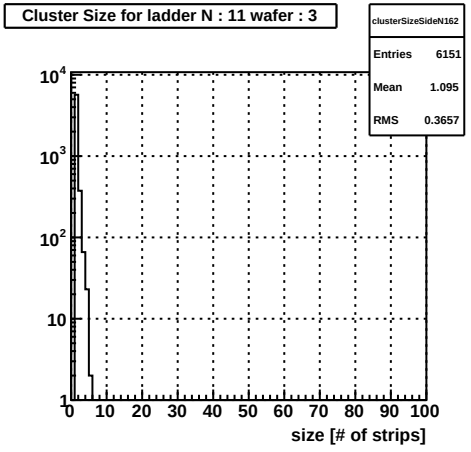

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 3534
Mean 1.188
RMS 0.5564
size [# of strips]

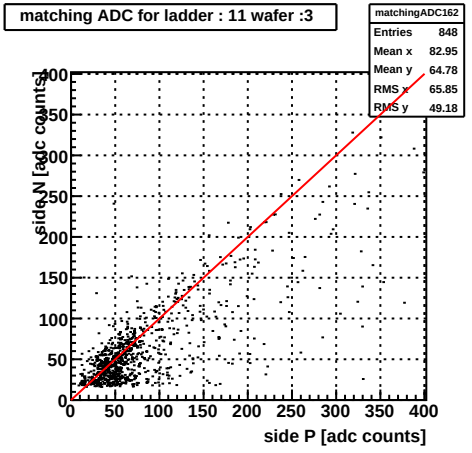

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 841
Mean x 89.52
Mean y 74.03
RMS x 64.86
RMS y 56.75
side N [adc counts]
side P [adc counts]

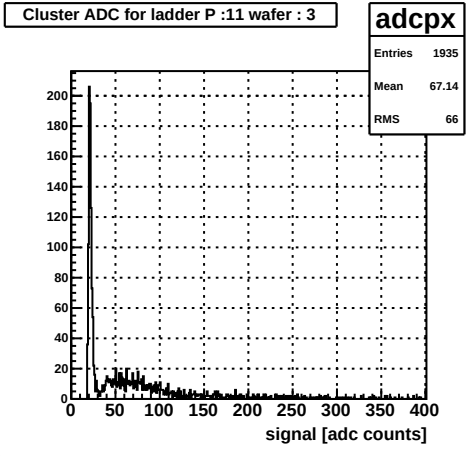

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 6958
Mean 37
RMS 41.29
signal [adc counts]

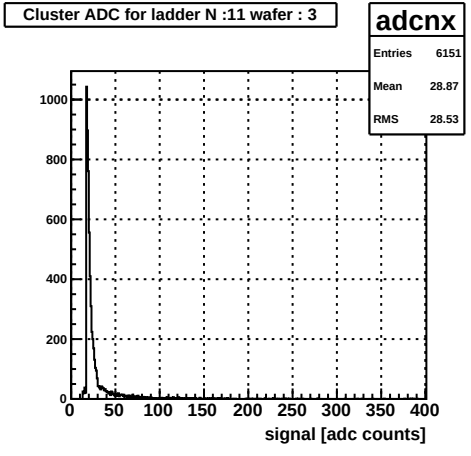

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 3534
Mean 34.11
RMS 41.54
signal [adc counts]

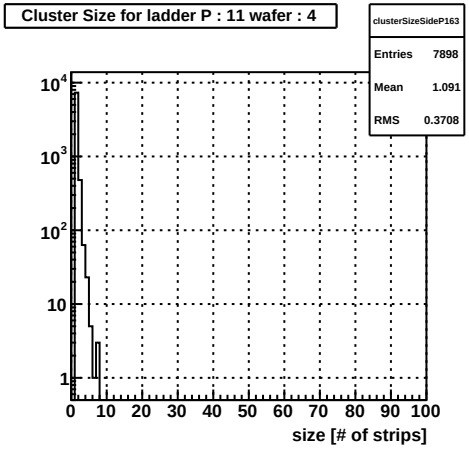

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1935
Mean 1.193
RMS 0.4937
size [# of strips]

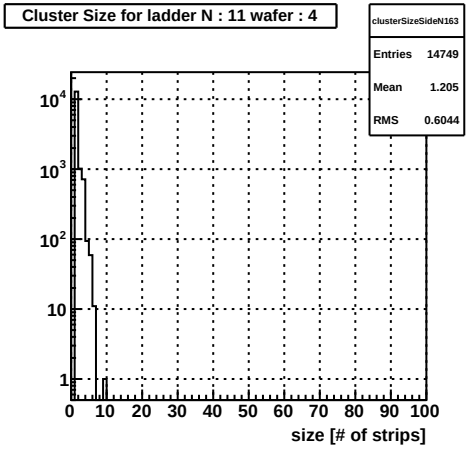

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6151
Mean 1.095
RMS 0.3657
size [# of strips]

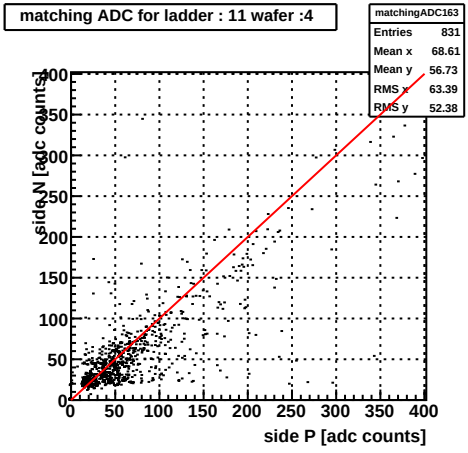

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 848
Mean x 82.95
Mean y 64.78
RMS x 65.85
RMS y 49.18
side N [adc counts]
side P [adc counts]

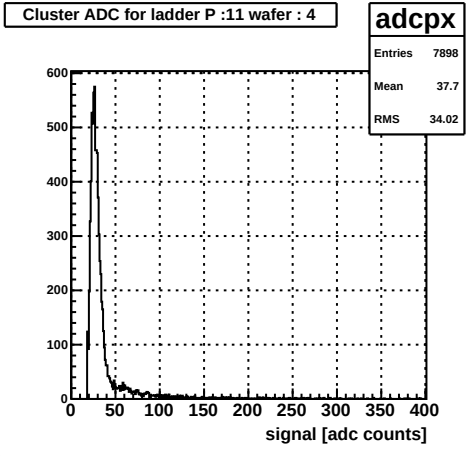

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1935
Mean 67.14
RMS 66
signal [adc counts]

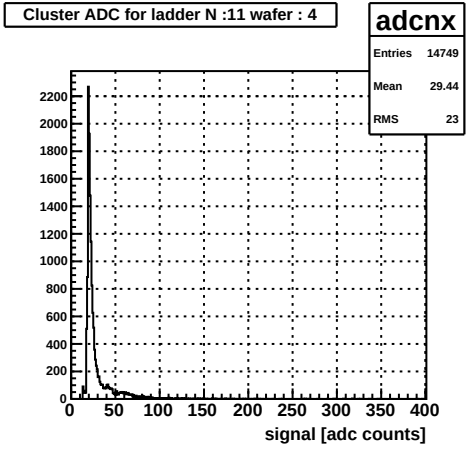

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6151
Mean 28.87
RMS 28.53
signal [adc counts]

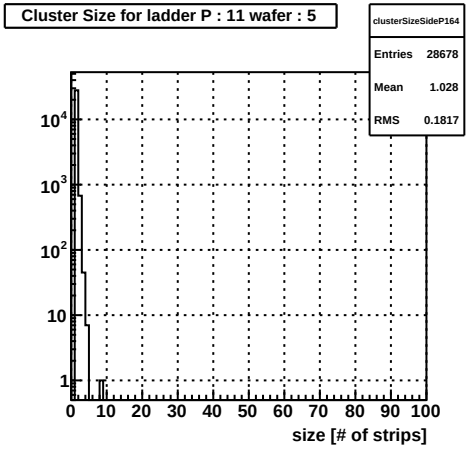

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 7898
Mean 1.091
RMS 0.3708
size [# of strips]

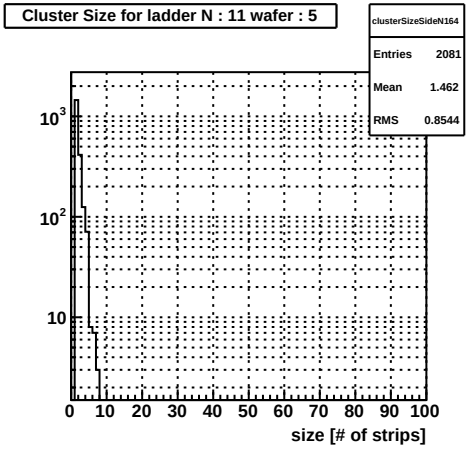

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 14749
Mean 1.205
RMS 0.6044
size [# of strips]

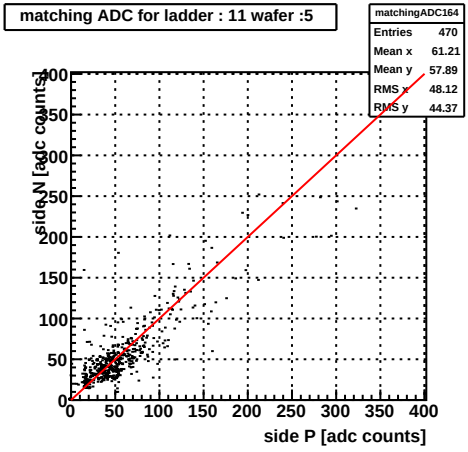

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 831
Mean x 68.61
Mean y 56.73
RMS x 63.39
RMS y 52.38
side N [adc counts]
side P [adc counts]

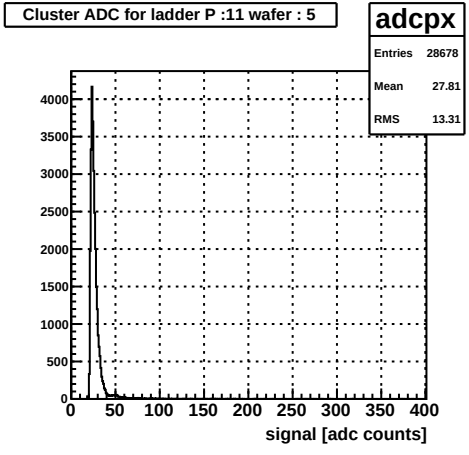

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 7898
Mean 37.7
RMS 34.02
signal [adc counts]

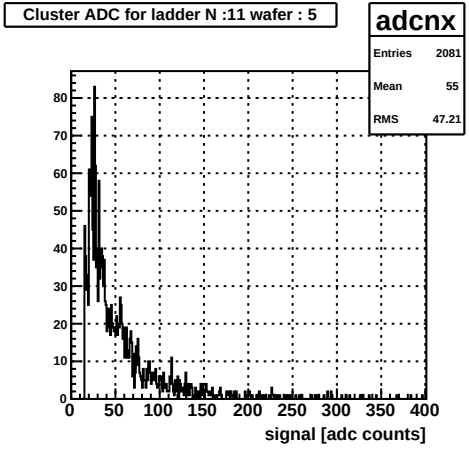

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 14749
Mean 29.44
RMS 23
signal [adc counts]

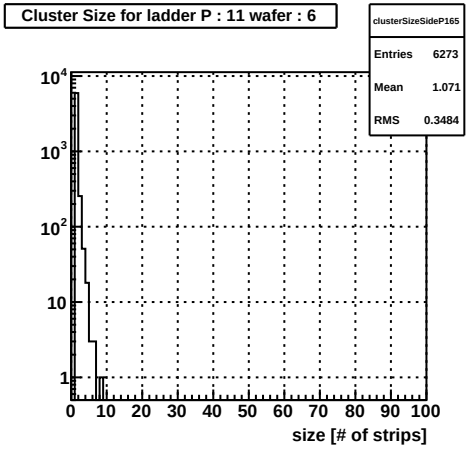

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 28678
Mean 1.028
RMS 0.1817
size [# of strips]

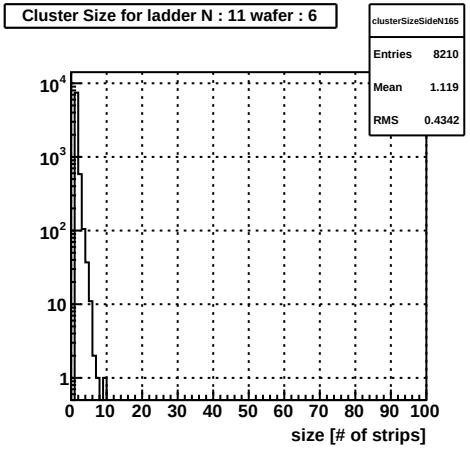

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2081
Mean 1.462
RMS 0.8544
size [# of strips]

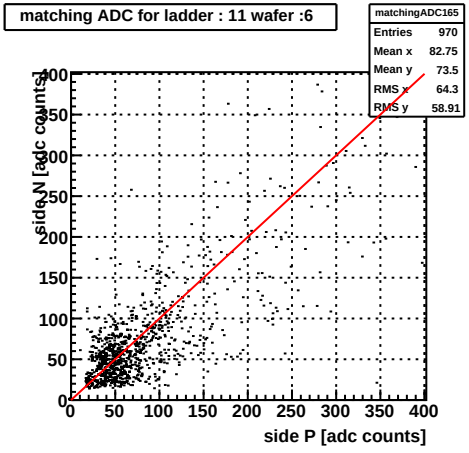

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 470
Mean x 61.21
Mean y 57.89
RMS x 48.12
RMS y 44.37
side N [adc counts]
side P [adc counts]

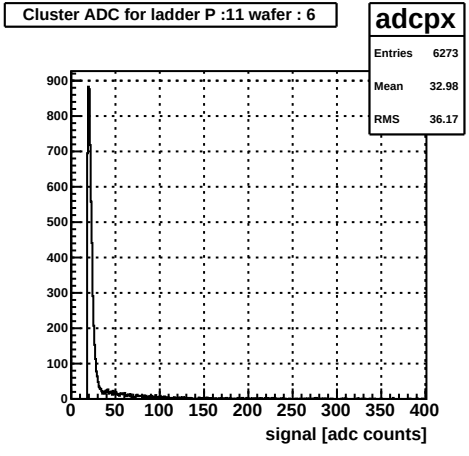

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 28678
Mean 27.81
RMS 13.31
signal [adc counts]

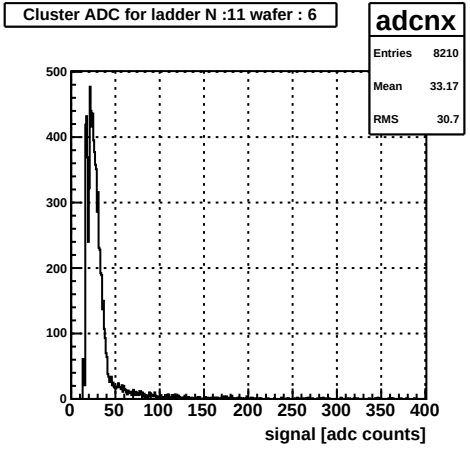

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2081
Mean 55
RMS 47.21
signal [adc counts]

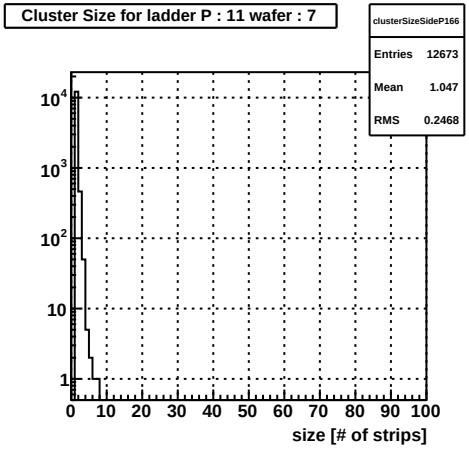

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 6273
Mean 1.071
RMS 0.3484
size [# of strips]

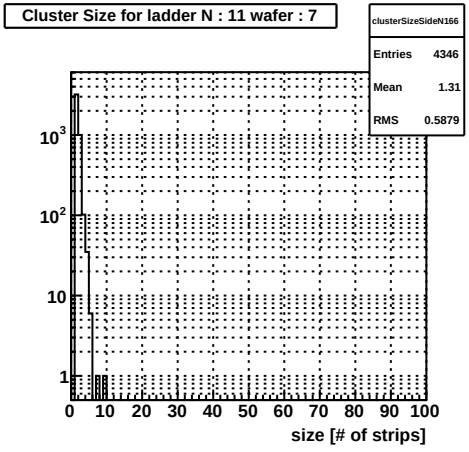

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 8210
Mean 1.119
RMS 0.4342
size [# of strips]

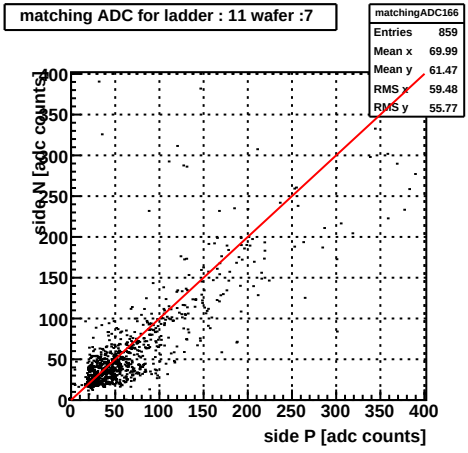

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 970
Mean x 82.75
Mean y 73.5
RMS x 64.3
RMS y 58.91
side N [adc counts]
side P [adc counts]

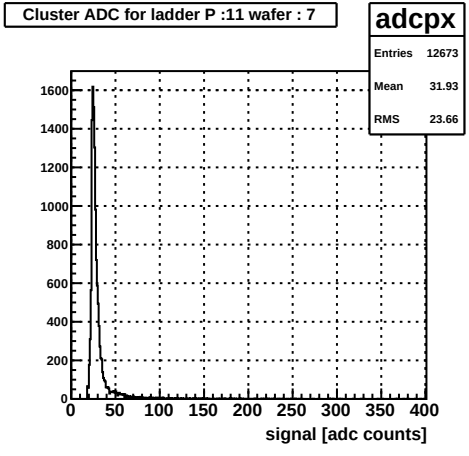

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 6273
Mean 32.98
RMS 36.17
signal [adc counts]

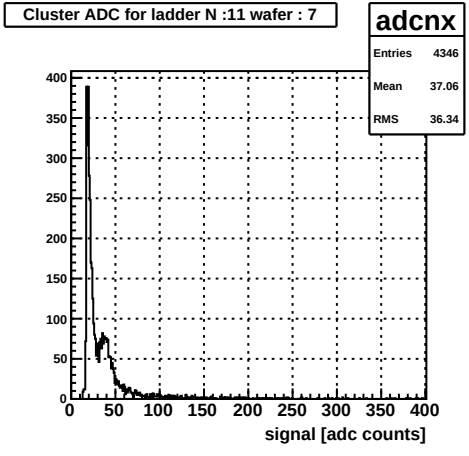

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 8210
Mean 33.17
RMS 30.7
signal [adc counts]

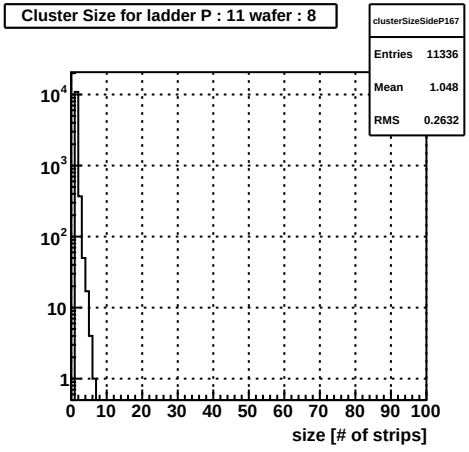

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 12673
Mean 1.047
RMS 0.2468
size [# of strips]

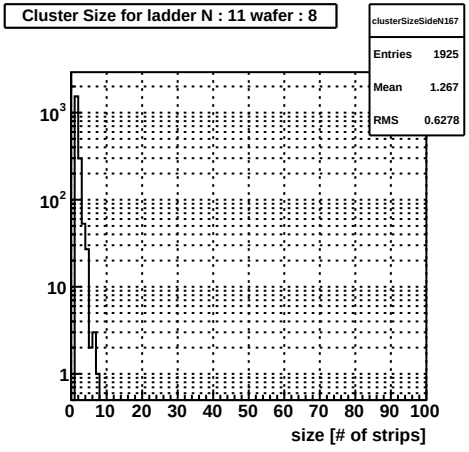

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 4346
Mean 1.31
RMS 0.5879
size [# of strips]

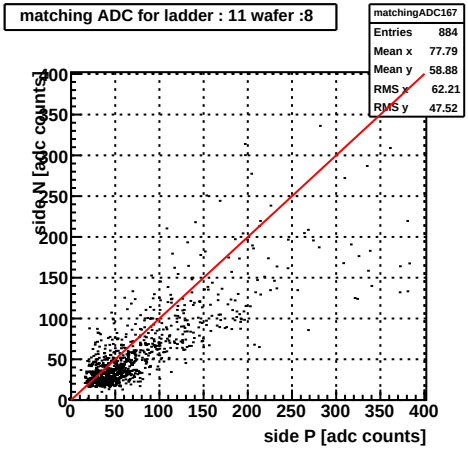

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 859
Mean x 69.99
Mean y 61.47
RMS x 59.48
RMS y 55.77
side N [adc counts]
side P [adc counts]

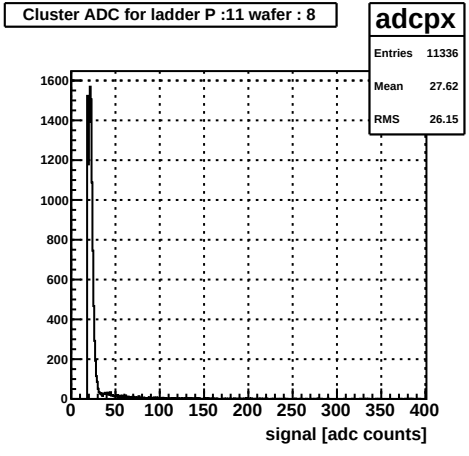

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 12673
Mean 31.93
RMS 23.66
signal [adc counts]

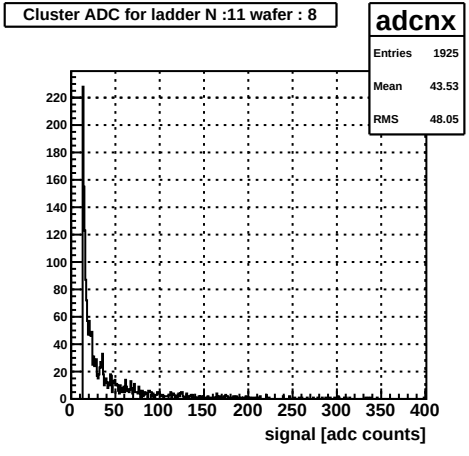

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 4346
Mean 37.06
RMS 36.34
signal [adc counts]

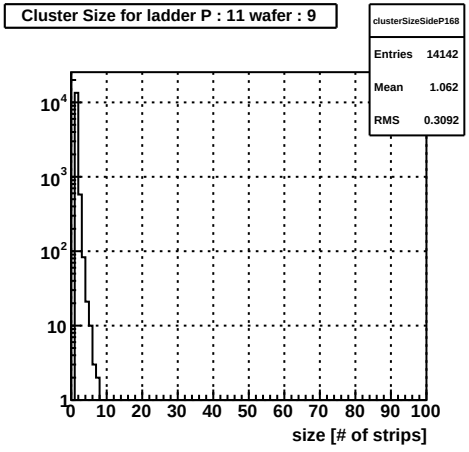

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 11336
Mean 1.048
RMS 0.2632
size [# of strips]

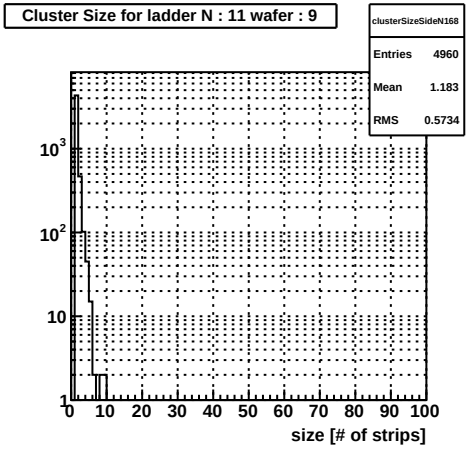

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1925
Mean 1.267
RMS 0.6278
size [# of strips]

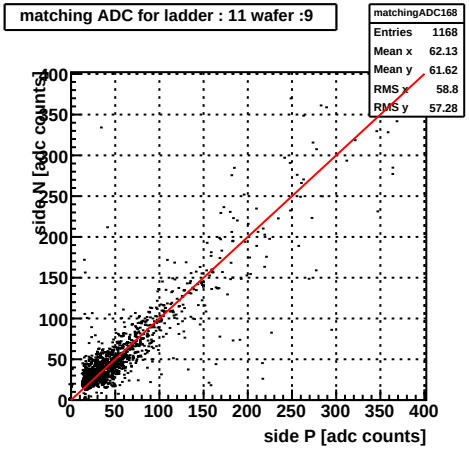

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 884
Mean x 77.79
Mean y 58.88
RMS x 62.21
RMS y 47.52
side N [adc counts]
side P [adc counts]

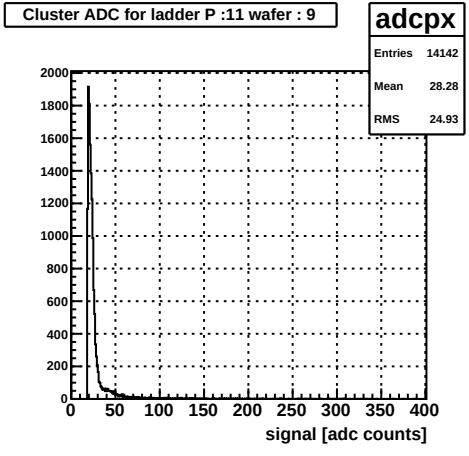

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 11336
Mean 27.62
RMS 26.15
signal [adc counts]

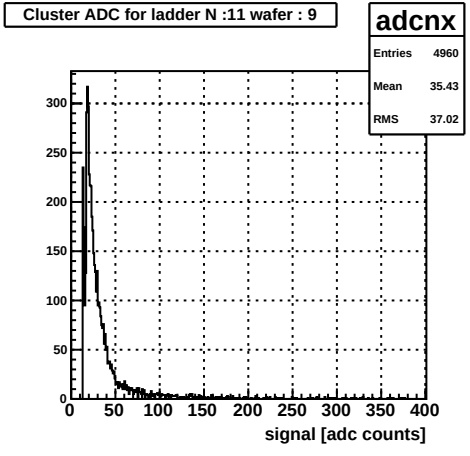

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1925
Mean 43.53
RMS 48.05
signal [adc counts]

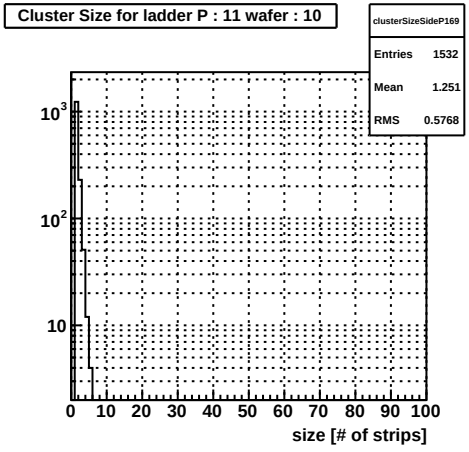

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 14142
Mean 1.062
RMS 0.3092
size [# of strips]

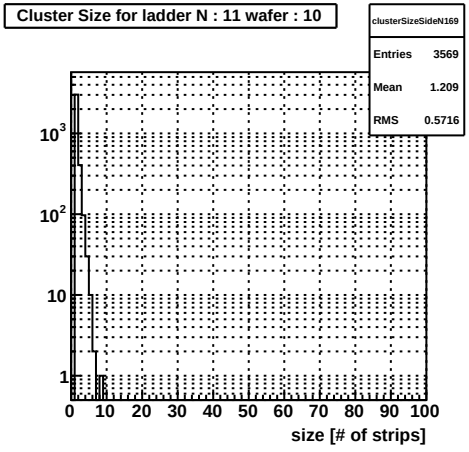

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 4960
Mean 1.183
RMS 0.5734
size [# of strips]

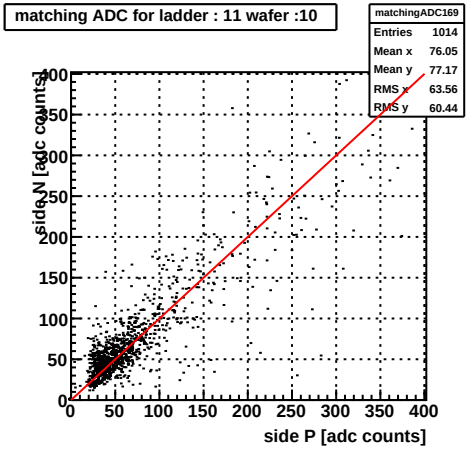

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1168
Mean x 62.13
Mean y 61.62
RMS x 58.8
RMS y 57.28
side N [adc counts]
side P [adc counts]

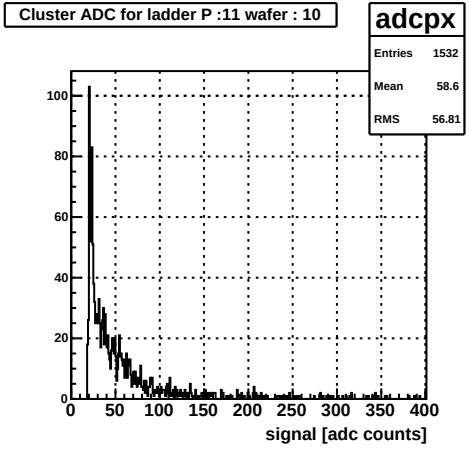

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 14142
Mean 28.28
RMS 24.93
signal [adc counts]

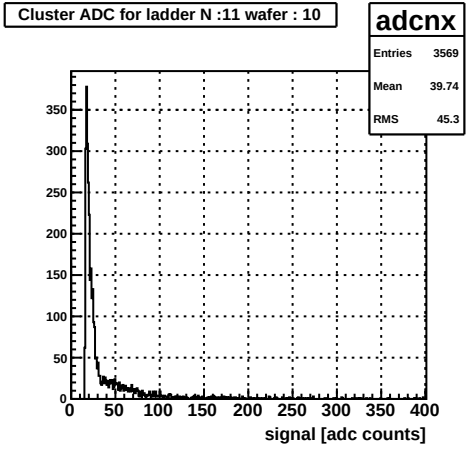

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 4960
Mean 35.43
RMS 37.02
signal [adc counts]

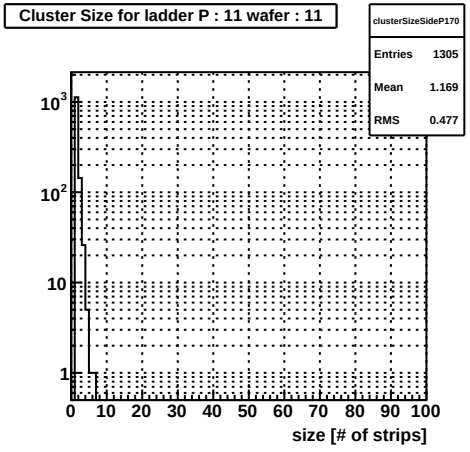

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1532
Mean 1.251
RMS 0.5768
size [# of strips]

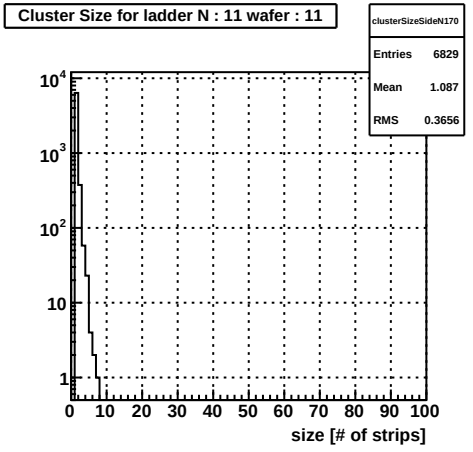

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3569
Mean 1.209
RMS 0.5716
size [# of strips]

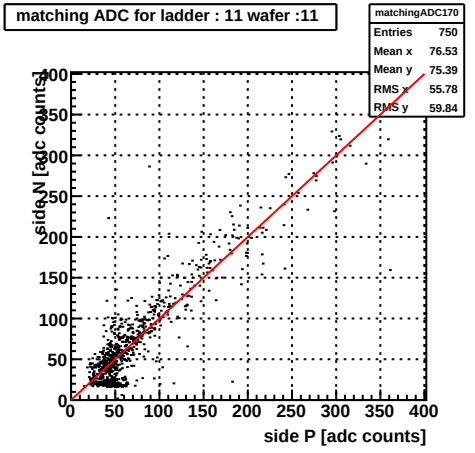

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1014
Mean x 76.05
Mean y 77.17
RMS x 63.56
RMS y 60.44
side N [adc counts]
side P [adc counts]

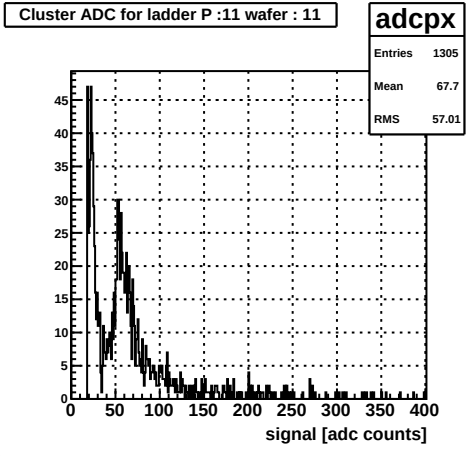

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1532
Mean 58.6
RMS 56.81
signal [adc counts]

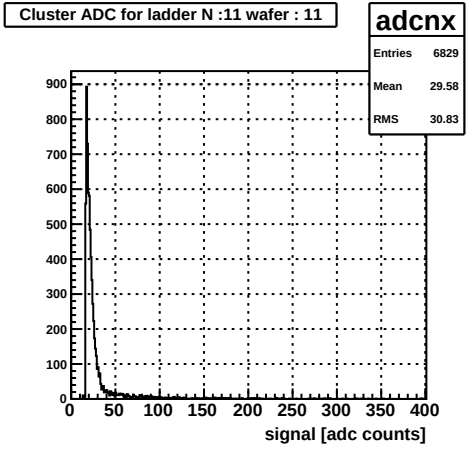

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3569
Mean 39.74
RMS 45.3
signal [adc counts]

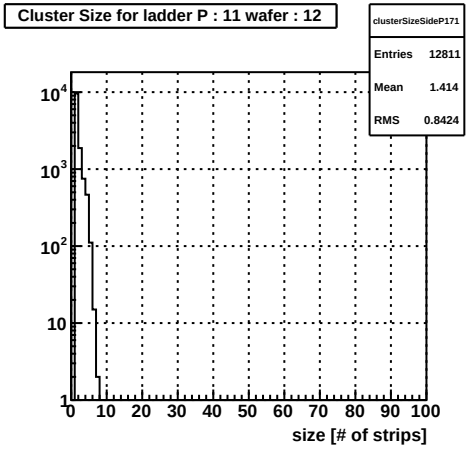

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1305
Mean 1.169
RMS 0.477
size [# of strips]

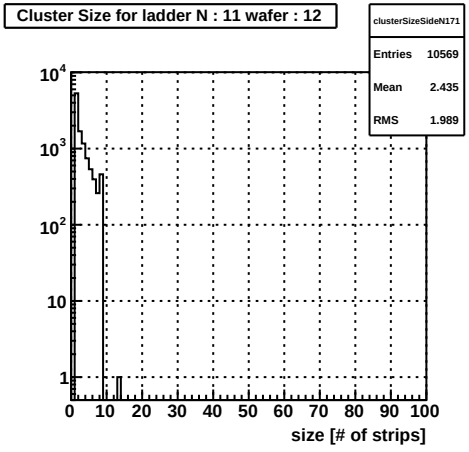

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6829
Mean 1.087
RMS 0.3656
size [# of strips]

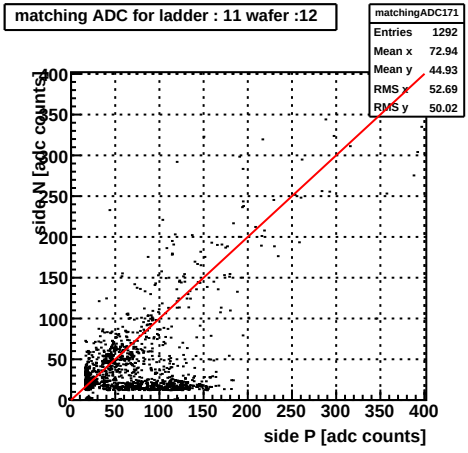

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 750
Mean x 76.53
Mean y 75.39
RMS x 55.78
RMS y 59.84
side N [adc counts]
side P [adc counts]

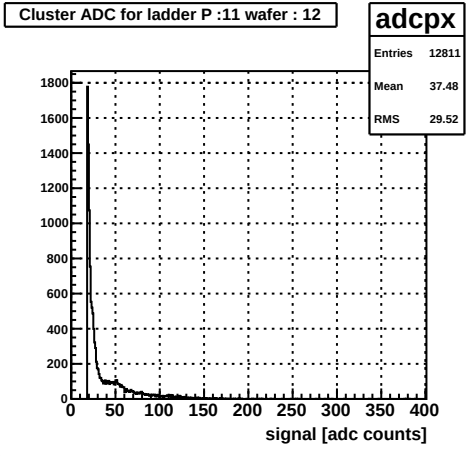

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1305
Mean 67.7
RMS 57.01
signal [adc counts]

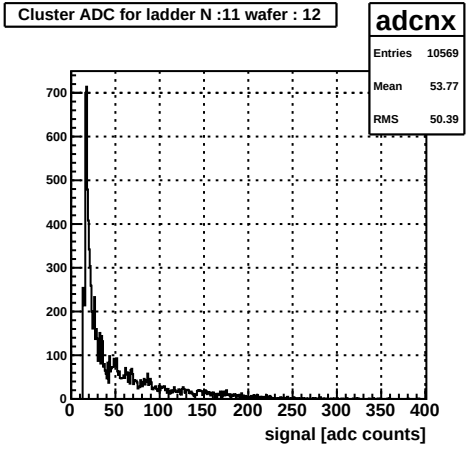

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6829
Mean 29.58
RMS 30.83
signal [adc counts]

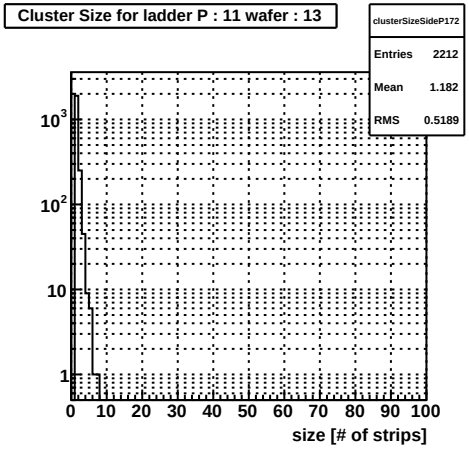

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 12811
Mean 1.414
RMS 0.8424
size [# of strips]

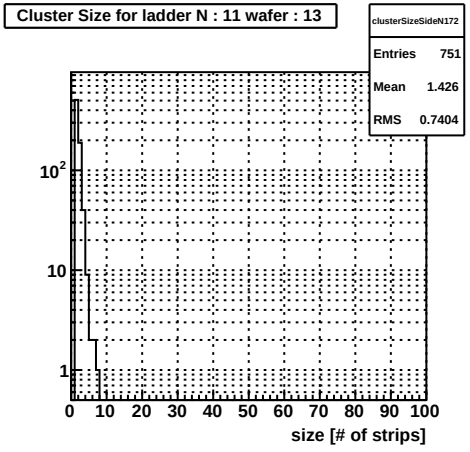

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 10569
Mean 2.435
RMS 1.989
size [# of strips]

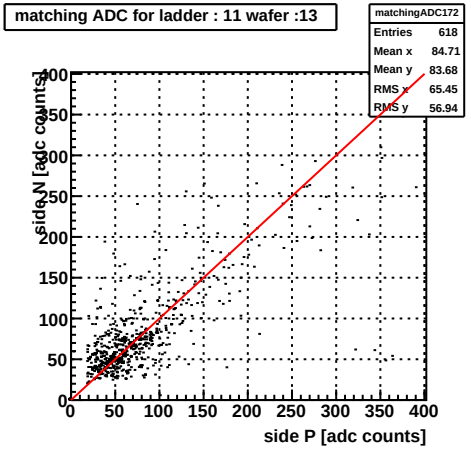

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1292
Mean x 72.94
Mean y 44.93
RMS x 52.69
RMS y 50.02
side N [adc counts]
side P [adc counts]

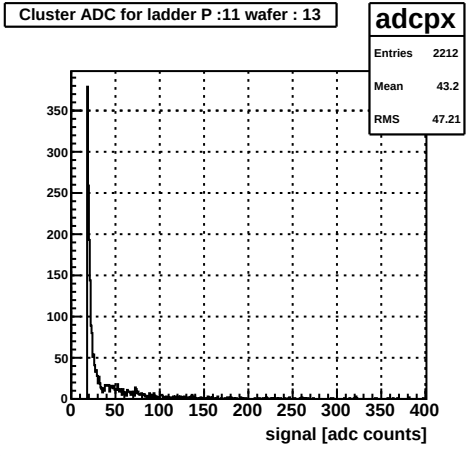

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 12811
Mean 37.48
RMS 29.52
signal [adc counts]

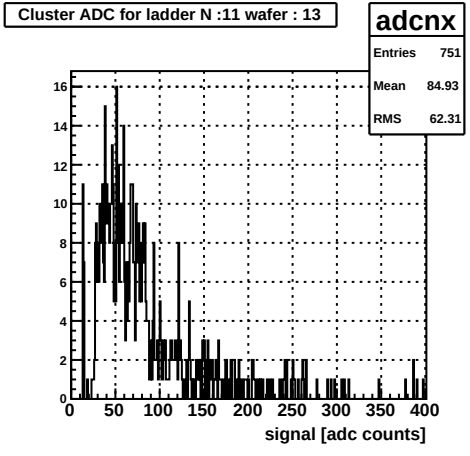

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 10569
Mean 53.77
RMS 50.39
signal [adc counts]

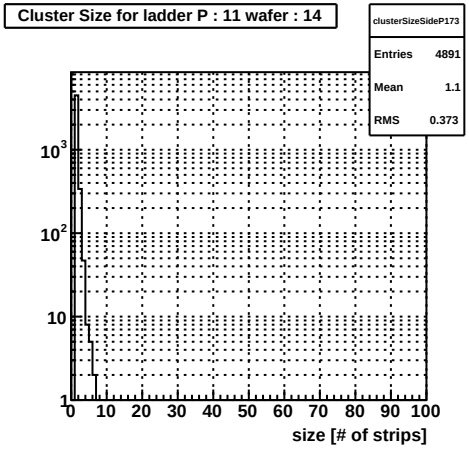

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2212
Mean 1.182
RMS 0.5189
size [# of strips]

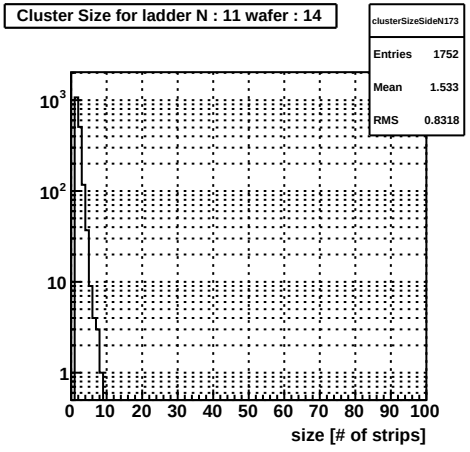

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 751
Mean 1.426
RMS 0.7404
size [# of strips]

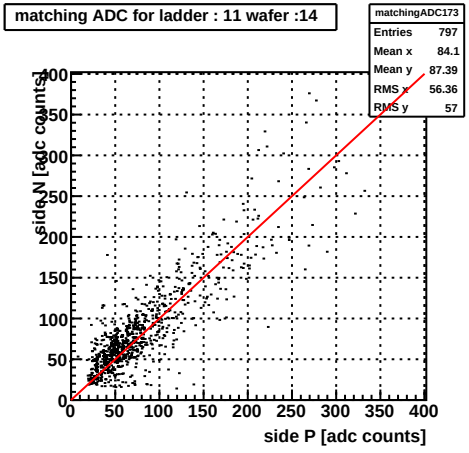

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 618
Mean x 84.71
Mean y 83.68
RMS x 65.45
RMS y 56.94
side N [adc counts]
side P [adc counts]

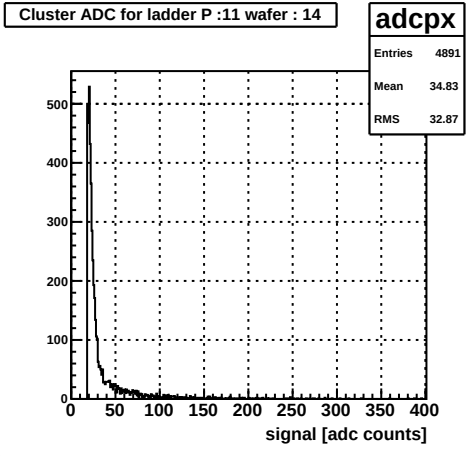

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2212
Mean 43.2
RMS 47.21
signal [adc counts]

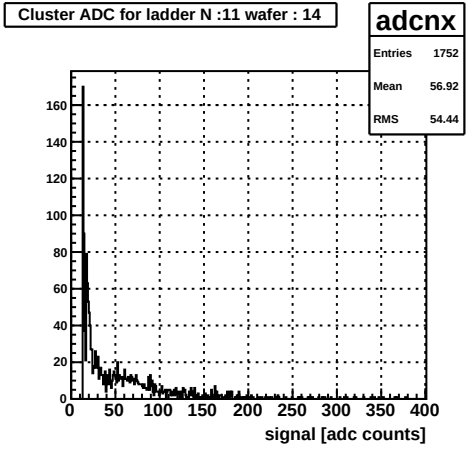

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 751
Mean 84.93
RMS 62.31
signal [adc counts]

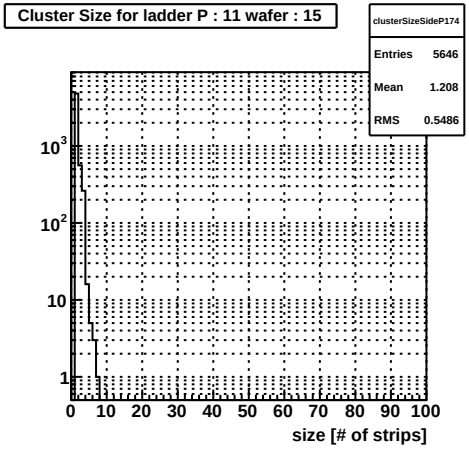

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 4891
Mean 1.1
RMS 0.373
size [# of strips]

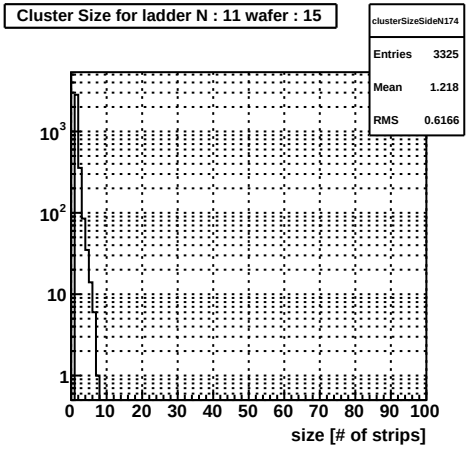

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1752
Mean 1.533
RMS 0.8318
size [# of strips]

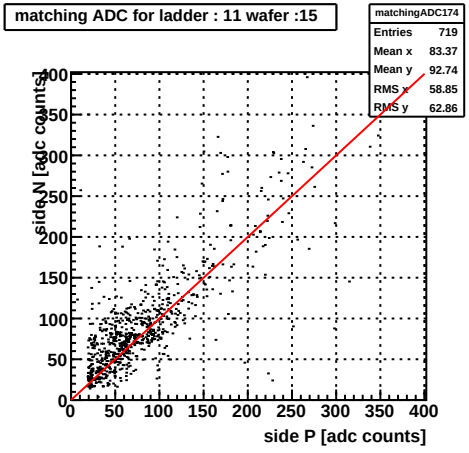

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 797
Mean x 84.1
Mean y 87.39
RMS x 56.36
RMS y 57
side N [adc counts]
side P [adc counts]

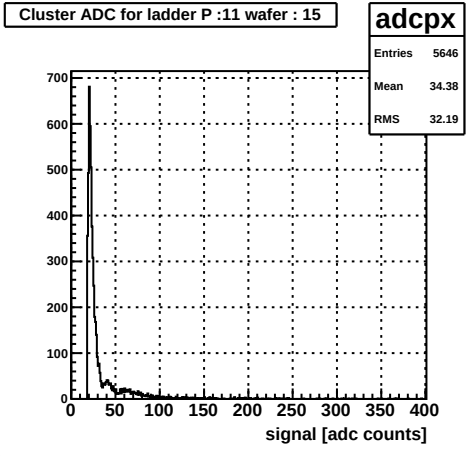

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 4891
Mean 34.83
RMS 32.87
signal [adc counts]

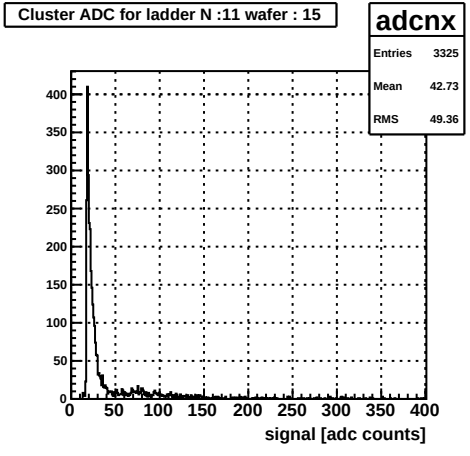

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1752
Mean 56.92
RMS 54.44
signal [adc counts]

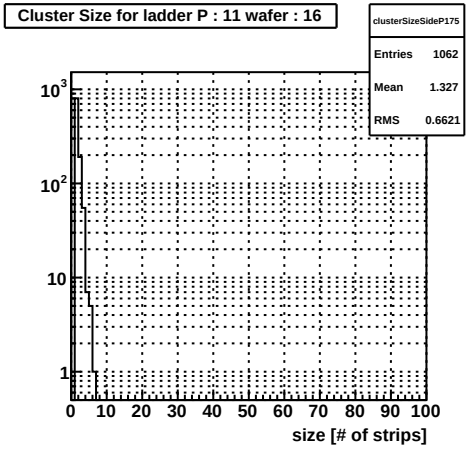

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 5646
Mean 1.208
RMS 0.5486
size [# of strips]

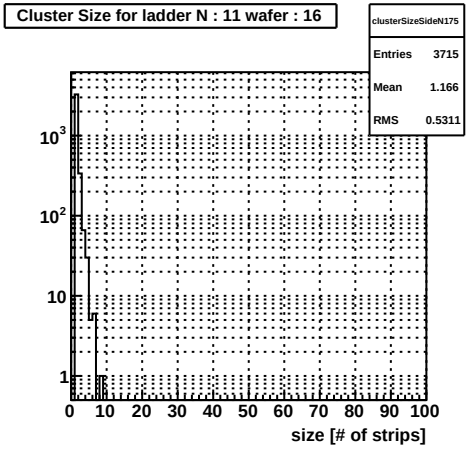

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 3325
Mean 1.218
RMS 0.6166
size [# of strips]

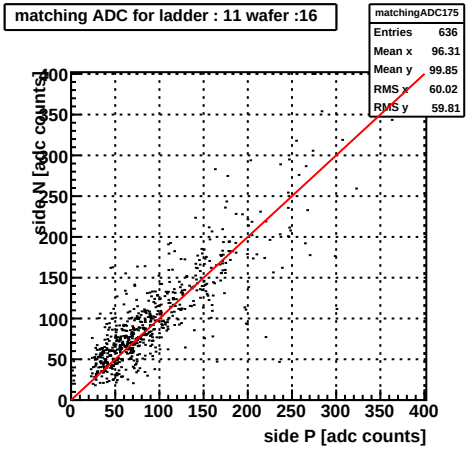

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 719
Mean x 83.37
Mean y 92.74
RMS x 58.85
RMS y 62.86
side N [adc counts]
side P [adc counts]

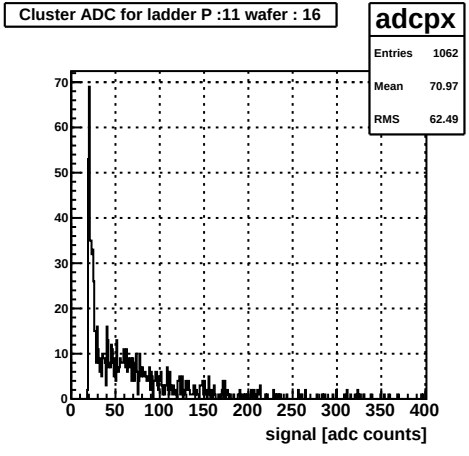

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 5646
Mean 34.38
RMS 32.19
signal [adc counts]

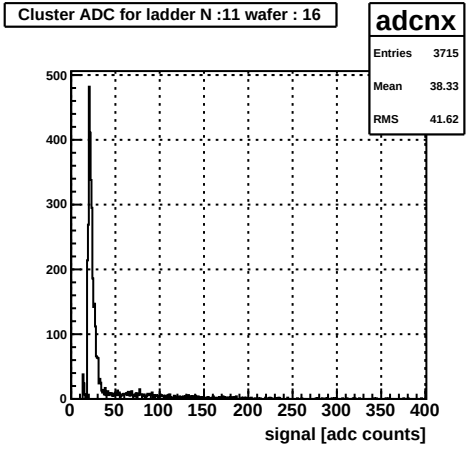

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 3325
Mean 42.73
RMS 49.36
signal [adc counts]

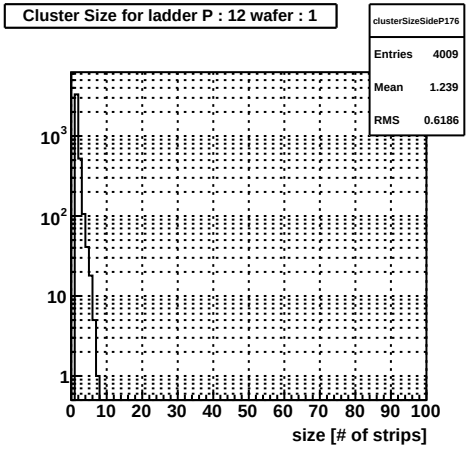

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1062
Mean 1.327
RMS 0.6621
size [# of strips]

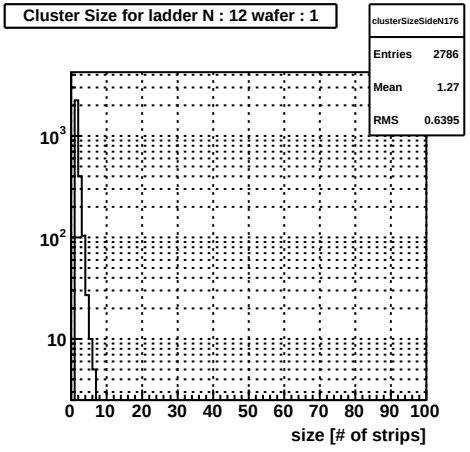

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 3715
Mean 1.166
RMS 0.5311
size [# of strips]

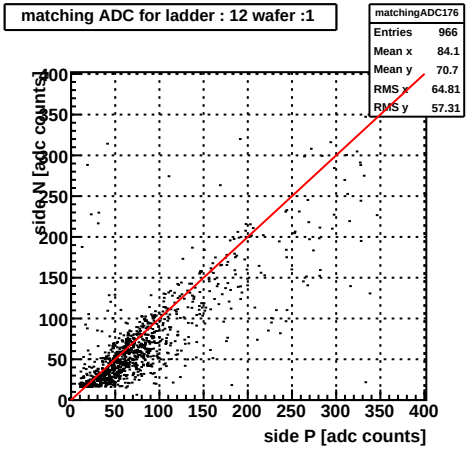

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 636
Mean x 96.31
Mean y 99.85
RMS x 60.02
RMS y 59.81
side N [adc counts]
side P [adc counts]

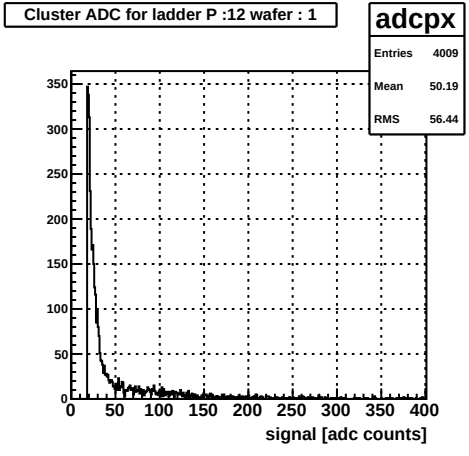

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1062
Mean 70.97
RMS 62.49
signal [adc counts]

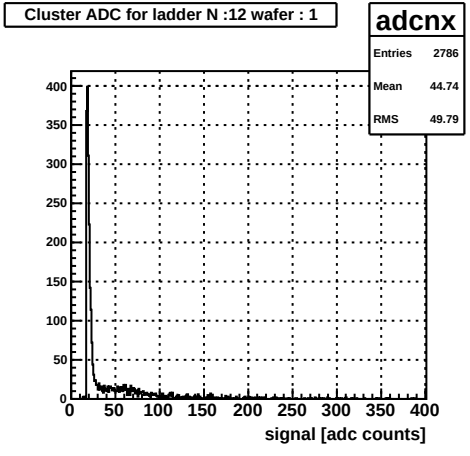

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 3715
Mean 38.33
RMS 41.62
signal [adc counts]

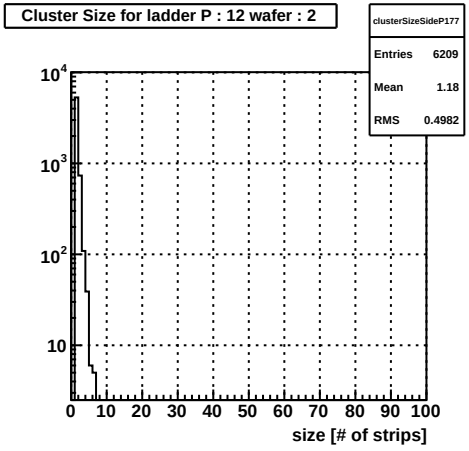

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 4009
Mean 1.239
RMS 0.6186
size [# of strips]

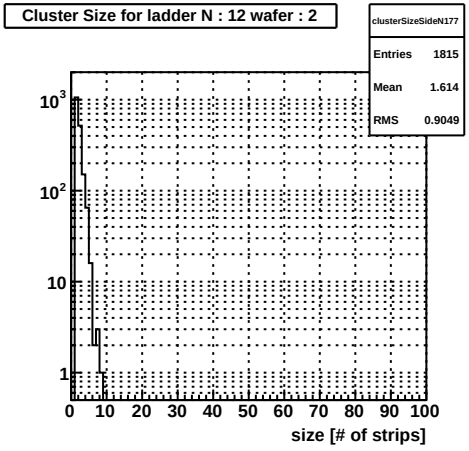

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2786
Mean 1.27
RMS 0.6395
size [# of strips]

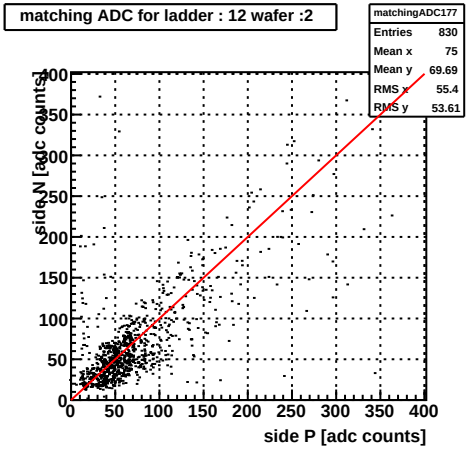

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 966
Mean x 84.1
Mean y 70.7
RMS x 64.81
RMS y 57.31
side N [adc counts]
side P [adc counts]

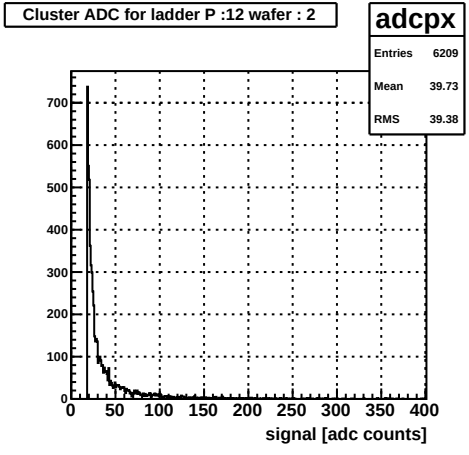

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 4009
Mean 50.19
RMS 56.44
signal [adc counts]

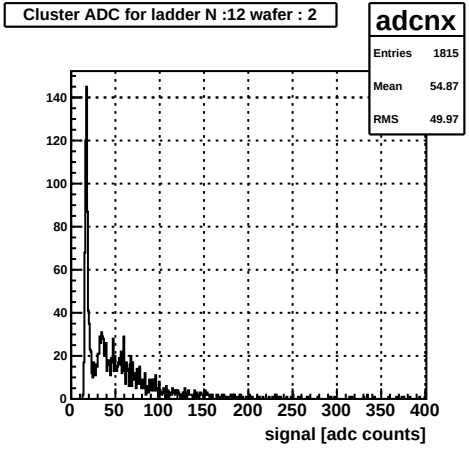

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2786
Mean 44.74
RMS 49.79
signal [adc counts]

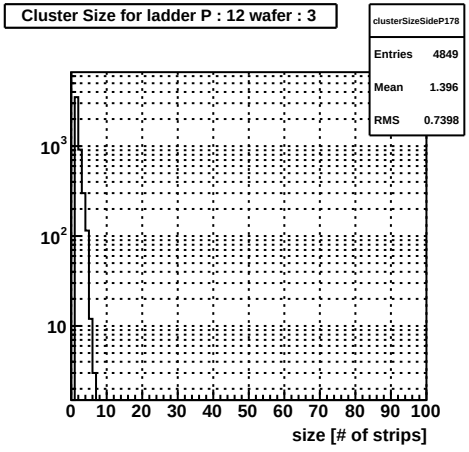

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 6209
Mean 1.18
RMS 0.4982
size [# of strips]

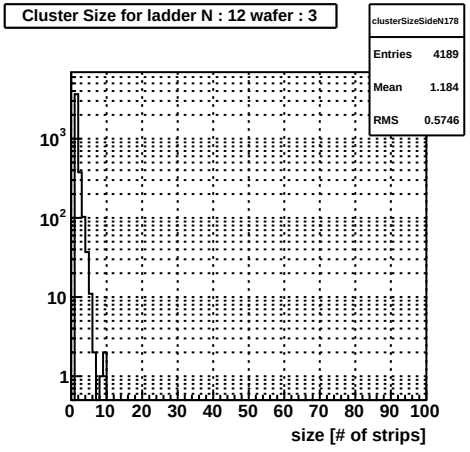

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1815
Mean 1.614
RMS 0.9049
size [# of strips]

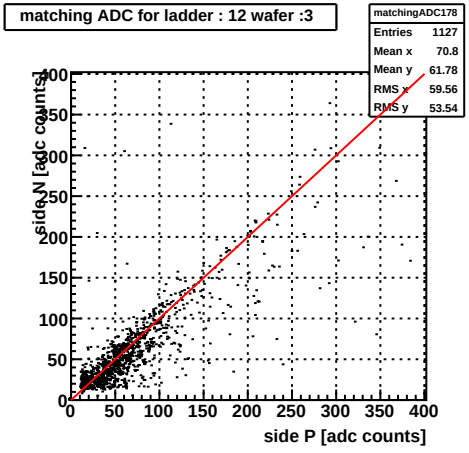

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 830
Mean x 75
Mean y 69.69
RMS x 55.4
RMS y 53.61
side N [adc counts]
side P [adc counts]

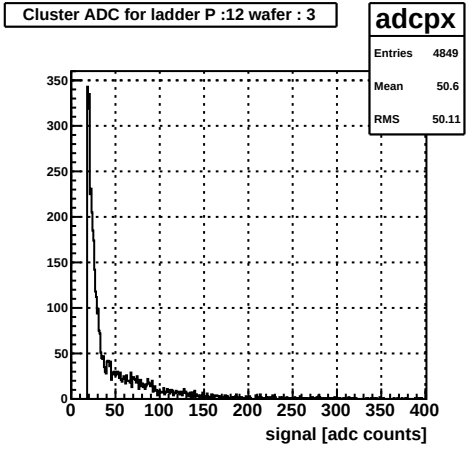

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 6209
Mean 39.73
RMS 39.38
signal [adc counts]

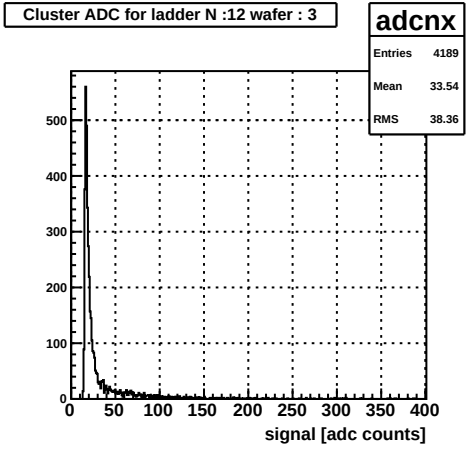

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1815
Mean 54.87
RMS 49.97
signal [adc counts]

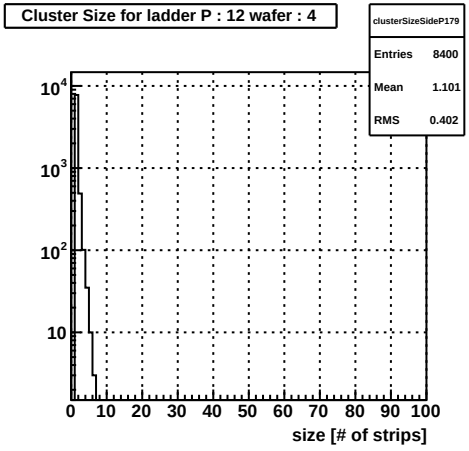

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 4849
Mean 1.396
RMS 0.7398
size [# of strips]

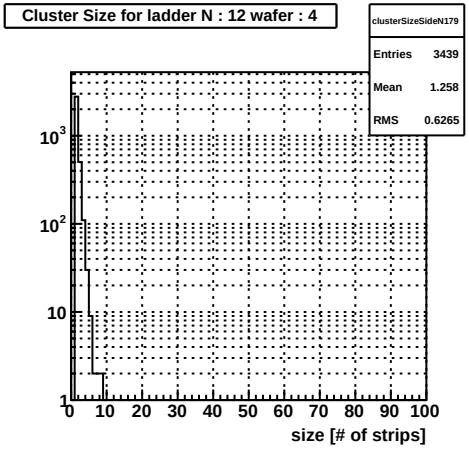

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4189
Mean 1.184
RMS 0.5746
size [# of strips]

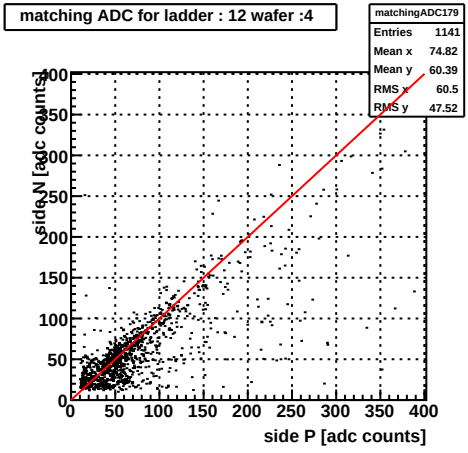

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1127
Mean x 70.8
Mean y 61.78
RMS x 59.56
RMS y 53.54
side N [adc counts]
side P [adc counts]

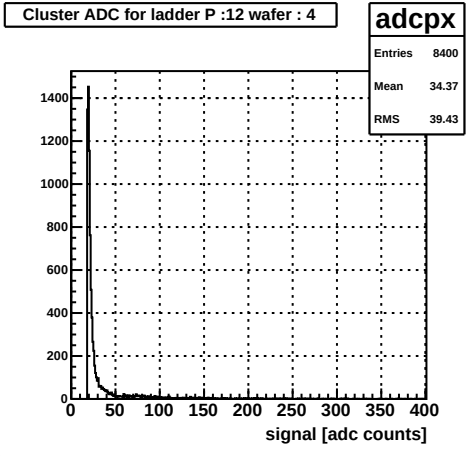

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 4849
Mean 50.6
RMS 50.11
signal [adc counts]

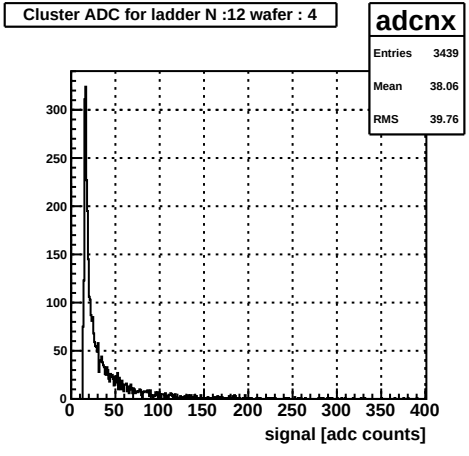

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4189
Mean 33.54
RMS 38.36
signal [adc counts]

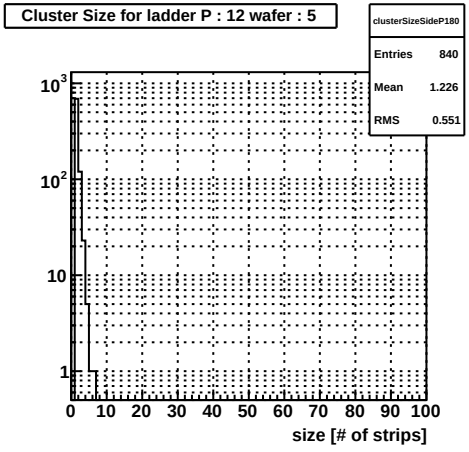

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8400
Mean 1.101
RMS 0.402
size [# of strips]

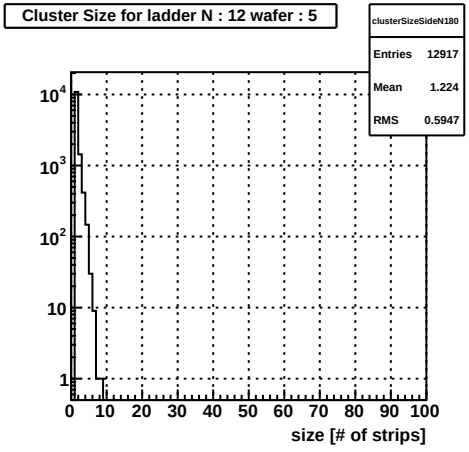

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3439
Mean 1.258
RMS 0.6265
size [# of strips]

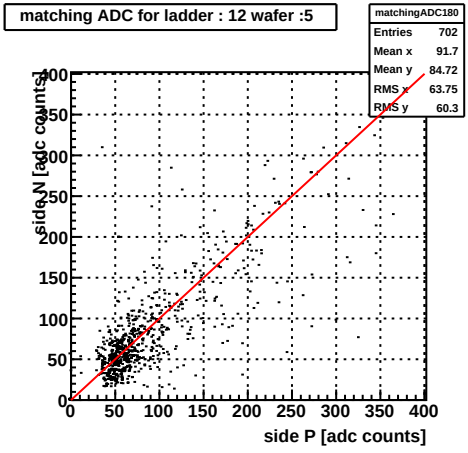

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1141
Mean x 74.82
Mean y 60.39
RMS x 60.5
RMS y 47.52
side N [adc counts]
side P [adc counts]

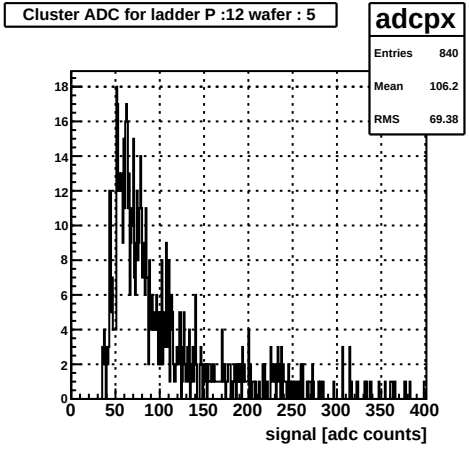

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8400
Mean 34.37
RMS 39.43
signal [adc counts]

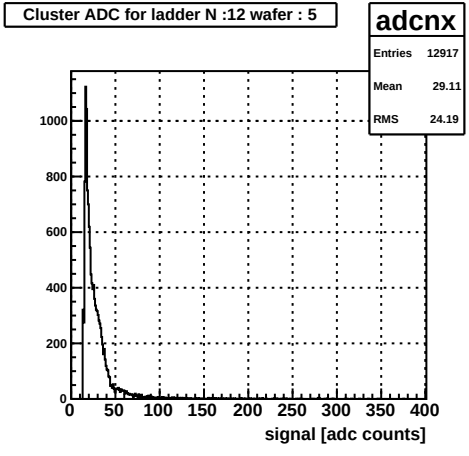

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3439
Mean 38.06
RMS 39.76
signal [adc counts]

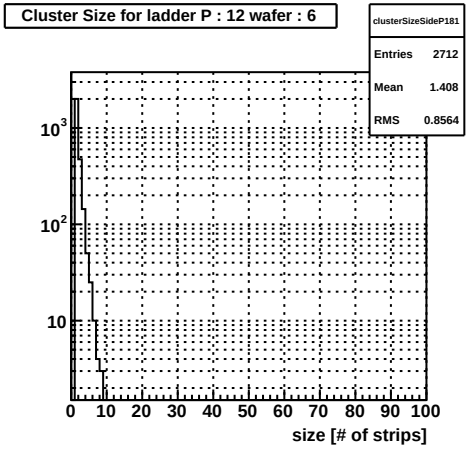

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 840
Mean 1.226
RMS 0.551
size [# of strips]

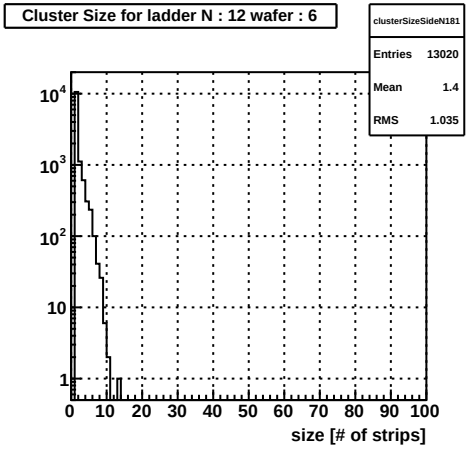

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 12917
Mean 1.224
RMS 0.5947
size [# of strips]

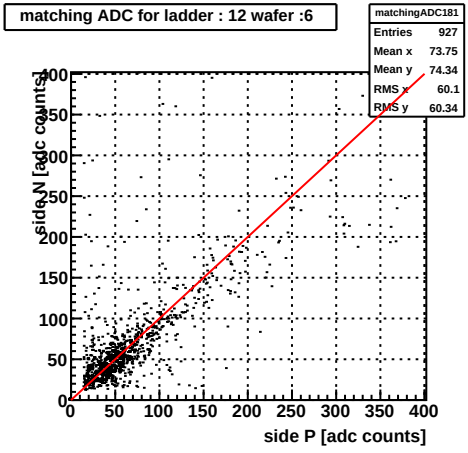

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 702
Mean x 91.7
Mean y 84.72
RMS x 63.75
RMS y 60.3
side N [adc counts]
side P [adc counts]

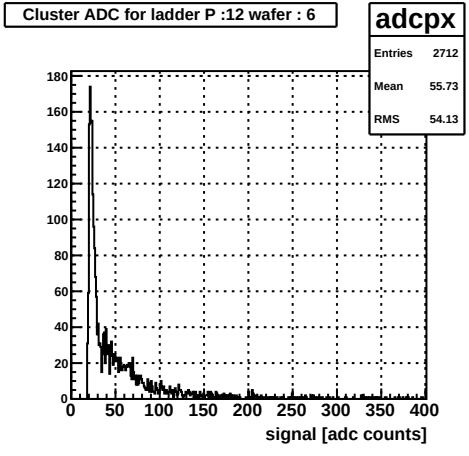

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 840
Mean 106.2
RMS 69.38
signal [adc counts]

