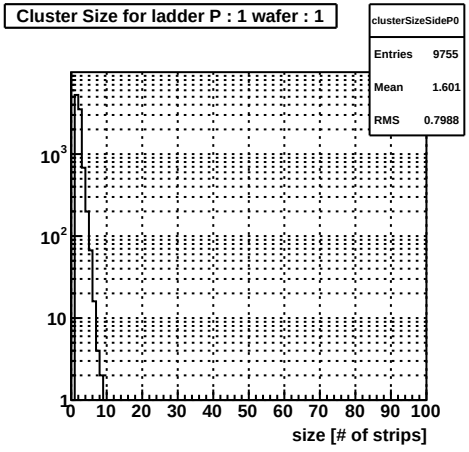
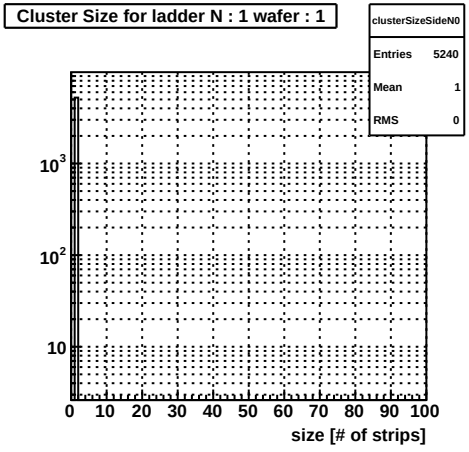
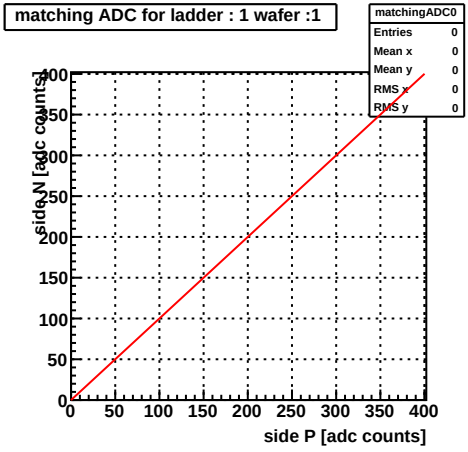
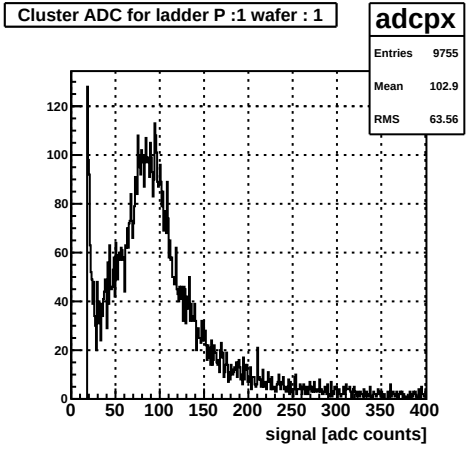
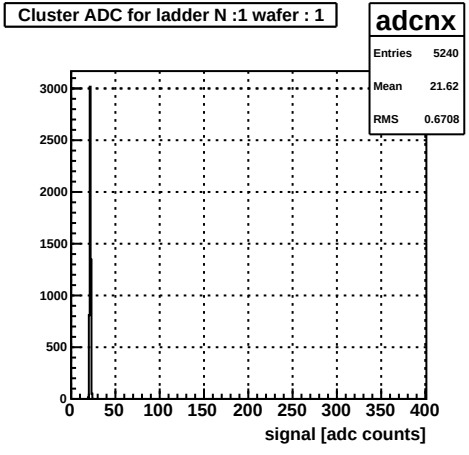
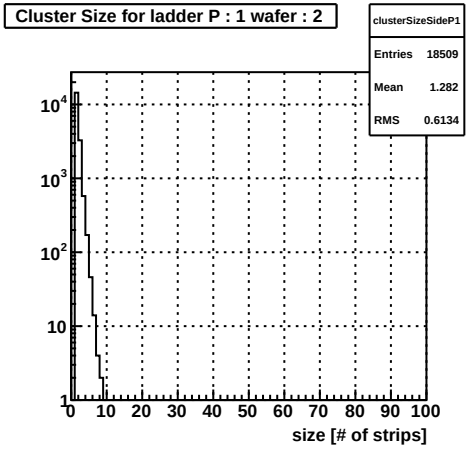

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 9755
Mean 1.601
RMS 0.7988
size [# of strips]

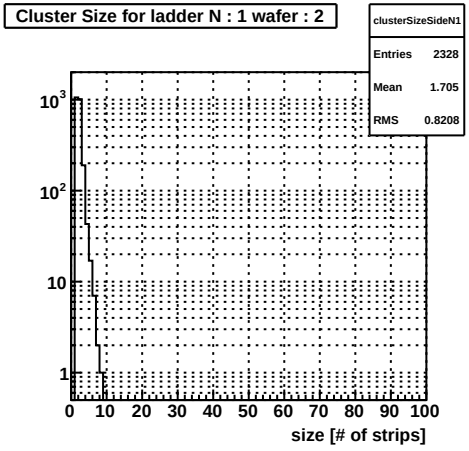

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 5240
Mean 1
RMS 0
size [# of strips]

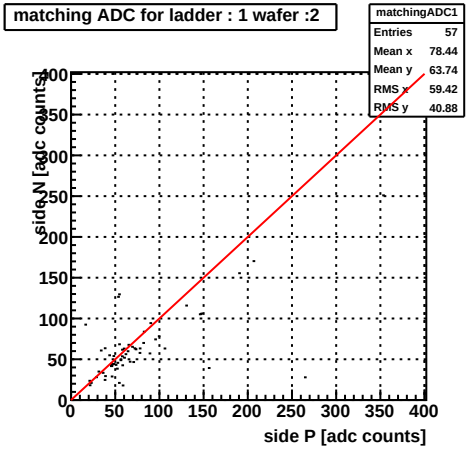

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

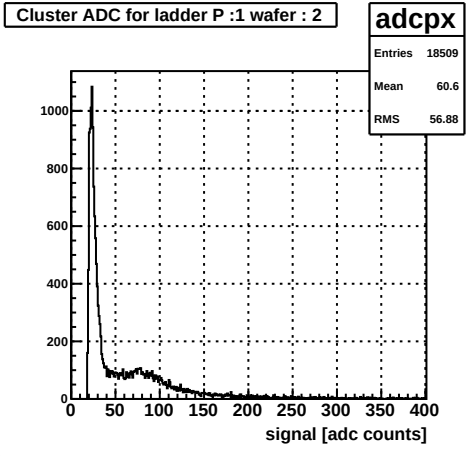

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 9755
Mean 102.9
RMS 63.56
signal [adc counts]

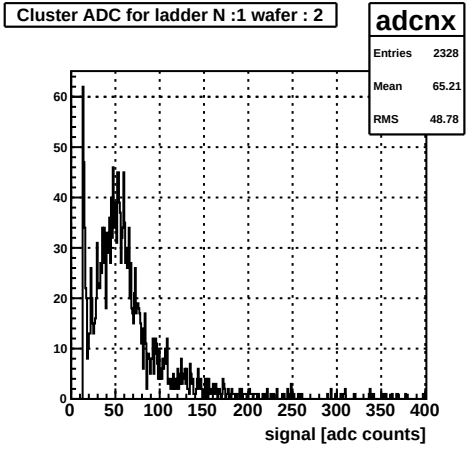

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 5240
Mean 21.62
RMS 0.6708
signal [adc counts]

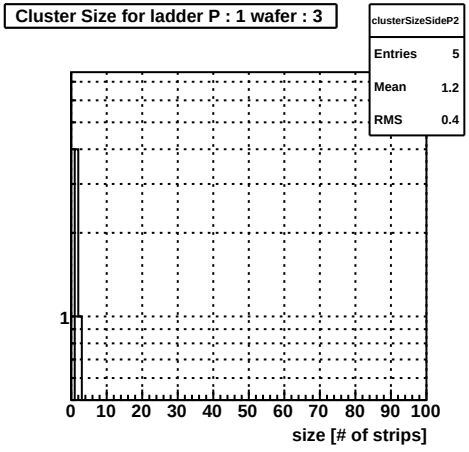

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 18509
Mean 1.282
RMS 0.6134
size [# of strips]

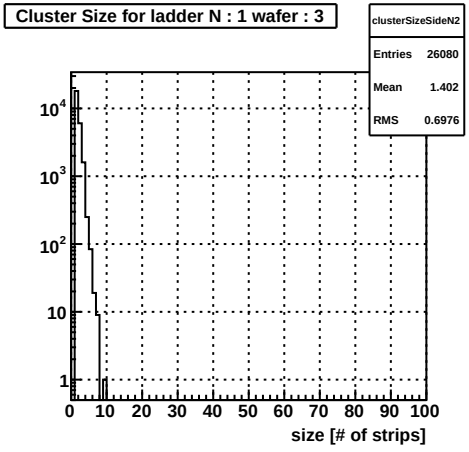

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 2328
Mean 1.705
RMS 0.8208
size [# of strips]

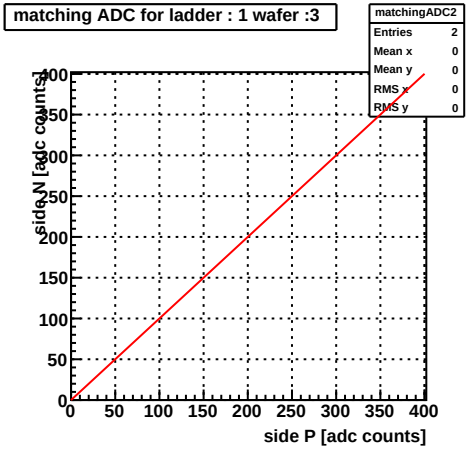

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 57
Mean x 78.44
Mean y 63.74
RMS x 59.42
RMS y 40.88
side N [adc counts]
side P [adc counts]

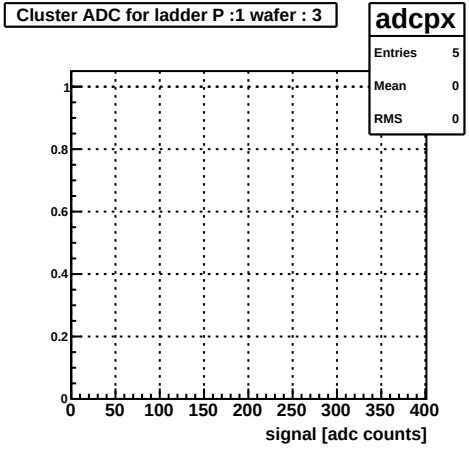

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 18509
Mean 60.6
RMS 56.88
signal [adc counts]

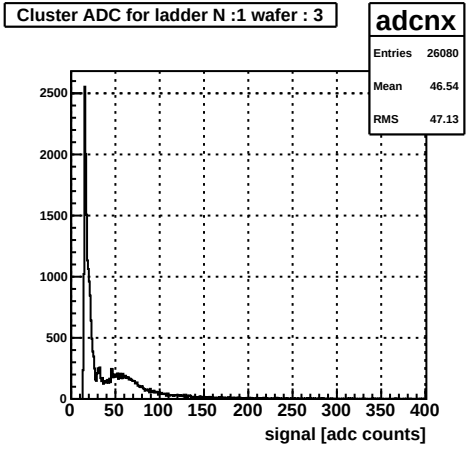

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 2328
Mean 65.21
RMS 48.78
signal [adc counts]

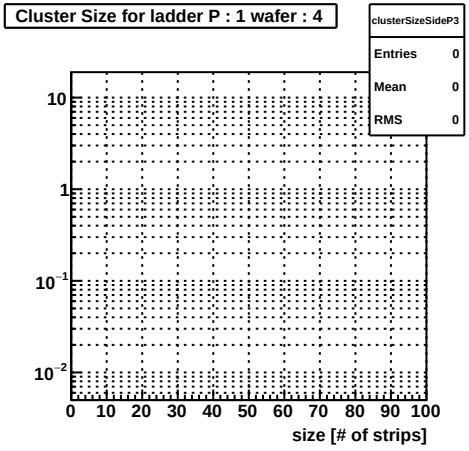

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

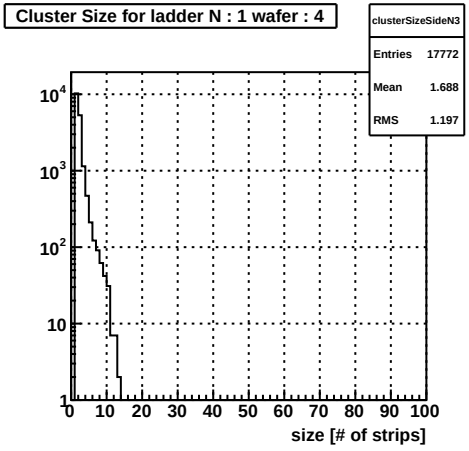

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 26080
Mean 1.402
RMS 0.6976
size [# of strips]

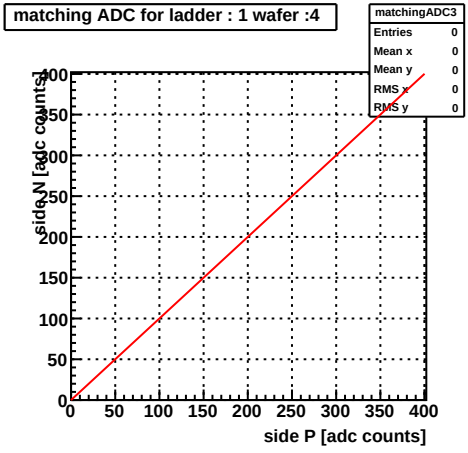

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

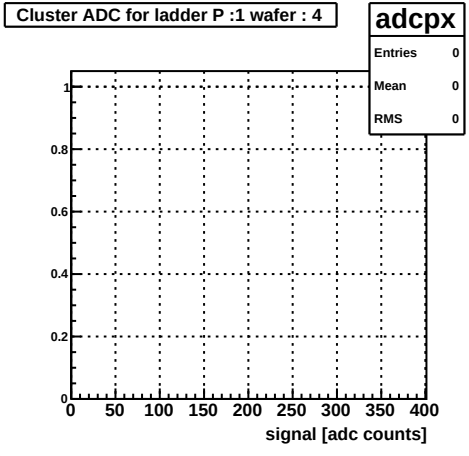

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

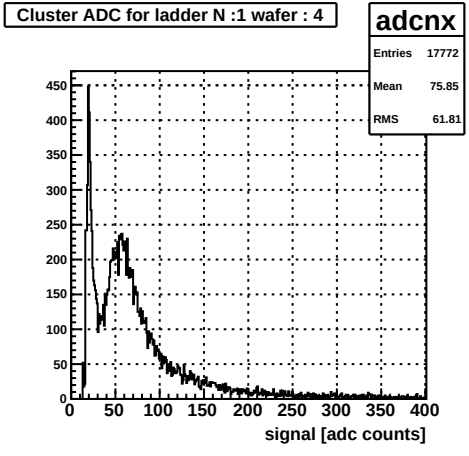

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 26080
Mean 46.54
RMS 47.13
signal [adc counts]

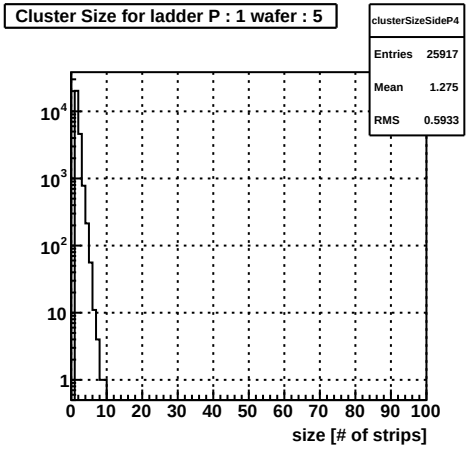

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

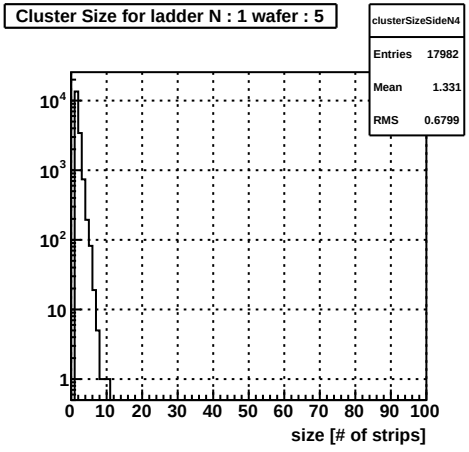

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 17772
Mean 1.688
RMS 1.197
size [# of strips]

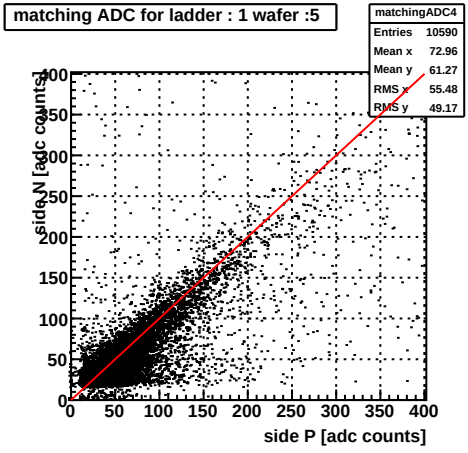

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

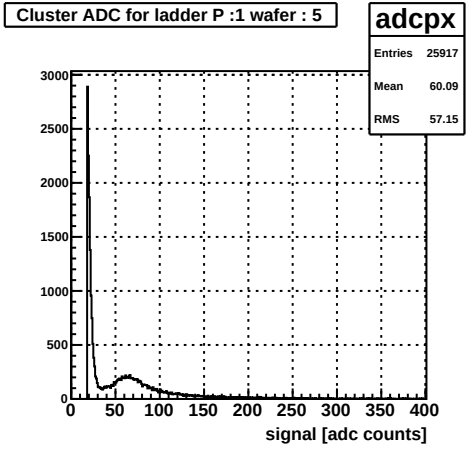

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

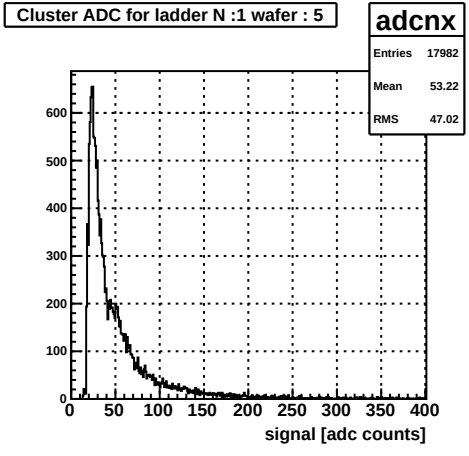

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 17772
Mean 75.85
RMS 61.81
signal [adc counts]

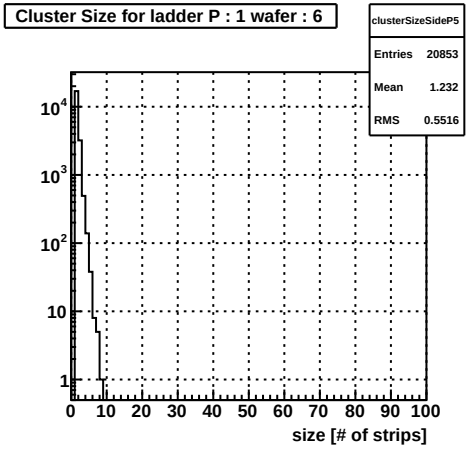

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 25917
Mean 1.275
RMS 0.5933
size [# of strips]

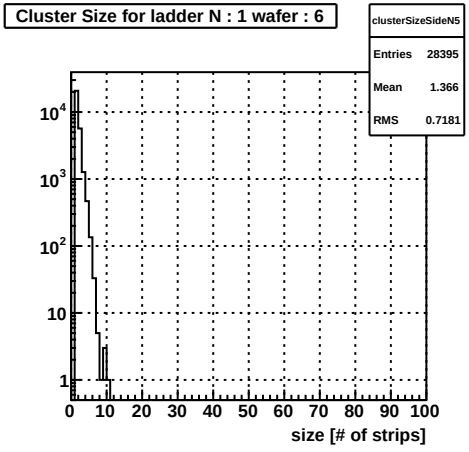

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 17982
Mean 1.331
RMS 0.6799
size [# of strips]

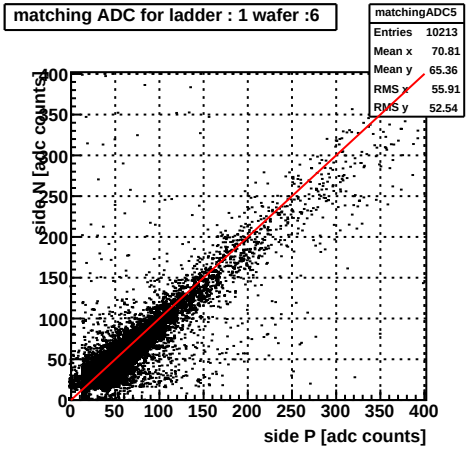

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 10590
Mean x 72.96
Mean y 61.27
RMS x 55.48
RMS y 49.17
side N [adc counts]
side P [adc counts]

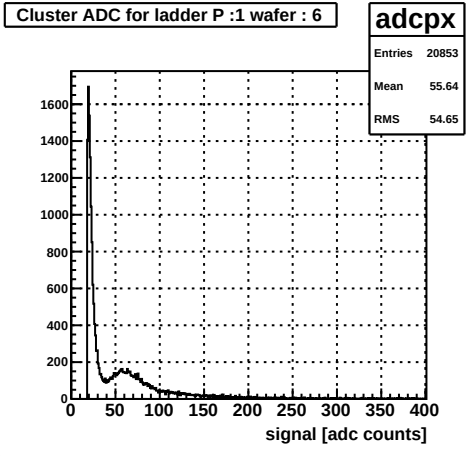

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 25917
Mean 60.09
RMS 57.15
signal [adc counts]

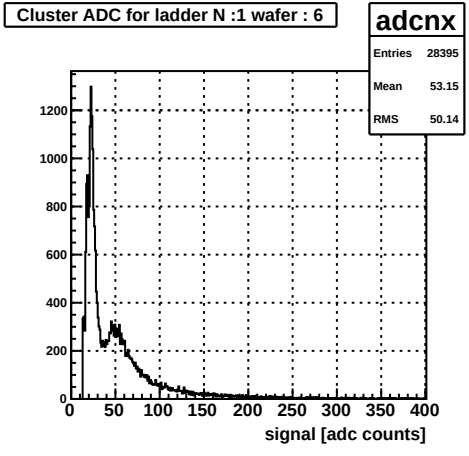

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 17982
Mean 53.22
RMS 47.02
signal [adc counts]

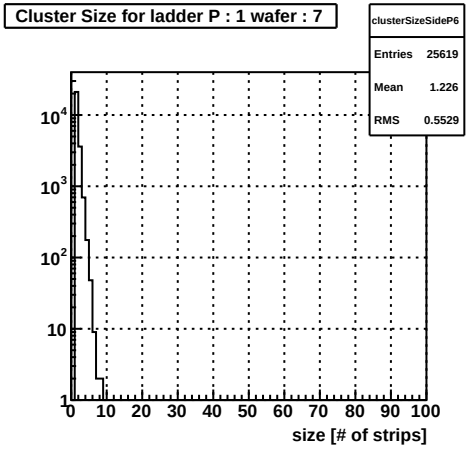

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 20853
Mean 1.232
RMS 0.5516
size [# of strips]

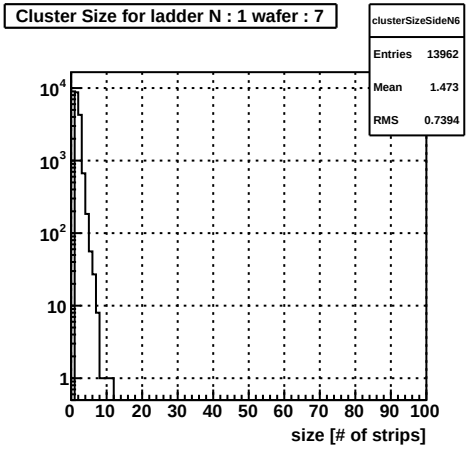

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 28395
Mean 1.366
RMS 0.7181
size [# of strips]

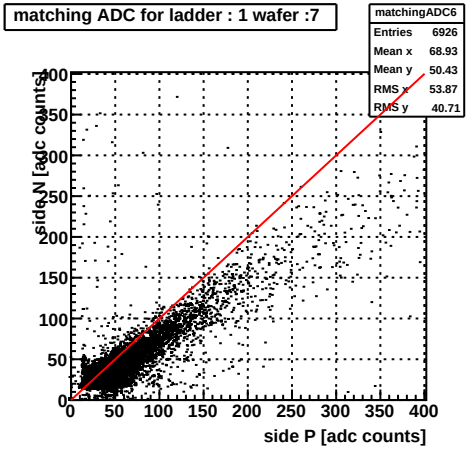

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 10213
Mean x 70.81
Mean y 65.36
RMS x 55.91
RMS y 52.54
side N [adc counts]
side P [adc counts]

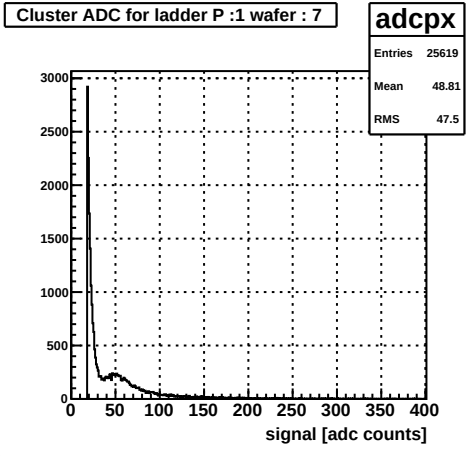

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 20853
Mean 55.64
RMS 54.65
signal [adc counts]

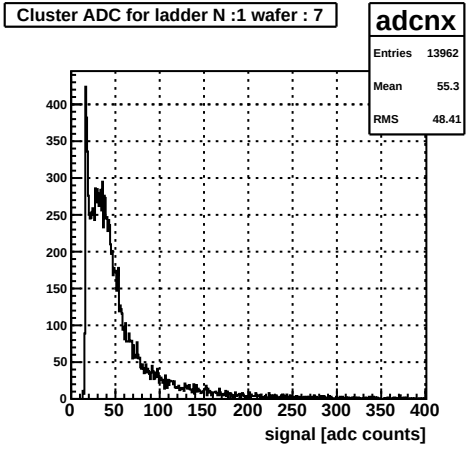

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 28395
Mean 53.15
RMS 50.14
signal [adc counts]

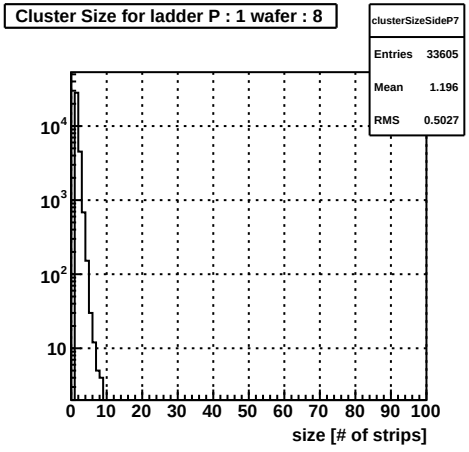

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 25619
Mean 1.226
RMS 0.5529
size [# of strips]

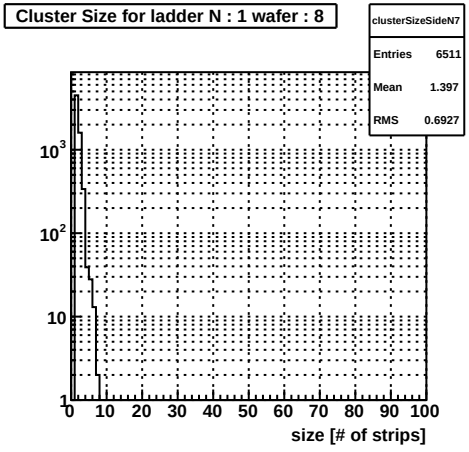

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 13962
Mean 1.473
RMS 0.7394
size [# of strips]

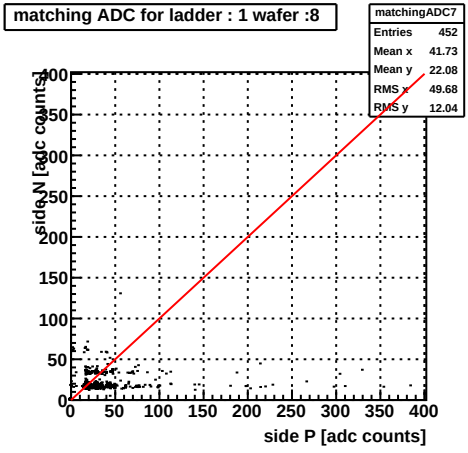

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 6926
Mean x 68.93
Mean y 50.43
RMS x 53.87
RMS y 40.71
side N [adc counts]
side P [adc counts]

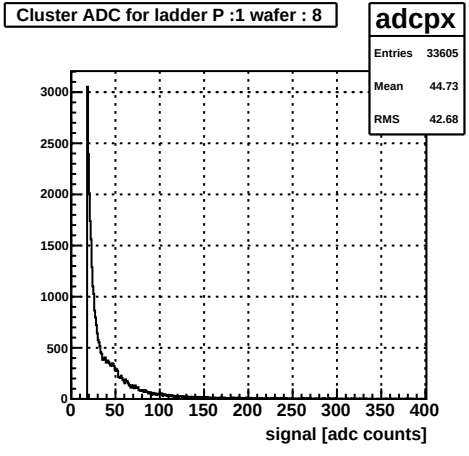

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 25619
Mean 48.81
RMS 47.5
signal [adc counts]

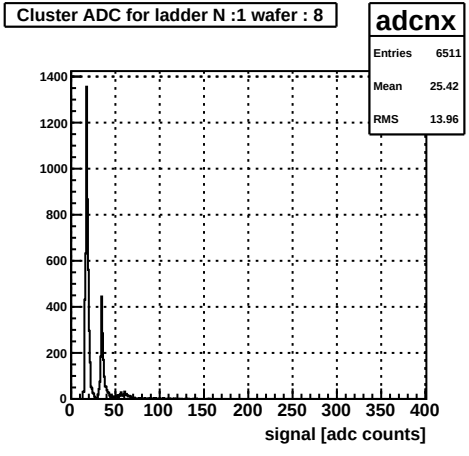

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 13962
Mean 55.3
RMS 48.41
signal [adc counts]

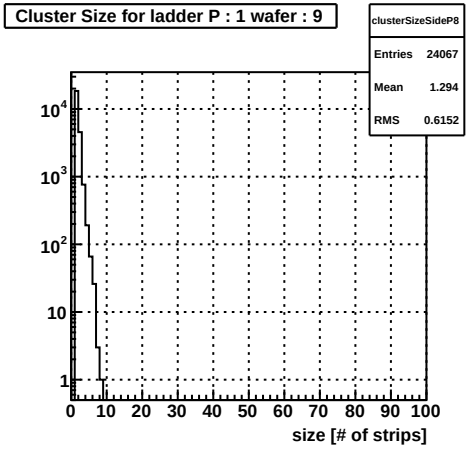

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 33605
Mean 1.196
RMS 0.5027
size [# of strips]

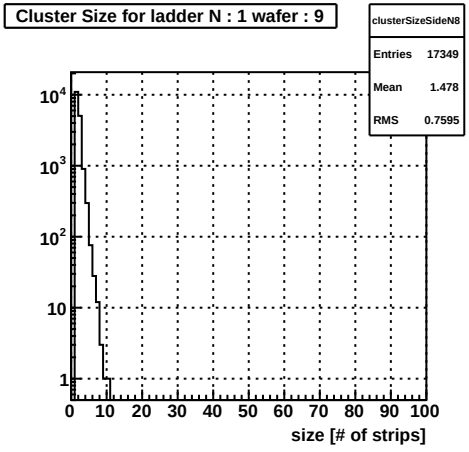

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 6511
Mean 1.397
RMS 0.6927
size [# of strips]

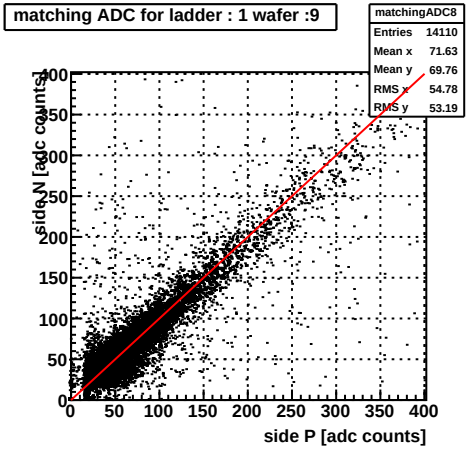

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 452
Mean x 41.73
Mean y 22.08
RMS x 49.68
RMS y 12.04
side N [adc counts]
side P [adc counts]

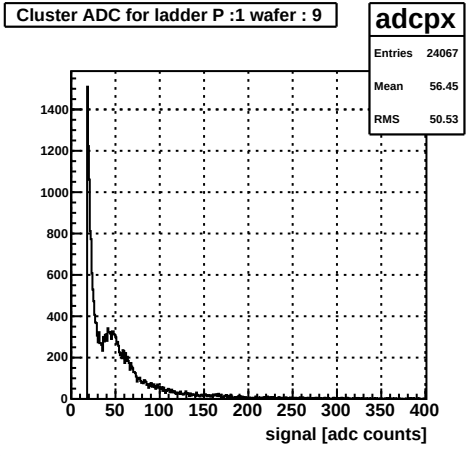

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 33605
Mean 44.73
RMS 42.68
signal [adc counts]

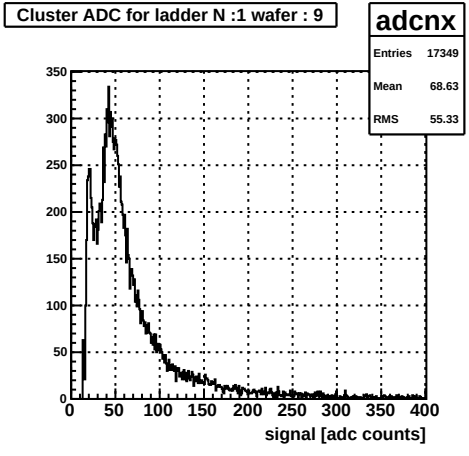

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 6511
Mean 25.42
RMS 13.96
signal [adc counts]

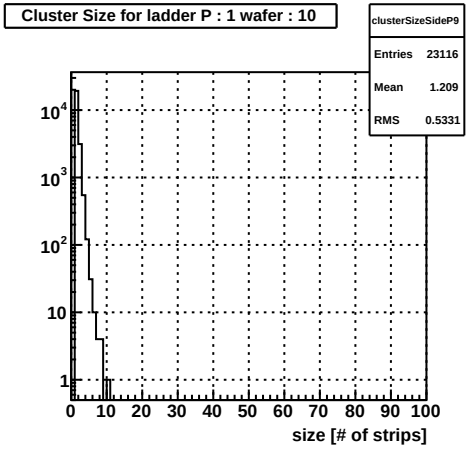

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 24067
Mean 1.294
RMS 0.6152
size [# of strips]

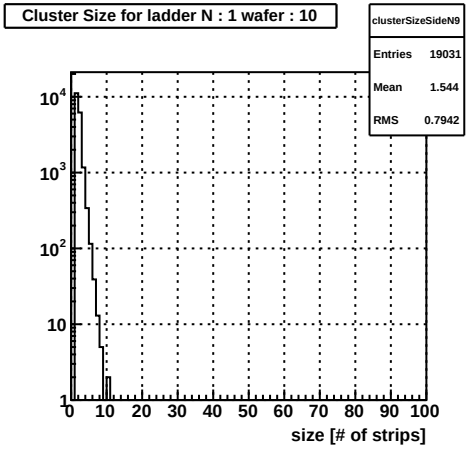

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 17349
Mean 1.478
RMS 0.7595
size [# of strips]

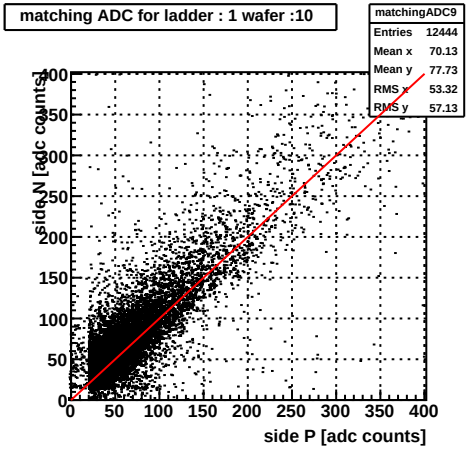

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 14110
Mean x 71.63
Mean y 69.76
RMS x 54.78
RMS y 53.19
side N [adc counts]
side P [adc counts]