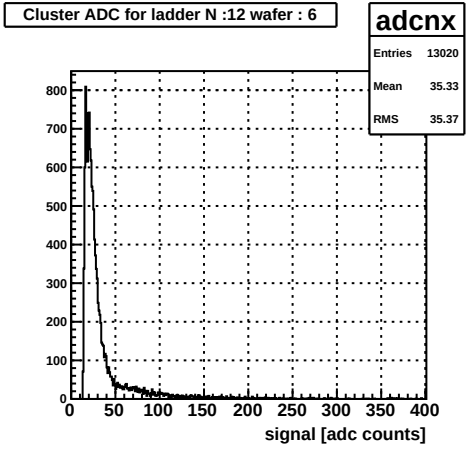

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 12917
Mean 29.11
RMS 24.19
signal [adc counts]

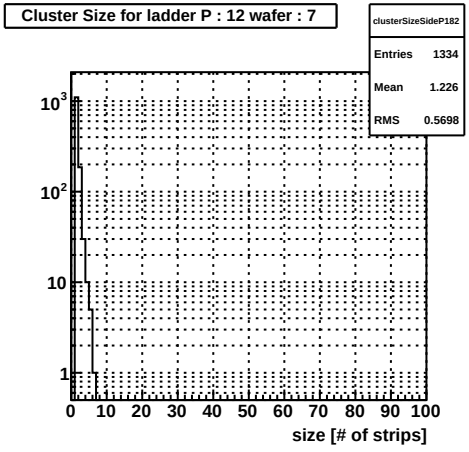

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2712
Mean 1.408
RMS 0.8564
size [# of strips]

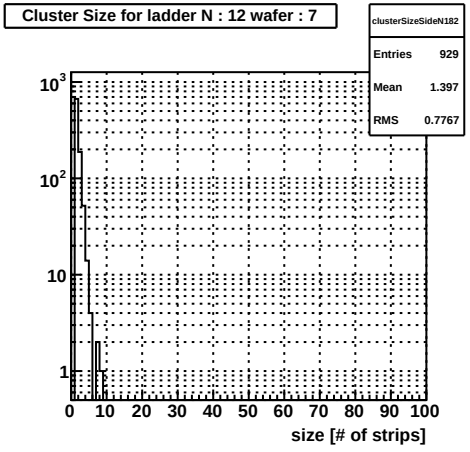

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 13020
Mean 1.4
RMS 1.035
size [# of strips]

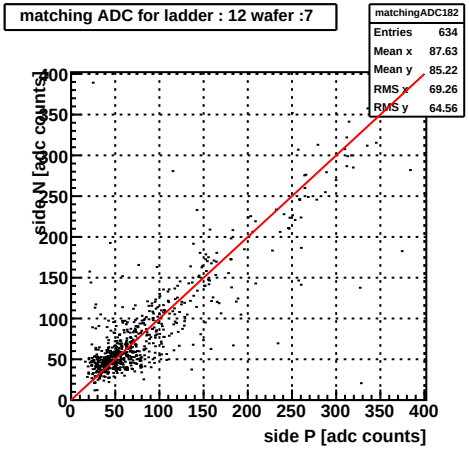

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 927
Mean x 73.75
Mean y 74.34
RMS x 60.1
RMS y 60.34
side N [adc counts]
side P [adc counts]

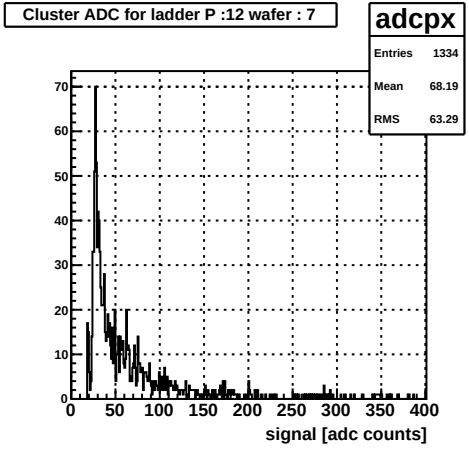

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2712
Mean 55.73
RMS 54.13
signal [adc counts]

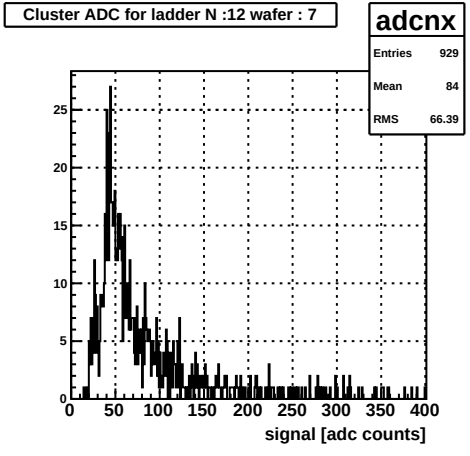

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 13020
Mean 35.33
RMS 35.37
signal [adc counts]

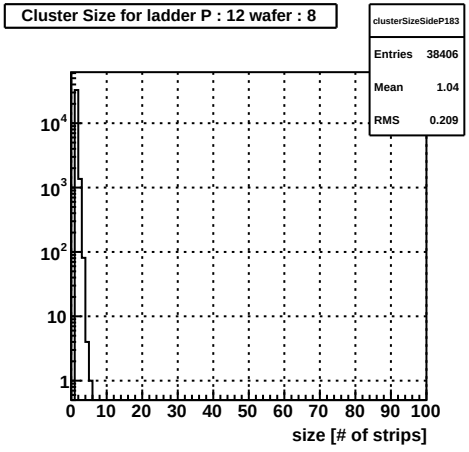

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1334
Mean 1.226
RMS 0.5698
size [# of strips]

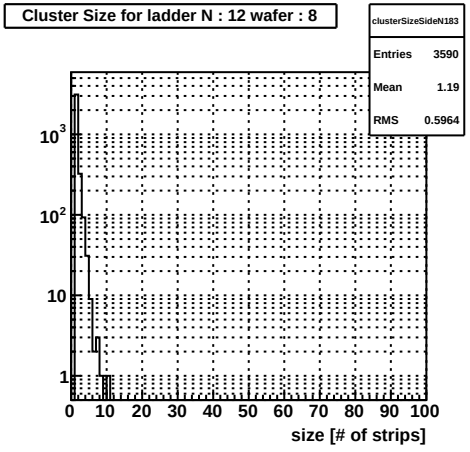

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 929
Mean 1.397
RMS 0.7767
size [# of strips]

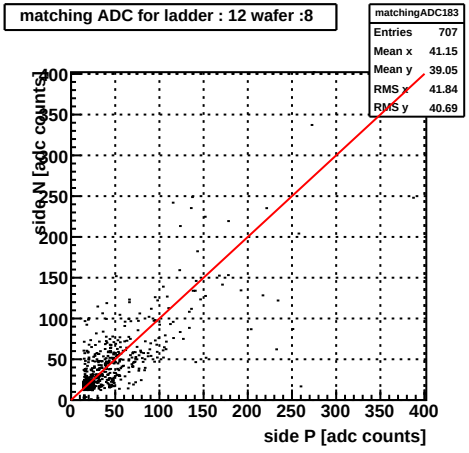

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 634
Mean x 87.63
Mean y 85.22
RMS x 69.26
RMS y 64.56
side N [adc counts]
side P [adc counts]

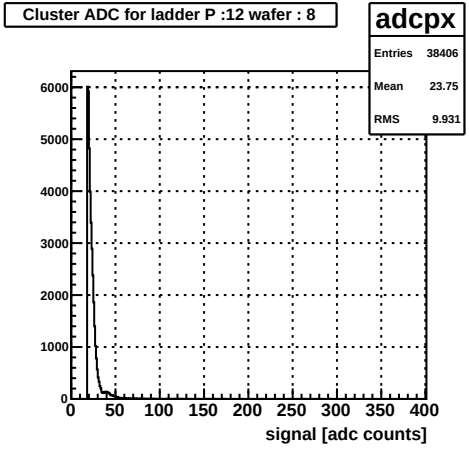

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1334
Mean 68.19
RMS 63.29
signal [adc counts]

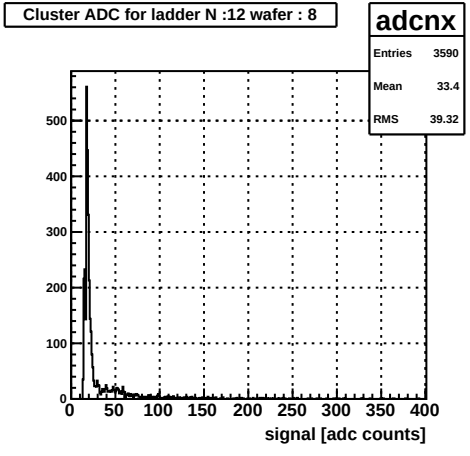

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 929
Mean 84
RMS 66.39
signal [adc counts]

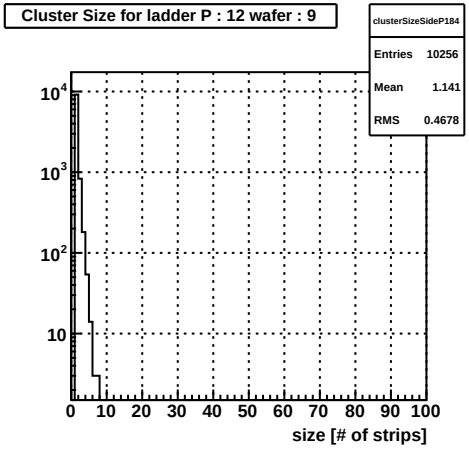

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 38406
Mean 1.04
RMS 0.209
size [# of strips]

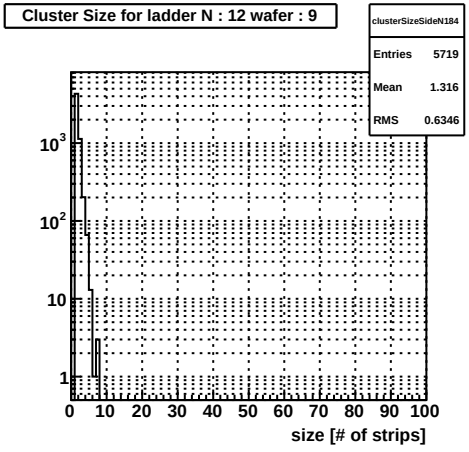

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3590
Mean 1.19
RMS 0.5964
size [# of strips]

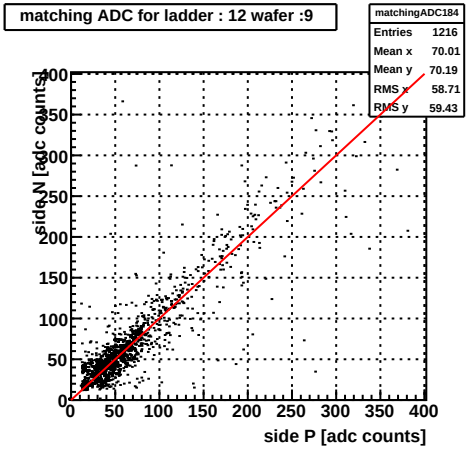

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 707
Mean x 41.15
Mean y 39.05
RMS x 41.84
RMS y 40.69
side N [adc counts]
side P [adc counts]

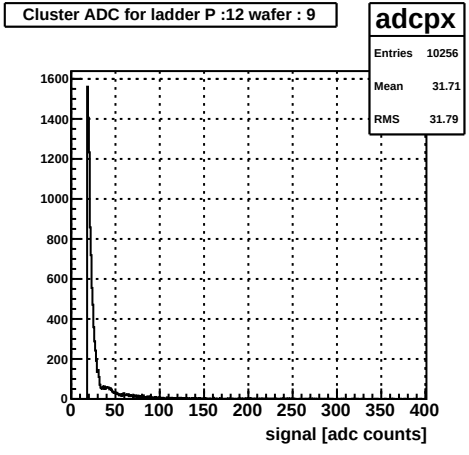

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 38406
Mean 23.75
RMS 9.931
signal [adc counts]

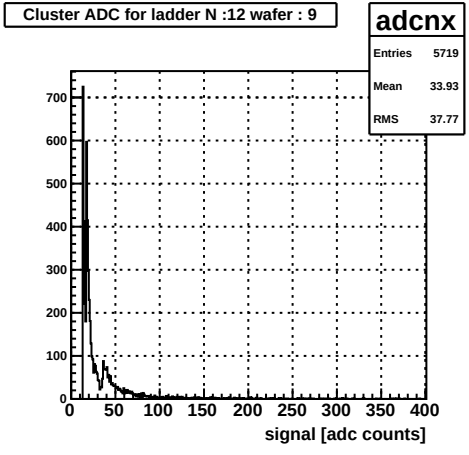

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3590
Mean 33.4
RMS 39.32
signal [adc counts]

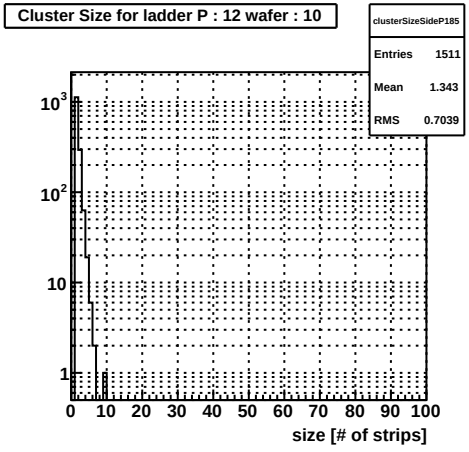

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 10256
Mean 1.141
RMS 0.4678
size [# of strips]

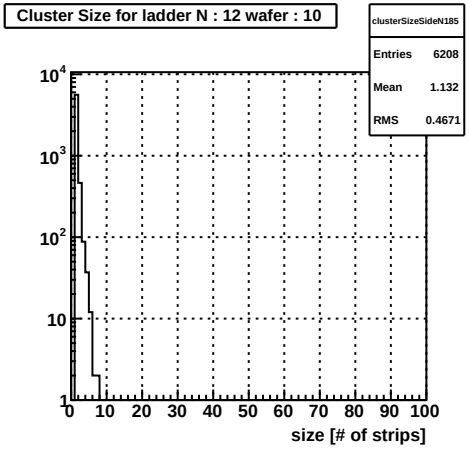

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5719
Mean 1.316
RMS 0.6346
size [# of strips]

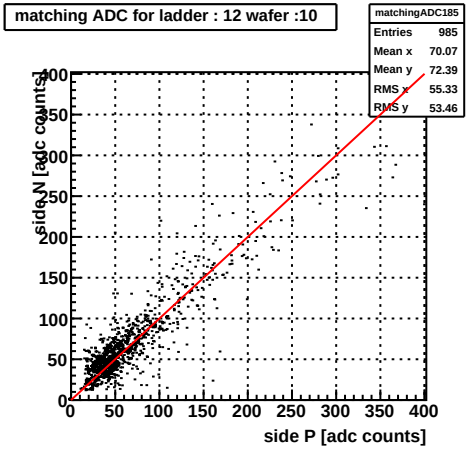

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1216
Mean x 70.01
Mean y 70.19
RMS x 58.71
RMS y 59.43
side N [adc counts]
side P [adc counts]

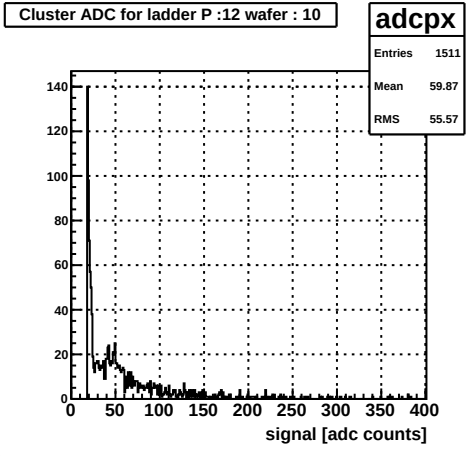

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 10256
Mean 31.71
RMS 31.79
signal [adc counts]

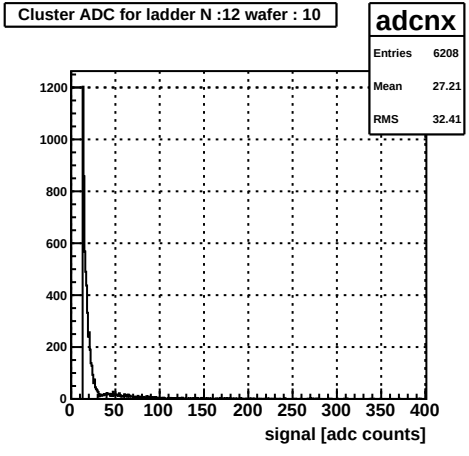

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5719
Mean 33.93
RMS 37.77
signal [adc counts]

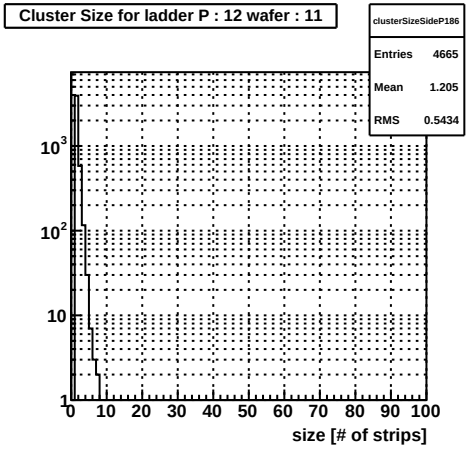

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1511
Mean 1.343
RMS 0.7039
size [# of strips]

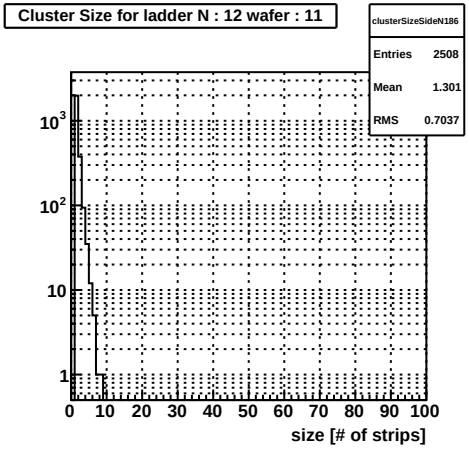

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 6208
Mean 1.132
RMS 0.4671
size [# of strips]

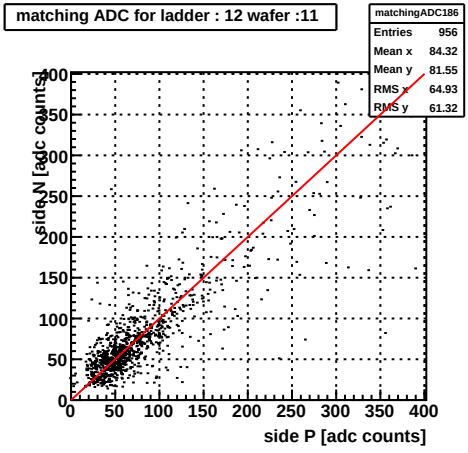

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 985
Mean x 70.07
Mean y 72.39
RMS x 55.33
RMS y 53.46
side N [adc counts]
side P [adc counts]

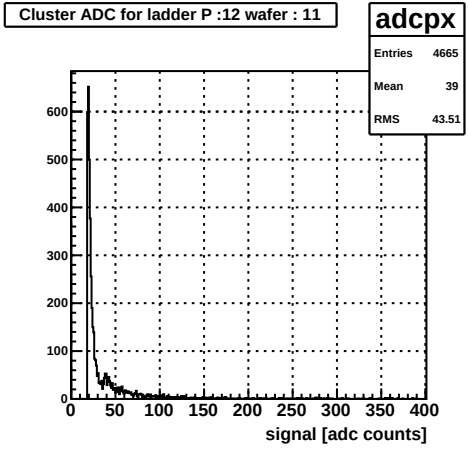

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1511
Mean 59.87
RMS 55.57
signal [adc counts]

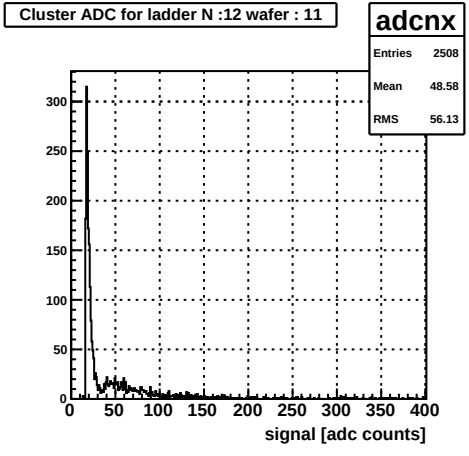

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 6208
Mean 27.21
RMS 32.41
signal [adc counts]

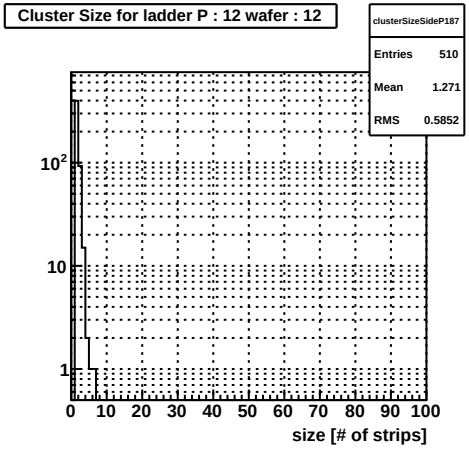

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4665
Mean 1.205
RMS 0.5434
size [# of strips]

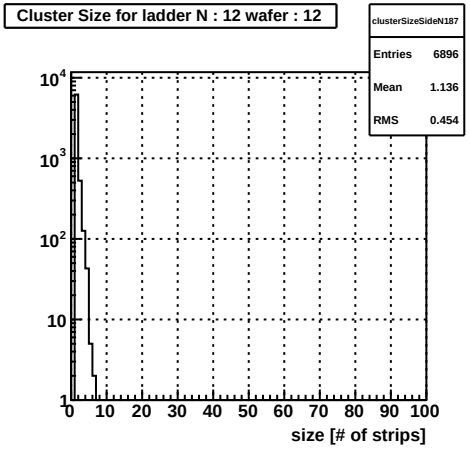

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2508
Mean 1.301
RMS 0.7037
size [# of strips]

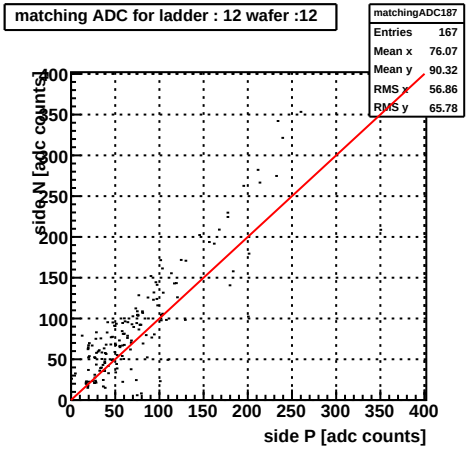

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 956
Mean x 84.32
Mean y 81.55
RMS x 64.93
RMS y 61.32
side N [adc counts]
side P [adc counts]

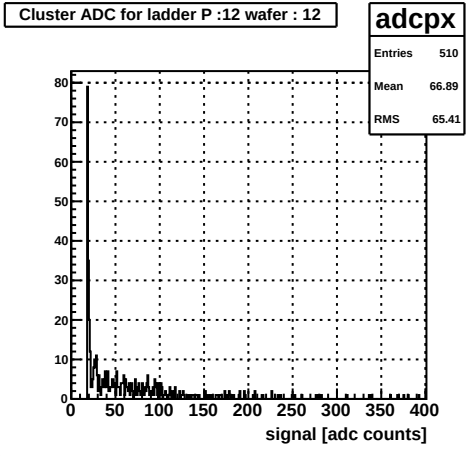

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4665
Mean 39
RMS 43.51
signal [adc counts]

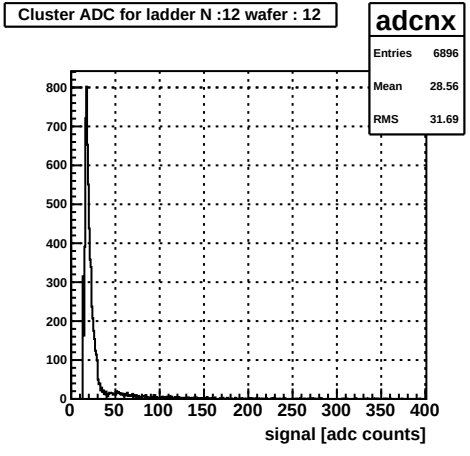

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2508
Mean 48.58
RMS 56.13
signal [adc counts]

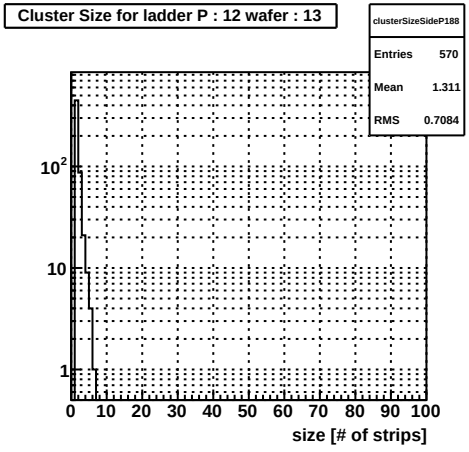

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 510
Mean 1.271
RMS 0.5852
size [# of strips]

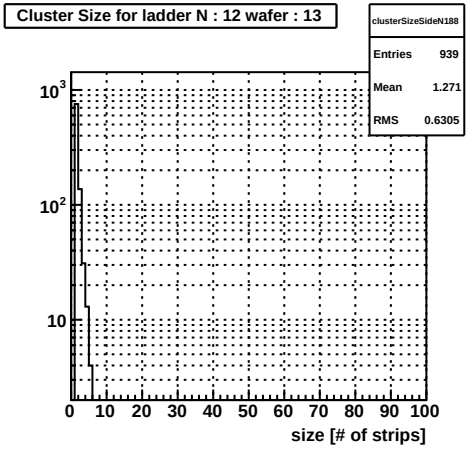

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 6896
Mean 1.136
RMS 0.454
size [# of strips]

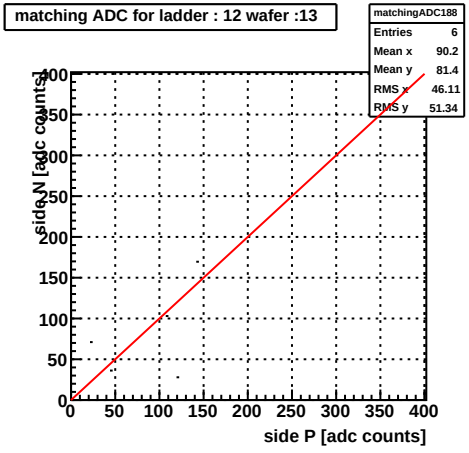

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 167
Mean x 76.07
Mean y 90.32
RMS x 56.86
RMS y 65.78
side N [adc counts]
side P [adc counts]

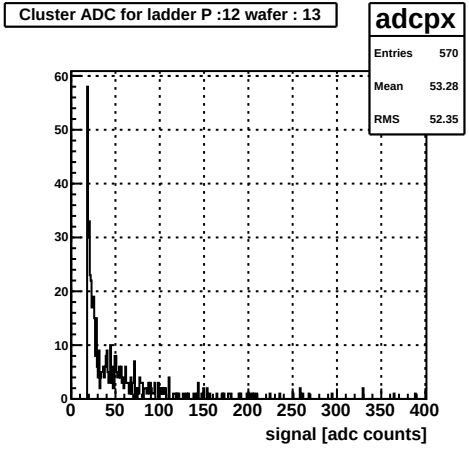

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 510
Mean 66.89
RMS 65.41
signal [adc counts]

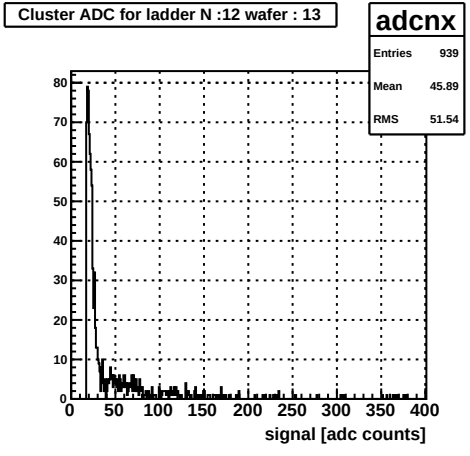

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 6896
Mean 28.56
RMS 31.69
signal [adc counts]

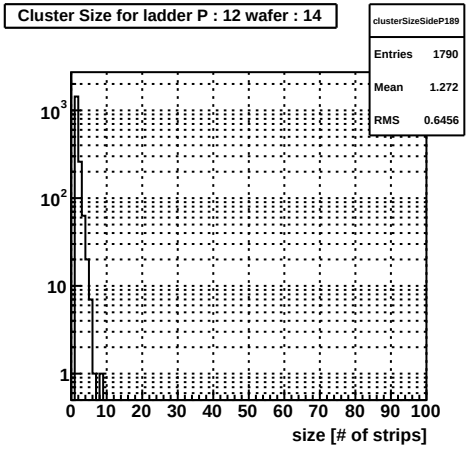

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 570
Mean 1.311
RMS 0.7084
size [# of strips]

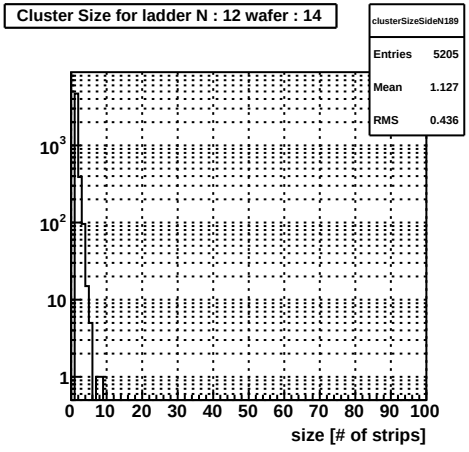

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 939
Mean 1.271
RMS 0.6305
size [# of strips]

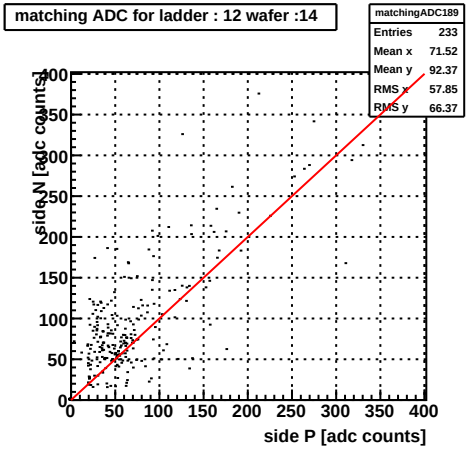

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 6
Mean x 90.2
Mean y 81.4
RMS x 46.11
RMS y 51.34
side N [adc counts]
side P [adc counts]

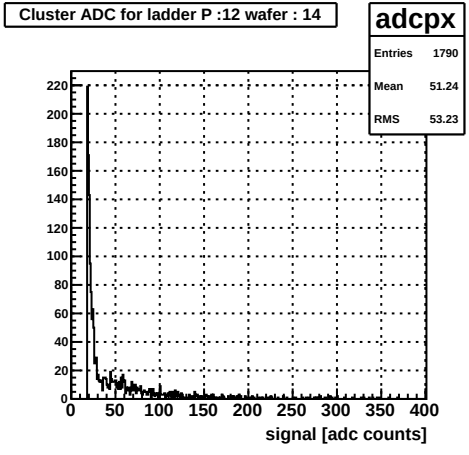

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 570
Mean 53.28
RMS 52.35
signal [adc counts]

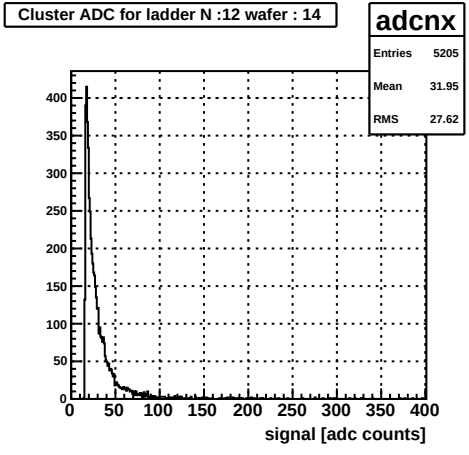

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 939
Mean 45.89
RMS 51.54
signal [adc counts]

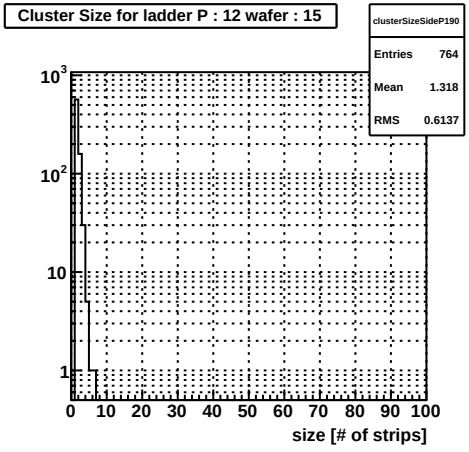

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1790
Mean 1.272
RMS 0.6456
size [# of strips]

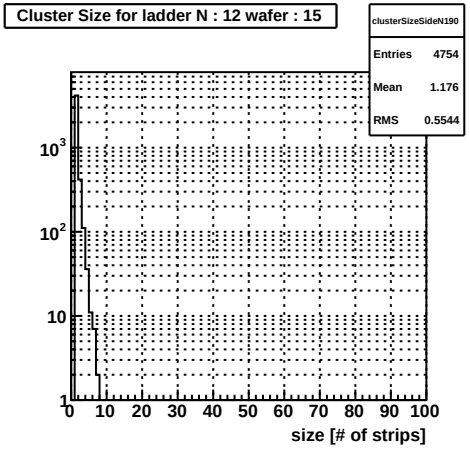

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 5205
Mean 1.127
RMS 0.436
size [# of strips]

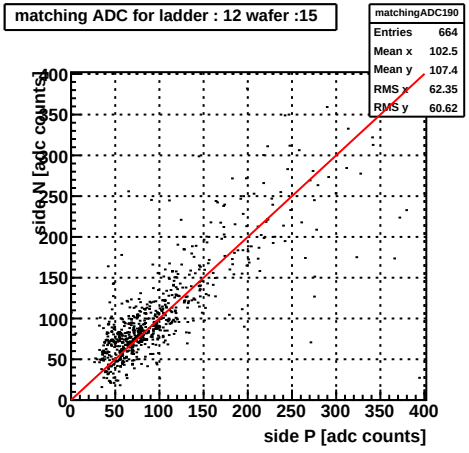

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 233
Mean x 71.52
Mean y 92.37
RMS x 57.85
RMS y 66.37
side N [adc counts]
side P [adc counts]

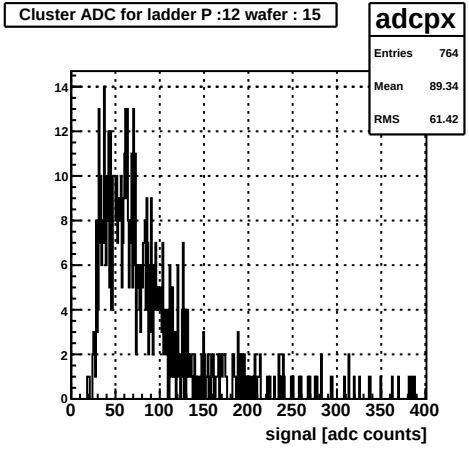

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1790
Mean 51.24
RMS 53.23
signal [adc counts]

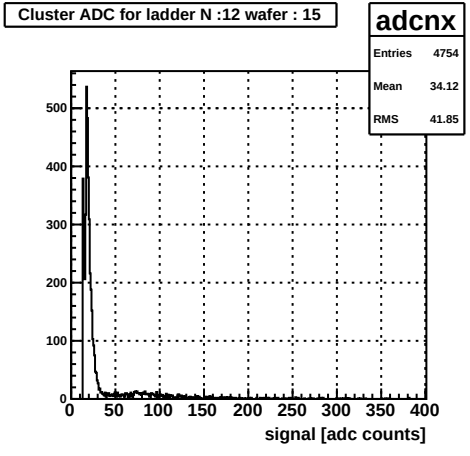

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 5205
Mean 31.95
RMS 27.62
signal [adc counts]

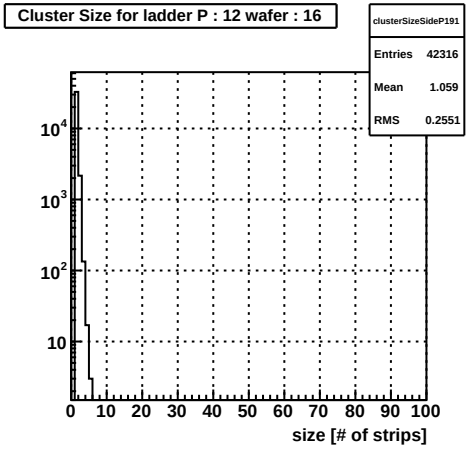

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 764
Mean 1.318
RMS 0.6137
size [# of strips]

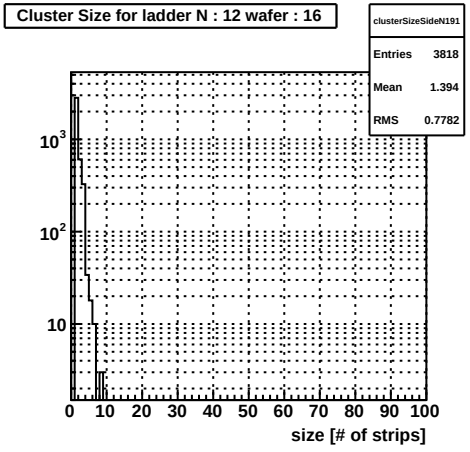

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 4754
Mean 1.176
RMS 0.5544
size [# of strips]

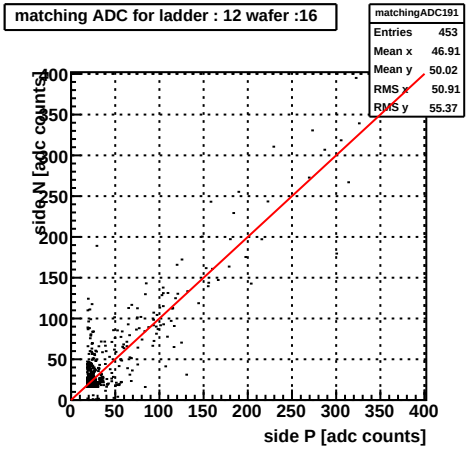

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 664
Mean x 102.5
Mean y 107.4
RMS x 62.35
RMS y 60.62
side N [adc counts]
side P [adc counts]

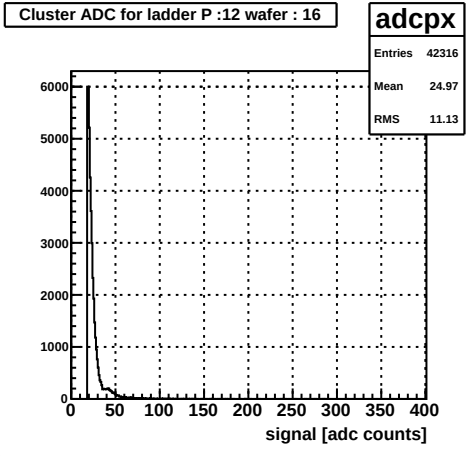

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 764
Mean 89.34
RMS 61.42
signal [adc counts]

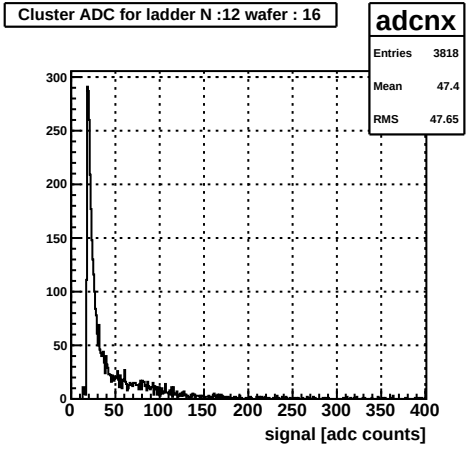

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 4754
Mean 34.12
RMS 41.85
signal [adc counts]

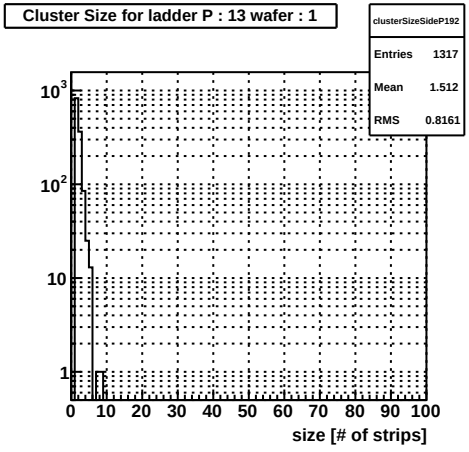

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 42316
Mean 1.059
RMS 0.2551
size [# of strips]

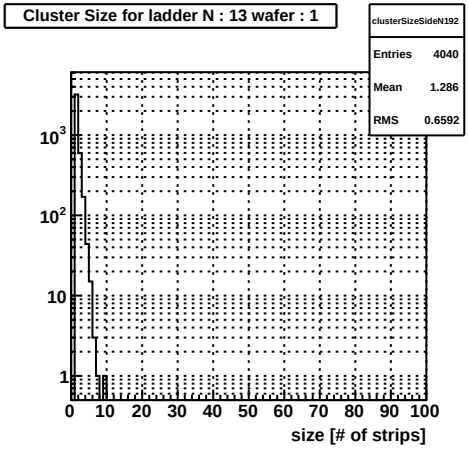

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3818
Mean 1.394
RMS 0.7782
size [# of strips]

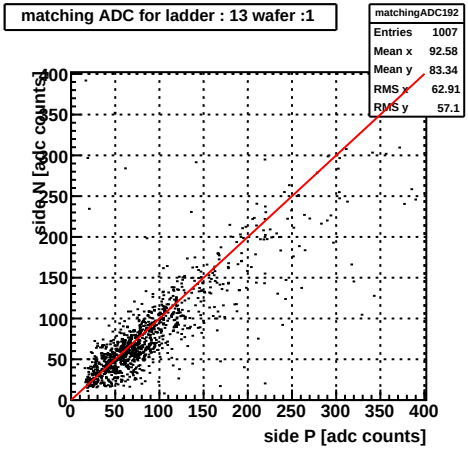

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 453
Mean x 46.91
Mean y 50.02
RMS x 50.91
RMS y 55.37
side N [adc counts]
side P [adc counts]

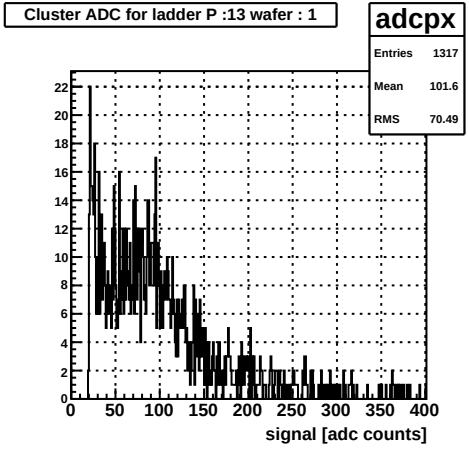

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 42316
Mean 24.97
RMS 11.13
signal [adc counts]

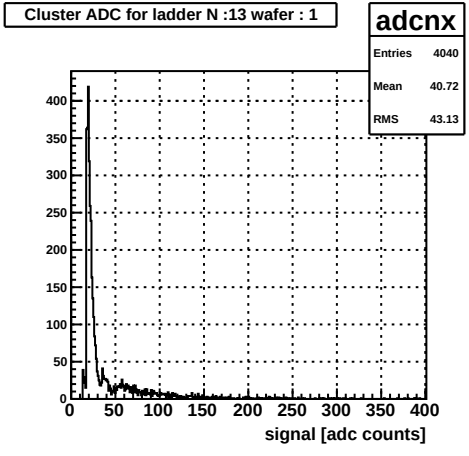

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3818
Mean 47.4
RMS 47.65
signal [adc counts]

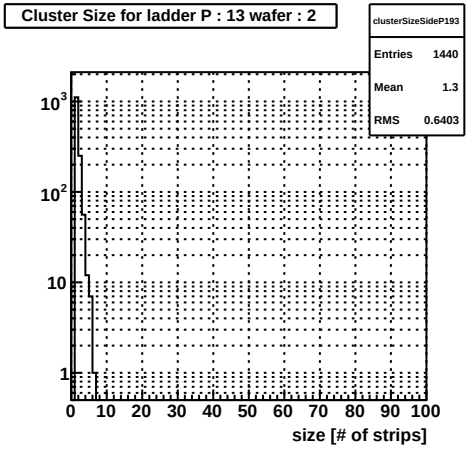

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1317
Mean 1.512
RMS 0.8161
size [# of strips]

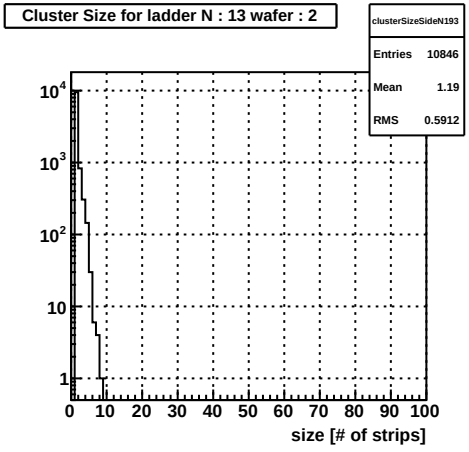

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4040
Mean 1.286
RMS 0.6592
size [# of strips]

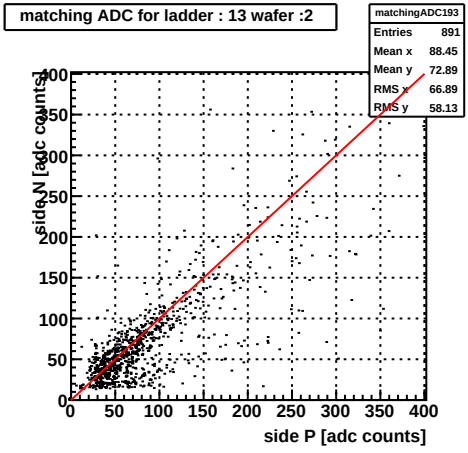

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1007
Mean x 92.58
Mean y 83.34
RMS x 62.91
RMS y 57.1
side N [adc counts]
side P [adc counts]

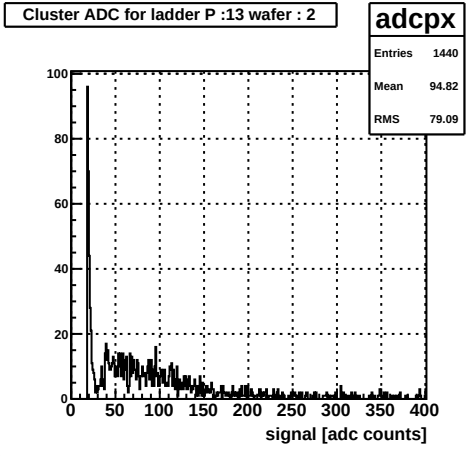

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1317
Mean 101.6
RMS 70.49
signal [adc counts]

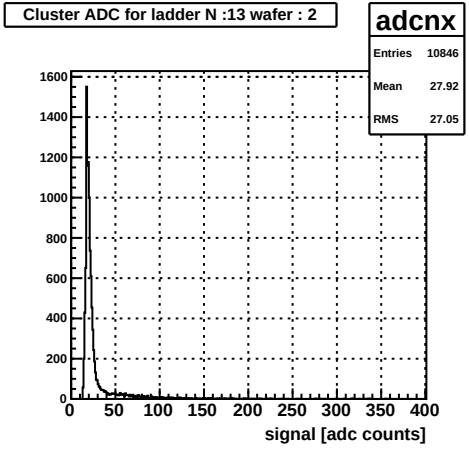

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4040
Mean 40.72
RMS 43.13
signal [adc counts]

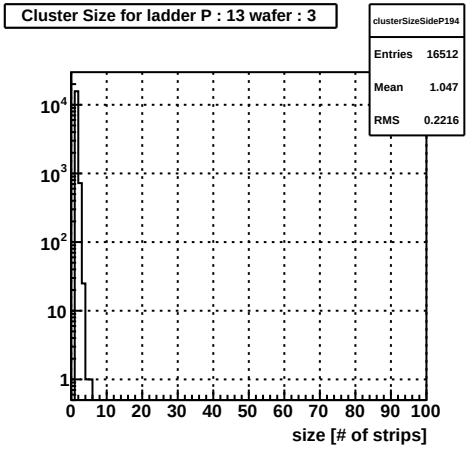

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1440
Mean 1.3
RMS 0.6403
size [# of strips]

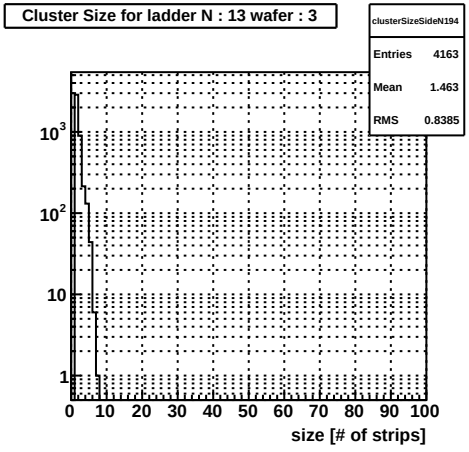

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10846
Mean 1.19
RMS 0.5912
size [# of strips]

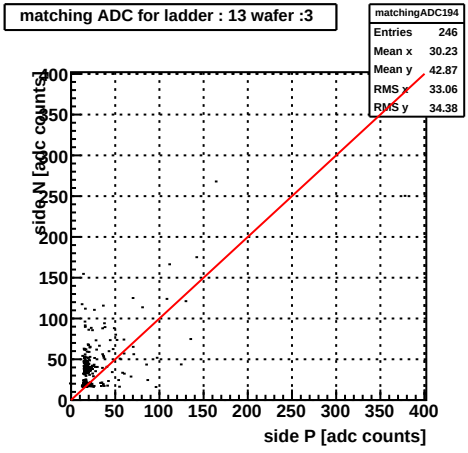

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 891
Mean x 88.45
Mean y 72.89
RMS x 66.89
RMS y 58.13
side N [adc counts]
side P [adc counts]

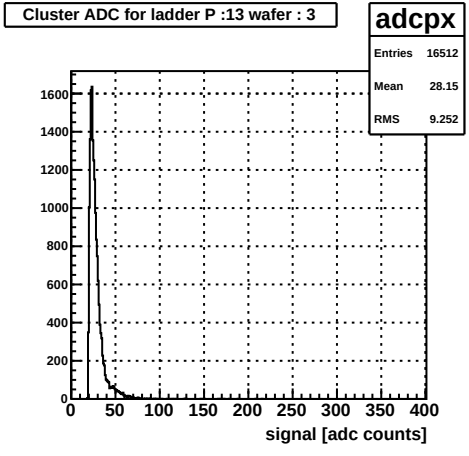

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1440
Mean 94.82
RMS 79.09
signal [adc counts]

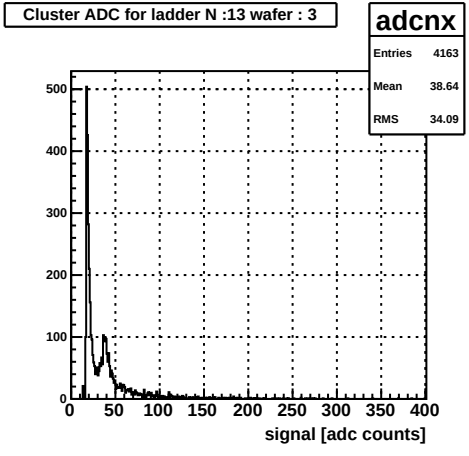

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10846
Mean 27.92
RMS 27.05
signal [adc counts]

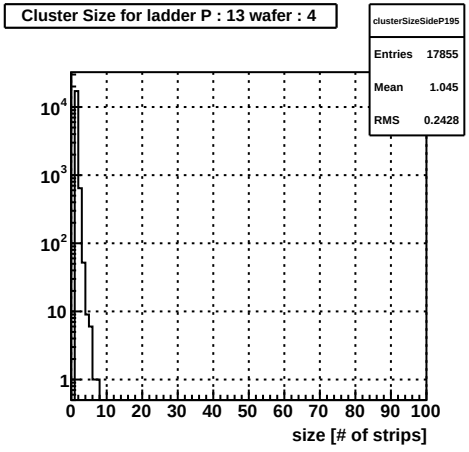

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 16512
Mean 1.047
RMS 0.2216
size [# of strips]

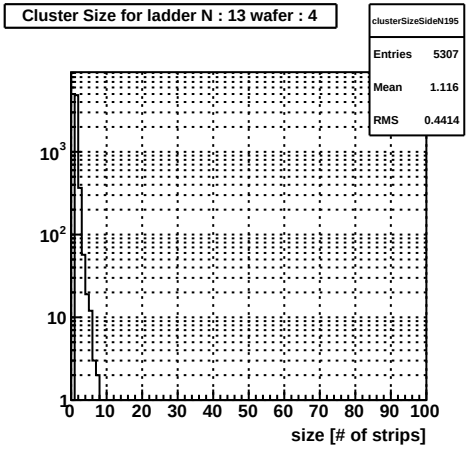

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4163
Mean 1.463
RMS 0.8385
size [# of strips]

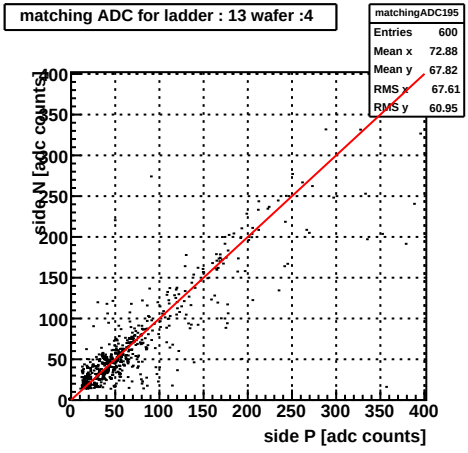

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 246
Mean x 30.23
Mean y 42.87
RMS x 33.06
RMS y 34.38
side N [adc counts]
side P [adc counts]

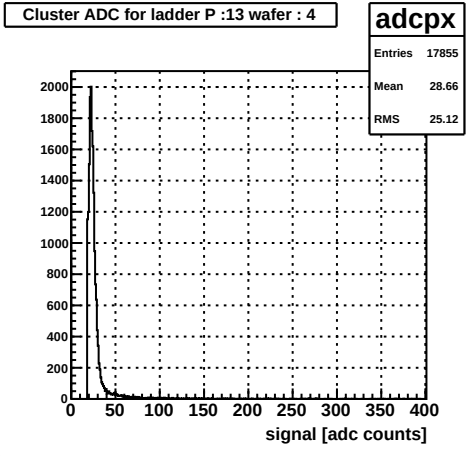

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 16512
Mean 28.15
RMS 9.252
signal [adc counts]

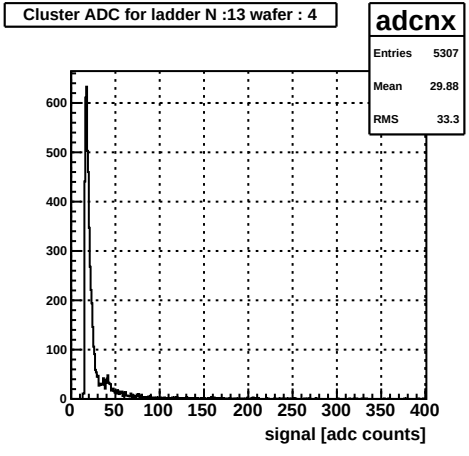

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4163
Mean 38.64
RMS 34.09
signal [adc counts]

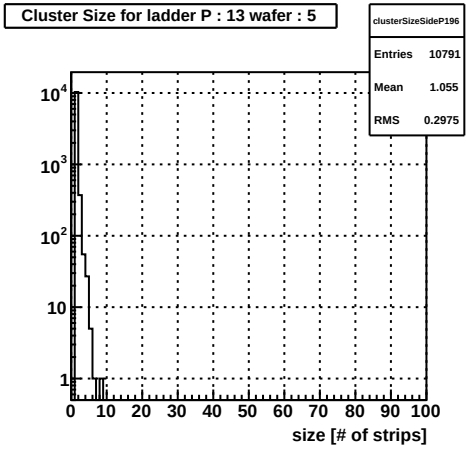

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 17855
Mean 1.045
RMS 0.2428
size [# of strips]

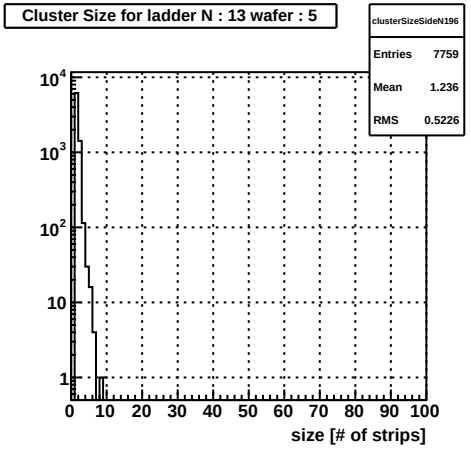

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5307
Mean 1.116
RMS 0.4414
size [# of strips]

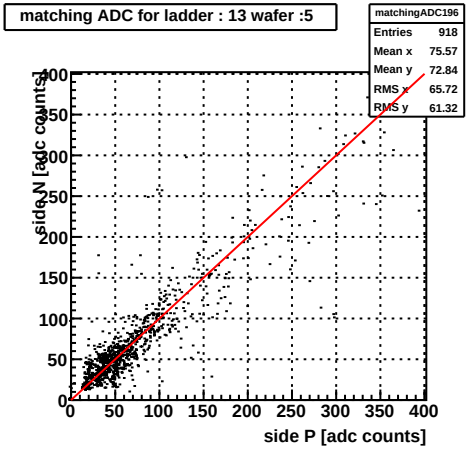

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 600
Mean x 72.88
Mean y 67.82
RMS x 67.61
RMS y 60.95
side N [adc counts]
side P [adc counts]

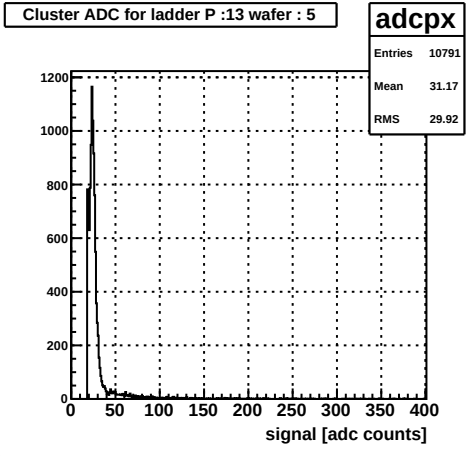

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 17855
Mean 28.66
RMS 25.12
signal [adc counts]

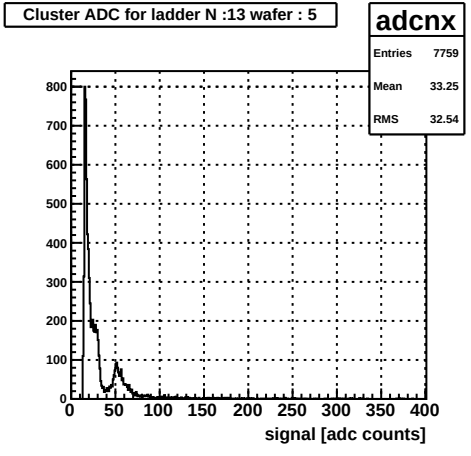

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5307
Mean 29.88
RMS 33.3
signal [adc counts]

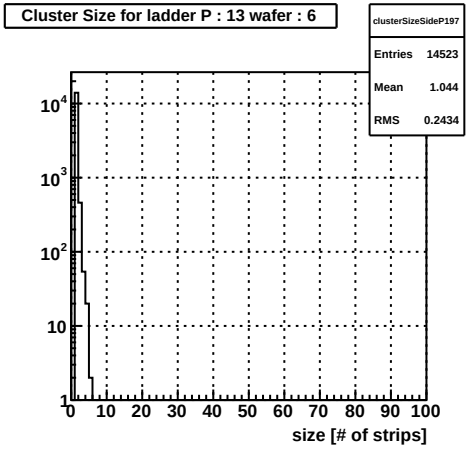

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 10791
Mean 1.055
RMS 0.2975
size [# of strips]

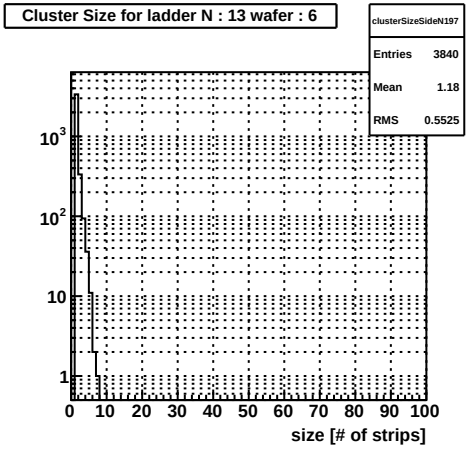

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7759
Mean 1.236
RMS 0.5226
size [# of strips]

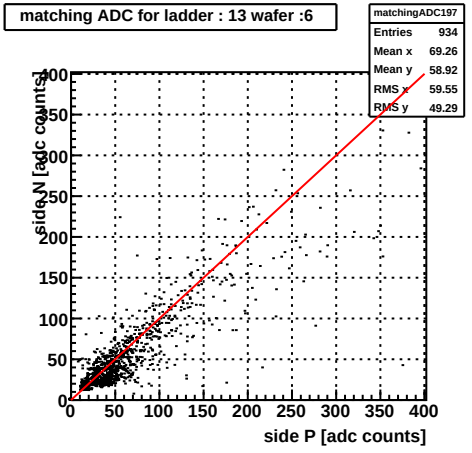

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 918
Mean x 75.57
Mean y 72.84
RMS x 65.72
RMS y 61.32
side N [adc counts]
side P [adc counts]

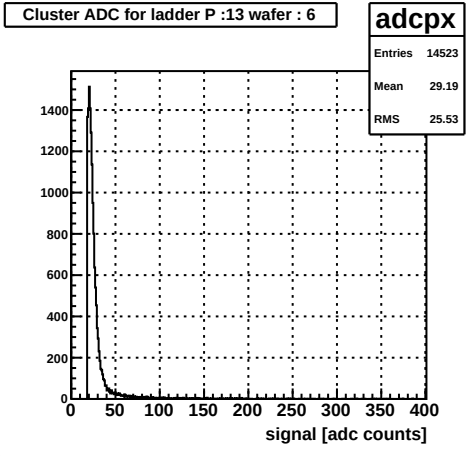

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 10791
Mean 31.17
RMS 29.92
signal [adc counts]

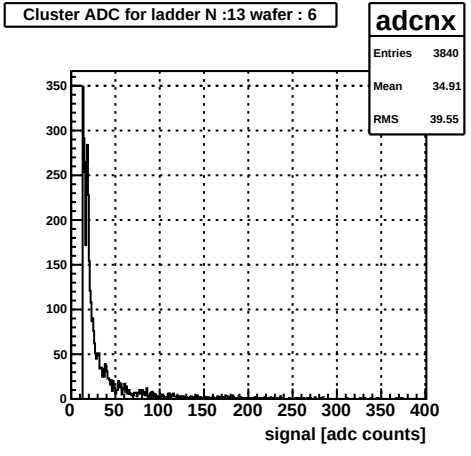

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7759
Mean 33.25
RMS 32.54
signal [adc counts]

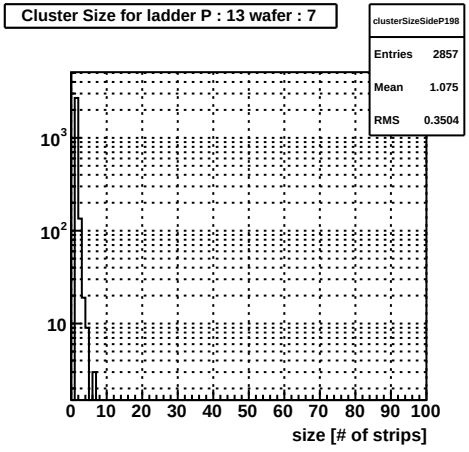

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14523
Mean 1.044
RMS 0.2434
size [# of strips]

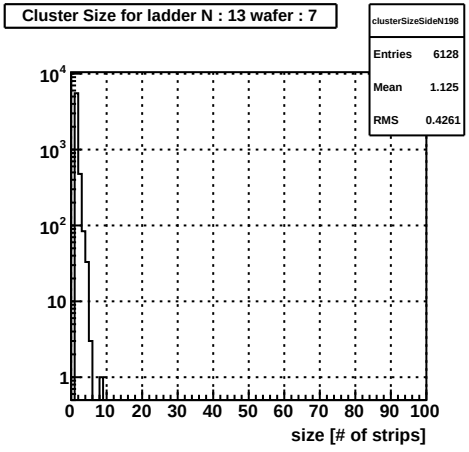

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3840
Mean 1.18
RMS 0.5525
size [# of strips]

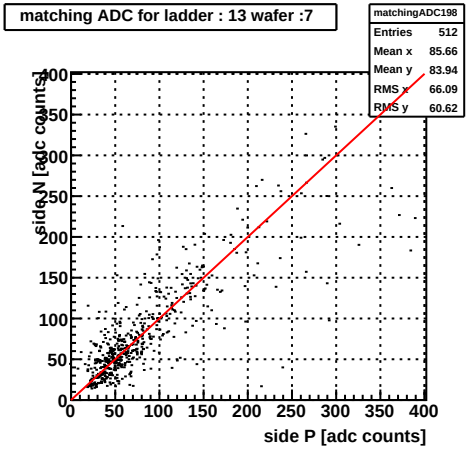

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 934
Mean x 69.26
Mean y 58.92
RMS x 59.55
RMS y 49.29
side N [adc counts]
side P [adc counts]

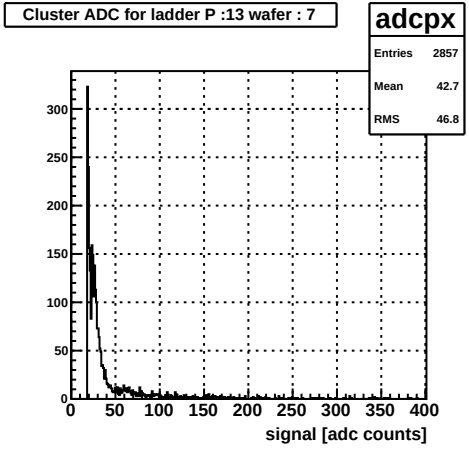

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14523
Mean 29.19
RMS 25.53
signal [adc counts]

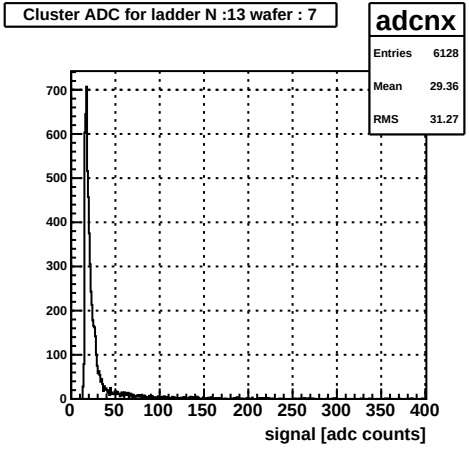

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3840
Mean 34.91
RMS 39.55
signal [adc counts]

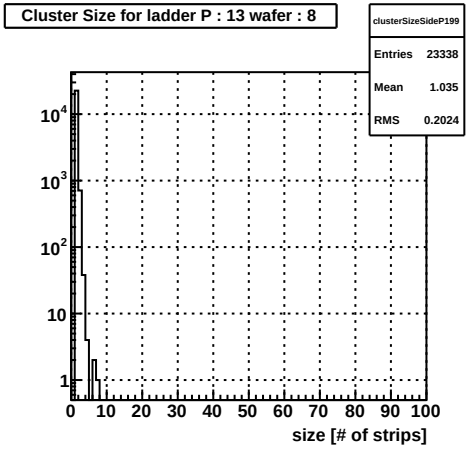

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2857
Mean 1.075
RMS 0.3504
size [# of strips]

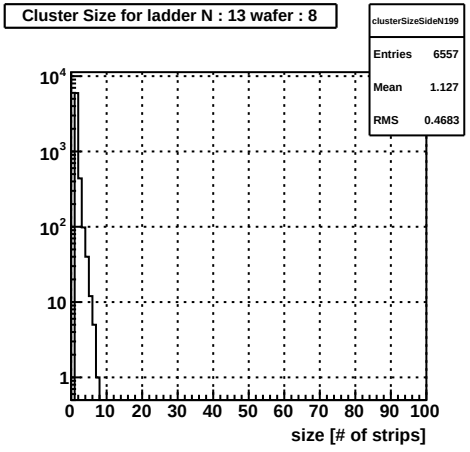

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6128
Mean 1.125
RMS 0.4261
size [# of strips]

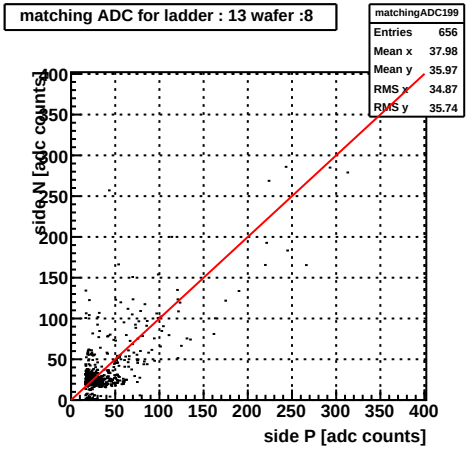

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 512
Mean x 85.66
Mean y 83.94
RMS x 66.09
RMS y 60.62
side N [adc counts]
side P [adc counts]

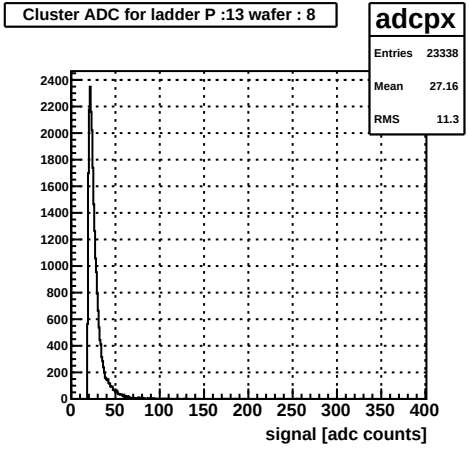

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2857
Mean 42.7
RMS 46.8
signal [adc counts]

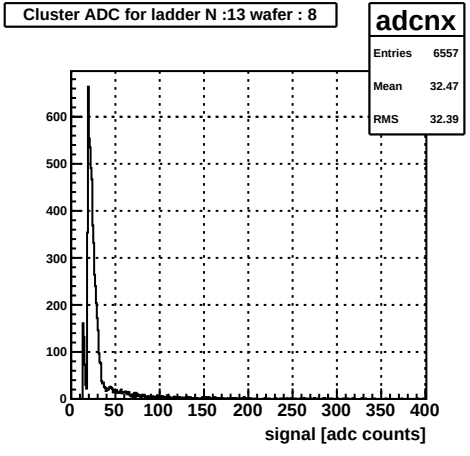

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6128
Mean 29.36
RMS 31.27
signal [adc counts]

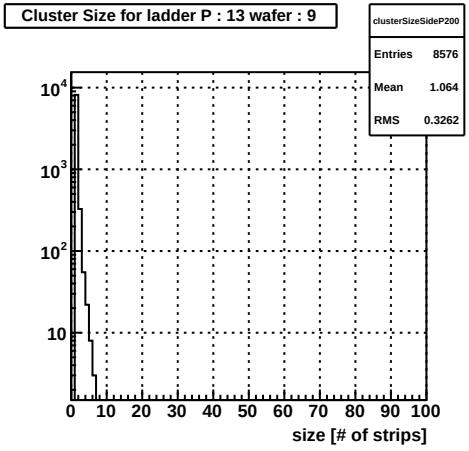

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 23338
Mean 1.035
RMS 0.2024
size [# of strips]

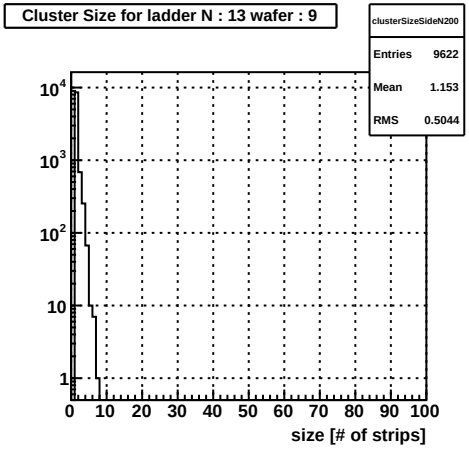

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 6557
Mean 1.127
RMS 0.4683
size [# of strips]

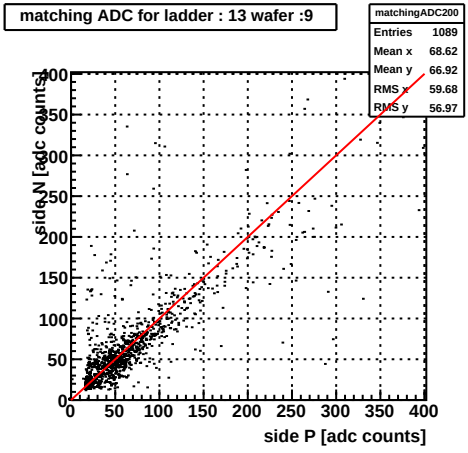

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 656
Mean x 37.98
Mean y 35.97
RMS x 34.87
RMS y 35.74
side N [adc counts]
side P [adc counts]

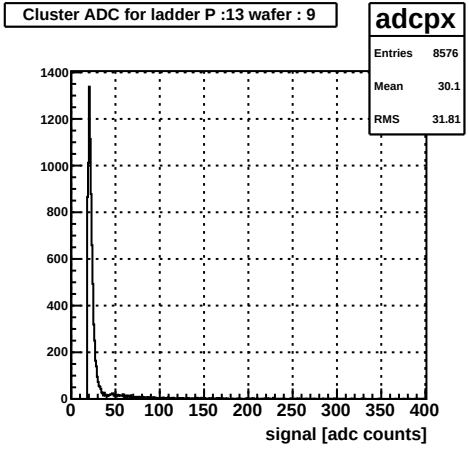

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 23338
Mean 27.16
RMS 11.3
signal [adc counts]

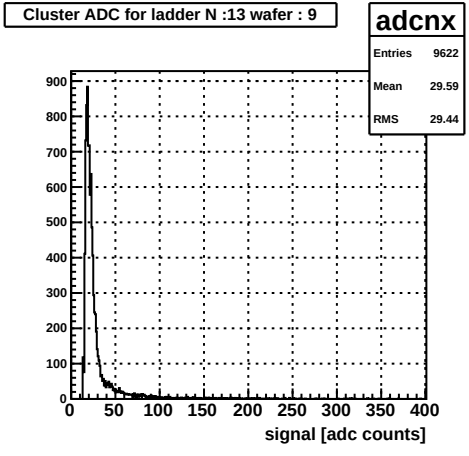

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 6557
Mean 32.47
RMS 32.39
signal [adc counts]

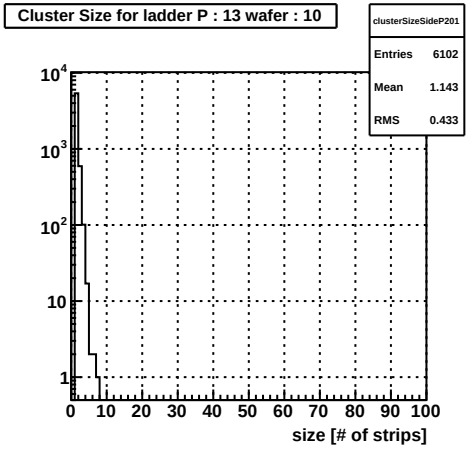

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 8576
Mean 1.064
RMS 0.3262
size [# of strips]

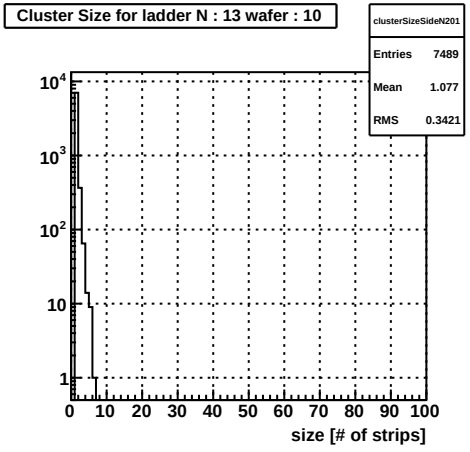

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 9622
Mean 1.153
RMS 0.5044
size [# of strips]

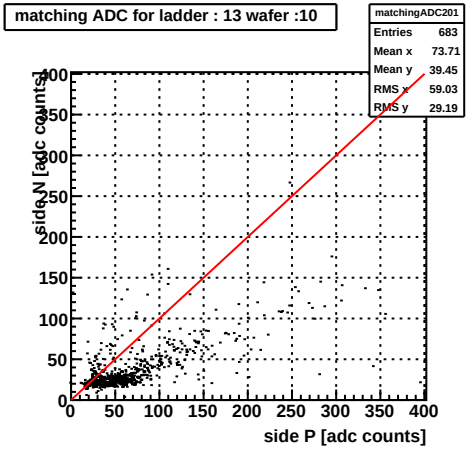

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1089
Mean x 68.62
Mean y 66.92
RMS x 59.68
RMS y 56.97
side N [adc counts]
side P [adc counts]

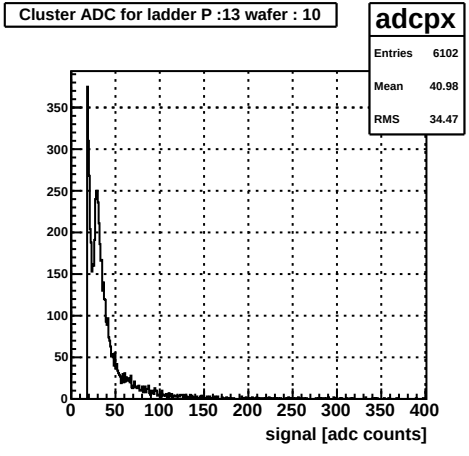

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 8576
Mean 30.1
RMS 31.81
signal [adc counts]

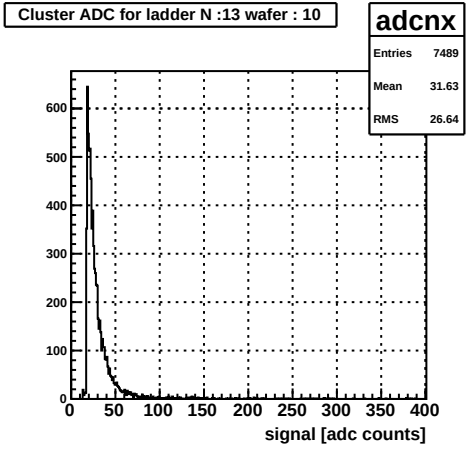

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 9622
Mean 29.59
RMS 29.44
signal [adc counts]

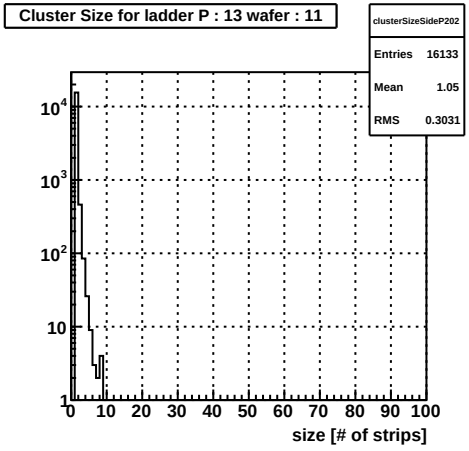

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 6102
Mean 1.143
RMS 0.433
size [# of strips]

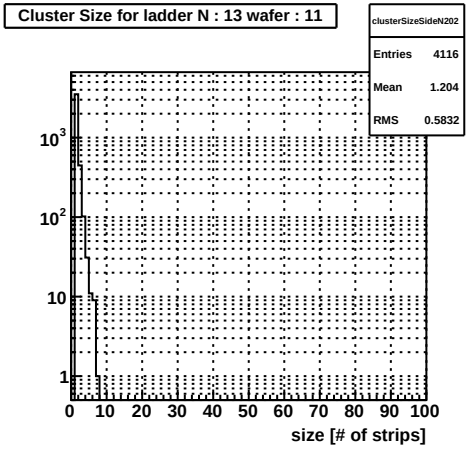

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 7489
Mean 1.077
RMS 0.3421
size [# of strips]

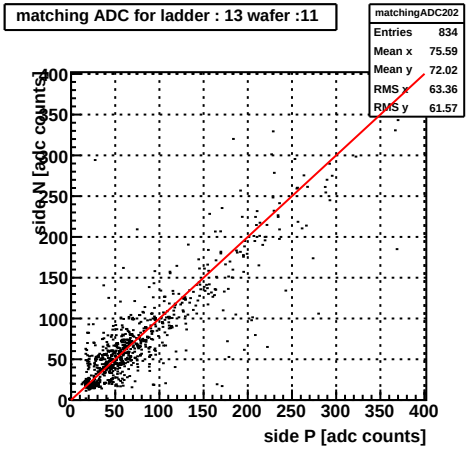

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 683
Mean x 73.71
Mean y 39.45
RMS x 59.03
RMS y 29.19
side N [adc counts]
side P [adc counts]

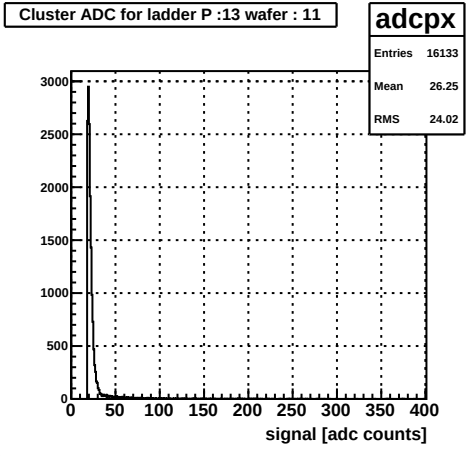

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 6102
Mean 40.98
RMS 34.47
signal [adc counts]

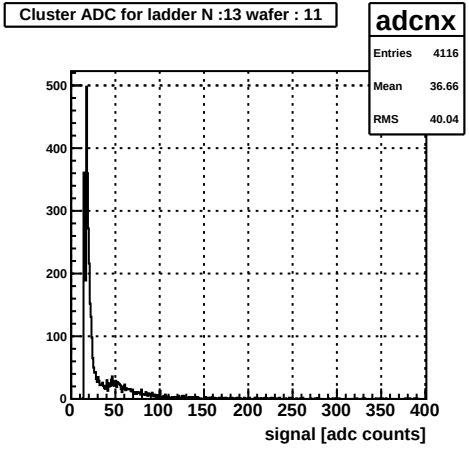

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 7489
Mean 31.63
RMS 26.64
signal [adc counts]

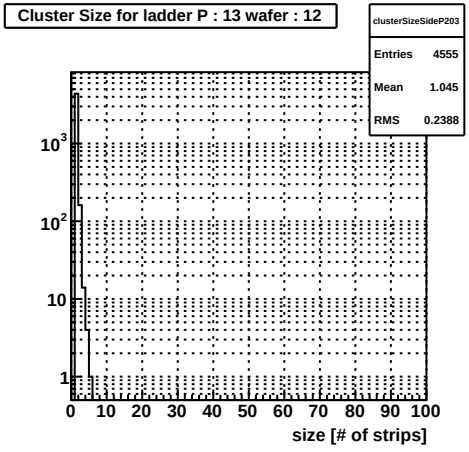

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 16133
Mean 1.05
RMS 0.3031
size [# of strips]

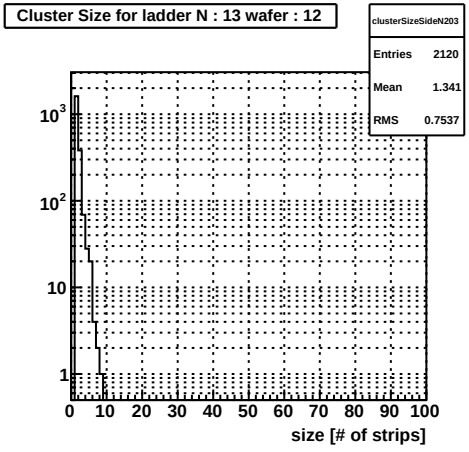

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 4116
Mean 1.204
RMS 0.5832
size [# of strips]

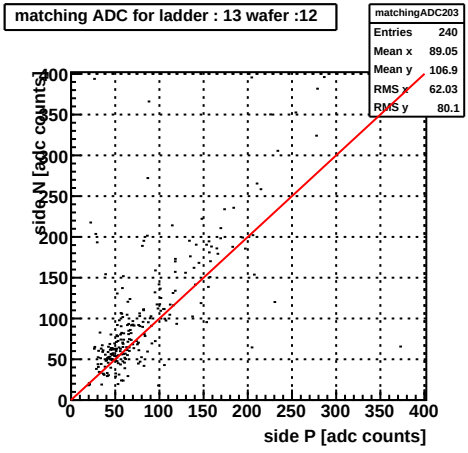

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 834
Mean x 75.59
Mean y 72.02
RMS x 63.36
RMS y 61.57
side N [adc counts]
side P [adc counts]

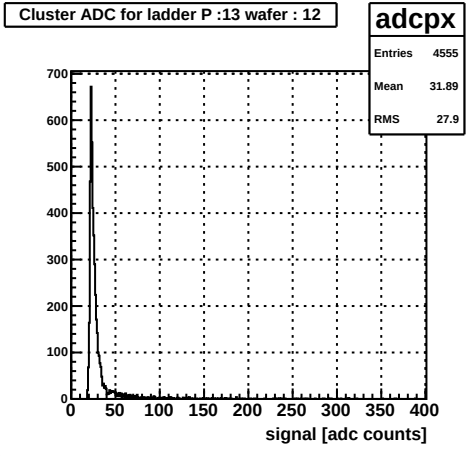

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 16133
Mean 26.25
RMS 24.02
signal [adc counts]

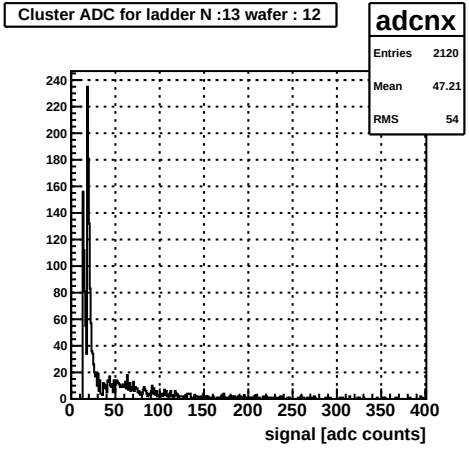

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 4116
Mean 36.66
RMS 40.04
signal [adc counts]

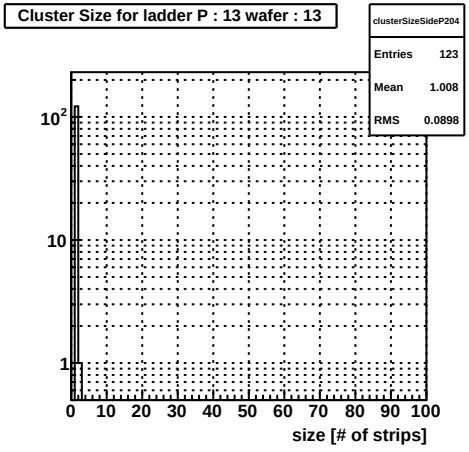

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4555
Mean 1.045
RMS 0.2388
size [# of strips]

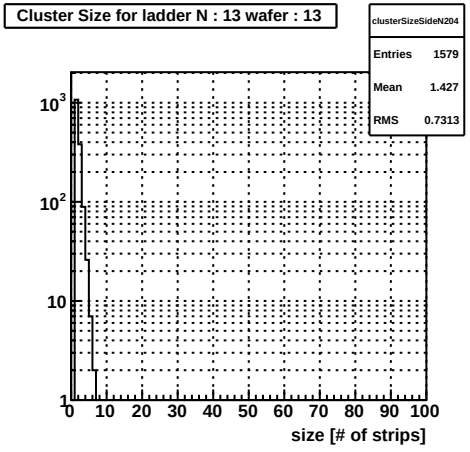

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2120
Mean 1.341
RMS 0.7537
size [# of strips]

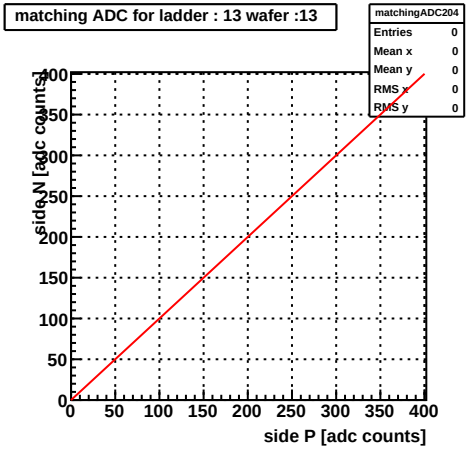

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 240
Mean x 89.05
Mean y 106.9
RMS x 62.03
RMS y 80.1
side N [adc counts]
side P [adc counts]

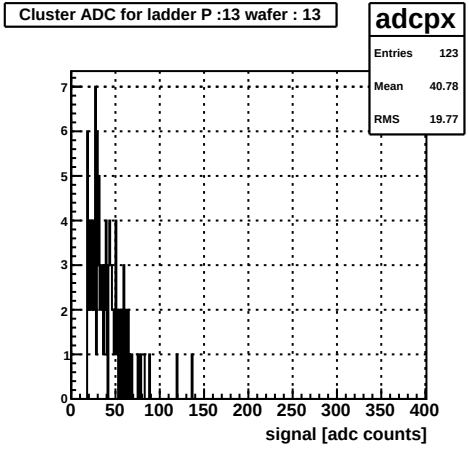

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4555
Mean 31.89
RMS 27.9
signal [adc counts]

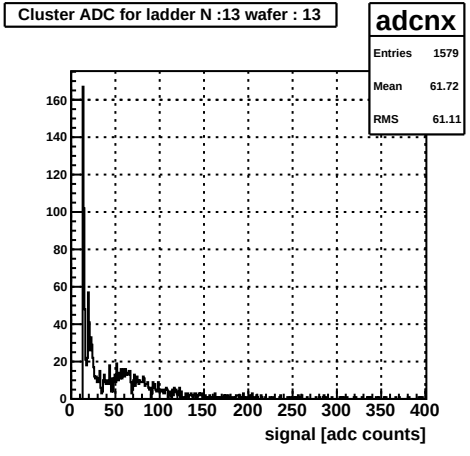

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2120
Mean 47.21
RMS 54
signal [adc counts]

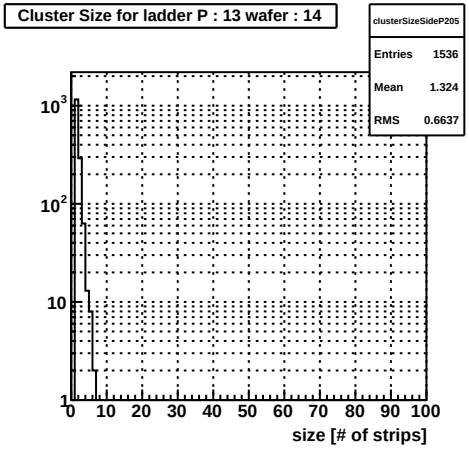

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 123
Mean 1.008
RMS 0.0898
size [# of strips]

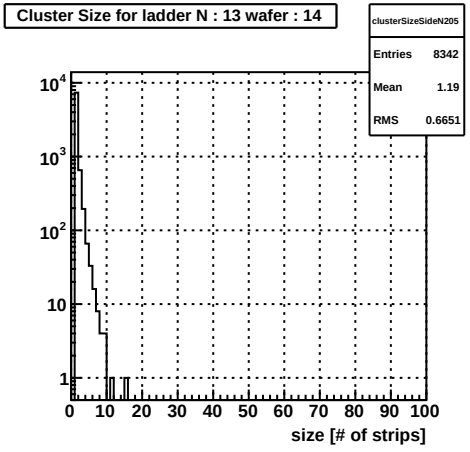

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1579
Mean 1.427
RMS 0.7313
size [# of strips]

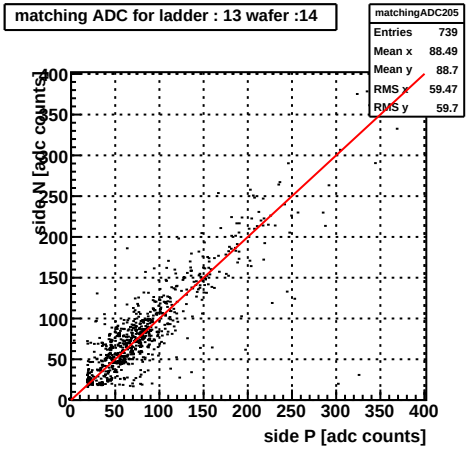

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

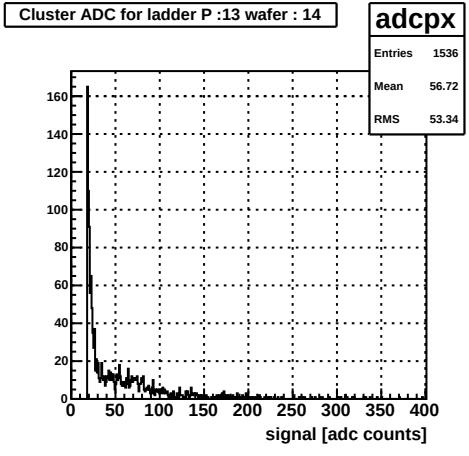

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 123
Mean 40.78
RMS 19.77
signal [adc counts]

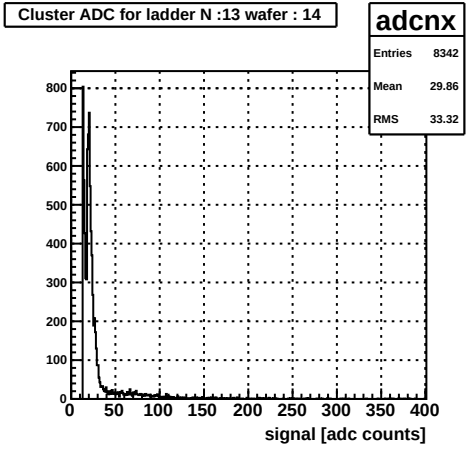

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1579
Mean 61.72
RMS 61.11
signal [adc counts]

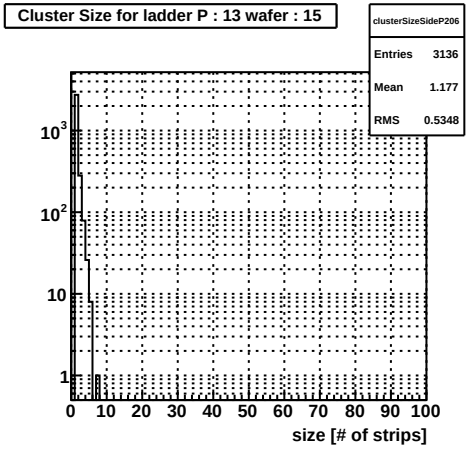

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1536
Mean 1.324
RMS 0.6637
size [# of strips]

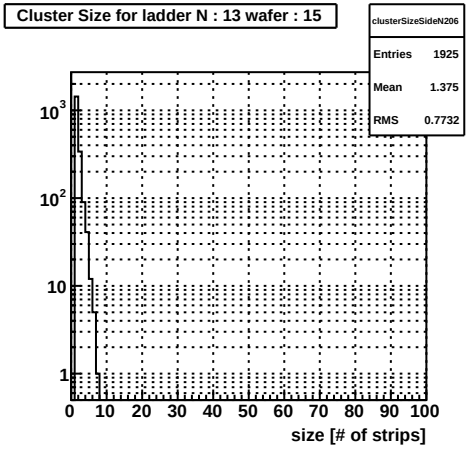

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 8342
Mean 1.19
RMS 0.6651
size [# of strips]

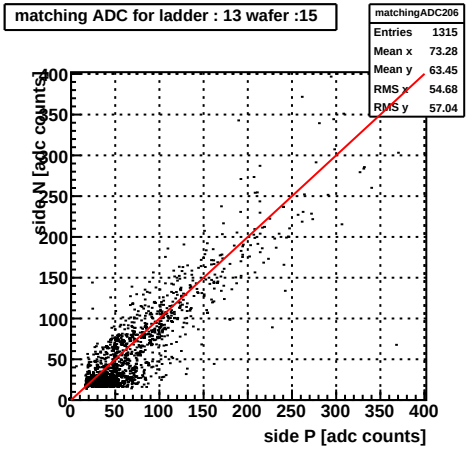

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 739
Mean x 88.49
Mean y 88.7
RMS x 59.47
RMS y 59.7
side N [adc counts]
side P [adc counts]

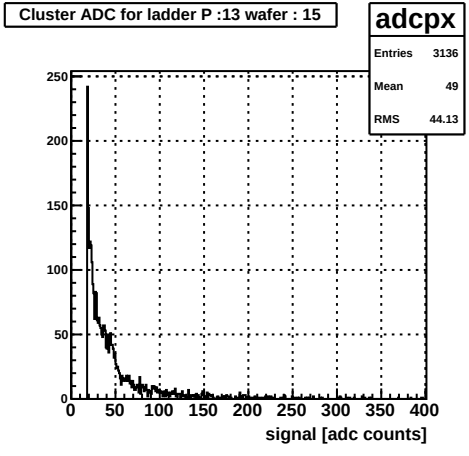

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1536
Mean 56.72
RMS 53.34
signal [adc counts]

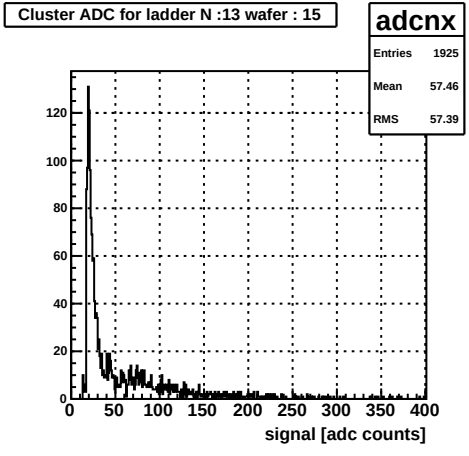

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 8342
Mean 29.86
RMS 33.32
signal [adc counts]

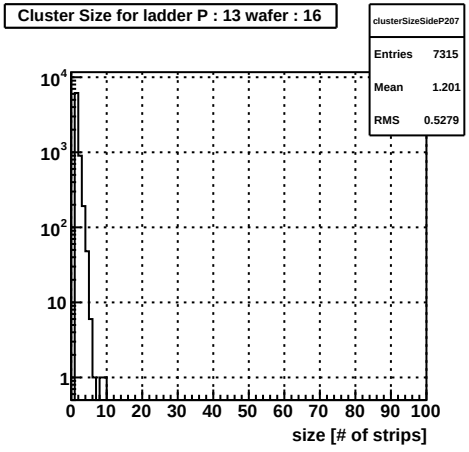

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 3136
Mean 1.177
RMS 0.5348
size [# of strips]

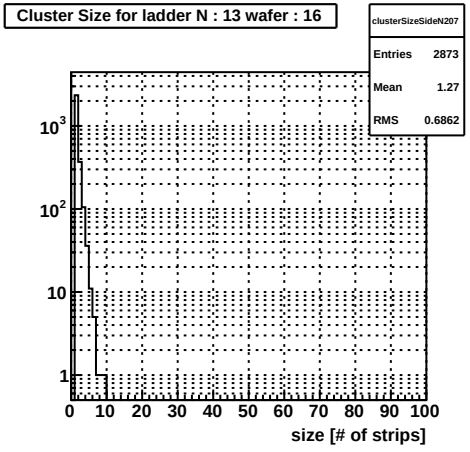

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1925
Mean 1.375
RMS 0.7732
size [# of strips]

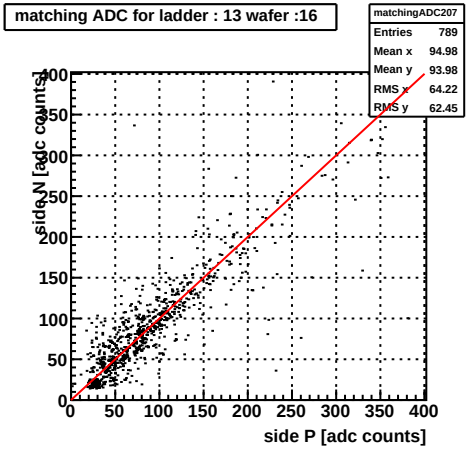

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1315
Mean x 73.28
Mean y 63.45
RMS x 54.68
RMS y 57.04
side N [adc counts]
side P [adc counts]

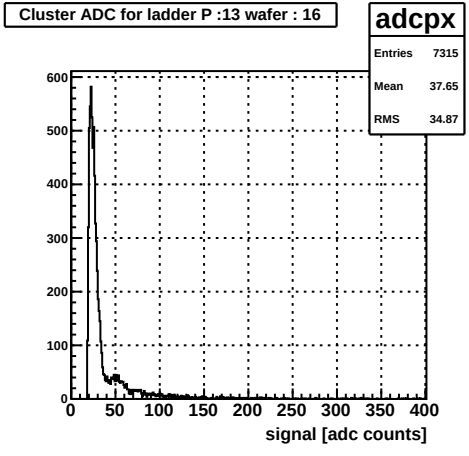

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 3136
Mean 49
RMS 44.13
signal [adc counts]

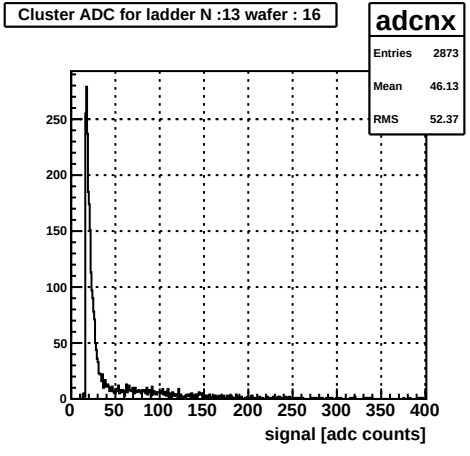

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1925
Mean 57.46
RMS 57.39
signal [adc counts]

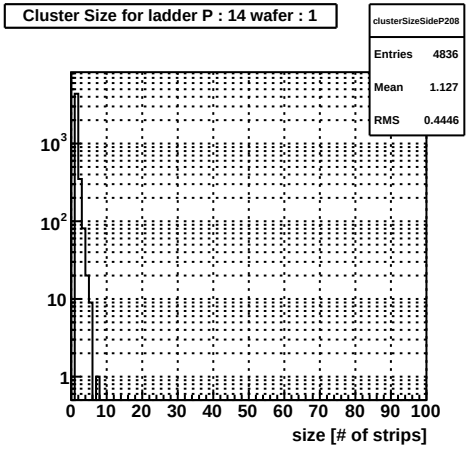

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 7315
Mean 1.201
RMS 0.5279
size [# of strips]

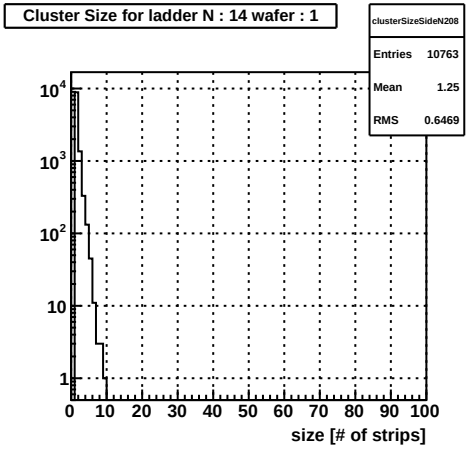

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2873
Mean 1.27
RMS 0.6862
size [# of strips]

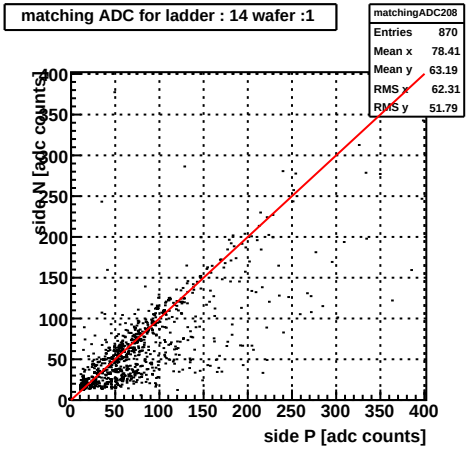

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 789
Mean x 94.98
Mean y 93.98
RMS x 64.22
RMS y 62.45
side N [adc counts]
side P [adc counts]

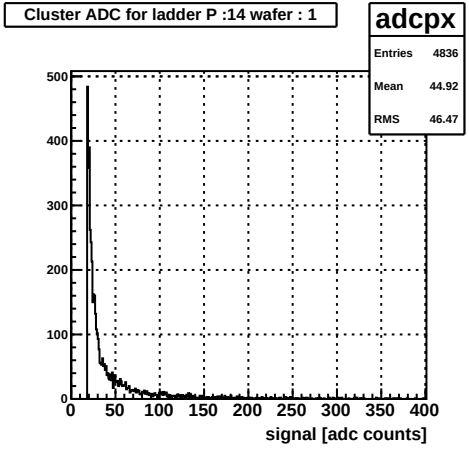

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 7315
Mean 37.65
RMS 34.87
signal [adc counts]

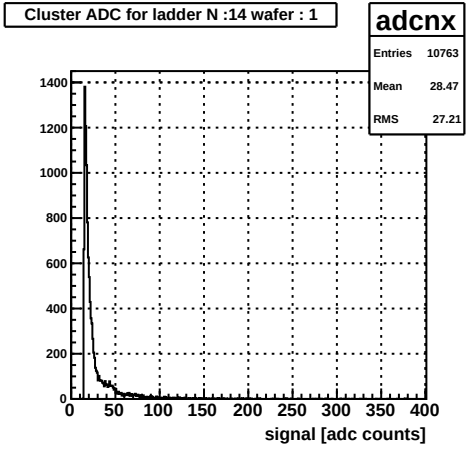

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2873
Mean 46.13
RMS 52.37
signal [adc counts]

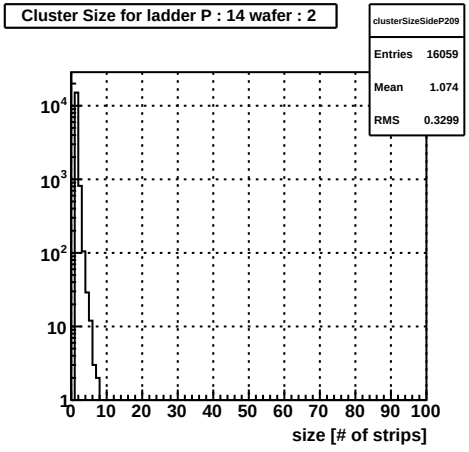

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4836
Mean 1.127
RMS 0.4446
size [# of strips]

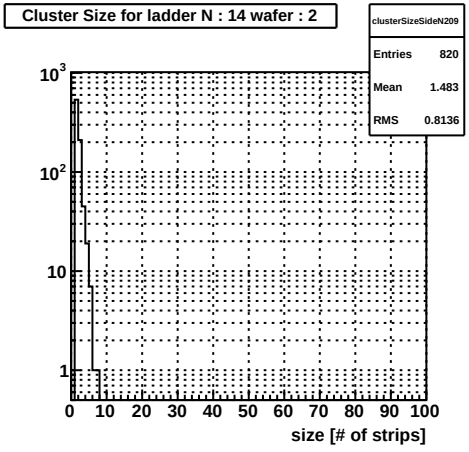

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 10763
Mean 1.25
RMS 0.6469
size [# of strips]

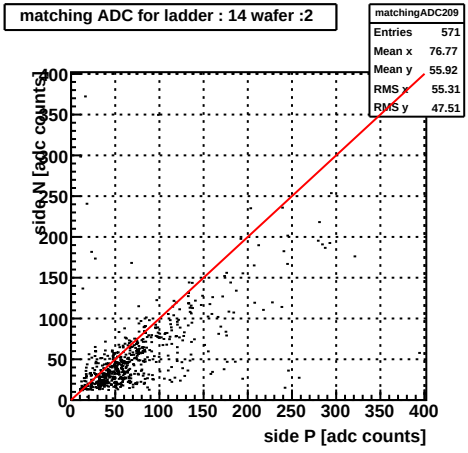

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 870
Mean x 78.41
Mean y 63.19
RMS x 62.31
RMS y 51.79
side N [adc counts]
side P [adc counts]

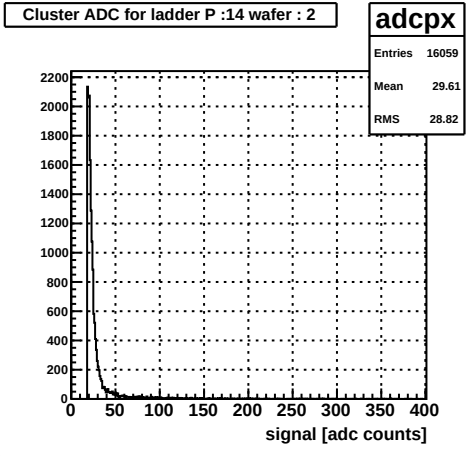

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4836
Mean 44.92
RMS 46.47
signal [adc counts]

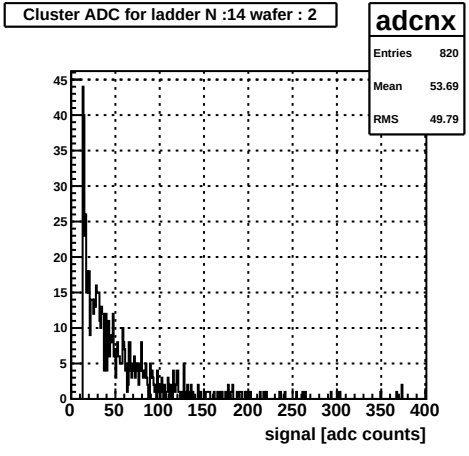

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 10763
Mean 28.47
RMS 27.21
signal [adc counts]

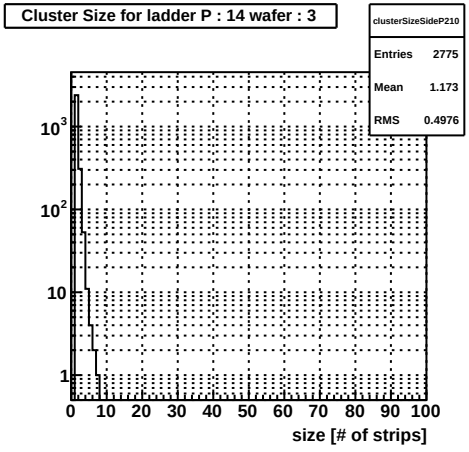

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 16059
Mean 1.074
RMS 0.3299
size [# of strips]

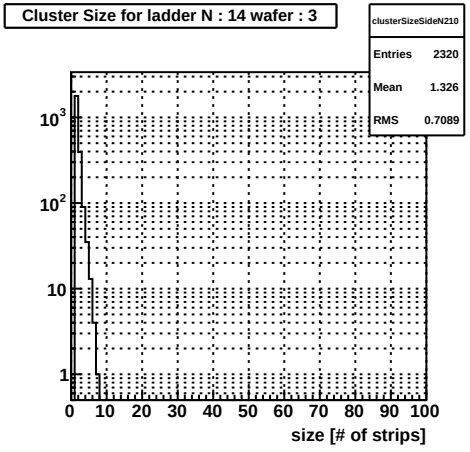

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 820
Mean 1.483
RMS 0.8136
size [# of strips]

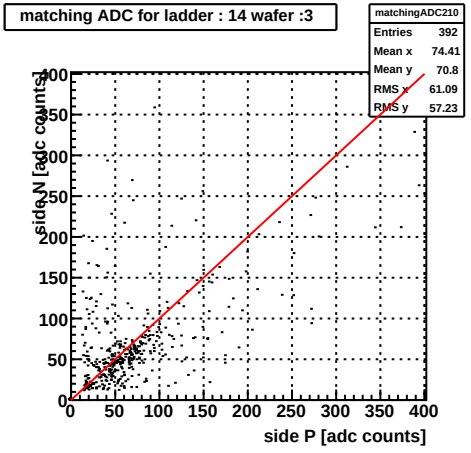

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 571
Mean x 76.77
Mean y 55.92
RMS x 55.31
RMS y 47.51
side N [adc counts]
side P [adc counts]

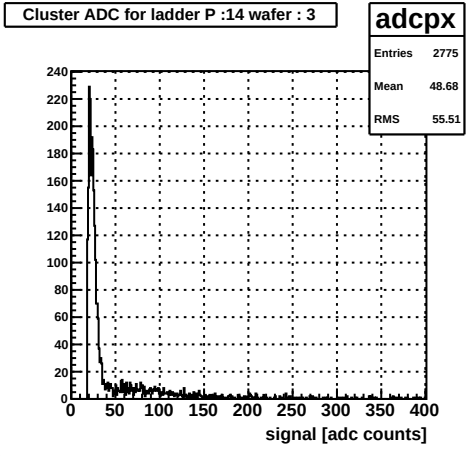

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 16059
Mean 29.61
RMS 28.82
signal [adc counts]

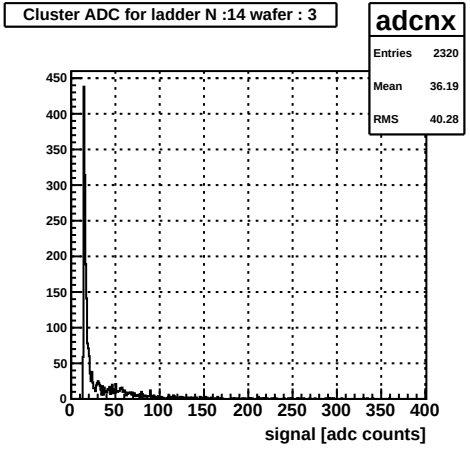

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 820
Mean 53.69
RMS 49.79
signal [adc counts]

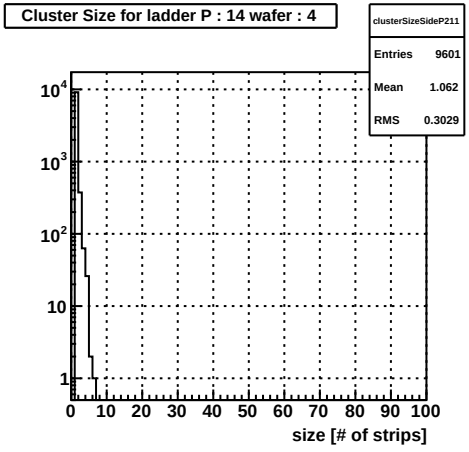

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2775
Mean 1.173
RMS 0.4976
size [# of strips]

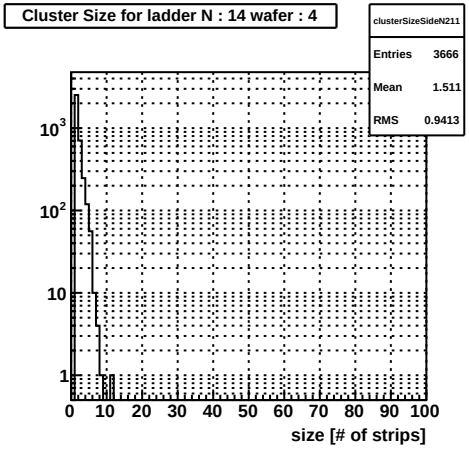

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2320
Mean 1.326
RMS 0.7089
size [# of strips]

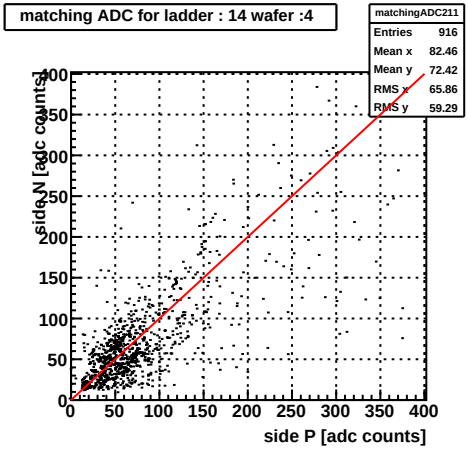

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 392
Mean x 74.41
Mean y 70.8
RMS x 61.09
RMS y 57.23
side N [adc counts]
side P [adc counts]

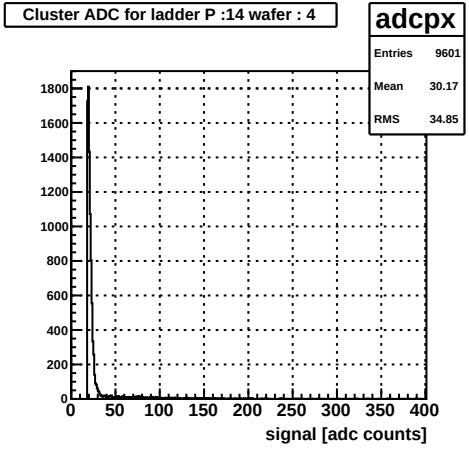

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2775
Mean 48.68
RMS 55.51
signal [adc counts]

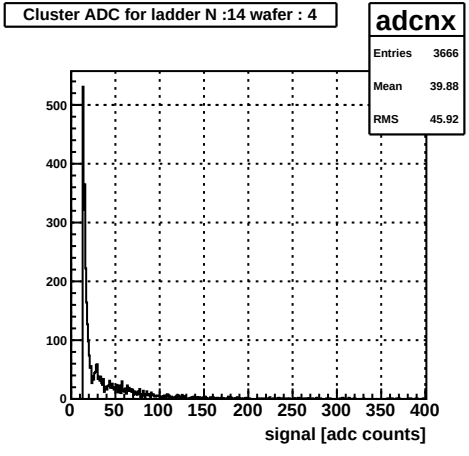

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2320
Mean 36.19
RMS 40.28
signal [adc counts]

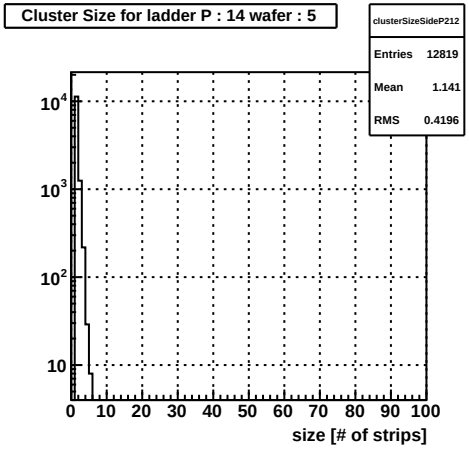

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 9601
Mean 1.062
RMS 0.3029
size [# of strips]

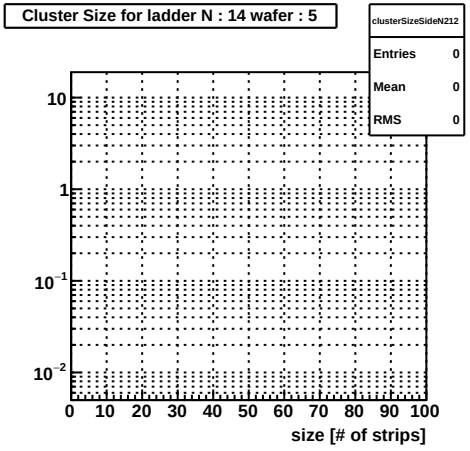

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3666
Mean 1.511
RMS 0.9413
size [# of strips]

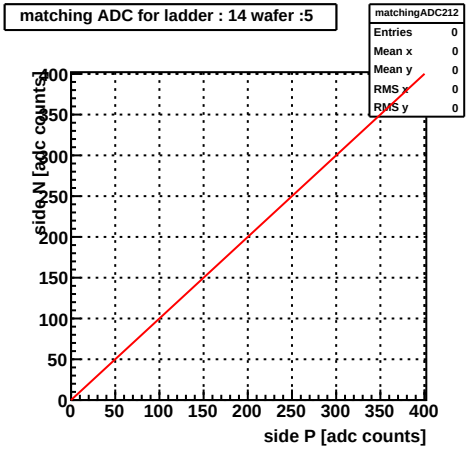

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 916
Mean x 82.46
Mean y 72.42
RMS x 65.86
RMS y 59.29
side N [adc counts]
side P [adc counts]

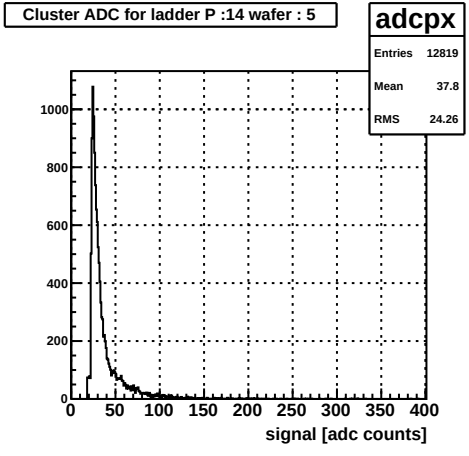

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 9601
Mean 30.17
RMS 34.85
signal [adc counts]

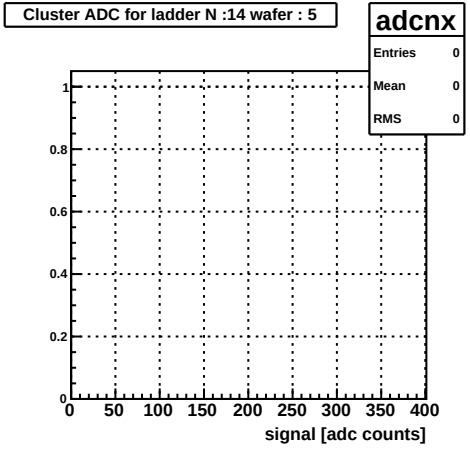

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3666
Mean 39.88
RMS 45.92
signal [adc counts]

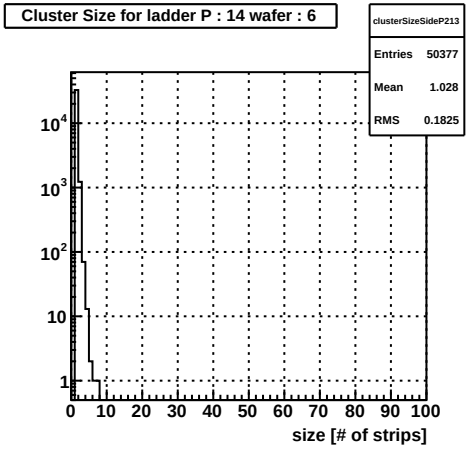

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 12819
Mean 1.141
RMS 0.4196
size [# of strips]

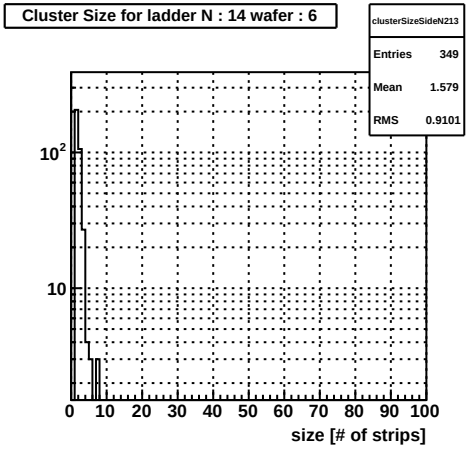

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

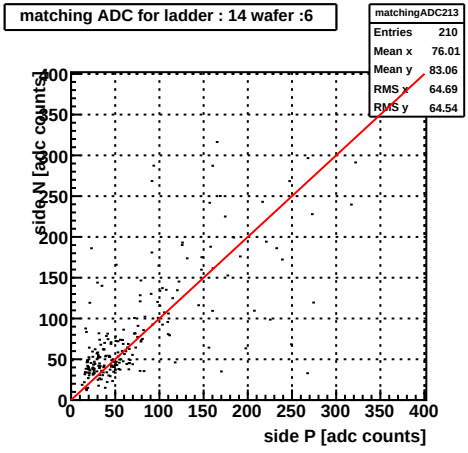

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

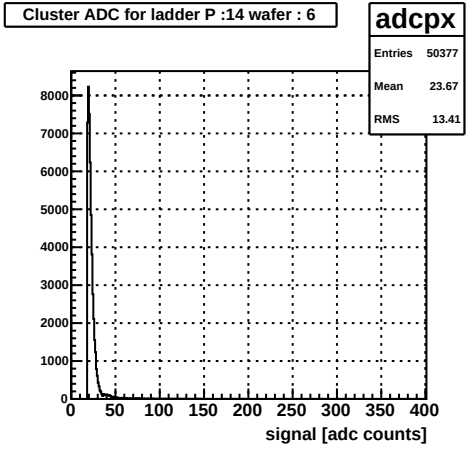

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 12819
Mean 37.8
RMS 24.26
signal [adc counts]

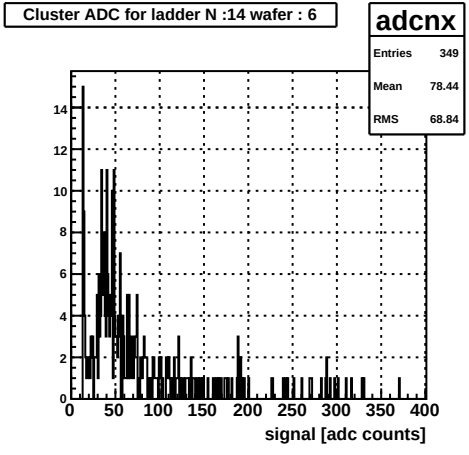

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

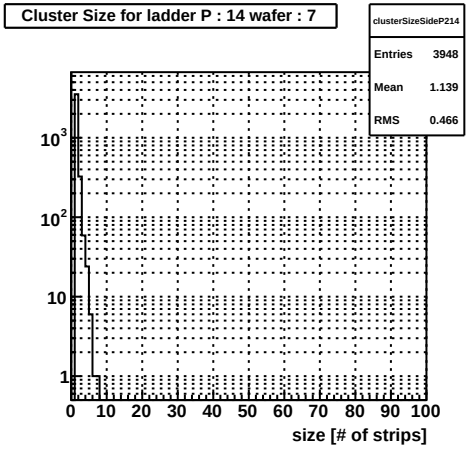

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 50377
Mean 1.028
RMS 0.1825
size [# of strips]

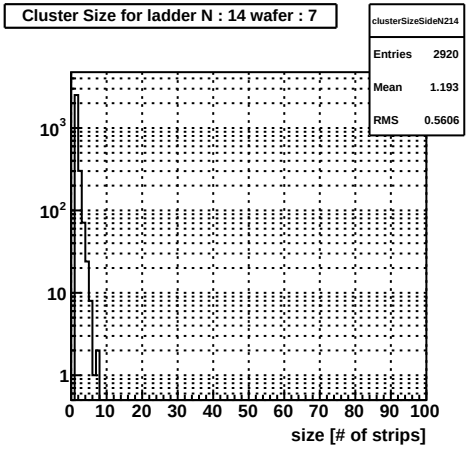

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 349
Mean 1.579
RMS 0.9101
size [# of strips]

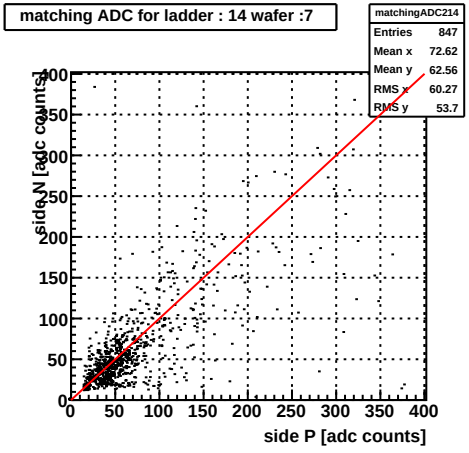

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 210
Mean x 76.01
Mean y 83.06
RMS x 64.69
RMS y 64.54
side N [adc counts]
side P [adc counts]

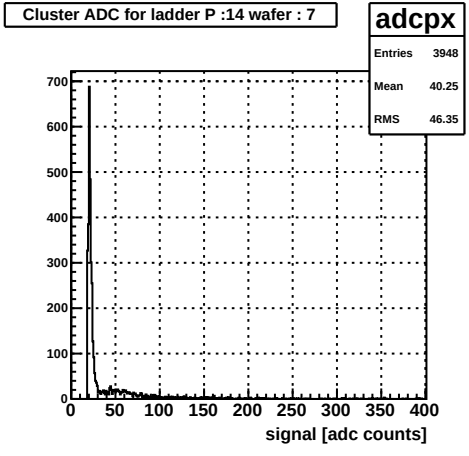

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 50377
Mean 23.67
RMS 13.41
signal [adc counts]

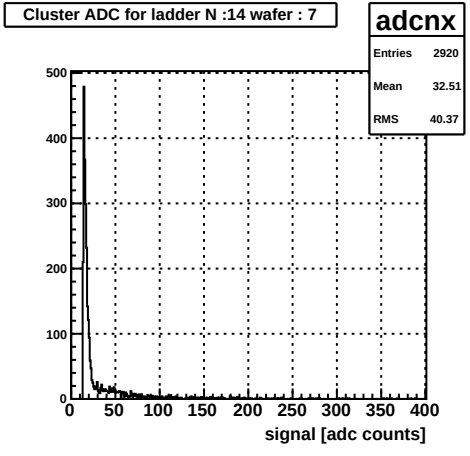

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 349
Mean 78.44
RMS 68.84
signal [adc counts]

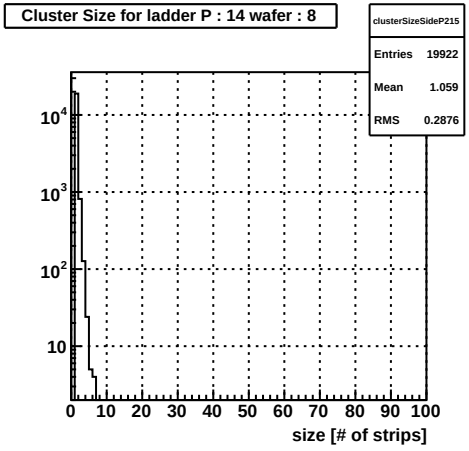

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3948
Mean 1.139
RMS 0.466
size [# of strips]

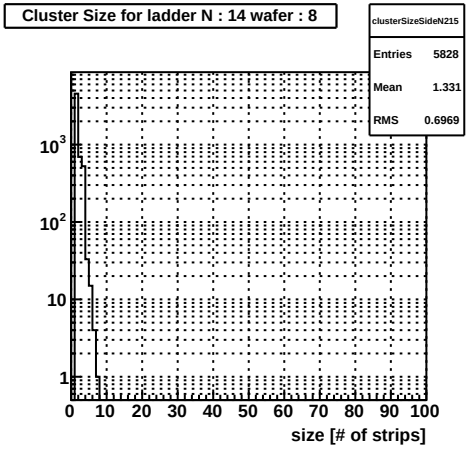

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2920
Mean 1.193
RMS 0.5606
size [# of strips]

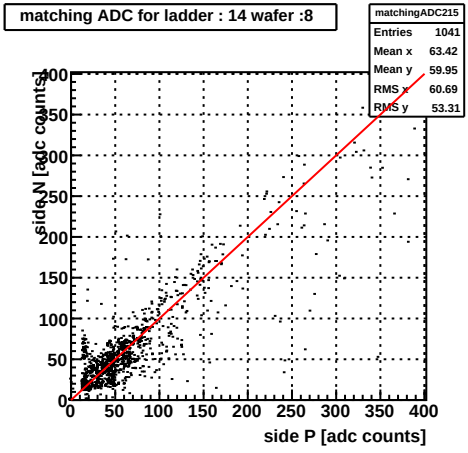

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 847
Mean x 72.62
Mean y 62.56
RMS x 60.27
RMS y 53.7
side N [adc counts]
side P [adc counts]

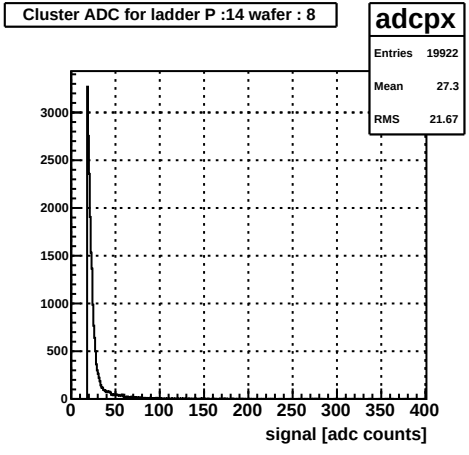

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3948
Mean 40.25
RMS 46.35
signal [adc counts]

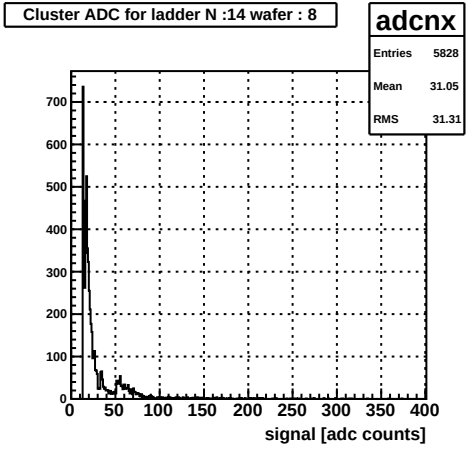

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2920
Mean 32.51
RMS 40.37
signal [adc counts]

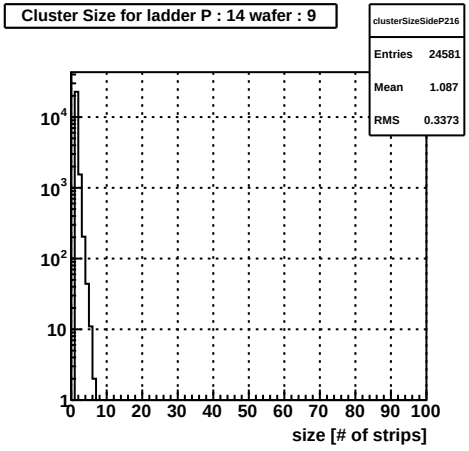

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 19922
Mean 1.059
RMS 0.2876
size [# of strips]

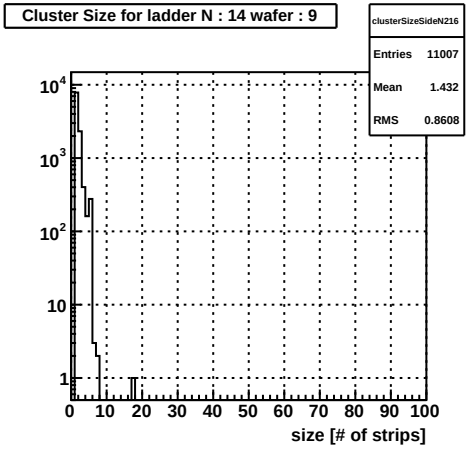

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5828
Mean 1.331
RMS 0.6969
size [# of strips]

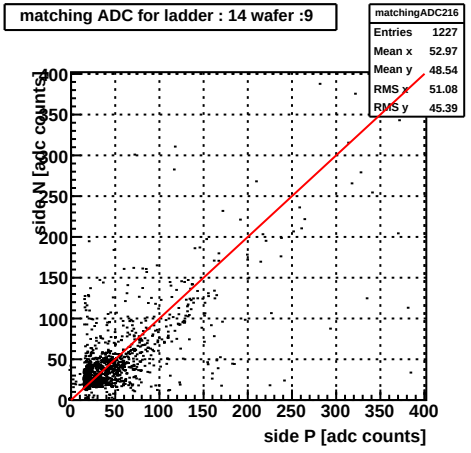

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1041
Mean x 63.42
Mean y 59.95
RMS x 60.69
RMS y 53.31
side N [adc counts]
side P [adc counts]

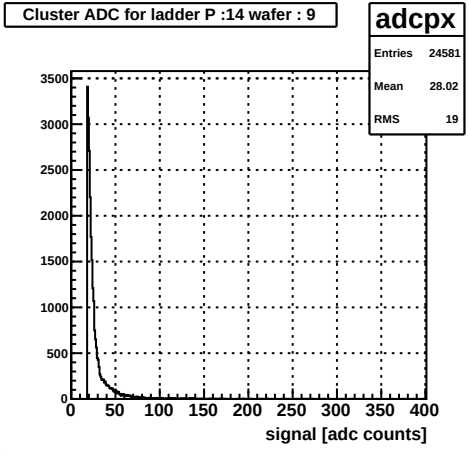

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 19922
Mean 27.3
RMS 21.67
signal [adc counts]

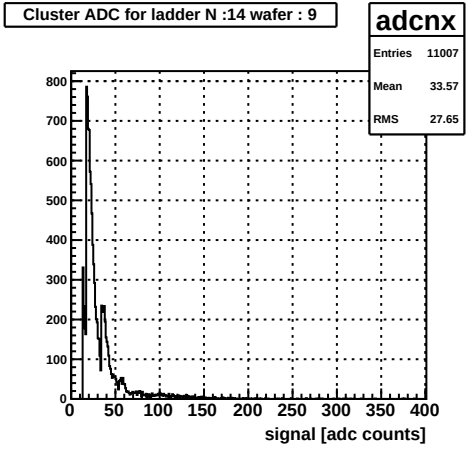

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5828
Mean 31.05
RMS 31.31
signal [adc counts]

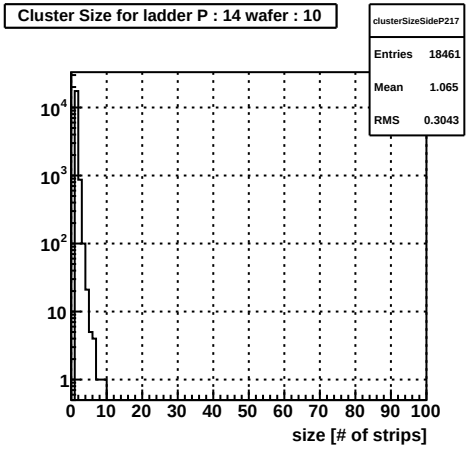

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 24581
Mean 1.087
RMS 0.3373
size [# of strips]

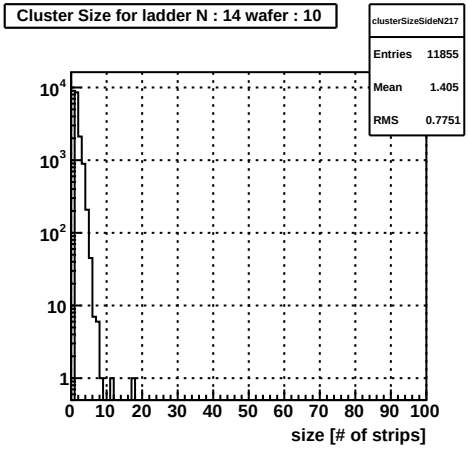

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 11007
Mean 1.432
RMS 0.8608
size [# of strips]

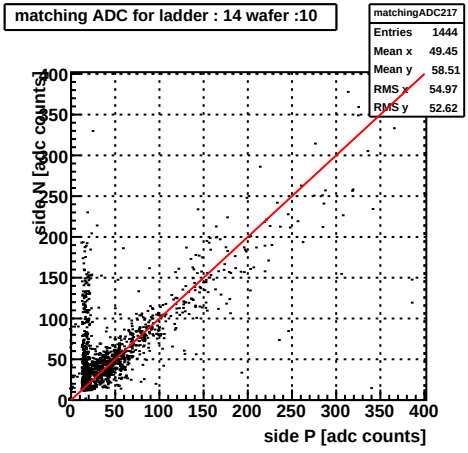

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1227
Mean x 52.97
Mean y 48.54
RMS x 51.08
RMS y 45.39
side N [adc counts]
side P [adc counts]

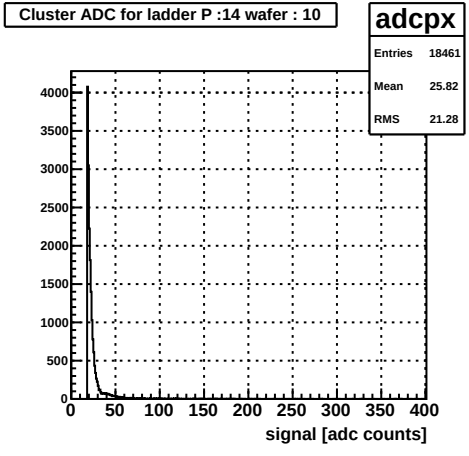

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 24581
Mean 28.02
RMS 19
signal [adc counts]

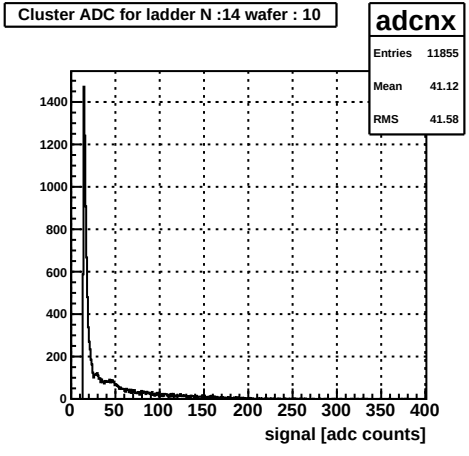

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 11007
Mean 33.57
RMS 27.65
signal [adc counts]

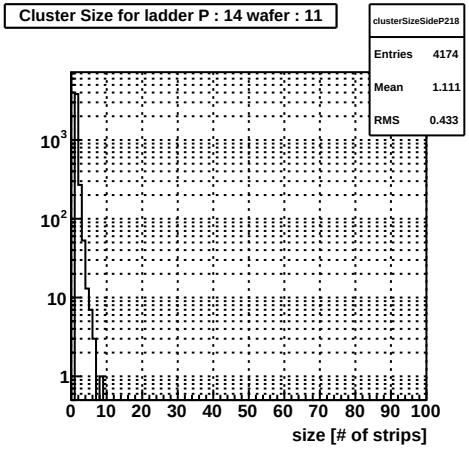

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 18461
Mean 1.065
RMS 0.3043
size [# of strips]

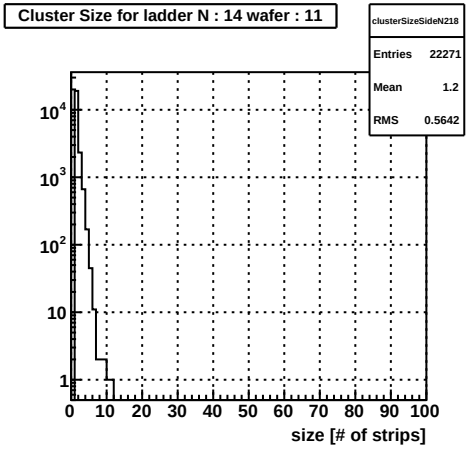

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 11855
Mean 1.405
RMS 0.7751
size [# of strips]

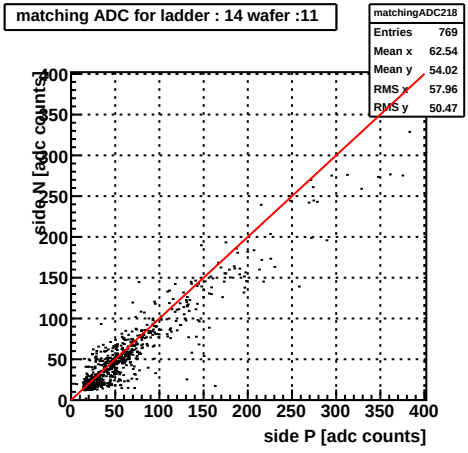

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1444
Mean x 49.45
Mean y 58.51
RMS x 54.97
RMS y 52.62
side N [adc counts]
side P [adc counts]

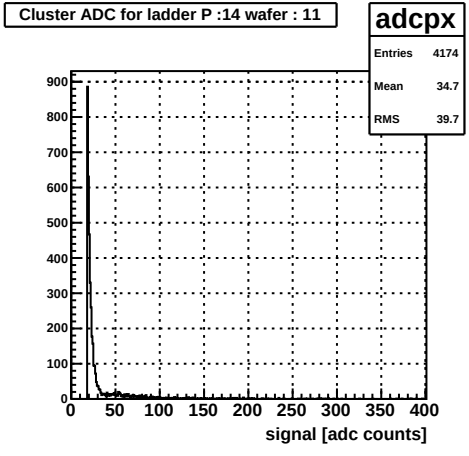

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 18461
Mean 25.82
RMS 21.28
signal [adc counts]

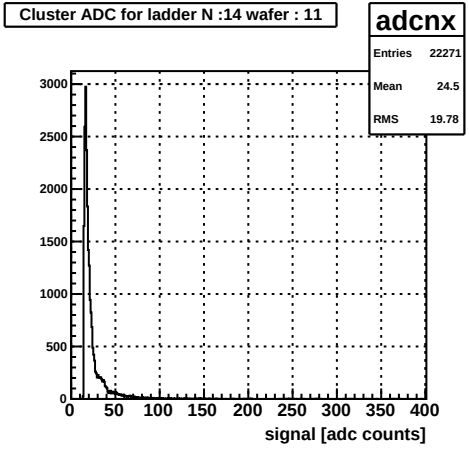

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 11855
Mean 41.12
RMS 41.58
signal [adc counts]

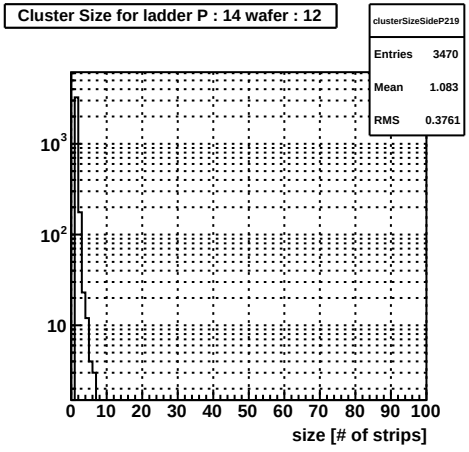

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 4174
Mean 1.111
RMS 0.433
size [# of strips]

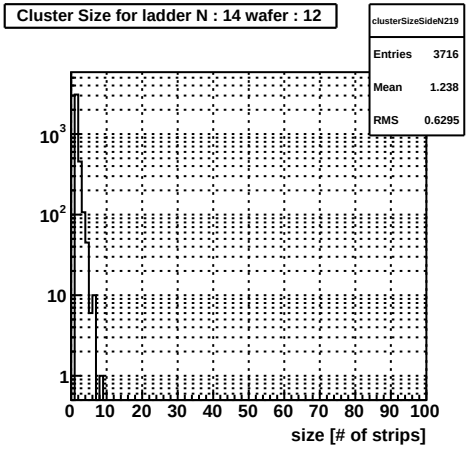

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22271
Mean 1.2
RMS 0.5642
size [# of strips]

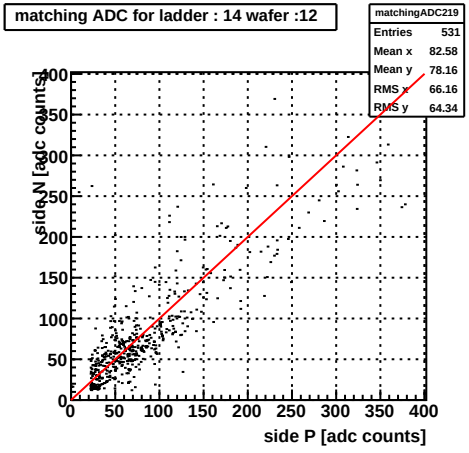

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 769
Mean x 62.54
Mean y 54.02
RMS x 57.96
RMS y 50.47
side N [adc counts]
side P [adc counts]

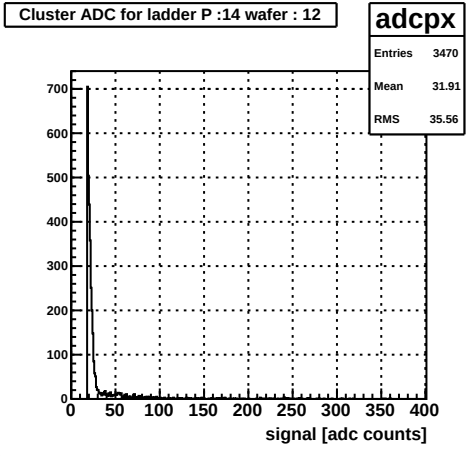

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 4174
Mean 34.7
RMS 39.7
signal [adc counts]

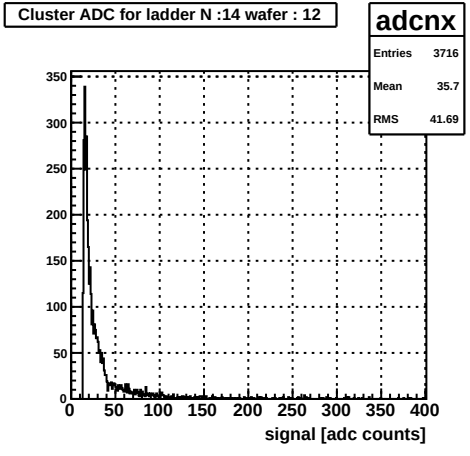

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22271
Mean 24.5
RMS 19.78
signal [adc counts]

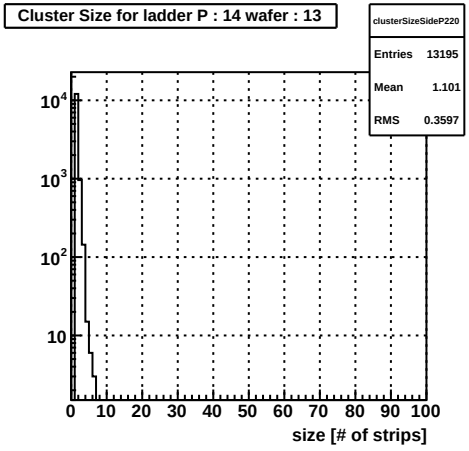

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3470
Mean 1.083
RMS 0.3761
size [# of strips]

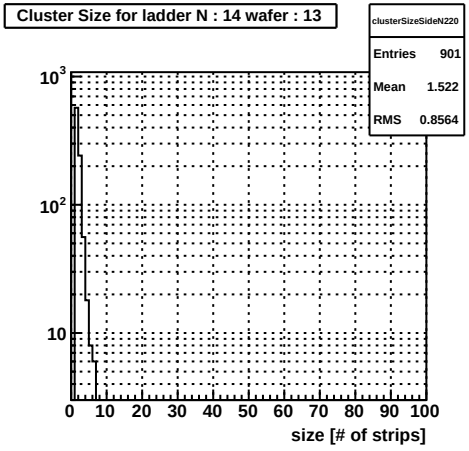

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3716
Mean 1.238
RMS 0.6295
size [# of strips]

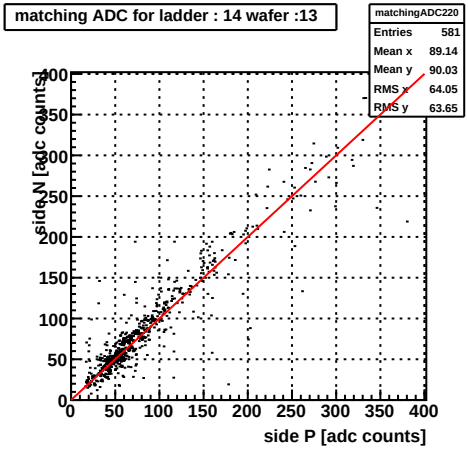

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 531
Mean x 82.58
Mean y 78.16
RMS x 66.16
RMS y 64.34
side N [adc counts]
side P [adc counts]

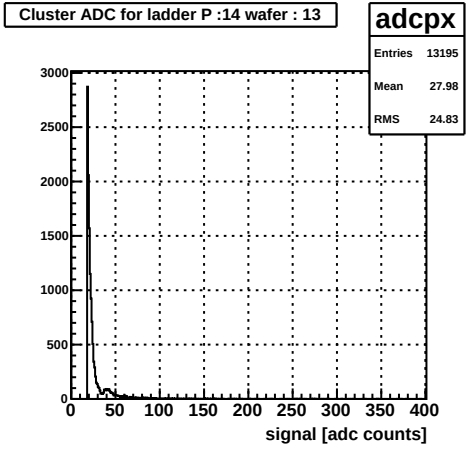

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3470
Mean 31.91
RMS 35.56
signal [adc counts]

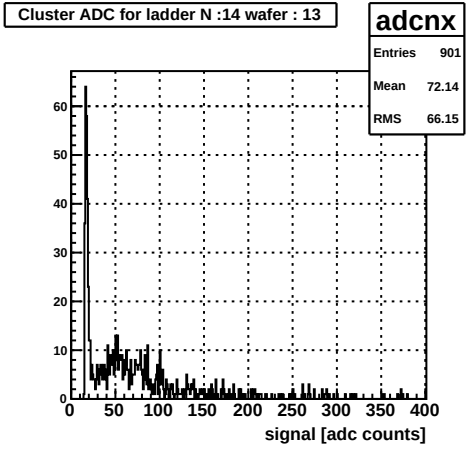

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3716
Mean 35.7
RMS 41.69
signal [adc counts]

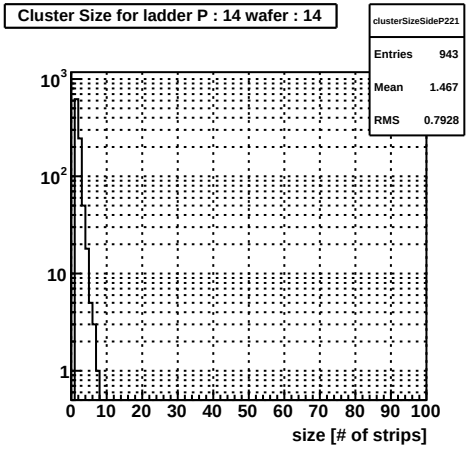

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 13195
Mean 1.101
RMS 0.3597
size [# of strips]