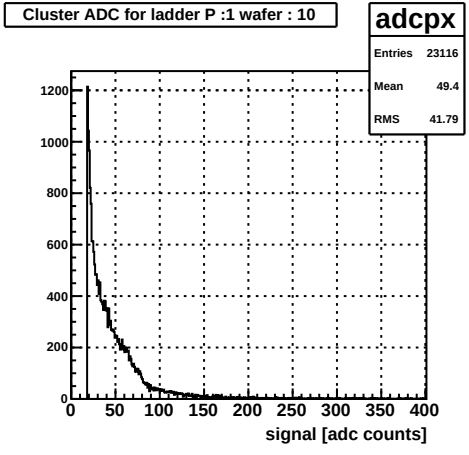

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 24067
Mean 56.45
RMS 50.53
signal [adc counts]

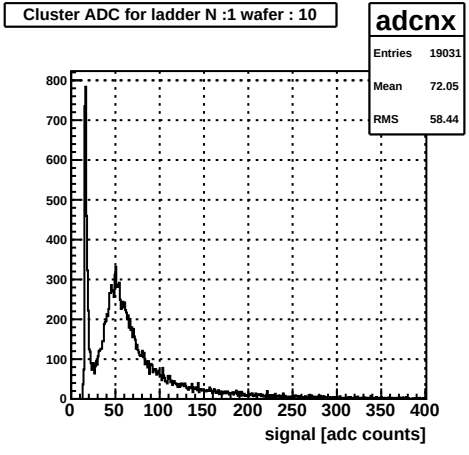

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 17349
Mean 68.63
RMS 55.33
signal [adc counts]

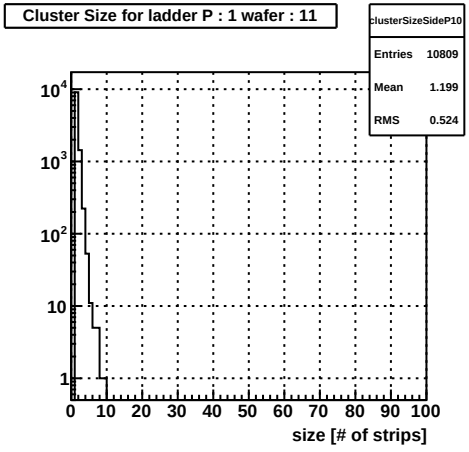

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 23116
Mean 1.209
RMS 0.5331
size [# of strips]

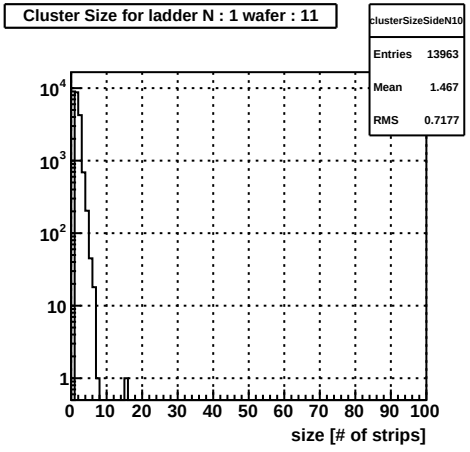

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 19031
Mean 1.544
RMS 0.7942
size [# of strips]

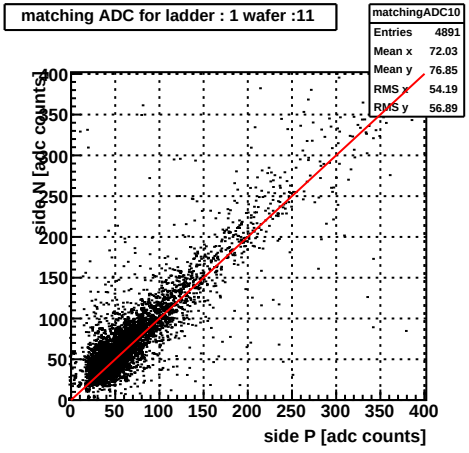

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 12444
Mean x 70.13
Mean y 77.73
RMS x 53.32
RMS y 57.13
side N [adc counts]
side P [adc counts]

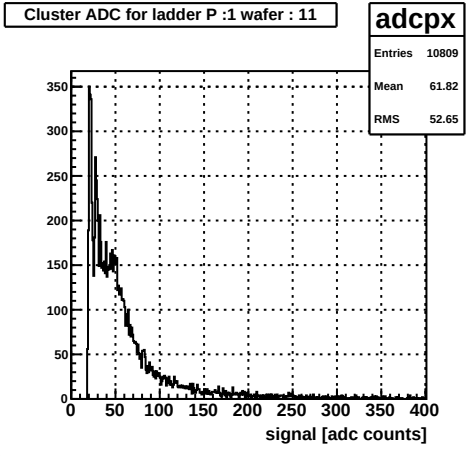

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 23116
Mean 49.4
RMS 41.79
signal [adc counts]

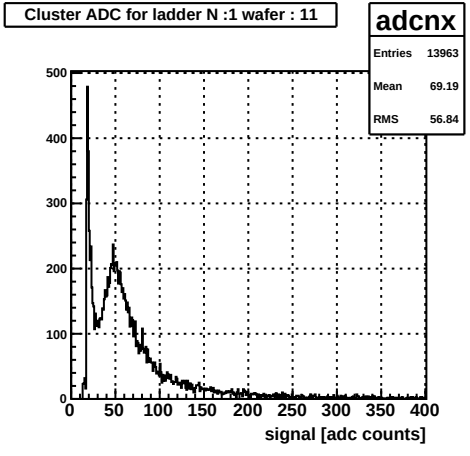

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 19031
Mean 72.05
RMS 58.44
signal [adc counts]

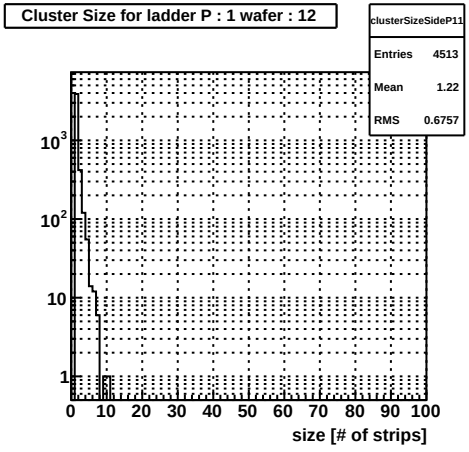

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 10809
Mean 1.199
RMS 0.524
size [# of strips]

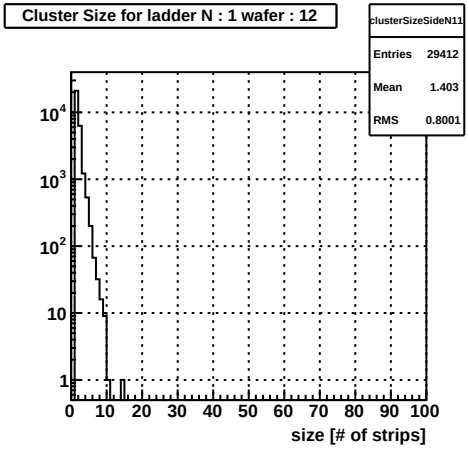

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 13963
Mean 1.467
RMS 0.7177
size [# of strips]

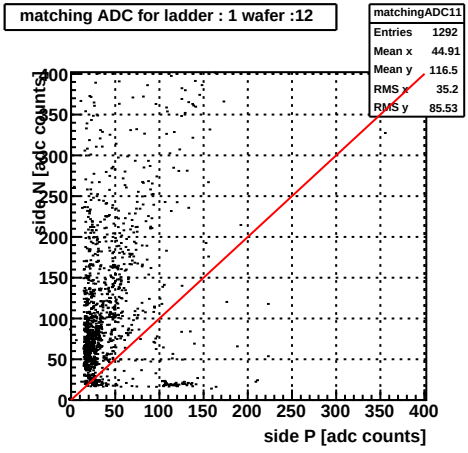

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4891
Mean x 72.03
Mean y 76.85
RMS x 54.19
RMS y 56.89
side N [adc counts]
side P [adc counts]

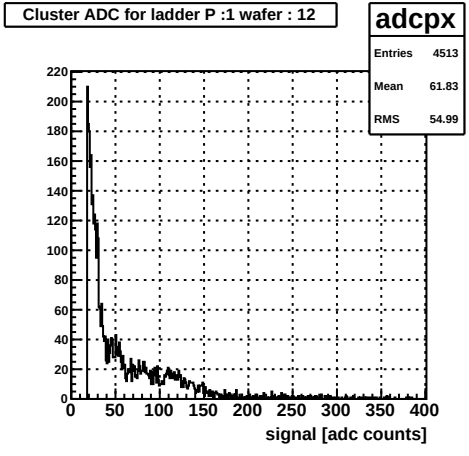

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 10809
Mean 61.82
RMS 52.65
signal [adc counts]

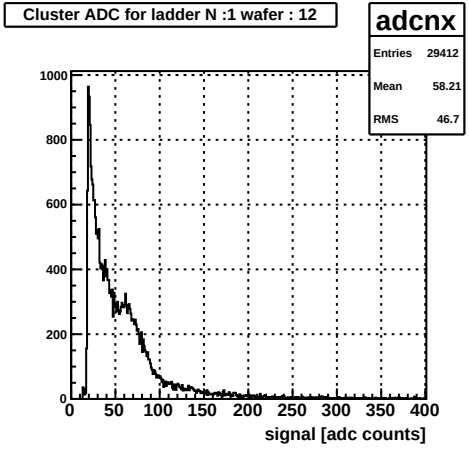

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 13963
Mean 69.19
RMS 56.84
signal [adc counts]

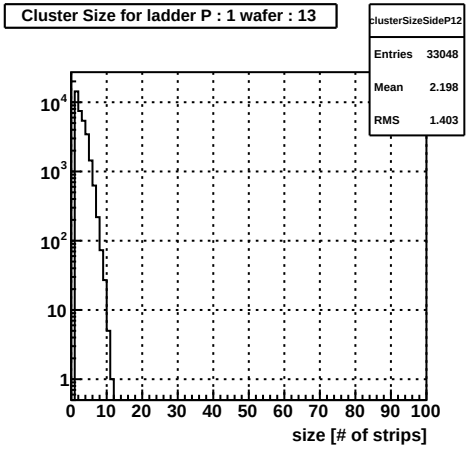

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4513
Mean 1.22
RMS 0.6757
size [# of strips]

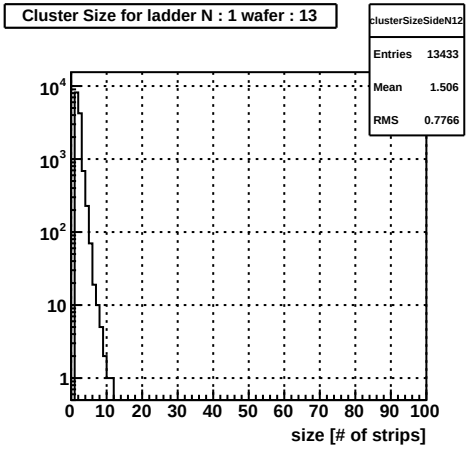

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 29412
Mean 1.403
RMS 0.8001
size [# of strips]

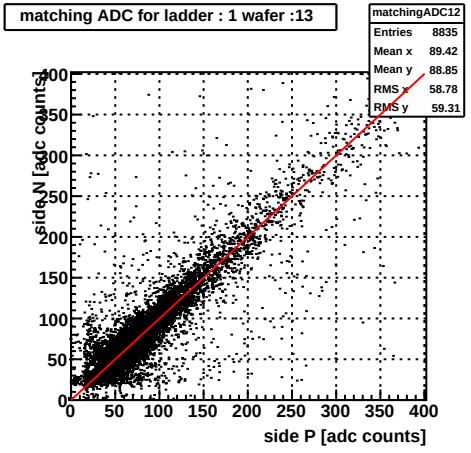

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1292
Mean x 44.91
Mean y 116.5
RMS x 35.2
RMS y 85.53
side N [adc counts]
side P [adc counts]

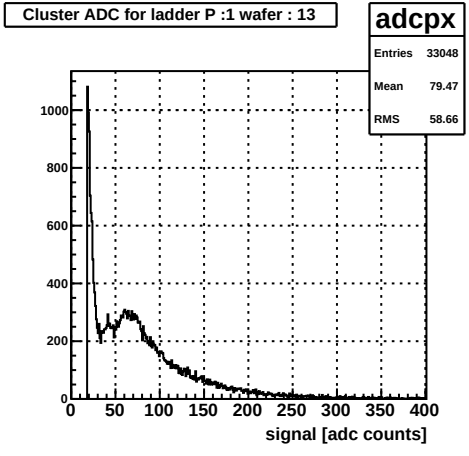

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4513
Mean 61.83
RMS 54.99
signal [adc counts]

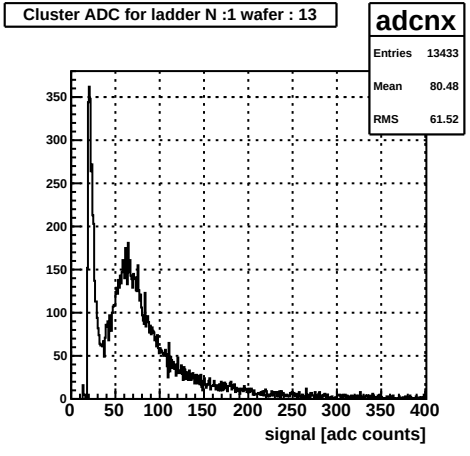

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 29412
Mean 58.21
RMS 46.7
signal [adc counts]

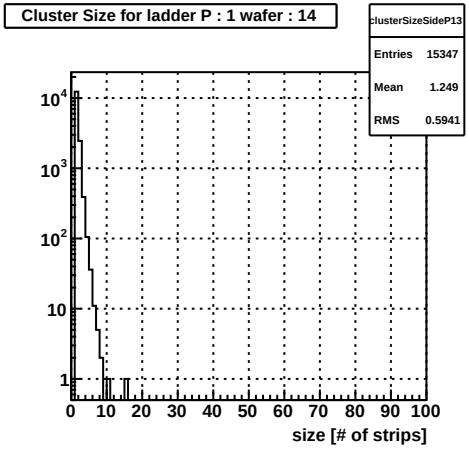

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 33048
Mean 2.198
RMS 1.403
size [# of strips]

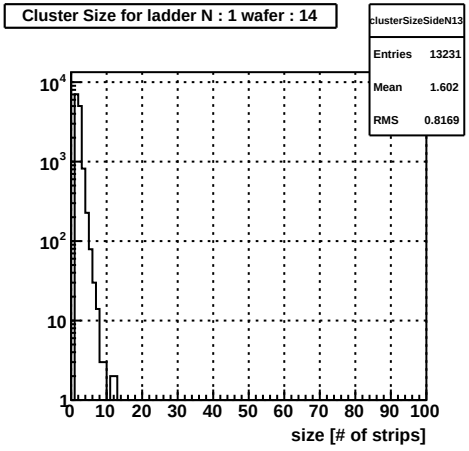

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 13433
Mean 1.506
RMS 0.7766
size [# of strips]

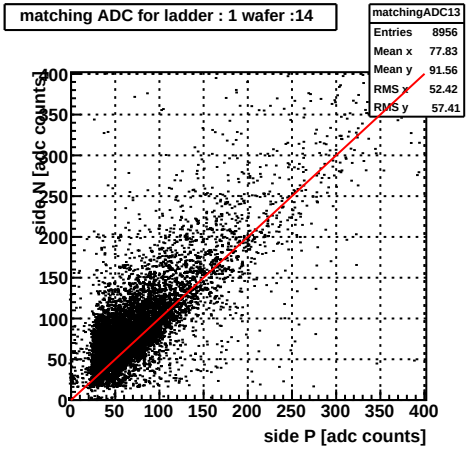

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8835
Mean x 89.42
Mean y 88.85
RMS x 58.78
RMS y 59.31
side N [adc counts]
side P [adc counts]

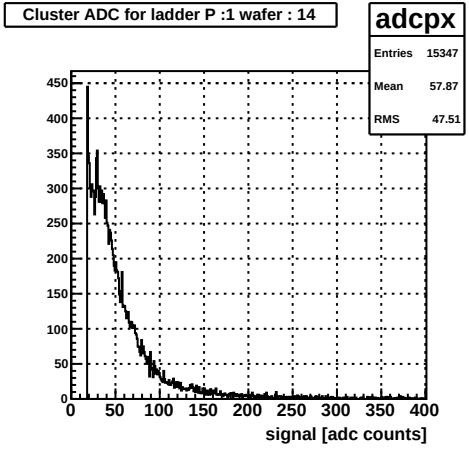

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 33048
Mean 79.47
RMS 58.66
signal [adc counts]

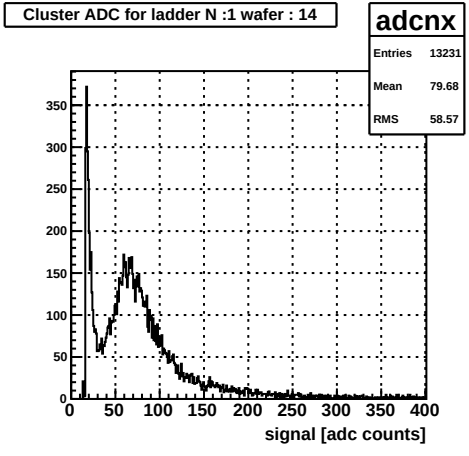

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 13433
Mean 80.48
RMS 61.52
signal [adc counts]

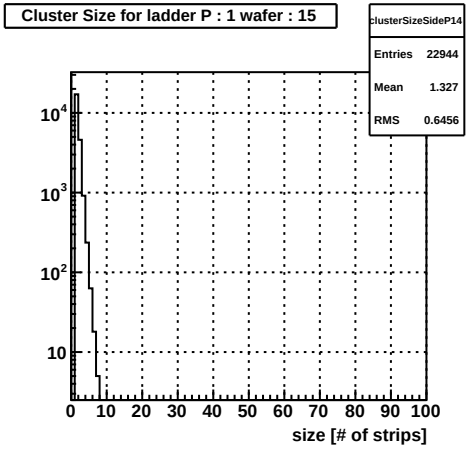

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 15347
Mean 1.249
RMS 0.5941
size [# of strips]

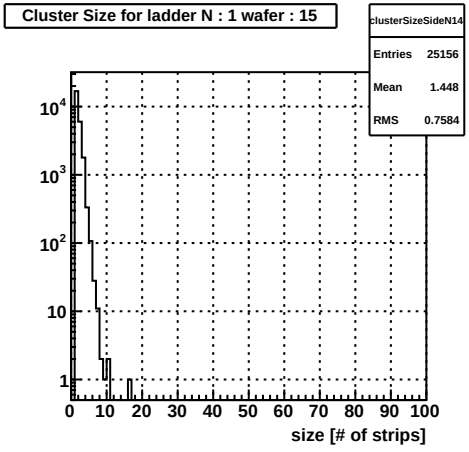

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 13231
Mean 1.602
RMS 0.8169
size [# of strips]

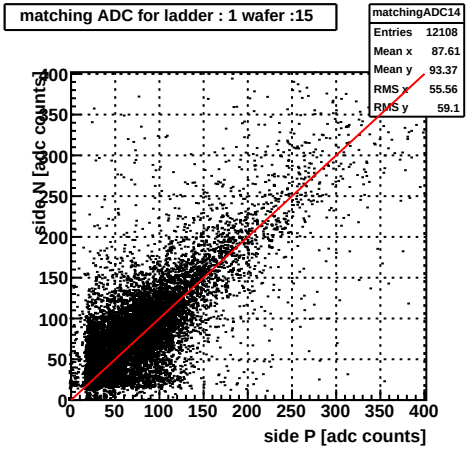

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 8956
Mean x 77.83
Mean y 91.56
RMS x 52.42
RMS y 57.41
side N [adc counts]
side P [adc counts]

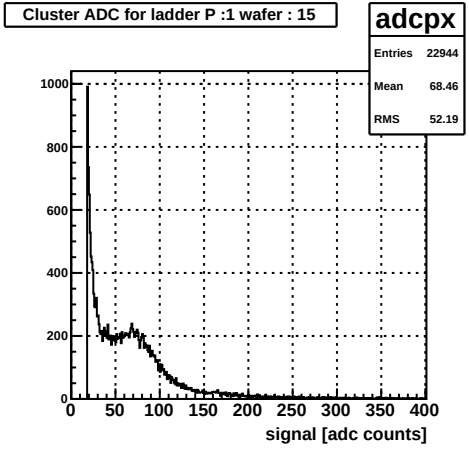

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 15347
Mean 57.87
RMS 47.51
signal [adc counts]

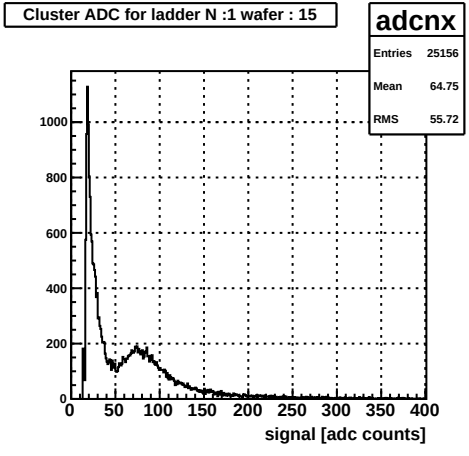

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 13231
Mean 79.68
RMS 58.57
signal [adc counts]

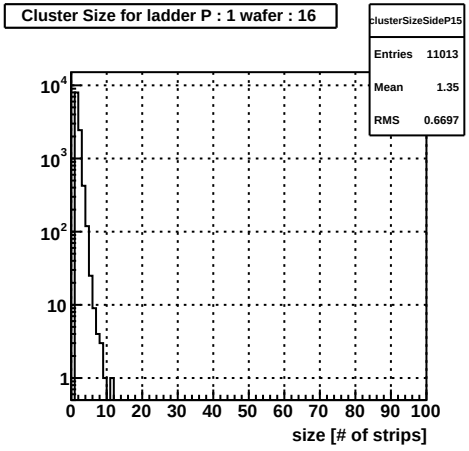

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 22944
Mean 1.327
RMS 0.6456
size [# of strips]

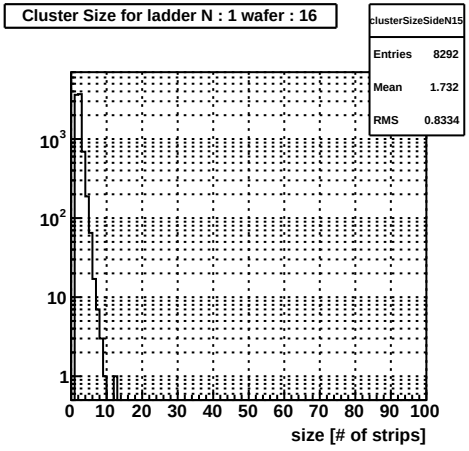

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 25156
Mean 1.448
RMS 0.7584
size [# of strips]

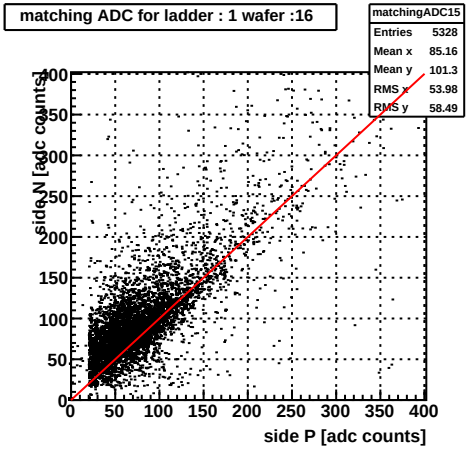

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 12108
Mean x 87.61
Mean y 93.37
RMS x 55.56
RMS y 59.1
side N [adc counts]
side P [adc counts]

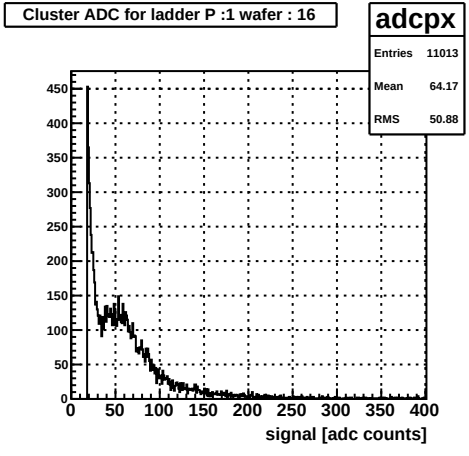

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 22944
Mean 68.46
RMS 52.19
signal [adc counts]

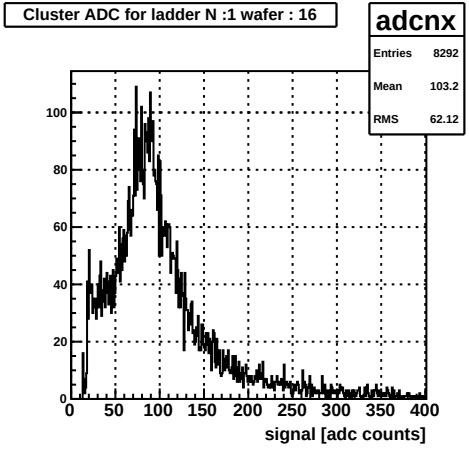

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 25156
Mean 64.75
RMS 55.72
signal [adc counts]

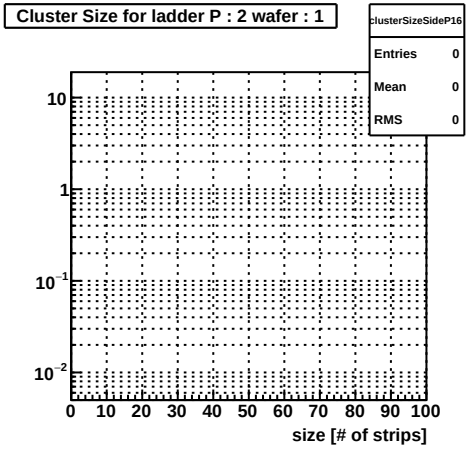

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 11013
Mean 1.35
RMS 0.6697
size [# of strips]

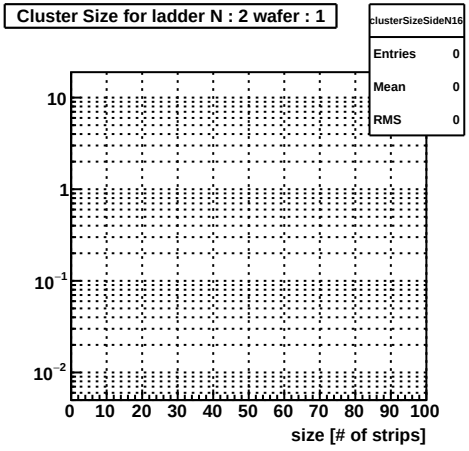

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 8292
Mean 1.732
RMS 0.8334
size [# of strips]

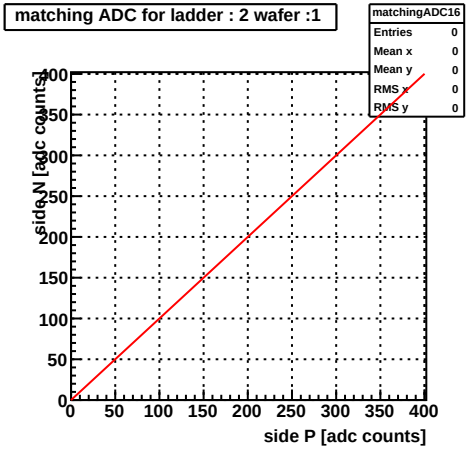

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 5328
Mean x 85.16
Mean y 101.3
RMS x 53.98
RMS y 58.49
side N [adc counts]
side P [adc counts]

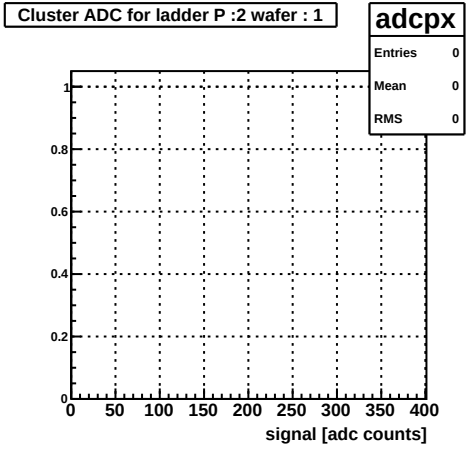

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 11013
Mean 64.17
RMS 50.88
signal [adc counts]

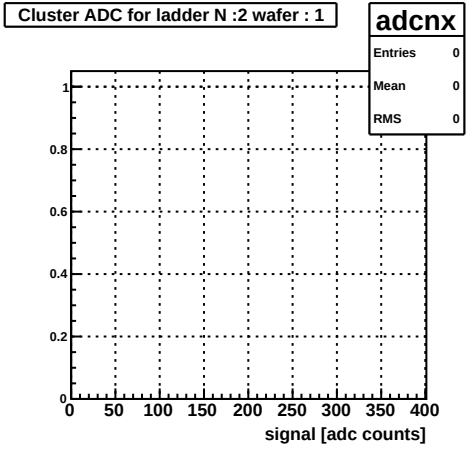

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 8292
Mean 103.2
RMS 62.12
signal [adc counts]