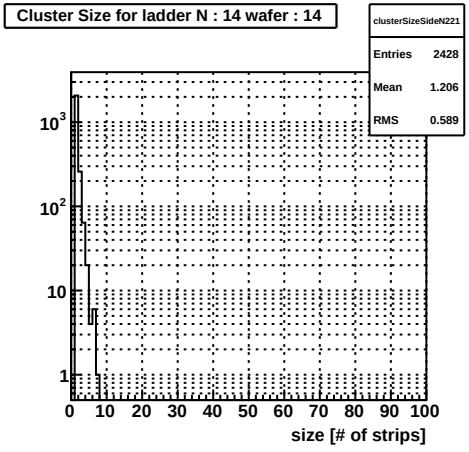

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 901
Mean 1.522
RMS 0.8564
size [# of strips]

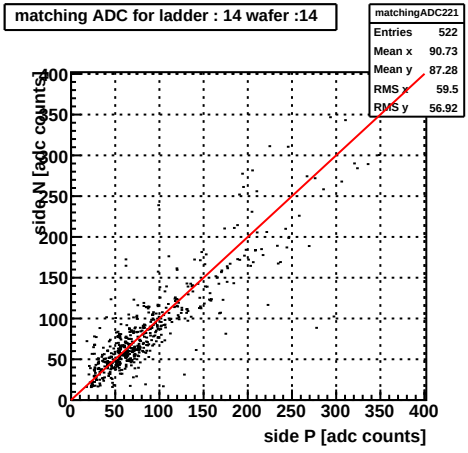

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 581
Mean x 89.14
Mean y 90.03
RMS x 64.05
RMS y 63.65
side N [adc counts]
side P [adc counts]

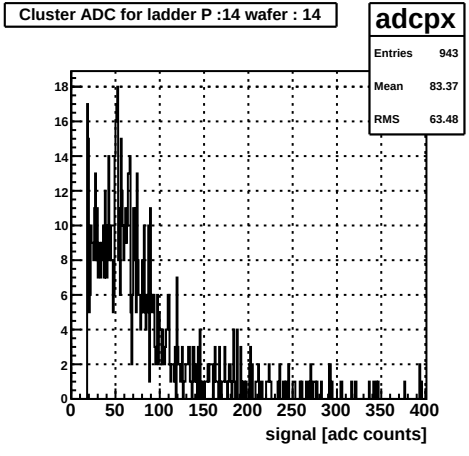

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 13195
Mean 27.98
RMS 24.83
signal [adc counts]

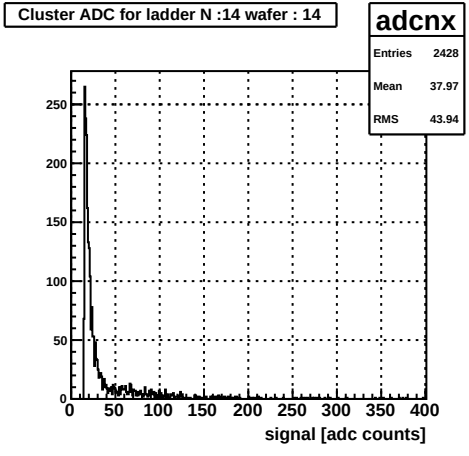

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 901
Mean 72.14
RMS 66.15
signal [adc counts]

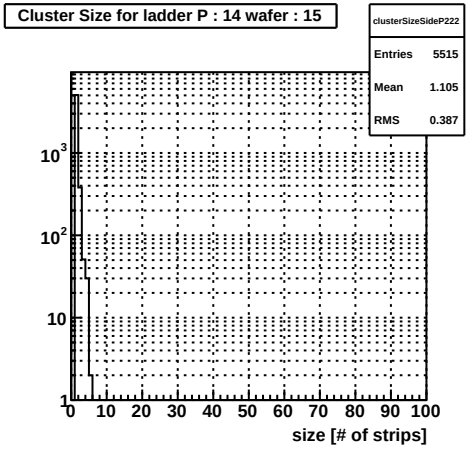

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 943
Mean 1.467
RMS 0.7928
size [# of strips]

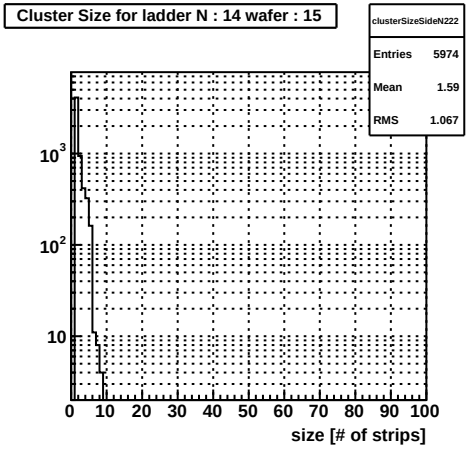

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2428
Mean 1.206
RMS 0.589
size [# of strips]

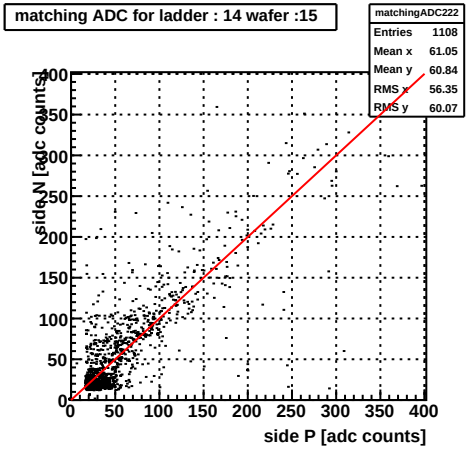

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 522
Mean x 90.73
Mean y 87.28
RMS x 59.5
RMS y 56.92
side N [adc counts]
side P [adc counts]

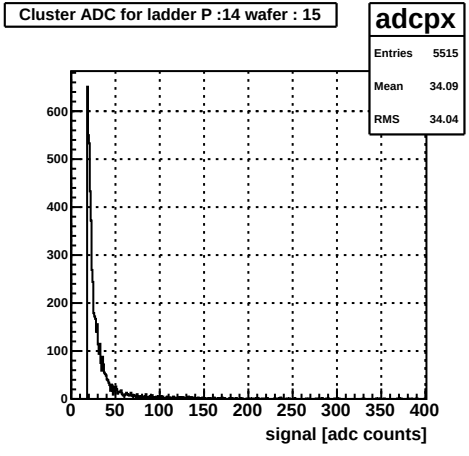

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 943
Mean 83.37
RMS 63.48
signal [adc counts]

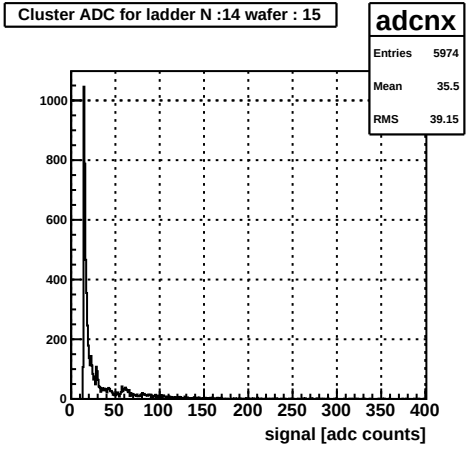

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2428
Mean 37.97
RMS 43.94
signal [adc counts]

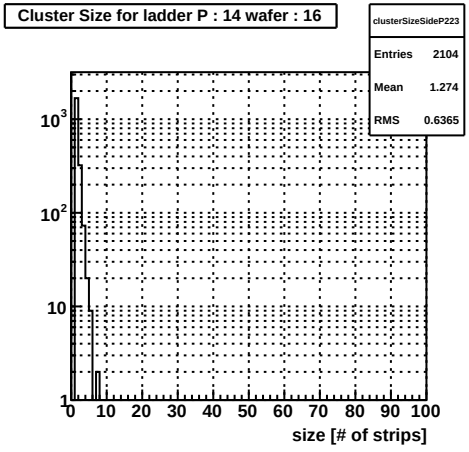

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 5515
Mean 1.105
RMS 0.387
size [# of strips]

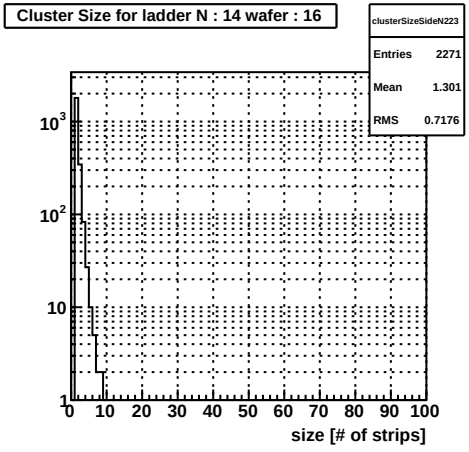

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5974
Mean 1.59
RMS 1.067
size [# of strips]

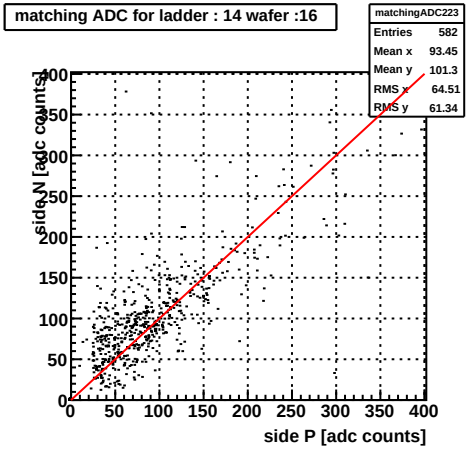

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1108
Mean x 61.05
Mean y 60.84
RMS x 56.35
RMS y 60.07
side N [adc counts]
side P [adc counts]

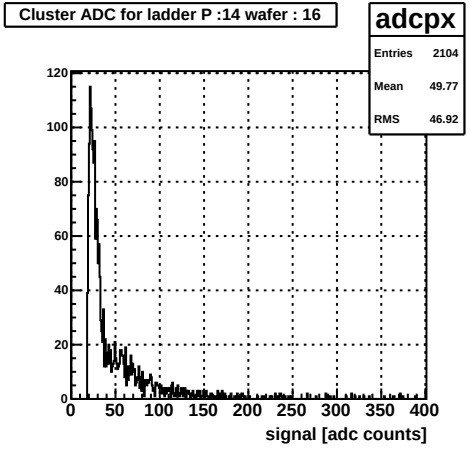

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 5515
Mean 34.09
RMS 34.04
signal [adc counts]

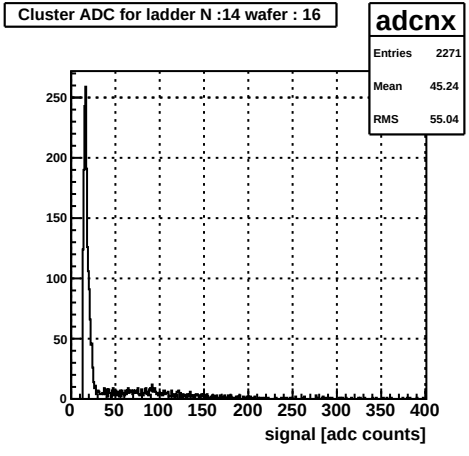

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5974
Mean 35.5
RMS 39.15
signal [adc counts]

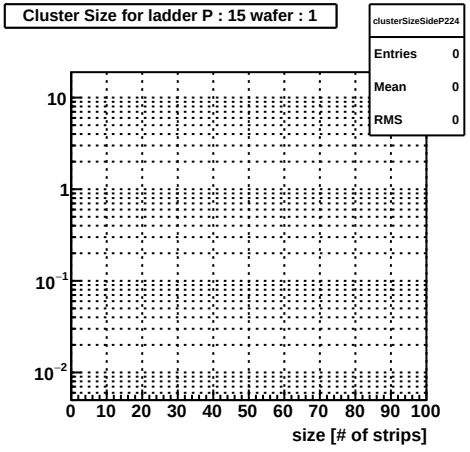

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 2104
Mean 1.274
RMS 0.6365
size [# of strips]

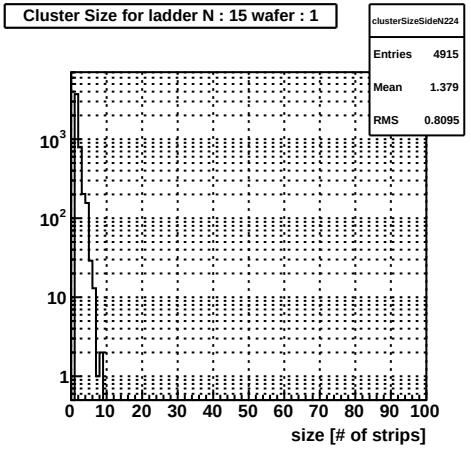

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2271
Mean 1.301
RMS 0.7176
size [# of strips]

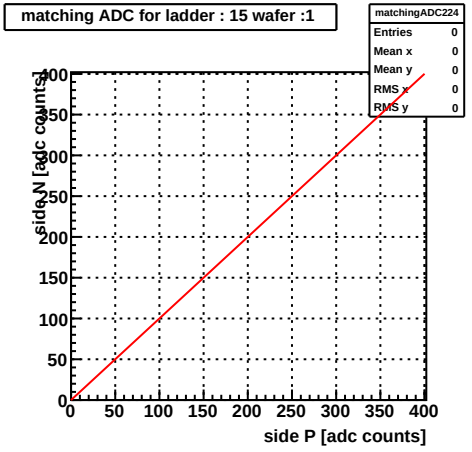

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 582
Mean x 93.45
Mean y 101.3
RMS x 64.51
RMS y 61.34
side N [adc counts]
side P [adc counts]

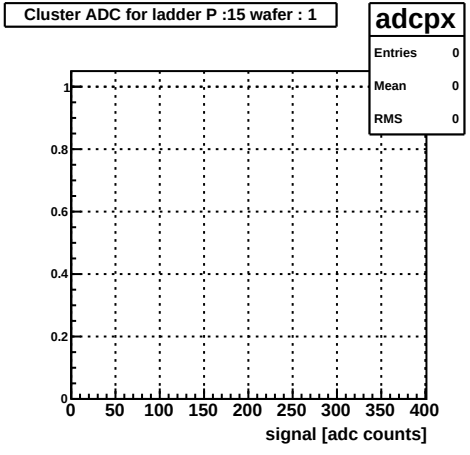

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 2104
Mean 49.77
RMS 46.92
signal [adc counts]

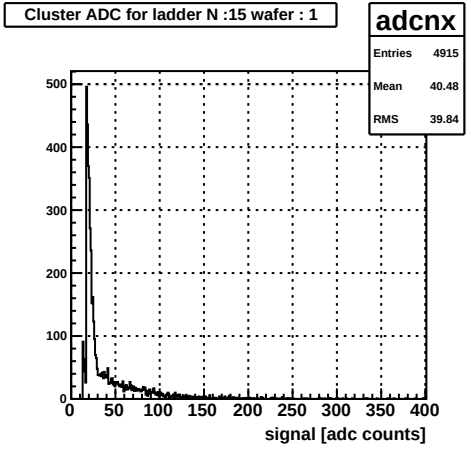

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2271
Mean 45.24
RMS 55.04
signal [adc counts]

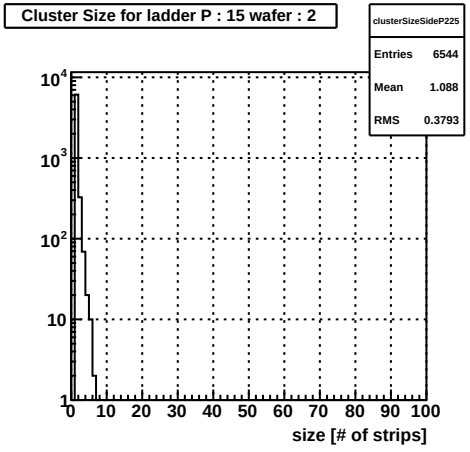

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

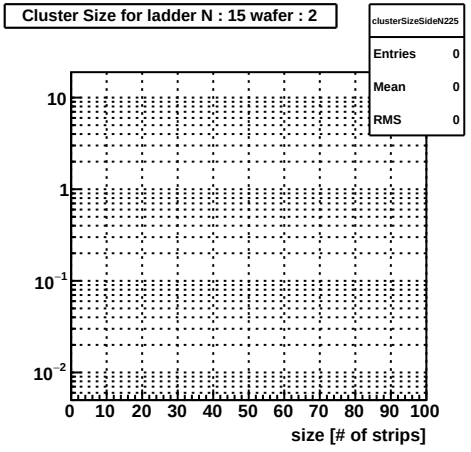

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 4915
Mean 1.379
RMS 0.8095
size [# of strips]

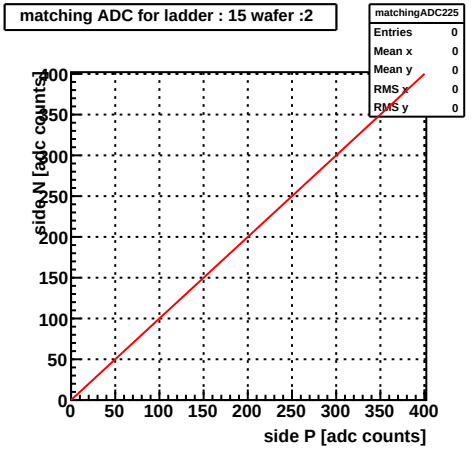

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

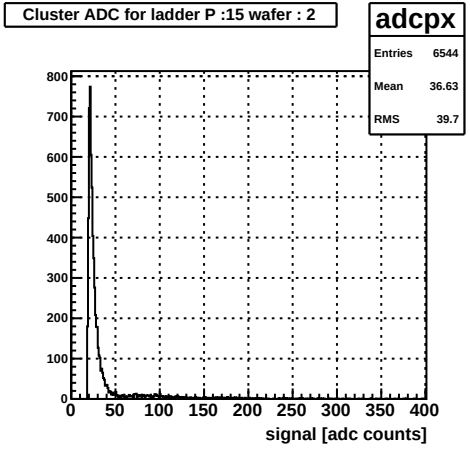

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

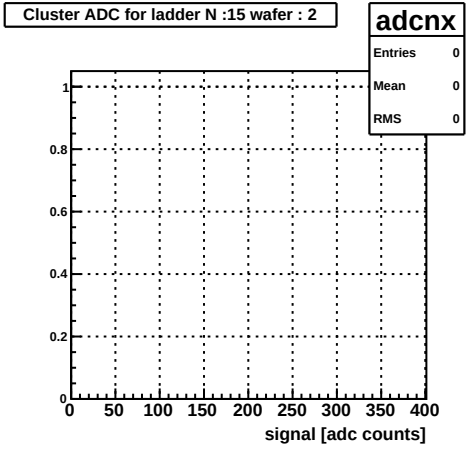

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 4915
Mean 40.48
RMS 39.84
signal [adc counts]

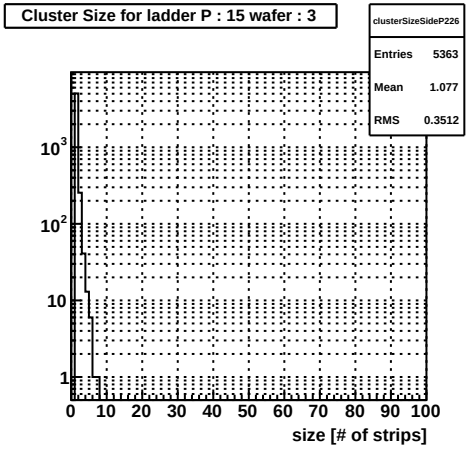

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 6544
Mean 1.088
RMS 0.3793
size [# of strips]

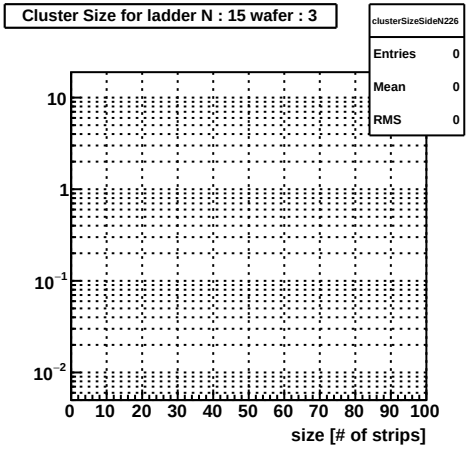

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

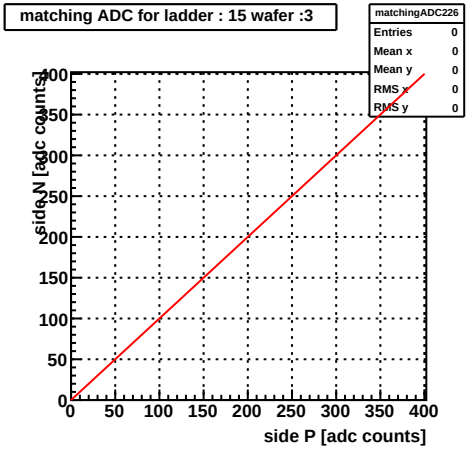

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

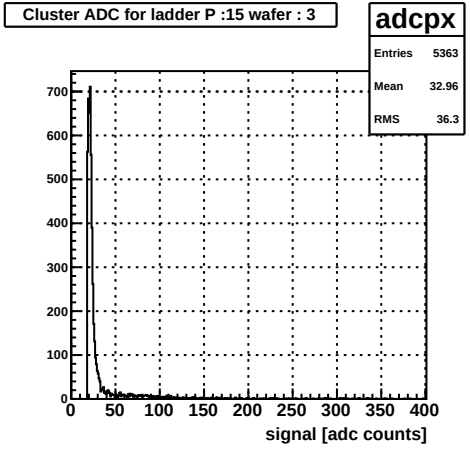

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 6544
Mean 36.63
RMS 39.7
signal [adc counts]

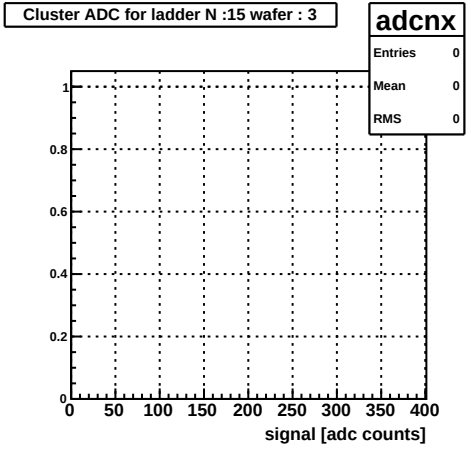

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

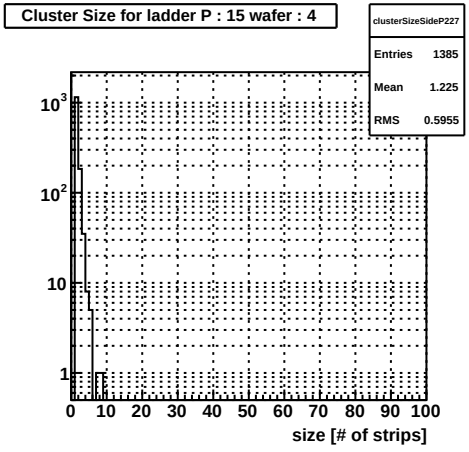

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5363
Mean 1.077
RMS 0.3512
size [# of strips]

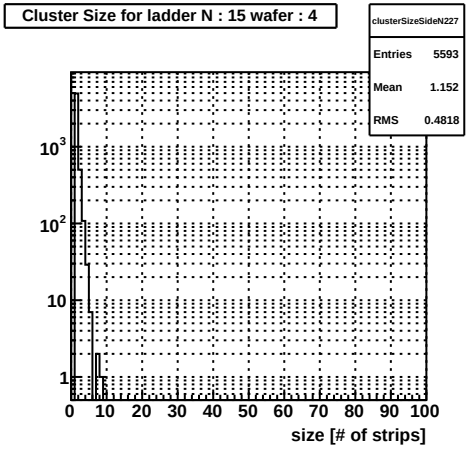

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

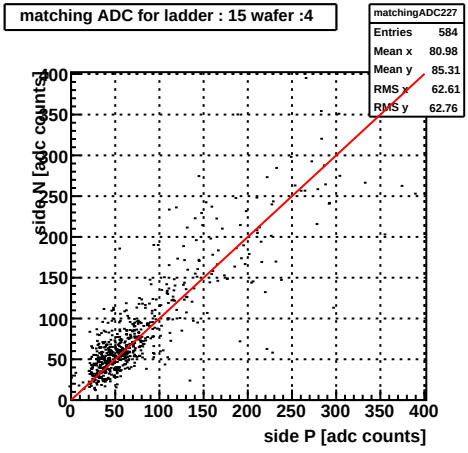

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

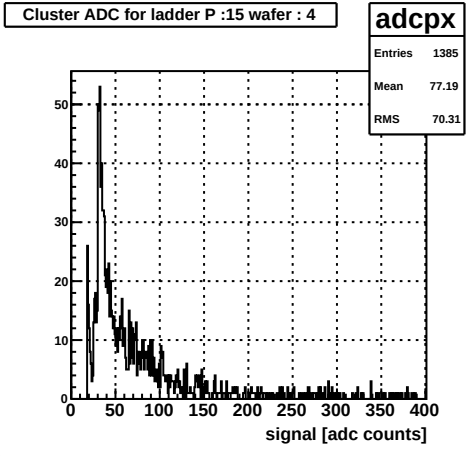

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5363
Mean 32.96
RMS 36.3
signal [adc counts]

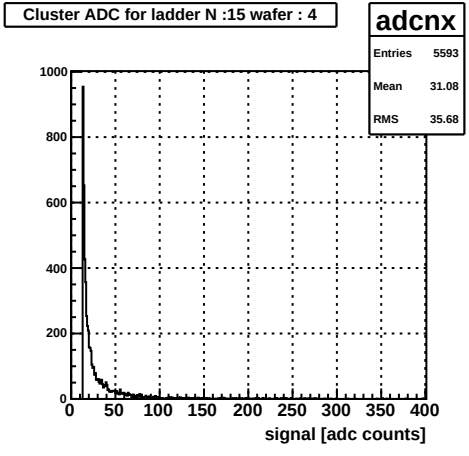

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

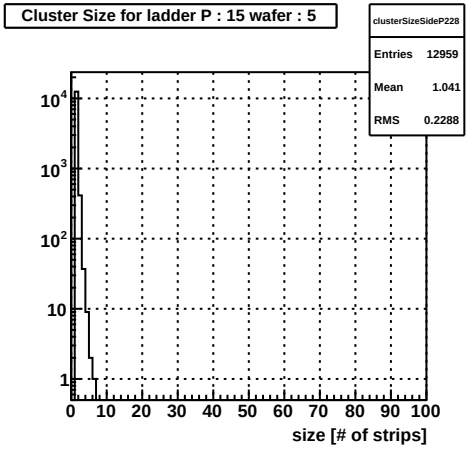

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1385
Mean 1.225
RMS 0.5955
size [# of strips]

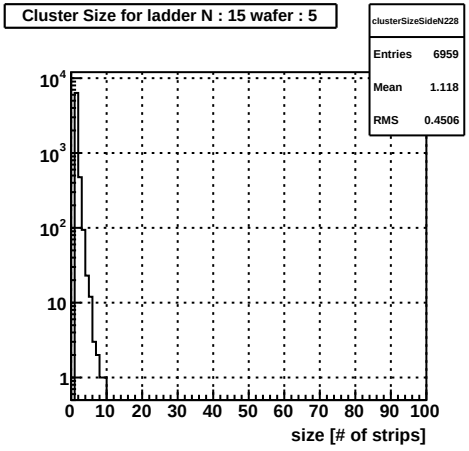

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5593
Mean 1.152
RMS 0.4818
size [# of strips]

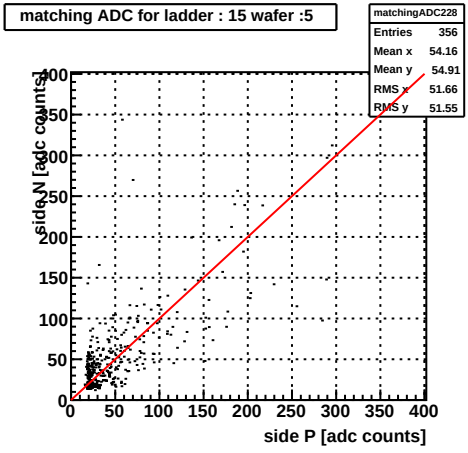

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 584
Mean x 80.98
Mean y 85.31
RMS x 62.61
RMS y 62.76
side N [adc counts]
side P [adc counts]

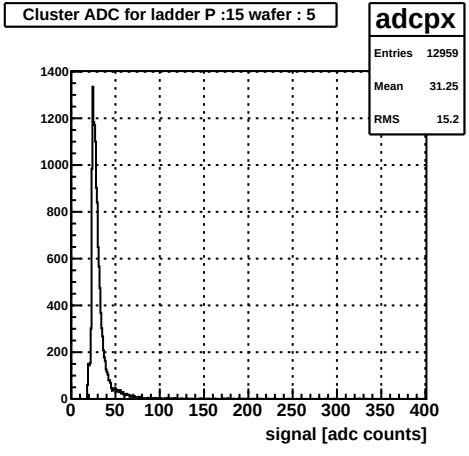

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1385
Mean 77.19
RMS 70.31
signal [adc counts]

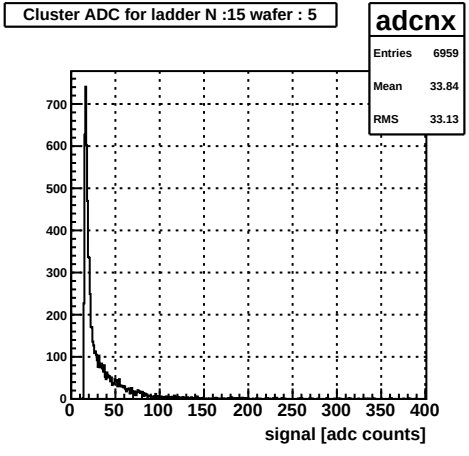

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5593
Mean 31.08
RMS 35.68
signal [adc counts]

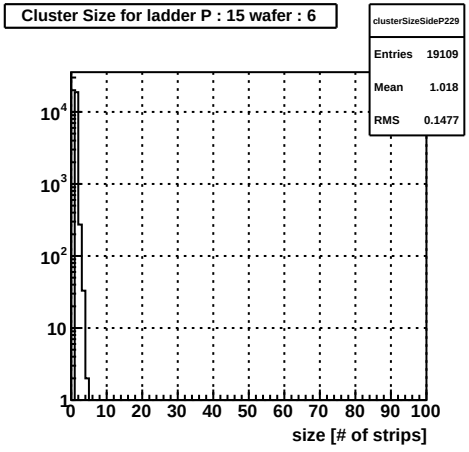

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 12959
Mean 1.041
RMS 0.2288
size [# of strips]

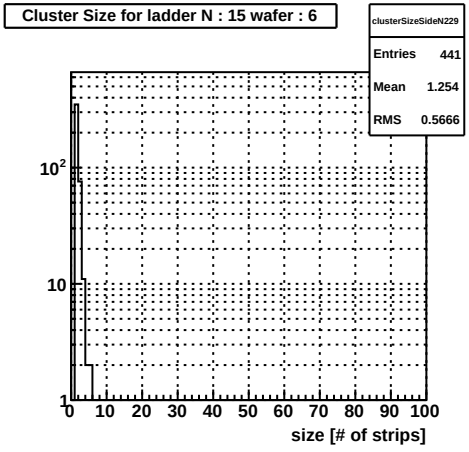

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6959
Mean 1.118
RMS 0.4506
size [# of strips]

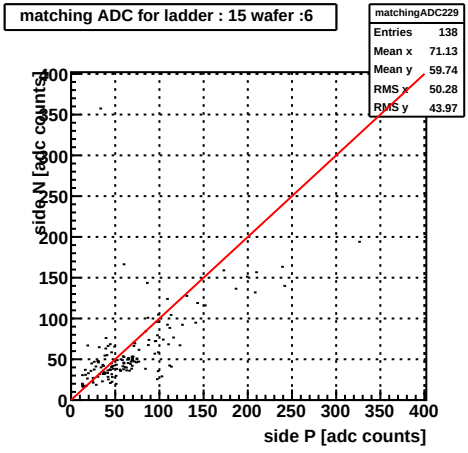

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 356
Mean x 54.16
Mean y 54.91
RMS x 51.66
RMS y 51.55
side N [adc counts]
side P [adc counts]

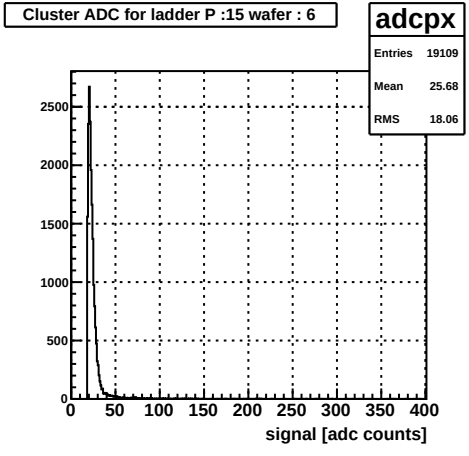

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 12959
Mean 31.25
RMS 15.2
signal [adc counts]

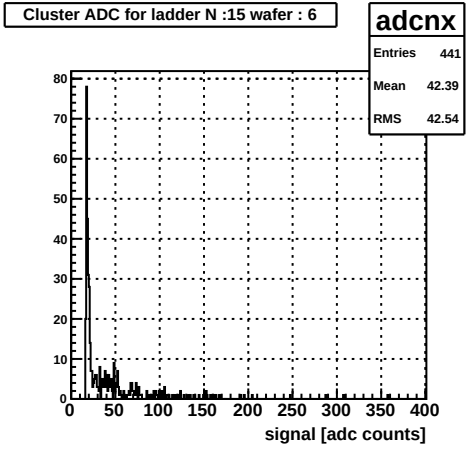

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6959
Mean 33.84
RMS 33.13
signal [adc counts]

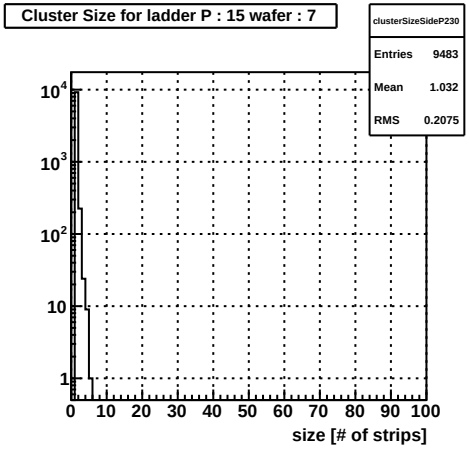

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 19109
Mean 1.018
RMS 0.1477
size [# of strips]

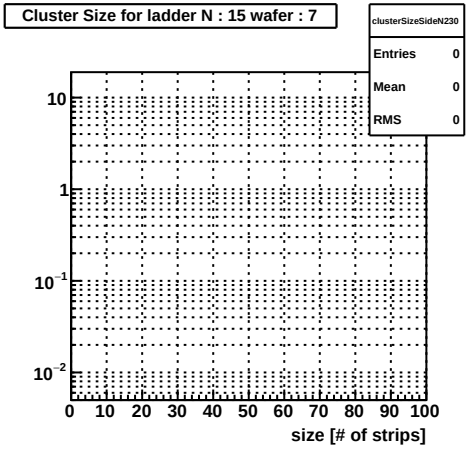

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 441
Mean 1.254
RMS 0.5666
size [# of strips]

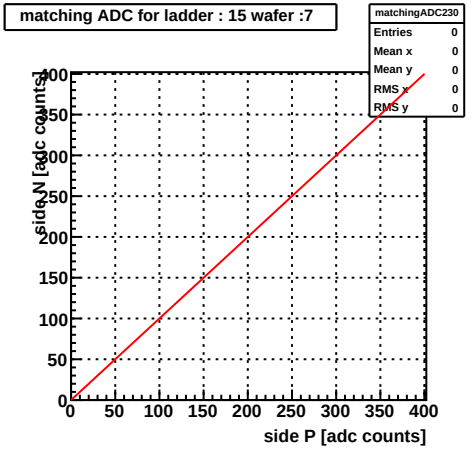

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 138
Mean x 71.13
Mean y 59.74
RMS x 50.28
RMS y 43.97
side N [adc counts]
side P [adc counts]

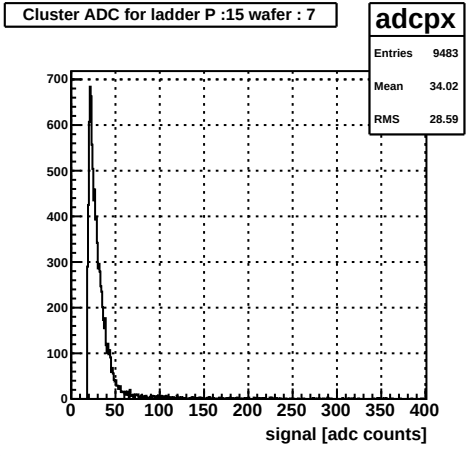

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 19109
Mean 25.68
RMS 18.06
signal [adc counts]

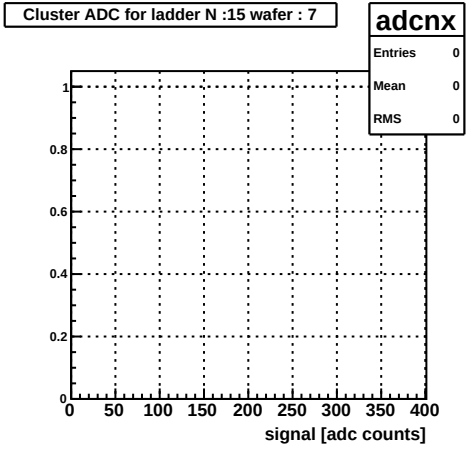

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 441
Mean 42.39
RMS 42.54
signal [adc counts]

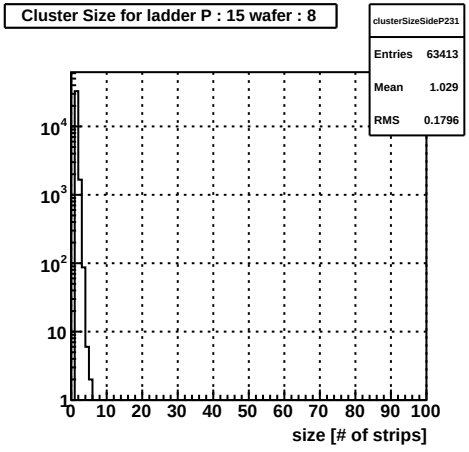

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 9483
Mean 1.032
RMS 0.2075
size [# of strips]

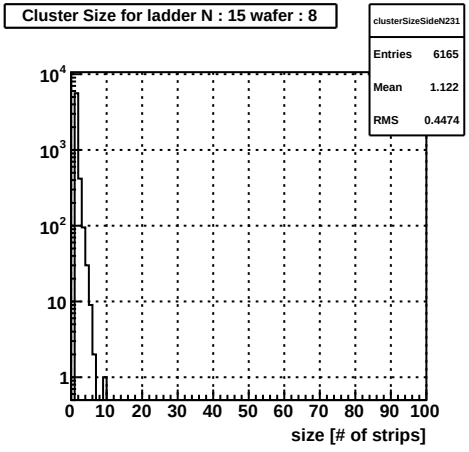

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

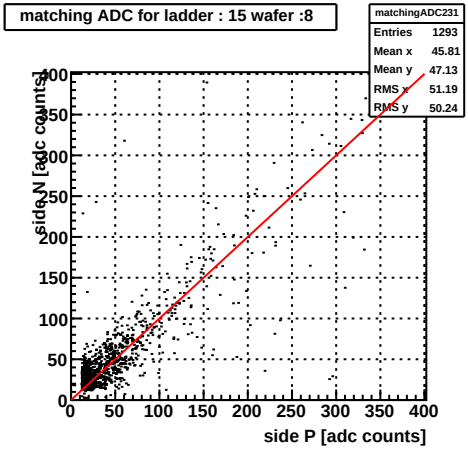

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

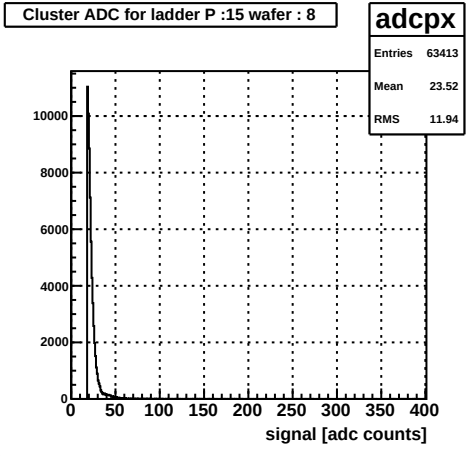

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 9483
Mean 34.02
RMS 28.59
signal [adc counts]

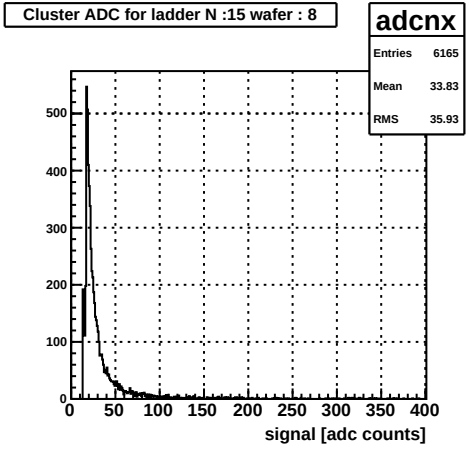

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

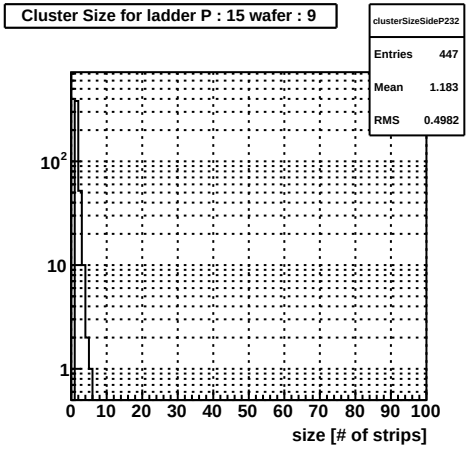

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 63413
Mean 1.029
RMS 0.1796
size [# of strips]

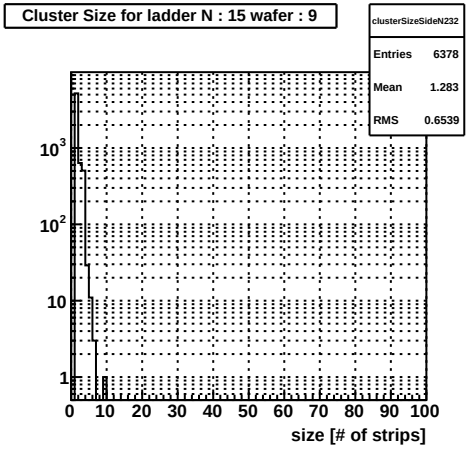

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 6165
Mean 1.122
RMS 0.4474
size [# of strips]

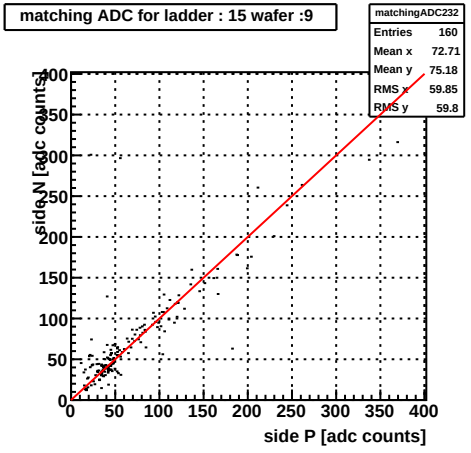

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1293
Mean x 45.81
Mean y 47.13
RMS x 51.19
RMS y 50.24
side N [adc counts]
side P [adc counts]

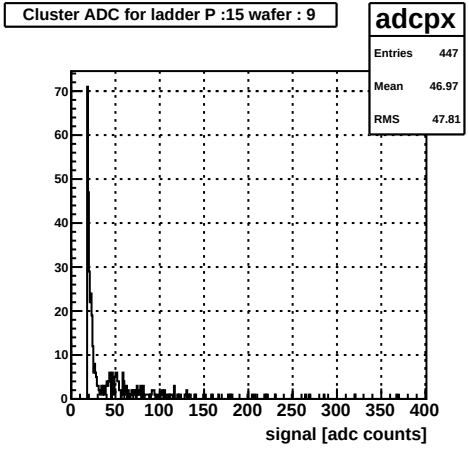

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 63413
Mean 23.52
RMS 11.94
signal [adc counts]

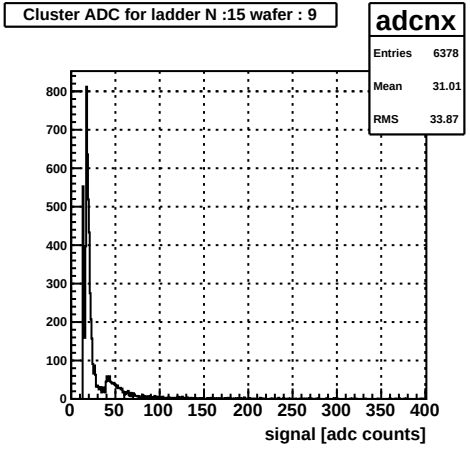

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 6165
Mean 33.83
RMS 35.93
signal [adc counts]

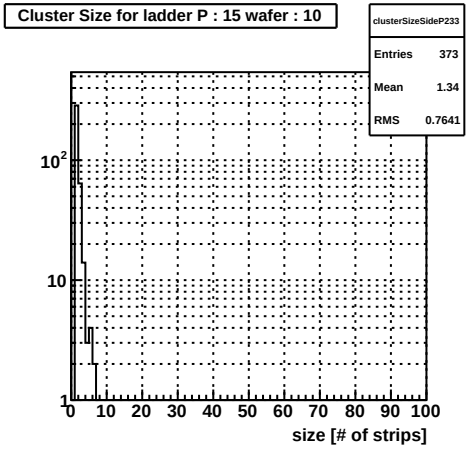

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 447
Mean 1.183
RMS 0.4982
size [# of strips]

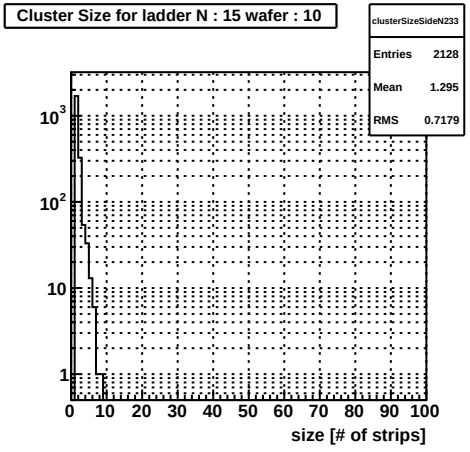

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 6378
Mean 1.283
RMS 0.6539
size [# of strips]

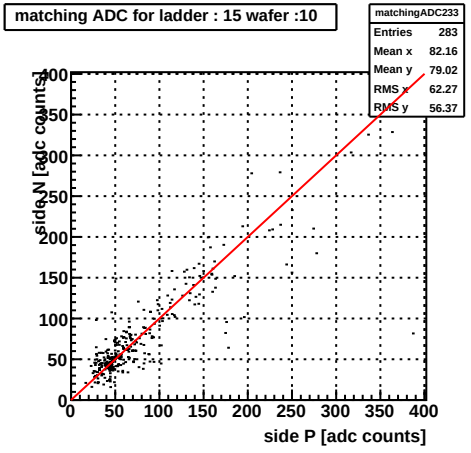

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 160
Mean x 72.71
Mean y 75.18
RMS x 59.85
RMS y 59.8
side N [adc counts]
side P [adc counts]

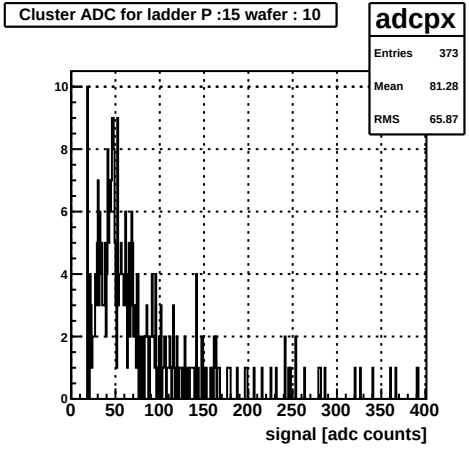

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 447
Mean 46.97
RMS 47.81
signal [adc counts]

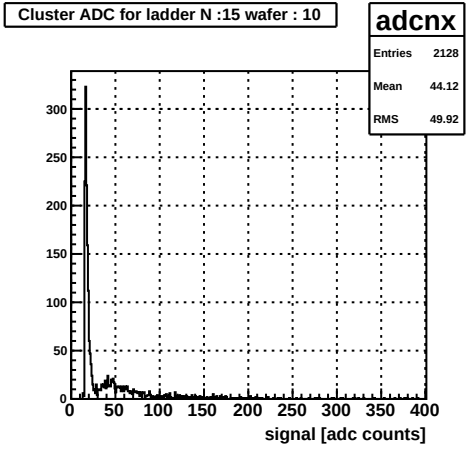

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 6378
Mean 31.01
RMS 33.87
signal [adc counts]

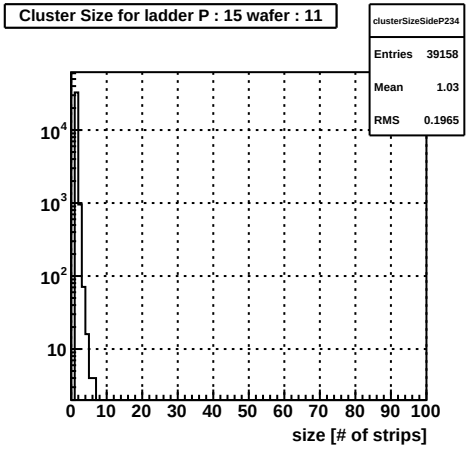

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 373
Mean 1.34
RMS 0.7641
size [# of strips]

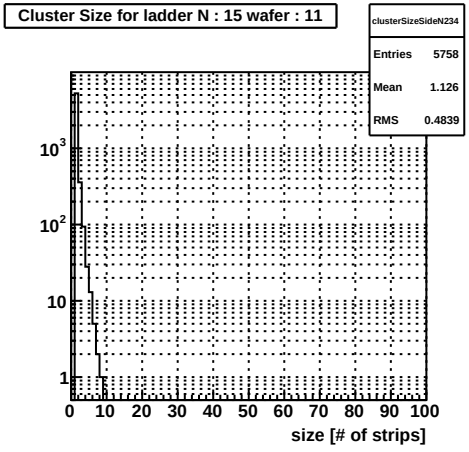

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2128
Mean 1.295
RMS 0.7179
size [# of strips]

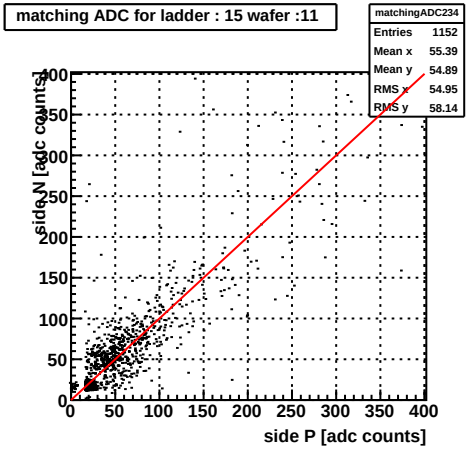

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 283
Mean x 82.16
Mean y 79.02
RMS x 62.27
RMS y 56.37
side N [adc counts]
side P [adc counts]

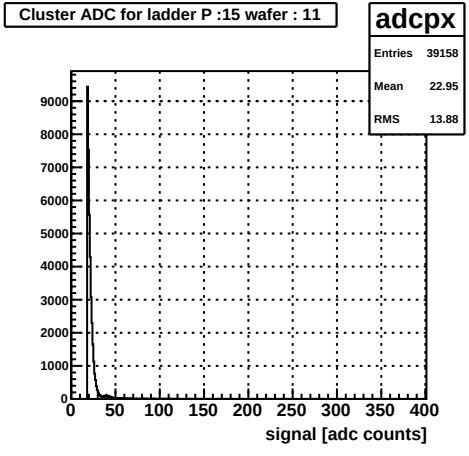

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 373
Mean 81.28
RMS 65.87
signal [adc counts]

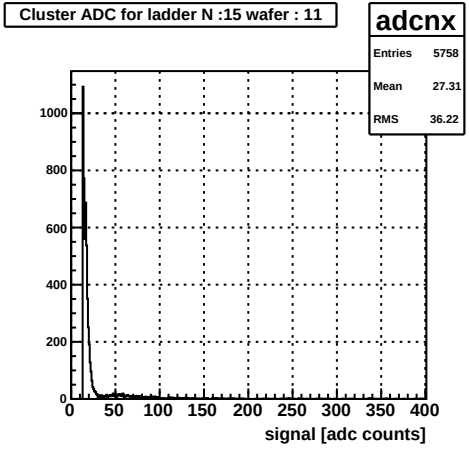

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2128
Mean 44.12
RMS 49.92
signal [adc counts]

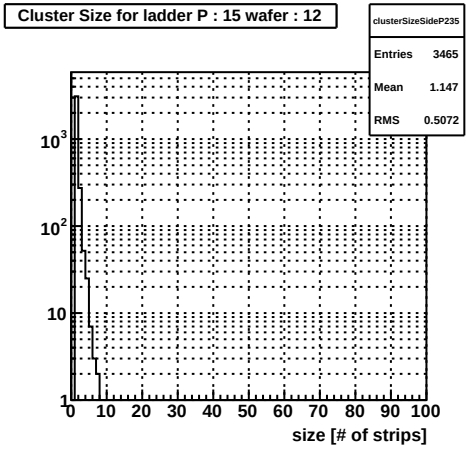

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 39158
Mean 1.03
RMS 0.1965
size [# of strips]

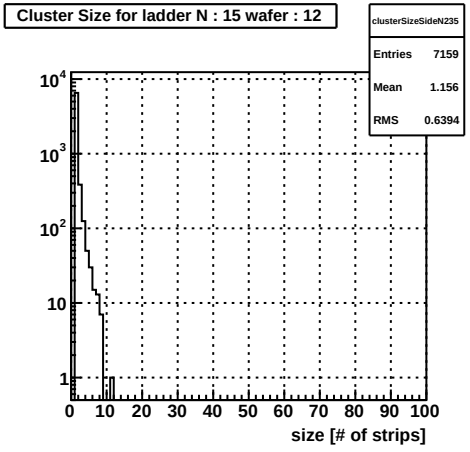

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5758
Mean 1.126
RMS 0.4839
size [# of strips]

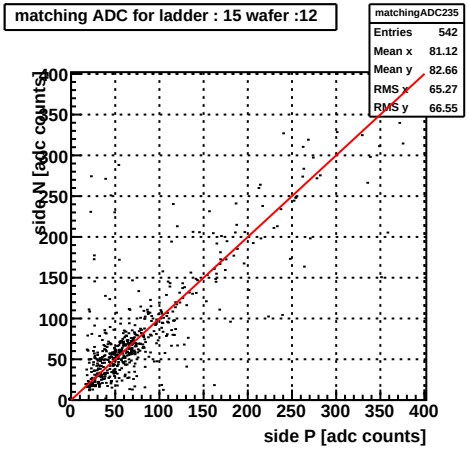

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1152
Mean x 55.39
Mean y 54.89
RMS x 54.95
RMS y 58.14
side N [adc counts]
side P [adc counts]

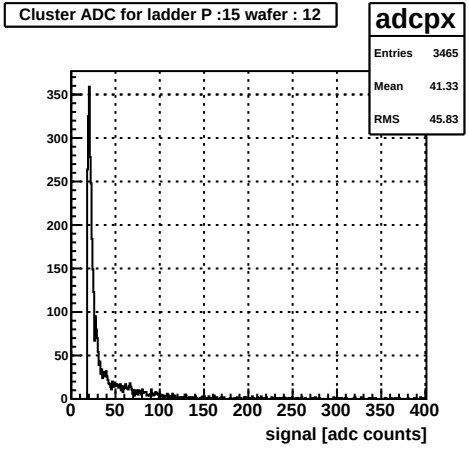

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 39158
Mean 22.95
RMS 13.88
signal [adc counts]

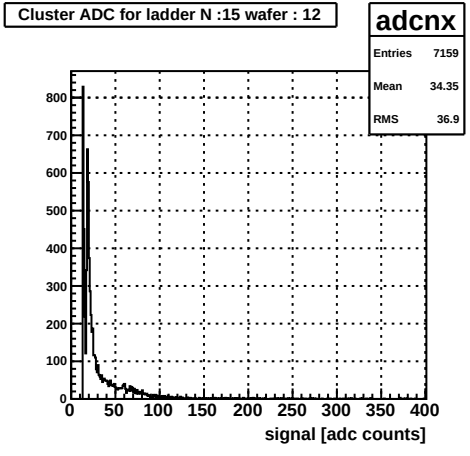

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5758
Mean 27.31
RMS 36.22
signal [adc counts]

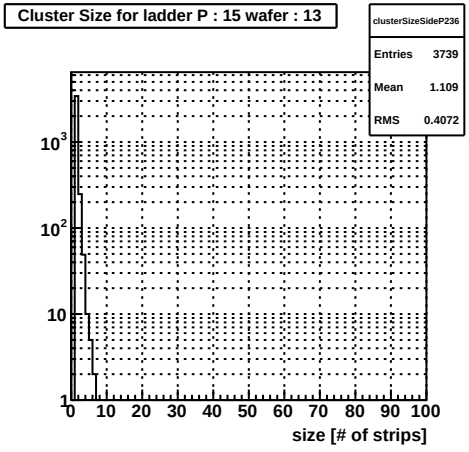

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3465
Mean 1.147
RMS 0.5072
size [# of strips]

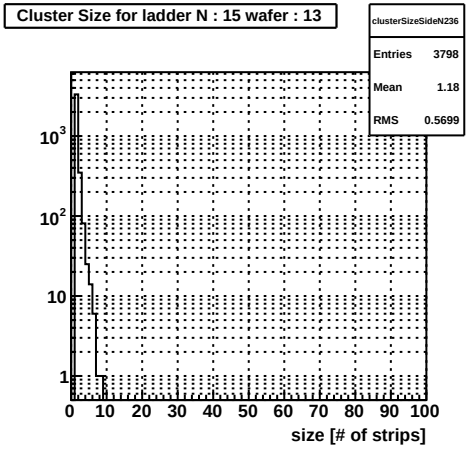

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 7159
Mean 1.156
RMS 0.6394
size [# of strips]

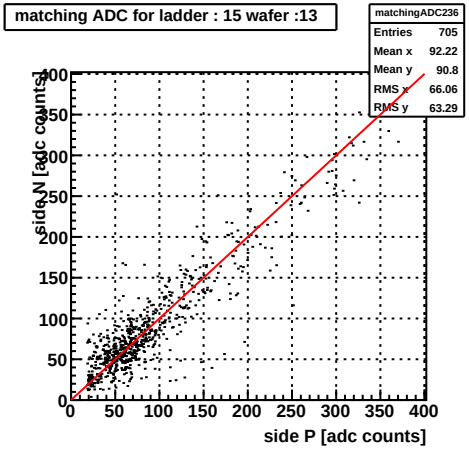

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 542
Mean x 81.12
Mean y 82.66
RMS x 65.27
RMS y 66.55
side N [adc counts]
side P [adc counts]

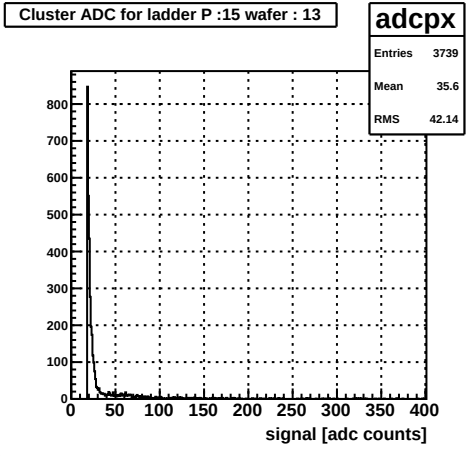

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3465
Mean 41.33
RMS 45.83
signal [adc counts]

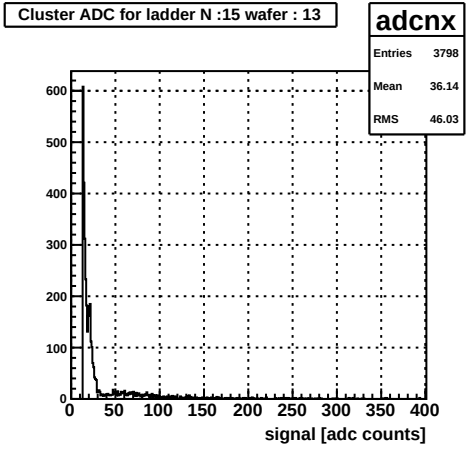

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 7159
Mean 34.35
RMS 36.9
signal [adc counts]

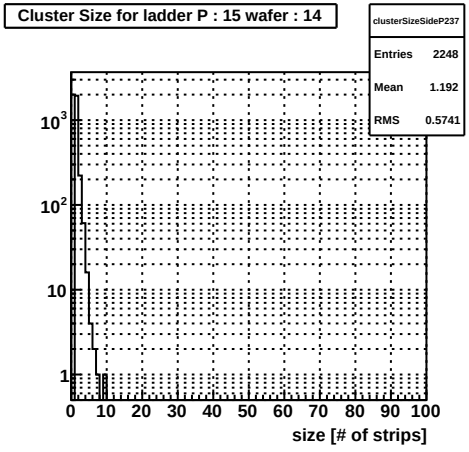

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3739
Mean 1.109
RMS 0.4072
size [# of strips]

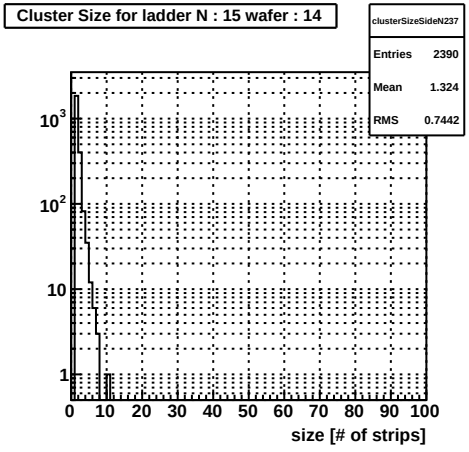

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 3798
Mean 1.18
RMS 0.5699
size [# of strips]

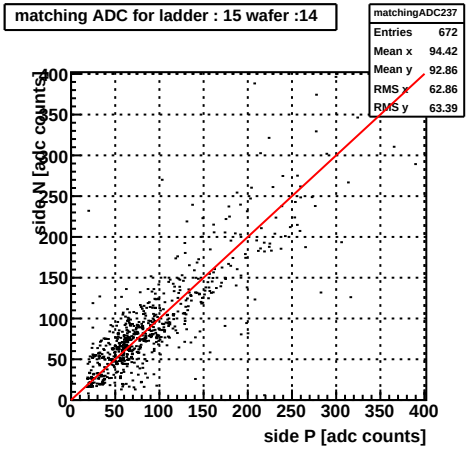

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 705
Mean x 92.22
Mean y 90.8
RMS x 66.06
RMS y 63.29
side N [adc counts]
side P [adc counts]

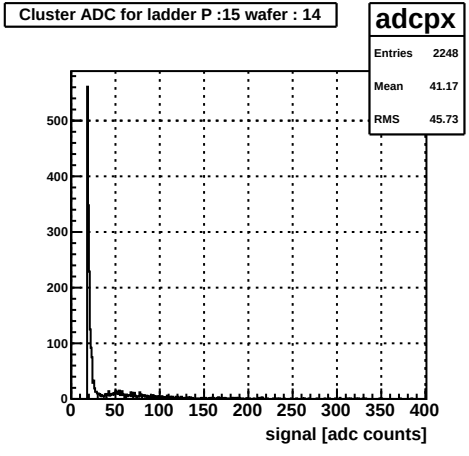

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3739
Mean 35.6
RMS 42.14
signal [adc counts]

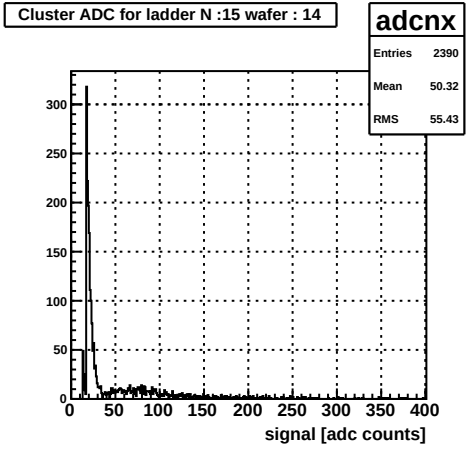

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 3798
Mean 36.14
RMS 46.03
signal [adc counts]

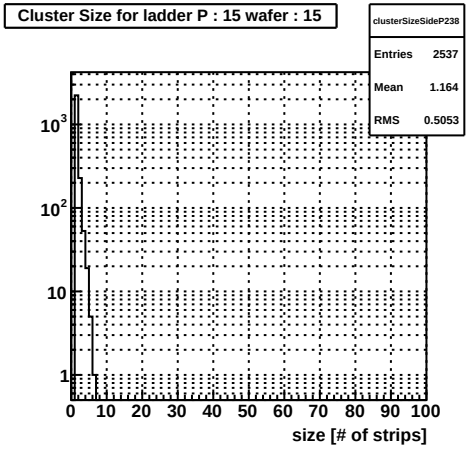

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2248
Mean 1.192
RMS 0.5741
size [# of strips]

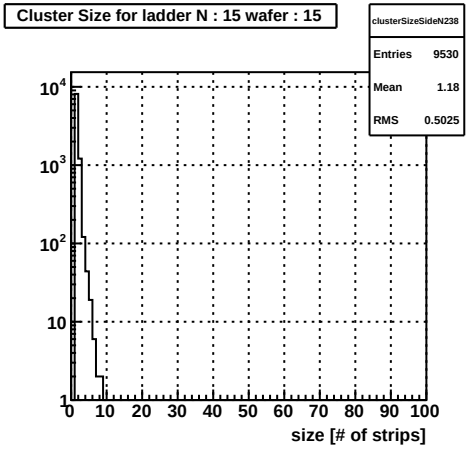

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2390
Mean 1.324
RMS 0.7442
size [# of strips]

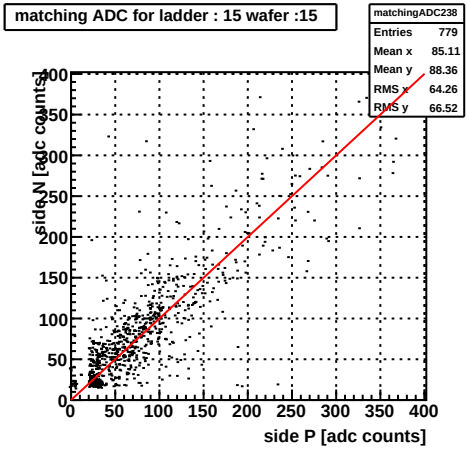

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 672
Mean x 94.42
Mean y 92.86
RMS x 62.86
RMS y 63.39
side N [adc counts]
side P [adc counts]

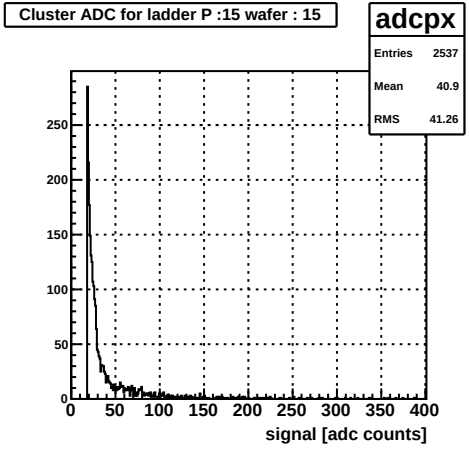

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2248
Mean 41.17
RMS 45.73
signal [adc counts]

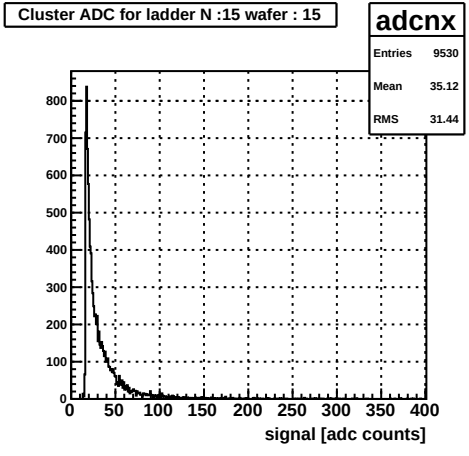

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2390
Mean 50.32
RMS 55.43
signal [adc counts]

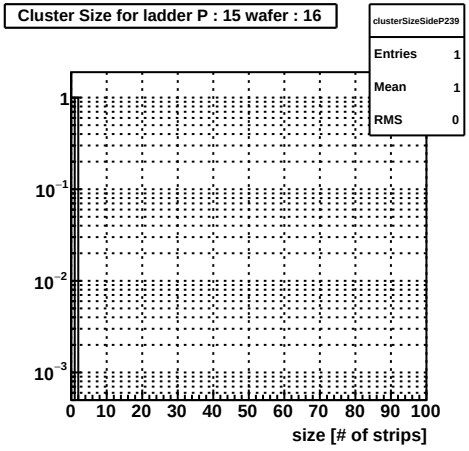

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2537
Mean 1.164
RMS 0.5053
size [# of strips]

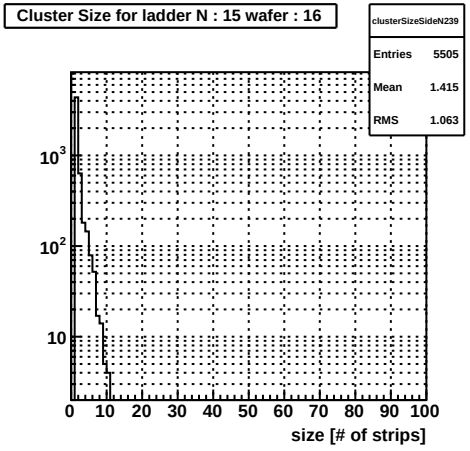

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 9530
Mean 1.18
RMS 0.5025
size [# of strips]

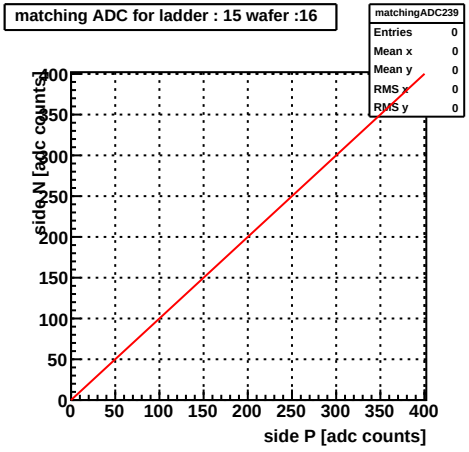

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 779
Mean x 85.11
Mean y 88.36
RMS x 64.26
RMS y 66.52
side N [adc counts]
side P [adc counts]

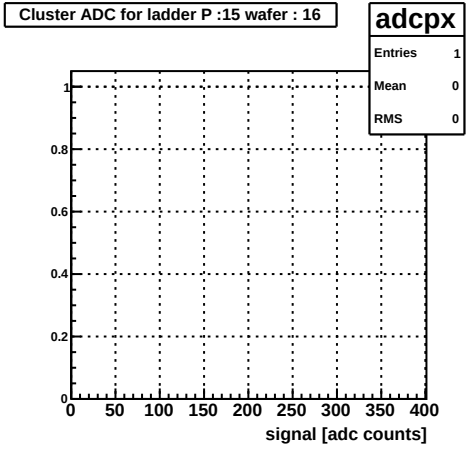

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2537
Mean 40.9
RMS 41.26
signal [adc counts]

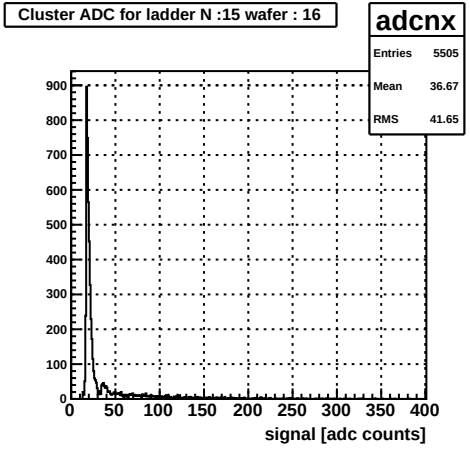

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 9530
Mean 35.12
RMS 31.44
signal [adc counts]

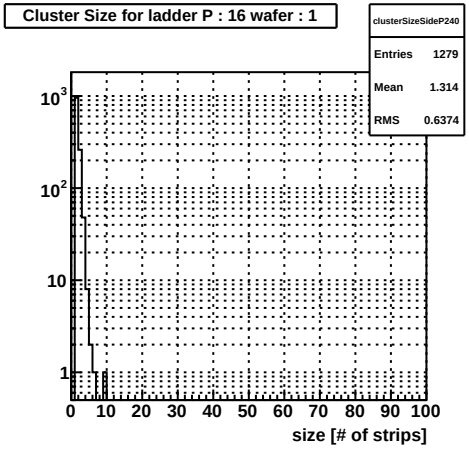

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

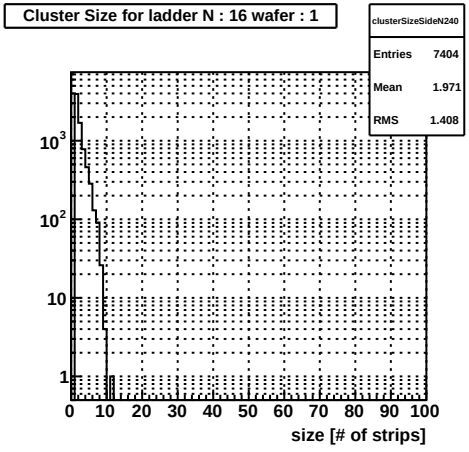

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 5505
Mean 1.415
RMS 1.063
size [# of strips]

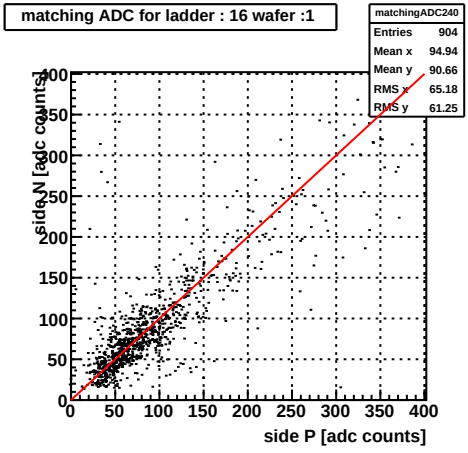

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

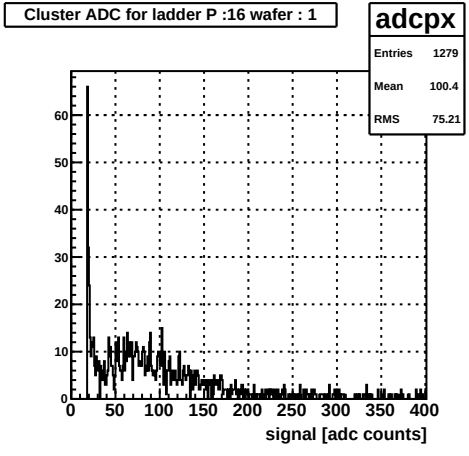

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

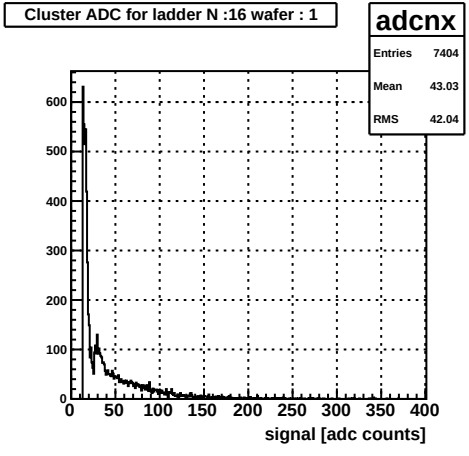

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 5505
Mean 36.67
RMS 41.65
signal [adc counts]

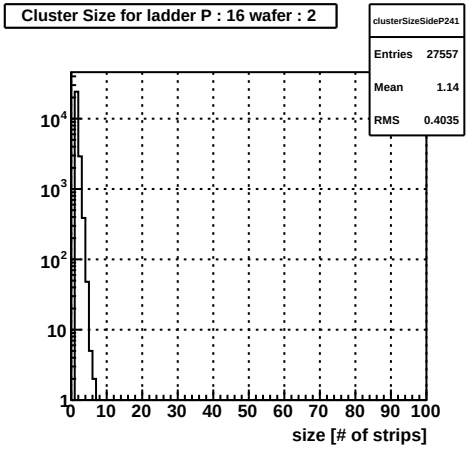

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1279
Mean 1.314
RMS 0.6374
size [# of strips]

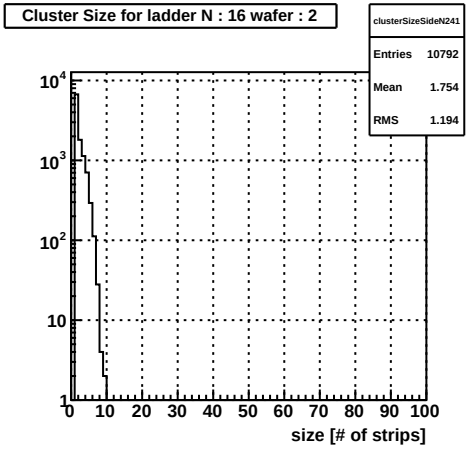

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 7404
Mean 1.971
RMS 1.408
size [# of strips]

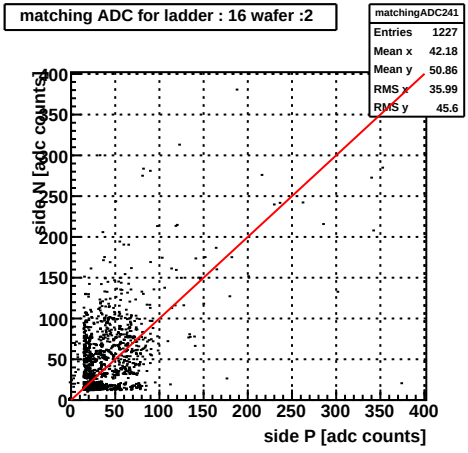

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 904
Mean x 94.94
Mean y 90.66
RMS x 65.18
RMS y 61.25
side N [adc counts]
side P [adc counts]

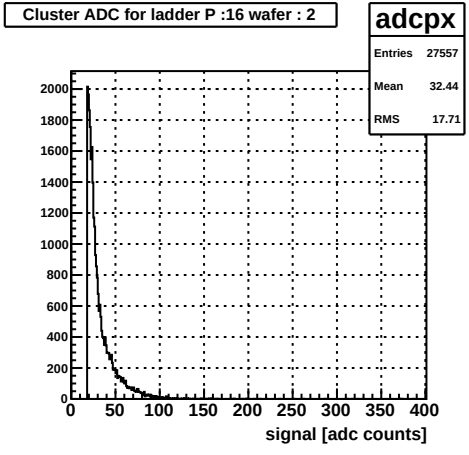

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1279
Mean 100.4
RMS 75.21
signal [adc counts]

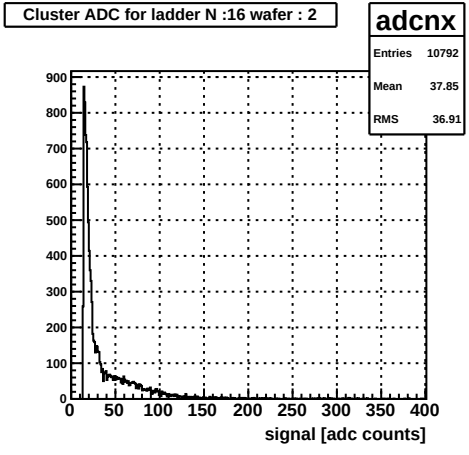

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 7404
Mean 43.03
RMS 42.04
signal [adc counts]

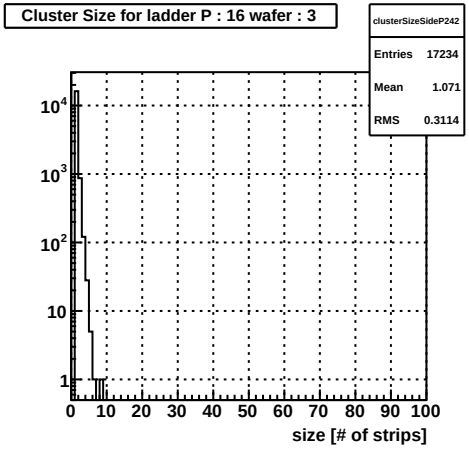

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 27557
Mean 1.14
RMS 0.4035
size [# of strips]

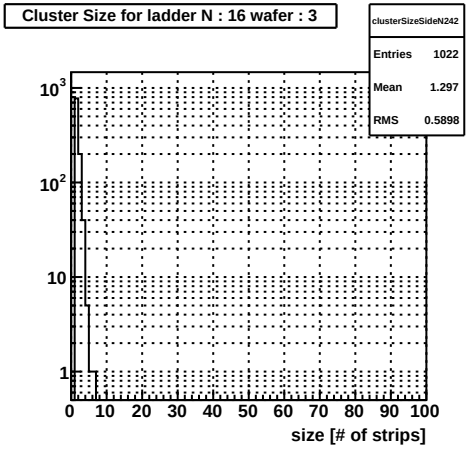

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 10792
Mean 1.754
RMS 1.194
size [# of strips]

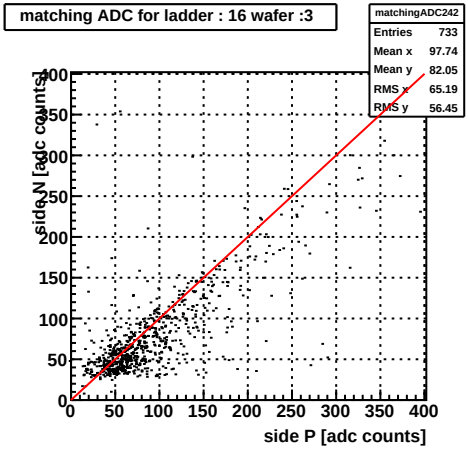

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1227
Mean x 42.18
Mean y 50.86
RMS x 35.99
RMS y 45.6
side N [adc counts]
side P [adc counts]

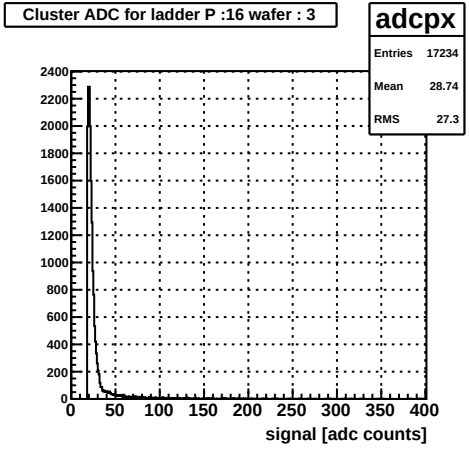

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 27557
Mean 32.44
RMS 17.71
signal [adc counts]

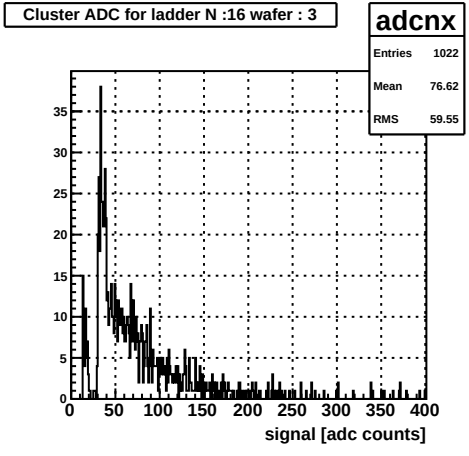

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 10792
Mean 37.85
RMS 36.91
signal [adc counts]

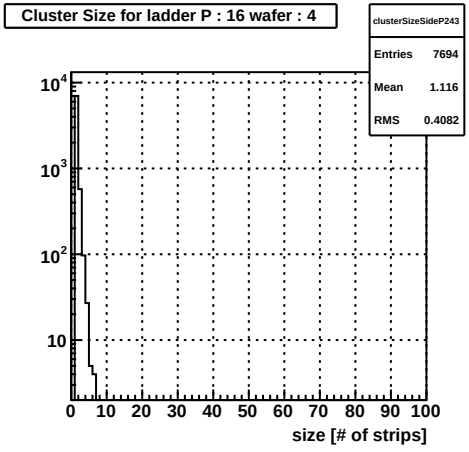

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 17234
Mean 1.071
RMS 0.3114
size [# of strips]

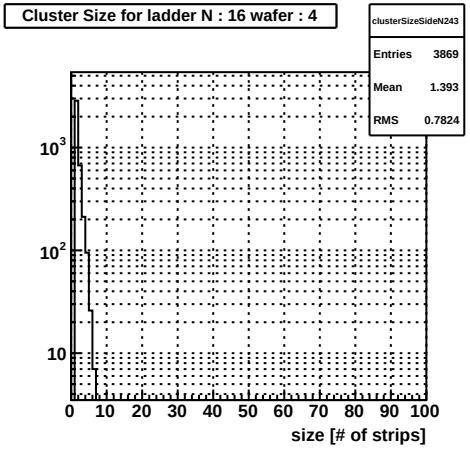

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1022
Mean 1.297
RMS 0.5898
size [# of strips]

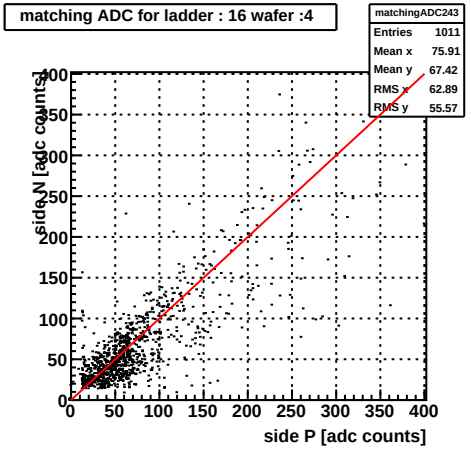

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 733
Mean x 97.74
Mean y 82.05
RMS x 65.19
RMS y 56.45
side N [adc counts]
side P [adc counts]

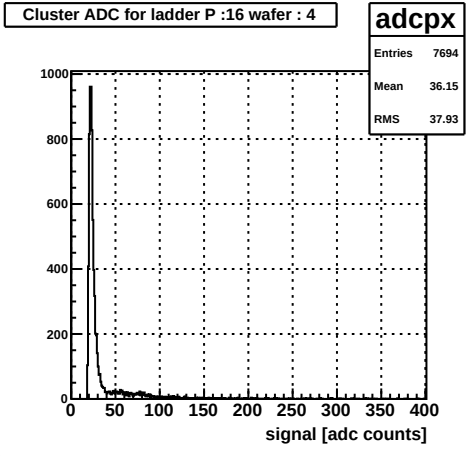

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 17234
Mean 28.74
RMS 27.3
signal [adc counts]

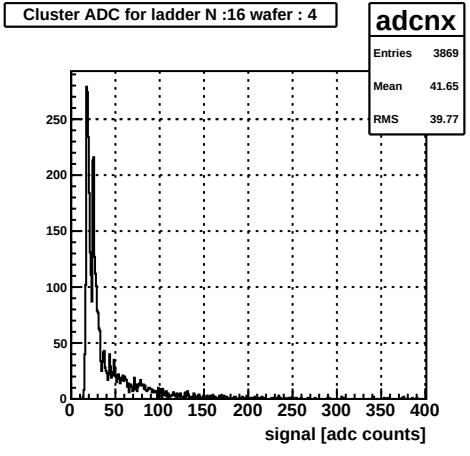

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1022
Mean 76.62
RMS 59.55
signal [adc counts]

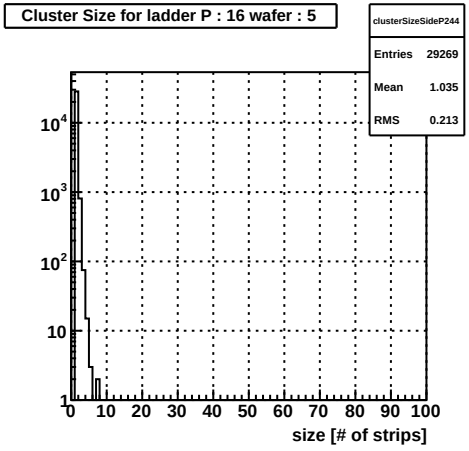

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 7694
Mean 1.116
RMS 0.4082
size [# of strips]

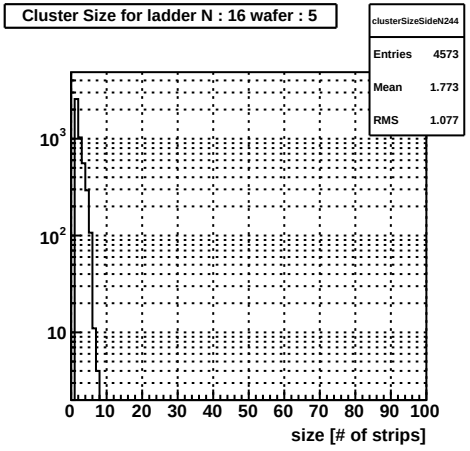

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3869
Mean 1.393
RMS 0.7824
size [# of strips]

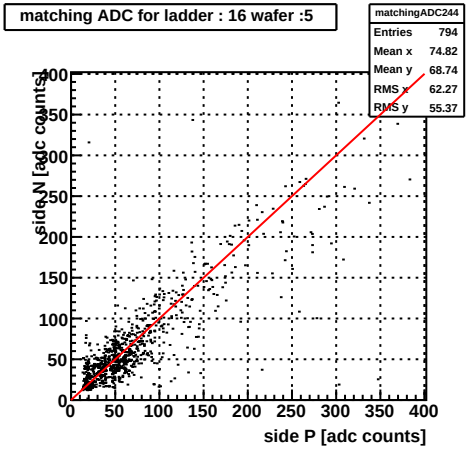

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1011
Mean x 75.91
Mean y 67.42
RMS x 62.89
RMS y 55.57
side N [adc counts]
side P [adc counts]

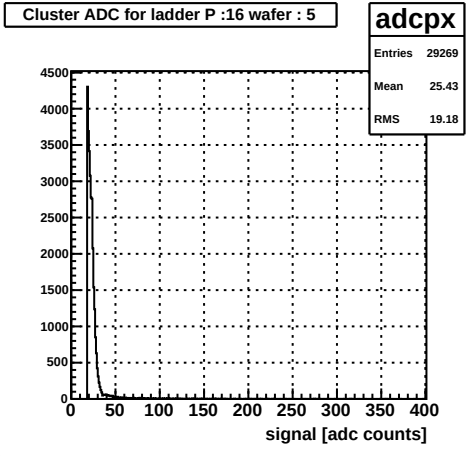

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 7694
Mean 36.15
RMS 37.93
signal [adc counts]

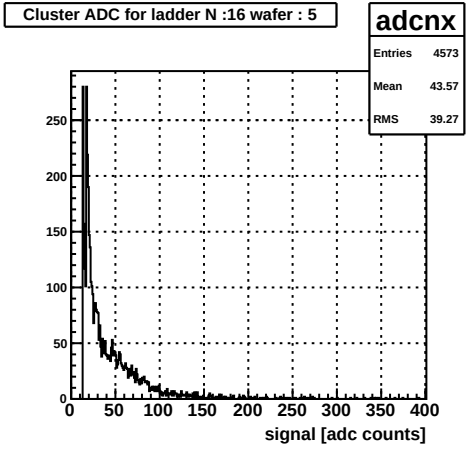

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3869
Mean 41.65
RMS 39.77
signal [adc counts]

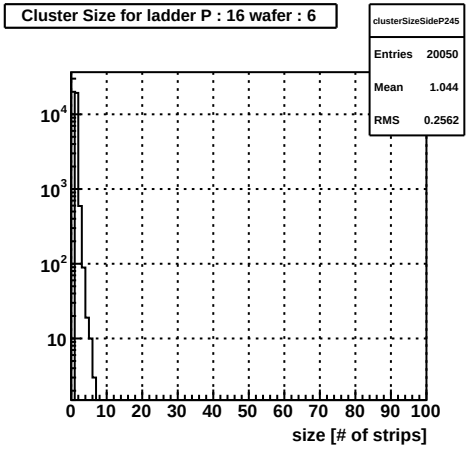

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 29269
Mean 1.035
RMS 0.213
size [# of strips]

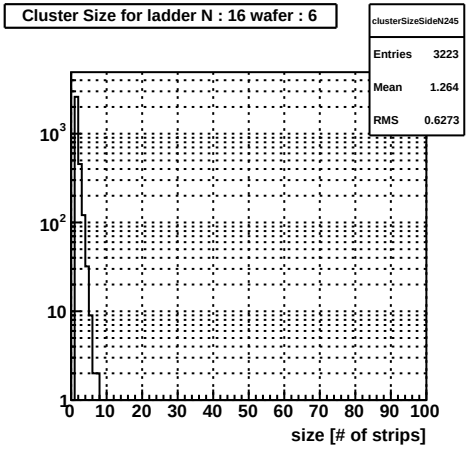

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 4573
Mean 1.773
RMS 1.077
size [# of strips]

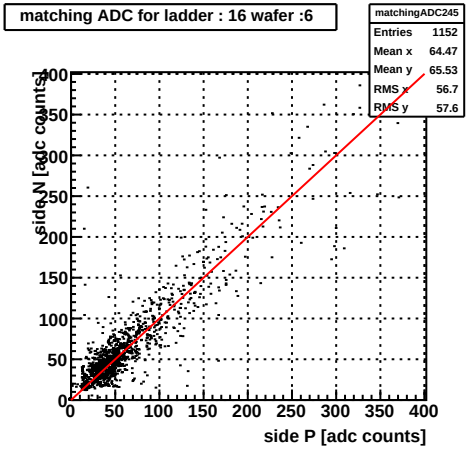

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 794
Mean x 74.82
Mean y 68.74
RMS x 62.27
RMS y 55.37
side N [adc counts]
side P [adc counts]

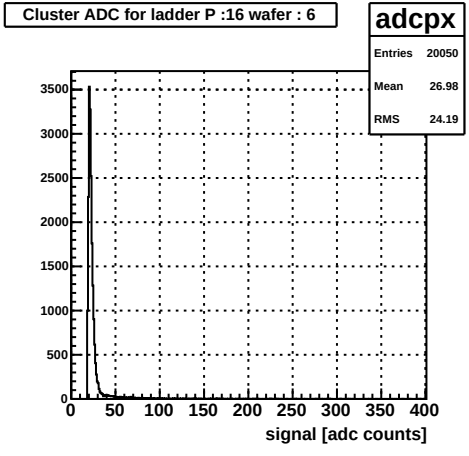

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 29269
Mean 25.43
RMS 19.18
signal [adc counts]

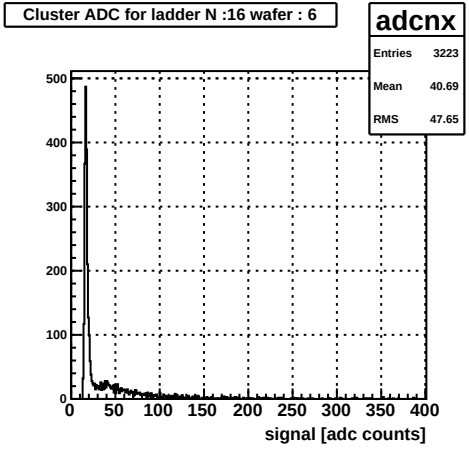

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 4573
Mean 43.57
RMS 39.27
signal [adc counts]

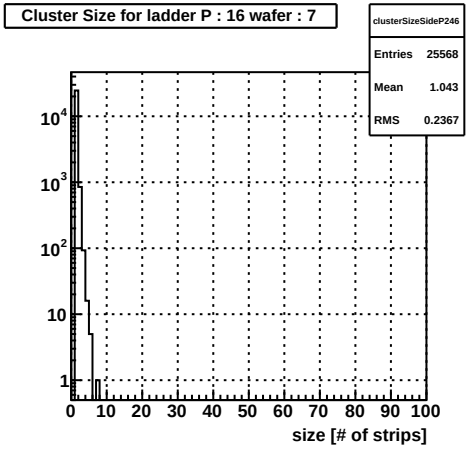

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 20050
Mean 1.044
RMS 0.2562
size [# of strips]

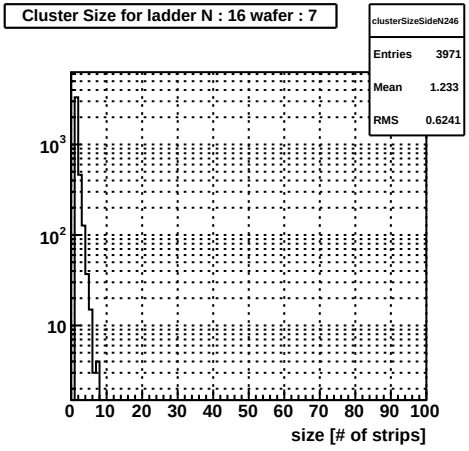

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3223
Mean 1.264
RMS 0.6273
size [# of strips]

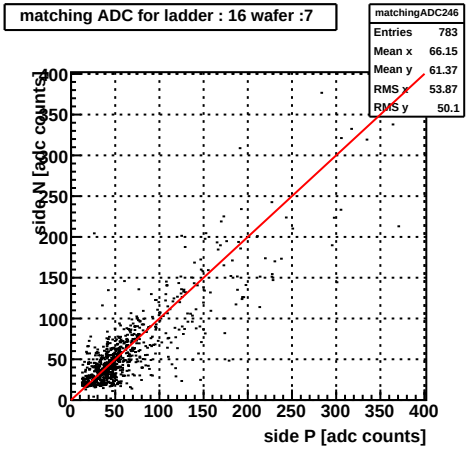

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1152
Mean x 64.47
Mean y 65.53
RMS x 56.7
RMS y 57.6
side N [adc counts]
side P [adc counts]

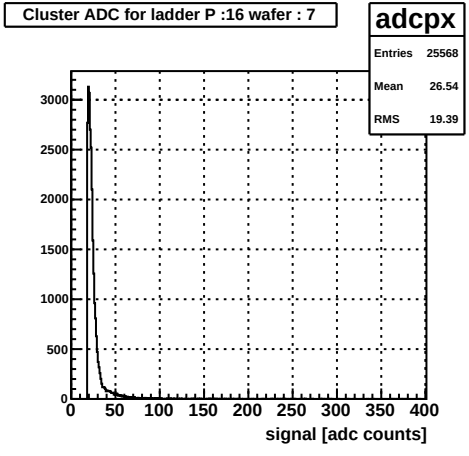

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 20050
Mean 26.98
RMS 24.19
signal [adc counts]

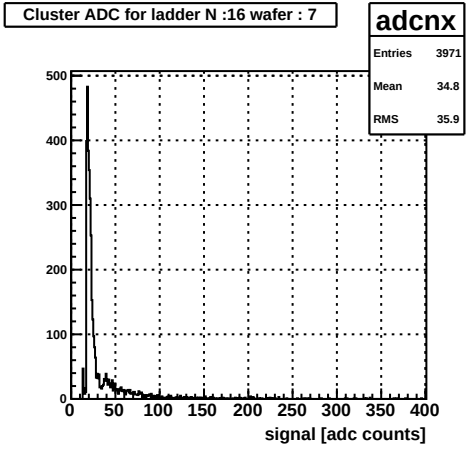

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3223
Mean 40.69
RMS 47.65
signal [adc counts]

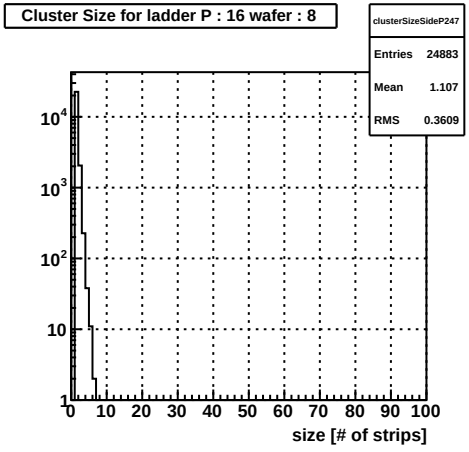

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 25568
Mean 1.043
RMS 0.2367
size [# of strips]

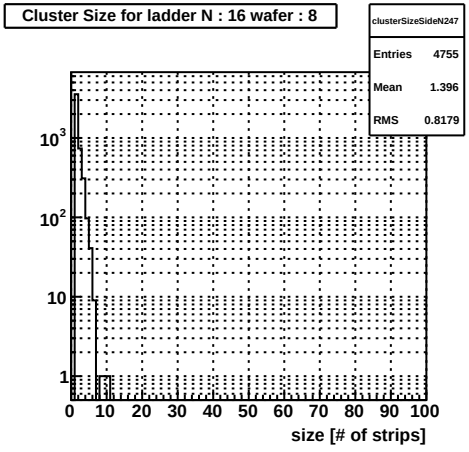

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3971
Mean 1.233
RMS 0.6241
size [# of strips]

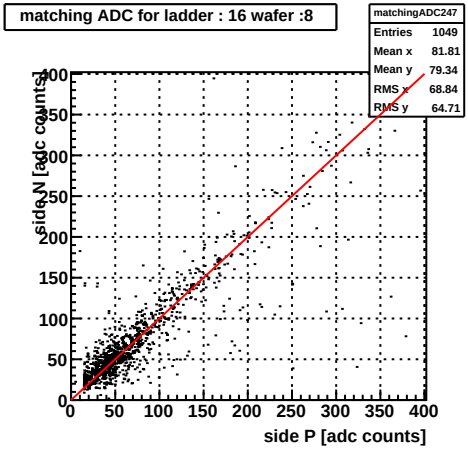

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 783
Mean x 66.15
Mean y 61.37
RMS x 53.87
RMS y 50.1
side N [adc counts]
side P [adc counts]

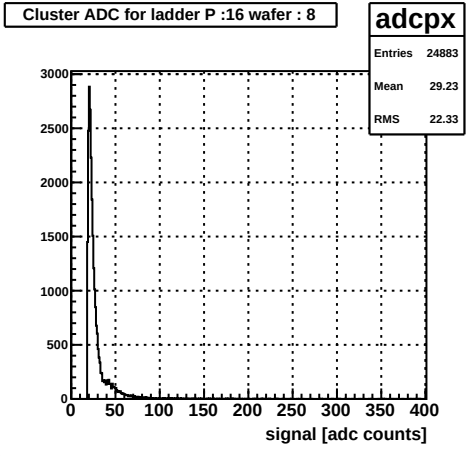

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 25568
Mean 26.54
RMS 19.39
signal [adc counts]

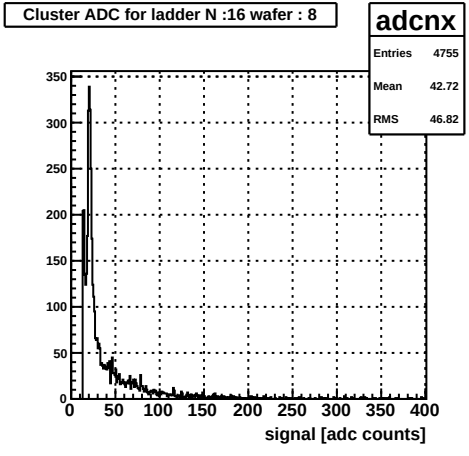

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3971
Mean 34.8
RMS 35.9
signal [adc counts]

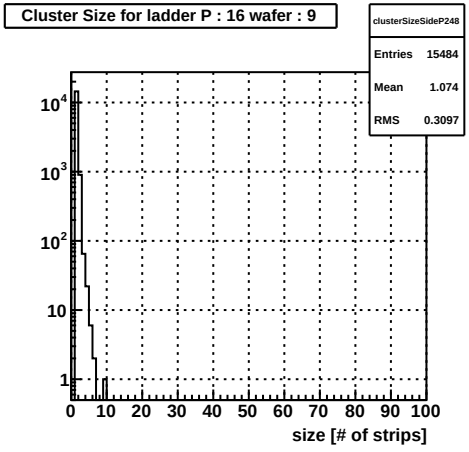

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 24883
Mean 1.107
RMS 0.3609
size [# of strips]

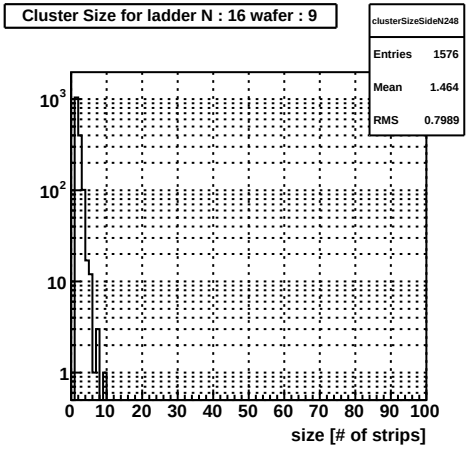

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4755
Mean 1.396
RMS 0.8179
size [# of strips]

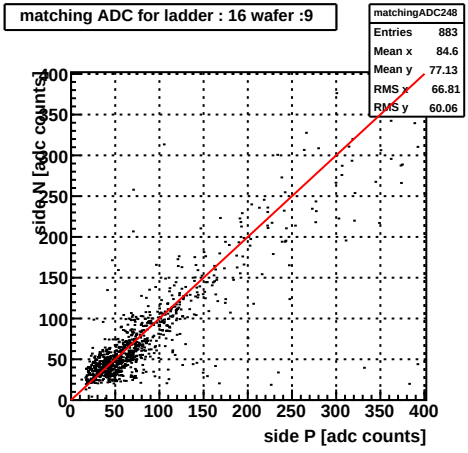

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1049
Mean x 81.81
Mean y 79.34
RMS x 68.84
RMS y 64.71
side N [adc counts]
side P [adc counts]

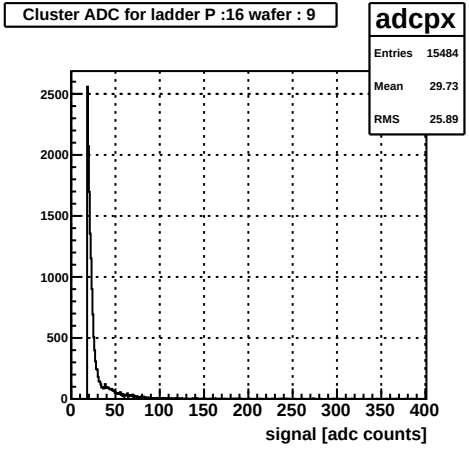

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 24883
Mean 29.23
RMS 22.33
signal [adc counts]

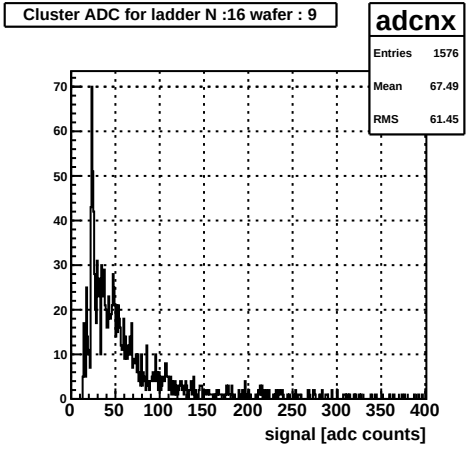

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4755
Mean 42.72
RMS 46.82
signal [adc counts]

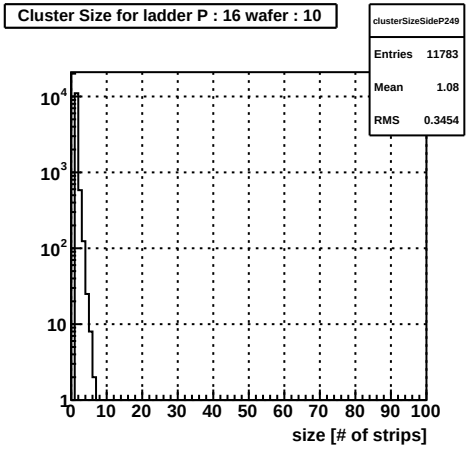

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 15484
Mean 1.074
RMS 0.3097
size [# of strips]

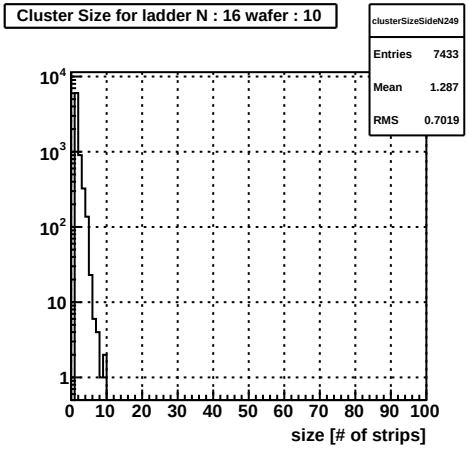

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 1576
Mean 1.464
RMS 0.7989
size [# of strips]

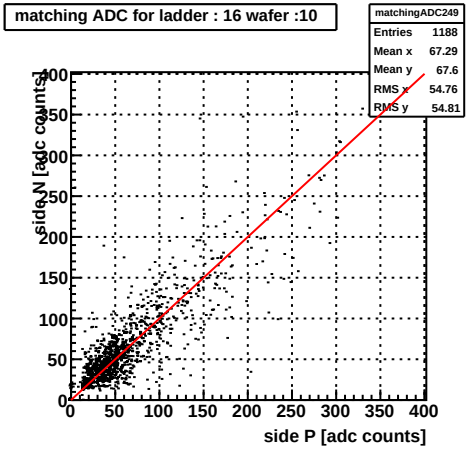

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 883
Mean x 84.6
Mean y 77.13
RMS x 66.81
RMS y 60.06
side N [adc counts]
side P [adc counts]

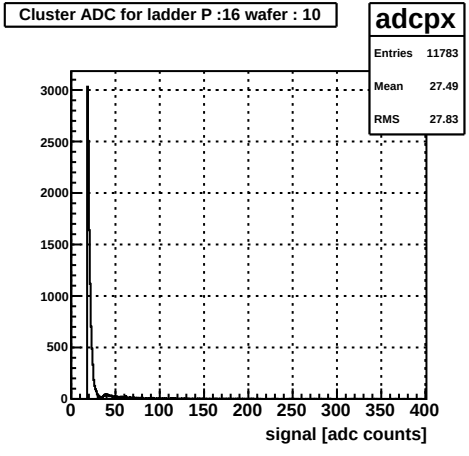

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 15484
Mean 29.73
RMS 25.89
signal [adc counts]

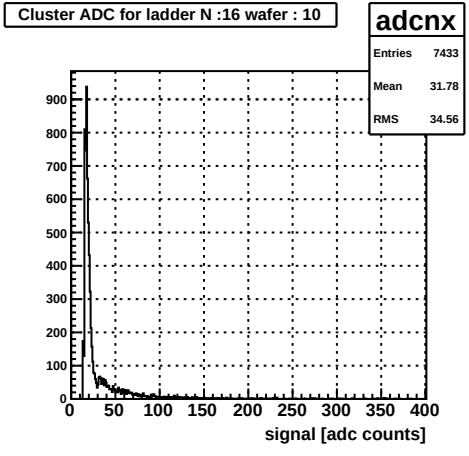

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 1576
Mean 67.49
RMS 61.45
signal [adc counts]

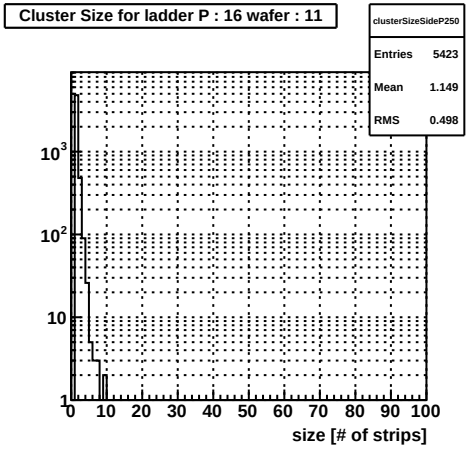

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 11783
Mean 1.08
RMS 0.3454
size [# of strips]

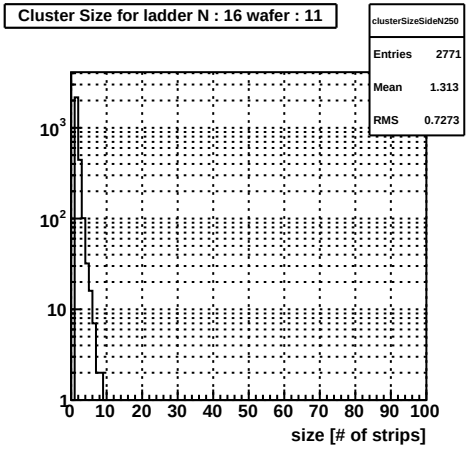

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 7433
Mean 1.287
RMS 0.7019
size [# of strips]

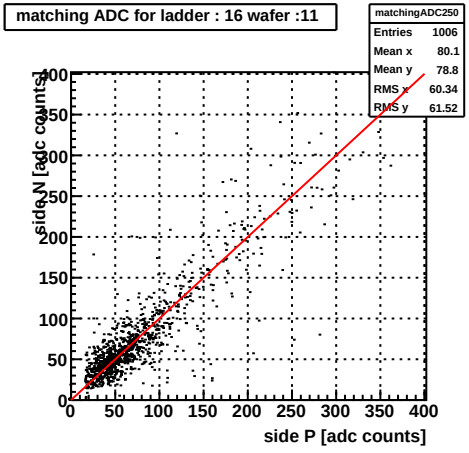

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1188
Mean x 67.29
Mean y 67.6
RMS x 54.76
RMS y 54.81
side N [adc counts]
side P [adc counts]

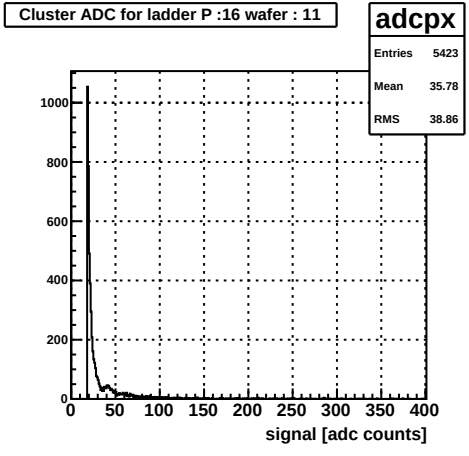

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 11783
Mean 27.49
RMS 27.83
signal [adc counts]

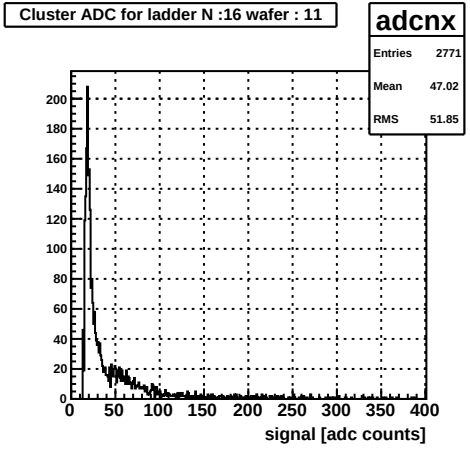

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 7433
Mean 31.78
RMS 34.56
signal [adc counts]

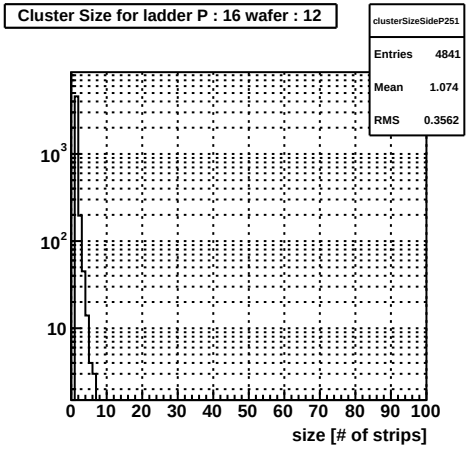

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5423
Mean 1.149
RMS 0.498
size [# of strips]

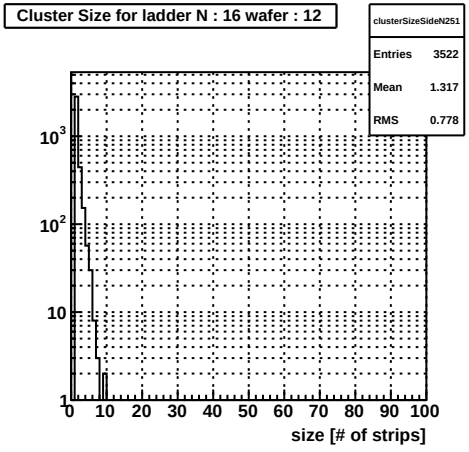

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2771
Mean 1.313
RMS 0.7273
size [# of strips]

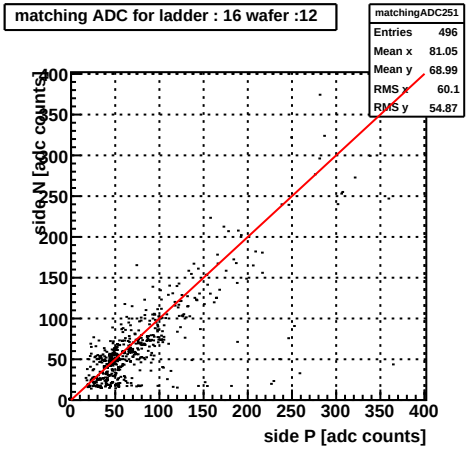

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1006
Mean x 80.1
Mean y 78.8
RMS x 60.34
RMS y 61.52
side N [adc counts]
side P [adc counts]

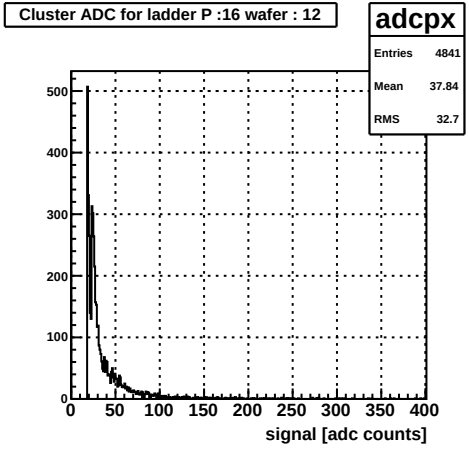

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5423
Mean 35.78
RMS 38.86
signal [adc counts]

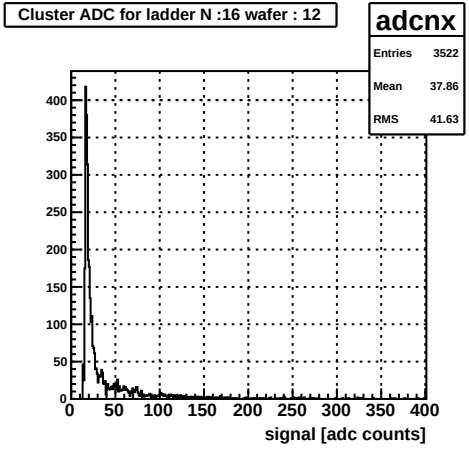

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2771
Mean 47.02
RMS 51.85
signal [adc counts]

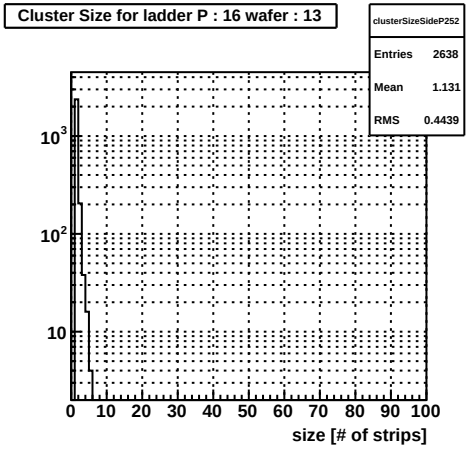

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 4841
Mean 1.074
RMS 0.3562
size [# of strips]

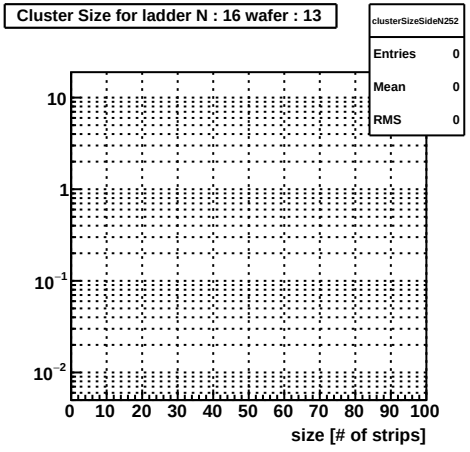

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3522
Mean 1.317
RMS 0.778
size [# of strips]

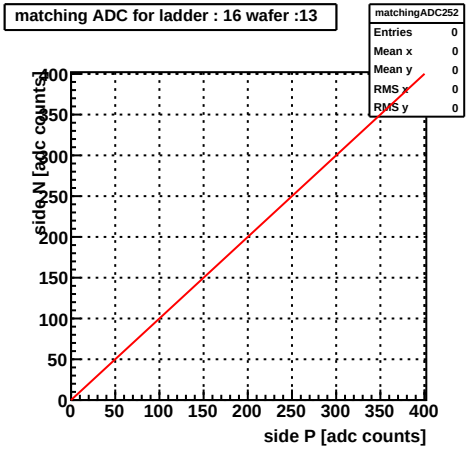

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 496
Mean x 81.05
Mean y 68.99
RMS x 60.1
RMS y 54.87
side N [adc counts]
side P [adc counts]

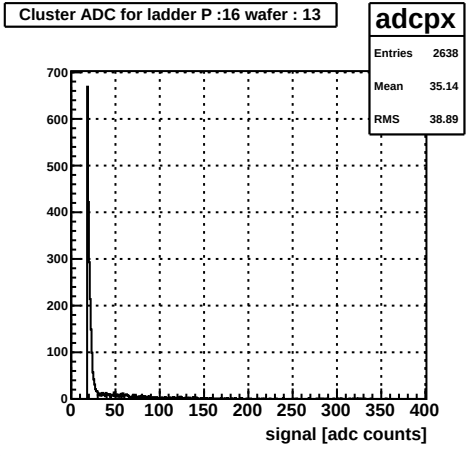

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 4841
Mean 37.84
RMS 32.7
signal [adc counts]

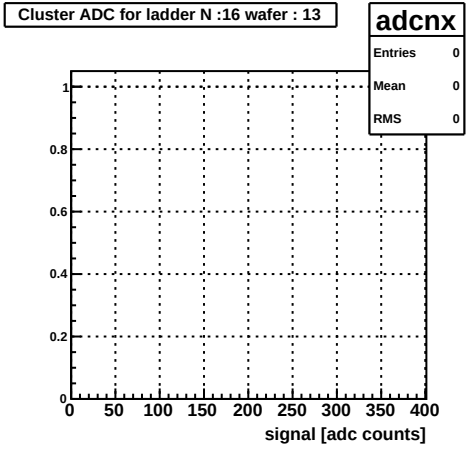

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3522
Mean 37.86
RMS 41.63
signal [adc counts]

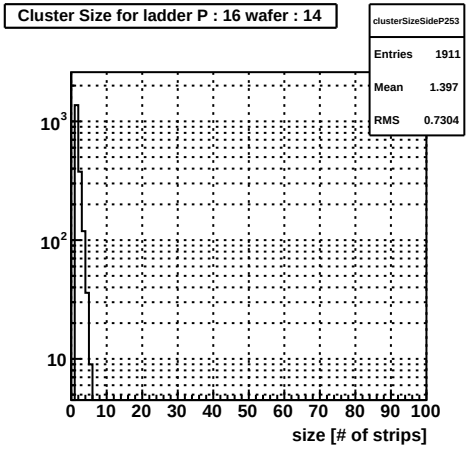

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2638
Mean 1.131
RMS 0.4439
size [# of strips]

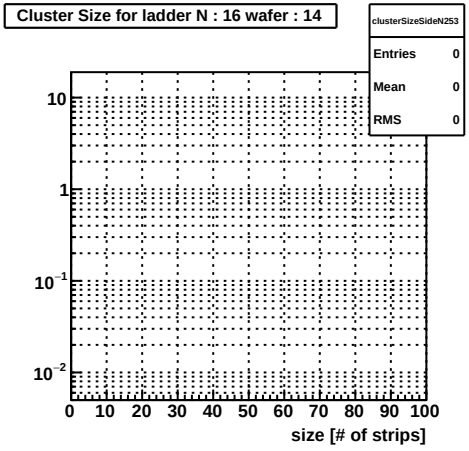

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

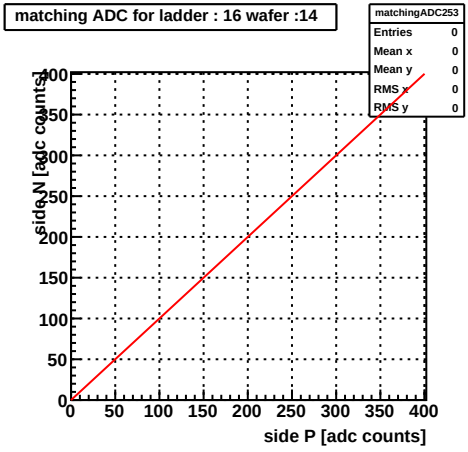

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

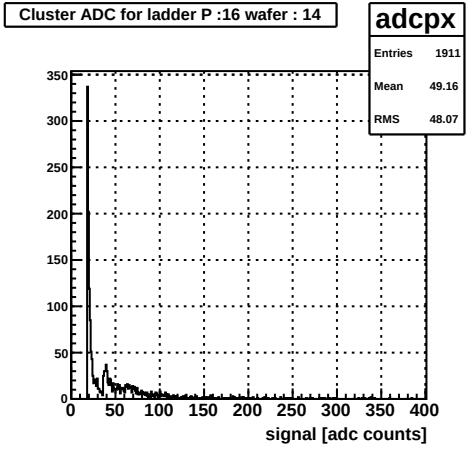

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2638
Mean 35.14
RMS 38.89
signal [adc counts]

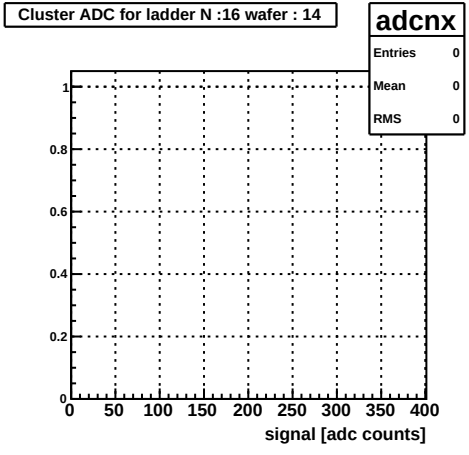

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

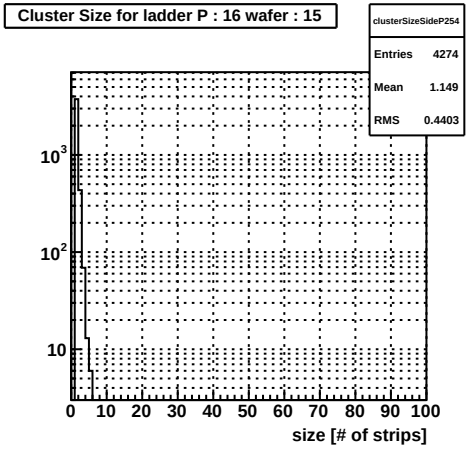

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1911
Mean 1.397
RMS 0.7304
size [# of strips]

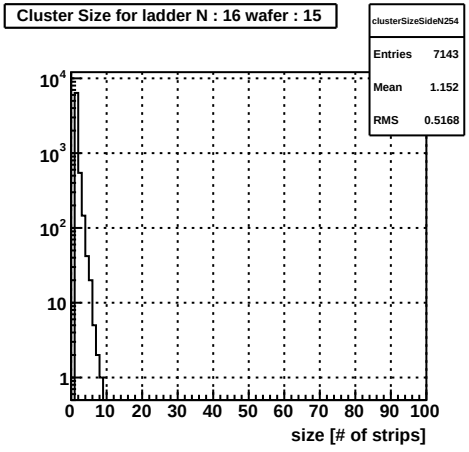

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

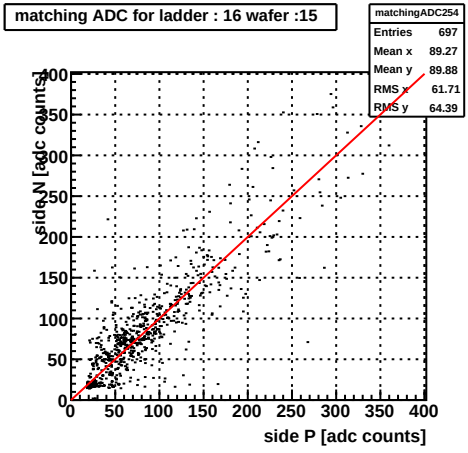

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

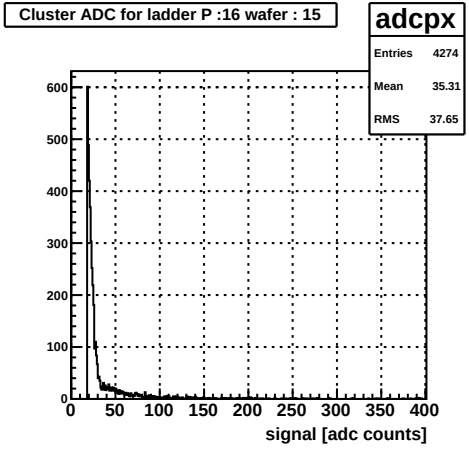

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1911
Mean 49.16
RMS 48.07
signal [adc counts]

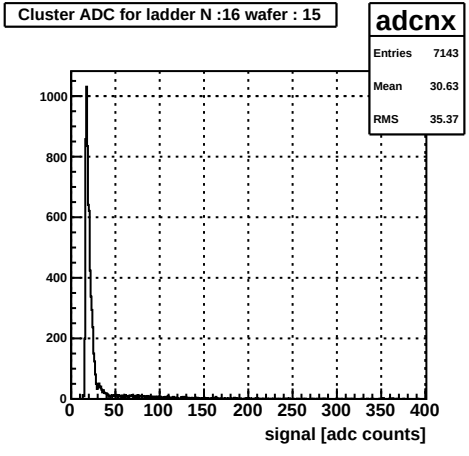

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

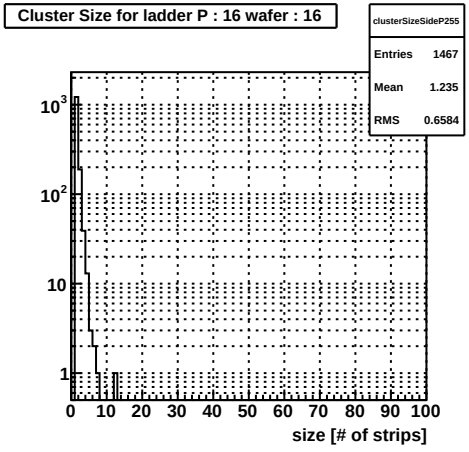

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4274
Mean 1.149
RMS 0.4403
size [# of strips]

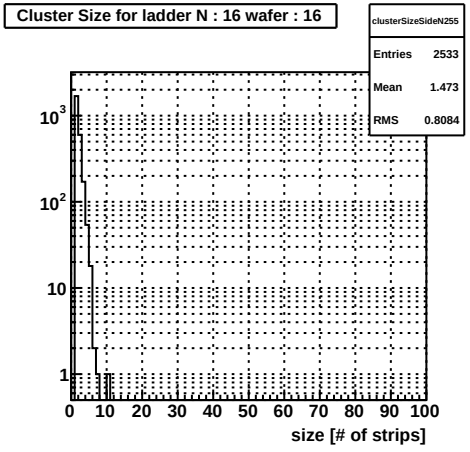

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 7143
Mean 1.152
RMS 0.5168
size [# of strips]

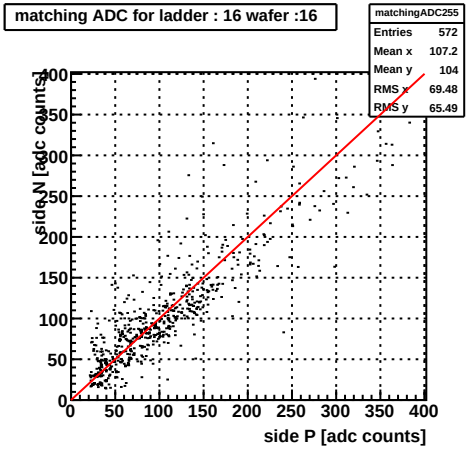

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 697
Mean x 89.27
Mean y 89.88
RMS x 61.71
RMS y 64.39
side N [adc counts]
side P [adc counts]

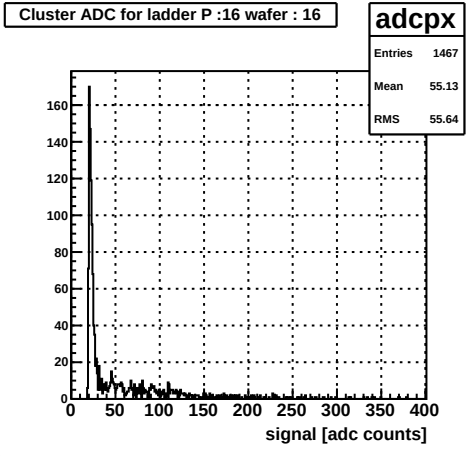

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4274
Mean 35.31
RMS 37.65
signal [adc counts]

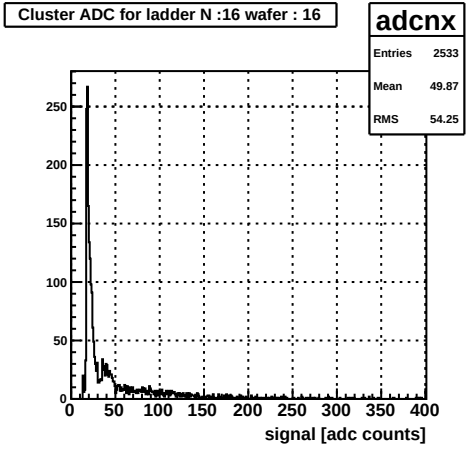

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 7143
Mean 30.63
RMS 35.37
signal [adc counts]

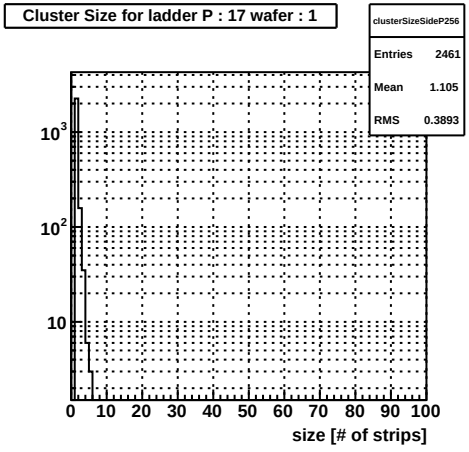

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1467
Mean 1.235
RMS 0.6584
size [# of strips]

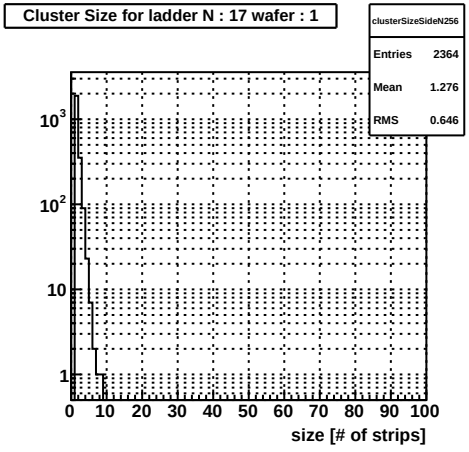

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2533
Mean 1.473
RMS 0.8084
size [# of strips]

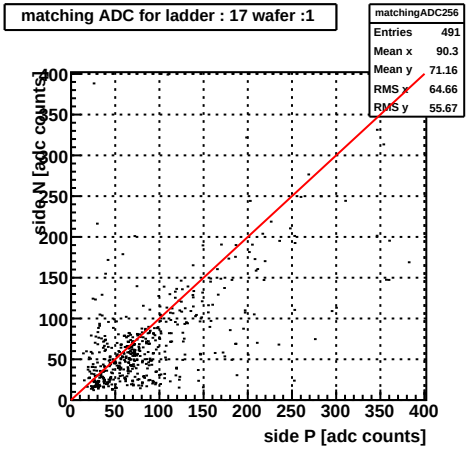

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 572
Mean x 107.2
Mean y 104
RMS x 69.48
RMS y 65.49
side N [adc counts]
side P [adc counts]

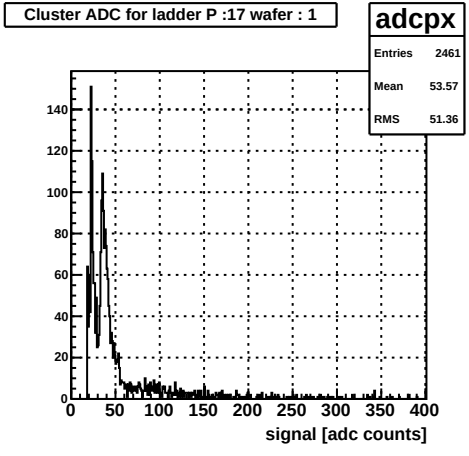

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1467
Mean 55.13
RMS 55.64
signal [adc counts]

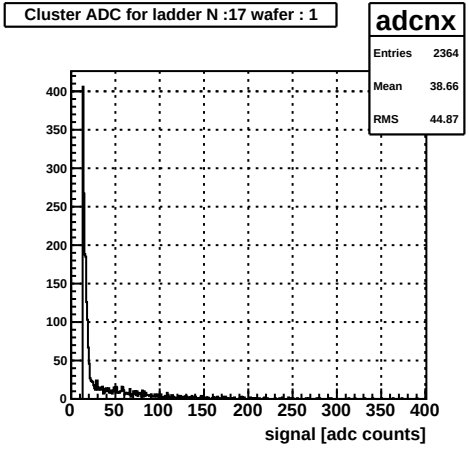

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2533
Mean 49.87
RMS 54.25
signal [adc counts]

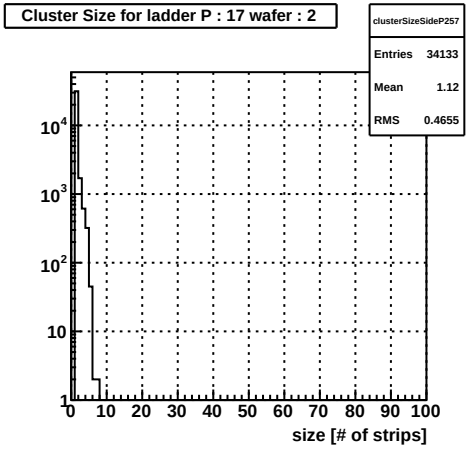

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 2461
Mean 1.105
RMS 0.3893
size [# of strips]

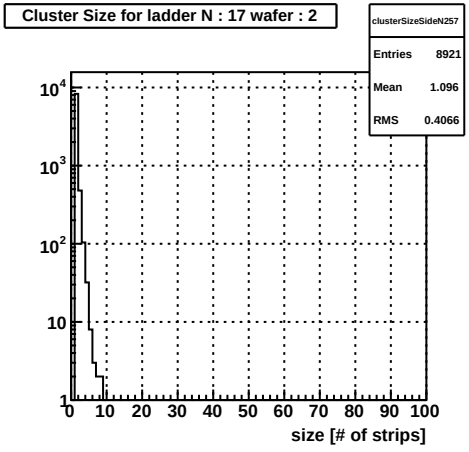

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2364
Mean 1.276
RMS 0.646
size [# of strips]

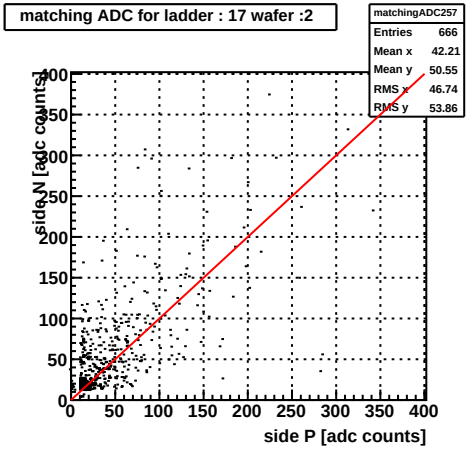

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 491
Mean x 90.3
Mean y 71.16
RMS x 64.66
RMS y 55.67
side N [adc counts]
side P [adc counts]

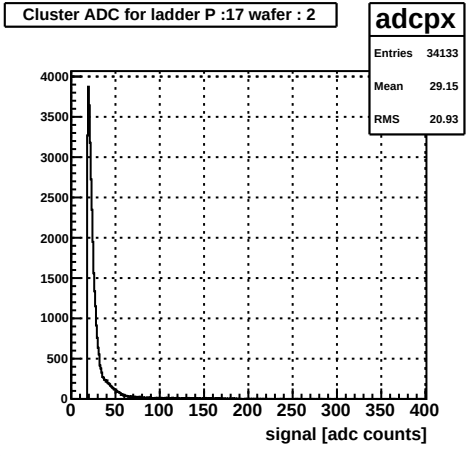

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 2461
Mean 53.57
RMS 51.36
signal [adc counts]

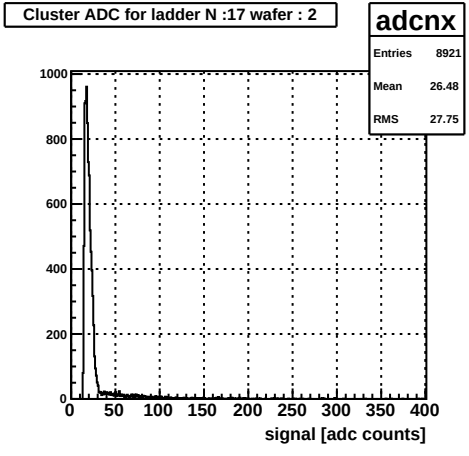

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2364
Mean 38.66
RMS 44.87
signal [adc counts]

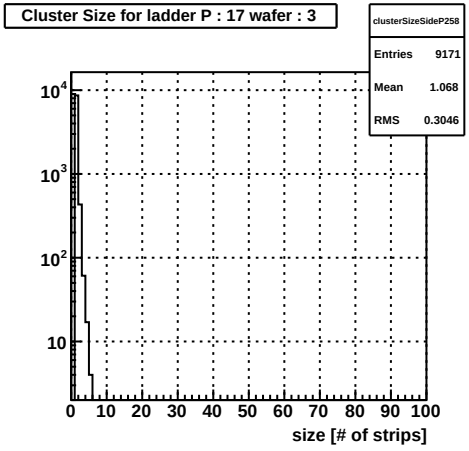

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 34133
Mean 1.12
RMS 0.4655
size [# of strips]

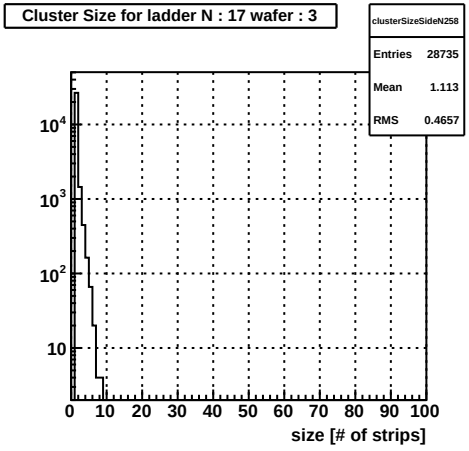

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 8921
Mean 1.096
RMS 0.4066
size [# of strips]

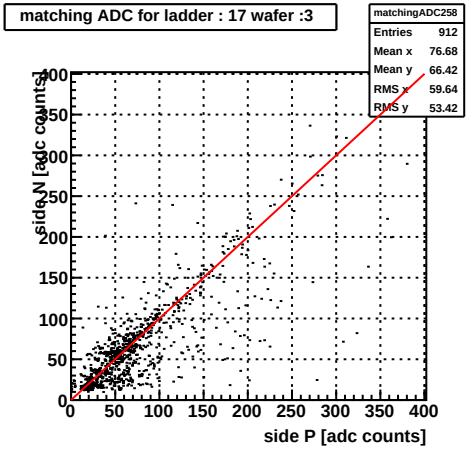

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 666
Mean x 42.21
Mean y 50.55
RMS x 46.74
RMS y 53.86
side N [adc counts]
side P [adc counts]

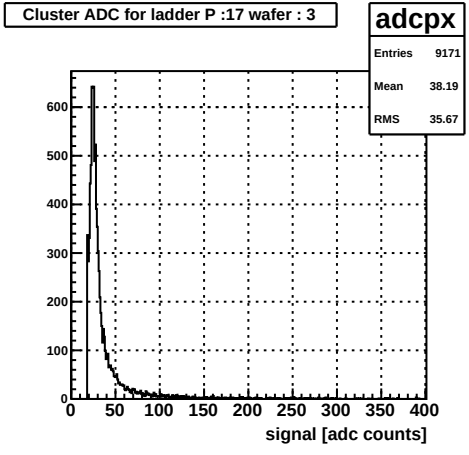

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 34133
Mean 29.15
RMS 20.93
signal [adc counts]

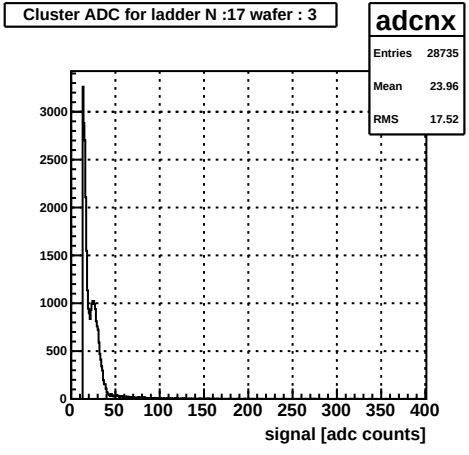

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 8921
Mean 26.48
RMS 27.75
signal [adc counts]

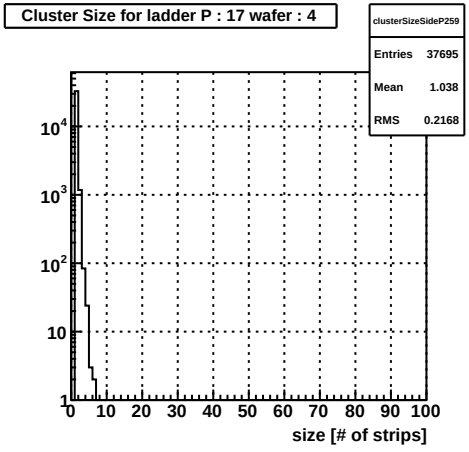

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 9171
Mean 1.068
RMS 0.3046
size [# of strips]

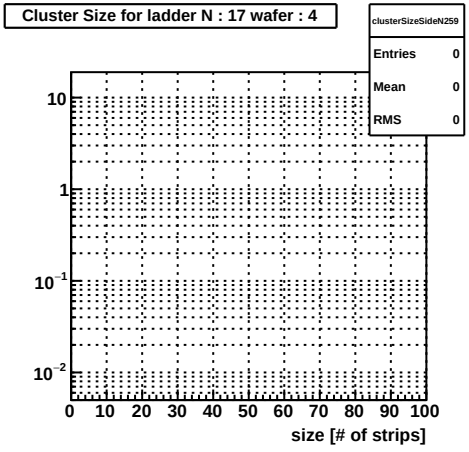

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 28735
Mean 1.113
RMS 0.4657
size [# of strips]

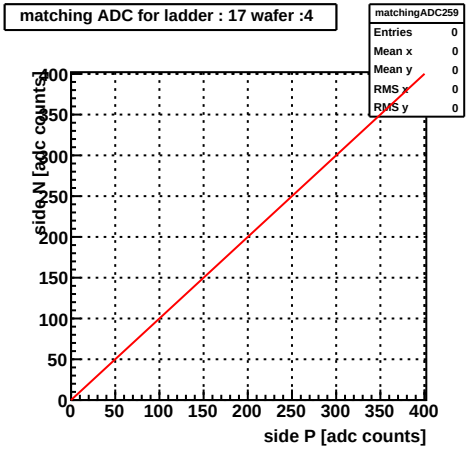

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 912
Mean x 76.68
Mean y 66.42
RMS x 59.64
RMS y 53.42
side N [adc counts]
side P [adc counts]

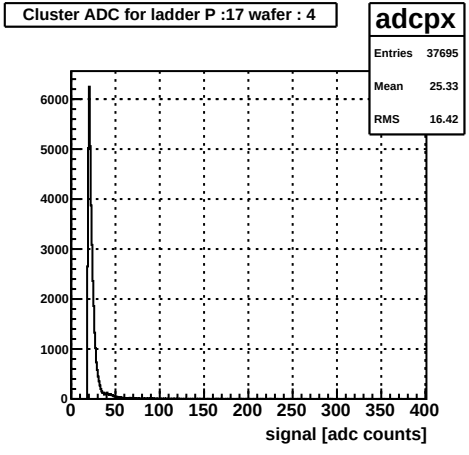

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 9171
Mean 38.19
RMS 35.67
signal [adc counts]

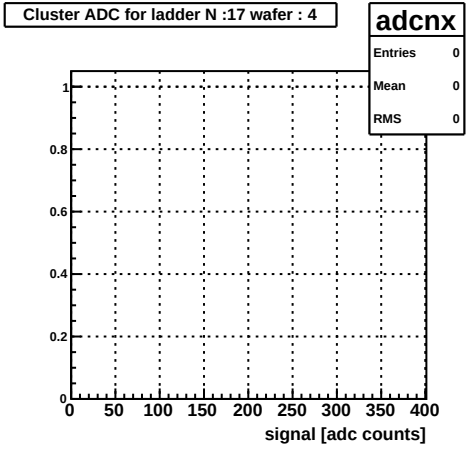

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 28735
Mean 23.96
RMS 17.52
signal [adc counts]

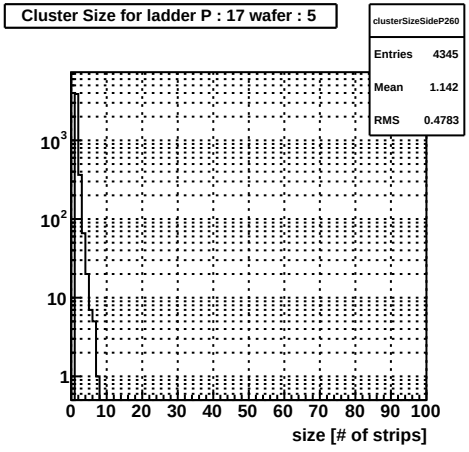

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 37695
Mean 1.038
RMS 0.2168
size [# of strips]

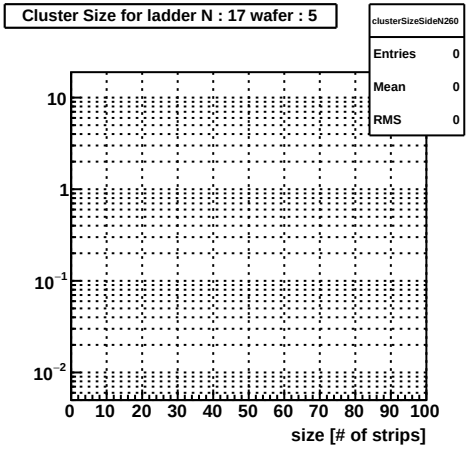

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

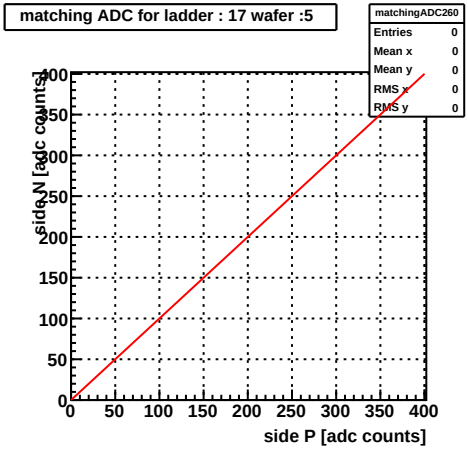

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

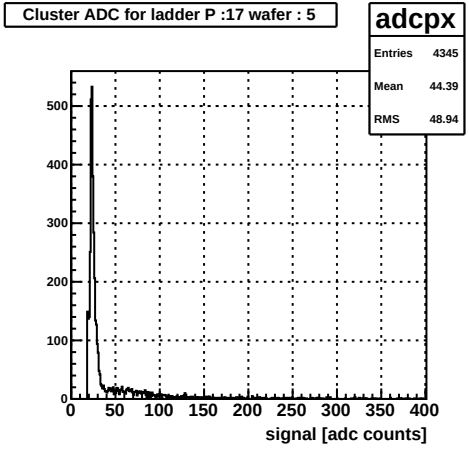

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 37695
Mean 25.33
RMS 16.42
signal [adc counts]

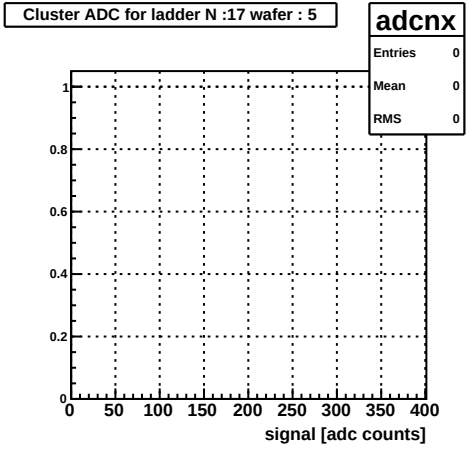

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

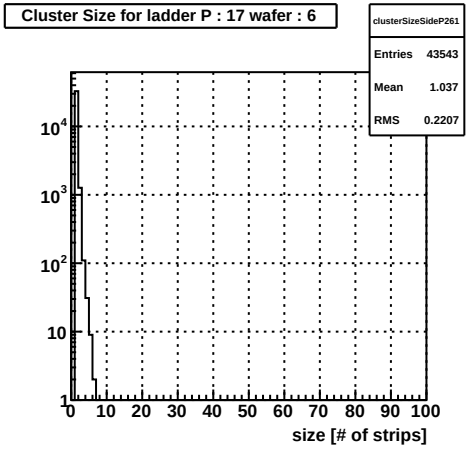

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4345
Mean 1.142
RMS 0.4783
size [# of strips]