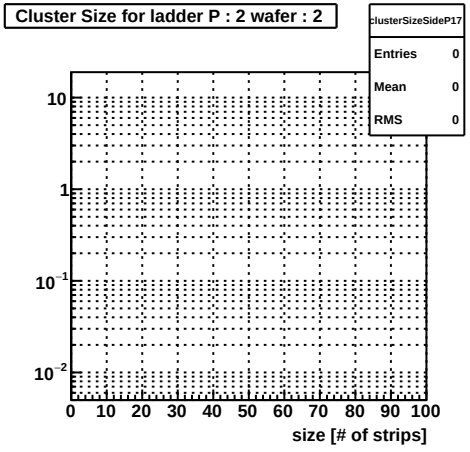

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

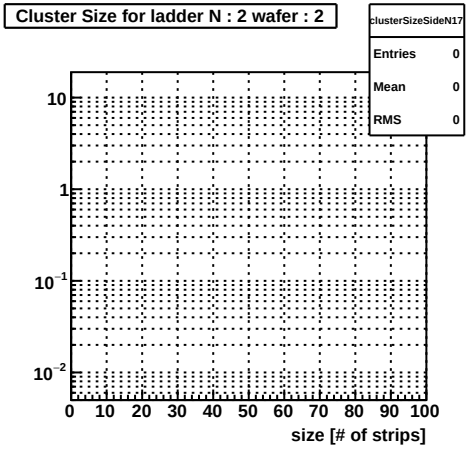

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

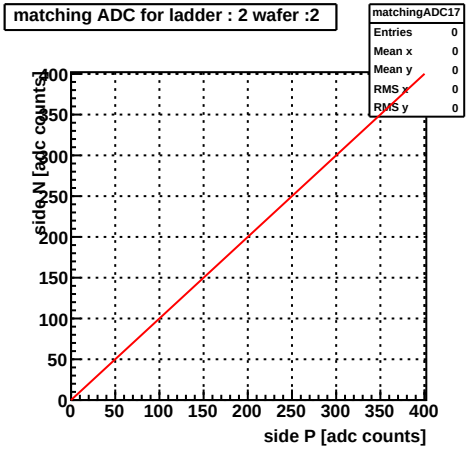

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

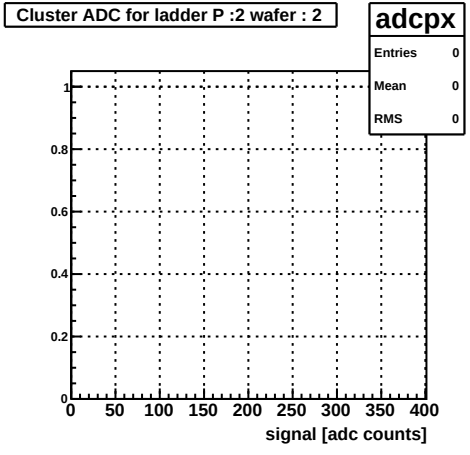

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

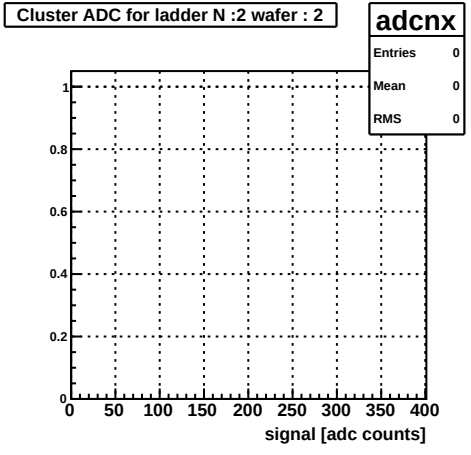

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

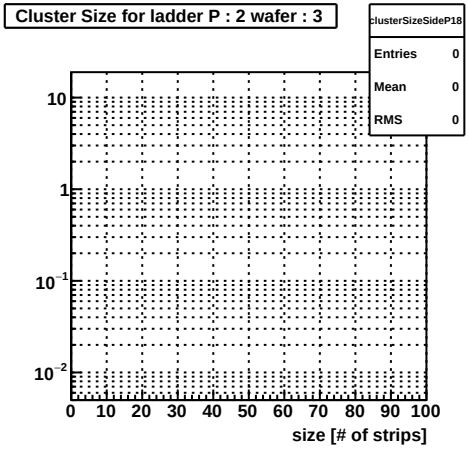

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

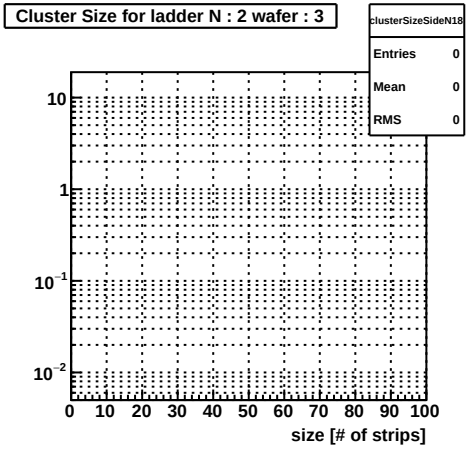

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

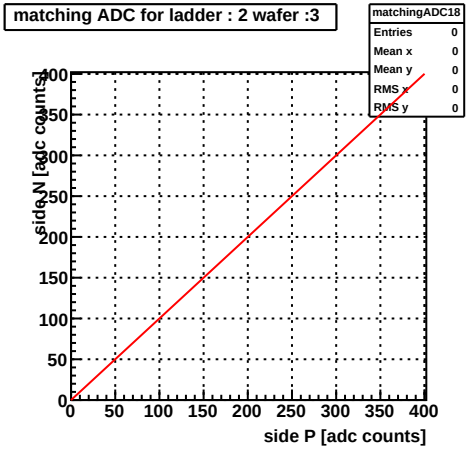

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

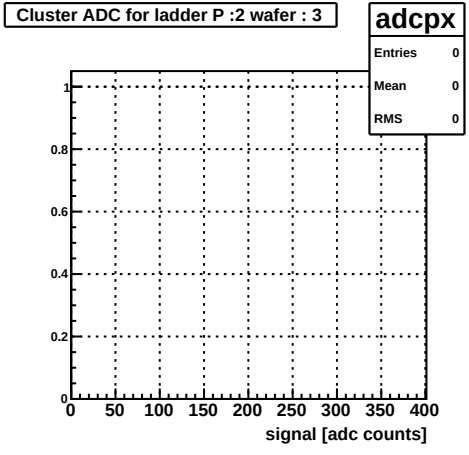

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

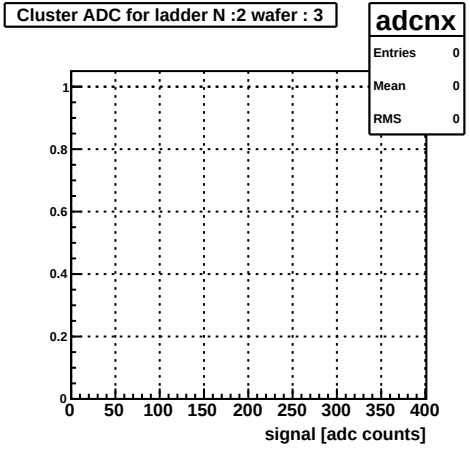

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

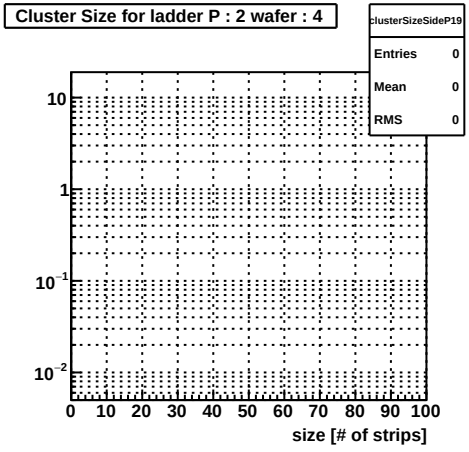

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

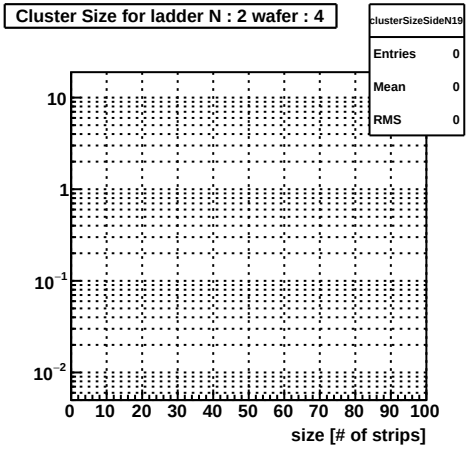

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

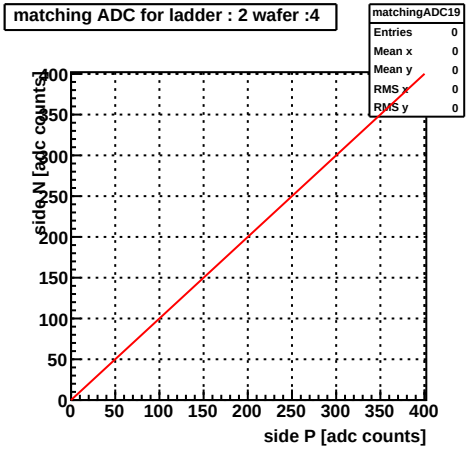

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

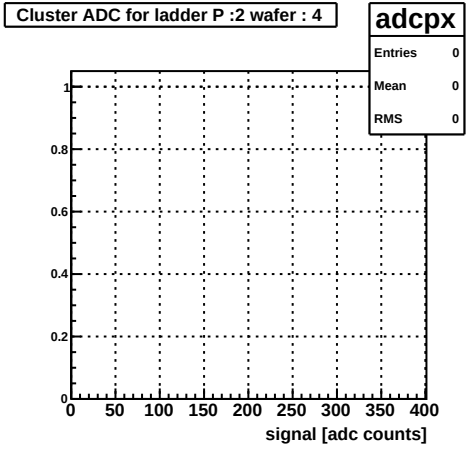

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

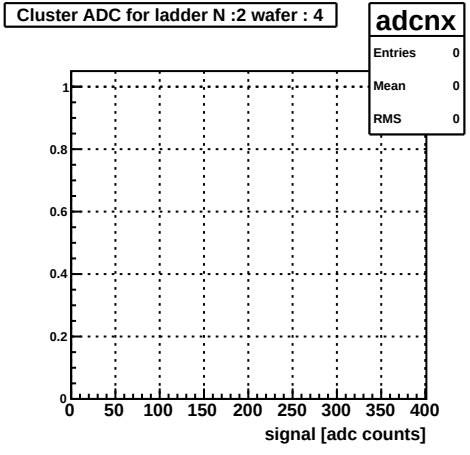

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

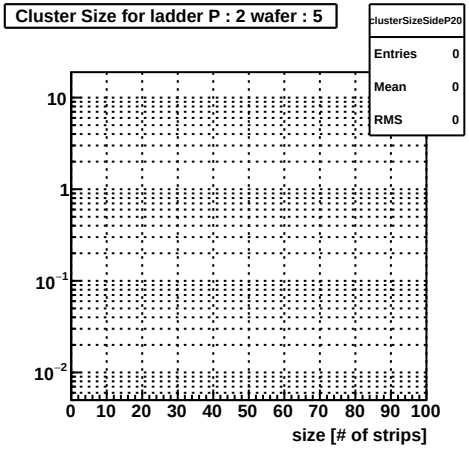

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

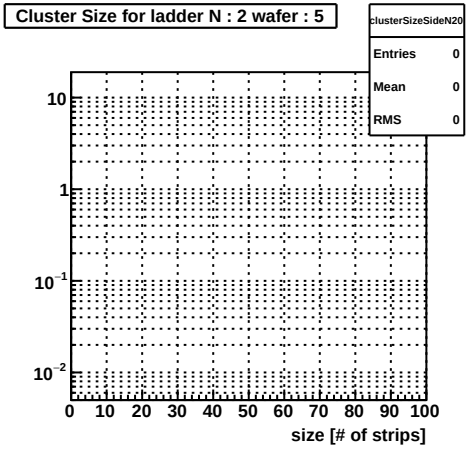

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

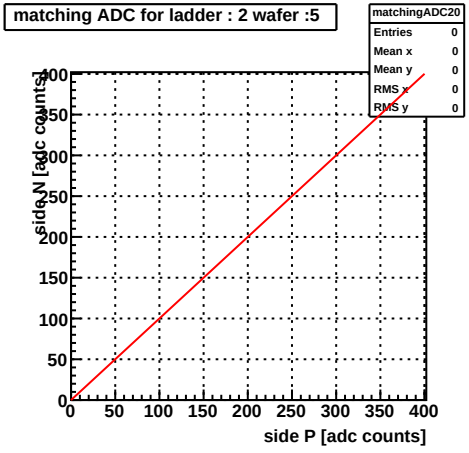

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

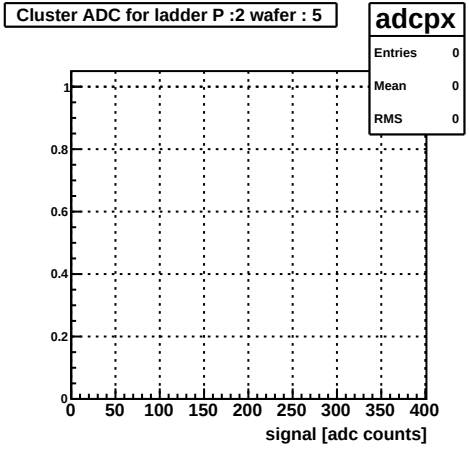

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

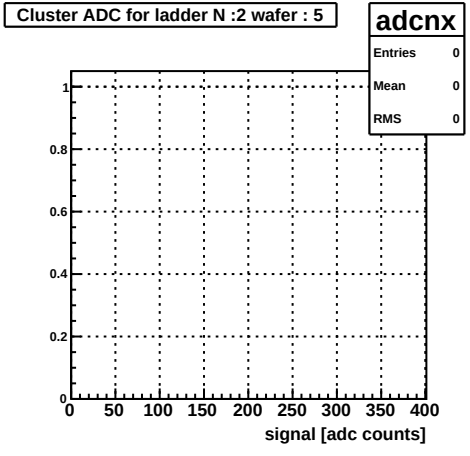

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

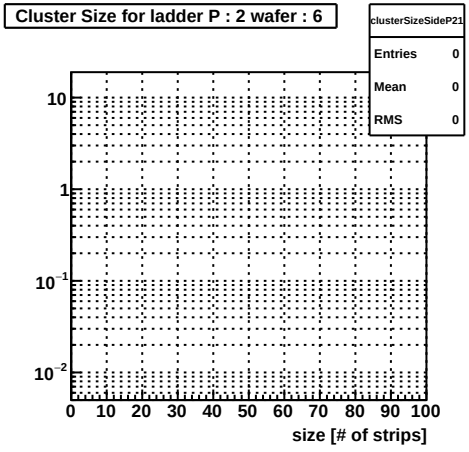

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

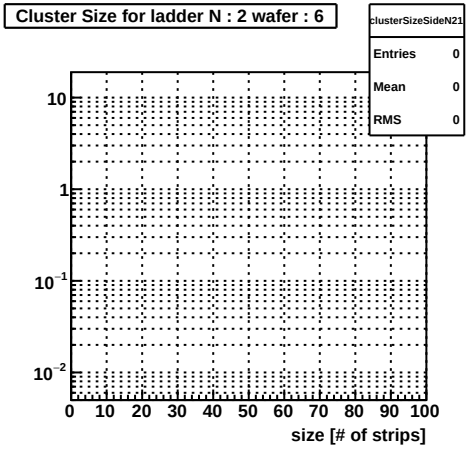

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

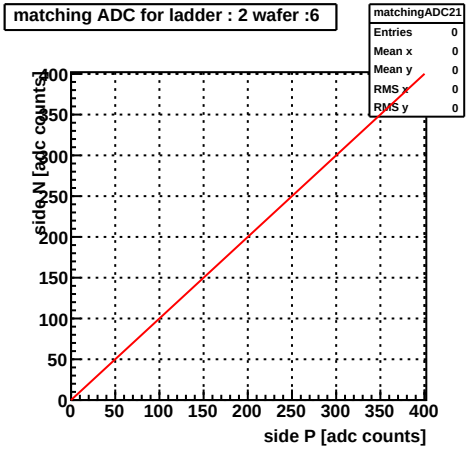

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

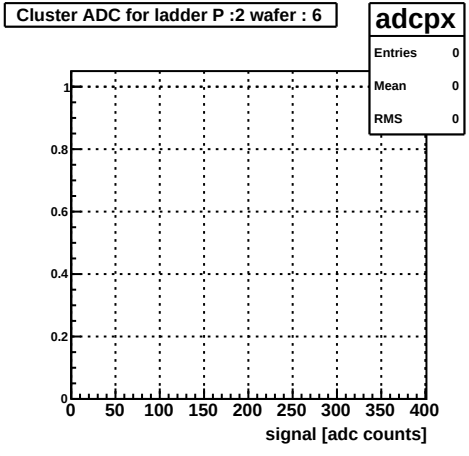

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

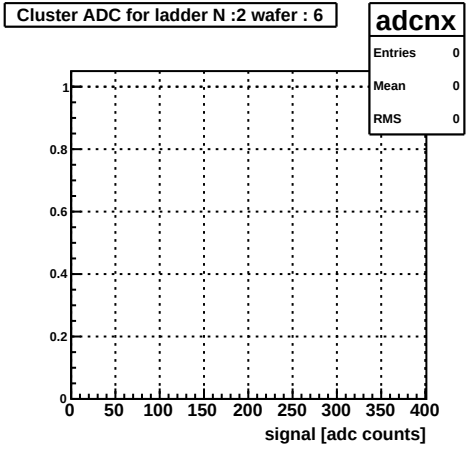

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

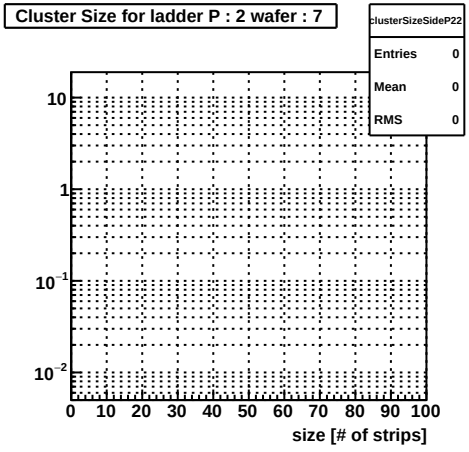

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

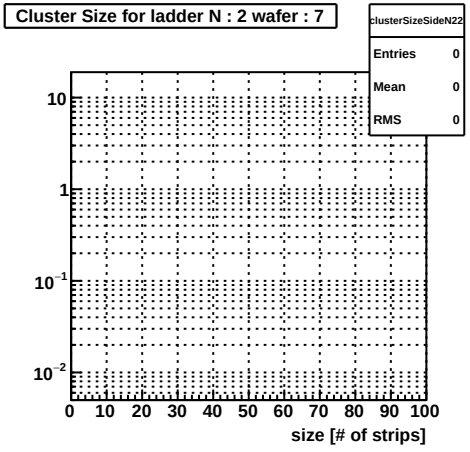

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

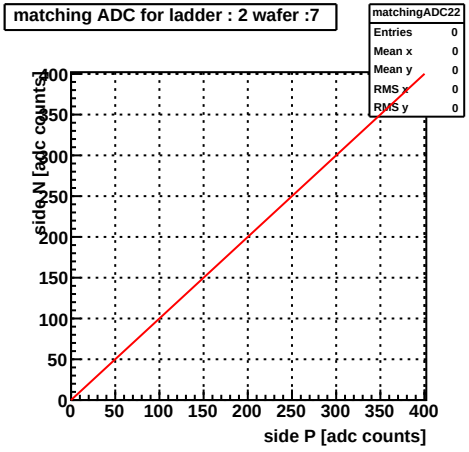

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

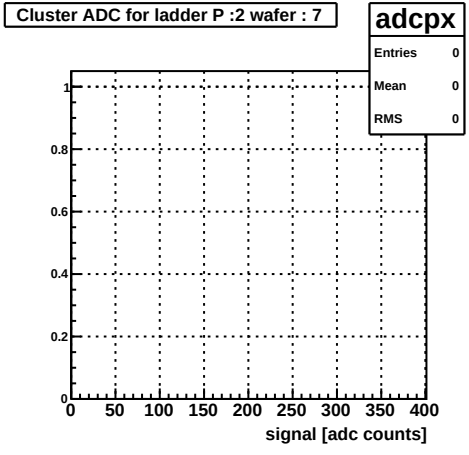

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

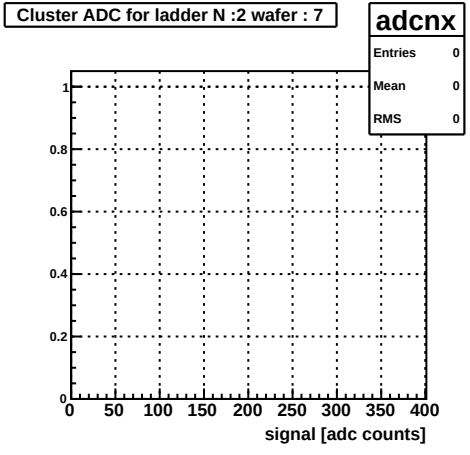

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

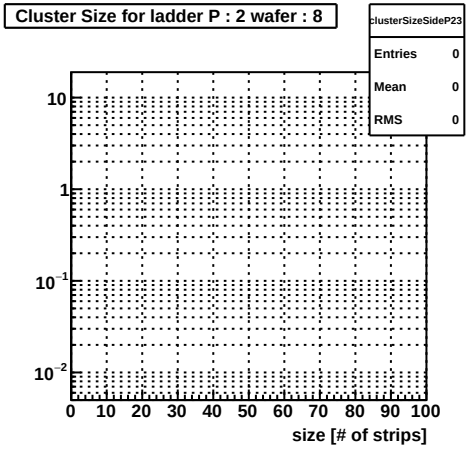

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

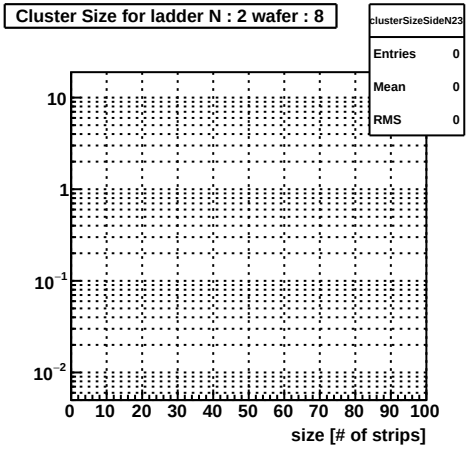

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

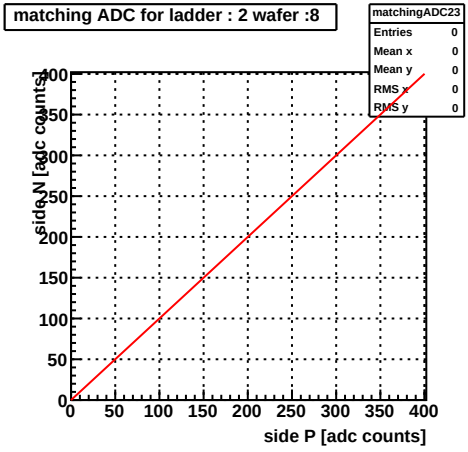

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

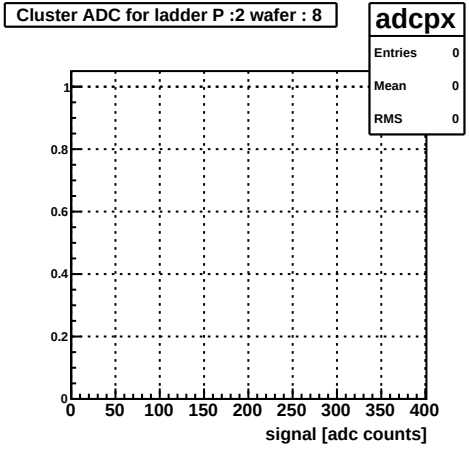

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

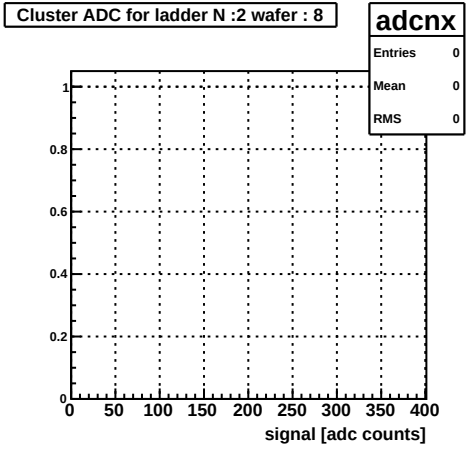

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

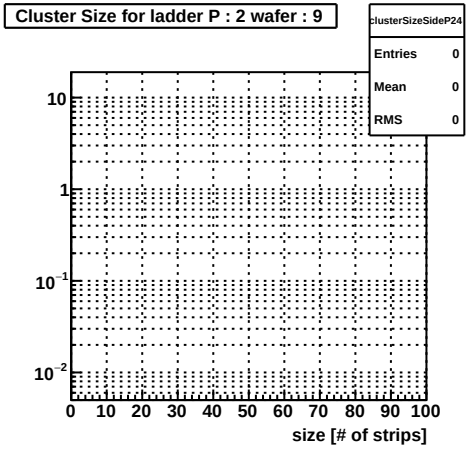

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

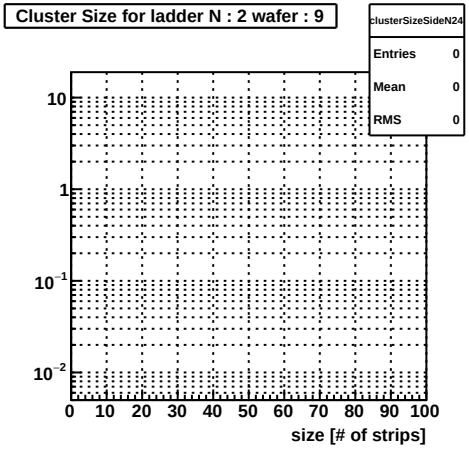

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

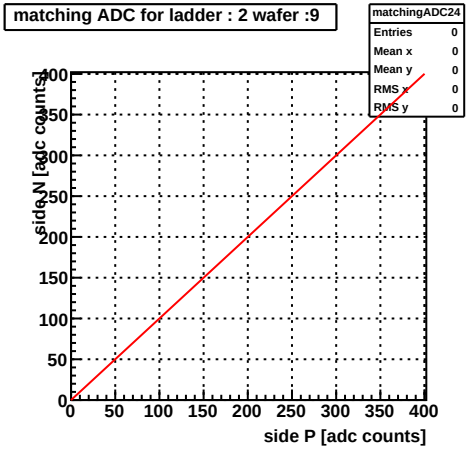

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

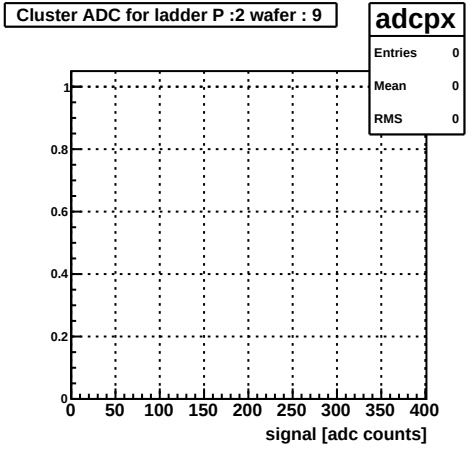

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

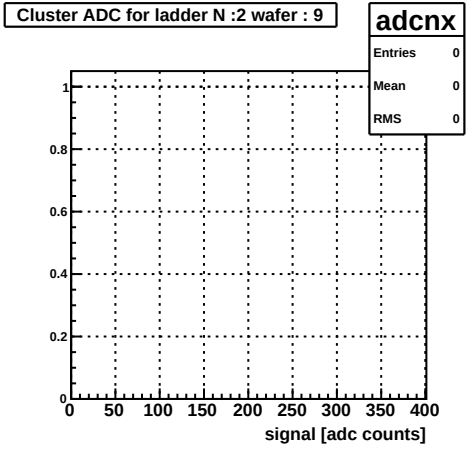

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

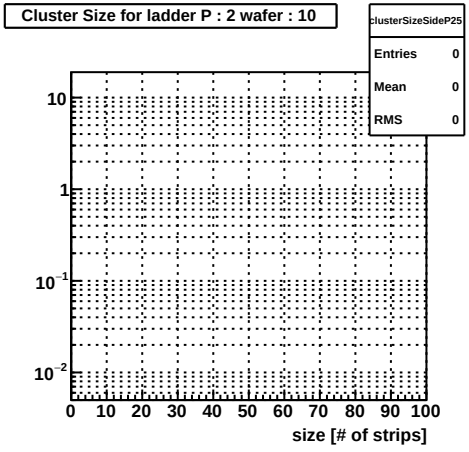

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

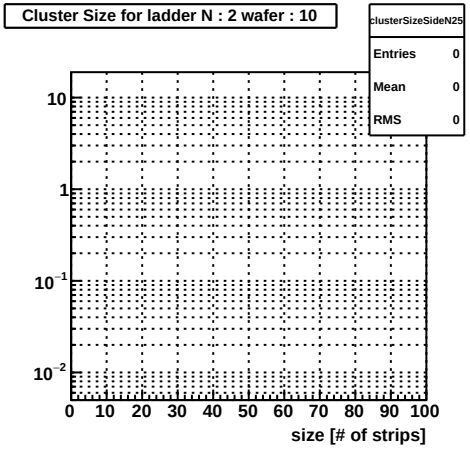

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

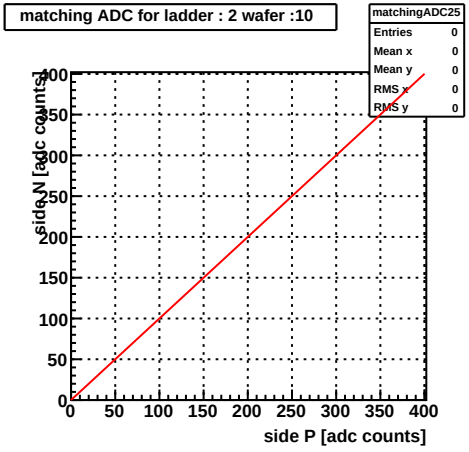

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

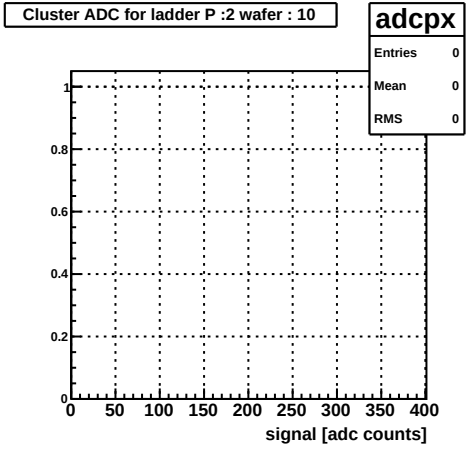

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

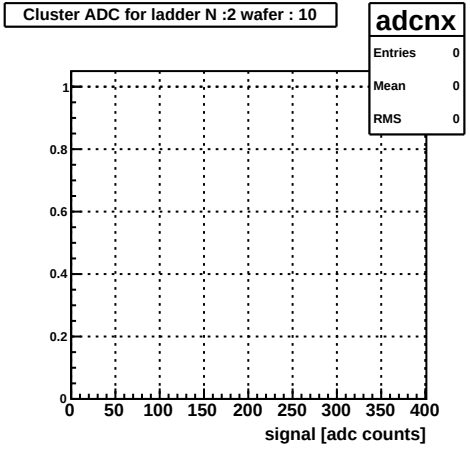

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

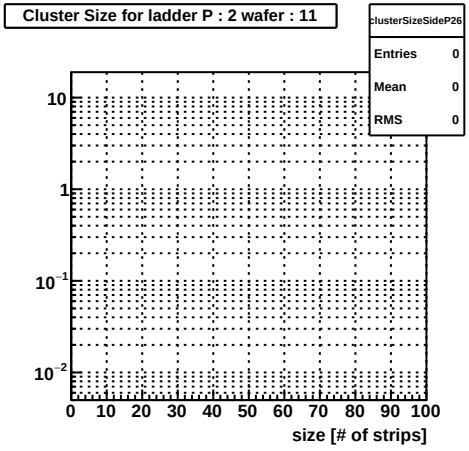

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

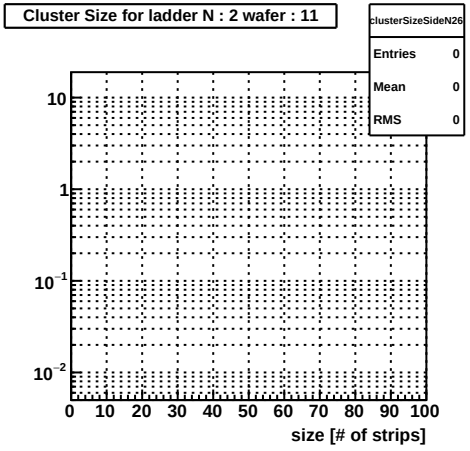

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

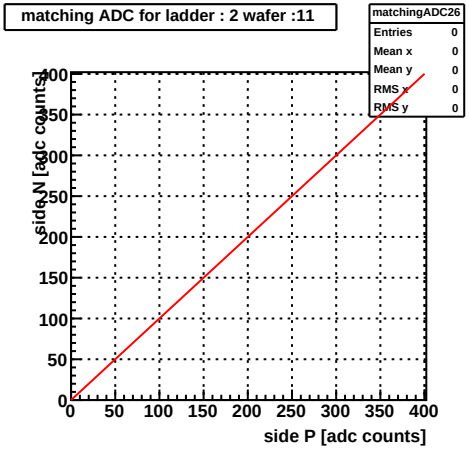

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

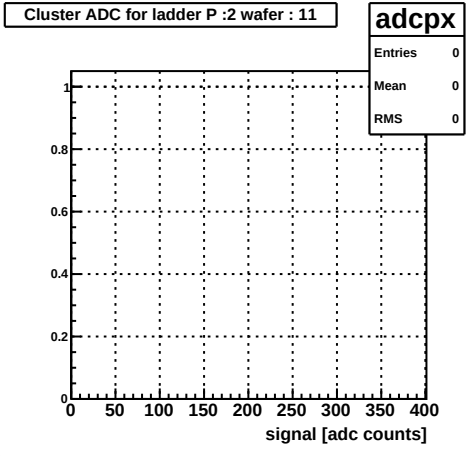

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

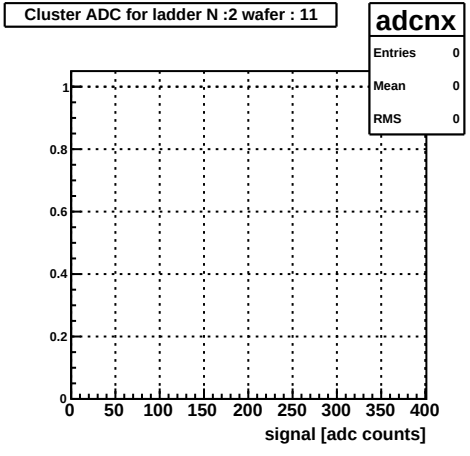

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

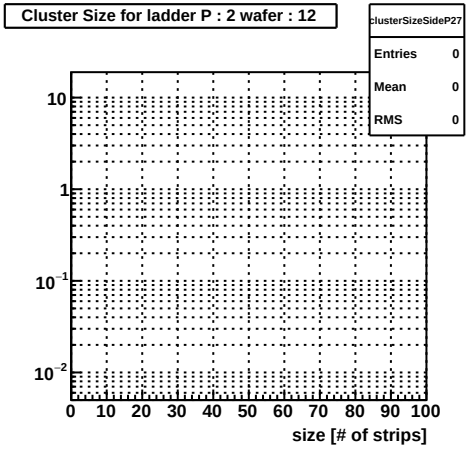

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

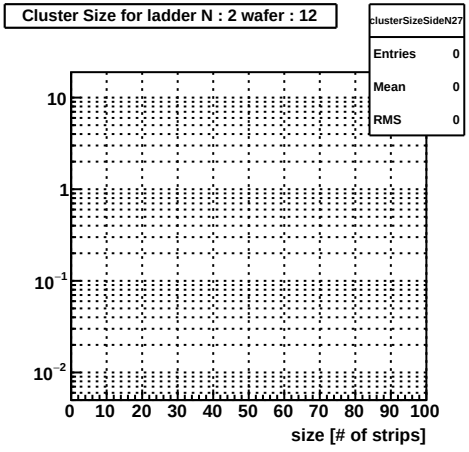

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

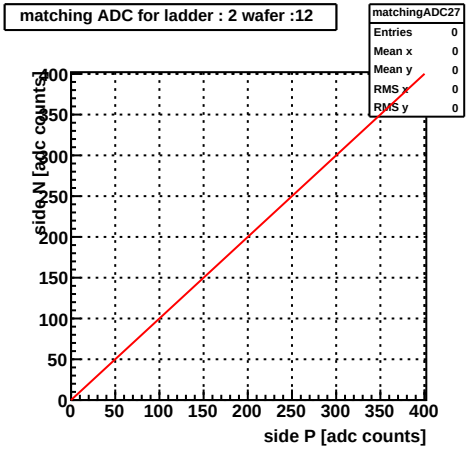

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

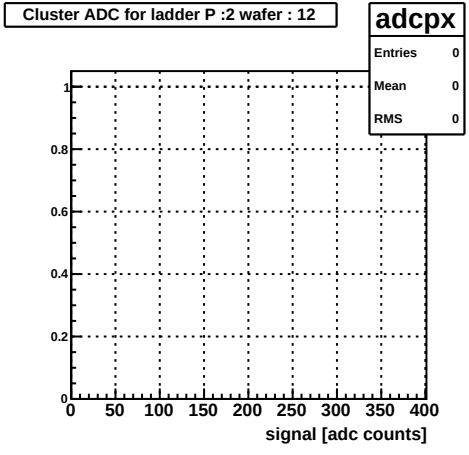

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

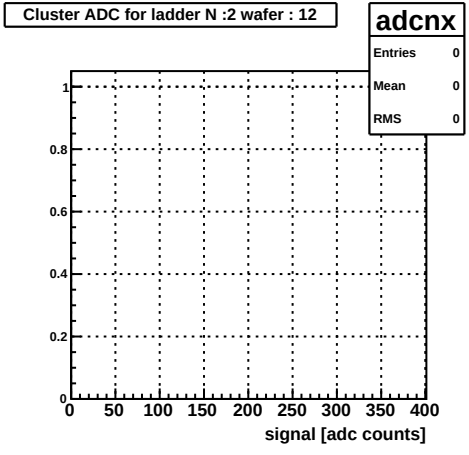

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

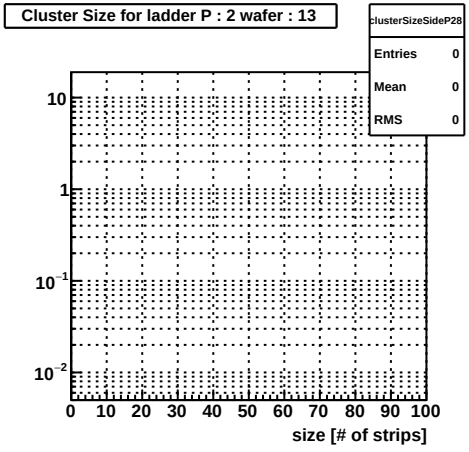

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

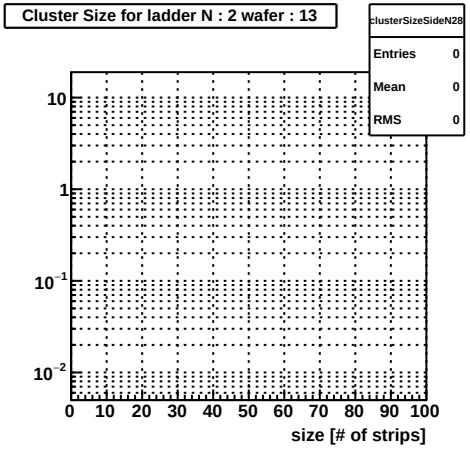

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

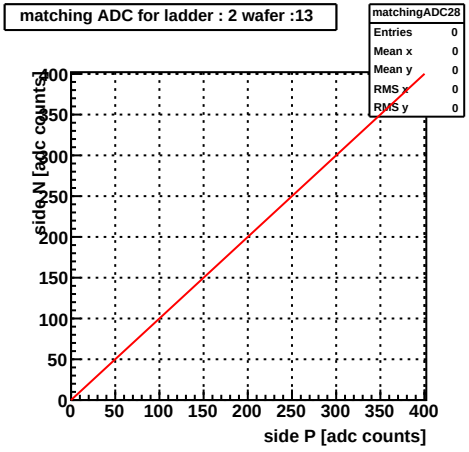

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

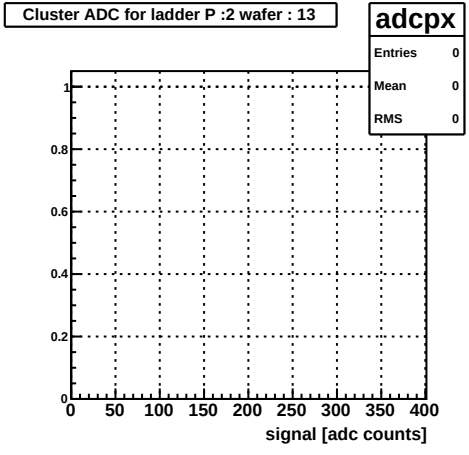

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

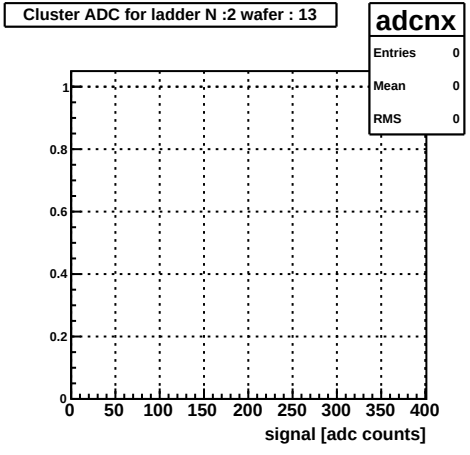

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

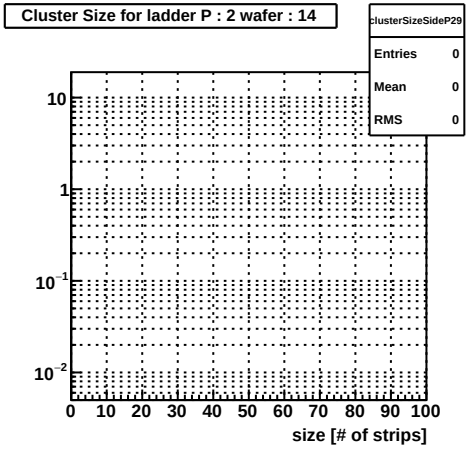

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

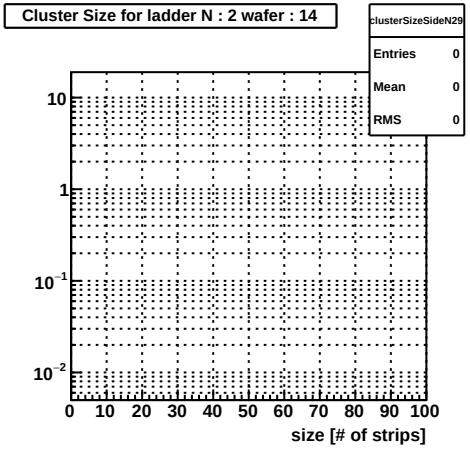

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

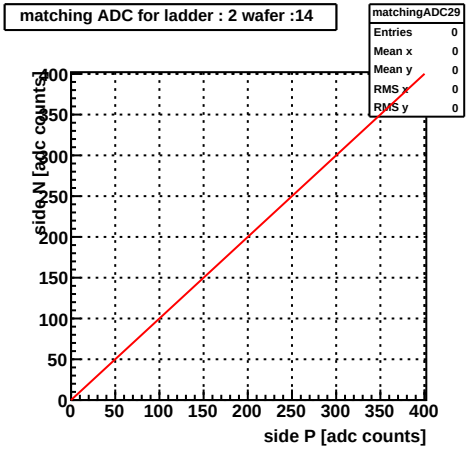

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

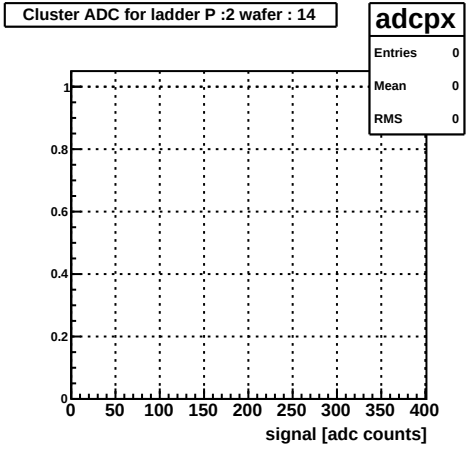

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