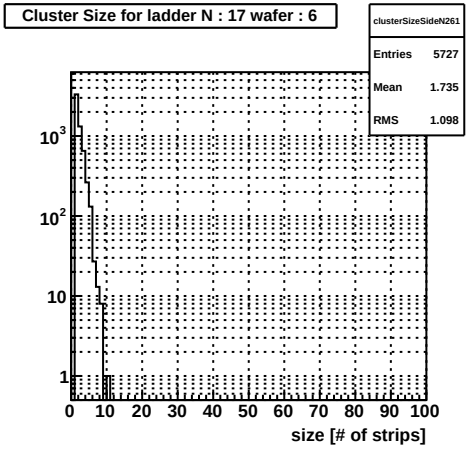

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

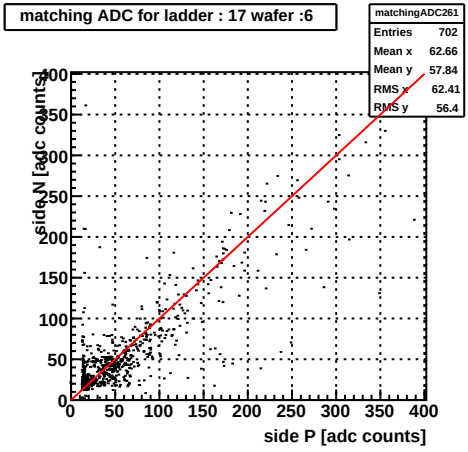

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

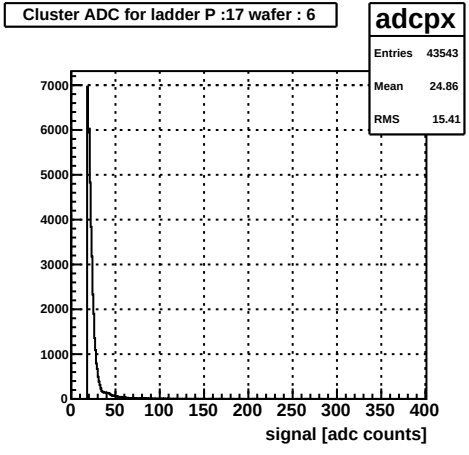

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4345
Mean 44.39
RMS 48.94
signal [adc counts]

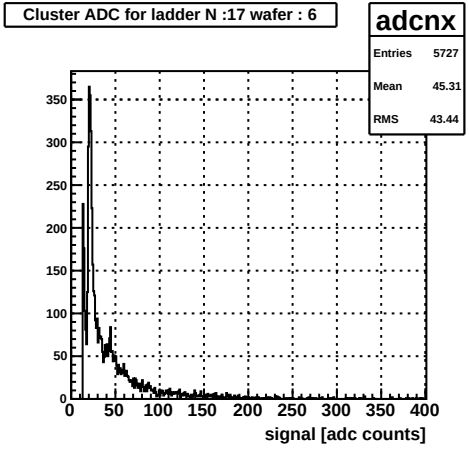

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

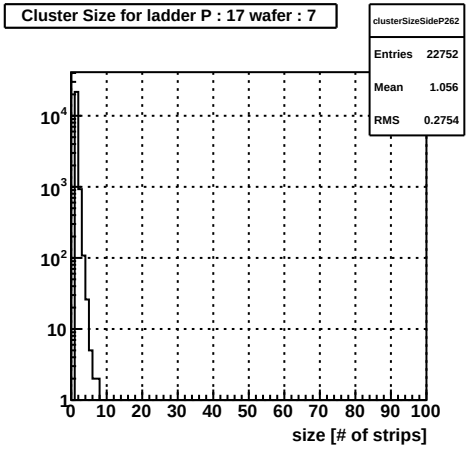

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 43543
Mean 1.037
RMS 0.2207
size [# of strips]

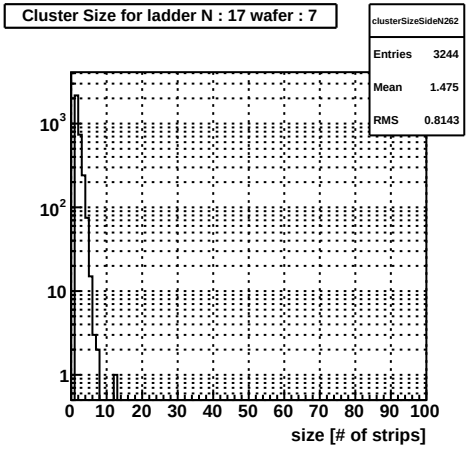

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5727
Mean 1.735
RMS 1.098
size [# of strips]

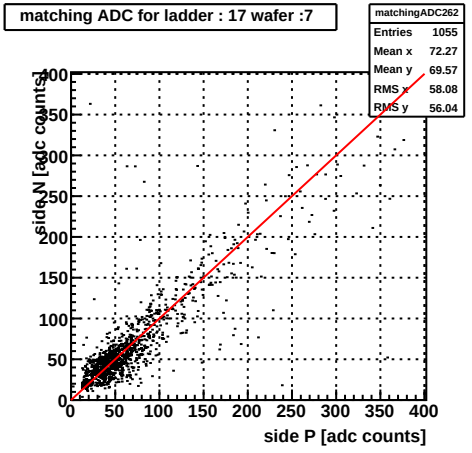

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 702
Mean x 62.66
Mean y 57.84
RMS x 62.41
RMS y 56.4
side N [adc counts]
side P [adc counts]

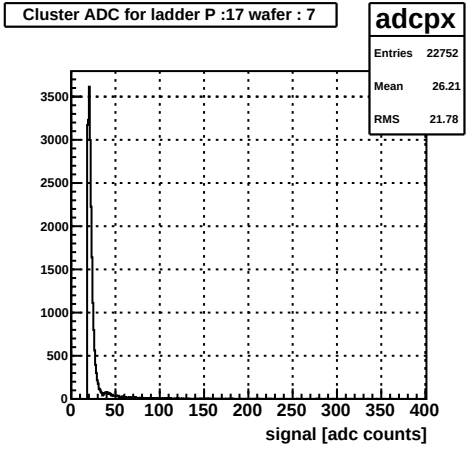

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 43543
Mean 24.86
RMS 15.41
signal [adc counts]

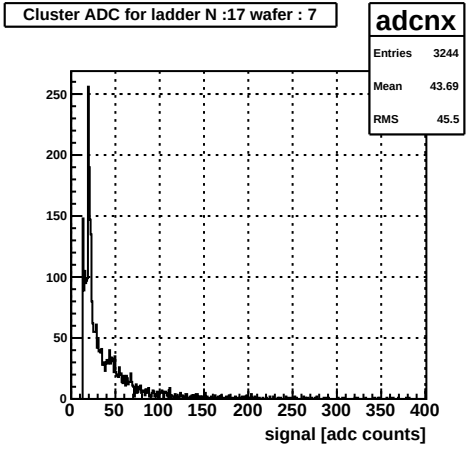

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5727
Mean 45.31
RMS 43.44
signal [adc counts]

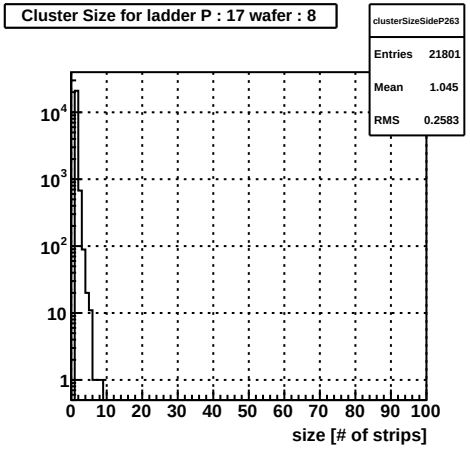

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 22752
Mean 1.056
RMS 0.2754
size [# of strips]

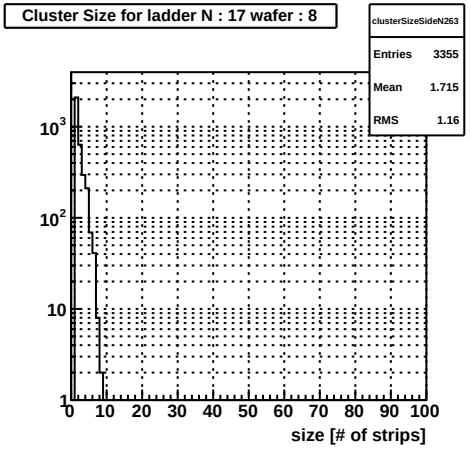

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 3244
Mean 1.475
RMS 0.8143
size [# of strips]

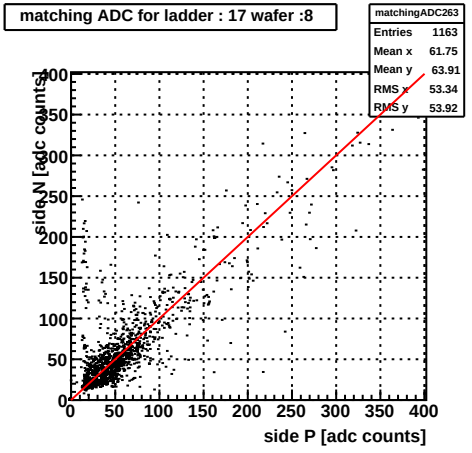

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1055
Mean x 72.27
Mean y 69.57
RMS x 58.08
RMS y 56.04
side N [adc counts]
side P [adc counts]

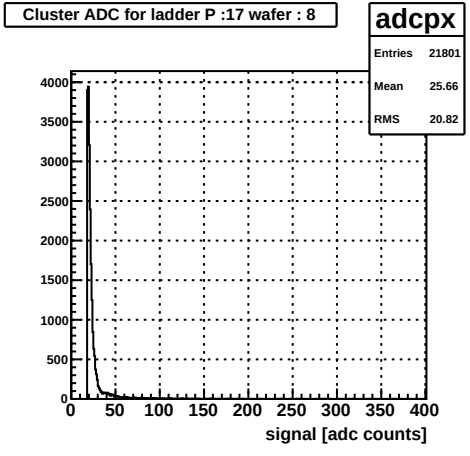

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 22752
Mean 26.21
RMS 21.78
signal [adc counts]

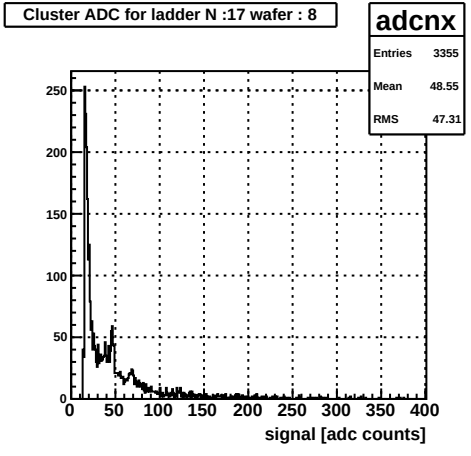

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 3244
Mean 43.69
RMS 45.5
signal [adc counts]

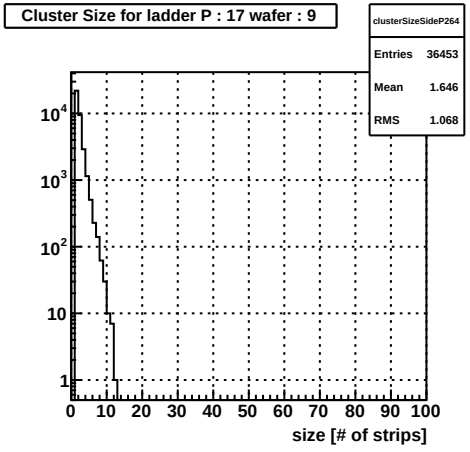

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 21801
Mean 1.045
RMS 0.2583
size [# of strips]

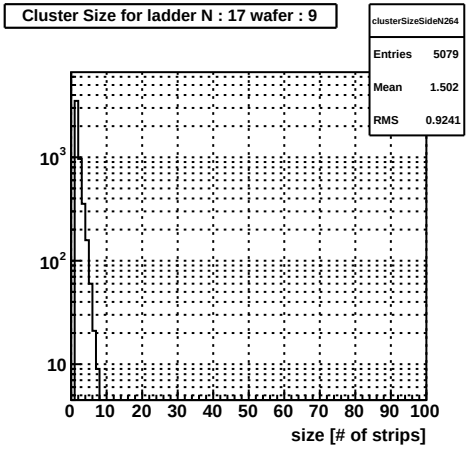

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3355
Mean 1.715
RMS 1.16
size [# of strips]

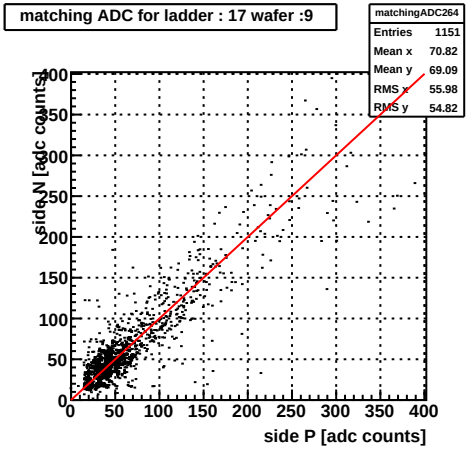

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1163
Mean x 61.75
Mean y 63.91
RMS x 53.34
RMS y 53.92
side N [adc counts]
side P [adc counts]

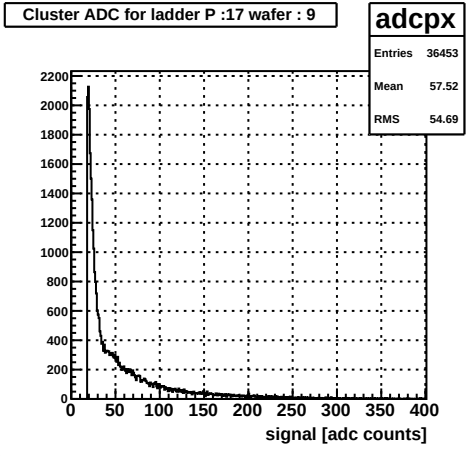

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 21801
Mean 25.66
RMS 20.82
signal [adc counts]

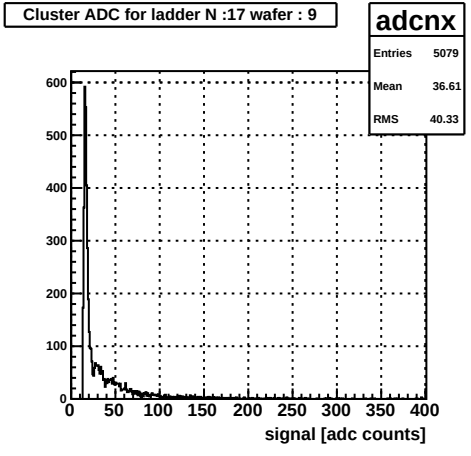

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3355
Mean 48.55
RMS 47.31
signal [adc counts]

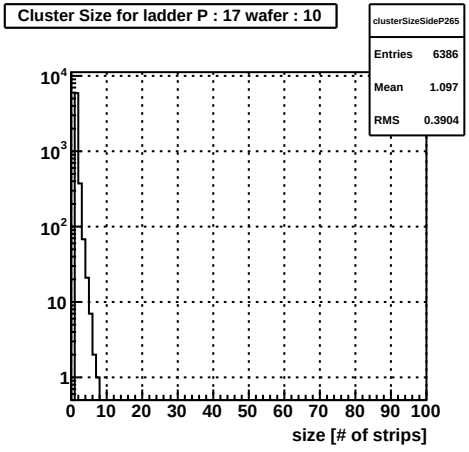

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 36453
Mean 1.646
RMS 1.068
size [# of strips]

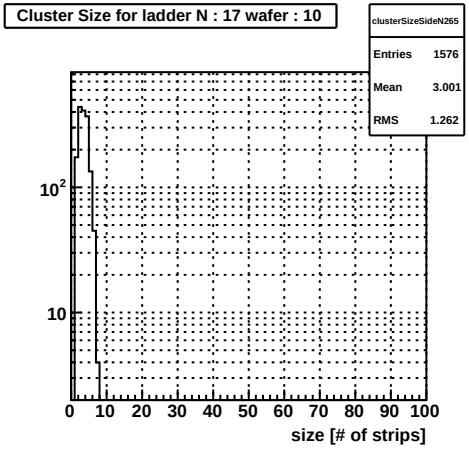

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 5079
Mean 1.502
RMS 0.9241
size [# of strips]

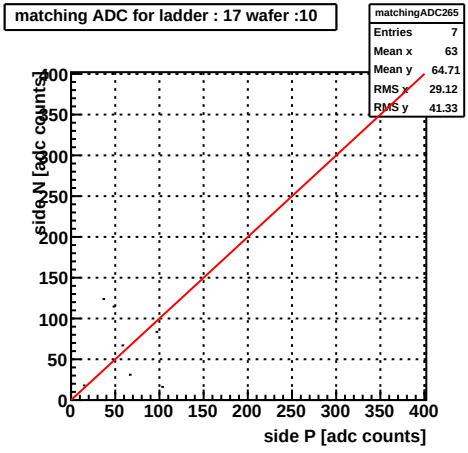

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1151
Mean x 70.82
Mean y 69.09
RMS x 55.98
RMS y 54.82
side N [adc counts]
side P [adc counts]

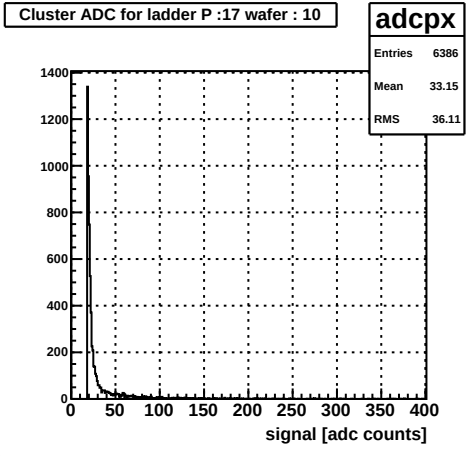

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 36453
Mean 57.52
RMS 54.69
signal [adc counts]

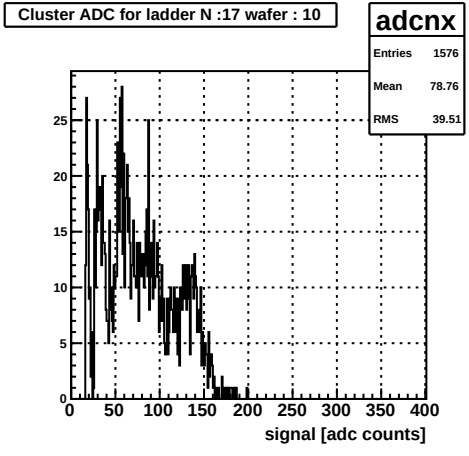

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 5079
Mean 36.61
RMS 40.33
signal [adc counts]

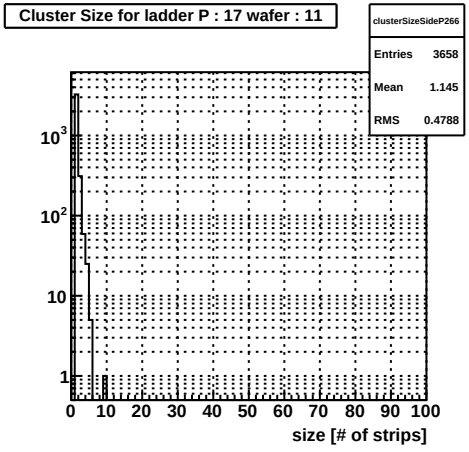

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6386
Mean 1.097
RMS 0.3904
size [# of strips]

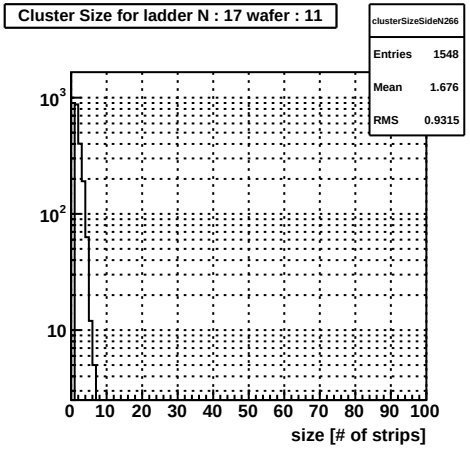

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1576
Mean 3.001
RMS 1.262
size [# of strips]

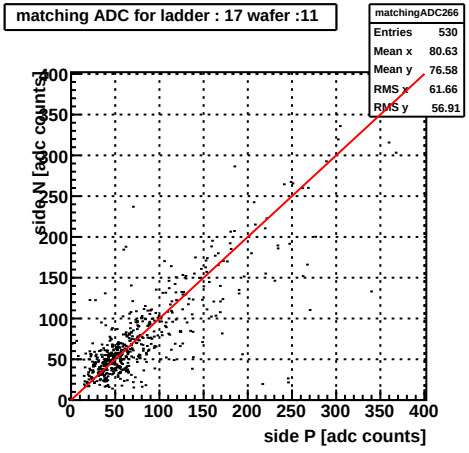

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 7
Mean x 63
Mean y 64.71
RMS x 29.12
RMS y 41.33
side N [adc counts]
side P [adc counts]

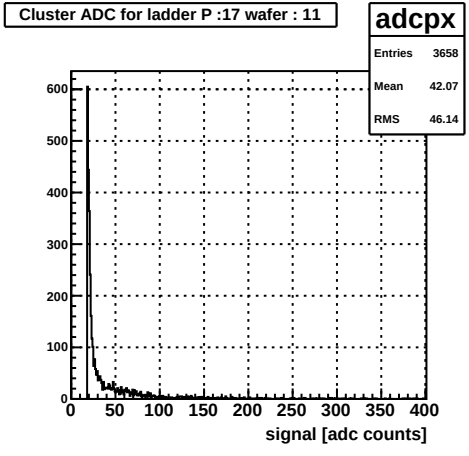

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6386
Mean 33.15
RMS 36.11
signal [adc counts]

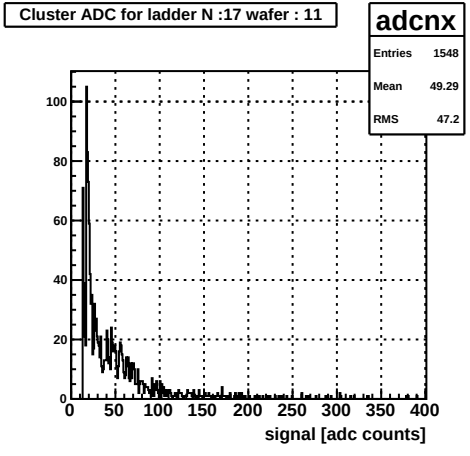

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1576
Mean 78.76
RMS 39.51
signal [adc counts]

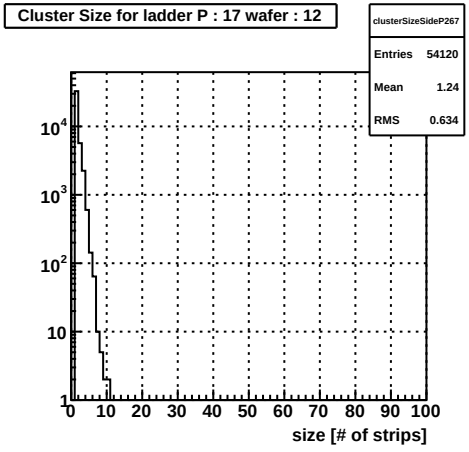

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3658
Mean 1.145
RMS 0.4788
size [# of strips]

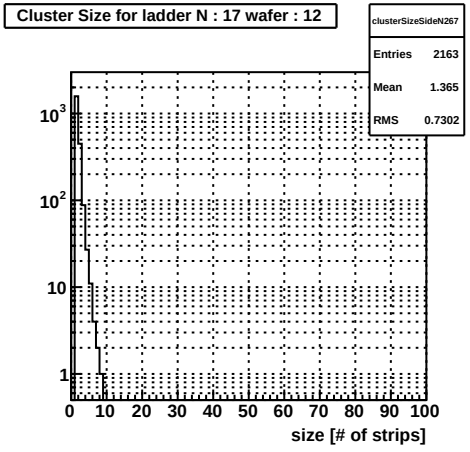

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1548
Mean 1.676
RMS 0.9315
size [# of strips]

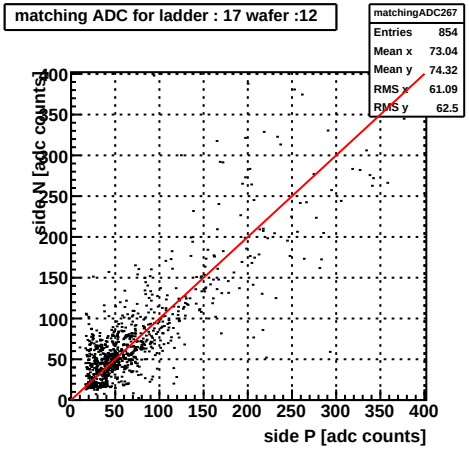

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 530
Mean x 80.63
Mean y 76.58
RMS x 61.66
RMS y 56.91
side N [adc counts]
side P [adc counts]

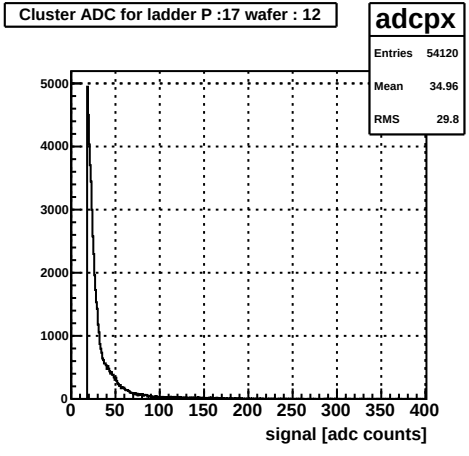

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3658
Mean 42.07
RMS 46.14
signal [adc counts]

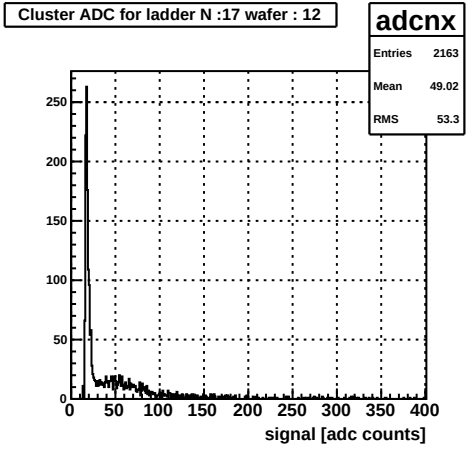

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1548
Mean 49.29
RMS 47.2
signal [adc counts]

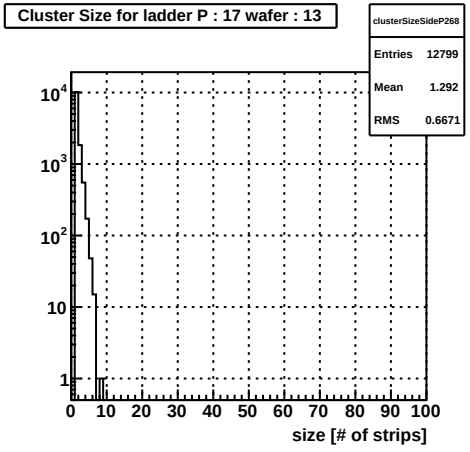

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 54120
Mean 1.24
RMS 0.634
size [# of strips]

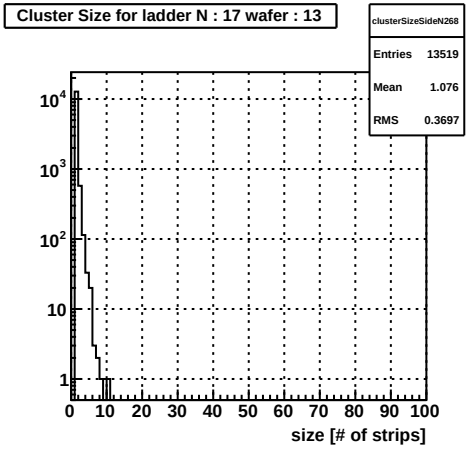

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2163
Mean 1.365
RMS 0.7302
size [# of strips]

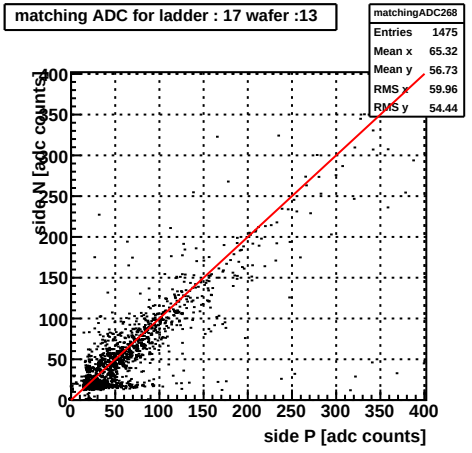

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 854
Mean x 73.04
Mean y 74.32
RMS x 61.09
RMS y 62.5
side N [adc counts]
side P [adc counts]

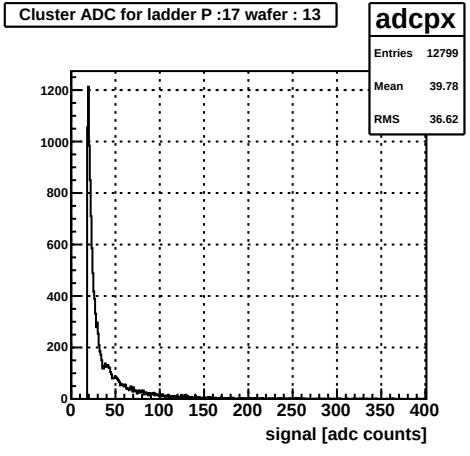

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 54120
Mean 34.96
RMS 29.8
signal [adc counts]

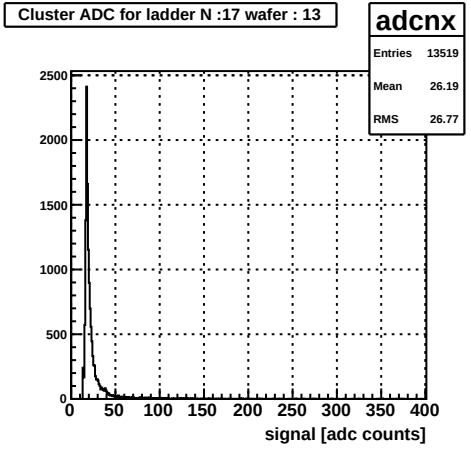

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2163
Mean 49.02
RMS 53.3
signal [adc counts]

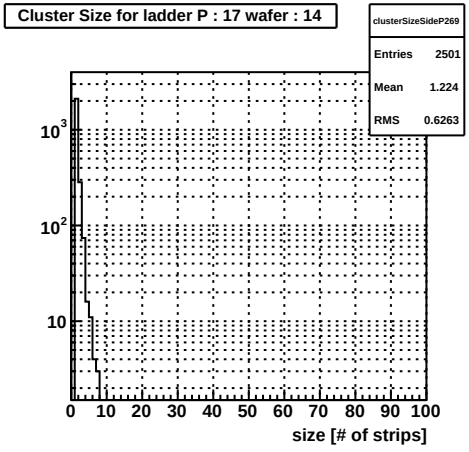

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 12799
Mean 1.292
RMS 0.6671
size [# of strips]

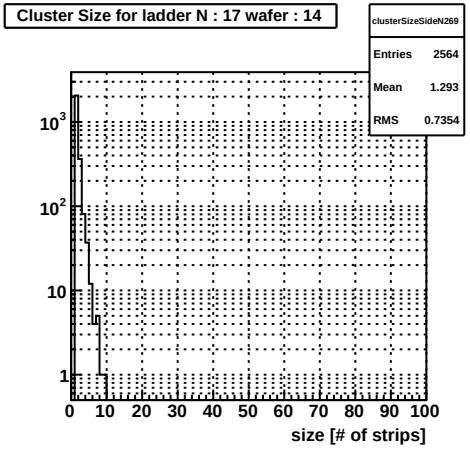

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 13519
Mean 1.076
RMS 0.3697
size [# of strips]

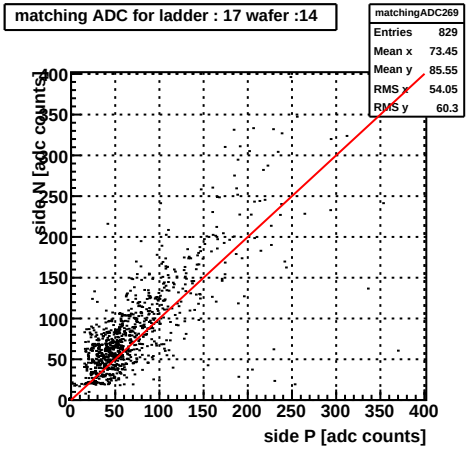

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1475
Mean x 65.32
Mean y 56.73
RMS x 59.96
RMS y 54.44
side N [adc counts]
side P [adc counts]

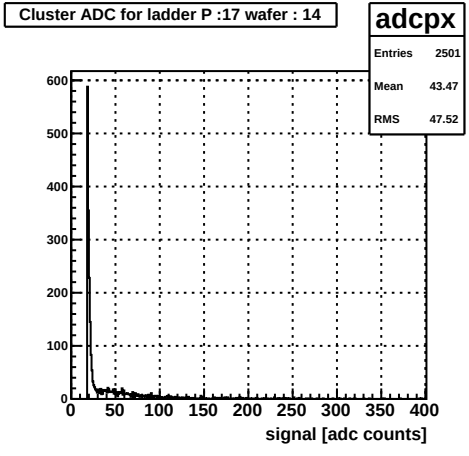

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 12799
Mean 39.78
RMS 36.62
signal [adc counts]

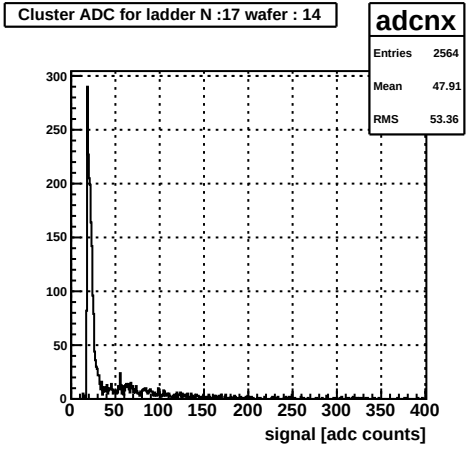

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 13519
Mean 26.19
RMS 26.77
signal [adc counts]

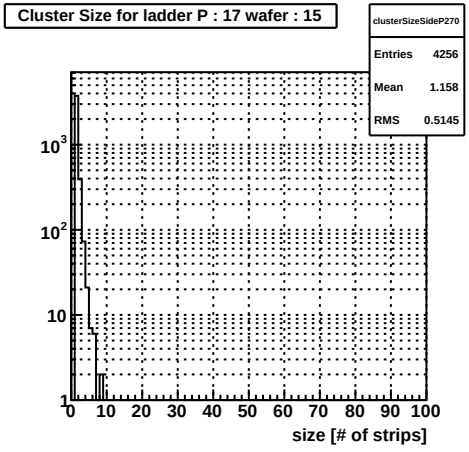

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2501
Mean 1.224
RMS 0.6263
size [# of strips]

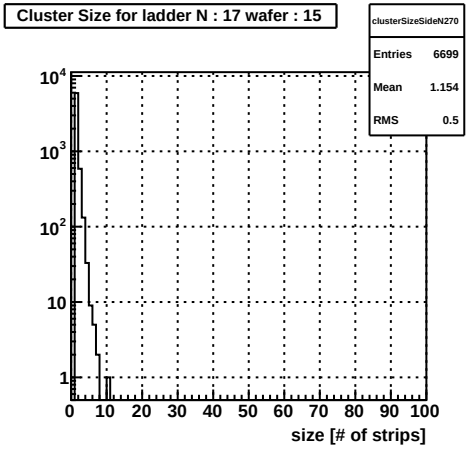

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2564
Mean 1.293
RMS 0.7354
size [# of strips]

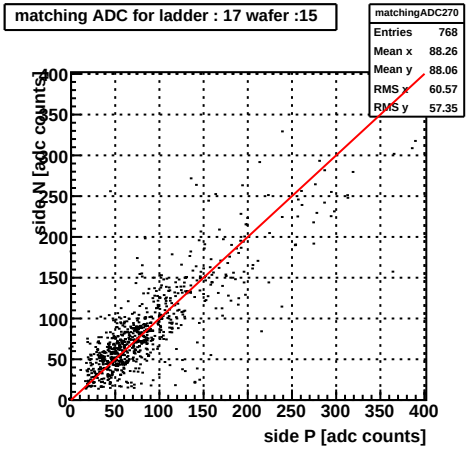

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 829
Mean x 73.45
Mean y 85.55
RMS x 54.05
RMS y 60.3
side N [adc counts]
side P [adc counts]

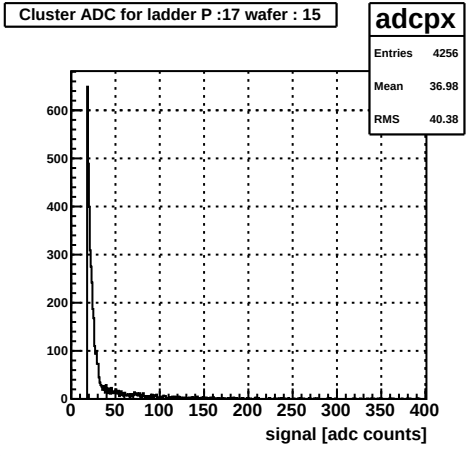

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2501
Mean 43.47
RMS 47.52
signal [adc counts]

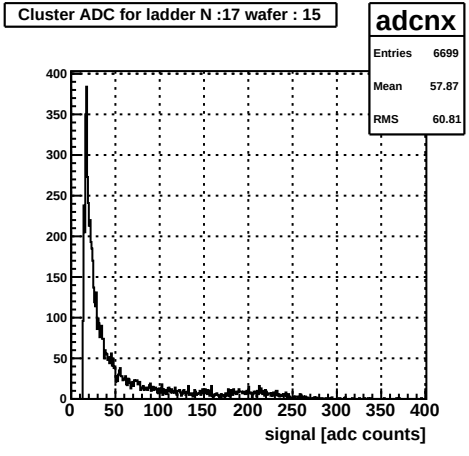

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2564
Mean 47.91
RMS 53.36
signal [adc counts]

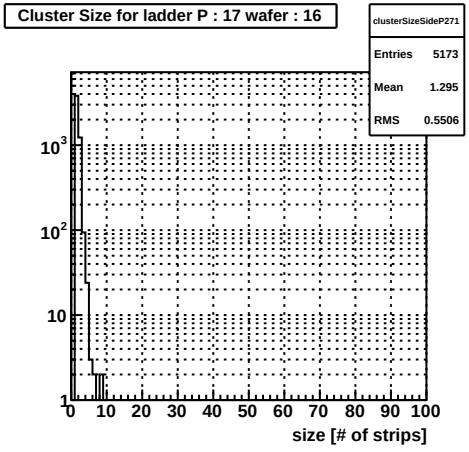

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 4256
Mean 1.158
RMS 0.5145
size [# of strips]

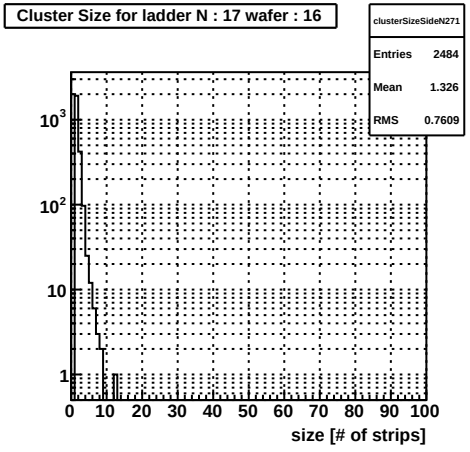

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 6699
Mean 1.154
RMS 0.5
size [# of strips]

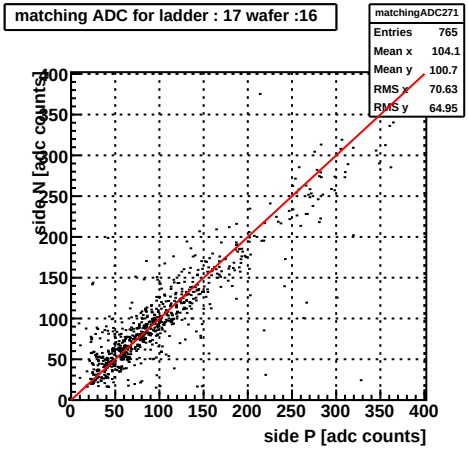

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 768
Mean x 88.26
Mean y 88.06
RMS x 60.57
RMS y 57.35
side N [adc counts]
side P [adc counts]

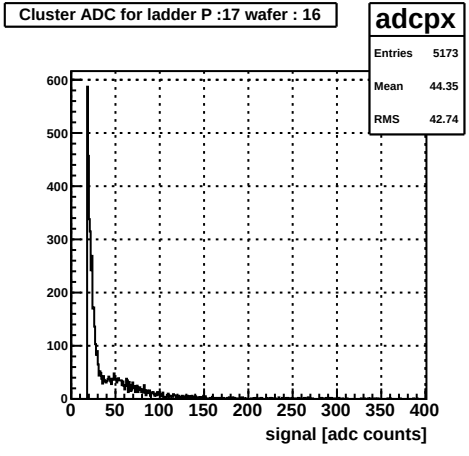

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 4256
Mean 36.98
RMS 40.38
signal [adc counts]

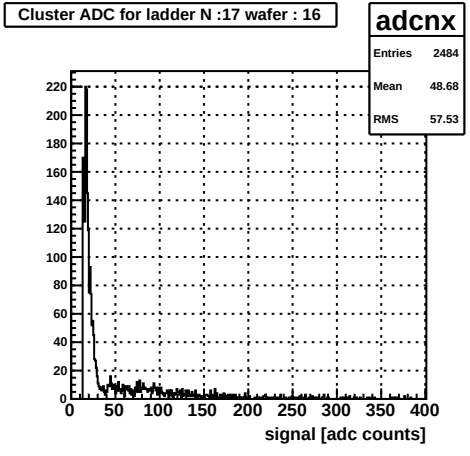

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 6699
Mean 57.87
RMS 60.81
signal [adc counts]

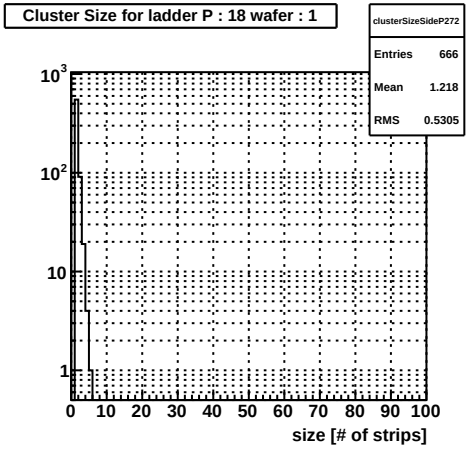

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 5173
Mean 1.295
RMS 0.5506
size [# of strips]

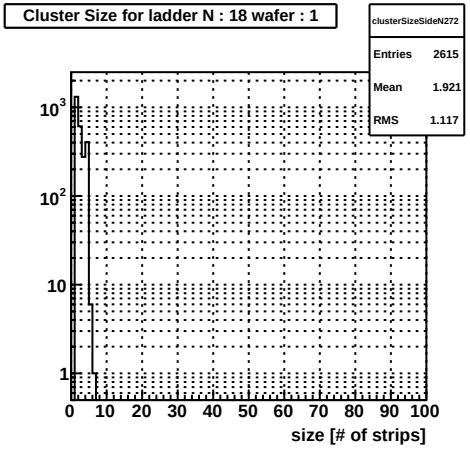

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2484
Mean 1.326
RMS 0.7609
size [# of strips]

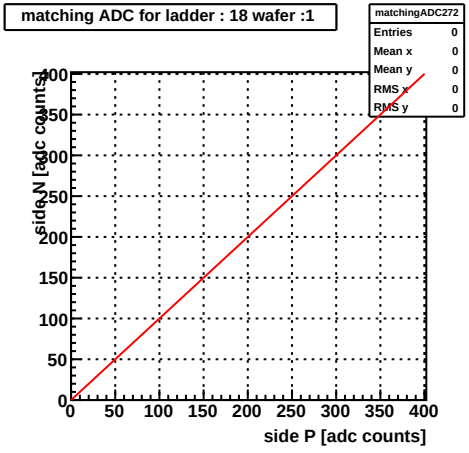

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 765
Mean x 104.1
Mean y 100.7
RMS x 70.63
RMS y 64.95
side N [adc counts]
side P [adc counts]

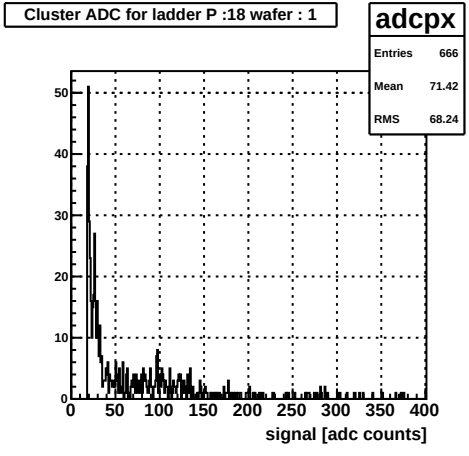

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 5173
Mean 44.35
RMS 42.74
signal [adc counts]

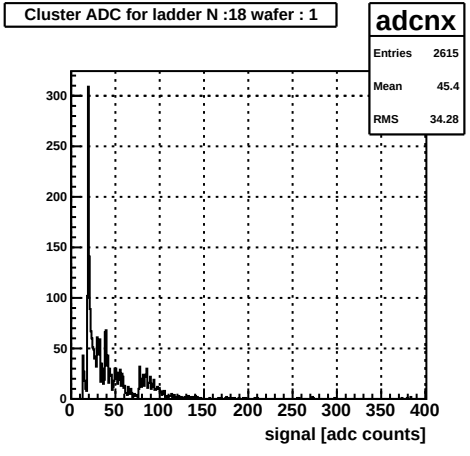

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2484
Mean 48.68
RMS 57.53
signal [adc counts]

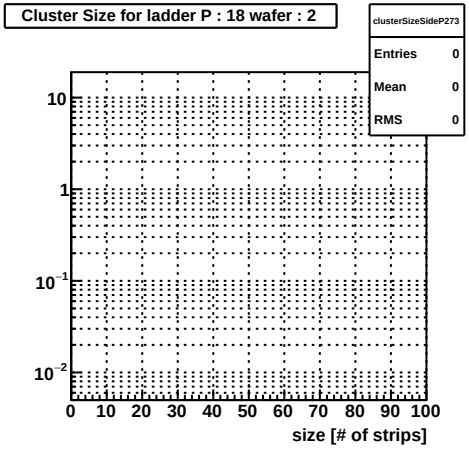

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 666
Mean 1.218
RMS 0.5305
size [# of strips]

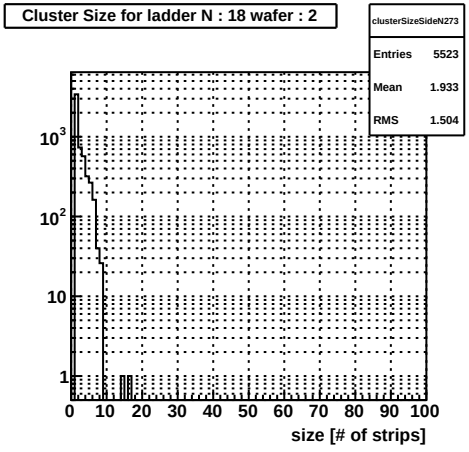

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2615
Mean 1.921
RMS 1.117
size [# of strips]

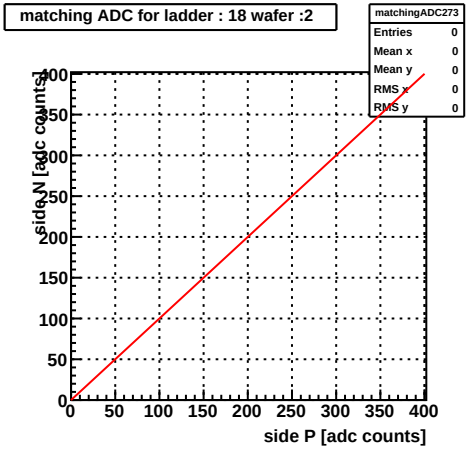

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

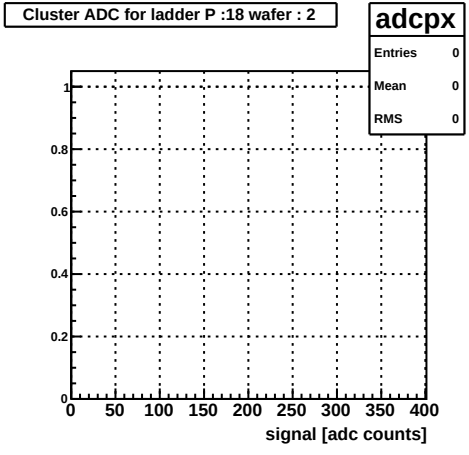

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 666
Mean 71.42
RMS 68.24
signal [adc counts]

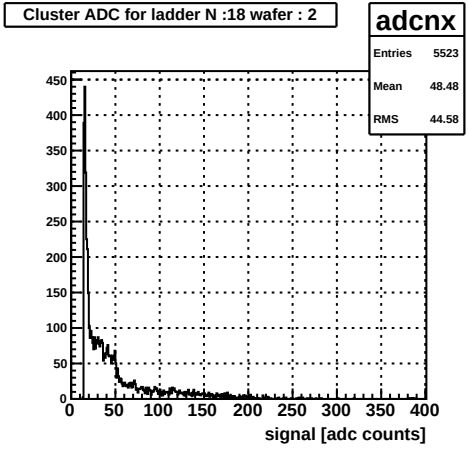

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2615
Mean 45.4
RMS 34.28
signal [adc counts]

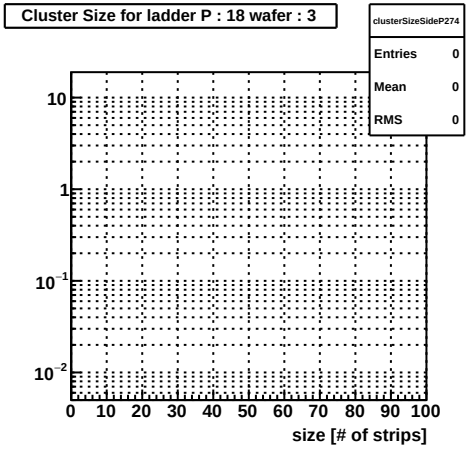

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

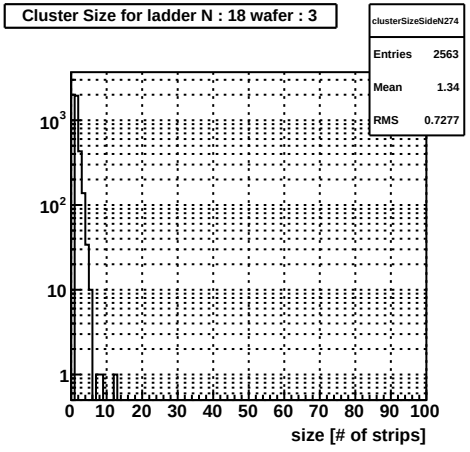

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 5523
Mean 1.933
RMS 1.504
size [# of strips]

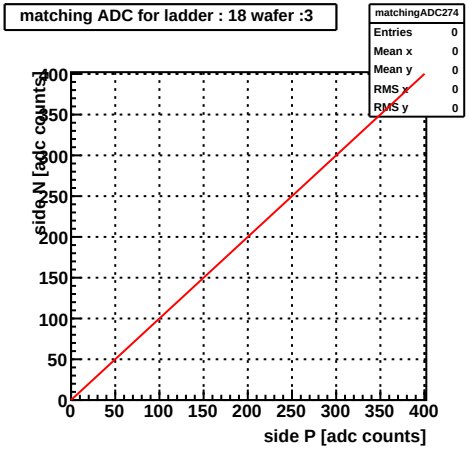

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

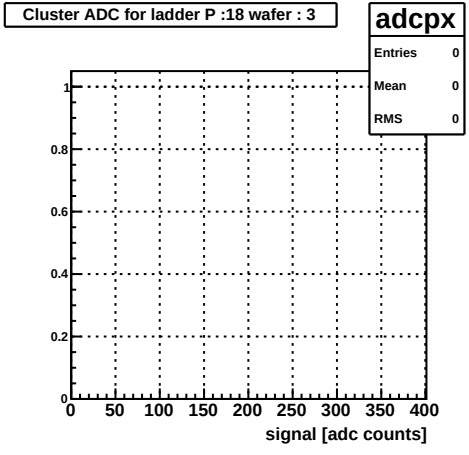

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

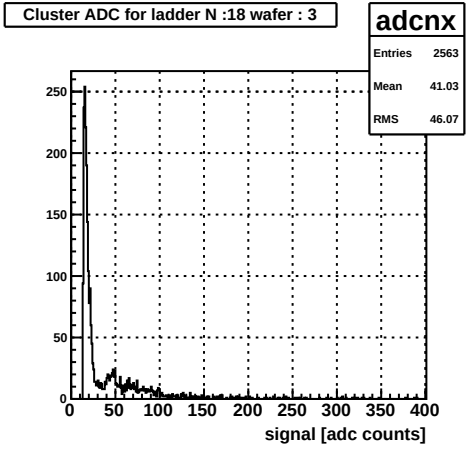

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 5523
Mean 48.48
RMS 44.58
signal [adc counts]

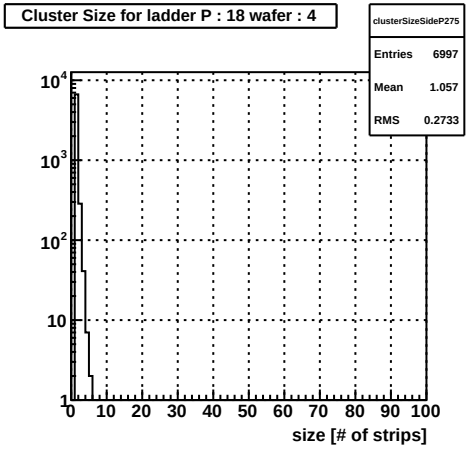

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

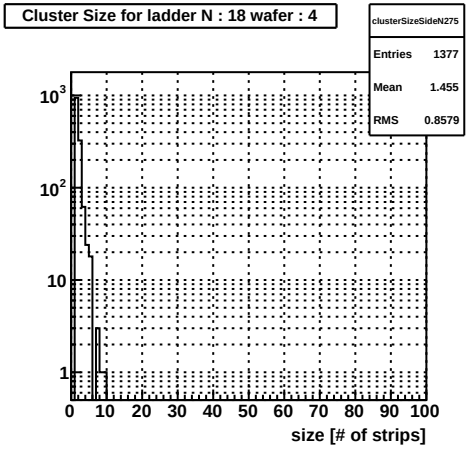

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2563
Mean 1.34
RMS 0.7277
size [# of strips]

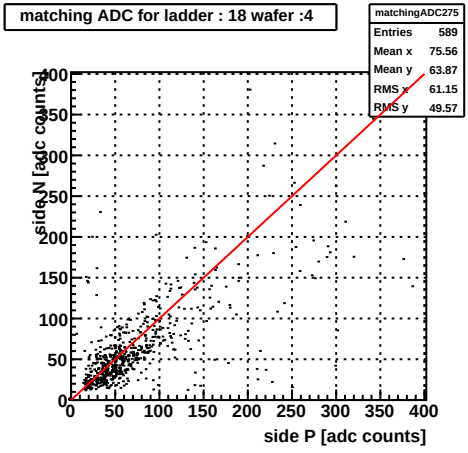

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

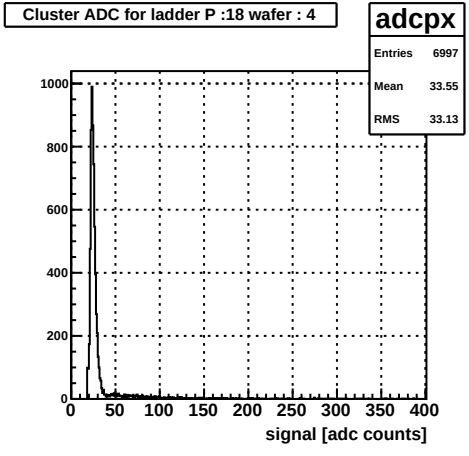

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

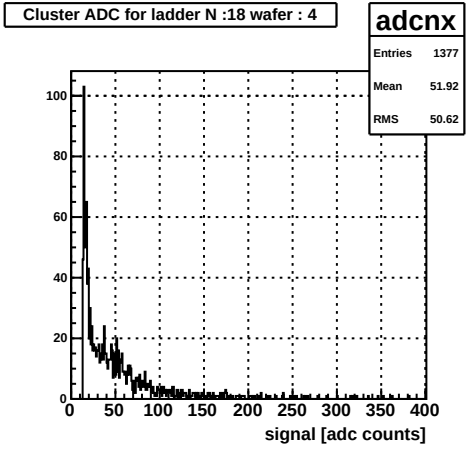

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2563
Mean 41.03
RMS 46.07
signal [adc counts]

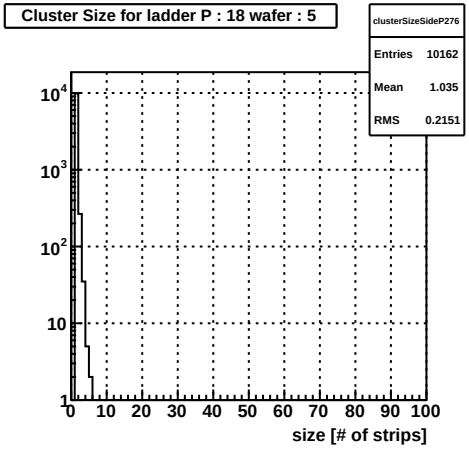

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6997
Mean 1.057
RMS 0.2733
size [# of strips]

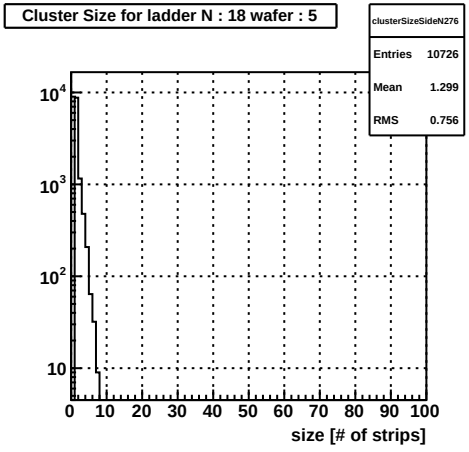

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1377
Mean 1.455
RMS 0.8579
size [# of strips]

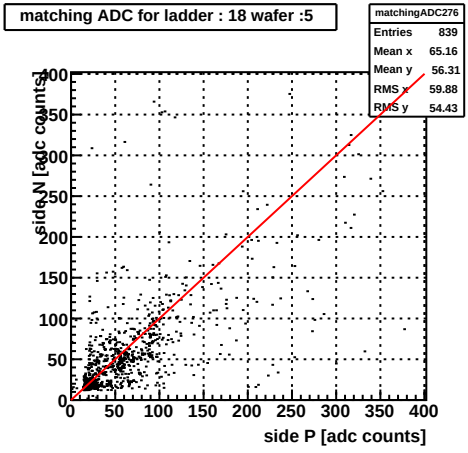

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 589
Mean x 75.56
Mean y 63.87
RMS x 61.15
RMS y 49.57
side N [adc counts]
side P [adc counts]

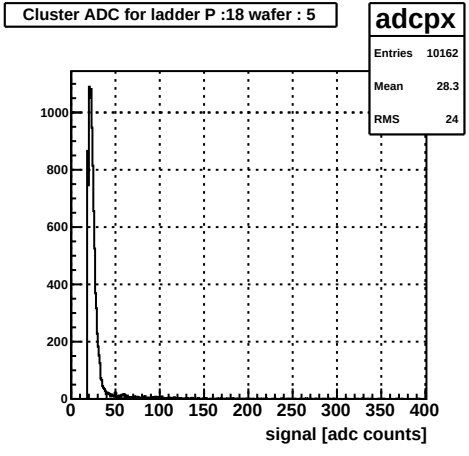

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6997
Mean 33.55
RMS 33.13
signal [adc counts]

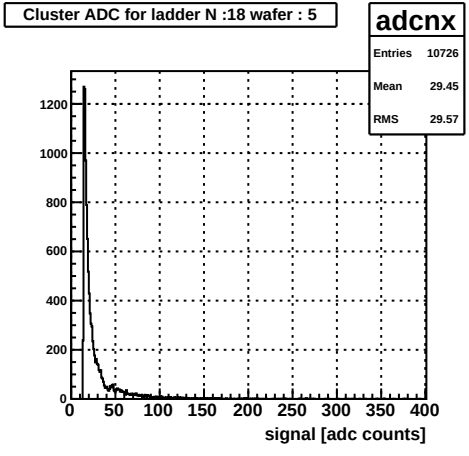

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1377
Mean 51.92
RMS 50.62
signal [adc counts]

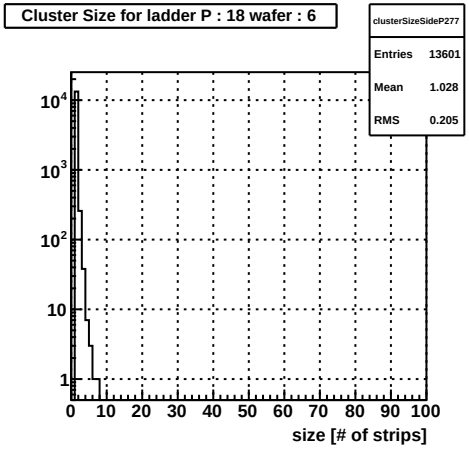

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10162
Mean 1.035
RMS 0.2151
size [# of strips]

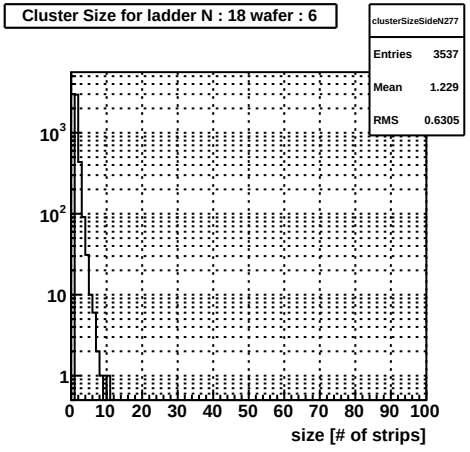

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 10726
Mean 1.299
RMS 0.756
size [# of strips]

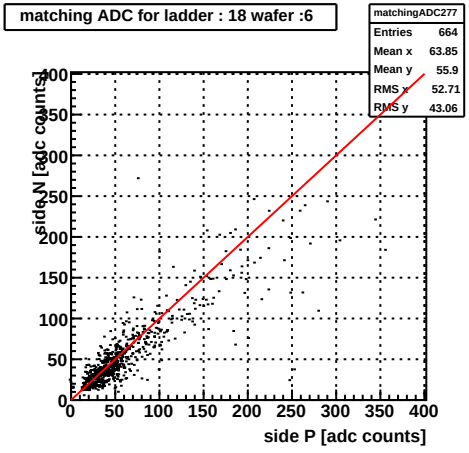

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 839
Mean x 65.16
Mean y 56.31
RMS x 59.88
RMS y 54.43
side N [adc counts]
side P [adc counts]

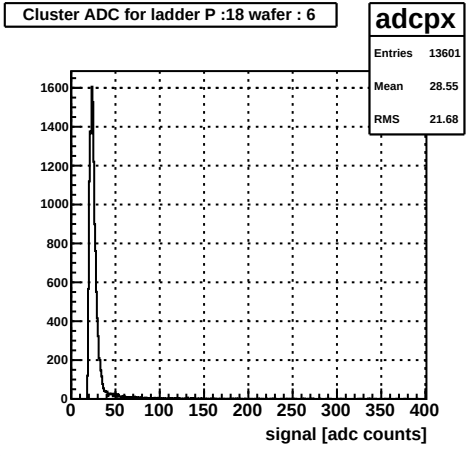

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10162
Mean 28.3
RMS 24
signal [adc counts]

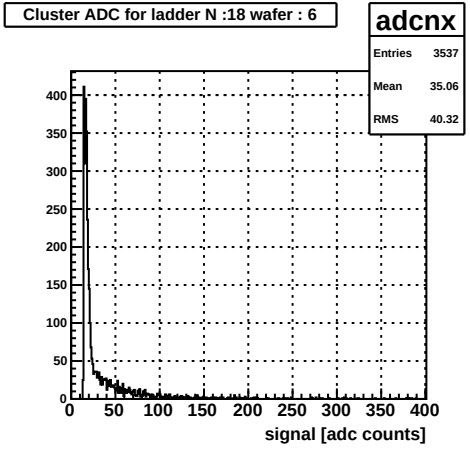

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 10726
Mean 29.45
RMS 29.57
signal [adc counts]

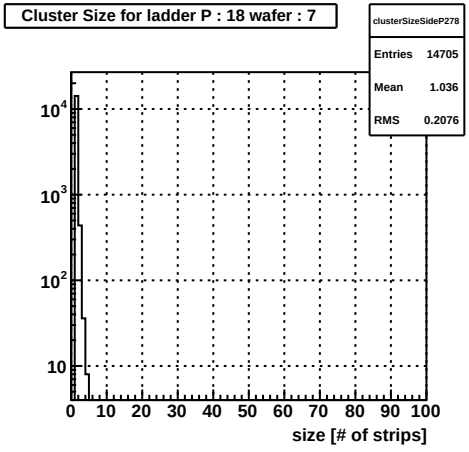

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 13601
Mean 1.028
RMS 0.205
size [# of strips]

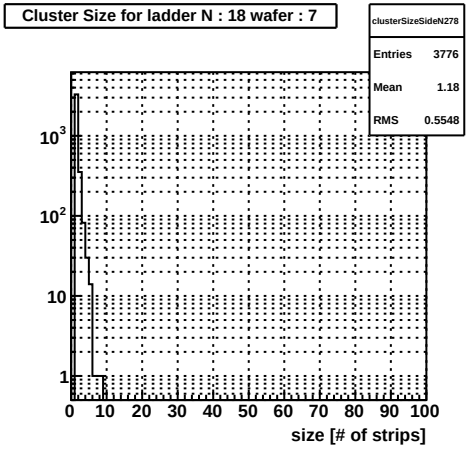

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3537
Mean 1.229
RMS 0.6305
size [# of strips]

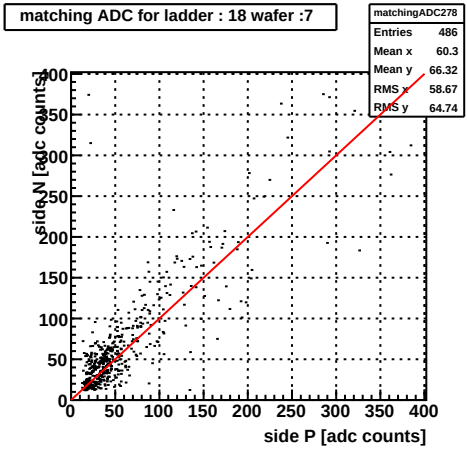

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 664
Mean x 63.85
Mean y 55.9
RMS x 52.71
RMS y 43.06
side N [adc counts]
side P [adc counts]

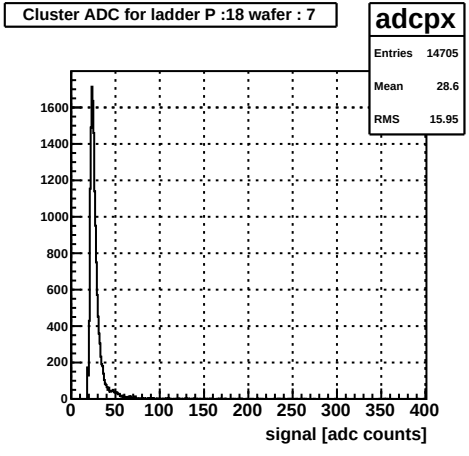

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 13601
Mean 28.55
RMS 21.68
signal [adc counts]

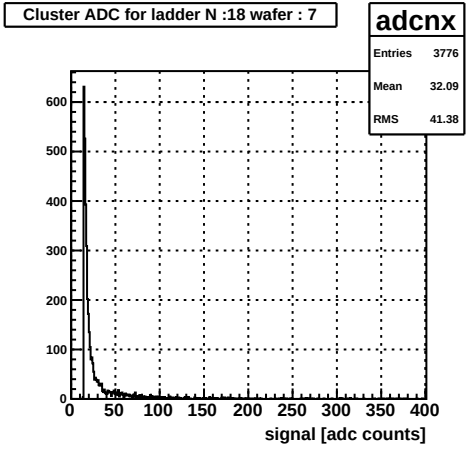

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3537
Mean 35.06
RMS 40.32
signal [adc counts]

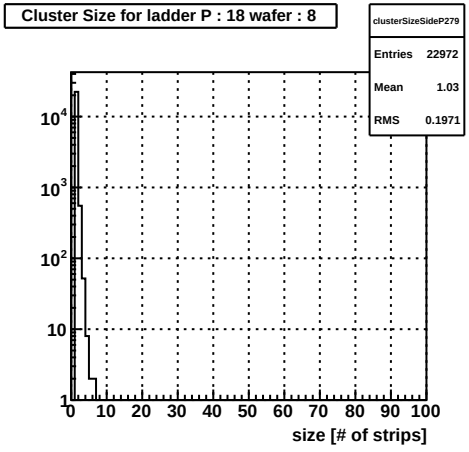

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 14705
Mean 1.036
RMS 0.2076
size [# of strips]

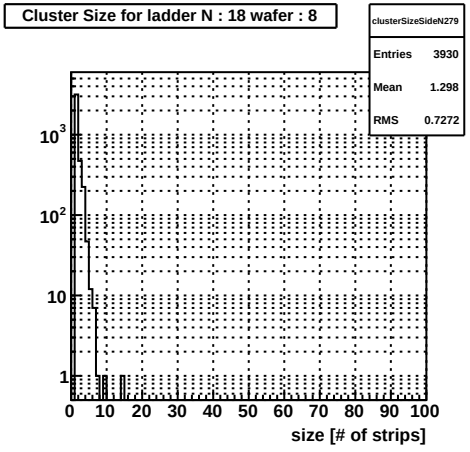

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3776
Mean 1.18
RMS 0.5548
size [# of strips]

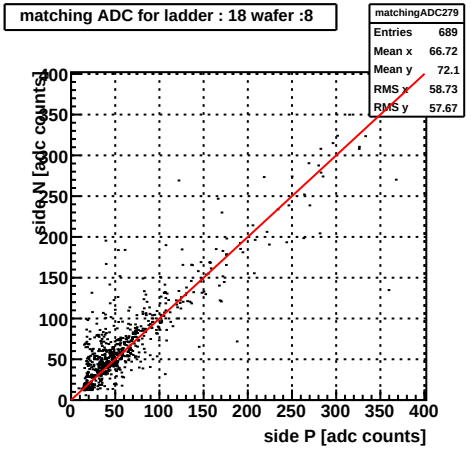

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 486
Mean x 60.3
Mean y 66.32
RMS x 58.67
RMS y 64.74
side N [adc counts]
side P [adc counts]

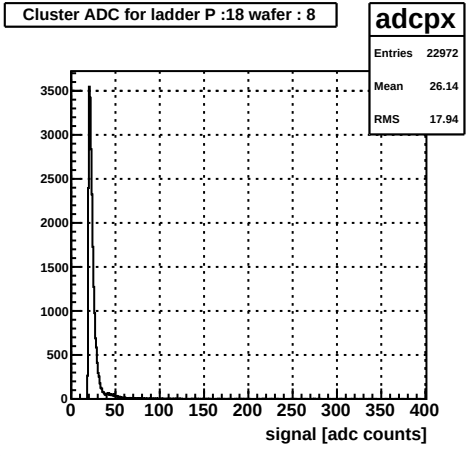

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 14705
Mean 28.6
RMS 15.95
signal [adc counts]

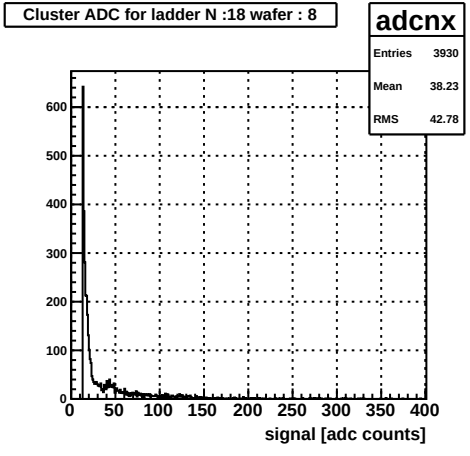

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3776
Mean 32.09
RMS 41.38
signal [adc counts]

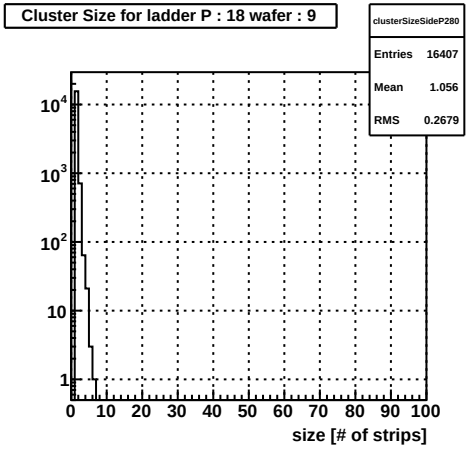

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 22972
Mean 1.03
RMS 0.1971
size [# of strips]

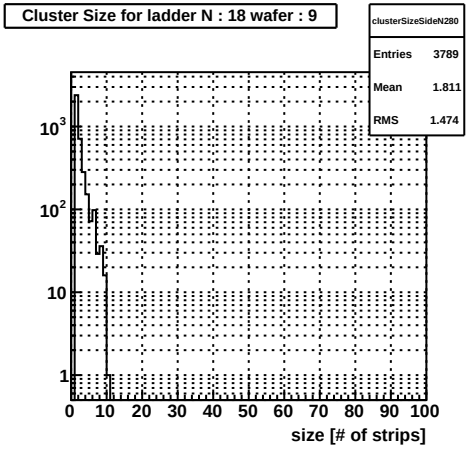

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3930
Mean 1.298
RMS 0.7272
size [# of strips]

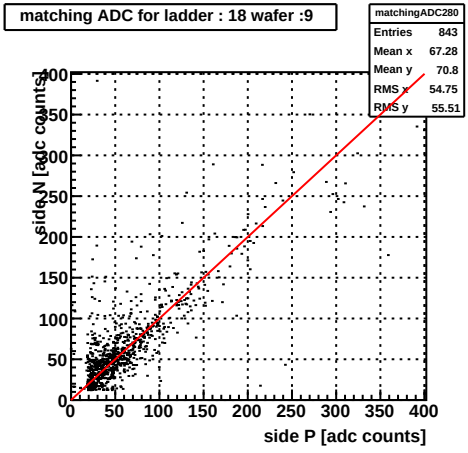

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 689
Mean x 66.72
Mean y 72.1
RMS x 58.73
RMS y 57.67
side N [adc counts]
side P [adc counts]

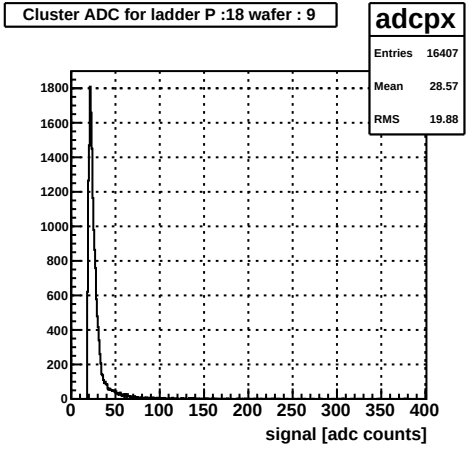

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 22972
Mean 26.14
RMS 17.94
signal [adc counts]

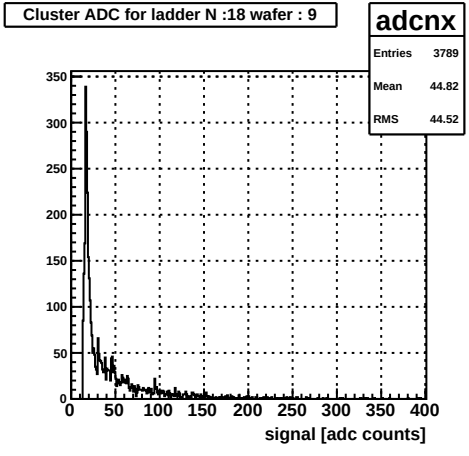

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3930
Mean 38.23
RMS 42.78
signal [adc counts]

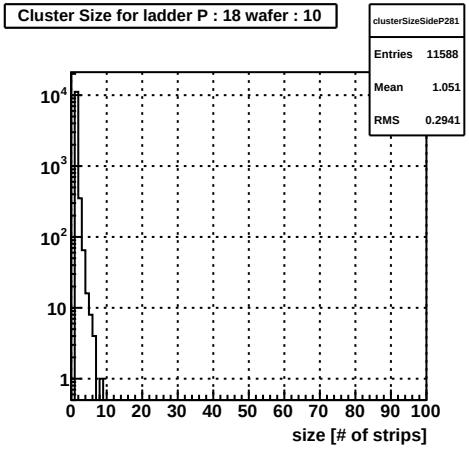

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 16407
Mean 1.056
RMS 0.2679
size [# of strips]

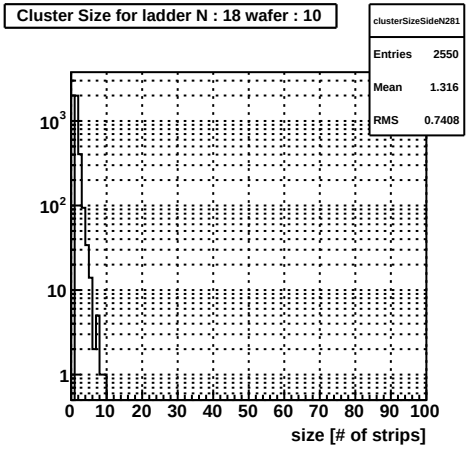

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3789
Mean 1.811
RMS 1.474
size [# of strips]

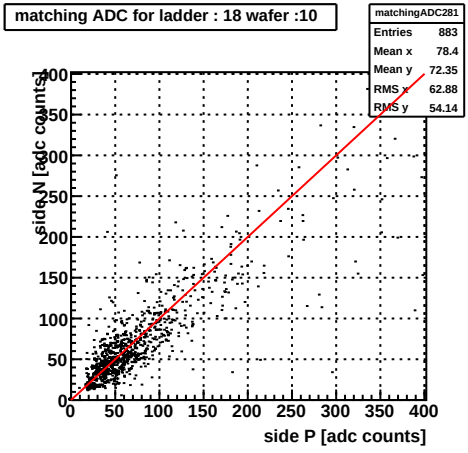

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 843
Mean x 67.28
Mean y 70.8
RMS x 54.75
RMS y 55.51
side N [adc counts]
side P [adc counts]

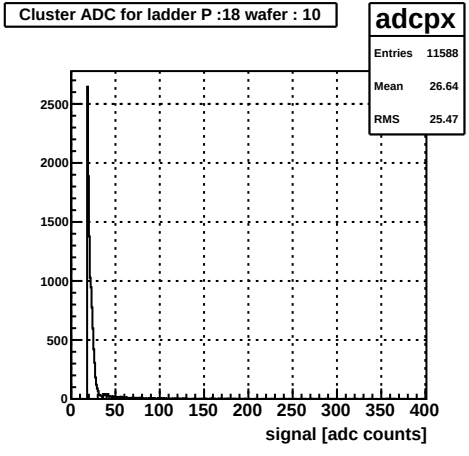

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 16407
Mean 28.57
RMS 19.88
signal [adc counts]

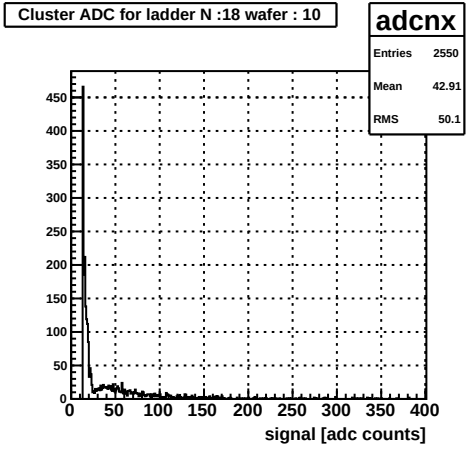

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3789
Mean 44.82
RMS 44.52
signal [adc counts]

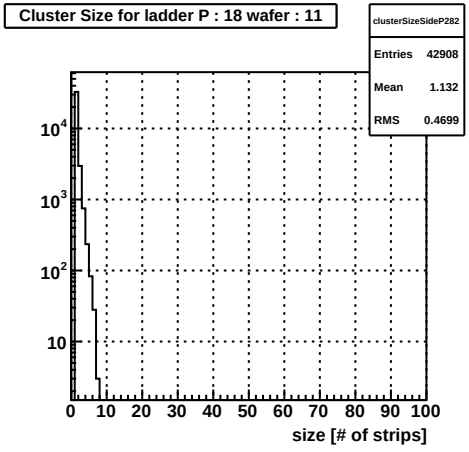

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 11588
Mean 1.051
RMS 0.2941
size [# of strips]

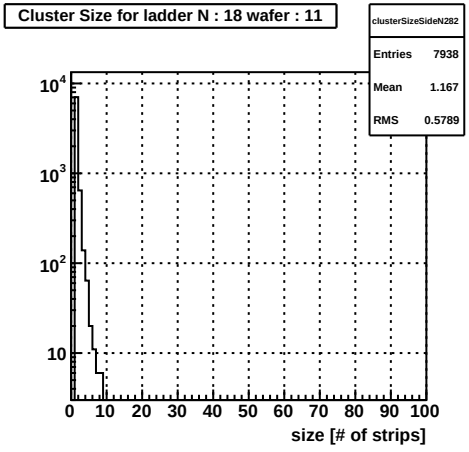

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2550
Mean 1.316
RMS 0.7408
size [# of strips]

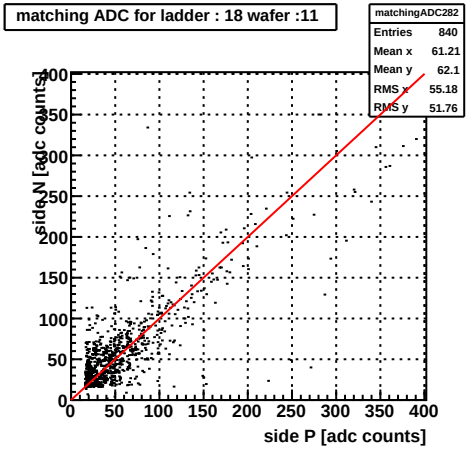

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 883
Mean x 78.4
Mean y 72.35
RMS x 62.88
RMS y 54.14
side N [adc counts]
side P [adc counts]

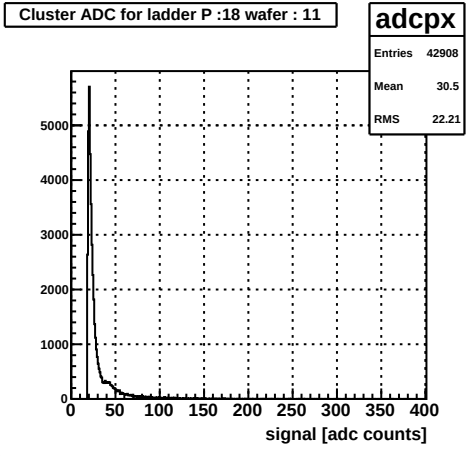

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 11588
Mean 26.64
RMS 25.47
signal [adc counts]

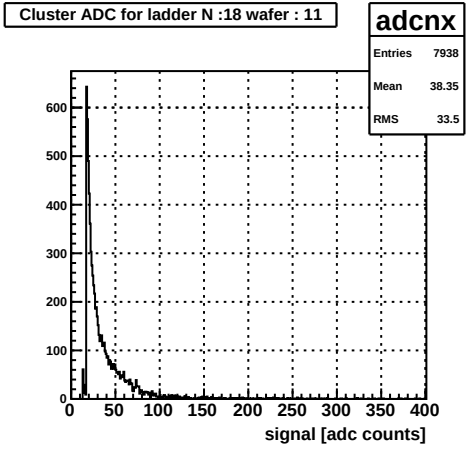

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2550
Mean 42.91
RMS 50.1
signal [adc counts]

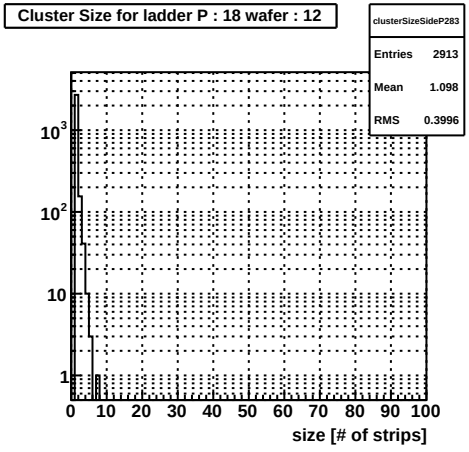

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 42908
Mean 1.132
RMS 0.4699
size [# of strips]

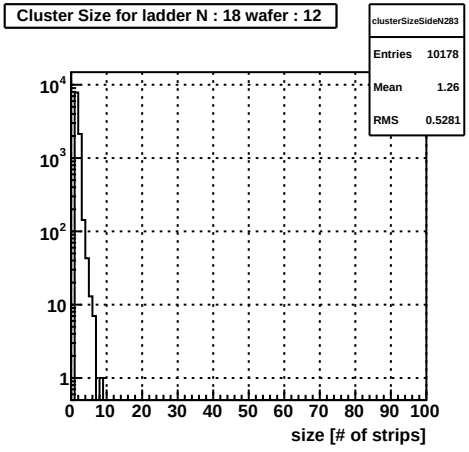

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 7938
Mean 1.167
RMS 0.5789
size [# of strips]

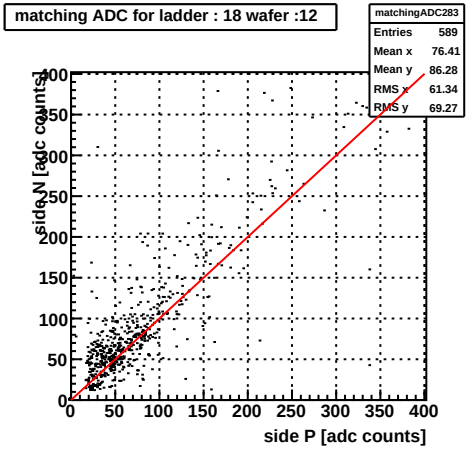

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 840
Mean x 61.21
Mean y 62.1
RMS x 55.18
RMS y 51.76
side N [adc counts]
side P [adc counts]

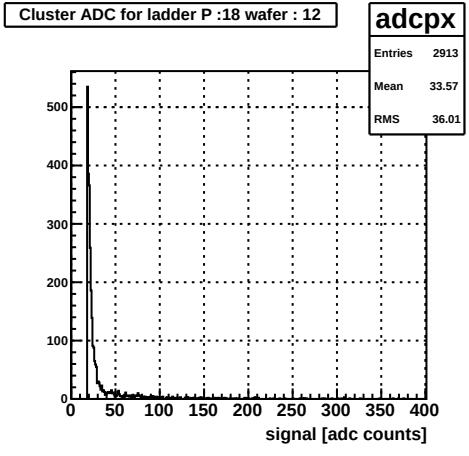

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 42908
Mean 30.5
RMS 22.21
signal [adc counts]

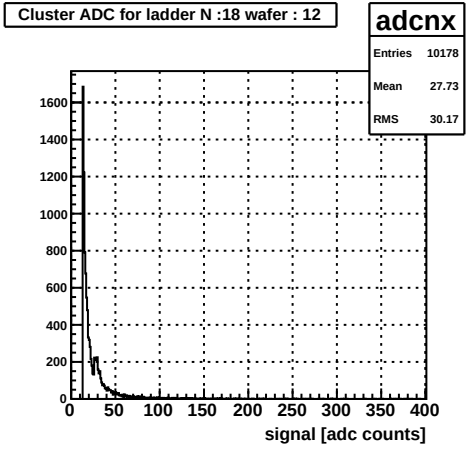

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 7938
Mean 38.35
RMS 33.5
signal [adc counts]

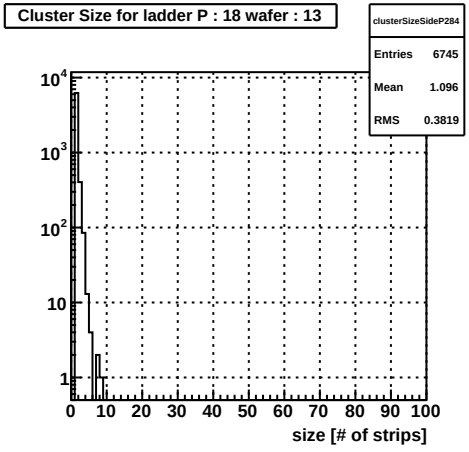

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2913
Mean 1.098
RMS 0.3996
size [# of strips]

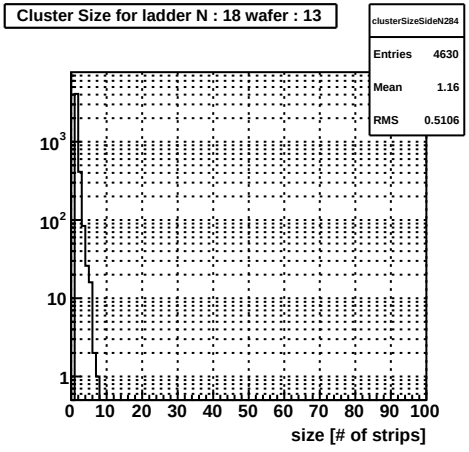

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 10178
Mean 1.26
RMS 0.5281
size [# of strips]

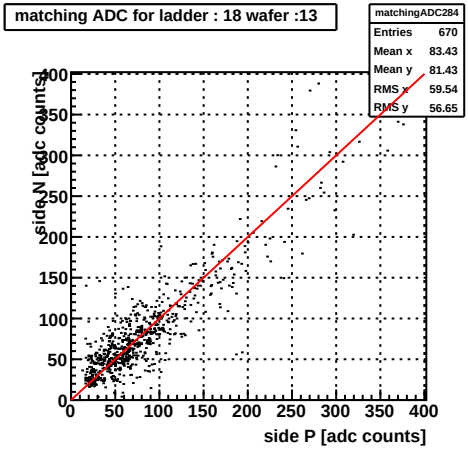

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 589
Mean x 76.41
Mean y 86.28
RMS x 61.34
RMS y 69.27
side N [adc counts]
side P [adc counts]

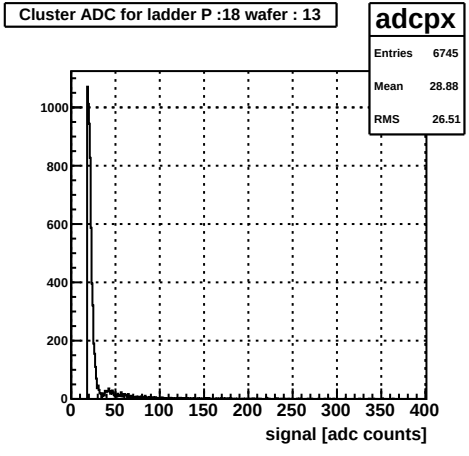

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2913
Mean 33.57
RMS 36.01
signal [adc counts]

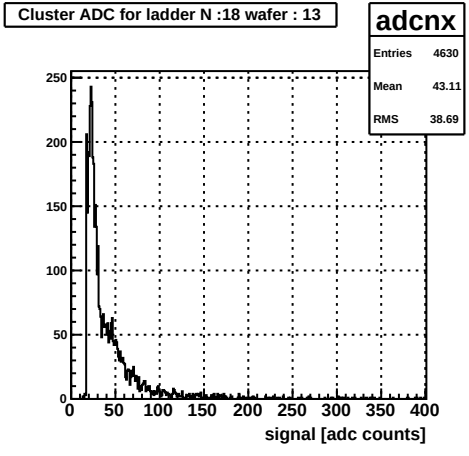

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 10178
Mean 27.73
RMS 30.17
signal [adc counts]

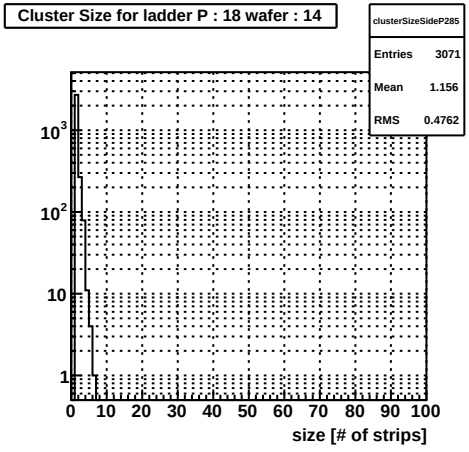

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6745
Mean 1.096
RMS 0.3819
size [# of strips]

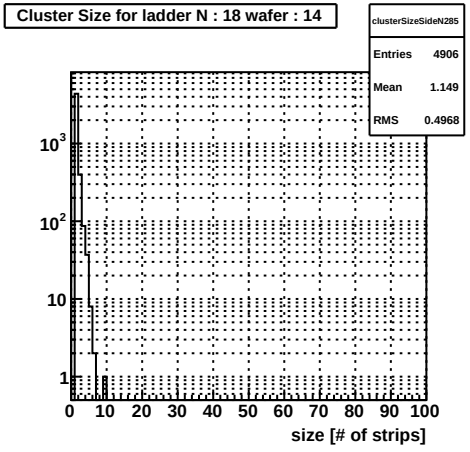

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 4630
Mean 1.16
RMS 0.5106
size [# of strips]

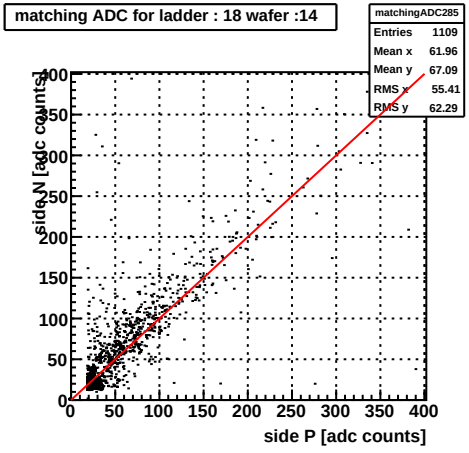

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 670
Mean x 83.43
Mean y 81.43
RMS x 59.54
RMS y 56.65
side N [adc counts]
side P [adc counts]

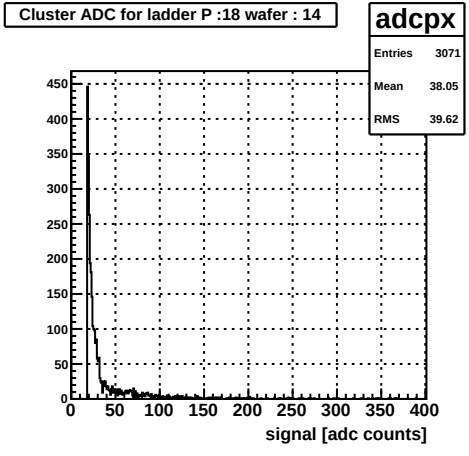

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6745
Mean 28.88
RMS 26.51
signal [adc counts]

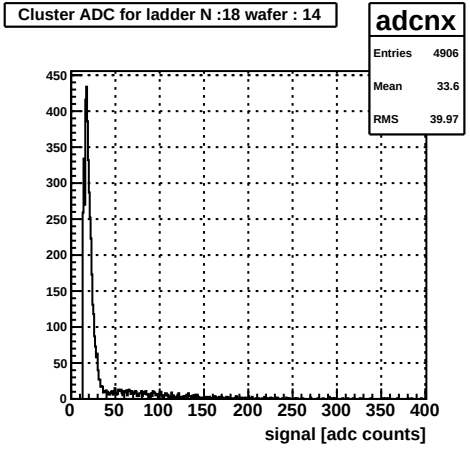

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 4630
Mean 43.11
RMS 38.69
signal [adc counts]

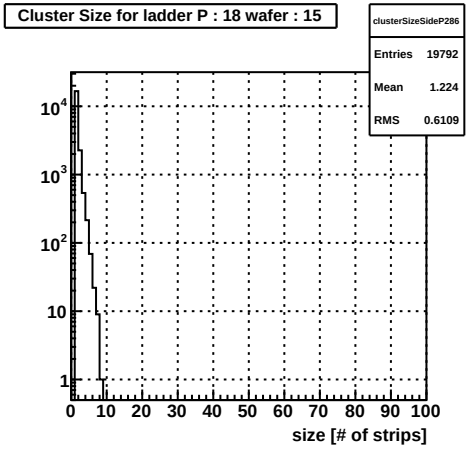

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 3071
Mean 1.156
RMS 0.4762
size [# of strips]

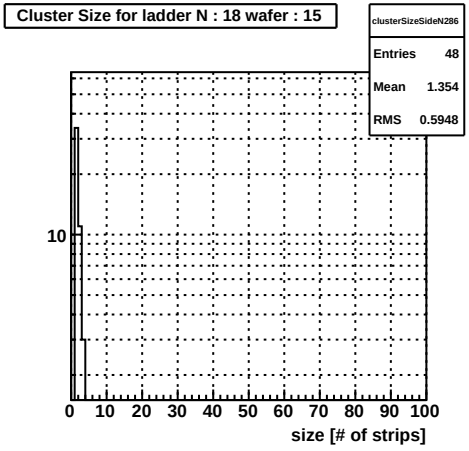

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 4906
Mean 1.149
RMS 0.4968
size [# of strips]

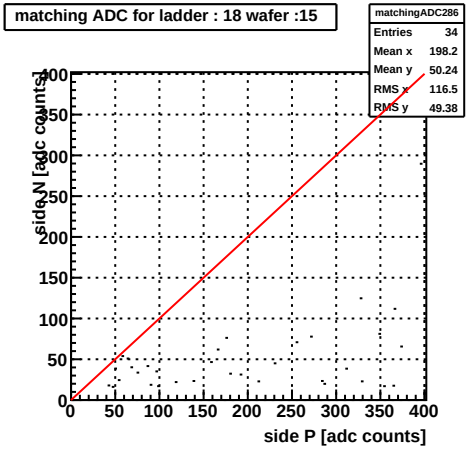

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1109
Mean x 61.96
Mean y 67.09
RMS x 55.41
RMS y 62.29
side N [adc counts]
side P [adc counts]

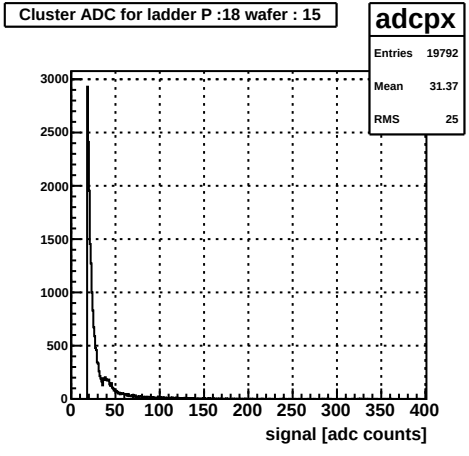

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 3071
Mean 38.05
RMS 39.62
signal [adc counts]

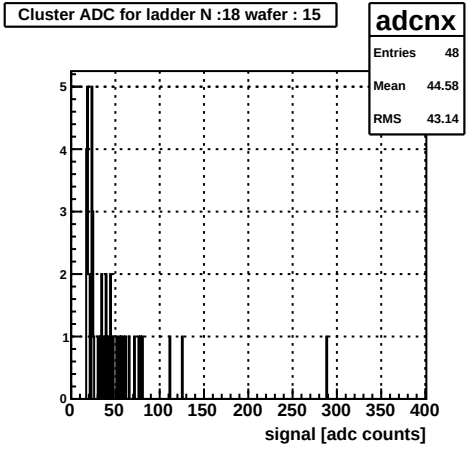

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 4906
Mean 33.6
RMS 39.97
signal [adc counts]

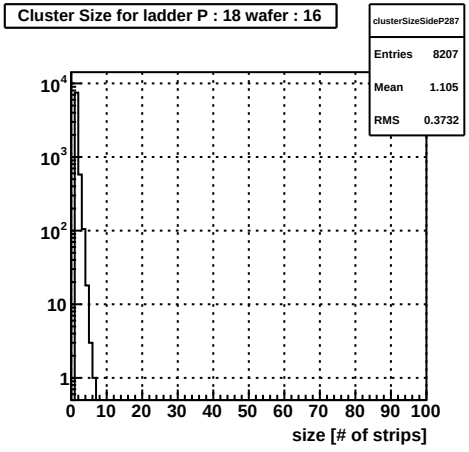

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 19792
Mean 1.224
RMS 0.6109
size [# of strips]

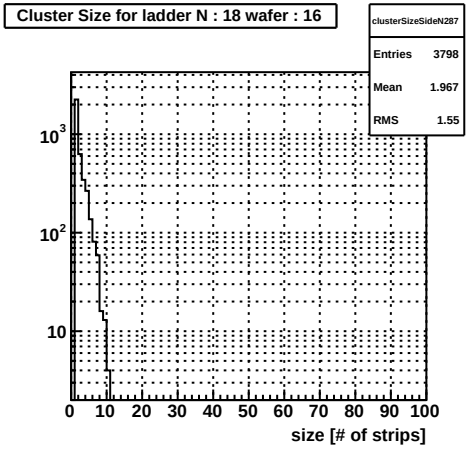

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 48
Mean 1.354
RMS 0.5948
size [# of strips]

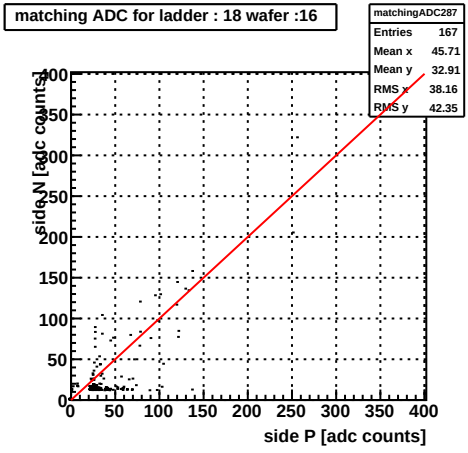

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 34
Mean x 198.2
Mean y 50.24
RMS x 116.5
RMS y 49.38
side N [adc counts]
side P [adc counts]

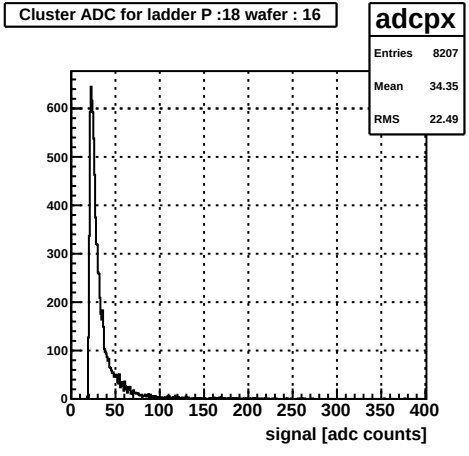

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 19792
Mean 31.37
RMS 25
signal [adc counts]

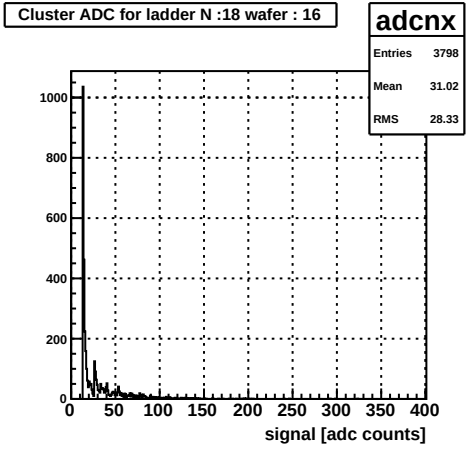

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 48
Mean 44.58
RMS 43.14
signal [adc counts]

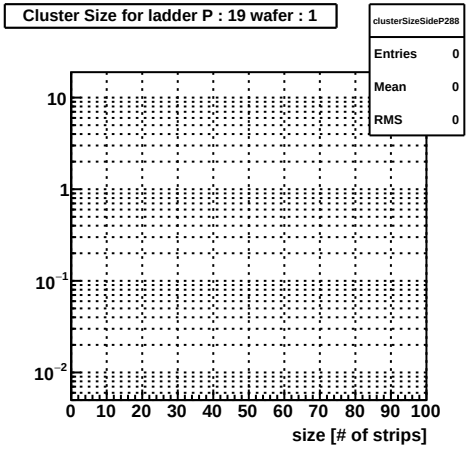

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 8207
Mean 1.105
RMS 0.3732
size [# of strips]

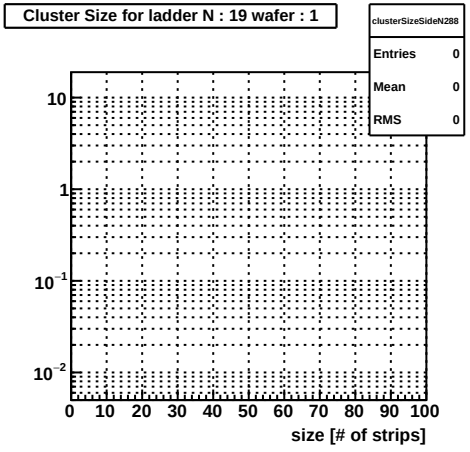

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 3798
Mean 1.967
RMS 1.55
size [# of strips]

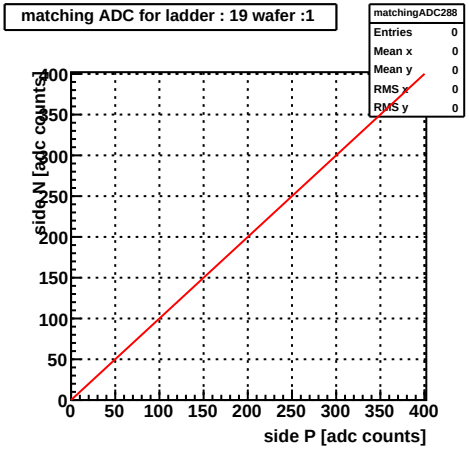

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 167
Mean x 45.71
Mean y 32.91
RMS x 38.16
RMS y 42.35
side N [adc counts]
side P [adc counts]

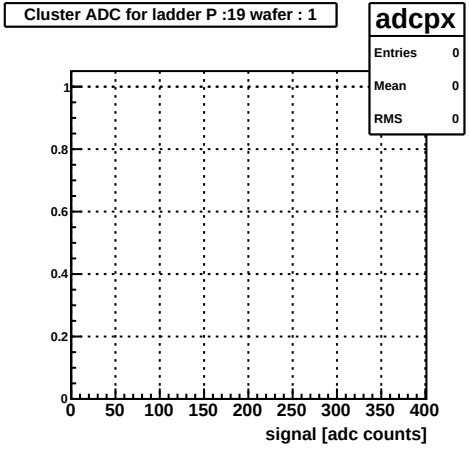

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 8207
Mean 34.35
RMS 22.49
signal [adc counts]

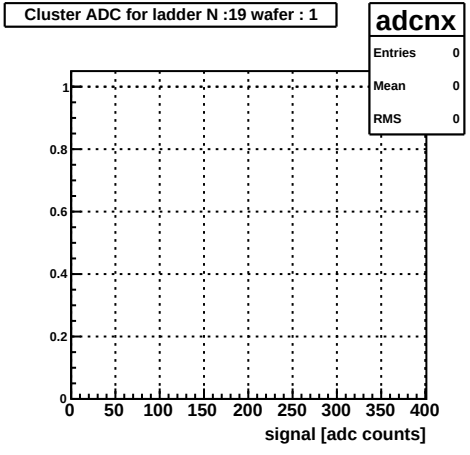

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 3798
Mean 31.02
RMS 28.33
signal [adc counts]

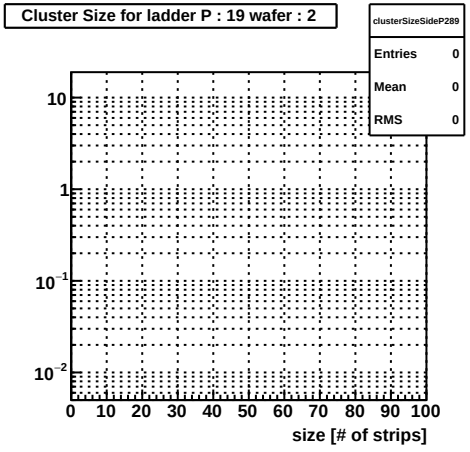

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

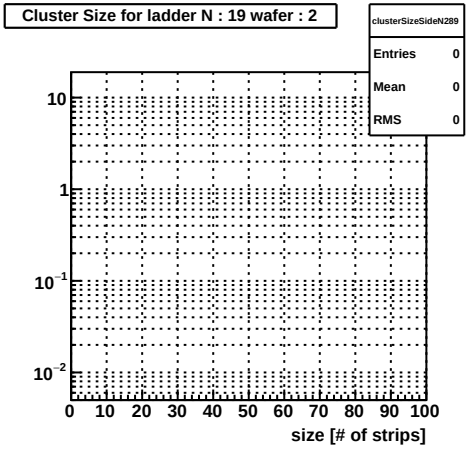

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

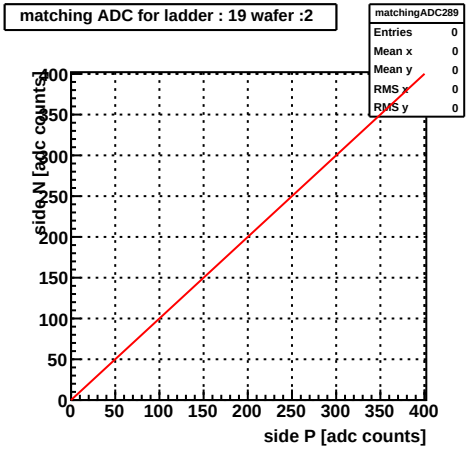

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

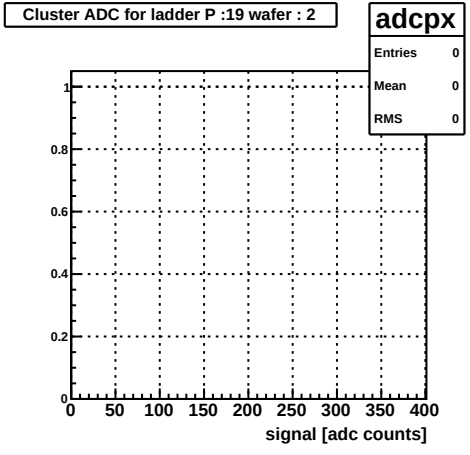

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

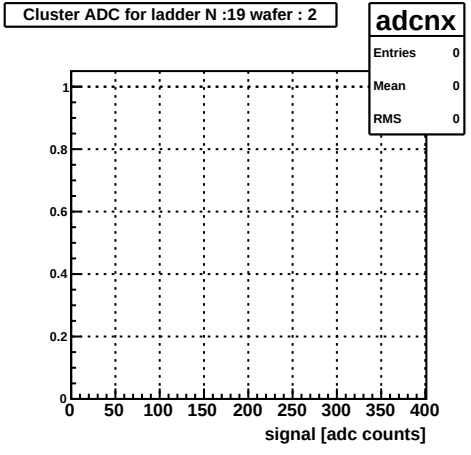

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

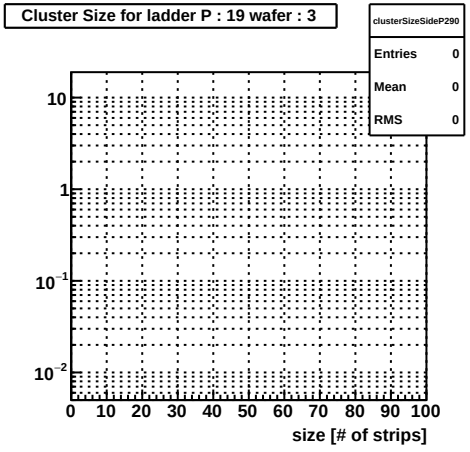

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

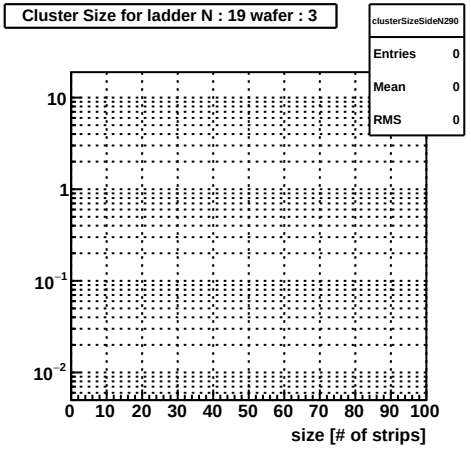

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

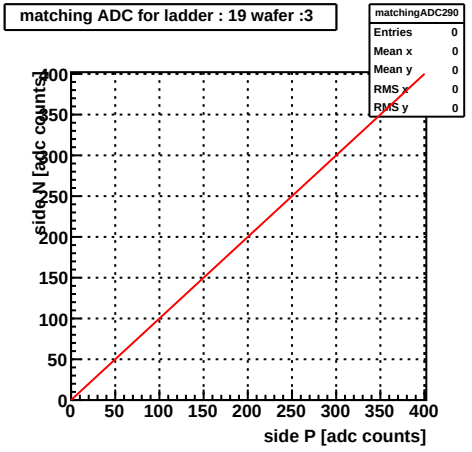

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

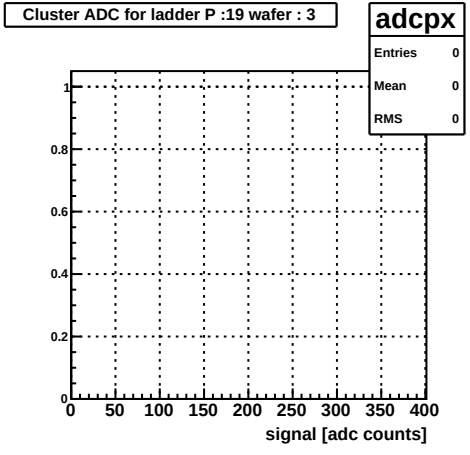

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

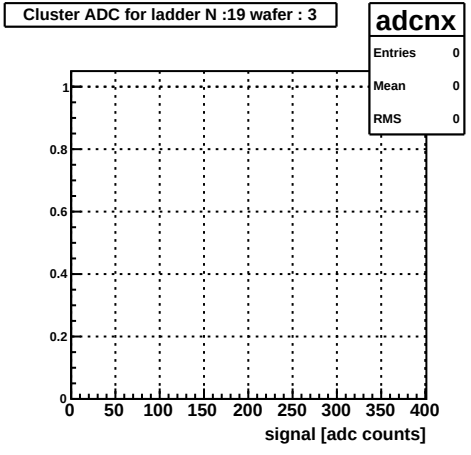

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

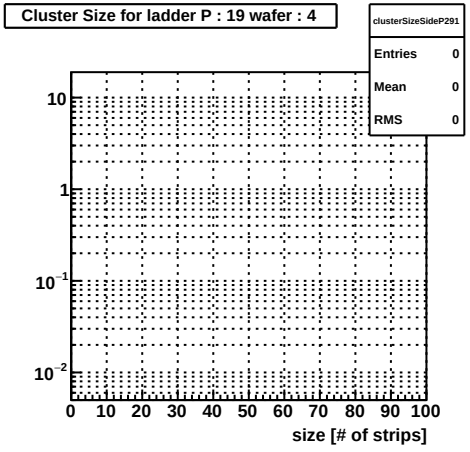

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

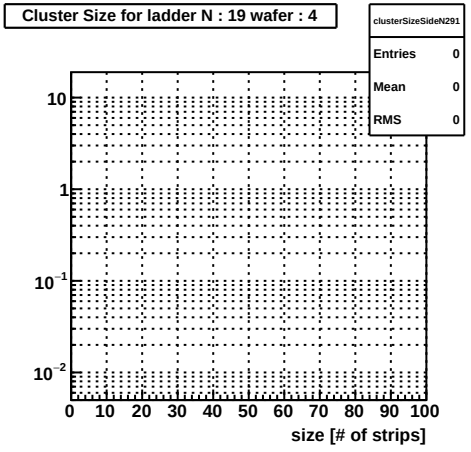

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

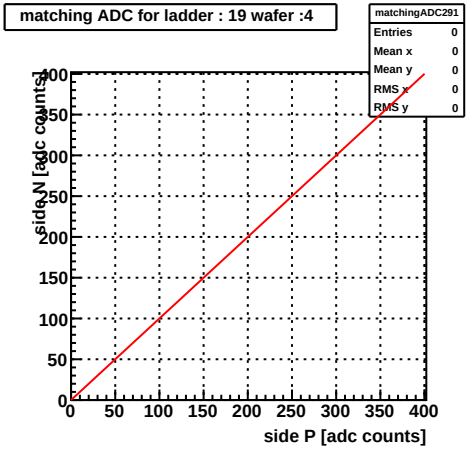

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

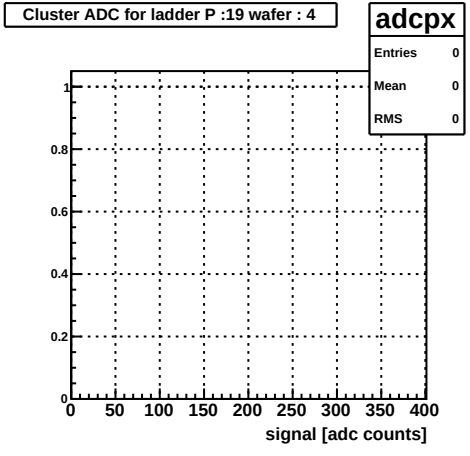

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

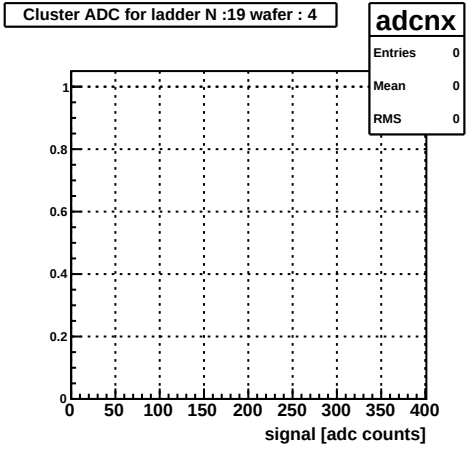

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

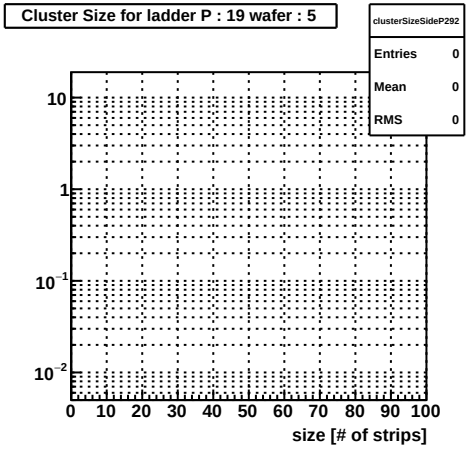

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

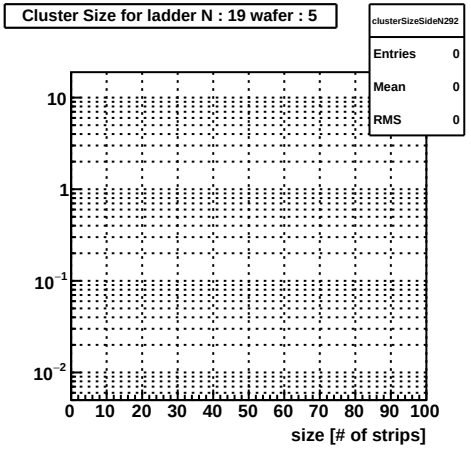

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

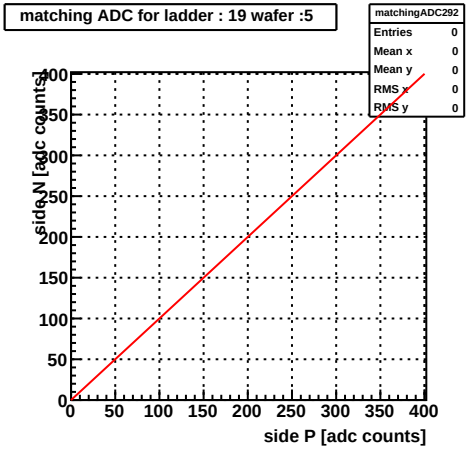

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

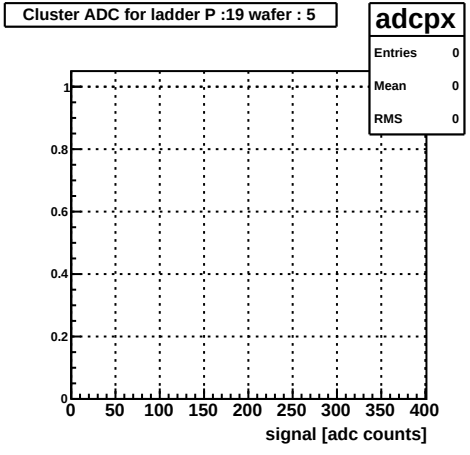

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

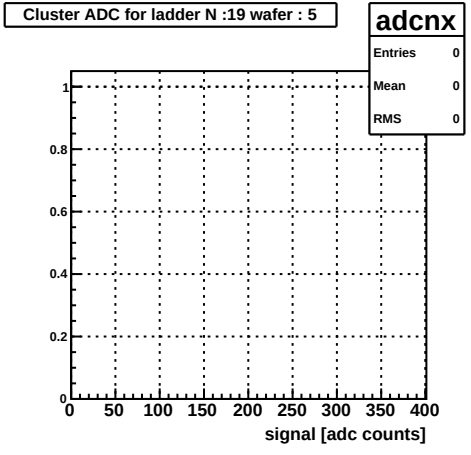

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

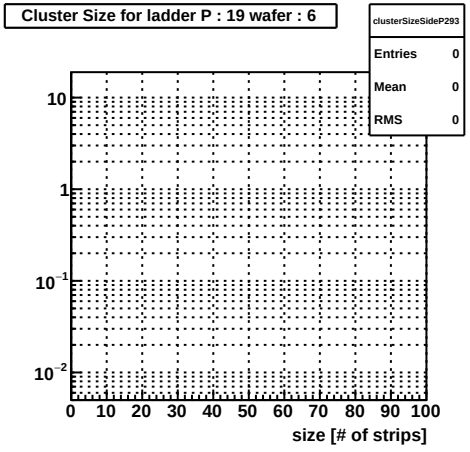

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

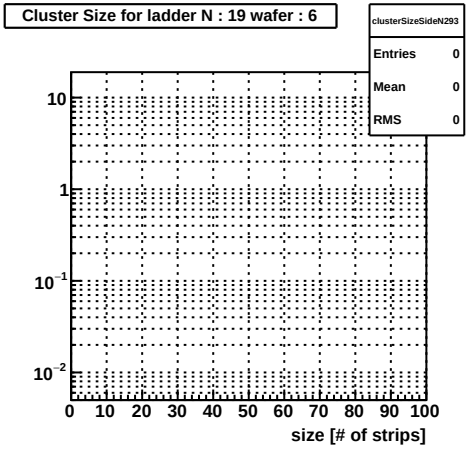

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

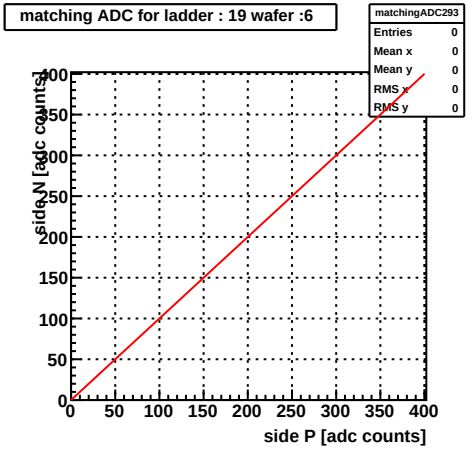

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

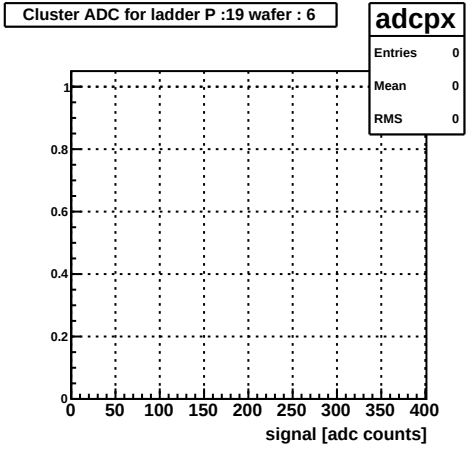

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

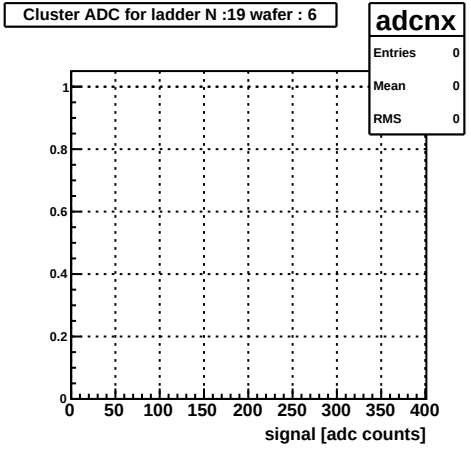

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

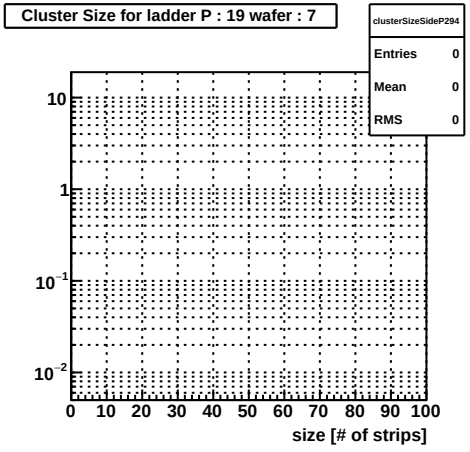

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

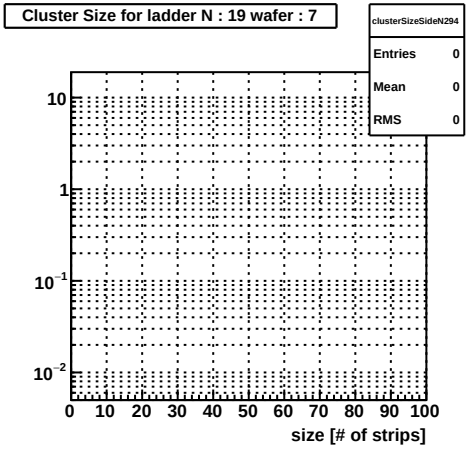

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

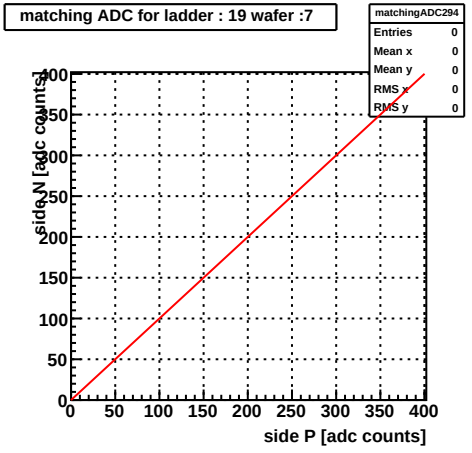

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

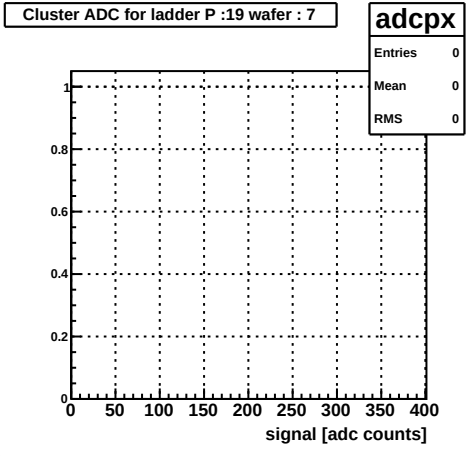

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

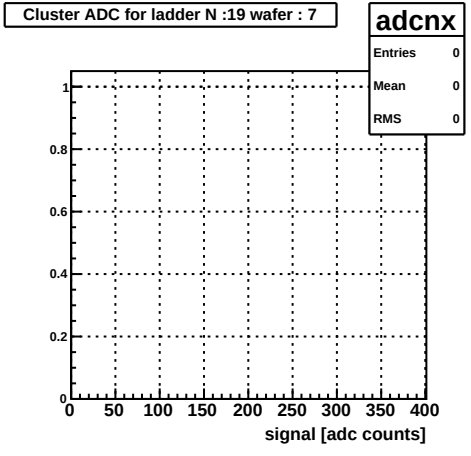

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

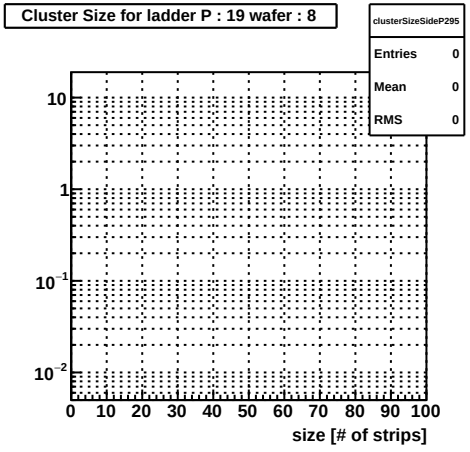

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

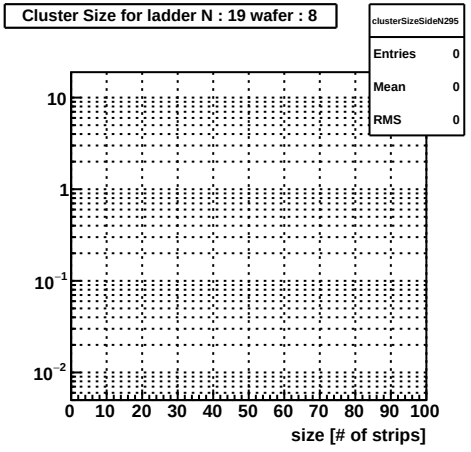

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

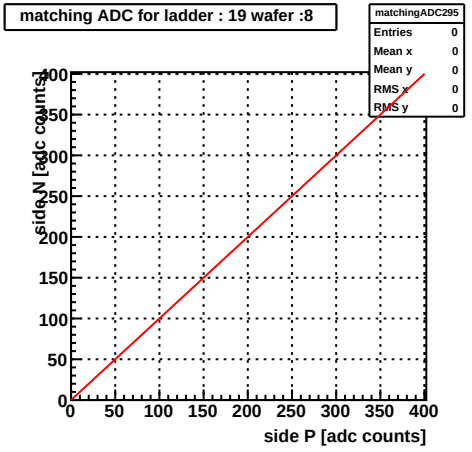

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

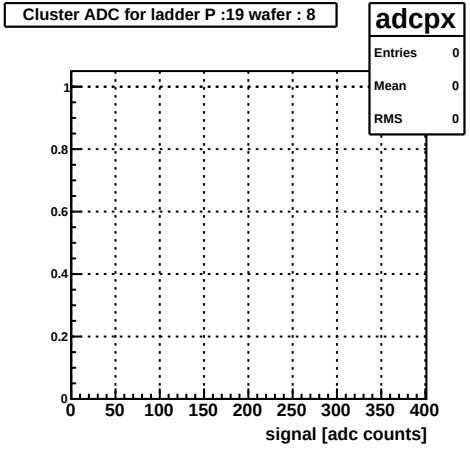

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

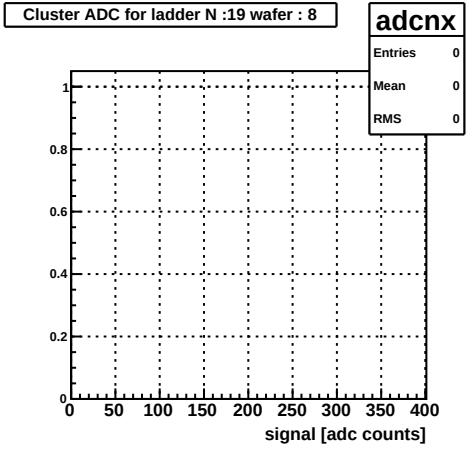

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

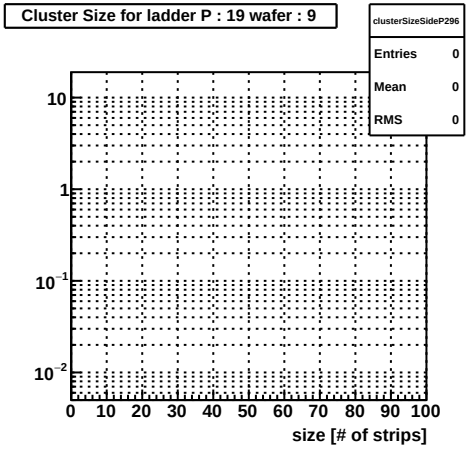

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

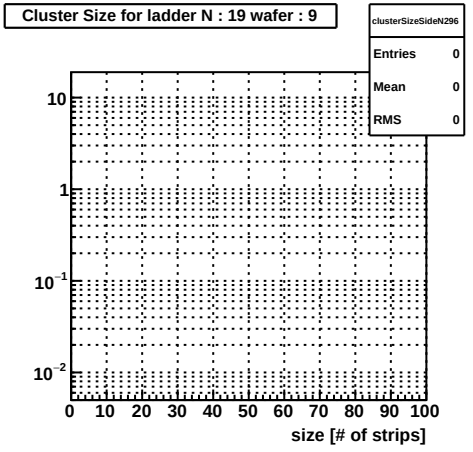

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

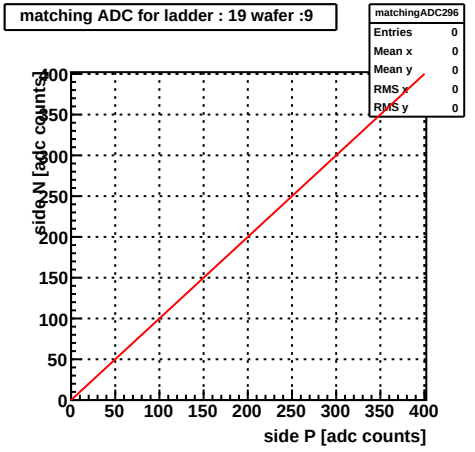

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

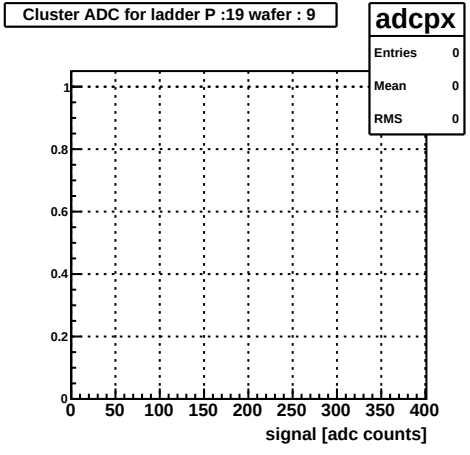

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

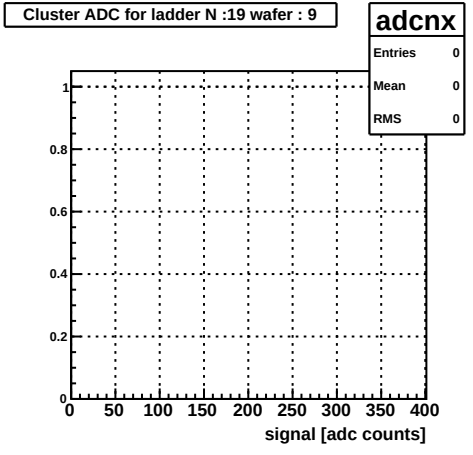

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

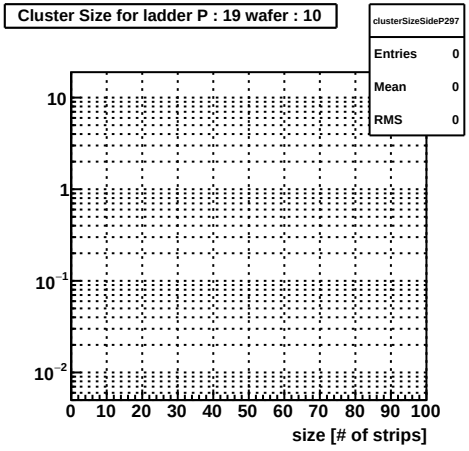

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

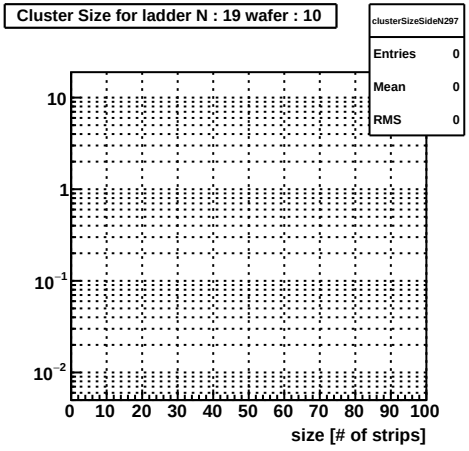

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

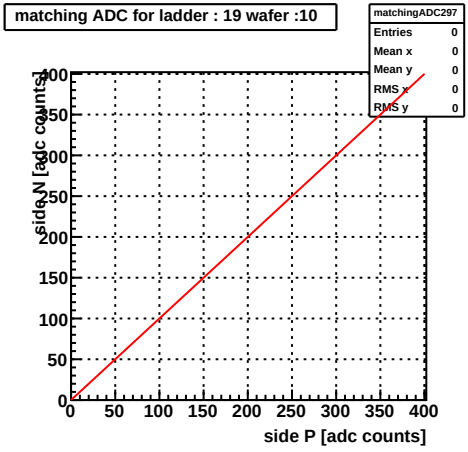

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

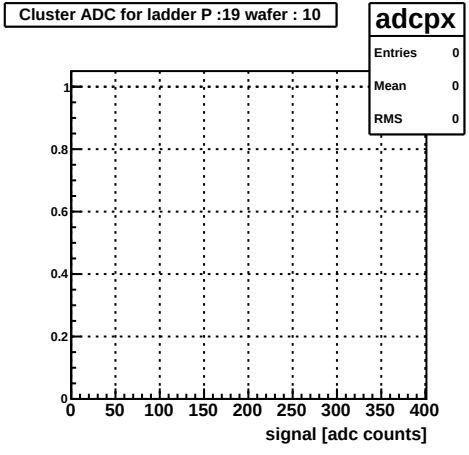

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

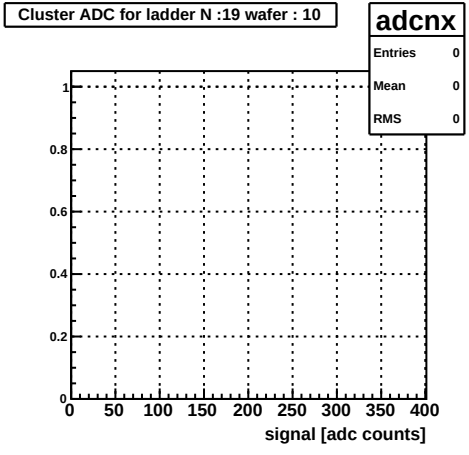

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

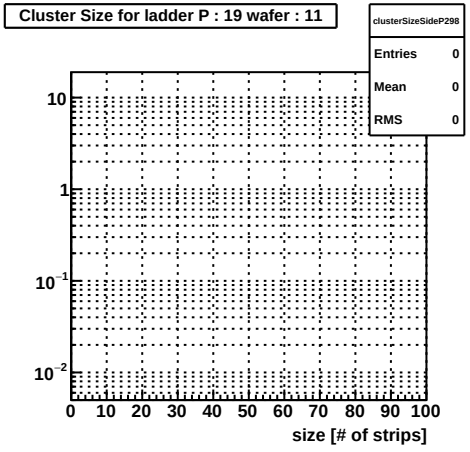

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

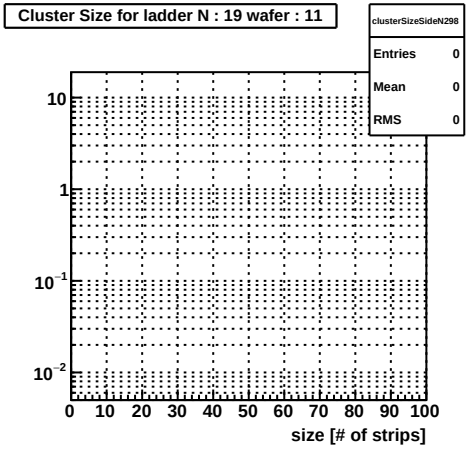

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

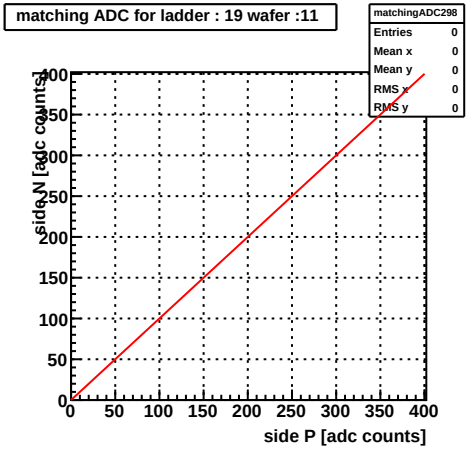

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

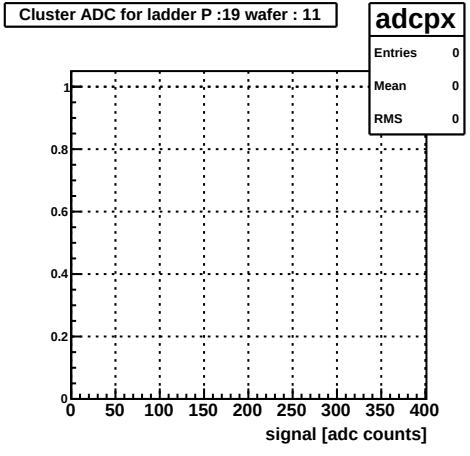

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

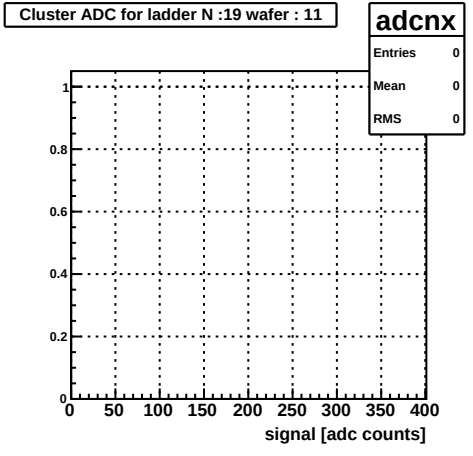

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

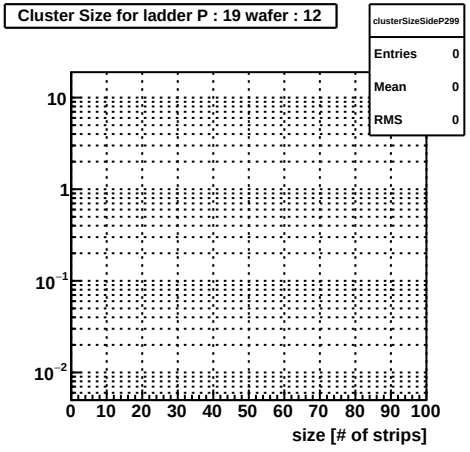

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

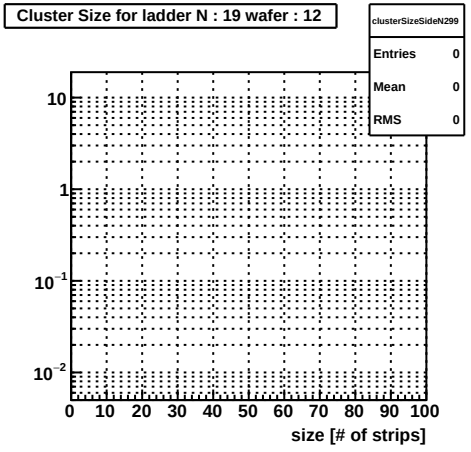

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

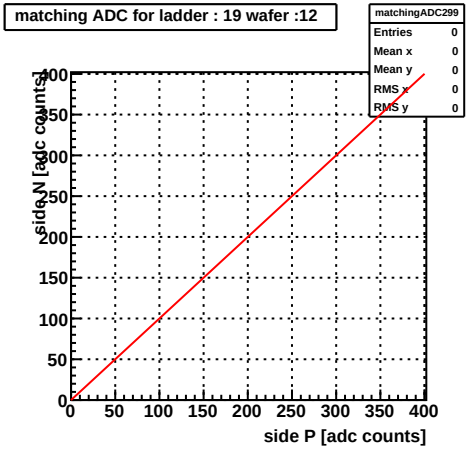

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

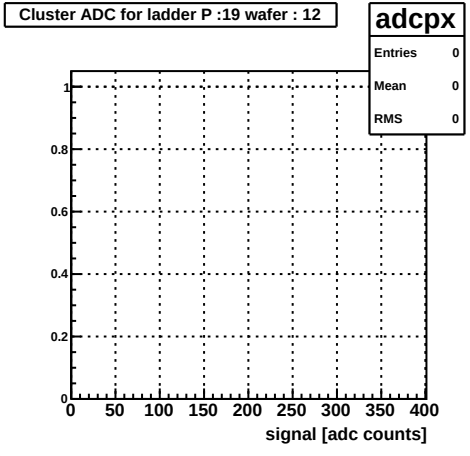

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

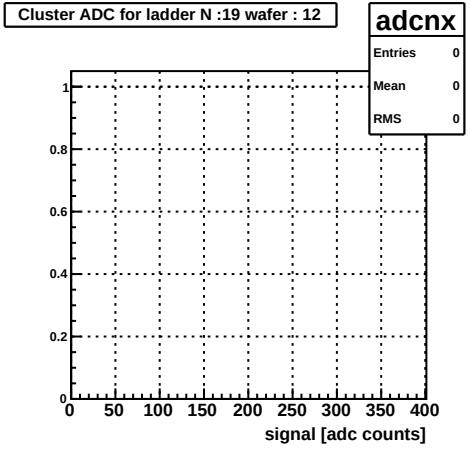

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

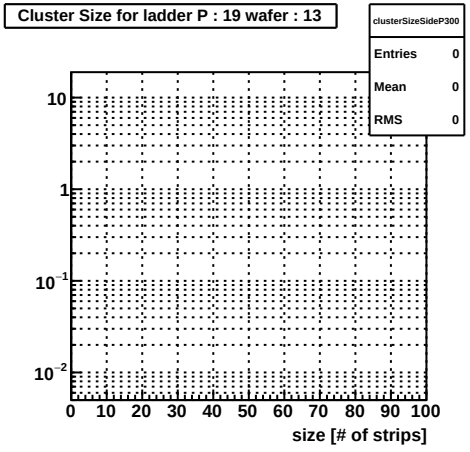

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

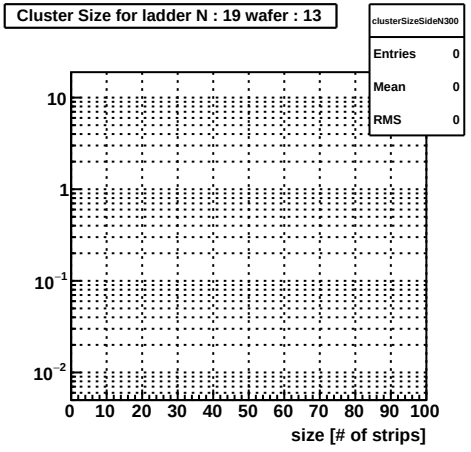

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

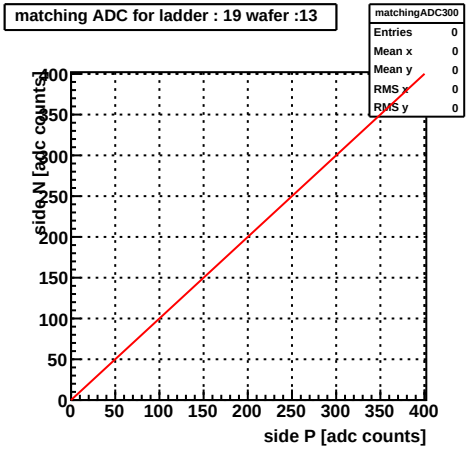

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

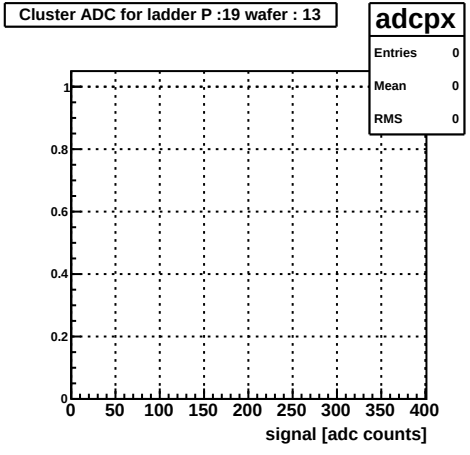

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

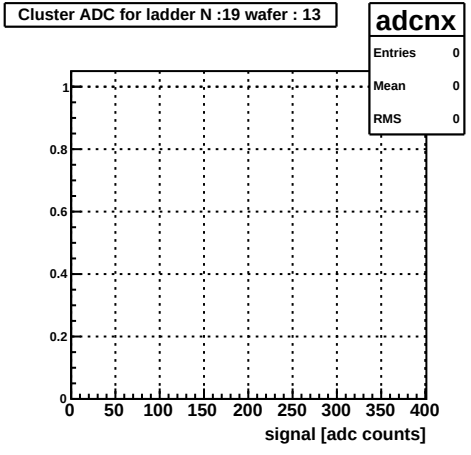

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

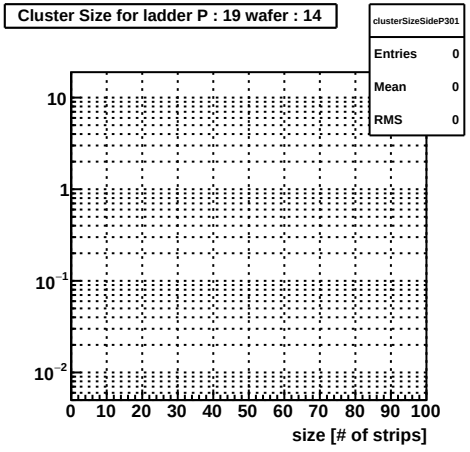

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

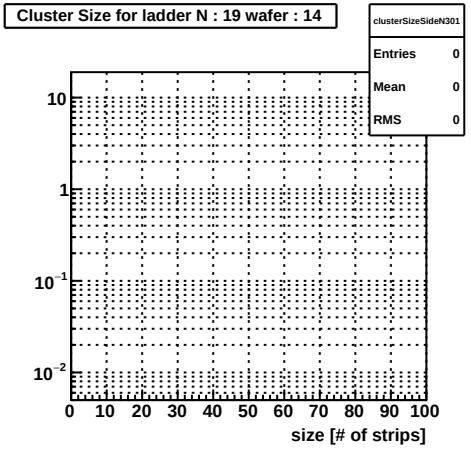

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

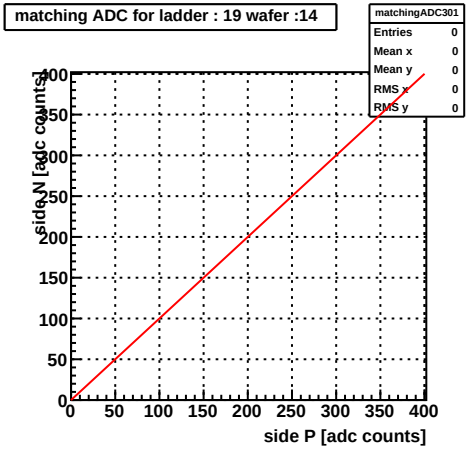

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

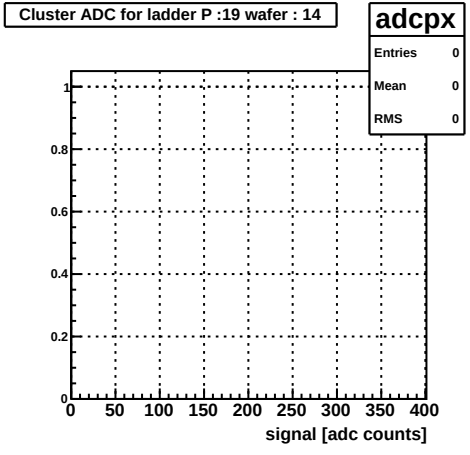

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

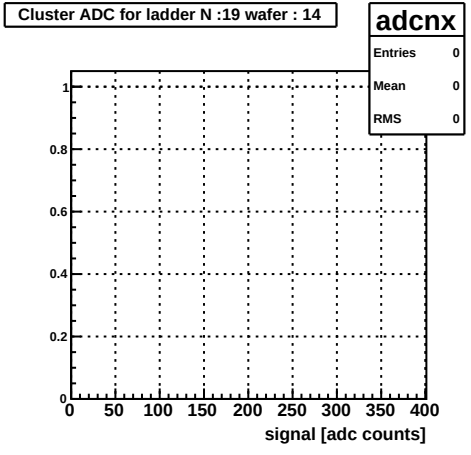

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

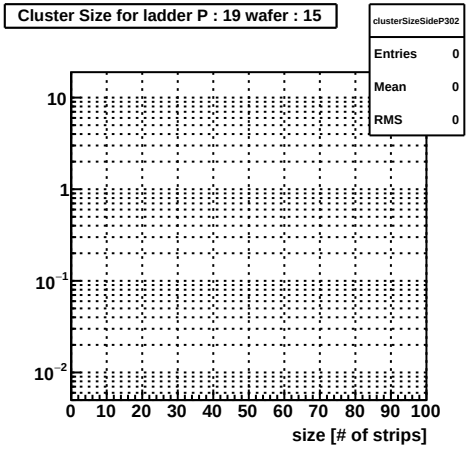

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

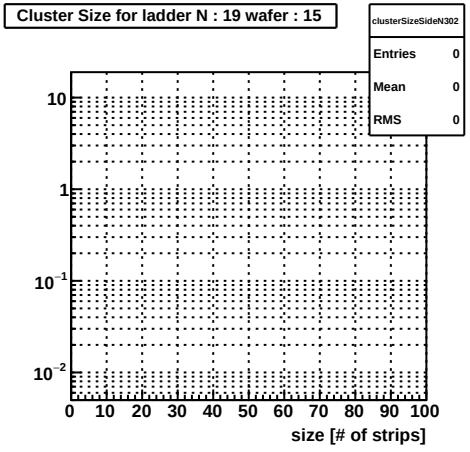

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

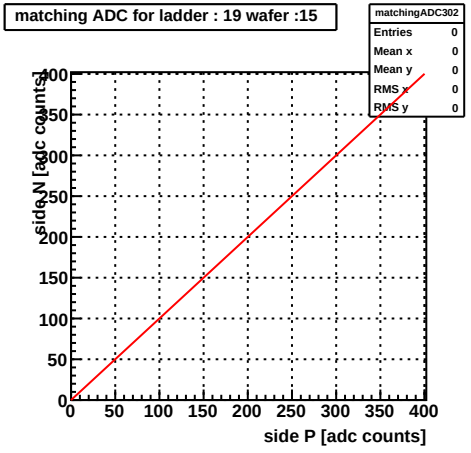

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

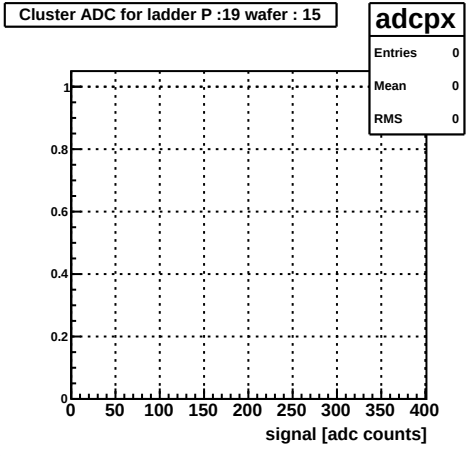

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

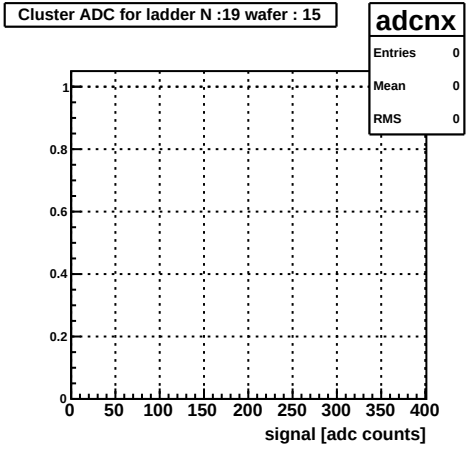

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

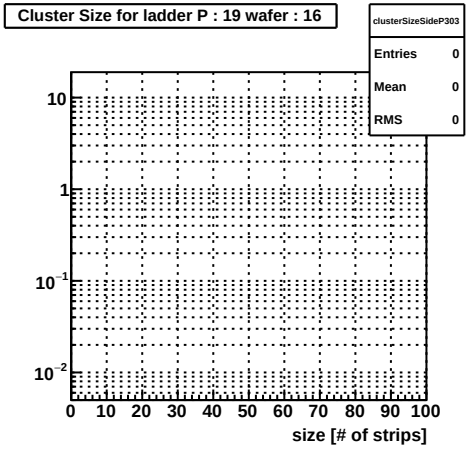

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

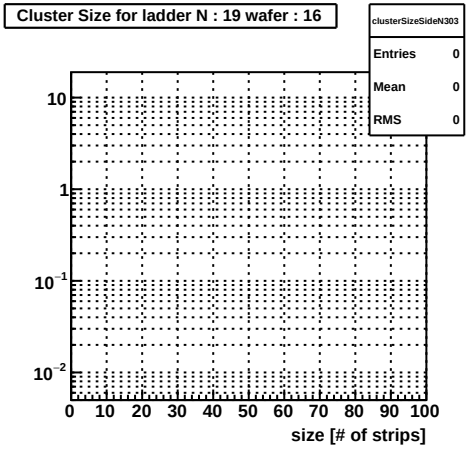

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

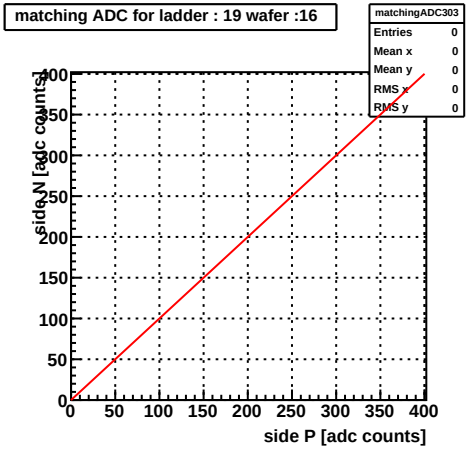

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

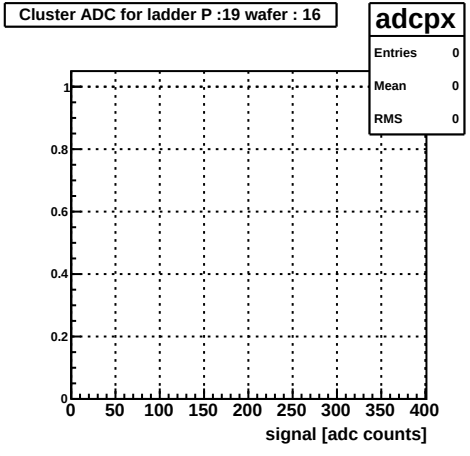

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

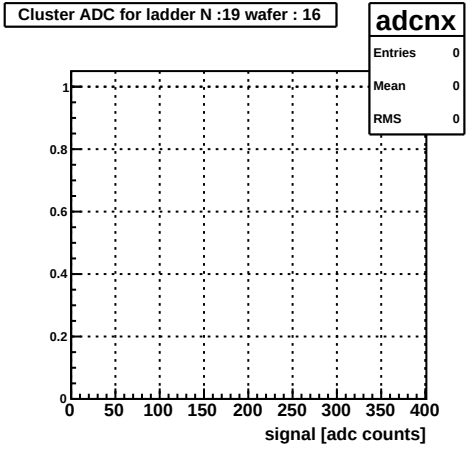

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

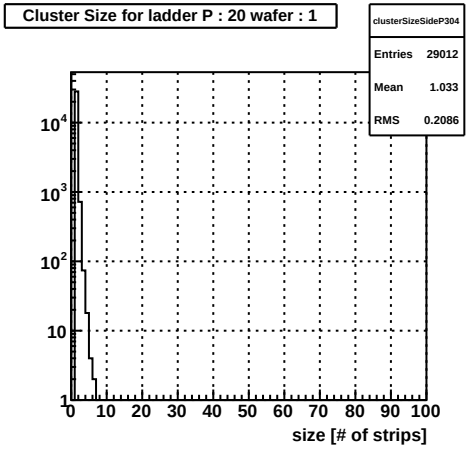

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

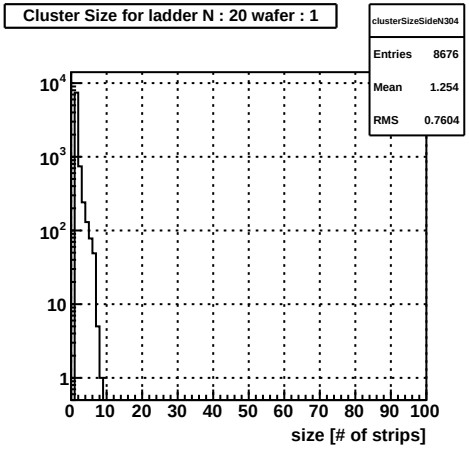

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

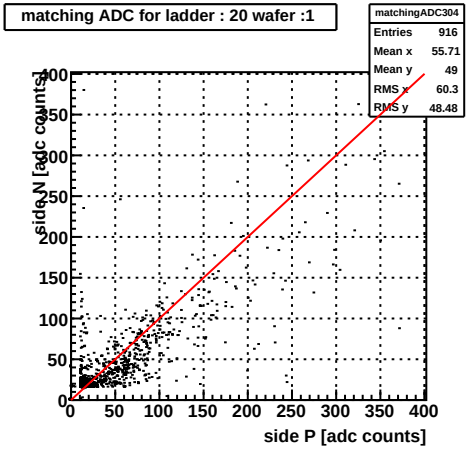

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

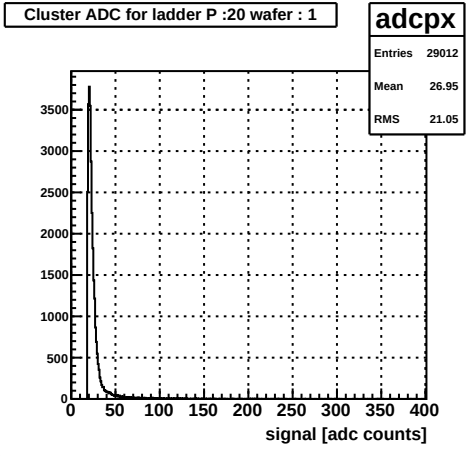

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

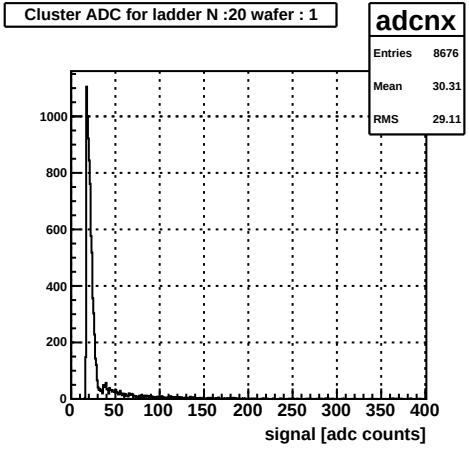

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

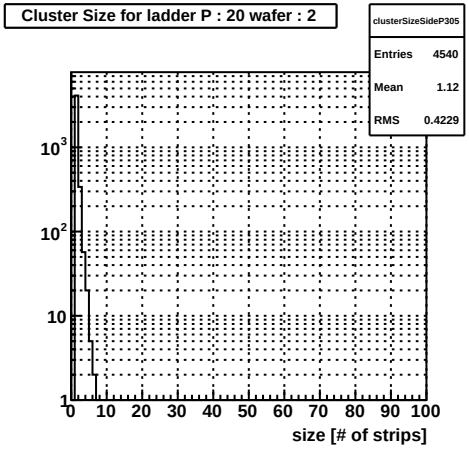

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 29012
Mean 1.033
RMS 0.2086
size [# of strips]