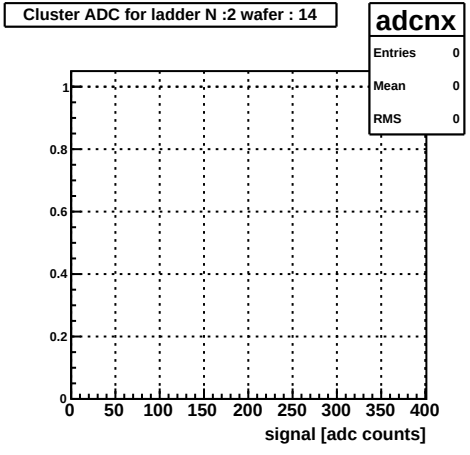

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

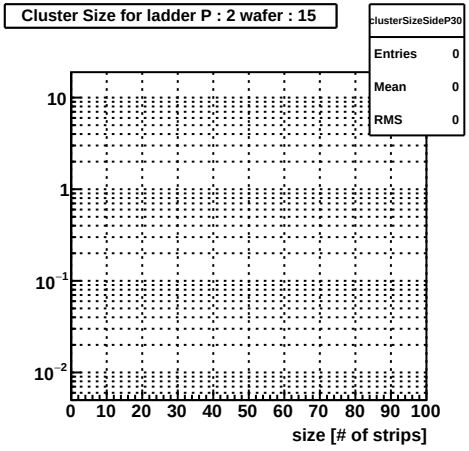

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

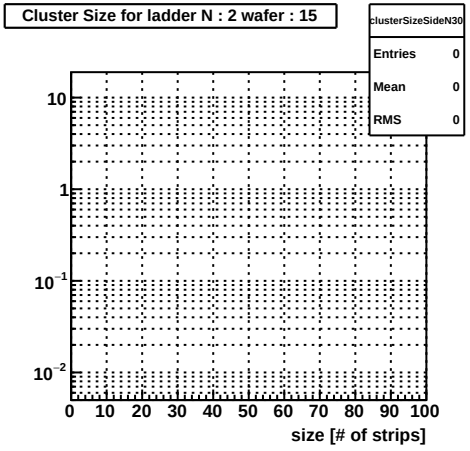

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

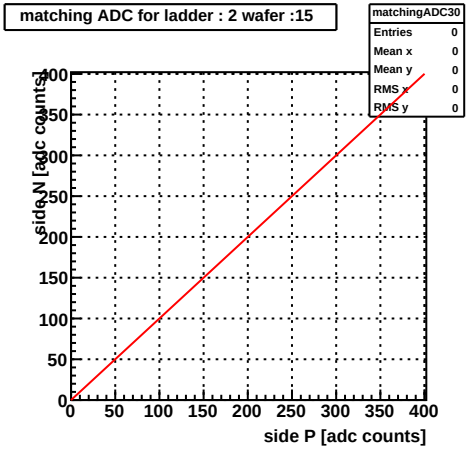

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

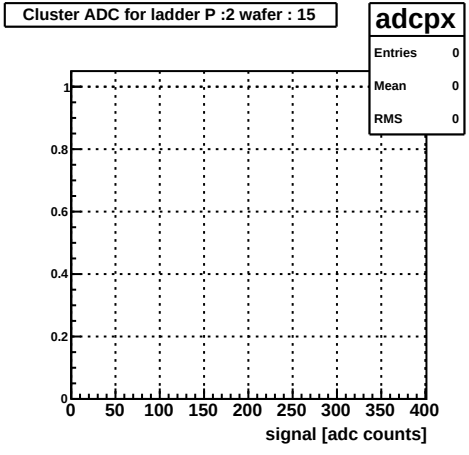

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

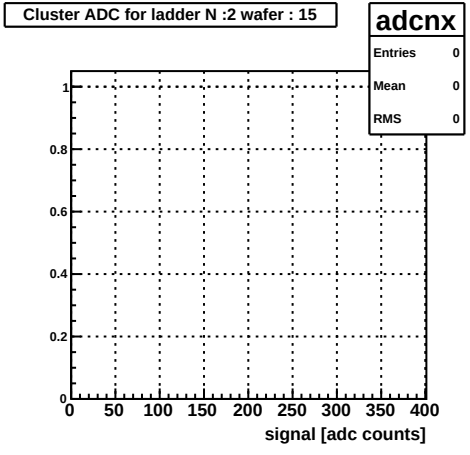

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

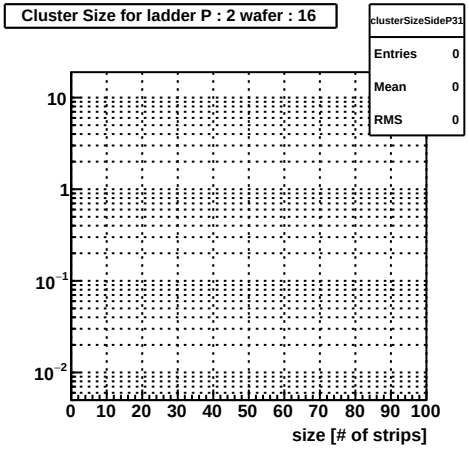

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

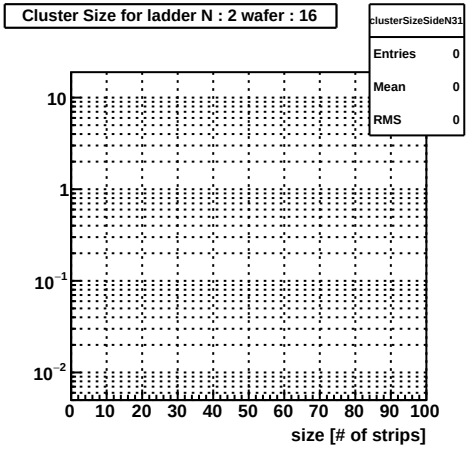

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

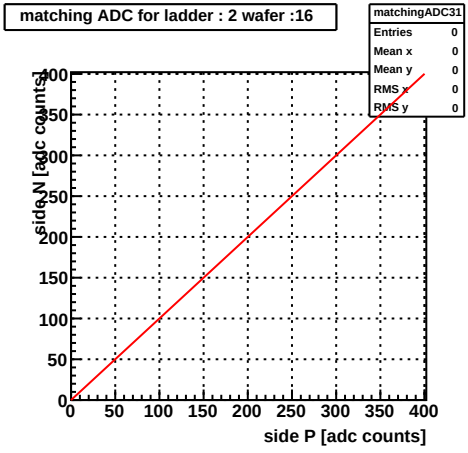

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

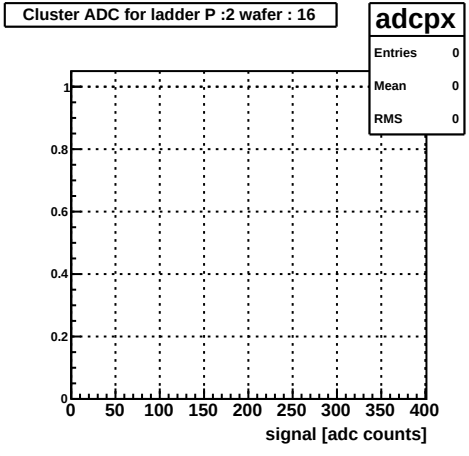

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

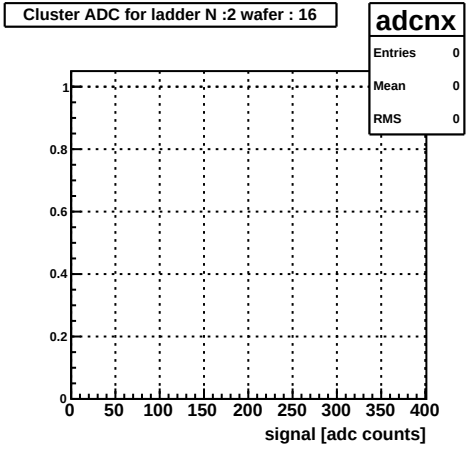

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

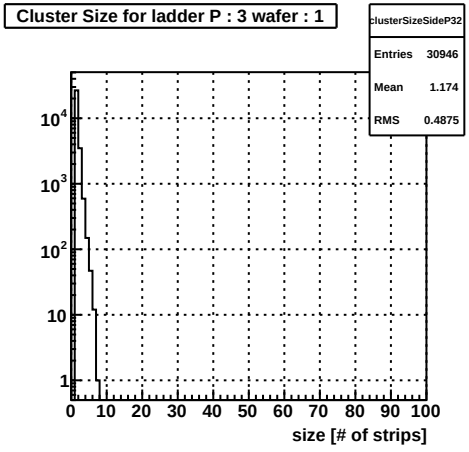

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

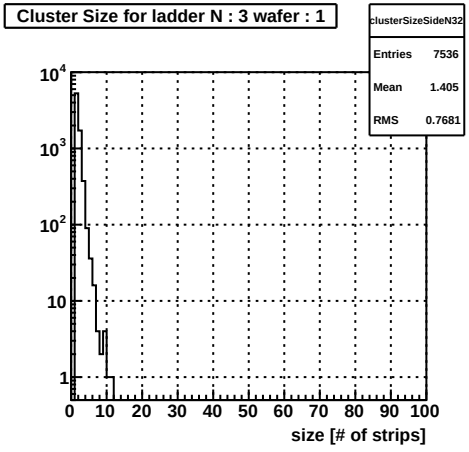

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

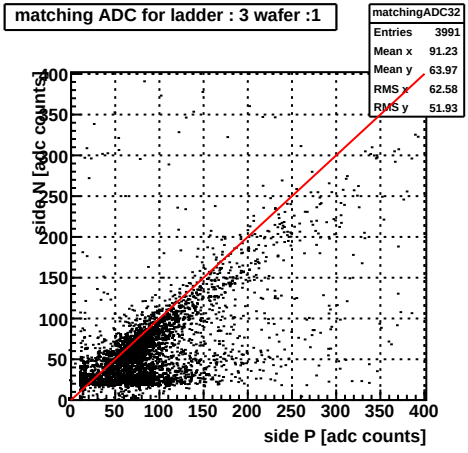

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

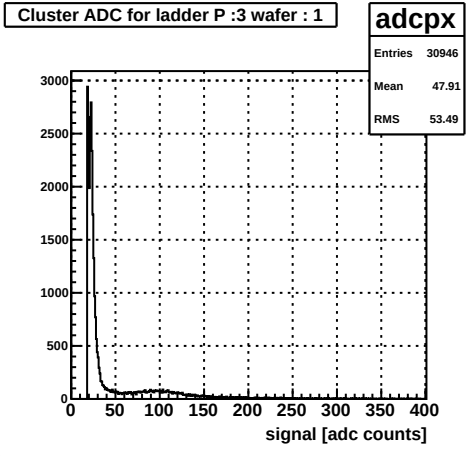

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

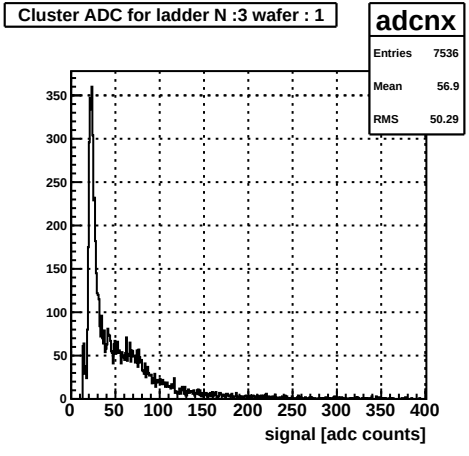

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

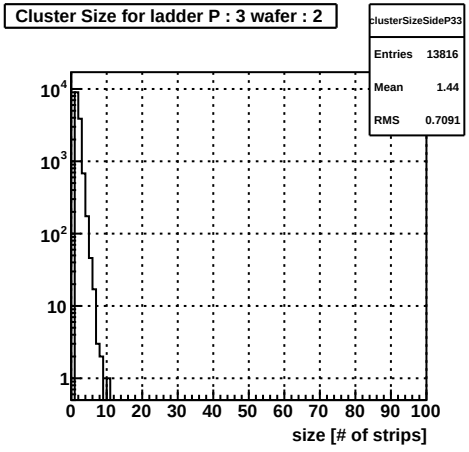

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 30946
Mean 1.174
RMS 0.4875
size [# of strips]

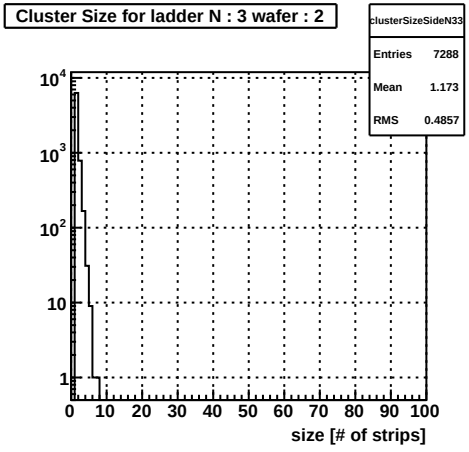

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 7536
Mean 1.405
RMS 0.7681
size [# of strips]

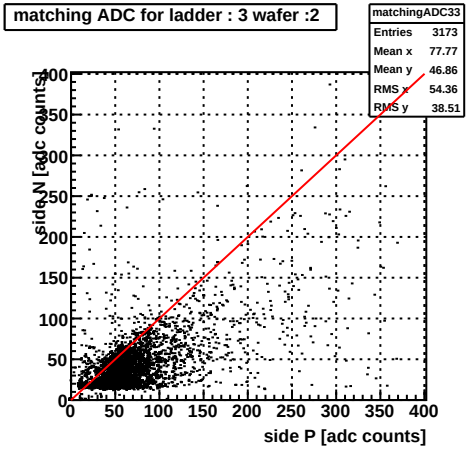

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 3991
Mean x 91.23
Mean y 63.97
RMS x 62.58
RMS y 51.93
side N [adc counts]
side P [adc counts]

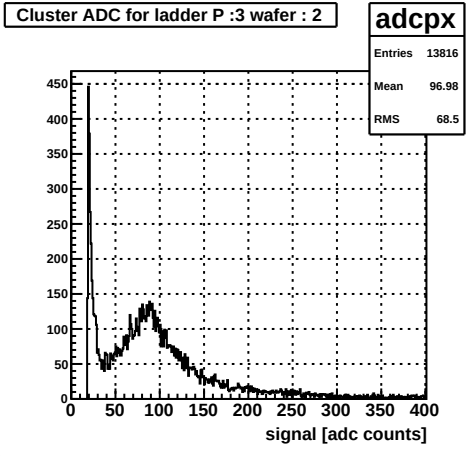

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 30946
Mean 47.91
RMS 53.49
signal [adc counts]

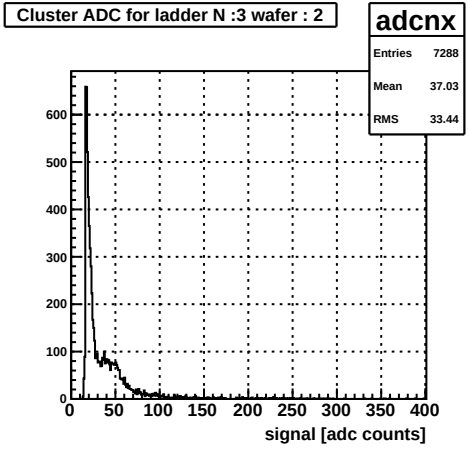

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 7536
Mean 56.9
RMS 50.29
signal [adc counts]

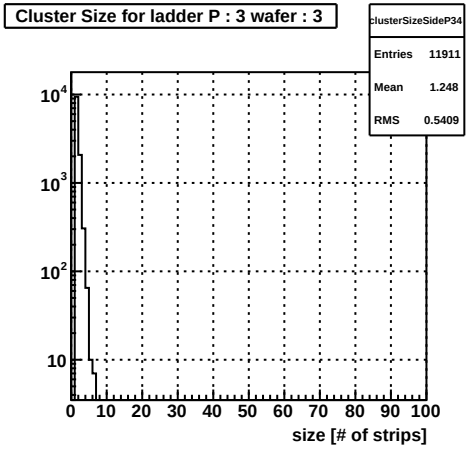

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 13816
Mean 1.44
RMS 0.7091
size [# of strips]

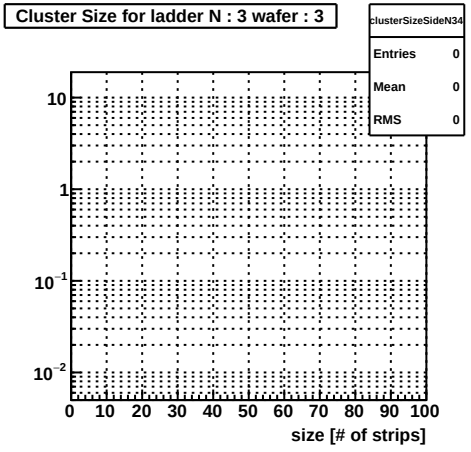

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 7288
Mean 1.173
RMS 0.4857
size [# of strips]

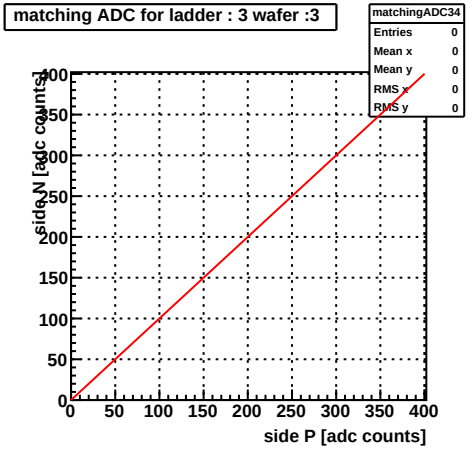

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3173
Mean x 77.77
Mean y 46.86
RMS x 54.36
RMS y 38.51
side N [adc counts]
side P [adc counts]

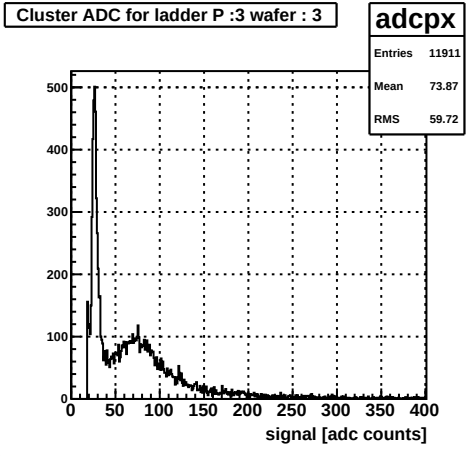

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 13816
Mean 96.98
RMS 68.5
signal [adc counts]

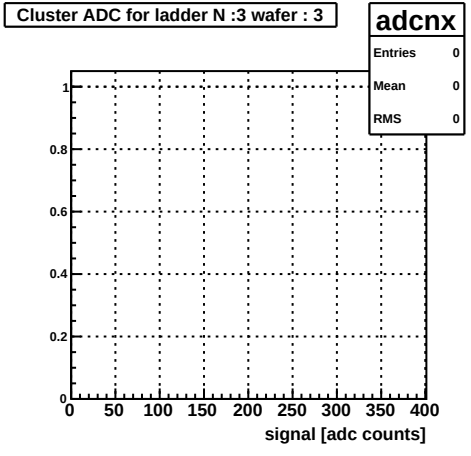

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 7288
Mean 37.03
RMS 33.44
signal [adc counts]

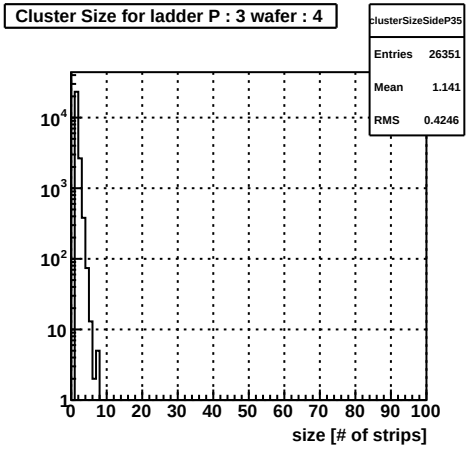

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 11911
Mean 1.248
RMS 0.5409
size [# of strips]

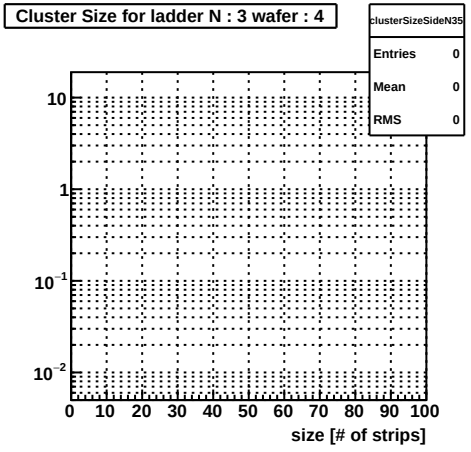

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

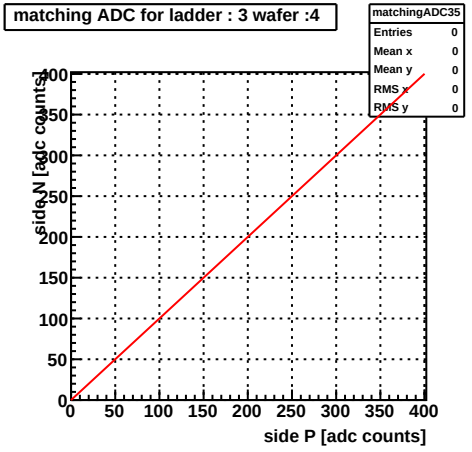

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

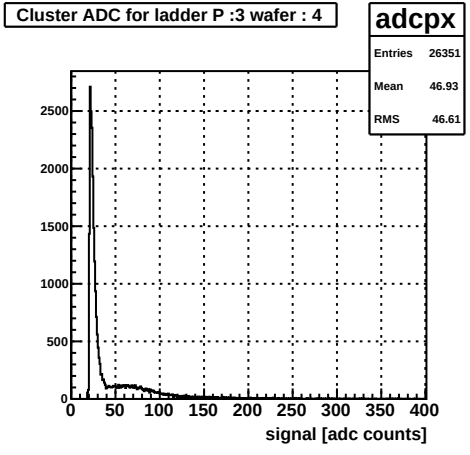

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 11911
Mean 73.87
RMS 59.72
signal [adc counts]

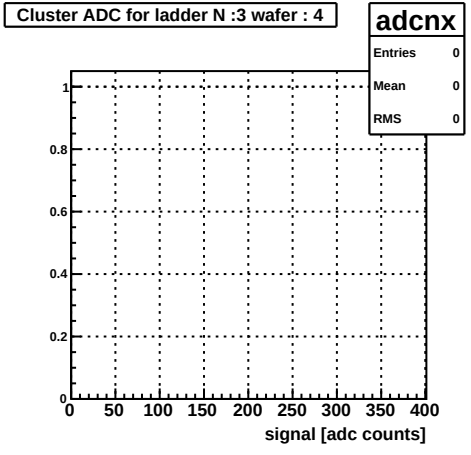

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

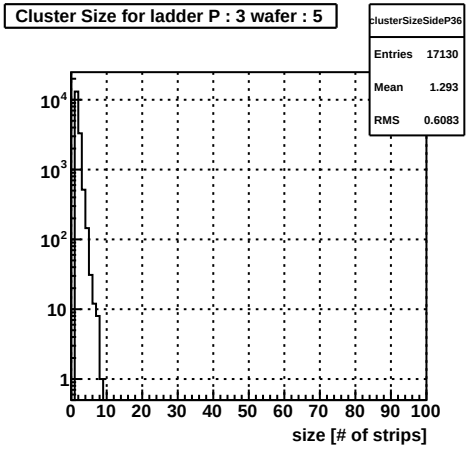

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 26351
Mean 1.141
RMS 0.4246
size [# of strips]

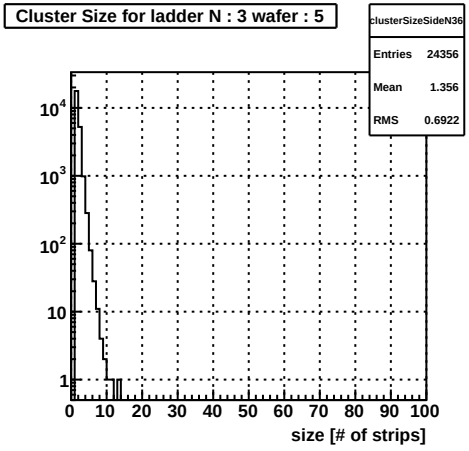

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

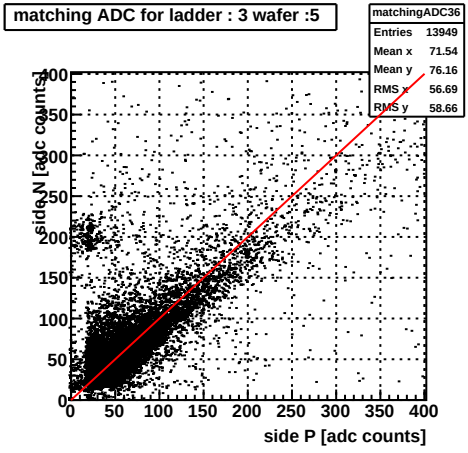

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

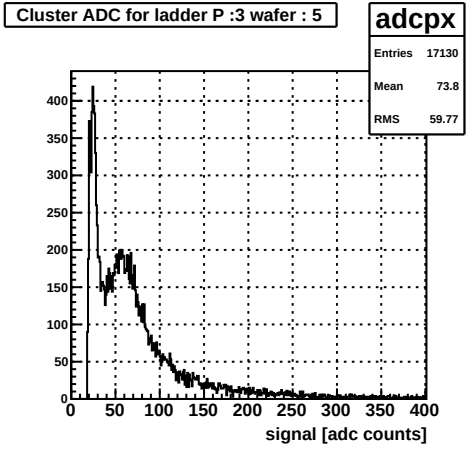

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 26351
Mean 46.93
RMS 46.61
signal [adc counts]

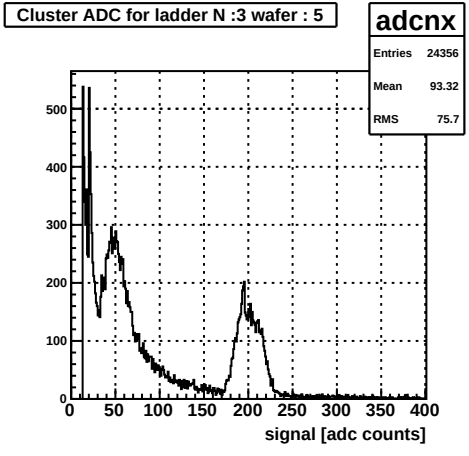

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

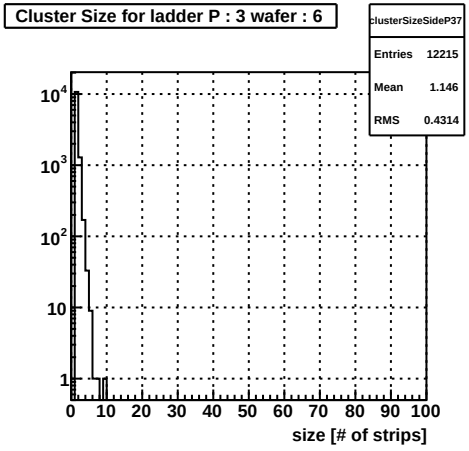

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 17130
Mean 1.293
RMS 0.6083
size [# of strips]

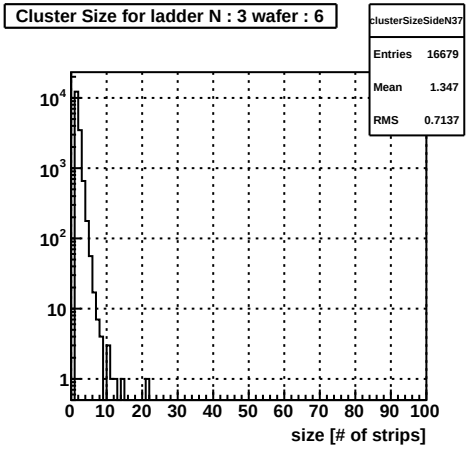

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 24356
Mean 1.356
RMS 0.6922
size [# of strips]

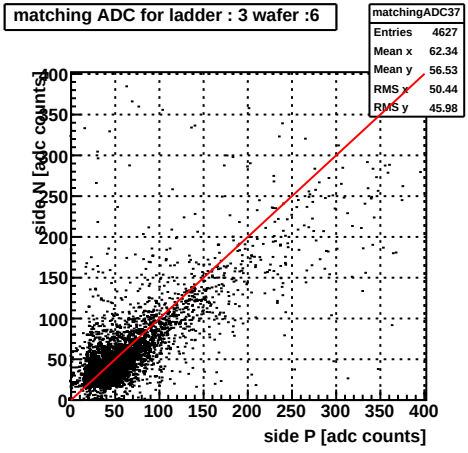

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13949
Mean x 71.54
Mean y 76.16
RMS x 56.69
RMS y 58.66
side N [adc counts]
side P [adc counts]

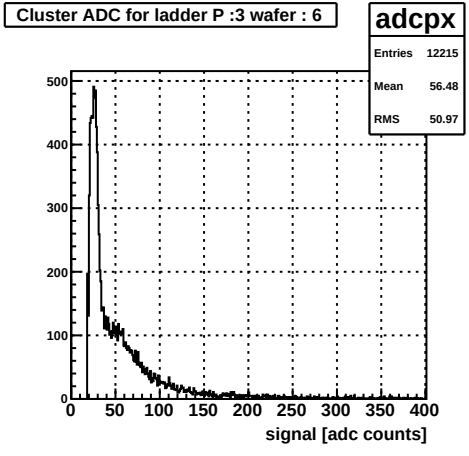

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 17130
Mean 73.8
RMS 59.77
signal [adc counts]

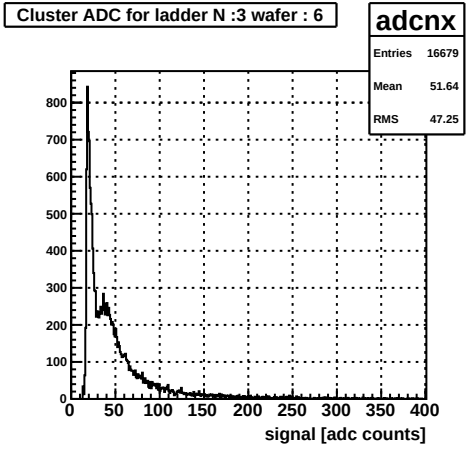

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 24356
Mean 93.32
RMS 75.7
signal [adc counts]

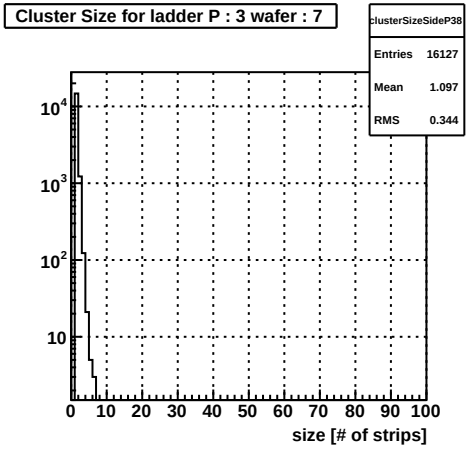

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 12215
Mean 1.146
RMS 0.4314
size [# of strips]

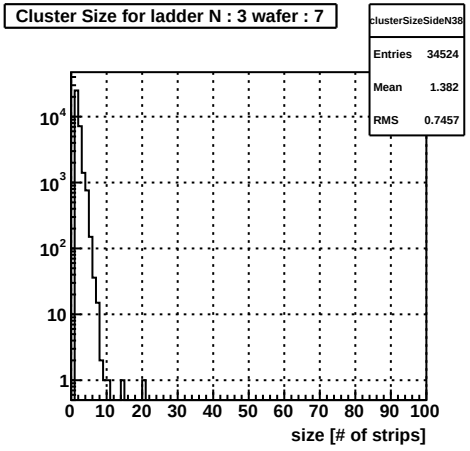

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 16679
Mean 1.347
RMS 0.7137
size [# of strips]

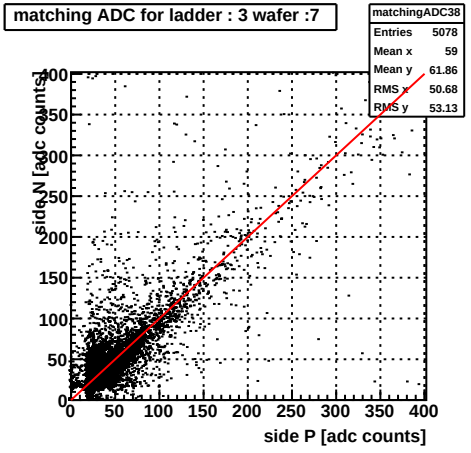

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 4627
Mean x 62.34
Mean y 56.53
RMS x 50.44
RMS y 45.98
side N [adc counts]
side P [adc counts]

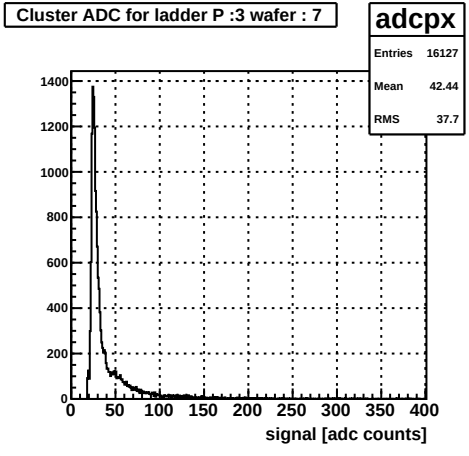

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 12215
Mean 56.48
RMS 50.97
signal [adc counts]

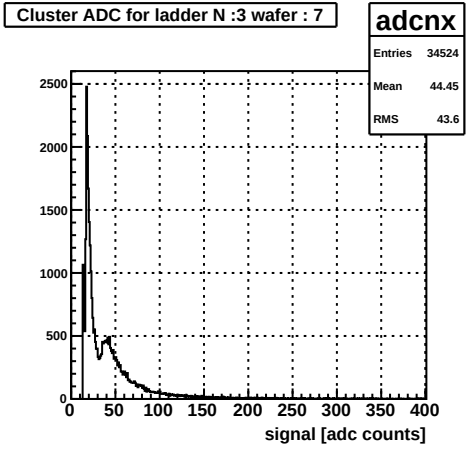

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 16679
Mean 51.64
RMS 47.25
signal [adc counts]

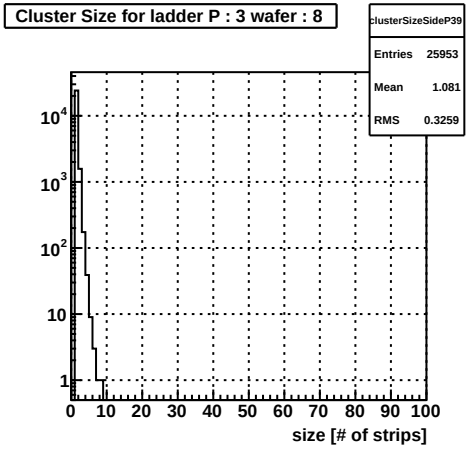

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 16127
Mean 1.097
RMS 0.344
size [# of strips]

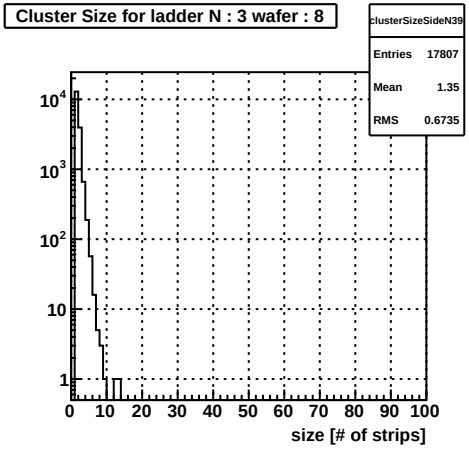

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 34524
Mean 1.382
RMS 0.7457
size [# of strips]

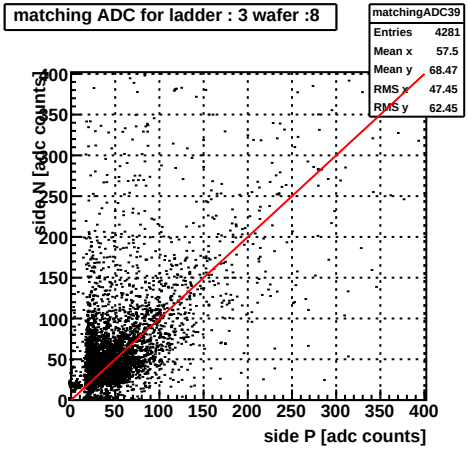

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5078
Mean x 59
Mean y 61.86
RMS x 50.68
RMS y 53.13
side N [adc counts]
side P [adc counts]

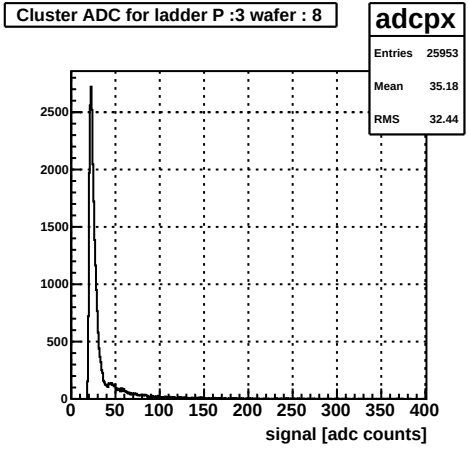

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 16127
Mean 42.44
RMS 37.7
signal [adc counts]

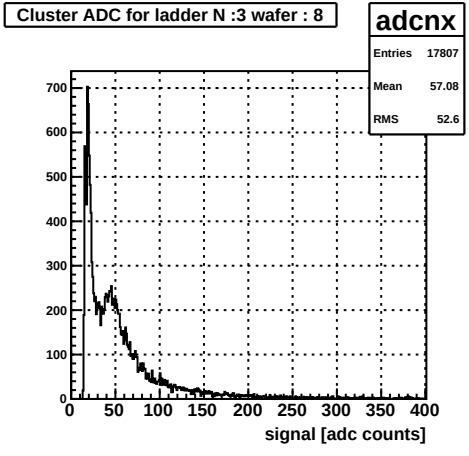

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 34524
Mean 44.45
RMS 43.6
signal [adc counts]

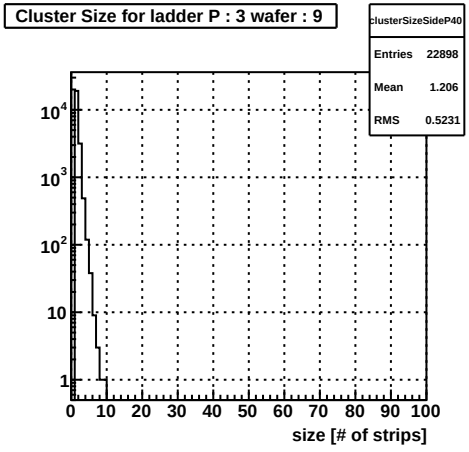

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 25953
Mean 1.081
RMS 0.3259
size [# of strips]

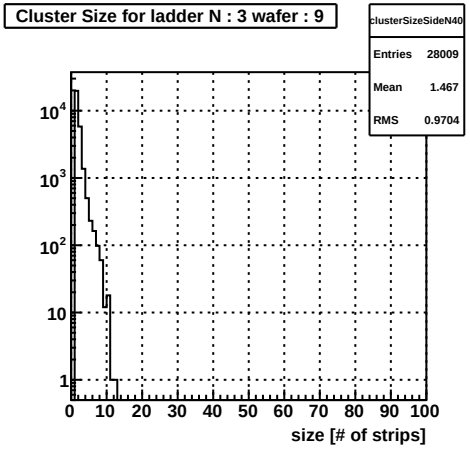

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 17807
Mean 1.35
RMS 0.6735
size [# of strips]

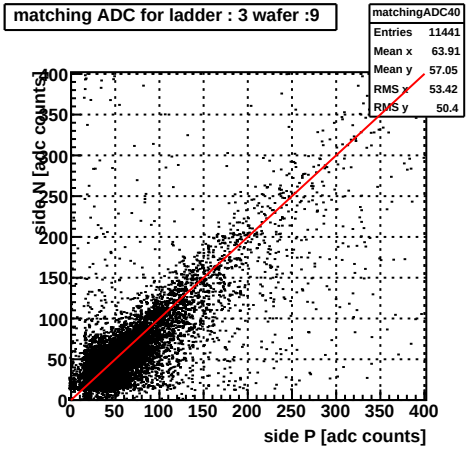

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 4281
Mean x 57.5
Mean y 68.47
RMS x 47.45
RMS y 62.45
side N [adc counts]
side P [adc counts]

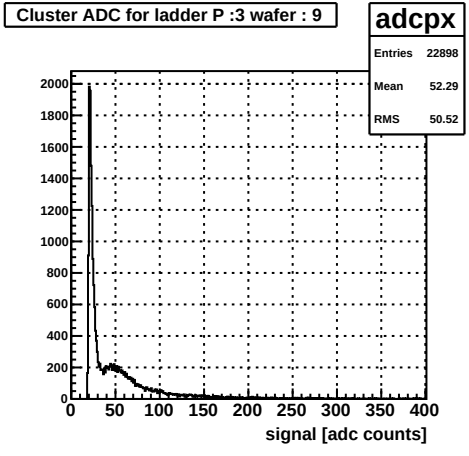

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 25953
Mean 35.18
RMS 32.44
signal [adc counts]

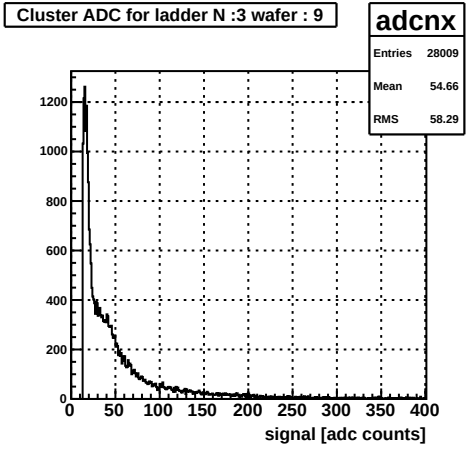

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 17807
Mean 57.08
RMS 52.6
signal [adc counts]

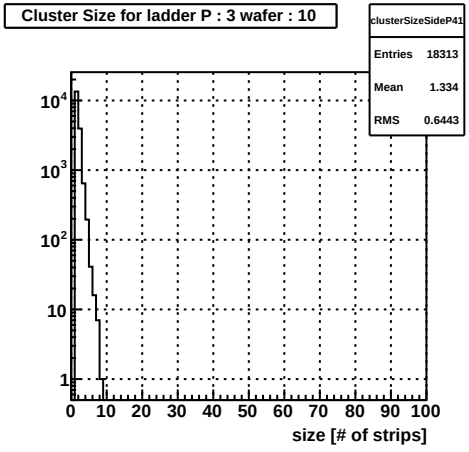

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 22898
Mean 1.206
RMS 0.5231
size [# of strips]

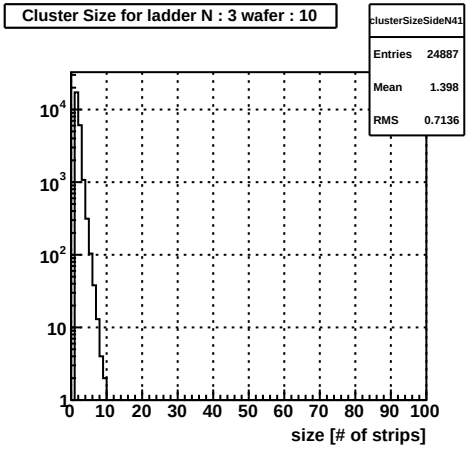

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 28009
Mean 1.467
RMS 0.9704
size [# of strips]

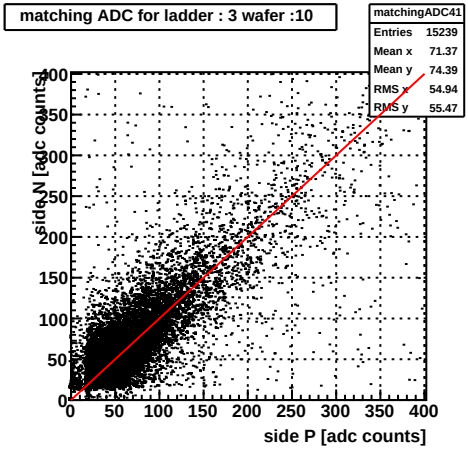

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 11441
Mean x 63.91
Mean y 57.05
RMS x 53.42
RMS y 50.4
side N [adc counts]
side P [adc counts]

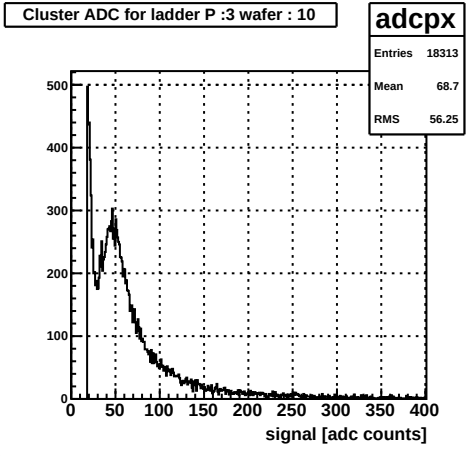

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 22898
Mean 52.29
RMS 50.52
signal [adc counts]

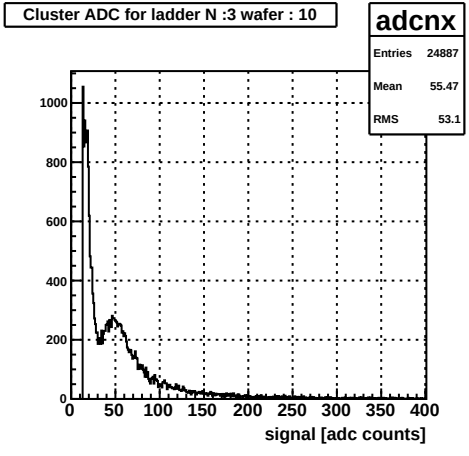

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 28009
Mean 54.66
RMS 58.29
signal [adc counts]

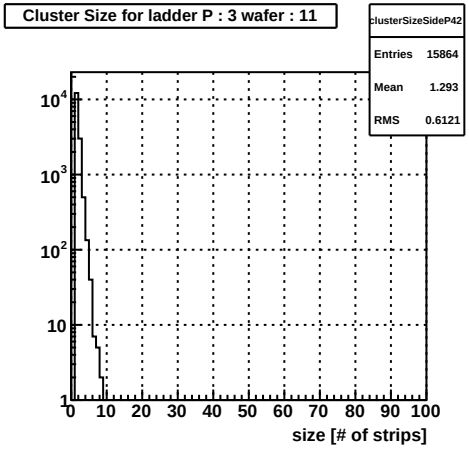

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 18313
Mean 1.334
RMS 0.6443
size [# of strips]

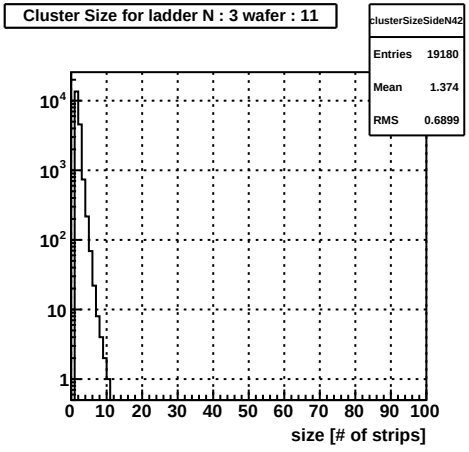

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 24887
Mean 1.398
RMS 0.7136
size [# of strips]

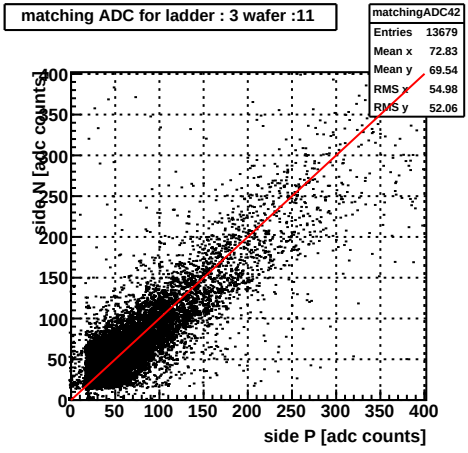

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 15239
Mean x 71.37
Mean y 74.39
RMS x 54.94
RMS y 55.47
side N [adc counts]
side P [adc counts]

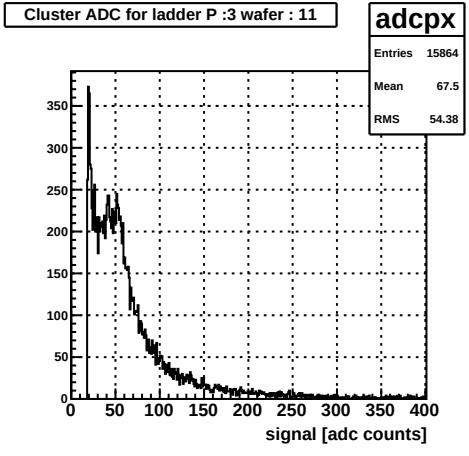

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 18313
Mean 68.7
RMS 56.25
signal [adc counts]

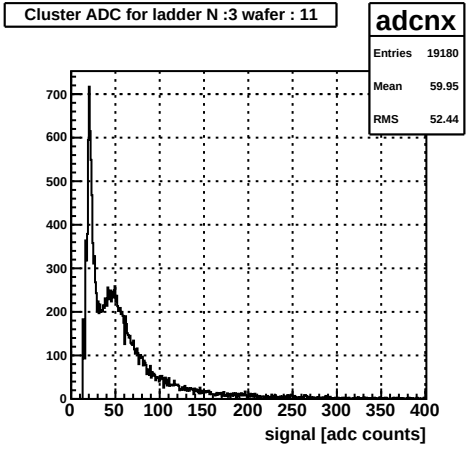

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 24887
Mean 55.47
RMS 53.1
signal [adc counts]

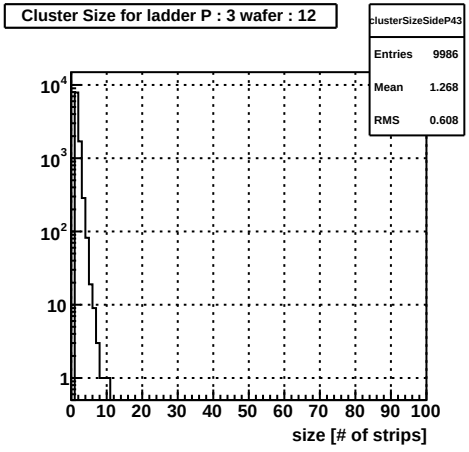

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 15864
Mean 1.293
RMS 0.6121
size [# of strips]

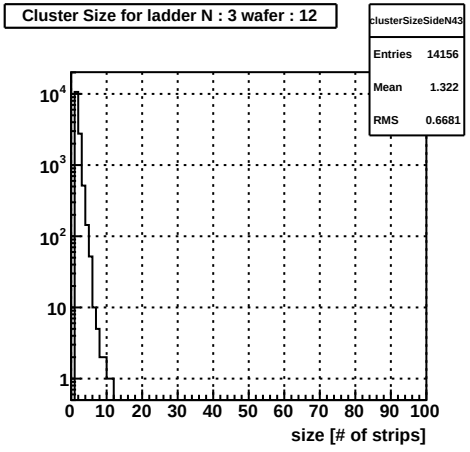

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 19180
Mean 1.374
RMS 0.6899
size [# of strips]

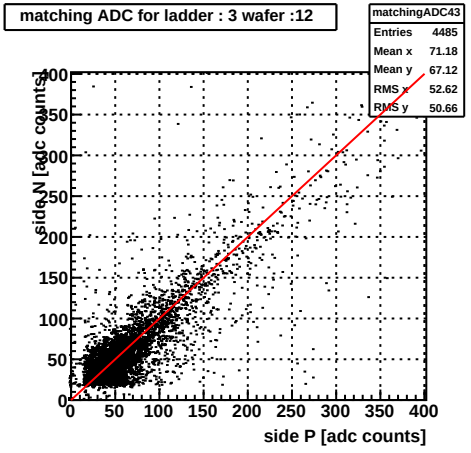

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 13679
Mean x 72.83
Mean y 69.54
RMS x 54.98
RMS y 52.06
side N [adc counts]
side P [adc counts]

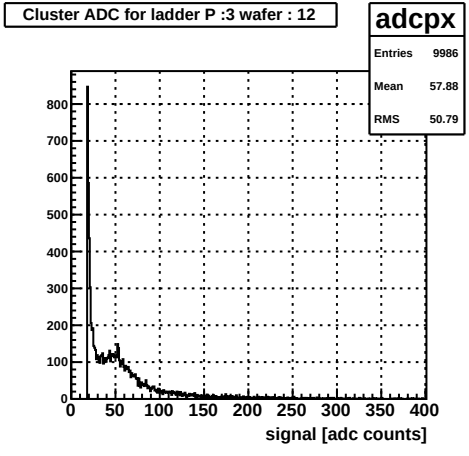

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 15864
Mean 67.5
RMS 54.38
signal [adc counts]

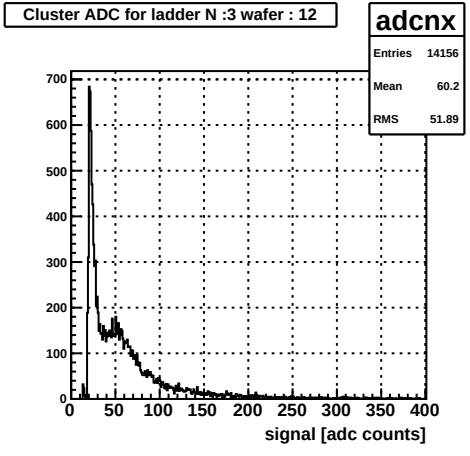

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 19180
Mean 59.95
RMS 52.44
signal [adc counts]

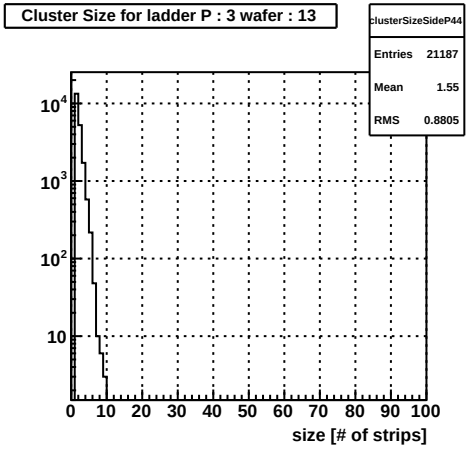

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 9986
Mean 1.268
RMS 0.608
size [# of strips]

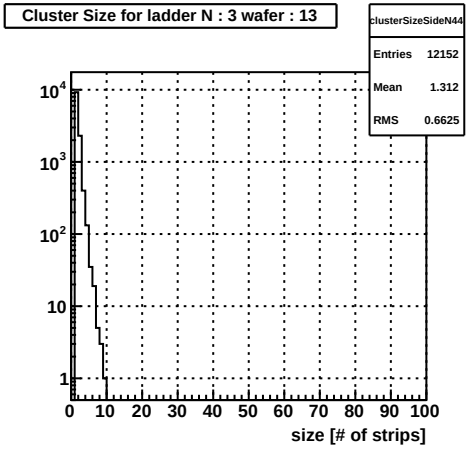

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 14156
Mean 1.322
RMS 0.6681
size [# of strips]

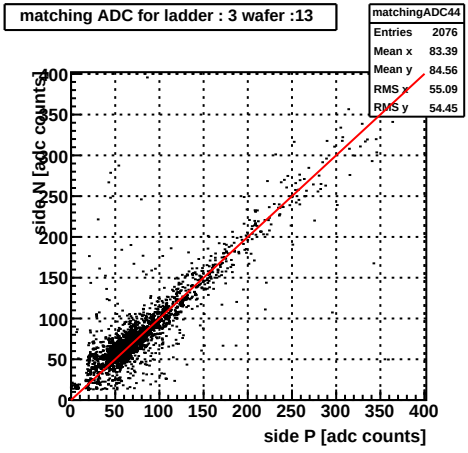

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4485
Mean x 71.18
Mean y 67.12
RMS x 52.62
RMS y 50.66
side N [adc counts]
side P [adc counts]

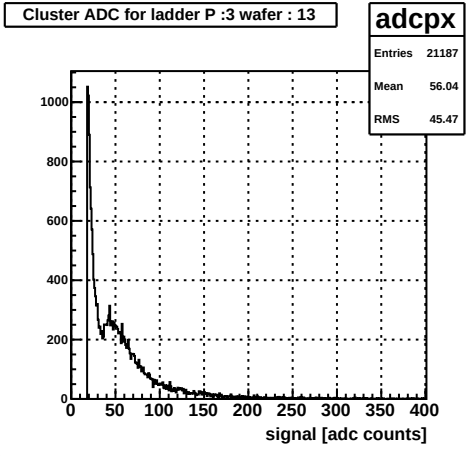

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 9986
Mean 57.88
RMS 50.79
signal [adc counts]

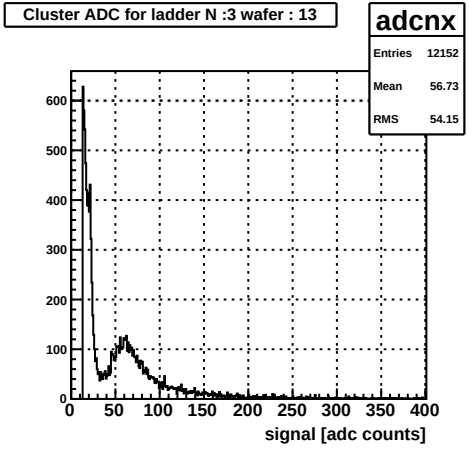

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 14156
Mean 60.2
RMS 51.89
signal [adc counts]

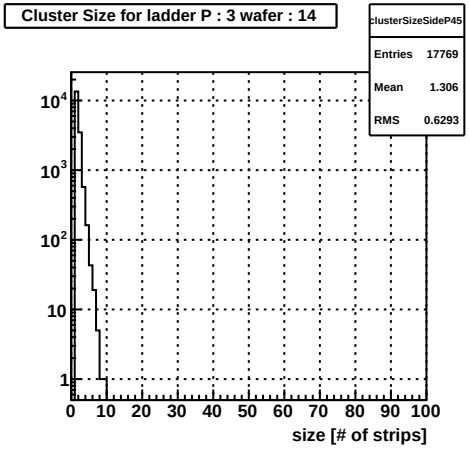

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 21187
Mean 1.55
RMS 0.8805
size [# of strips]

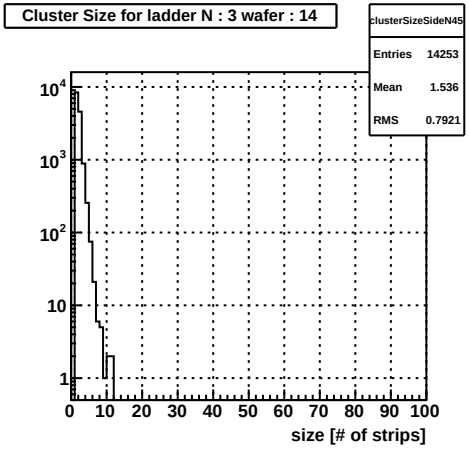

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 12152
Mean 1.312
RMS 0.6625
size [# of strips]

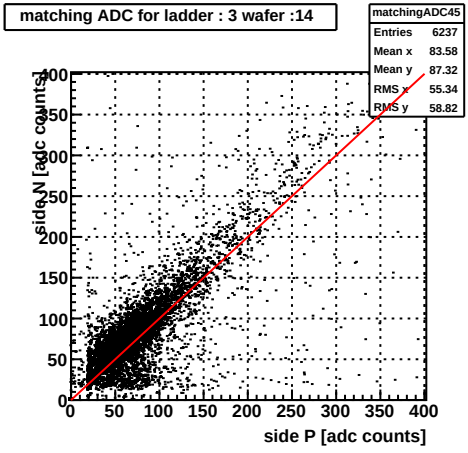

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2076
Mean x 83.39
Mean y 84.56
RMS x 55.09
RMS y 54.45
side N [adc counts]
side P [adc counts]

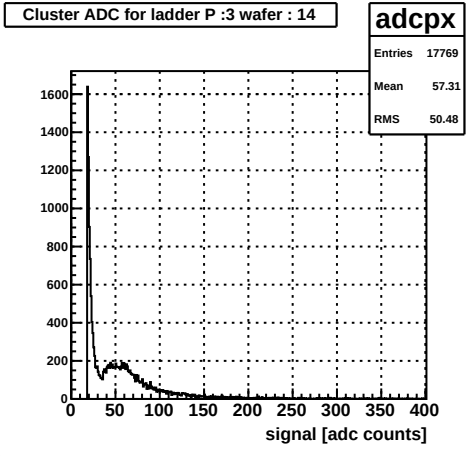

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 21187
Mean 56.04
RMS 45.47
signal [adc counts]

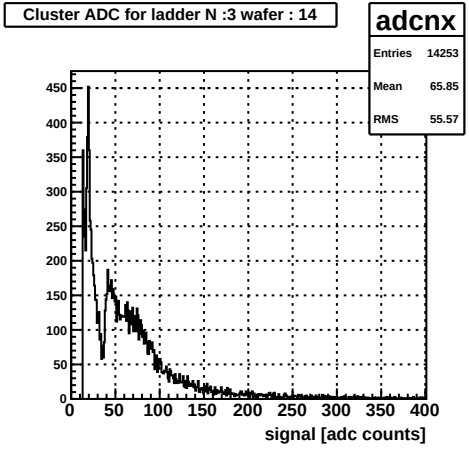

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 12152
Mean 56.73
RMS 54.15
signal [adc counts]

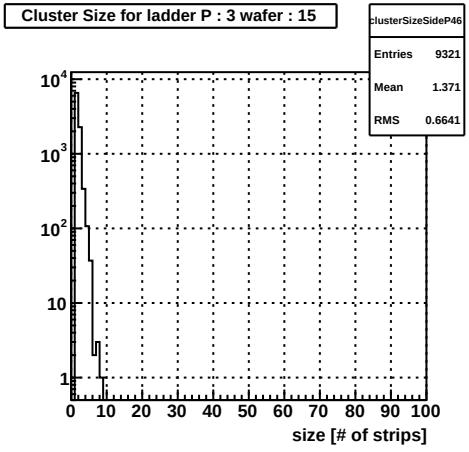

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 17769
Mean 1.306
RMS 0.6293
size [# of strips]

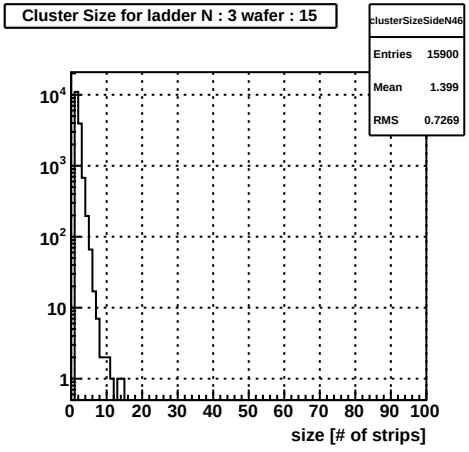

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 14253
Mean 1.536
RMS 0.7921
size [# of strips]

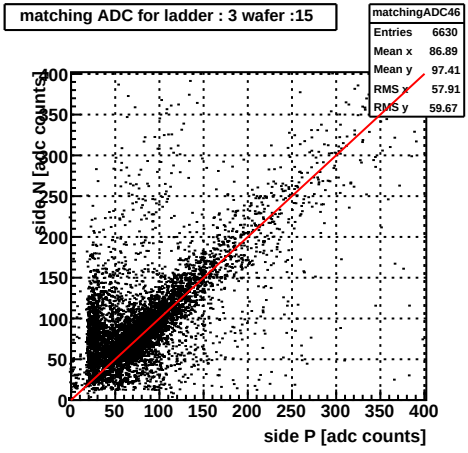

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 6237
Mean x 83.58
Mean y 87.32
RMS x 55.34
RMS y 58.82
side N [adc counts]
side P [adc counts]

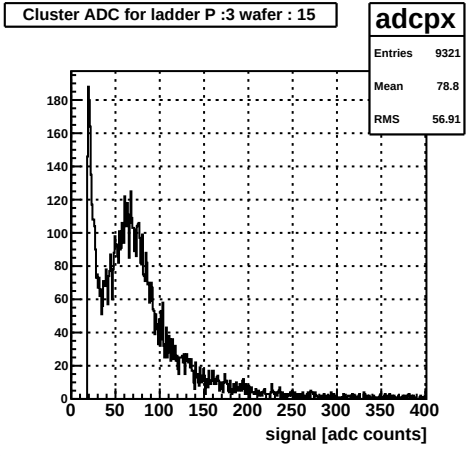

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 17769
Mean 57.31
RMS 50.48
signal [adc counts]

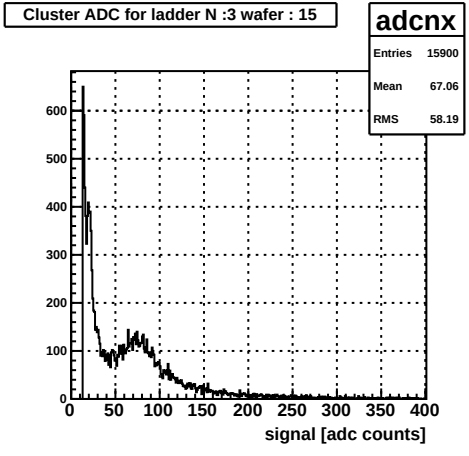

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 14253
Mean 65.85
RMS 55.57
signal [adc counts]

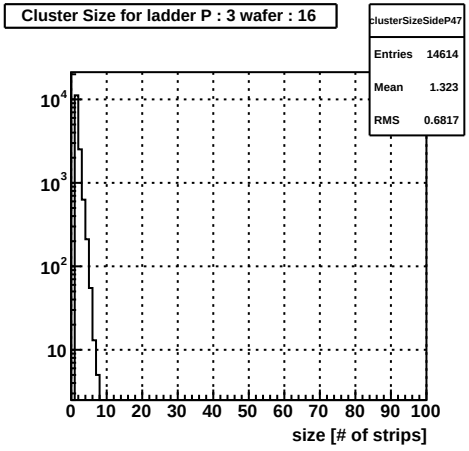

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 9321
Mean 1.371
RMS 0.6641
size [# of strips]

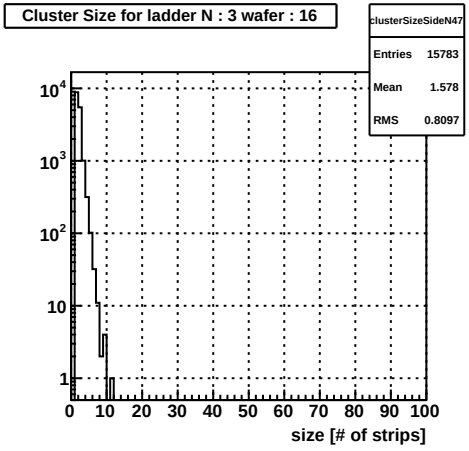

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 15900
Mean 1.399
RMS 0.7269
size [# of strips]

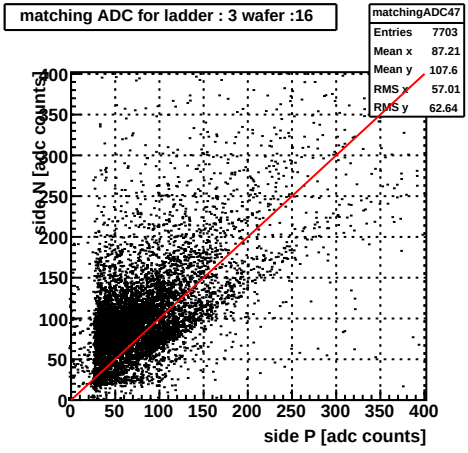

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 6630
Mean x 86.89
Mean y 97.41
RMS x 57.91
RMS y 59.67
side N [adc counts]
side P [adc counts]

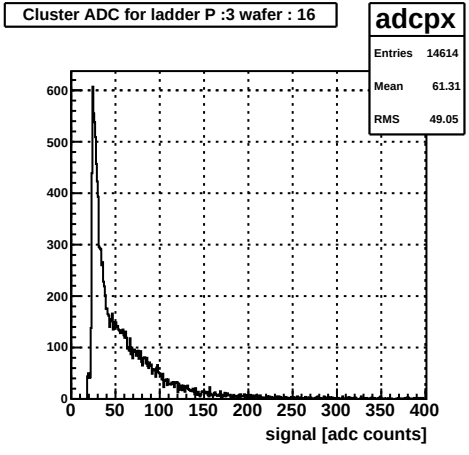

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 9321
Mean 78.8
RMS 56.91
signal [adc counts]

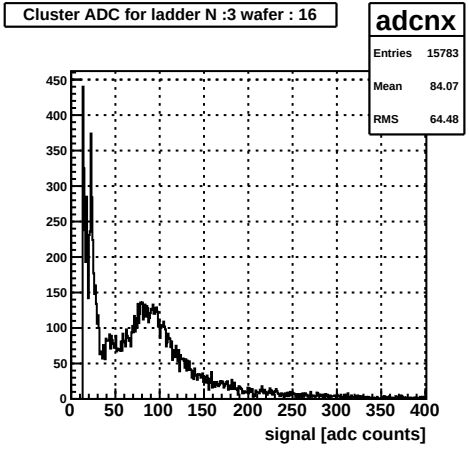

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 15900
Mean 67.06
RMS 58.19
signal [adc counts]

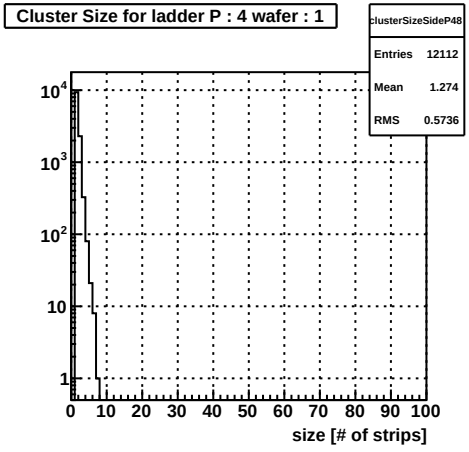

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 14614
Mean 1.323
RMS 0.6817
size [# of strips]

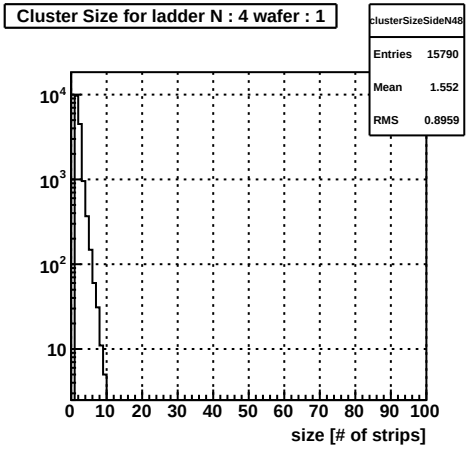

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 15783
Mean 1.578
RMS 0.8097
size [# of strips]

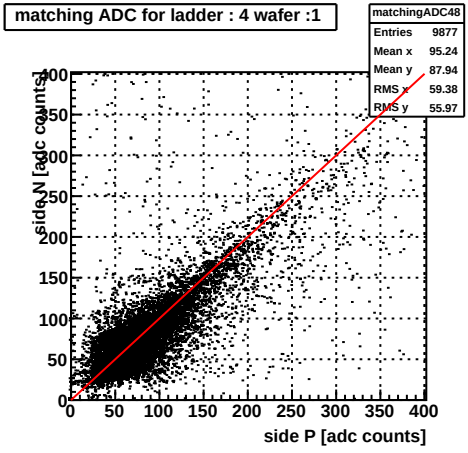

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 7703
Mean x 87.21
Mean y 107.6
RMS x 57.01
RMS y 62.64
side N [adc counts]
side P [adc counts]

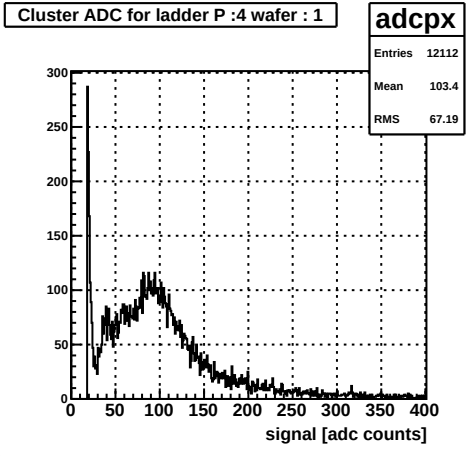

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 14614
Mean 61.31
RMS 49.05
signal [adc counts]

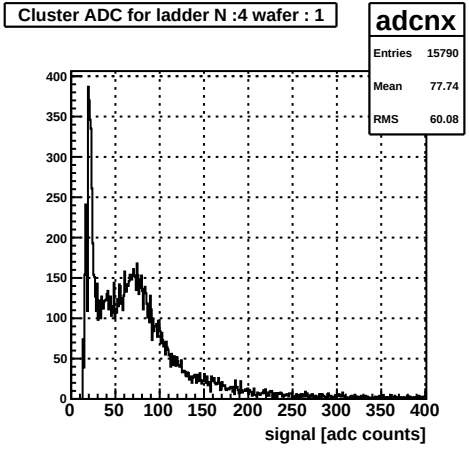

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 15783
Mean 84.07
RMS 64.48
signal [adc counts]