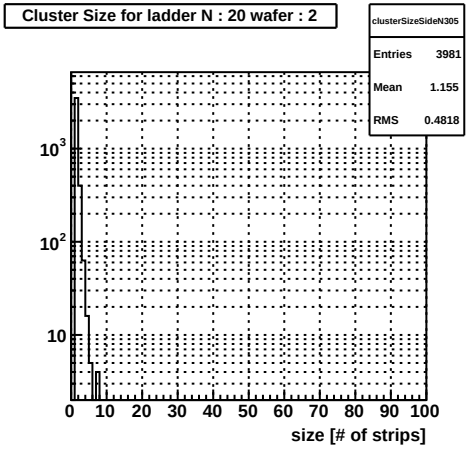

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 8676
Mean 1.254
RMS 0.7604
size [# of strips]

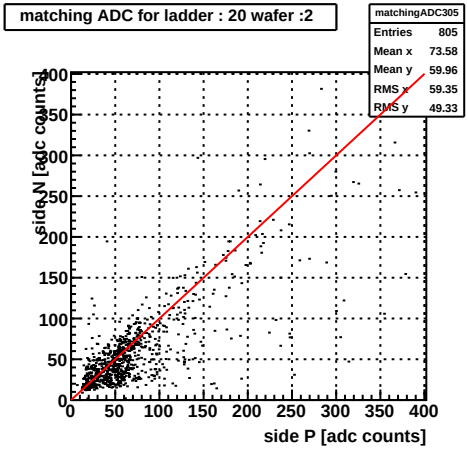

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 916
Mean x 55.71
Mean y 49
RMS x 60.3
RMS y 48.48
side N [adc counts]
side P [adc counts]

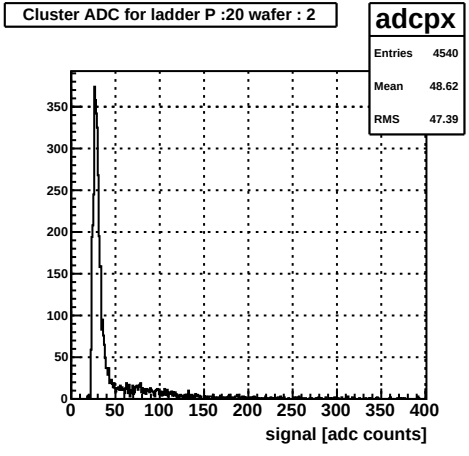

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 29012
Mean 26.95
RMS 21.05
signal [adc counts]

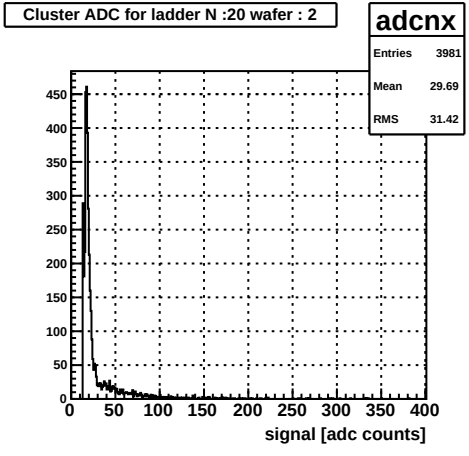

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 8676
Mean 30.31
RMS 29.11
signal [adc counts]

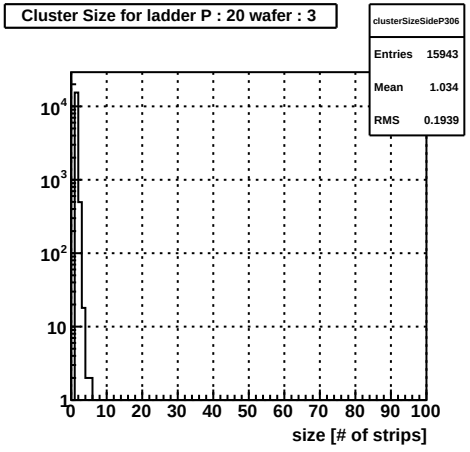

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4540
Mean 1.12
RMS 0.4229
size [# of strips]

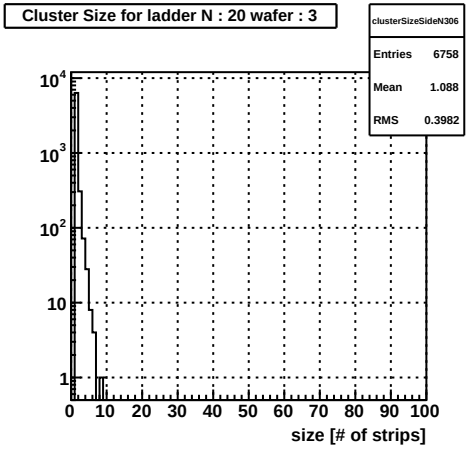

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3981
Mean 1.155
RMS 0.4818
size [# of strips]

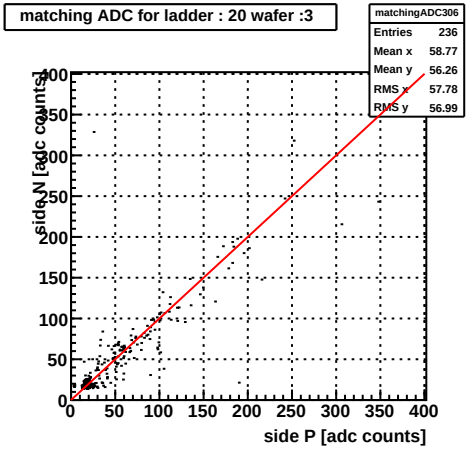

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 805
Mean x 73.58
Mean y 59.96
RMS x 59.35
RMS y 49.33
side N [adc counts]
side P [adc counts]

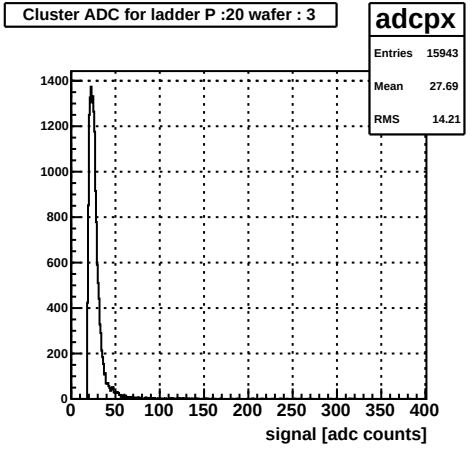

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4540
Mean 48.62
RMS 47.39
signal [adc counts]

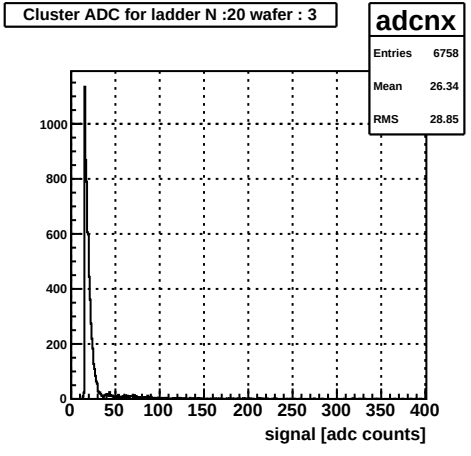

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3981
Mean 29.69
RMS 31.42
signal [adc counts]

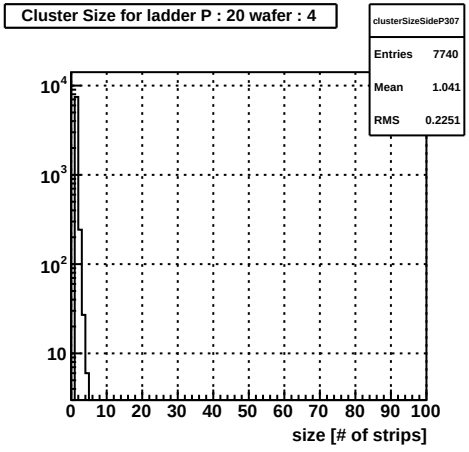

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 15943
Mean 1.034
RMS 0.1939
size [# of strips]

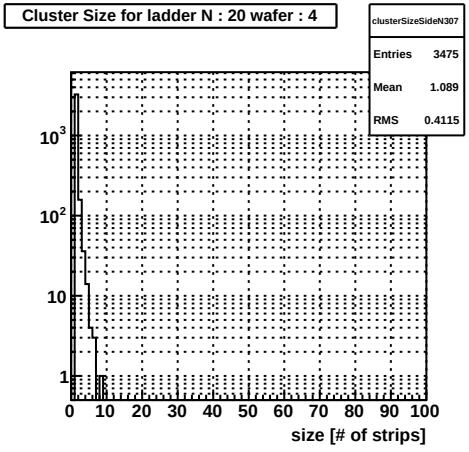

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6758
Mean 1.088
RMS 0.3982
size [# of strips]

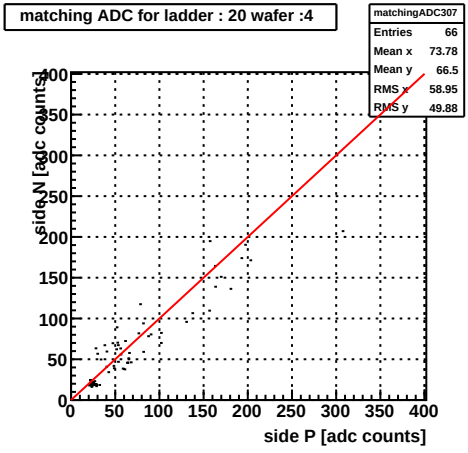

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 236
Mean x 58.77
Mean y 56.26
RMS x 57.78
RMS y 56.99
side N [adc counts]
side P [adc counts]

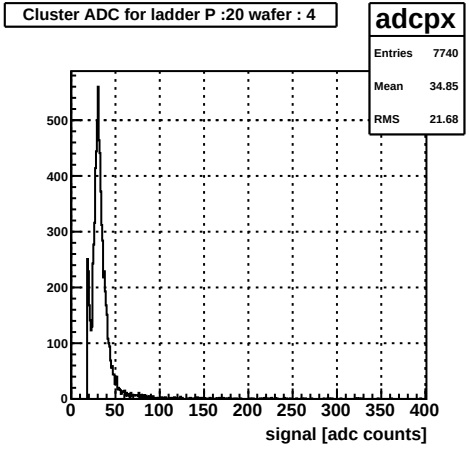

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 15943
Mean 27.69
RMS 14.21
signal [adc counts]

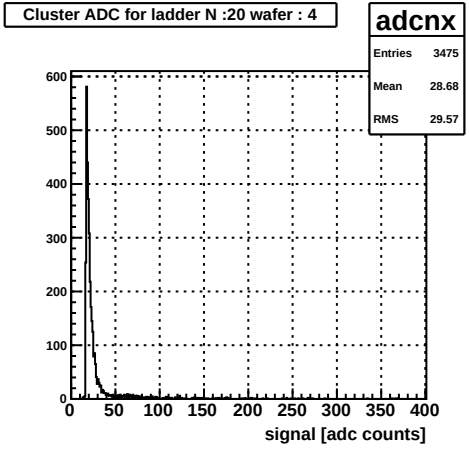

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6758
Mean 26.34
RMS 28.85
signal [adc counts]

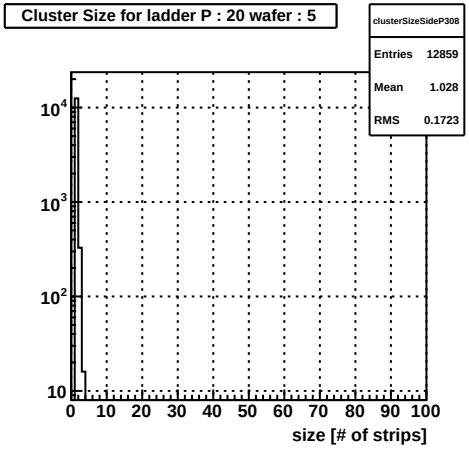

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 7740
Mean 1.041
RMS 0.2251
size [# of strips]

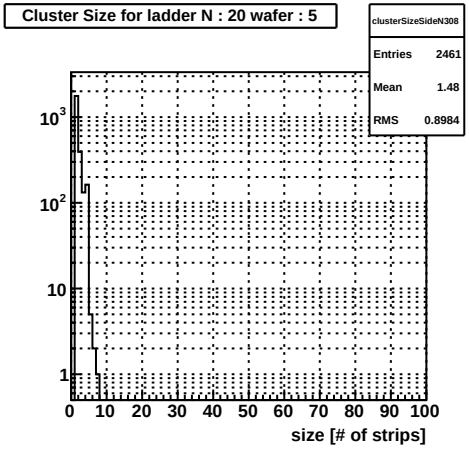

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3475
Mean 1.089
RMS 0.4115
size [# of strips]

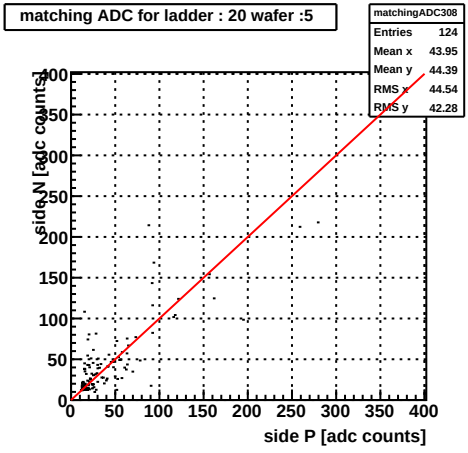

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 66
Mean x 73.78
Mean y 66.5
RMS x 58.95
RMS y 49.88
side N [adc counts]
side P [adc counts]

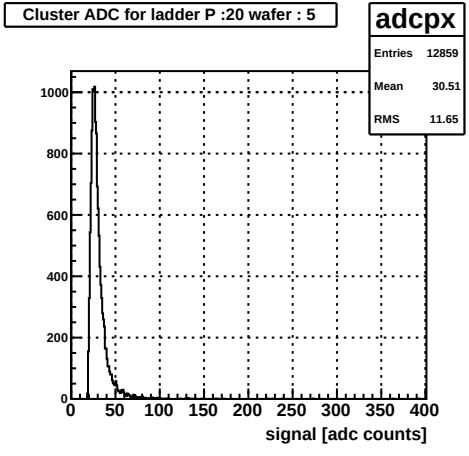

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 7740
Mean 34.85
RMS 21.68
signal [adc counts]

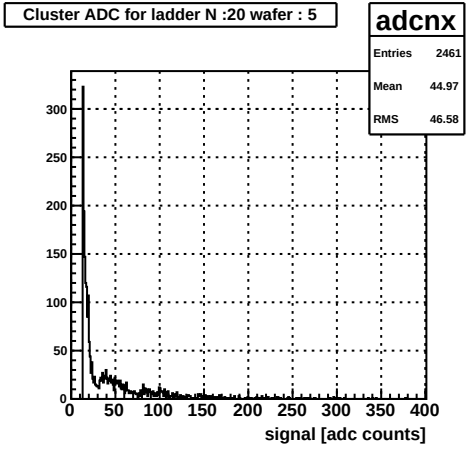

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3475
Mean 28.68
RMS 29.57
signal [adc counts]

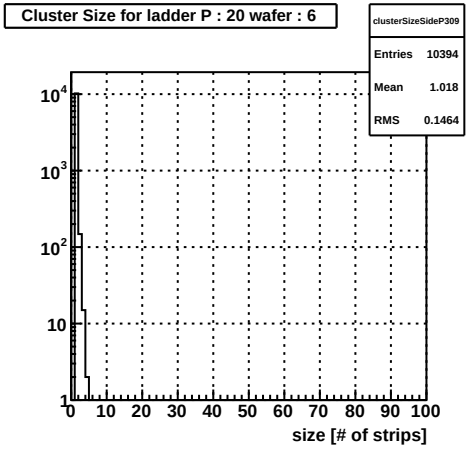

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 12859
Mean 1.028
RMS 0.1723
size [# of strips]

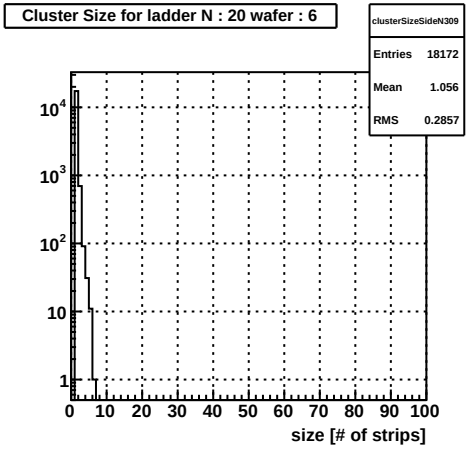

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2461
Mean 1.48
RMS 0.8984
size [# of strips]

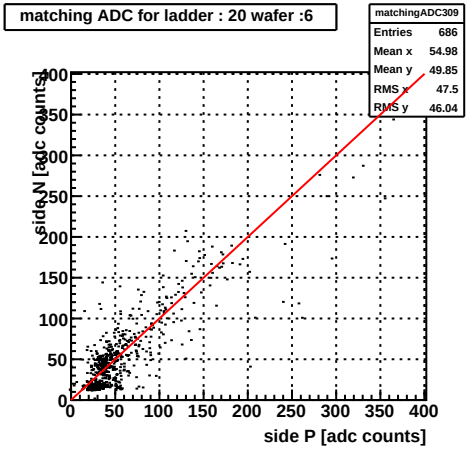

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 124
Mean x 43.95
Mean y 44.39
RMS x 44.54
RMS y 42.28
side N [adc counts]
side P [adc counts]

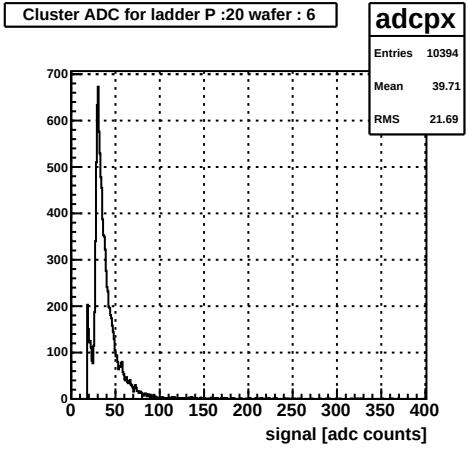

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 12859
Mean 30.51
RMS 11.65
signal [adc counts]

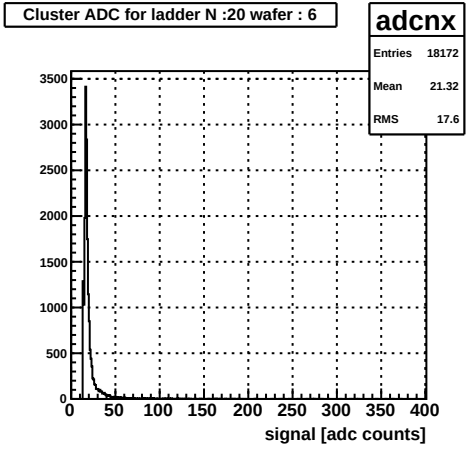

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2461
Mean 44.97
RMS 46.58
signal [adc counts]

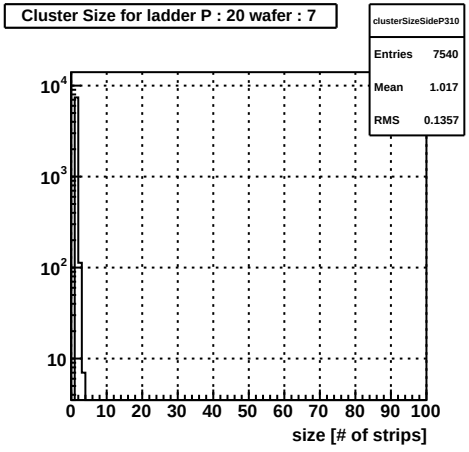

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 10394
Mean 1.018
RMS 0.1464
size [# of strips]

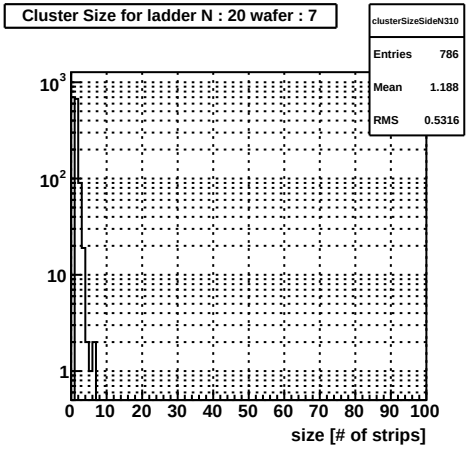

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 18172
Mean 1.056
RMS 0.2857
size [# of strips]

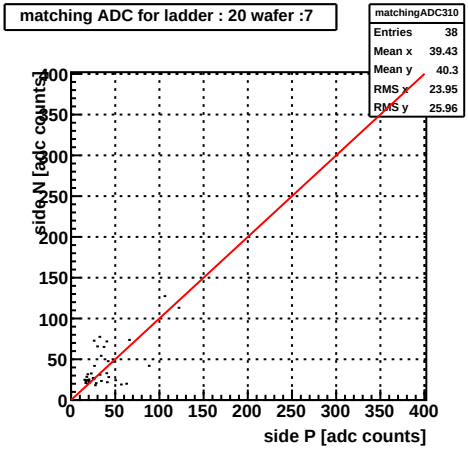

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 686
Mean x 54.98
Mean y 49.85
RMS x 47.5
RMS y 46.04
side N [adc counts]
side P [adc counts]

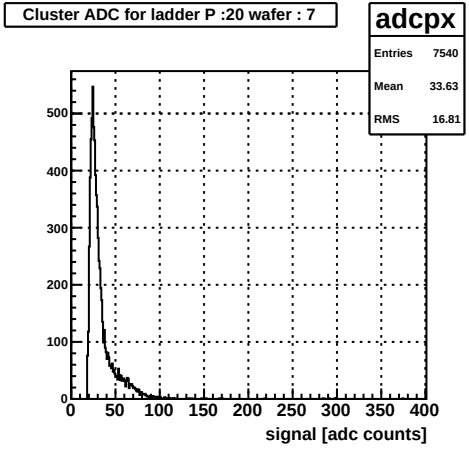

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 10394
Mean 39.71
RMS 21.69
signal [adc counts]

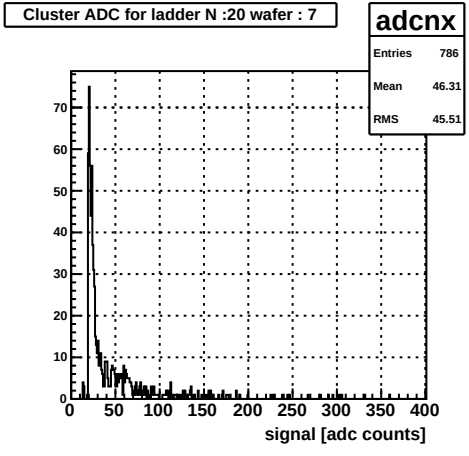

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 18172
Mean 21.32
RMS 17.6
signal [adc counts]

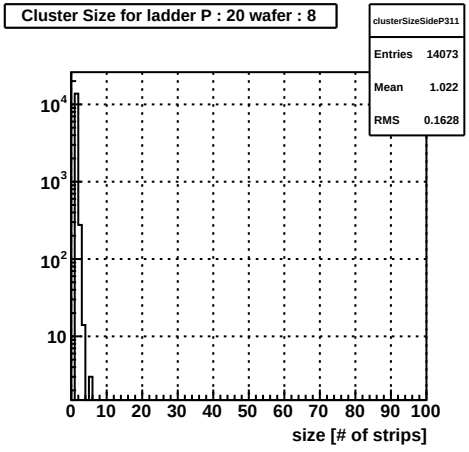

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 7540
Mean 1.017
RMS 0.1357
size [# of strips]

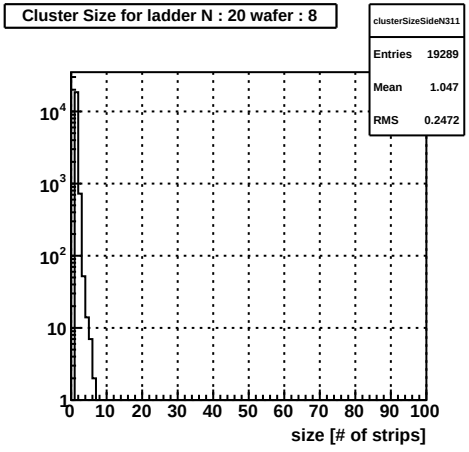

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 786
Mean 1.188
RMS 0.5316
size [# of strips]

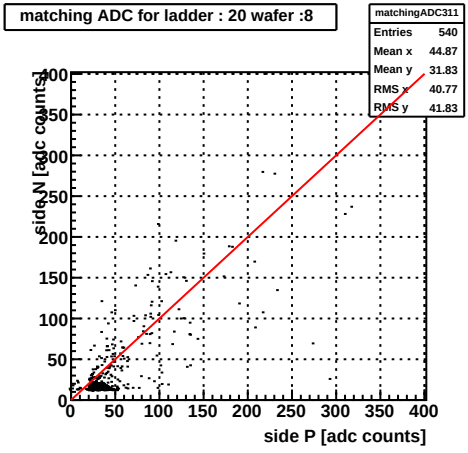

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 38
Mean x 39.43
Mean y 40.3
RMS x 23.95
RMS y 25.96
side N [adc counts]
side P [adc counts]

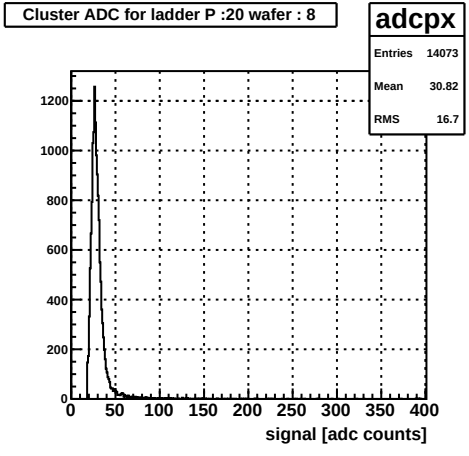

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 7540
Mean 33.63
RMS 16.81
signal [adc counts]

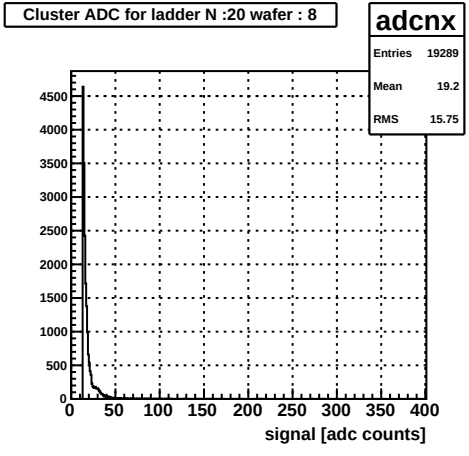

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 786
Mean 46.31
RMS 45.51
signal [adc counts]

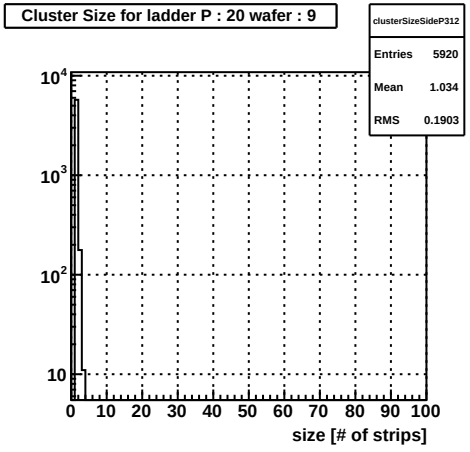

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 14073
Mean 1.022
RMS 0.1628
size [# of strips]

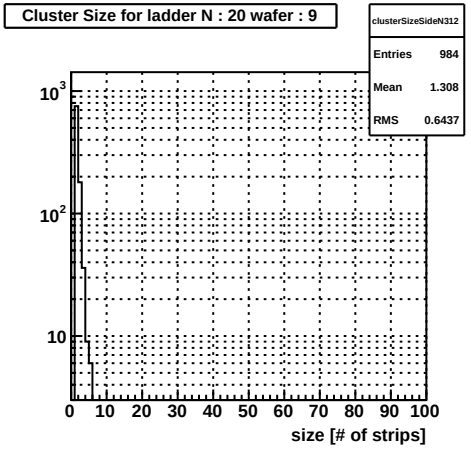

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 19289
Mean 1.047
RMS 0.2472
size [# of strips]

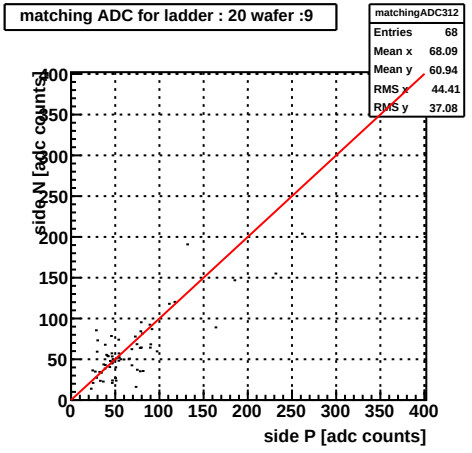

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 540
Mean x 44.87
Mean y 31.83
RMS x 40.77
RMS y 41.83
side N [adc counts]
side P [adc counts]

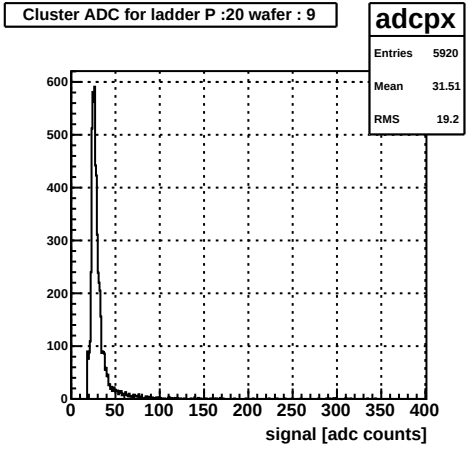

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 14073
Mean 30.82
RMS 16.7
signal [adc counts]

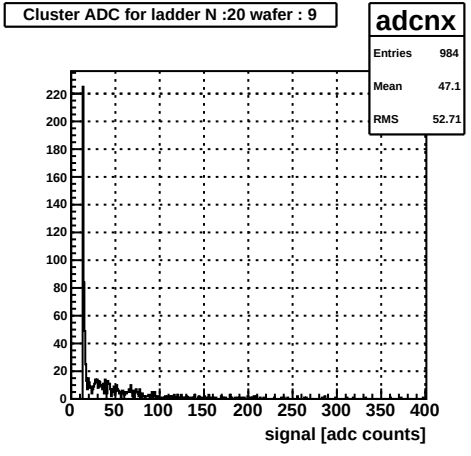

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 19289
Mean 19.2
RMS 15.75
signal [adc counts]

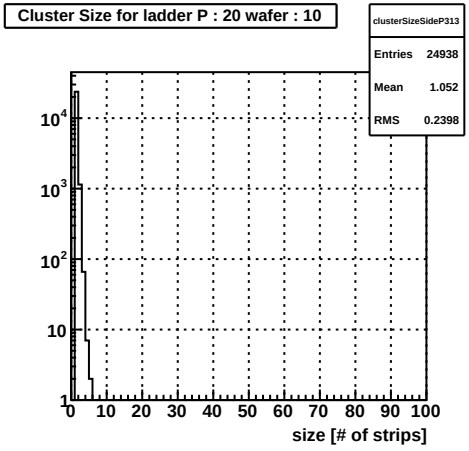

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 5920
Mean 1.034
RMS 0.1903
size [# of strips]

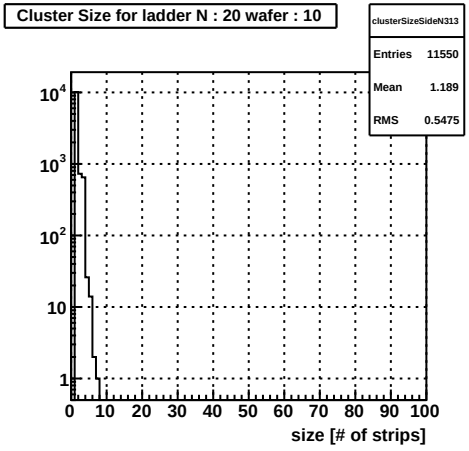

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 984
Mean 1.308
RMS 0.6437
size [# of strips]

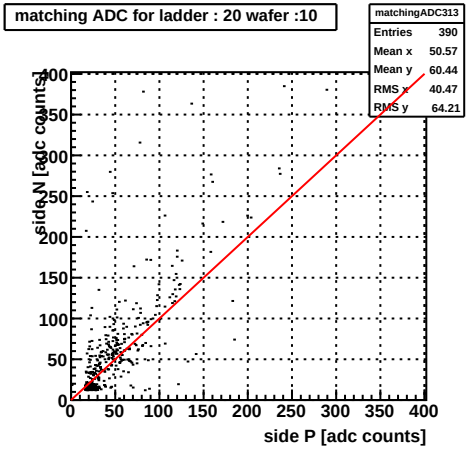

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 68
Mean x 68.09
Mean y 60.94
RMS x 44.41
RMS y 37.08
side N [adc counts]
side P [adc counts]

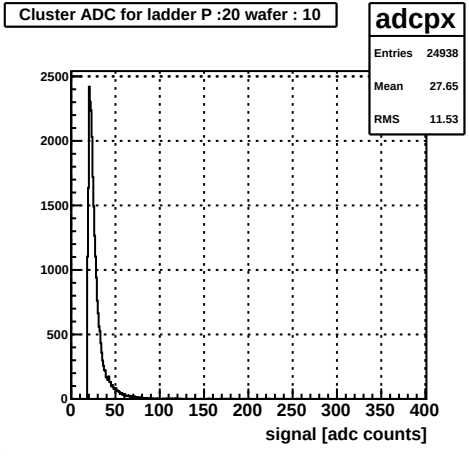

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 5920
Mean 31.51
RMS 19.2
signal [adc counts]

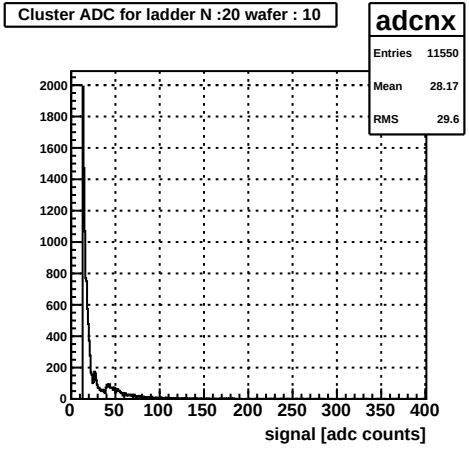

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 984
Mean 47.1
RMS 52.71
signal [adc counts]

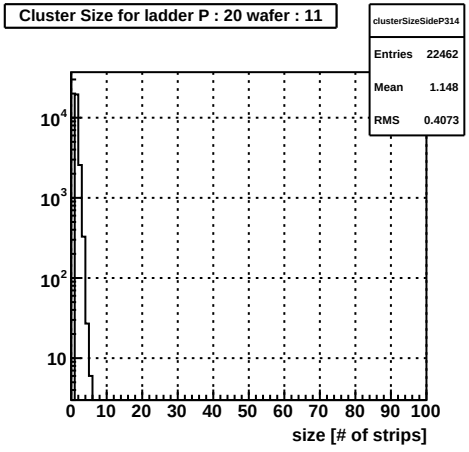

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 24938
Mean 1.052
RMS 0.2398
size [# of strips]

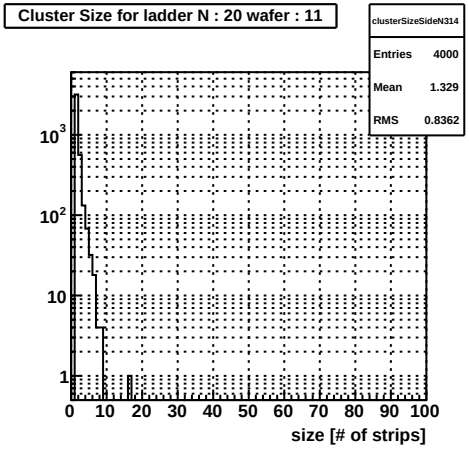

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 11550
Mean 1.189
RMS 0.5475
size [# of strips]

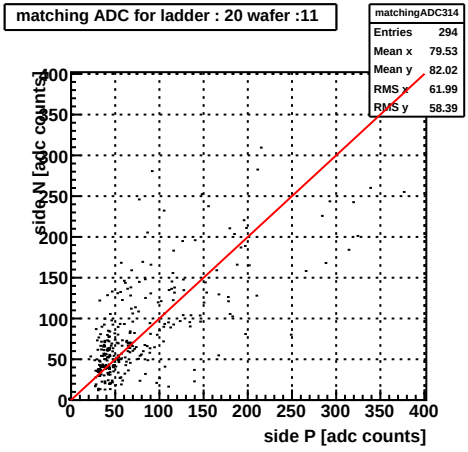

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 390
Mean x 50.57
Mean y 60.44
RMS x 40.47
RMS y 64.21
side N [adc counts]
side P [adc counts]

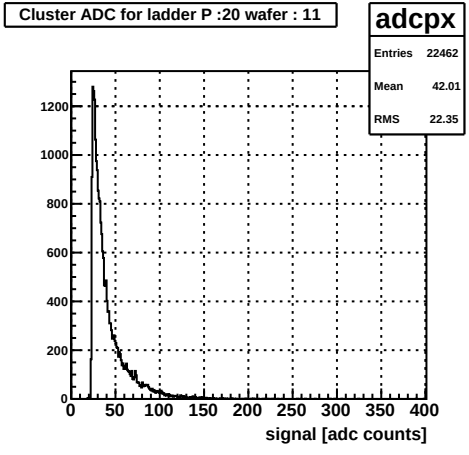

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 24938
Mean 27.65
RMS 11.53
signal [adc counts]

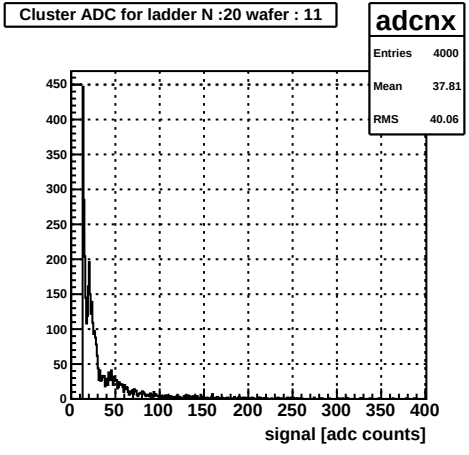

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 11550
Mean 28.17
RMS 29.6
signal [adc counts]

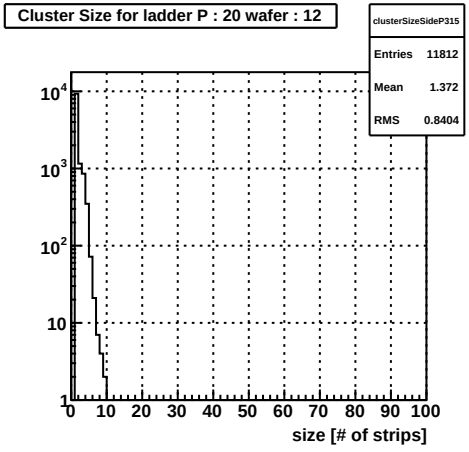

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 22462
Mean 1.148
RMS 0.4073
size [# of strips]

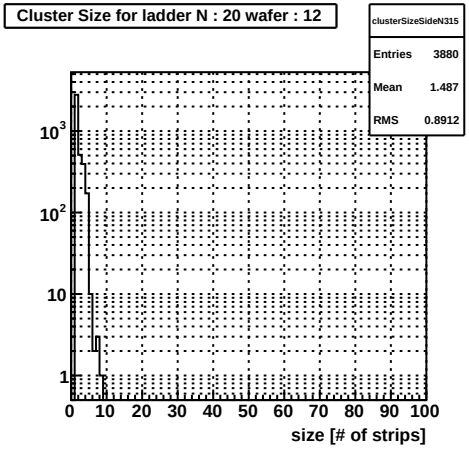

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 4000
Mean 1.329
RMS 0.8362
size [# of strips]

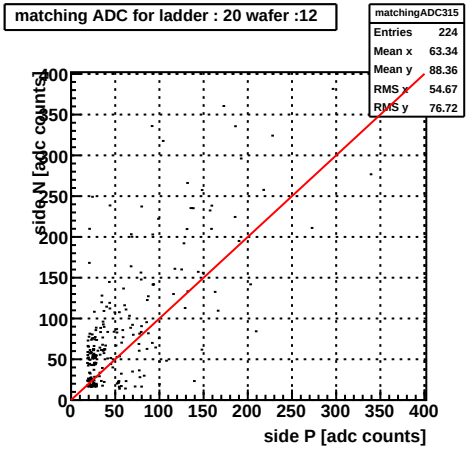

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 294
Mean x 79.53
Mean y 82.02
RMS x 61.99
RMS y 58.39
side N [adc counts]
side P [adc counts]

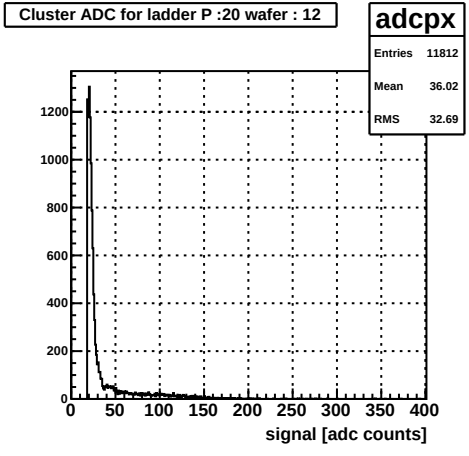

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 22462
Mean 42.01
RMS 22.35
signal [adc counts]

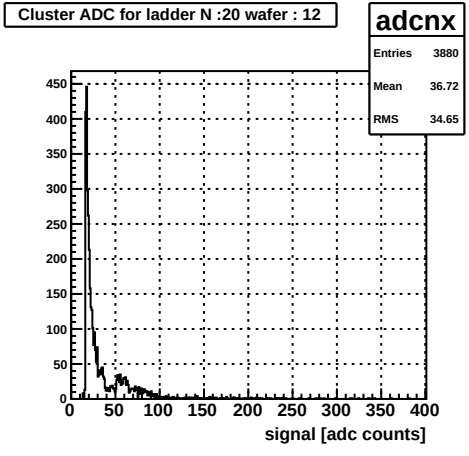

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 4000
Mean 37.81
RMS 40.06
signal [adc counts]

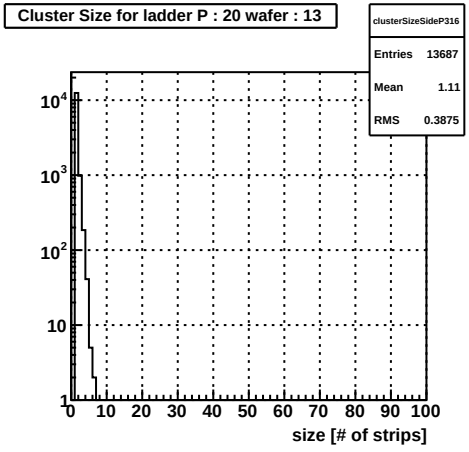

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 11812
Mean 1.372
RMS 0.8404
size [# of strips]

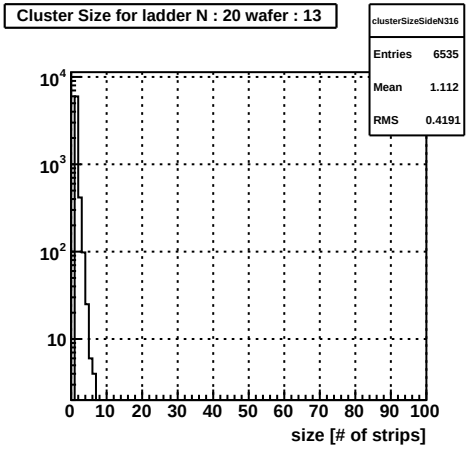

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 3880
Mean 1.487
RMS 0.8912
size [# of strips]

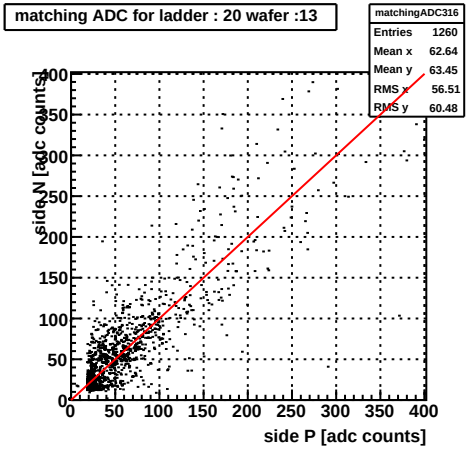

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 224
Mean x 63.34
Mean y 88.36
RMS x 54.67
RMS y 76.72
side N [adc counts]
side P [adc counts]

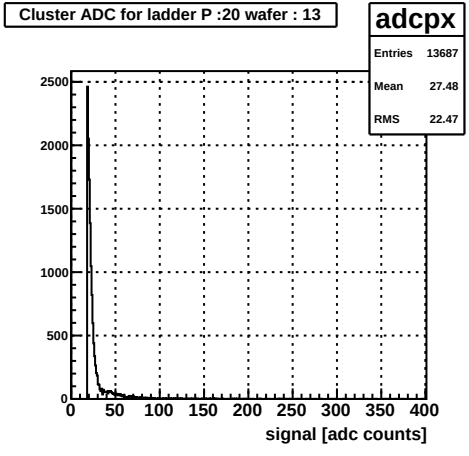

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 11812
Mean 36.02
RMS 32.69
signal [adc counts]

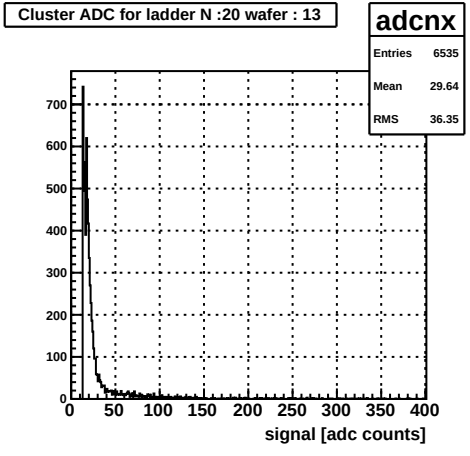

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 3880
Mean 36.72
RMS 34.65
signal [adc counts]

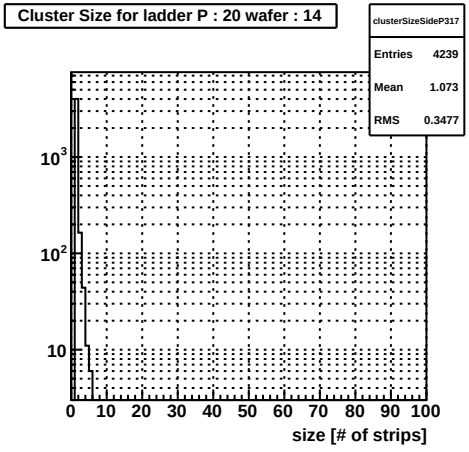

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 13687
Mean 1.11
RMS 0.3875
size [# of strips]

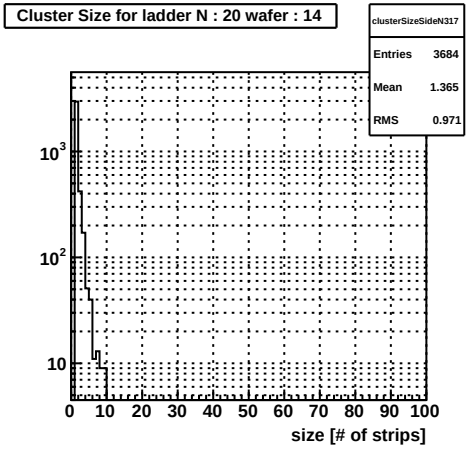

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 6535
Mean 1.112
RMS 0.4191
size [# of strips]

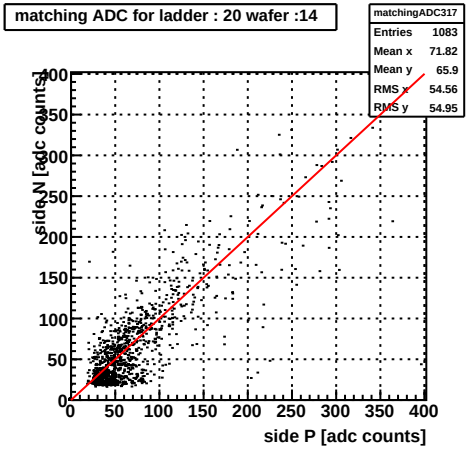

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1260
Mean x 62.64
Mean y 63.45
RMS x 56.51
RMS y 60.48
side N [adc counts]
side P [adc counts]

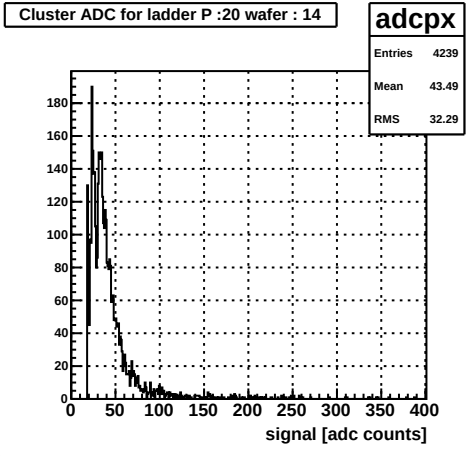

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 13687
Mean 27.48
RMS 22.47
signal [adc counts]

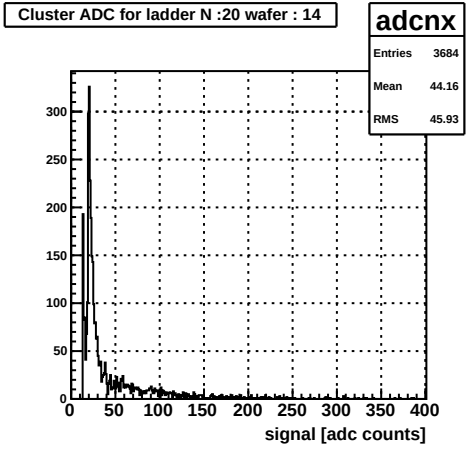

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 6535
Mean 29.64
RMS 36.35
signal [adc counts]

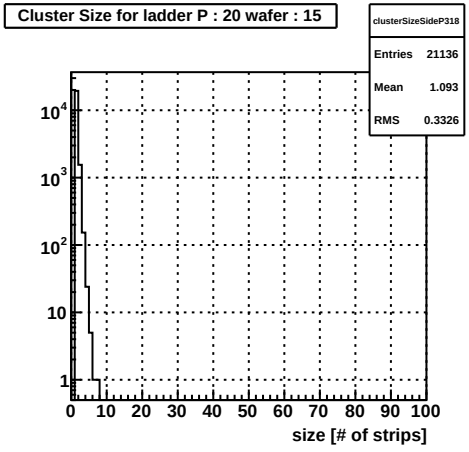

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 4239
Mean 1.073
RMS 0.3477
size [# of strips]

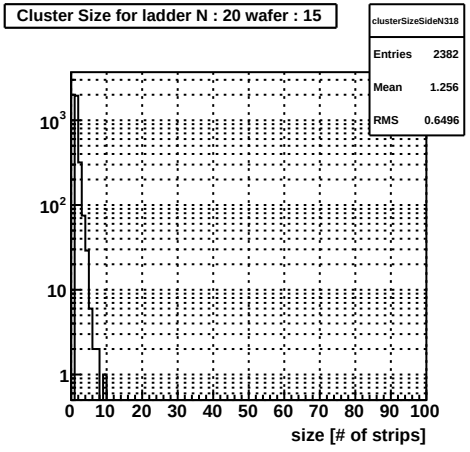

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3684
Mean 1.365
RMS 0.971
size [# of strips]

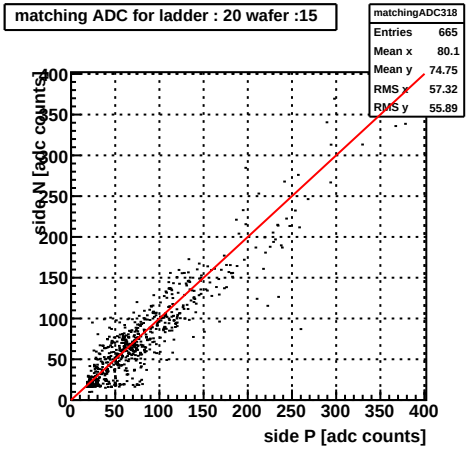

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1083
Mean x 71.82
Mean y 65.9
RMS x 54.56
RMS y 54.95
side N [adc counts]
side P [adc counts]

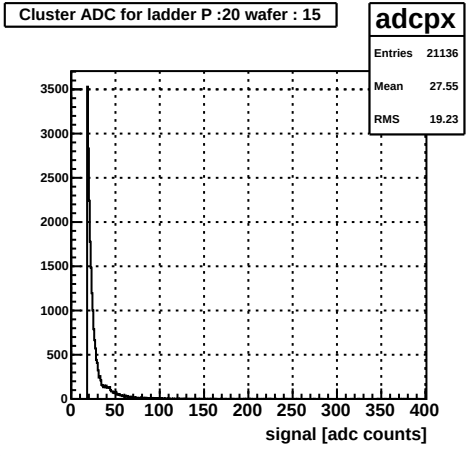

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 4239
Mean 43.49
RMS 32.29
signal [adc counts]

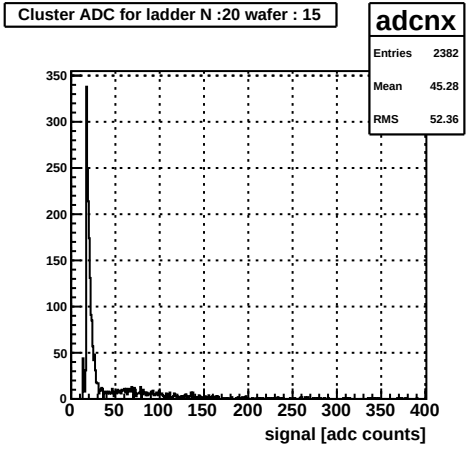

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3684
Mean 44.16
RMS 45.93
signal [adc counts]

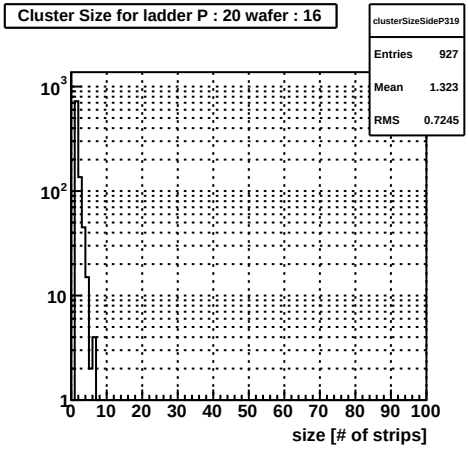

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 21136
Mean 1.093
RMS 0.3326
size [# of strips]

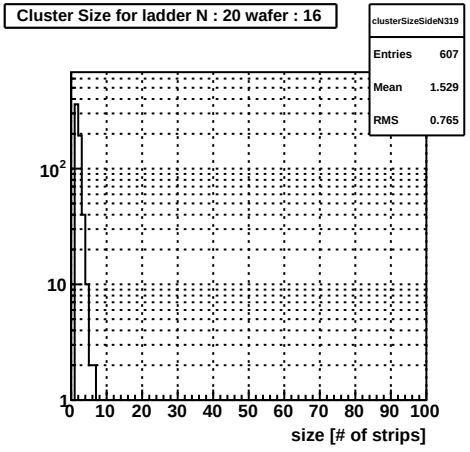

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2382
Mean 1.256
RMS 0.6496
size [# of strips]

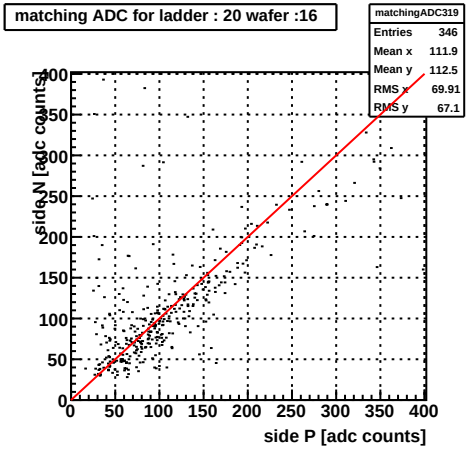

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 665
Mean x 80.1
Mean y 74.75
RMS x 57.32
RMS y 55.89
side N [adc counts]
side P [adc counts]

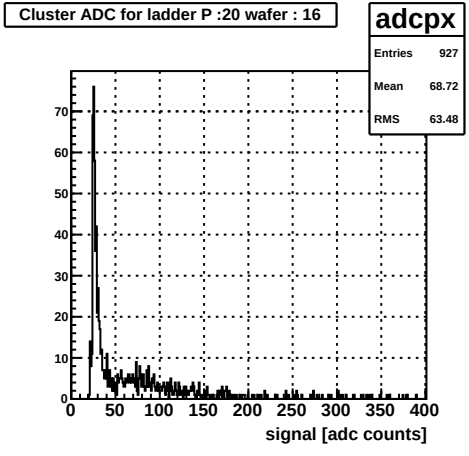

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 21136
Mean 27.55
RMS 19.23
signal [adc counts]

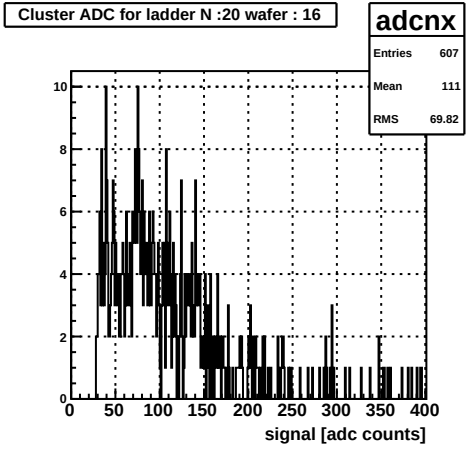

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2382
Mean 45.28
RMS 52.36
signal [adc counts]

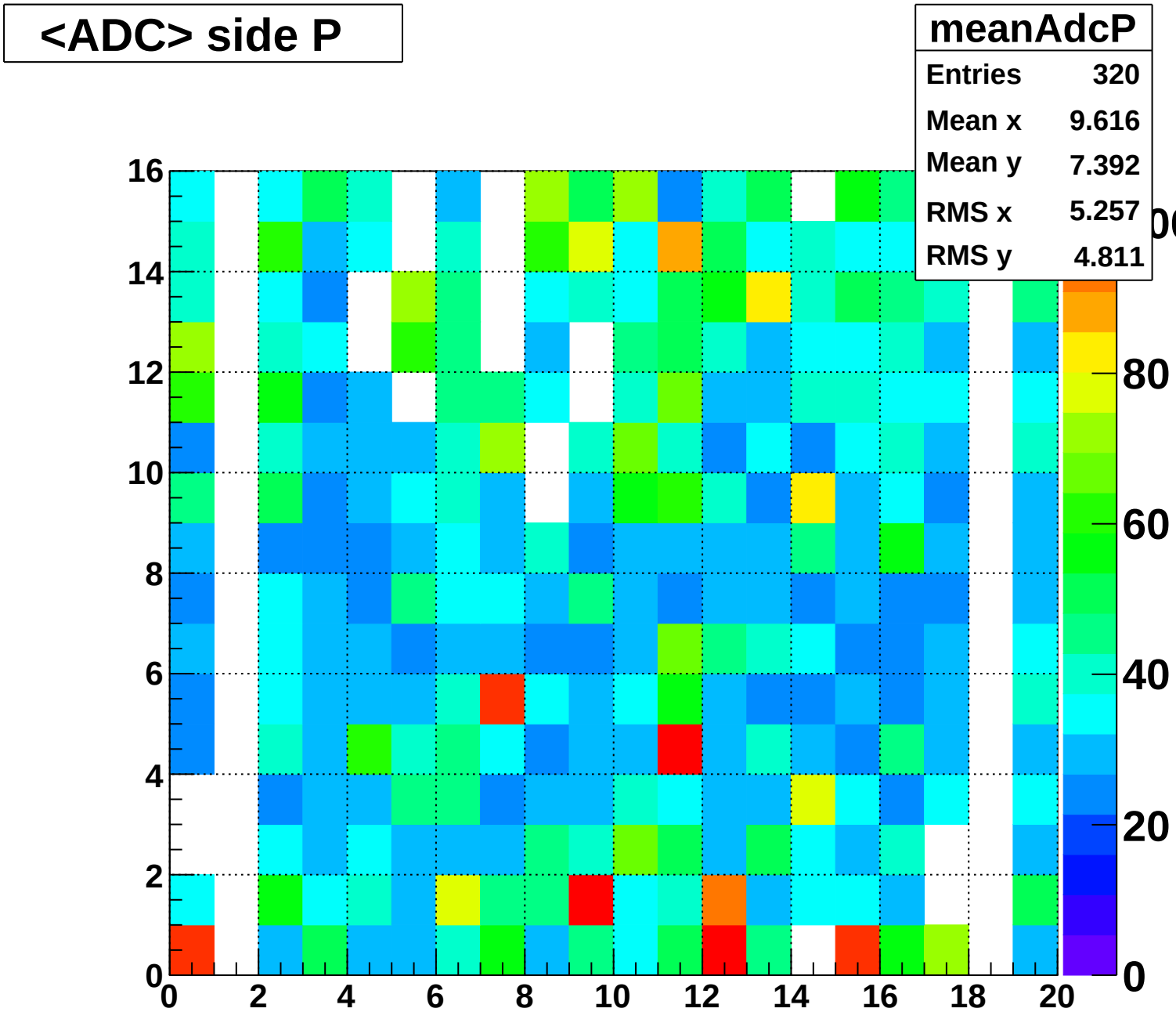

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 927
Mean 1.323
RMS 0.7245
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 607
Mean 1.529
RMS 0.765
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 346
Mean x 111.9
Mean y 112.5
RMS x 69.91
RMS y 67.1
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 927
Mean 68.72
RMS 63.48
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 607
Mean 111
RMS 69.82
signal [adc counts]



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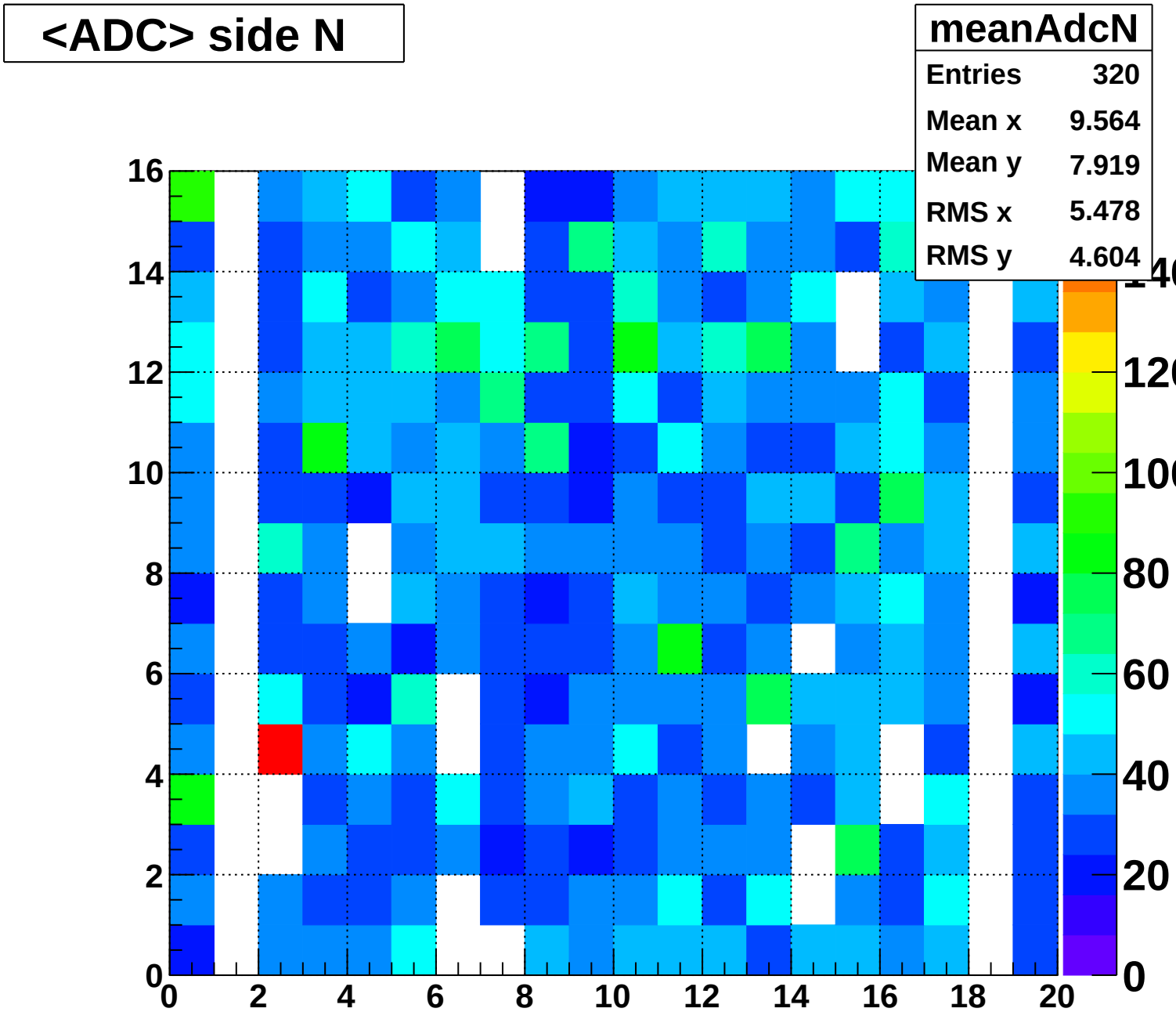

2016-05-21 20:43:50