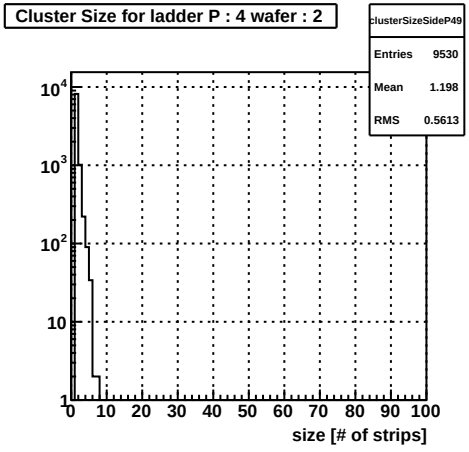

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 12112
Mean 1.274
RMS 0.5736
size [# of strips]

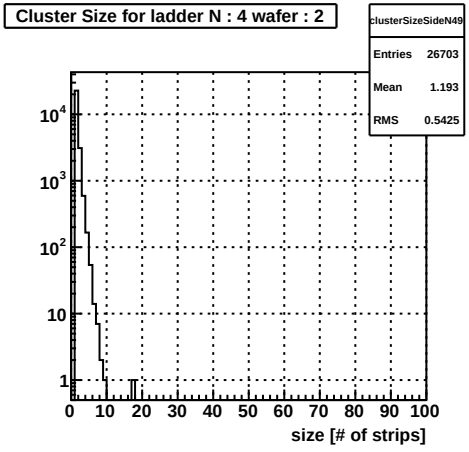

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 15790
Mean 1.552
RMS 0.8959
size [# of strips]

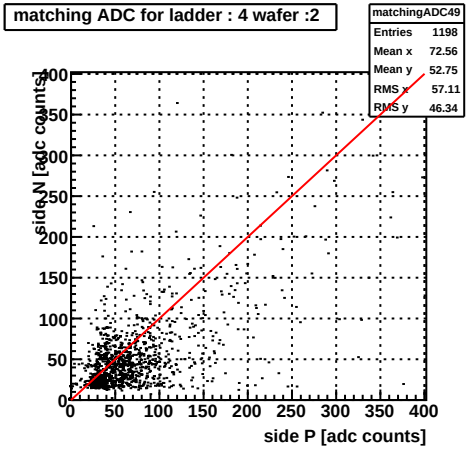

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9877
Mean x 95.24
Mean y 87.94
RMS x 59.38
RMS y 55.97
side N [adc counts]
side P [adc counts]

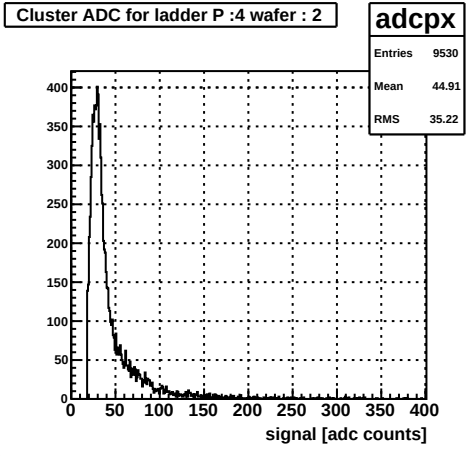

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 12112
Mean 103.4
RMS 67.19
signal [adc counts]

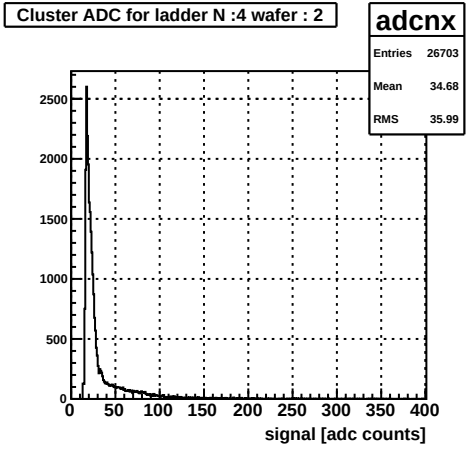

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 15790
Mean 77.74
RMS 60.08
signal [adc counts]

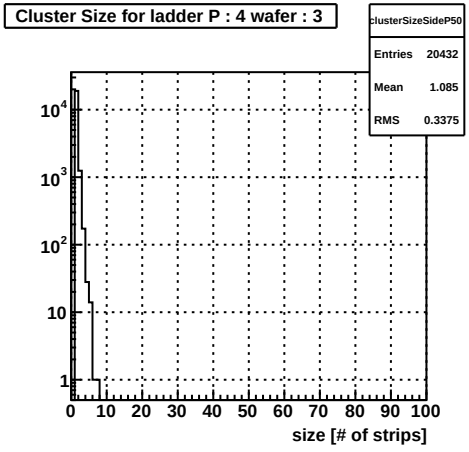

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 9530
Mean 1.198
RMS 0.5613
size [# of strips]

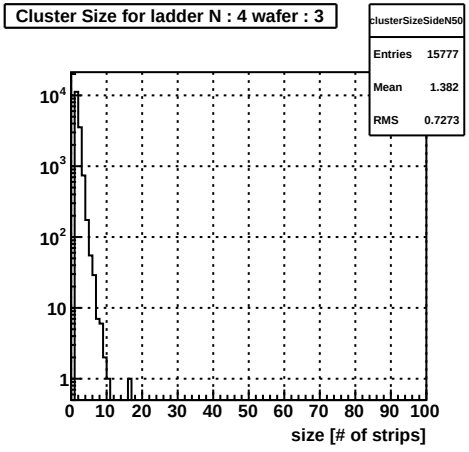

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26703
Mean 1.193
RMS 0.5425
size [# of strips]

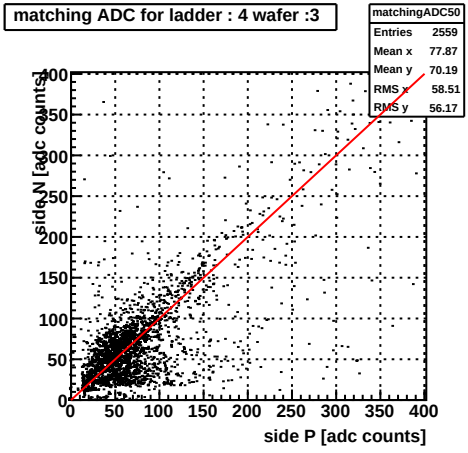

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1198
Mean x 72.56
Mean y 52.75
RMS x 57.11
RMS y 46.34
side N [adc counts]
side P [adc counts]

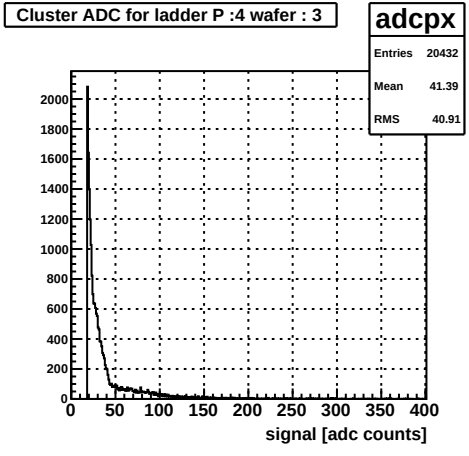

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 9530
Mean 44.91
RMS 35.22
signal [adc counts]

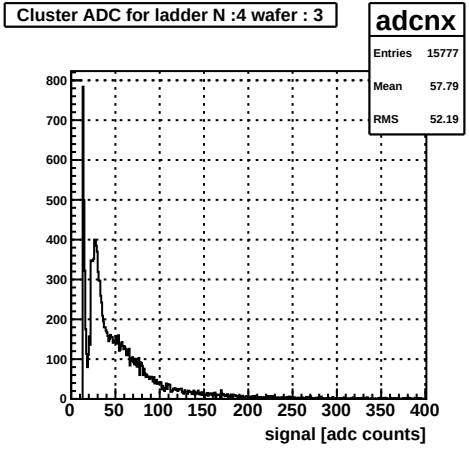

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26703
Mean 34.68
RMS 35.99
signal [adc counts]

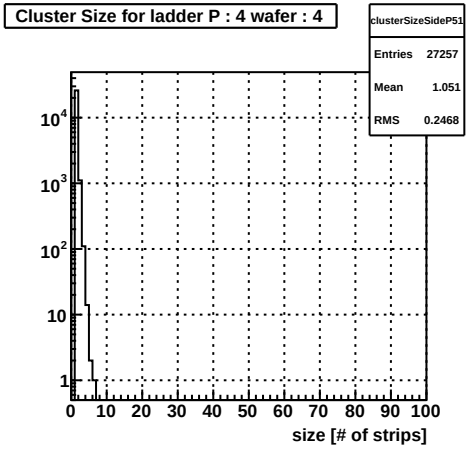

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 20432
Mean 1.085
RMS 0.3375
size [# of strips]

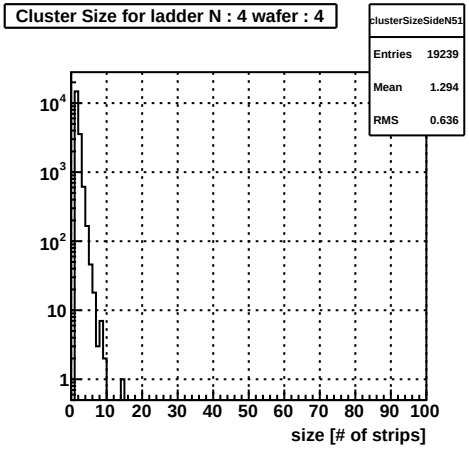

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 15777
Mean 1.382
RMS 0.7273
size [# of strips]

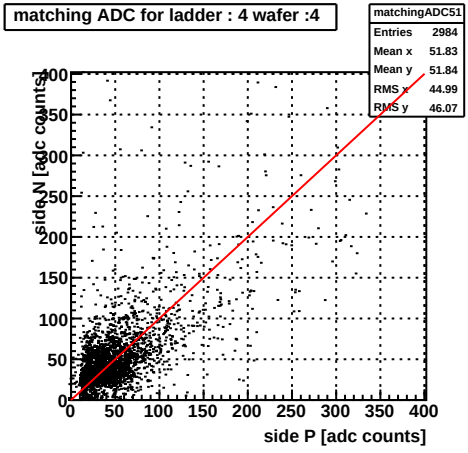

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2559
Mean x 77.87
Mean y 70.19
RMS x 58.51
RMS y 56.17
side N [adc counts]
side P [adc counts]

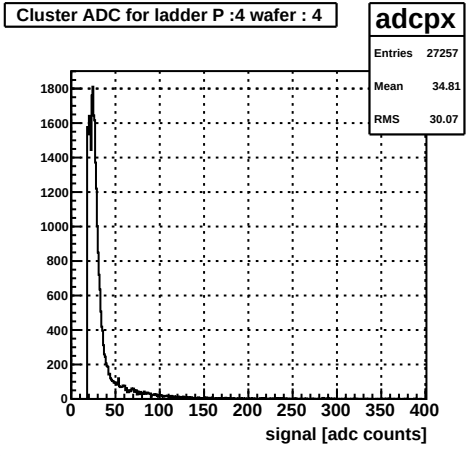

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 20432
Mean 41.39
RMS 40.91
signal [adc counts]

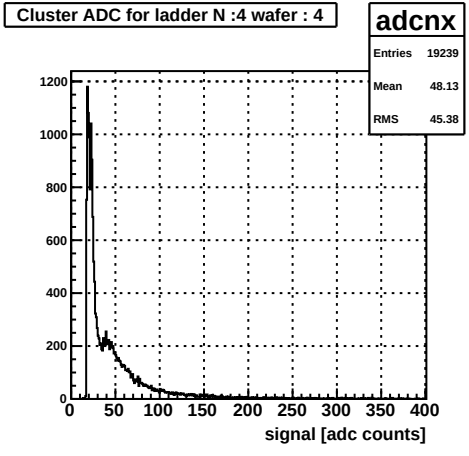

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 15777
Mean 57.79
RMS 52.19
signal [adc counts]

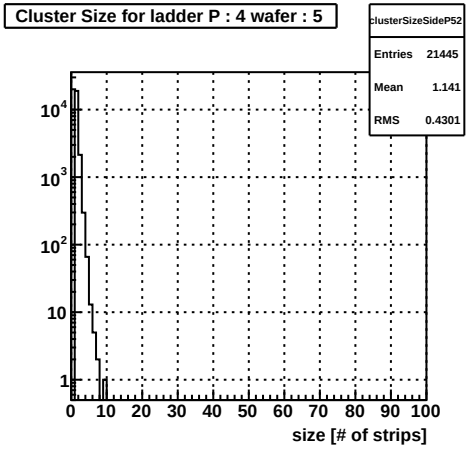

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 27257
Mean 1.051
RMS 0.2468
size [# of strips]

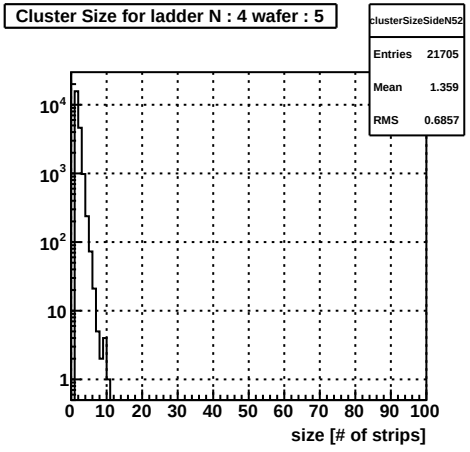

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 19239
Mean 1.294
RMS 0.636
size [# of strips]

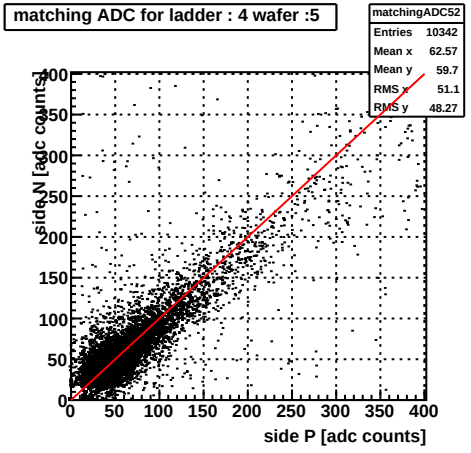

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2984
Mean x 51.83
Mean y 51.84
RMS x 44.99
RMS y 46.07
side N [adc counts]
side P [adc counts]

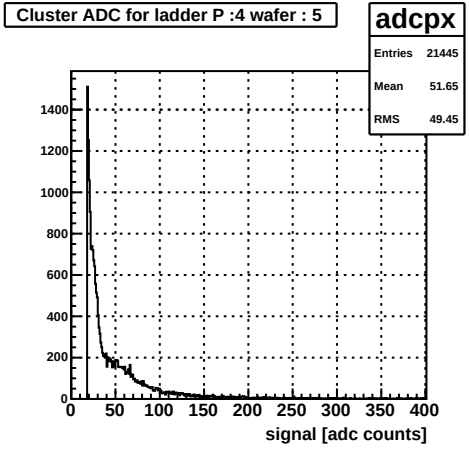

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 27257
Mean 34.81
RMS 30.07
signal [adc counts]

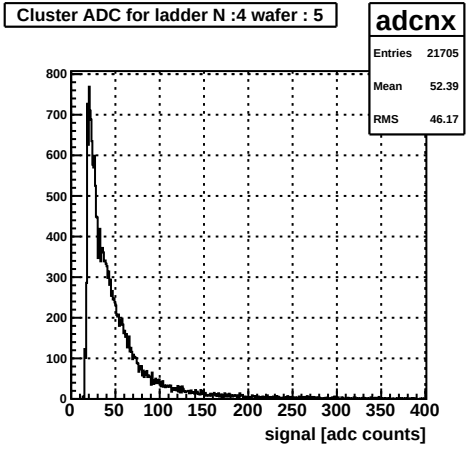

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 19239
Mean 48.13
RMS 45.38
signal [adc counts]

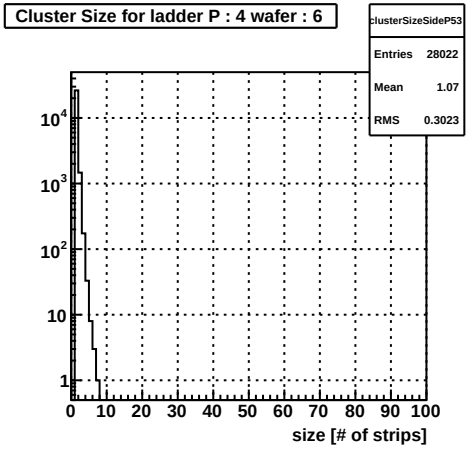

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 21445
Mean 1.141
RMS 0.4301
size [# of strips]

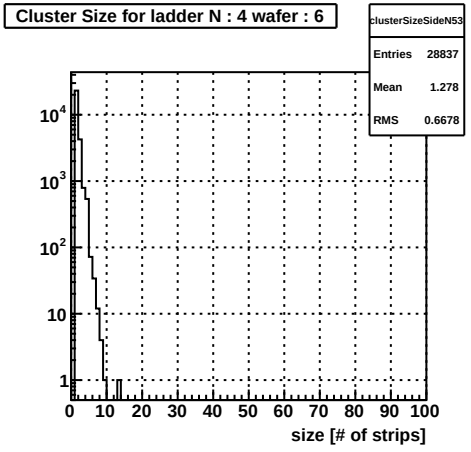

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 21705
Mean 1.359
RMS 0.6857
size [# of strips]

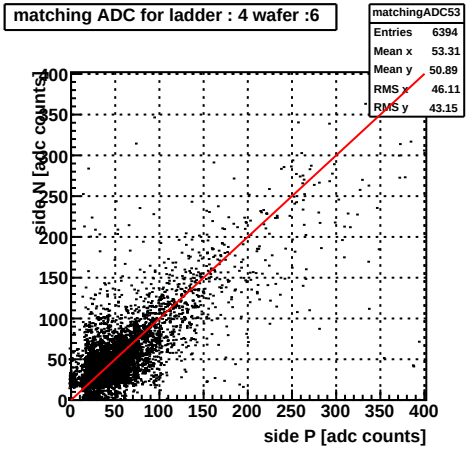

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 10342
Mean x 62.57
Mean y 59.7
RMS x 51.1
RMS y 48.27
side N [adc counts]
side P [adc counts]

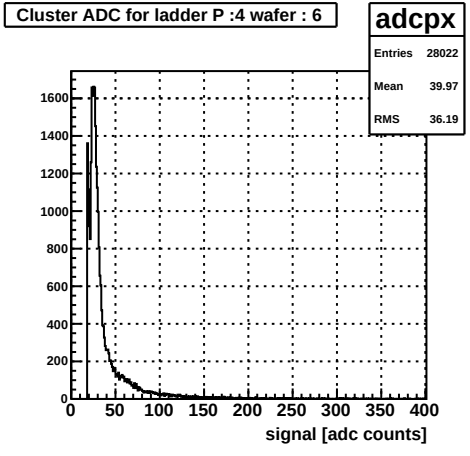

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 21445
Mean 51.65
RMS 49.45
signal [adc counts]

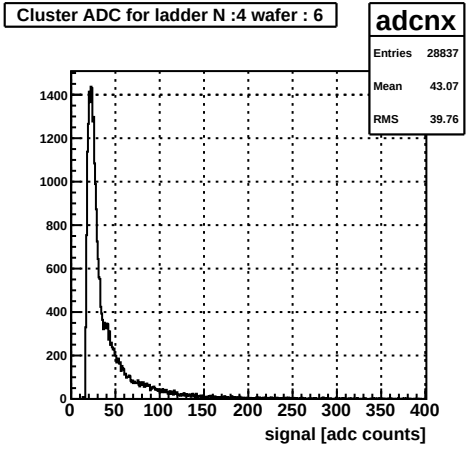

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 21705
Mean 52.39
RMS 46.17
signal [adc counts]

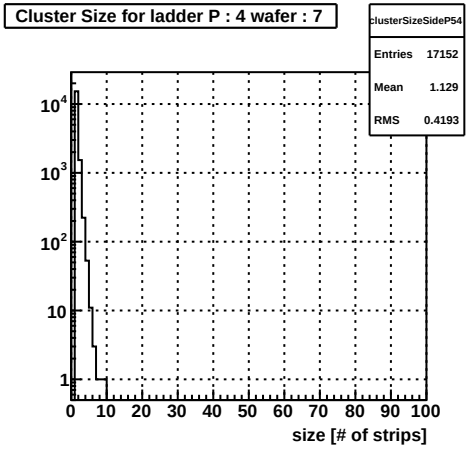

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 28022
Mean 1.07
RMS 0.3023
size [# of strips]

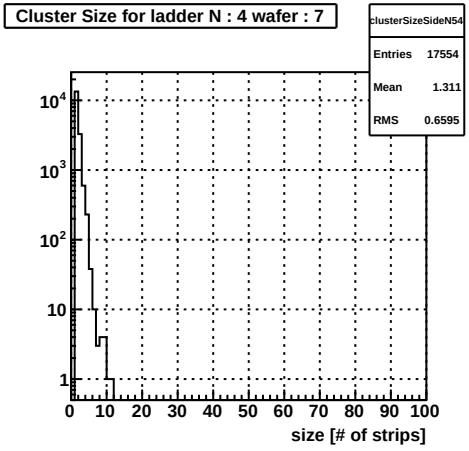

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 28837
Mean 1.278
RMS 0.6678
size [# of strips]

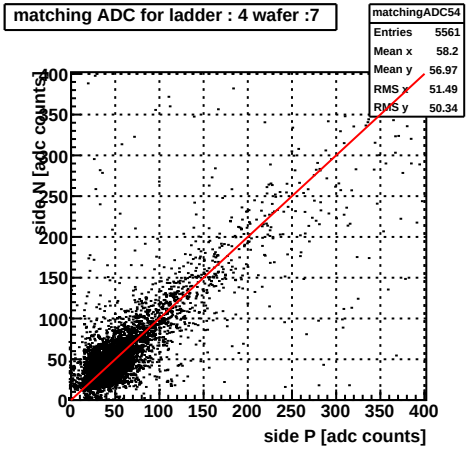

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6394
Mean x 53.31
Mean y 50.89
RMS x 46.11
RMS y 43.15
side N [adc counts]
side P [adc counts]

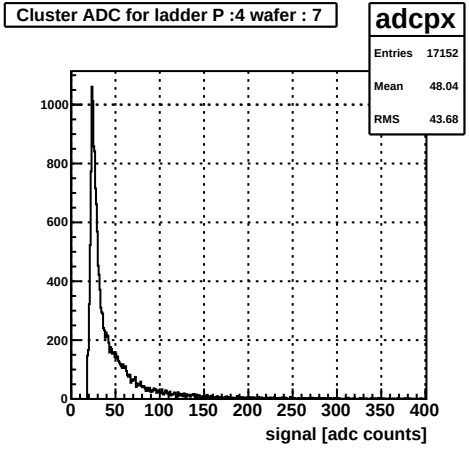

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 28022
Mean 39.97
RMS 36.19
signal [adc counts]

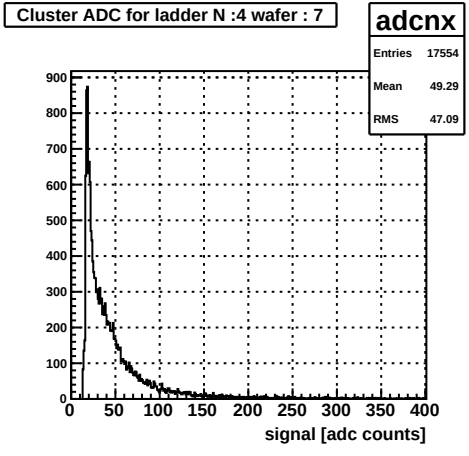

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 28837
Mean 43.07
RMS 39.76
signal [adc counts]

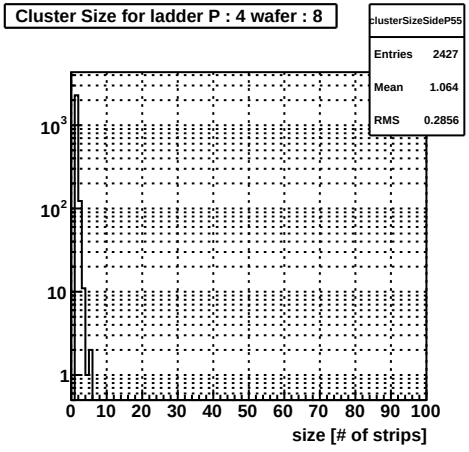

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 17152
Mean 1.129
RMS 0.4193
size [# of strips]

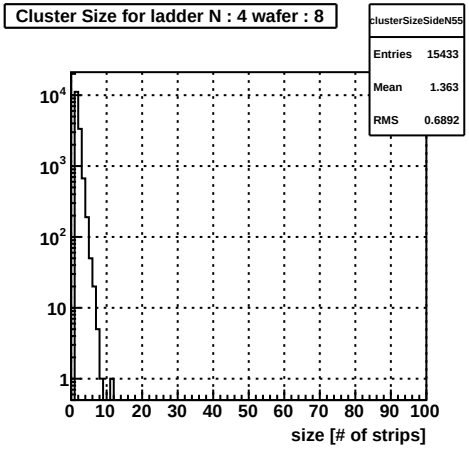

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 17554
Mean 1.311
RMS 0.6595
size [# of strips]

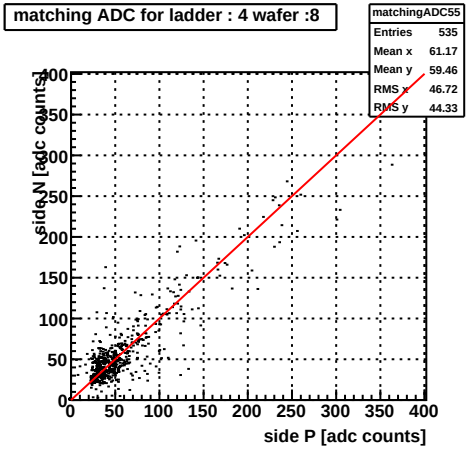

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 5561
Mean x 58.2
Mean y 56.97
RMS x 51.49
RMS y 50.34
side N [adc counts]
side P [adc counts]

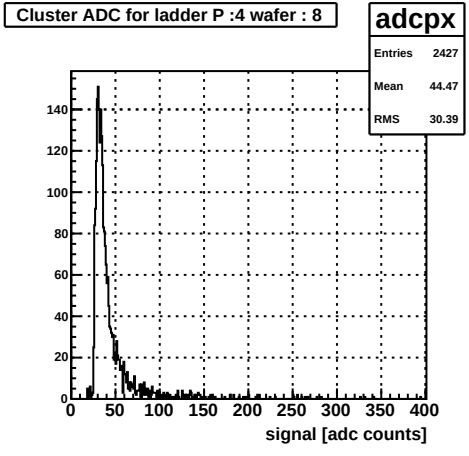

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 17152
Mean 48.04
RMS 43.68
signal [adc counts]

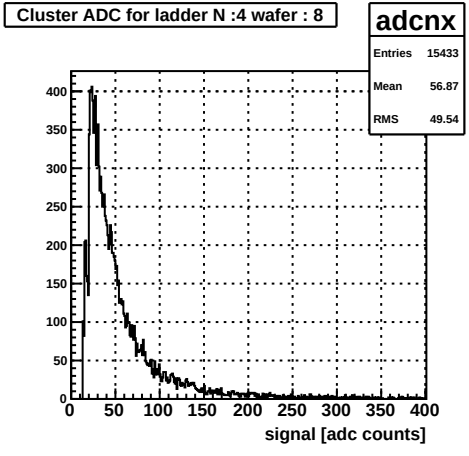

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 17554
Mean 49.29
RMS 47.09
signal [adc counts]

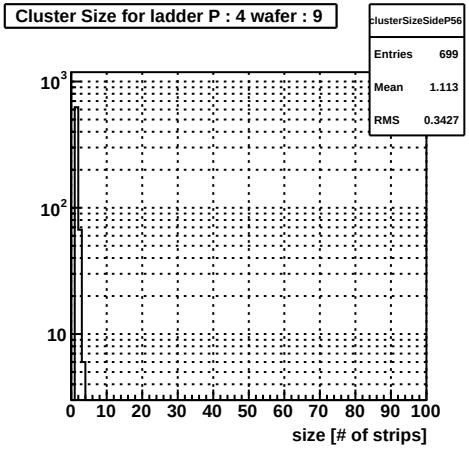

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2427
Mean 1.064
RMS 0.2856
size [# of strips]

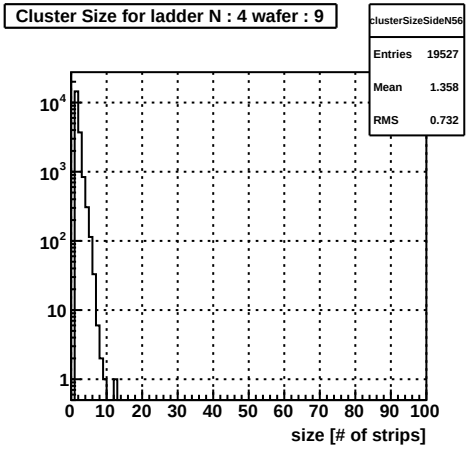

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 15433
Mean 1.363
RMS 0.6892
size [# of strips]

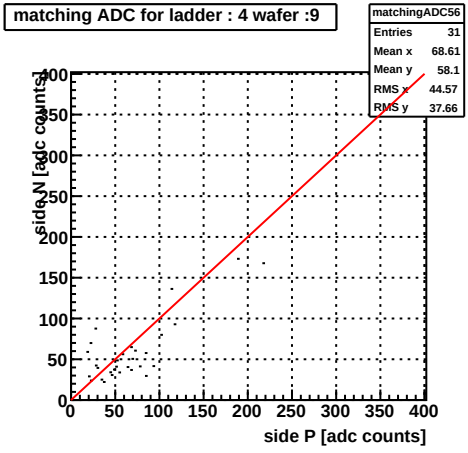

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 535
Mean x 61.17
Mean y 59.46
RMS x 46.72
RMS y 44.33
side N [adc counts]
side P [adc counts]

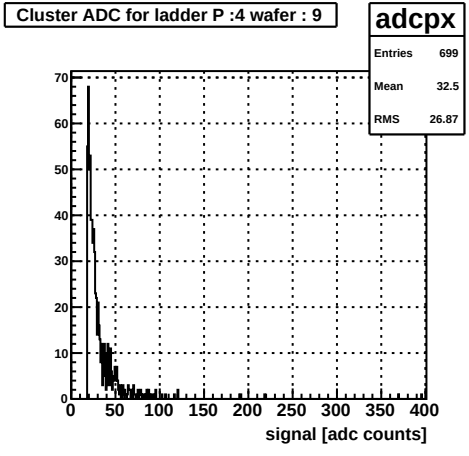

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2427
Mean 44.47
RMS 30.39
signal [adc counts]

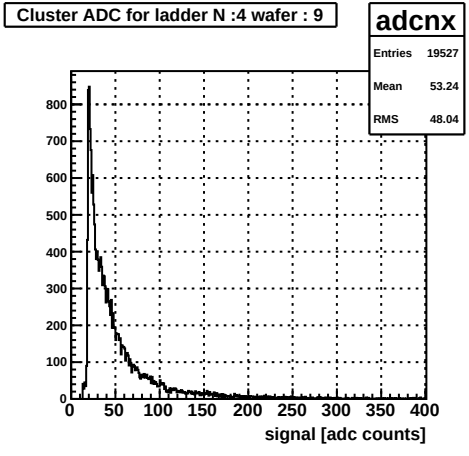

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 15433
Mean 56.87
RMS 49.54
signal [adc counts]

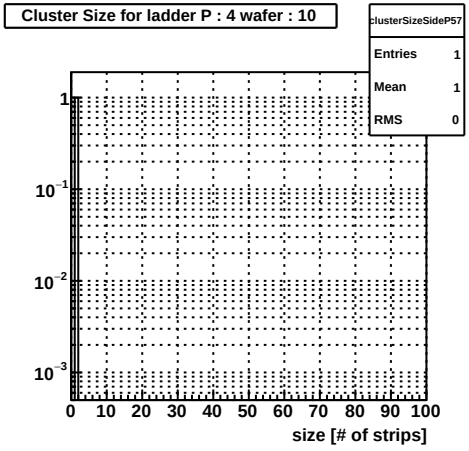

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 699
Mean 1.113
RMS 0.3427
size [# of strips]

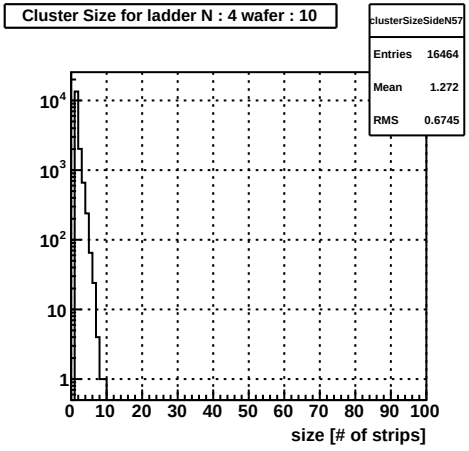

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 19527
Mean 1.358
RMS 0.732
size [# of strips]

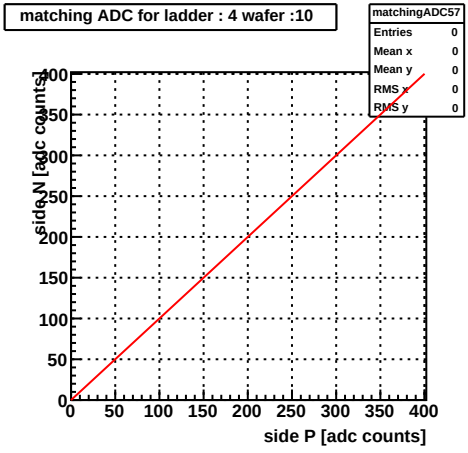

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 31
Mean x 68.61
Mean y 58.1
RMS x 44.57
RMS y 37.66
side N [adc counts]
side P [adc counts]

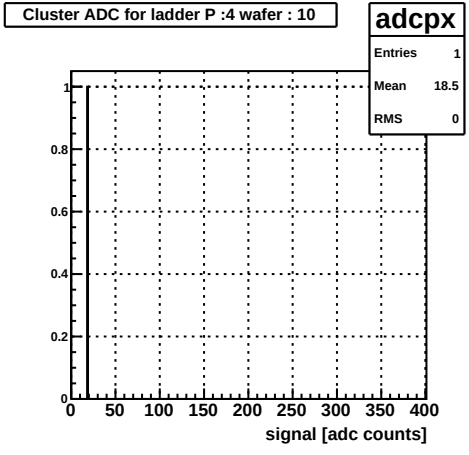

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 699
Mean 32.5
RMS 26.87
signal [adc counts]

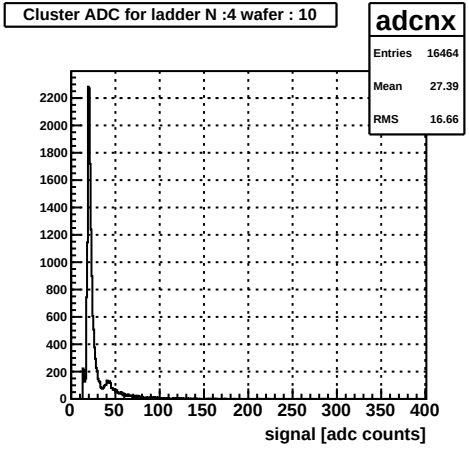

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 19527
Mean 53.24
RMS 48.04
signal [adc counts]

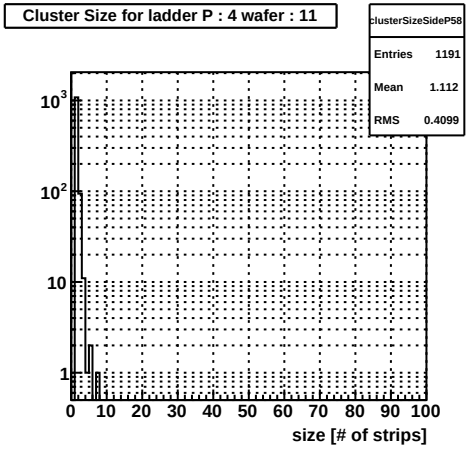

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1
Mean 1
RMS 0
size [# of strips]

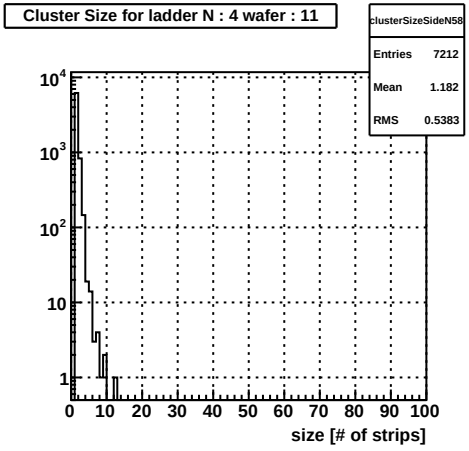

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16464
Mean 1.272
RMS 0.6745
size [# of strips]

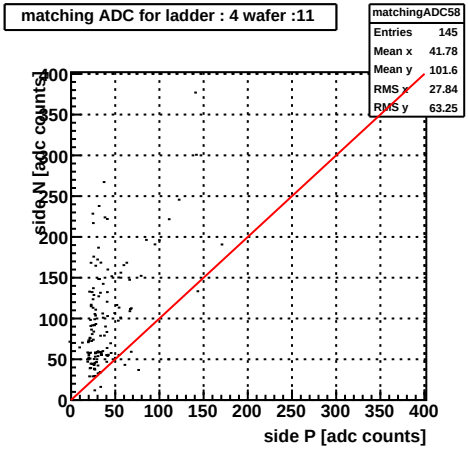

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

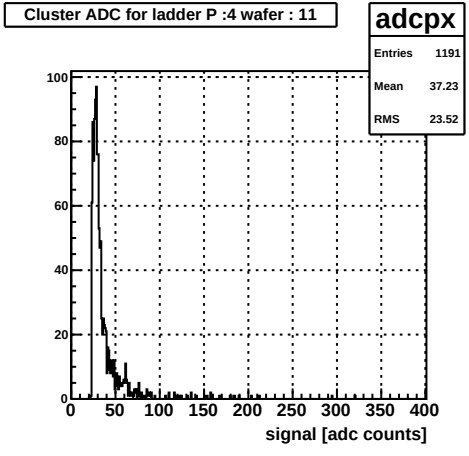

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1
Mean 18.5
RMS 0
signal [adc counts]

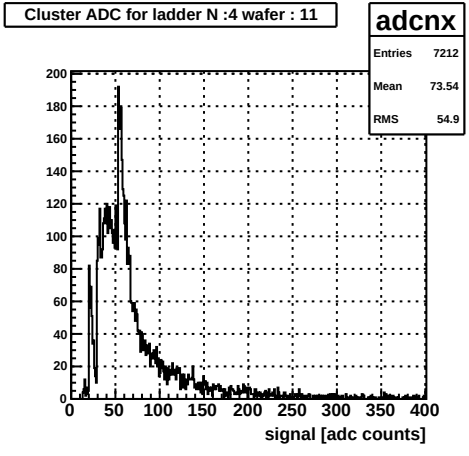

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16464
Mean 27.39
RMS 16.66
signal [adc counts]

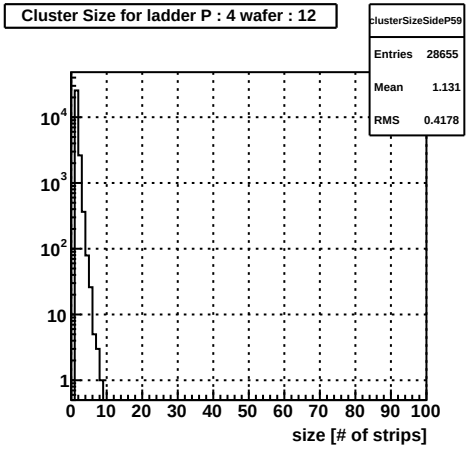

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 1191
Mean 1.112
RMS 0.4099
size [# of strips]

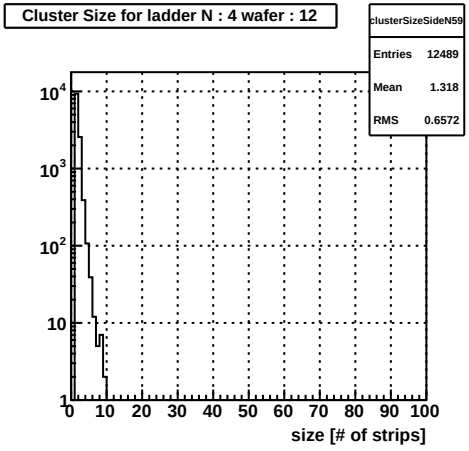

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 7212
Mean 1.182
RMS 0.5383
size [# of strips]

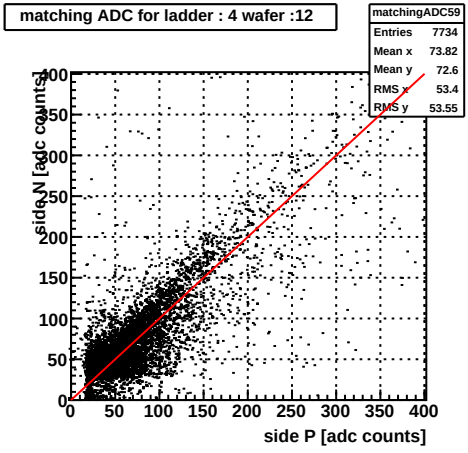

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 145
Mean x 41.78
Mean y 101.6
RMS x 27.84
RMS y 63.25
side N [adc counts]
side P [adc counts]

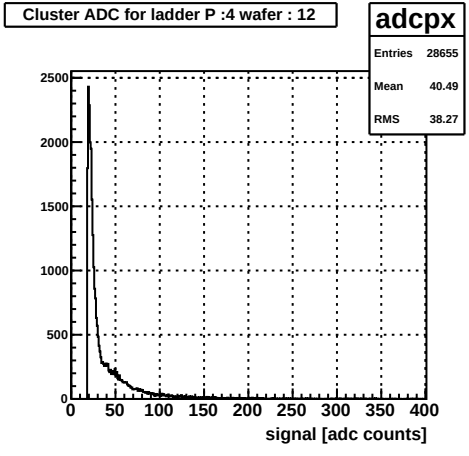

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 1191
Mean 37.23
RMS 23.52
signal [adc counts]

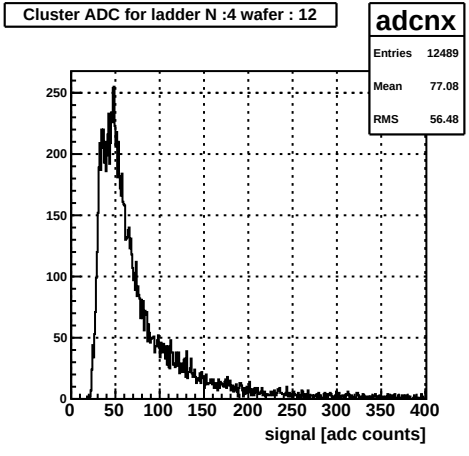

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 7212
Mean 73.54
RMS 54.9
signal [adc counts]

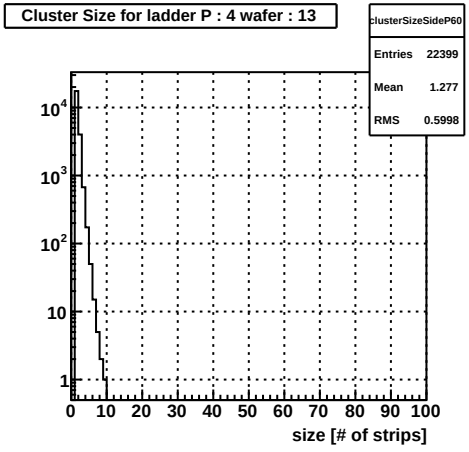

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 28655
Mean 1.131
RMS 0.4178
size [# of strips]

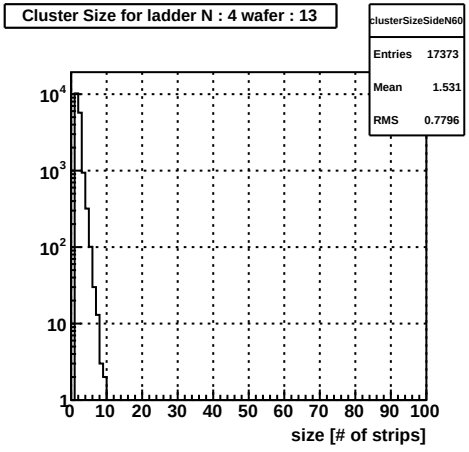

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 12489
Mean 1.318
RMS 0.6572
size [# of strips]

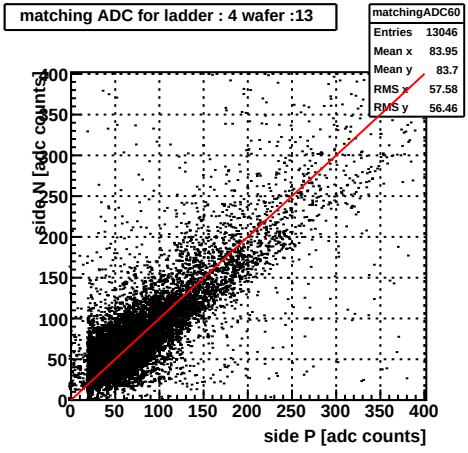

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 7734
Mean x 73.82
Mean y 72.6
RMS x 53.4
RMS y 53.55
side N [adc counts]
side P [adc counts]

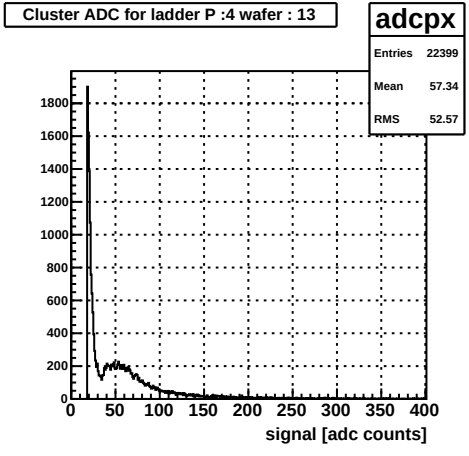

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 28655
Mean 40.49
RMS 38.27
signal [adc counts]

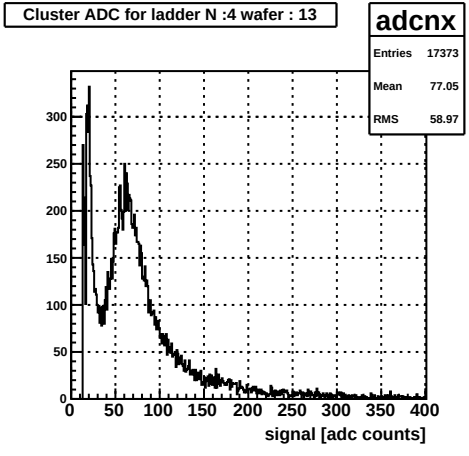

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 12489
Mean 77.08
RMS 56.48
signal [adc counts]

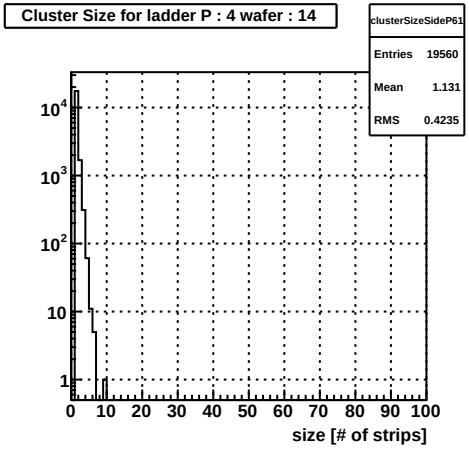

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 22399
Mean 1.277
RMS 0.5998
size [# of strips]

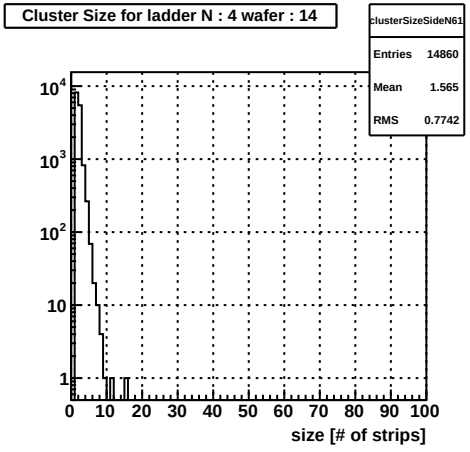

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 17373
Mean 1.531
RMS 0.7796
size [# of strips]

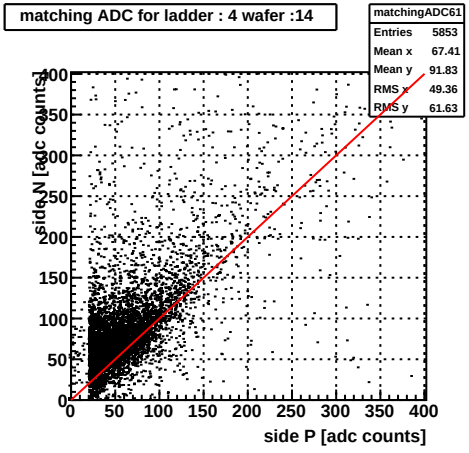

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 13046
Mean x 83.95
Mean y 83.7
RMS x 57.58
RMS y 56.46
side N [adc counts]
side P [adc counts]

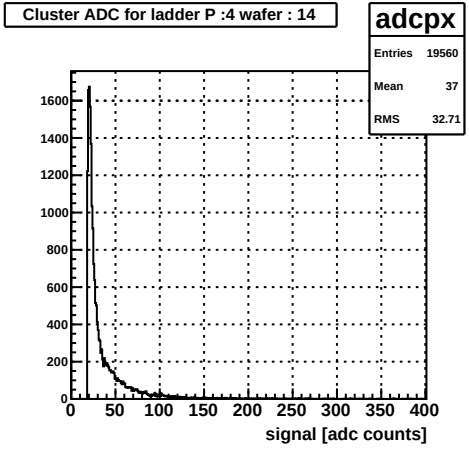

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 22399
Mean 57.34
RMS 52.57
signal [adc counts]

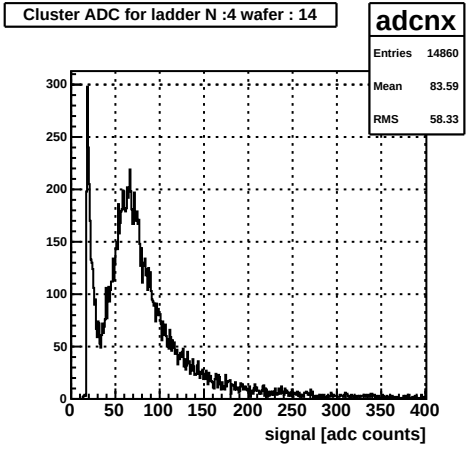

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 17373
Mean 77.05
RMS 58.97
signal [adc counts]

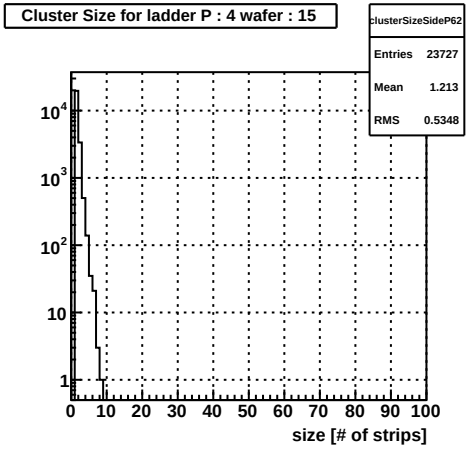

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 19560
Mean 1.131
RMS 0.4235
size [# of strips]

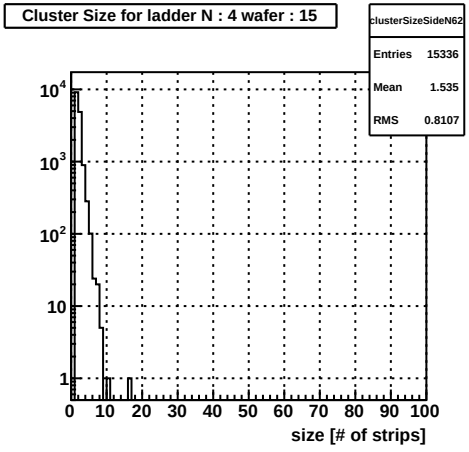

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 14860
Mean 1.565
RMS 0.7742
size [# of strips]

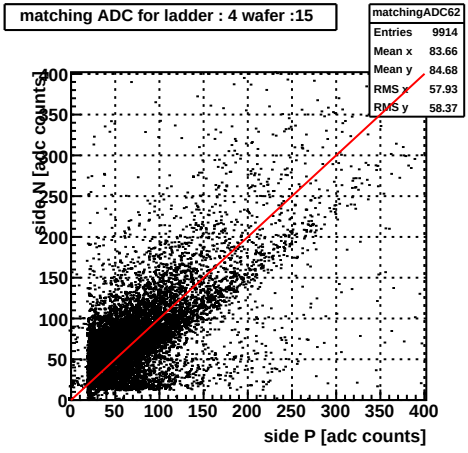

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5853
Mean x 67.41
Mean y 91.83
RMS x 49.36
RMS y 61.63
side N [adc counts]
side P [adc counts]

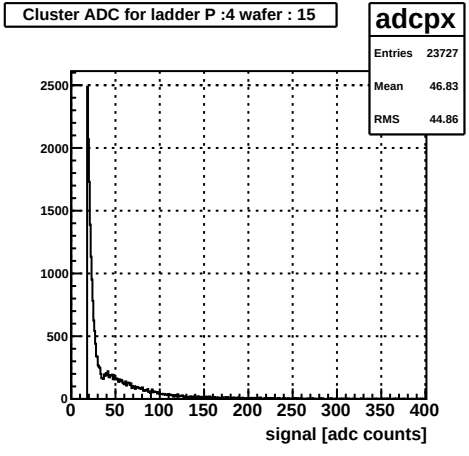

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 19560
Mean 37
RMS 32.71
signal [adc counts]

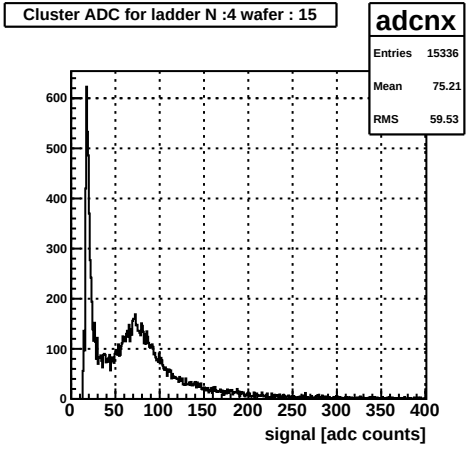

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 14860
Mean 83.59
RMS 58.33
signal [adc counts]

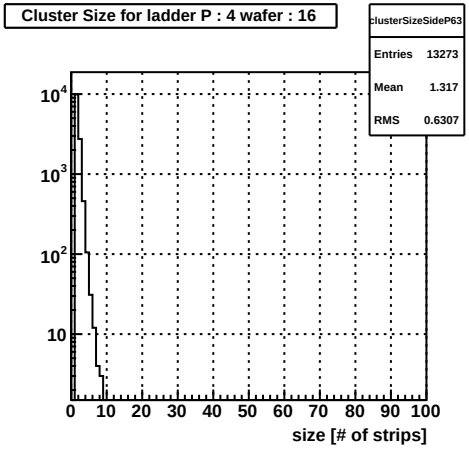

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 23727
Mean 1.213
RMS 0.5348
size [# of strips]

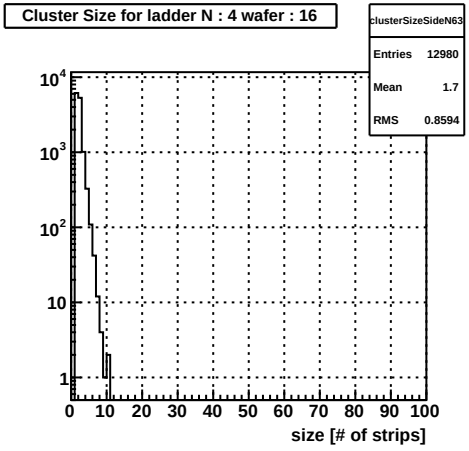

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 15336
Mean 1.535
RMS 0.8107
size [# of strips]

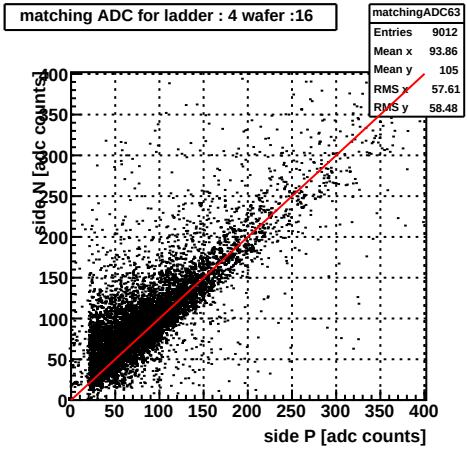

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 9914
Mean x 83.66
Mean y 84.68
RMS x 57.93
RMS y 58.37
side N [adc counts]
side P [adc counts]

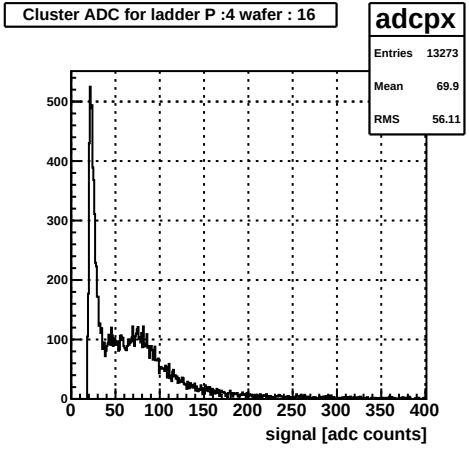

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 23727
Mean 46.83
RMS 44.86
signal [adc counts]

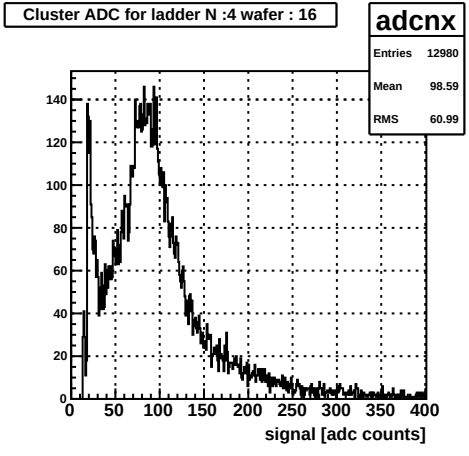

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 15336
Mean 75.21
RMS 59.53
signal [adc counts]

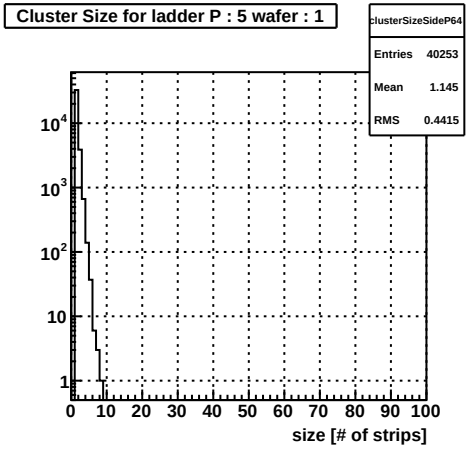

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 13273
Mean 1.317
RMS 0.6307
size [# of strips]

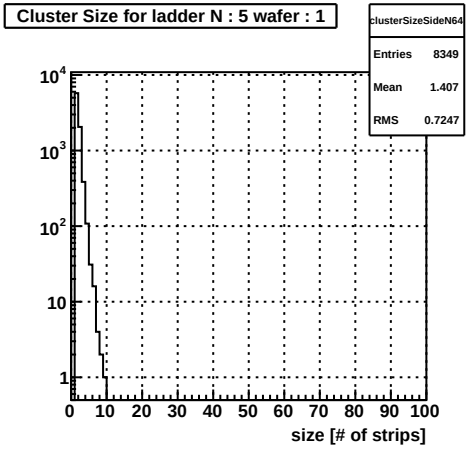

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 12980
Mean 1.7
RMS 0.8594
size [# of strips]

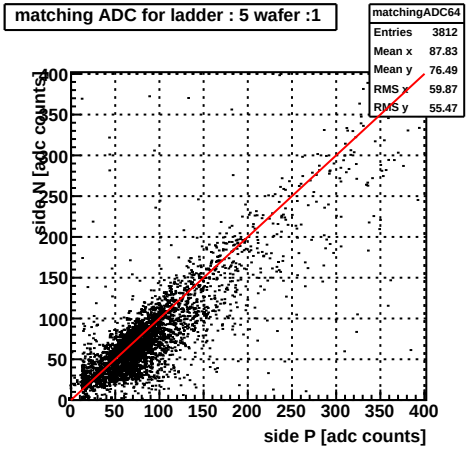

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 9012
Mean x 93.86
Mean y 105
RMS x 57.61
RMS y 58.48
side N [adc counts]
side P [adc counts]

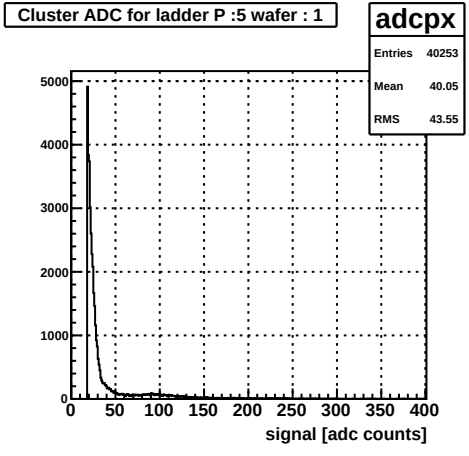

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 13273
Mean 69.9
RMS 56.11
signal [adc counts]

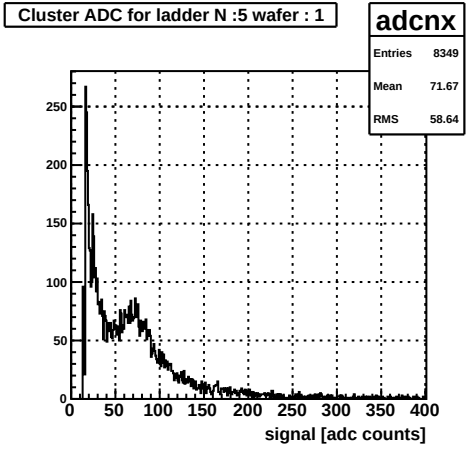

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 12980
Mean 98.59
RMS 60.99
signal [adc counts]

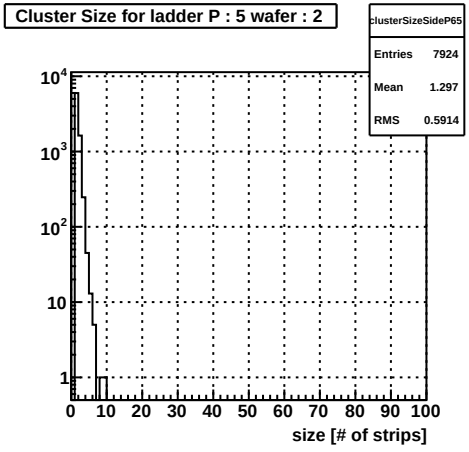

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 40253
Mean 1.145
RMS 0.4415
size [# of strips]

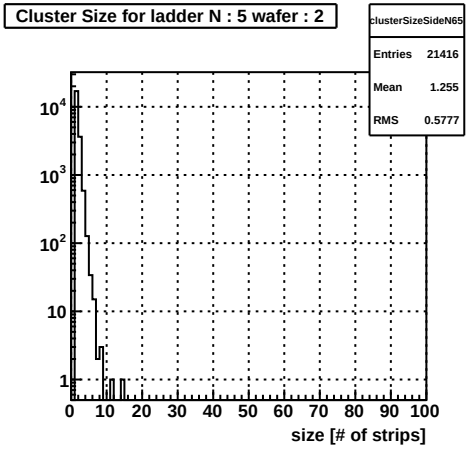

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8349
Mean 1.407
RMS 0.7247
size [# of strips]

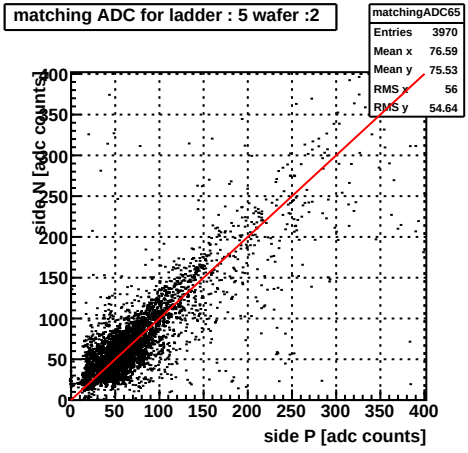

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3812
Mean x 87.83
Mean y 76.49
RMS x 59.87
RMS y 55.47
side N [adc counts]
side P [adc counts]

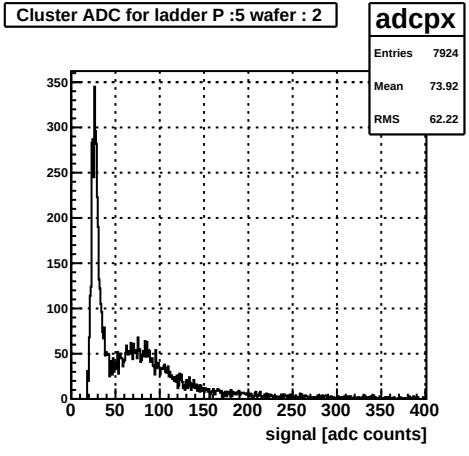

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 40253
Mean 40.05
RMS 43.55
signal [adc counts]

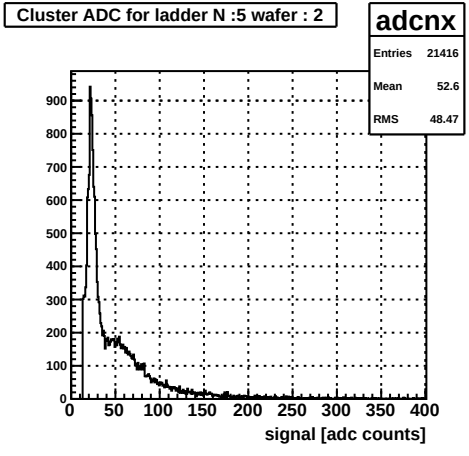

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8349
Mean 71.67
RMS 58.64
signal [adc counts]

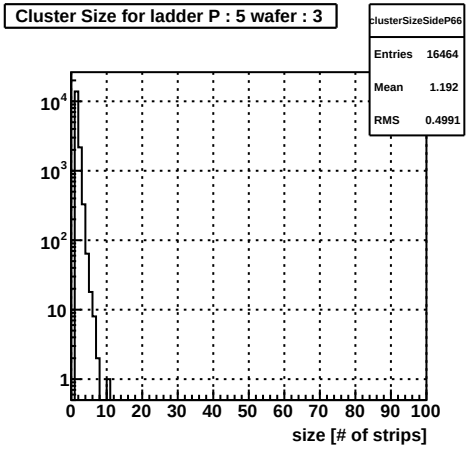

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 7924
Mean 1.297
RMS 0.5914
size [# of strips]

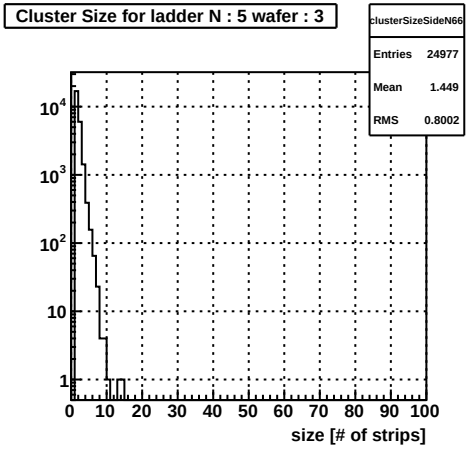

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 21416
Mean 1.255
RMS 0.5777
size [# of strips]

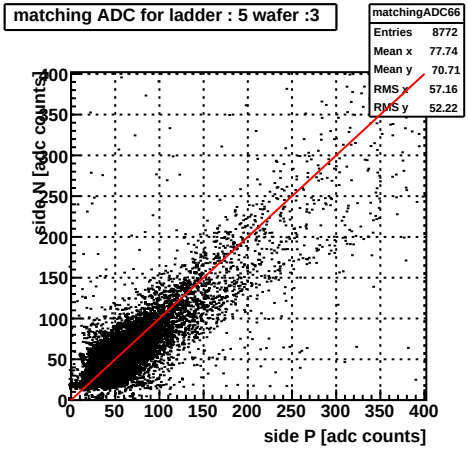

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 3970
Mean x 76.59
Mean y 75.53
RMS x 56
RMS y 54.64
side N [adc counts]
side P [adc counts]

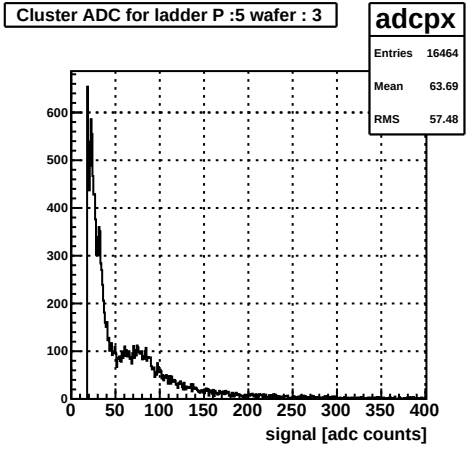

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 7924
Mean 73.92
RMS 62.22
signal [adc counts]

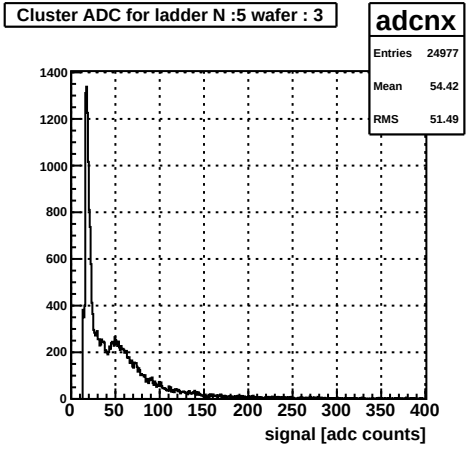

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 21416
Mean 52.6
RMS 48.47
signal [adc counts]

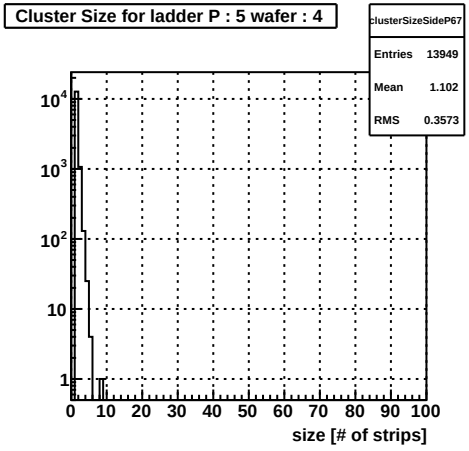

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 16464
Mean 1.192
RMS 0.4991
size [# of strips]

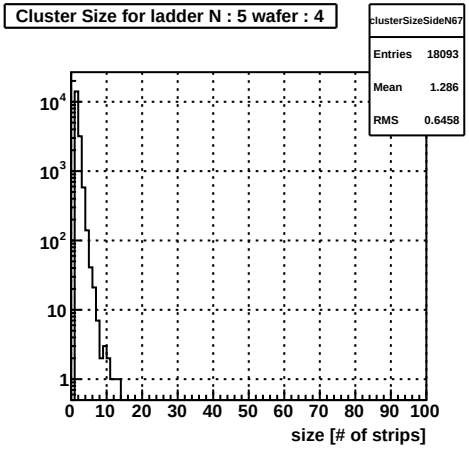

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 24977
Mean 1.449
RMS 0.8002
size [# of strips]

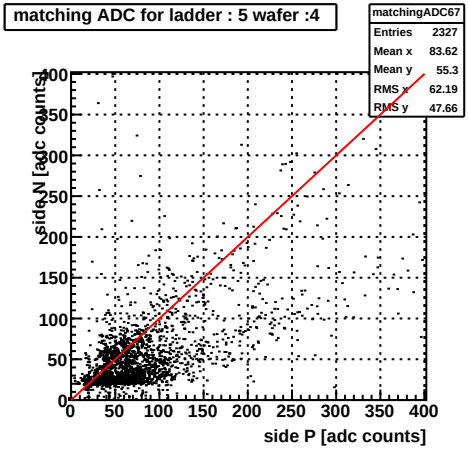

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 8772
Mean x 77.74
Mean y 70.71
RMS x 57.16
RMS y 52.22
side N [adc counts]
side P [adc counts]

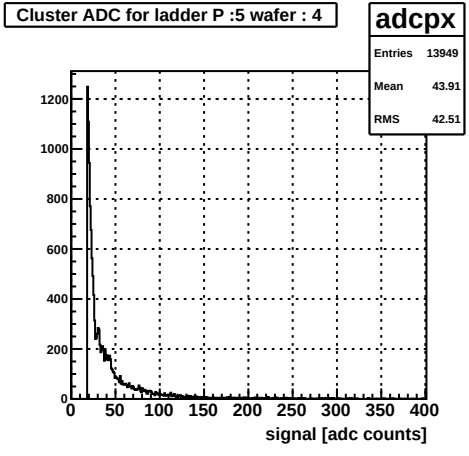

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 16464
Mean 63.69
RMS 57.48
signal [adc counts]

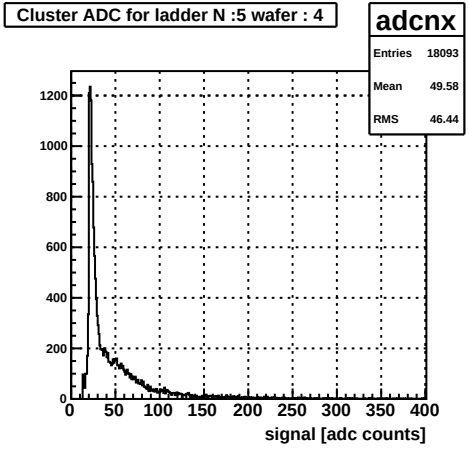

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 24977
Mean 54.42
RMS 51.49
signal [adc counts]

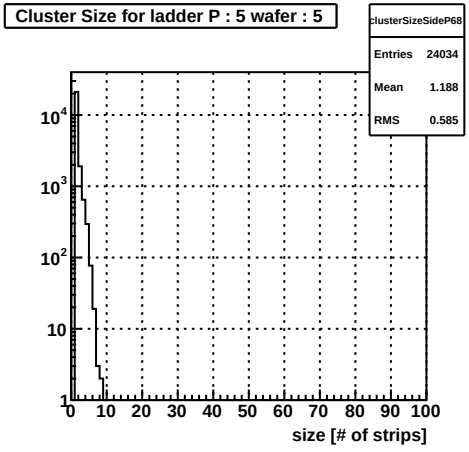

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 13949
Mean 1.102
RMS 0.3573
size [# of strips]

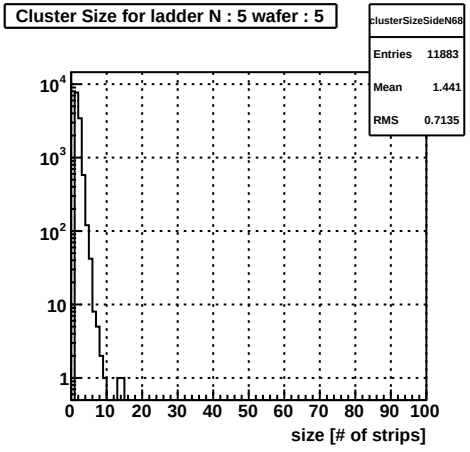

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 18093
Mean 1.286
RMS 0.6458
size [# of strips]

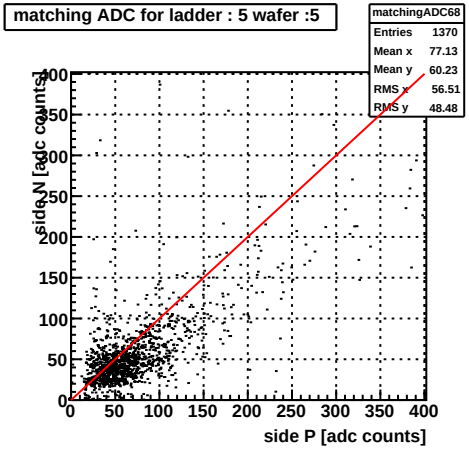

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 2327
Mean x 83.62
Mean y 55.3
RMS x 62.19
RMS y 47.66
side N [adc counts]
side P [adc counts]

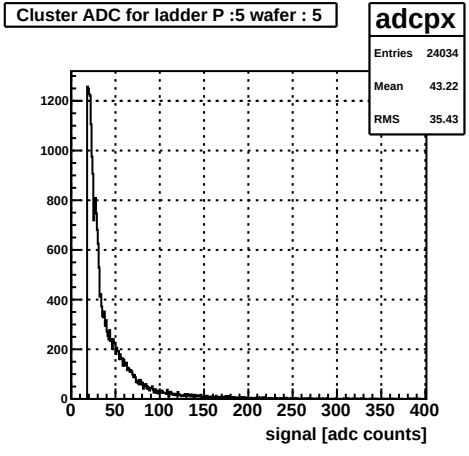

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 13949
Mean 43.91
RMS 42.51
signal [adc counts]

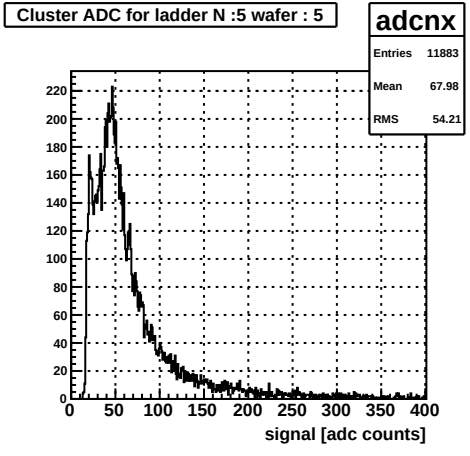

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 18093
Mean 49.58
RMS 46.44
signal [adc counts]

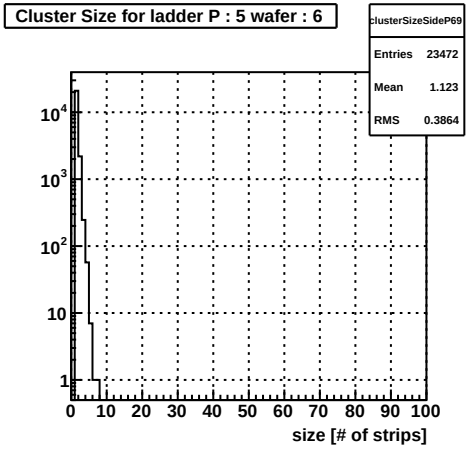

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 24034
Mean 1.188
RMS 0.585
size [# of strips]

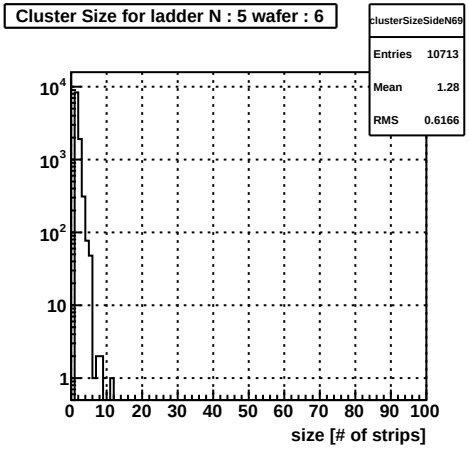

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 11883
Mean 1.441
RMS 0.7135
size [# of strips]

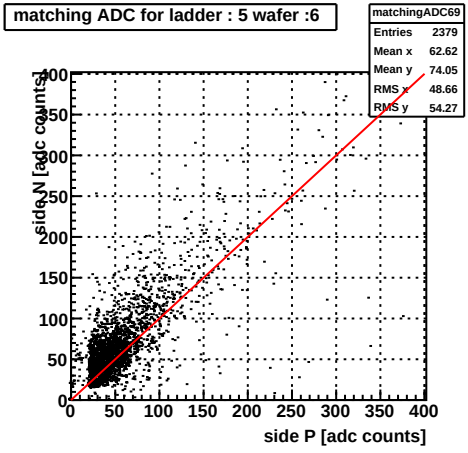

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1370
Mean x 77.13
Mean y 60.23
RMS x 56.51
RMS y 48.48
side N [adc counts]
side P [adc counts]

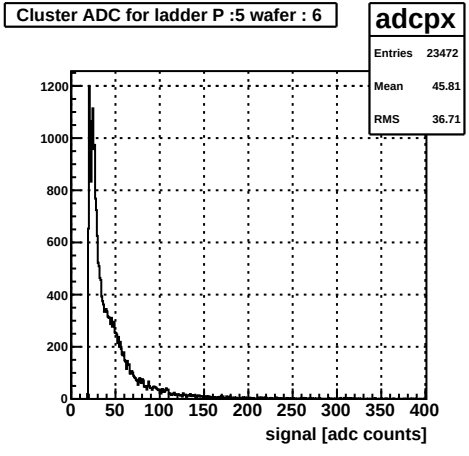

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 24034
Mean 43.22
RMS 35.43
signal [adc counts]

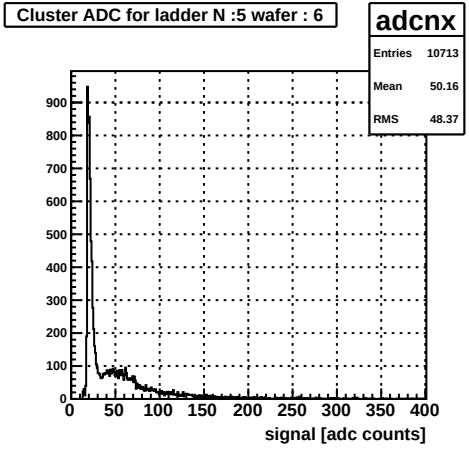

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 11883
Mean 67.98
RMS 54.21
signal [adc counts]

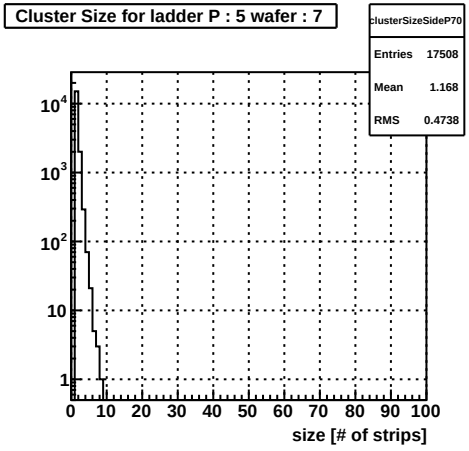

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 23472
Mean 1.123
RMS 0.3864
size [# of strips]

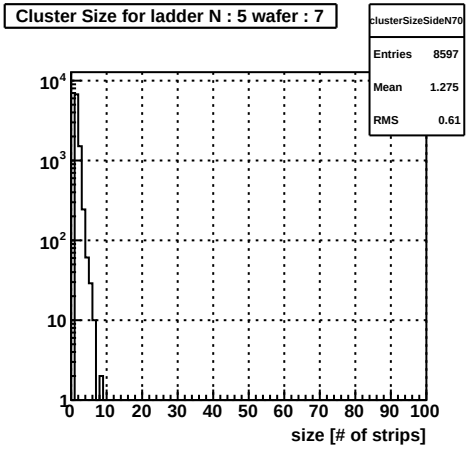

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 10713
Mean 1.28
RMS 0.6166
size [# of strips]

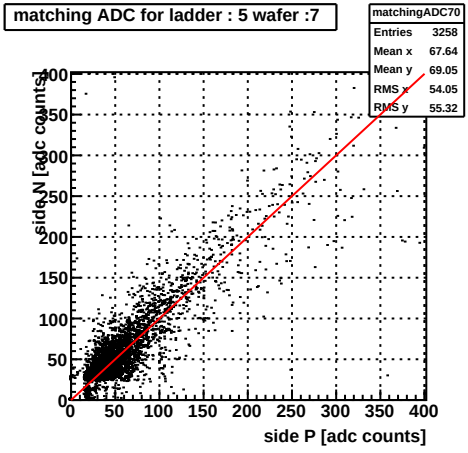

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2379
Mean x 62.62
Mean y 74.05
RMS x 48.66
RMS y 54.27
side N [adc counts]
side P [adc counts]

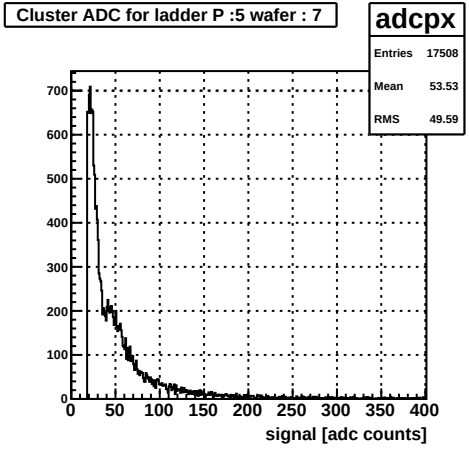

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 23472
Mean 45.81
RMS 36.71
signal [adc counts]

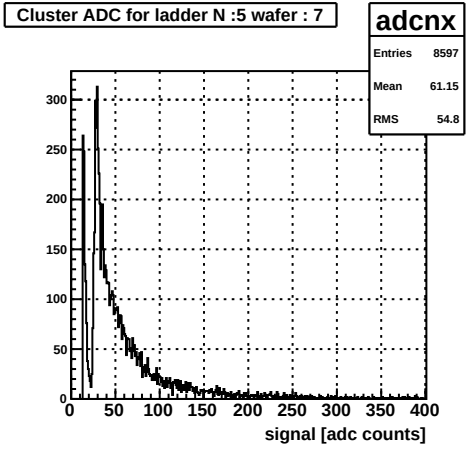

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 10713
Mean 50.16
RMS 48.37
signal [adc counts]

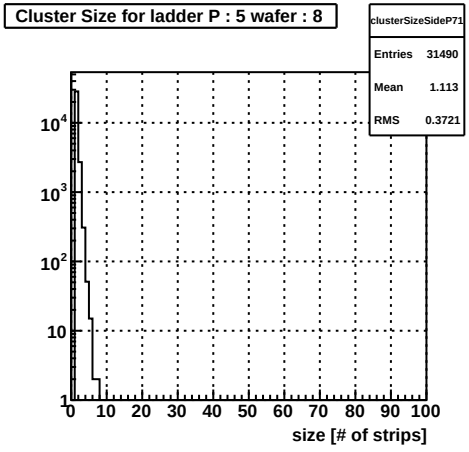

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 17508
Mean 1.168
RMS 0.4738
size [# of strips]

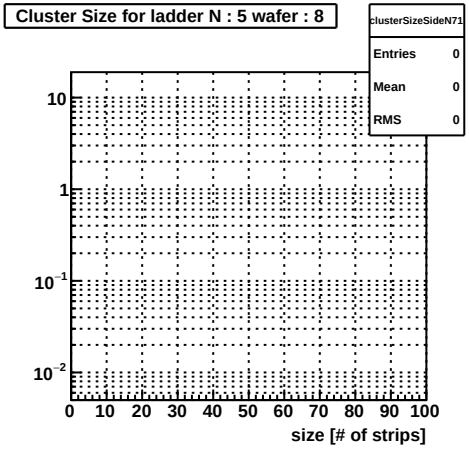

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8597
Mean 1.275
RMS 0.61
size [# of strips]

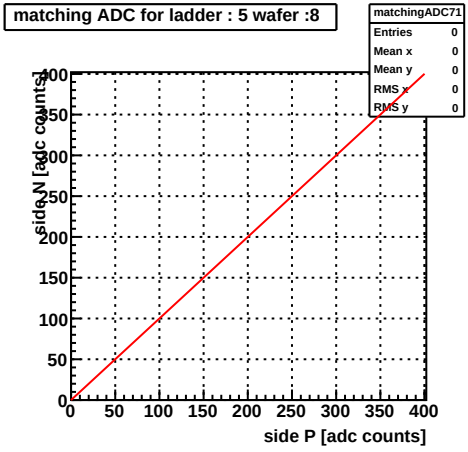

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3258
Mean x 67.64
Mean y 69.05
RMS x 54.05
RMS y 55.32
side N [adc counts]
side P [adc counts]

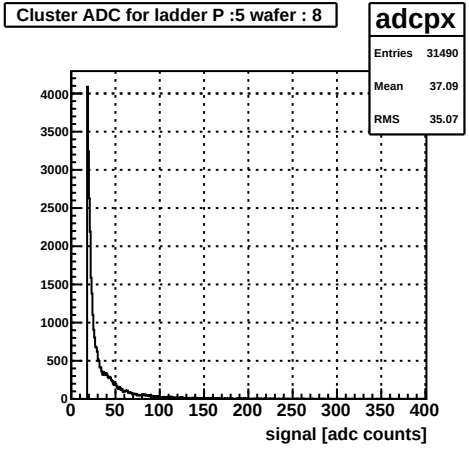

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 17508
Mean 53.53
RMS 49.59
signal [adc counts]

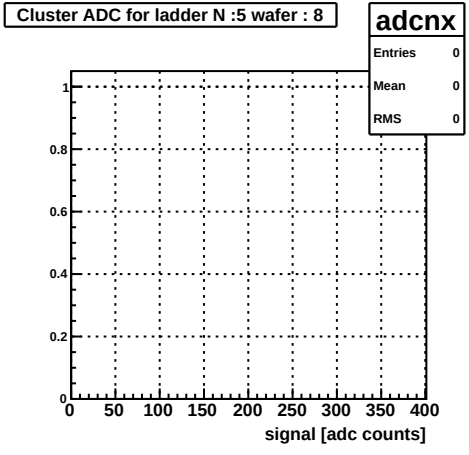

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8597
Mean 61.15
RMS 54.8
signal [adc counts]

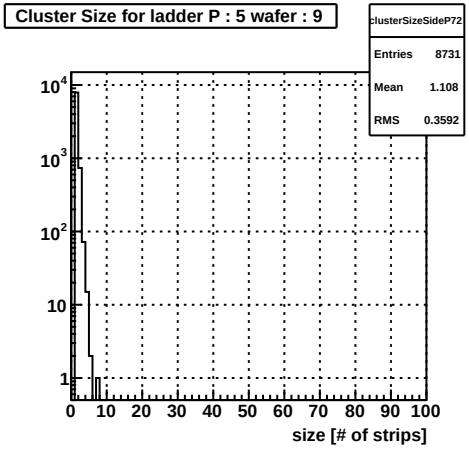

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 31490
Mean 1.113
RMS 0.3721
size [# of strips]

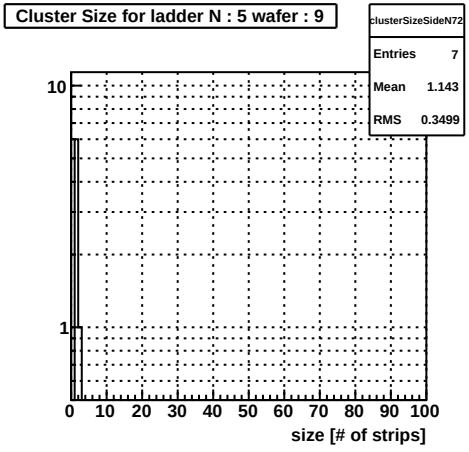

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

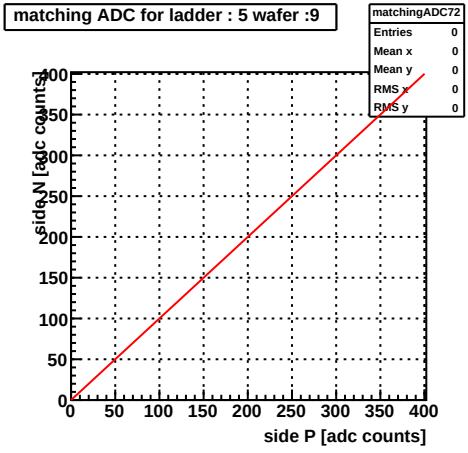

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

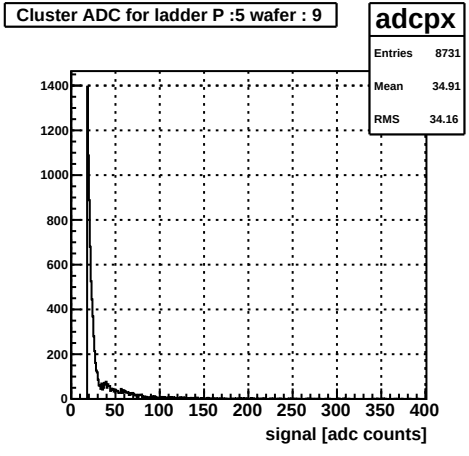

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 31490
Mean 37.09
RMS 35.07
signal [adc counts]

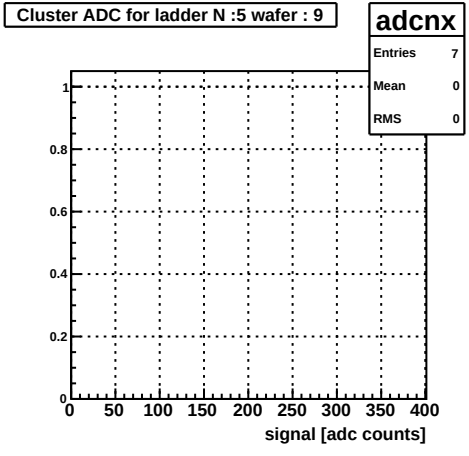

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

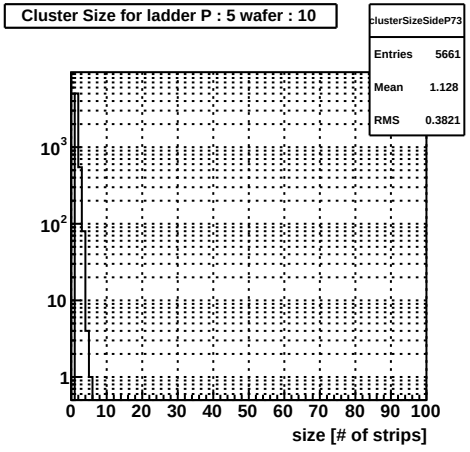

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8731
Mean 1.108
RMS 0.3592
size [# of strips]

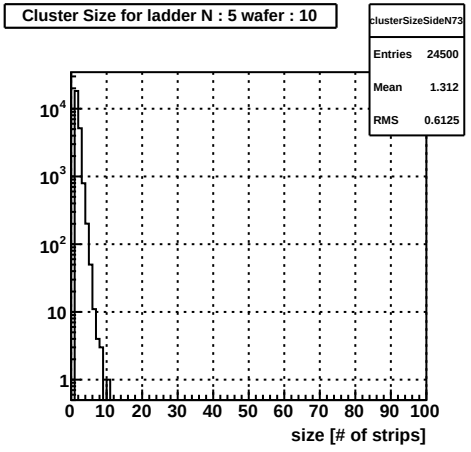

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

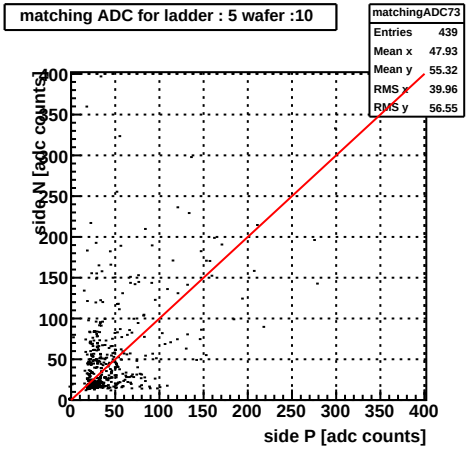

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

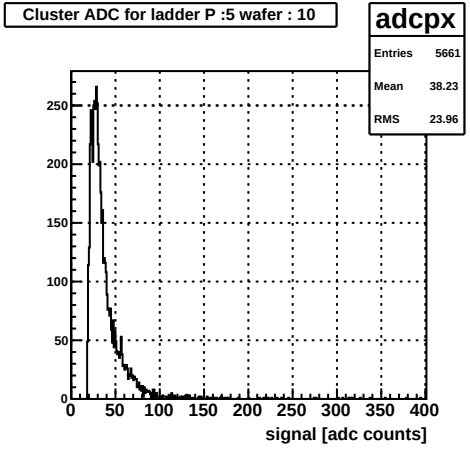

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8731
Mean 34.91
RMS 34.16
signal [adc counts]

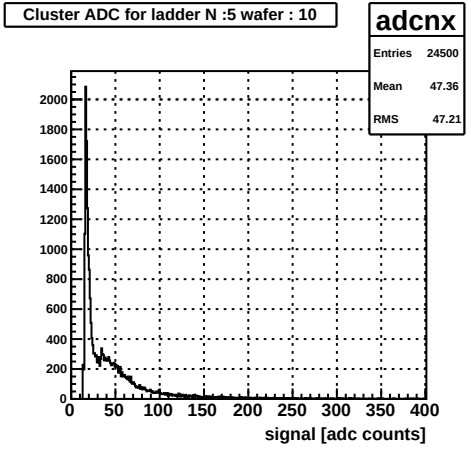

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 7
Mean 0
RMS 0
signal [adc counts]

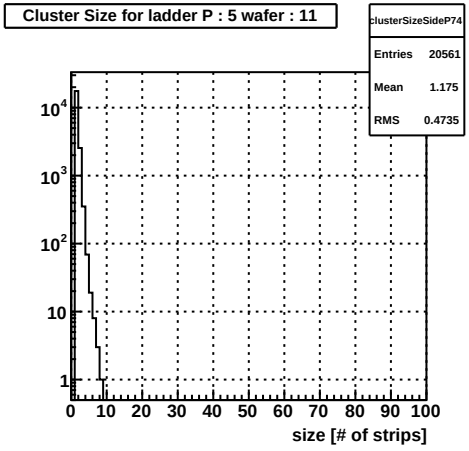

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5661
Mean 1.128
RMS 0.3821
size [# of strips]

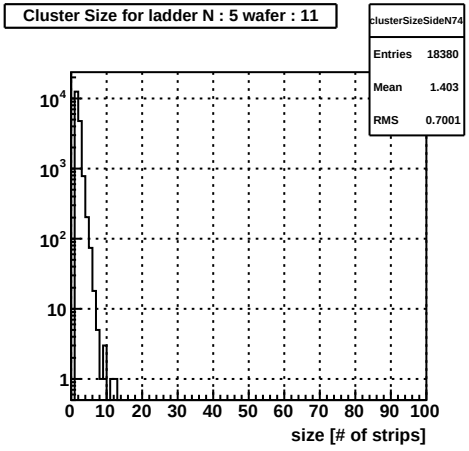

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 24500
Mean 1.312
RMS 0.6125
size [# of strips]

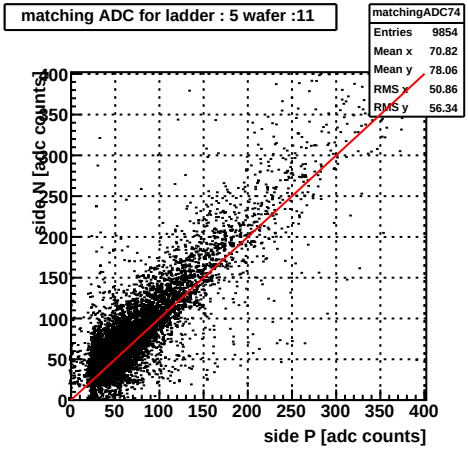

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 439
Mean x 47.93
Mean y 55.32
RMS x 39.96
RMS y 56.55
side N [adc counts]
side P [adc counts]

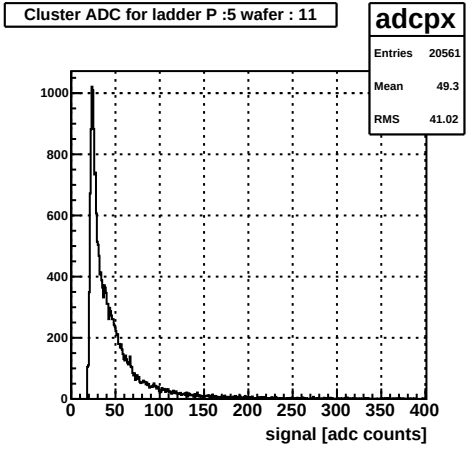

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5661
Mean 38.23
RMS 23.96
signal [adc counts]

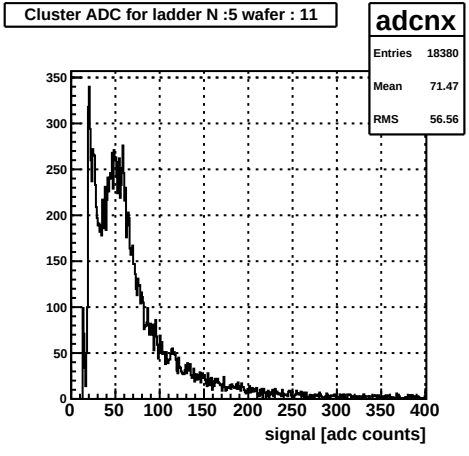

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 24500
Mean 47.36
RMS 47.21
signal [adc counts]

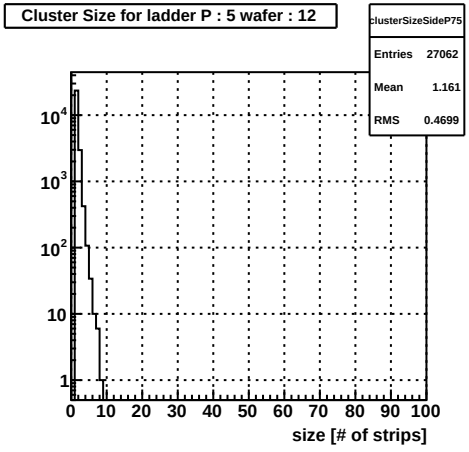

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20561
Mean 1.175
RMS 0.4735
size [# of strips]

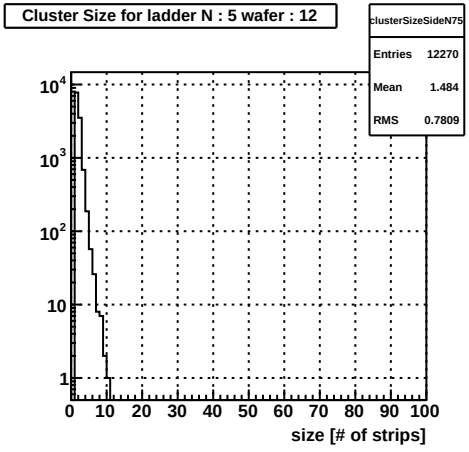

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 18380
Mean 1.403
RMS 0.7001
size [# of strips]

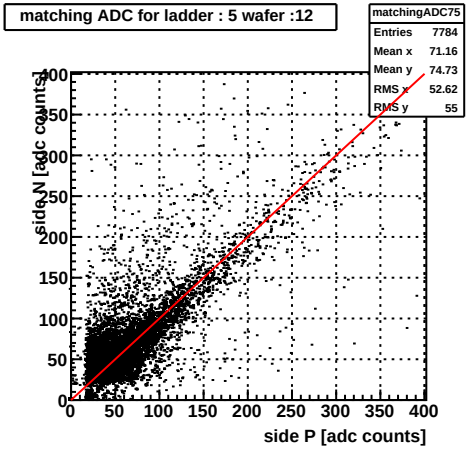

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 9854
Mean x 70.82
Mean y 78.06
RMS x 50.86
RMS y 56.34
side N [adc counts]
side P [adc counts]

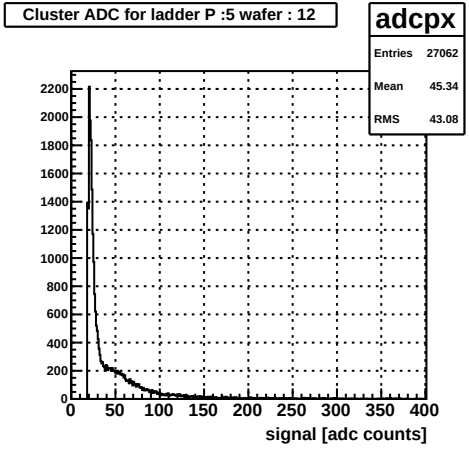

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20561
Mean 49.3
RMS 41.02
signal [adc counts]

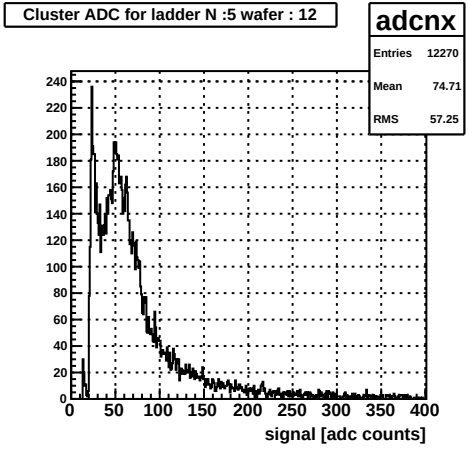

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 18380
Mean 71.47
RMS 56.56
signal [adc counts]

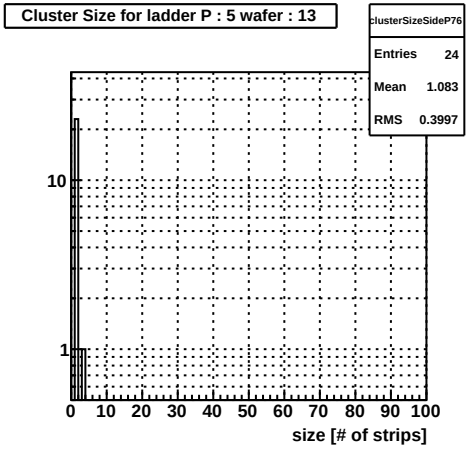

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 27062
Mean 1.161
RMS 0.4699
size [# of strips]

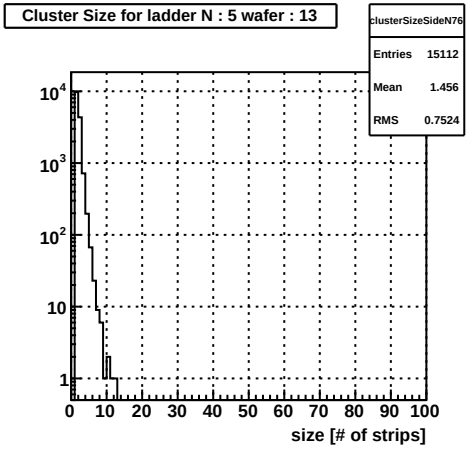

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 12270
Mean 1.484
RMS 0.7809
size [# of strips]

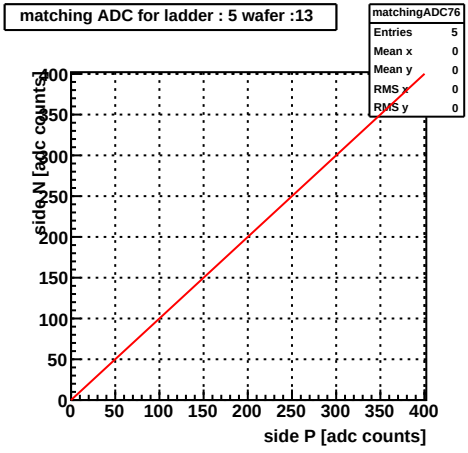

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 7784
Mean x 71.16
Mean y 74.73
RMS x 52.62
RMS y 55
side N [adc counts]
side P [adc counts]

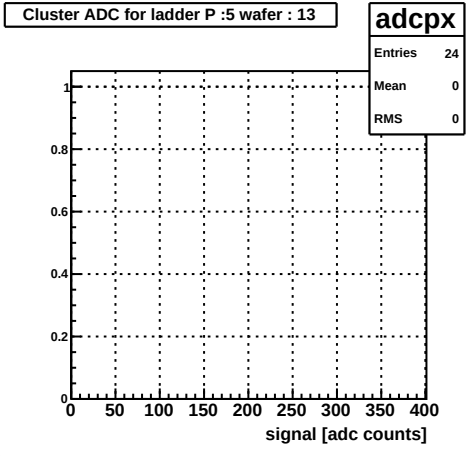

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 27062
Mean 45.34
RMS 43.08
signal [adc counts]

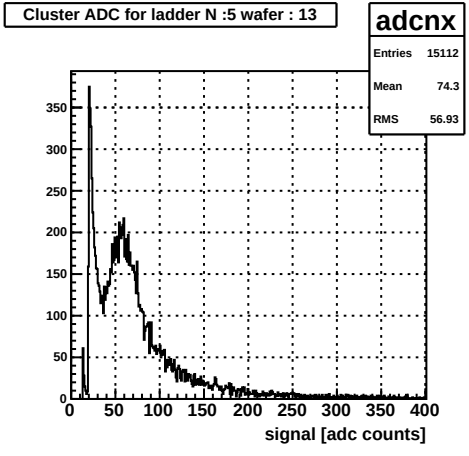

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 12270
Mean 74.71
RMS 57.25
signal [adc counts]

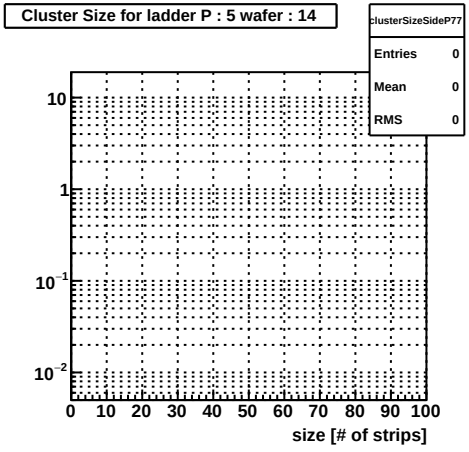

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 24
Mean 1.083
RMS 0.3997
size [# of strips]

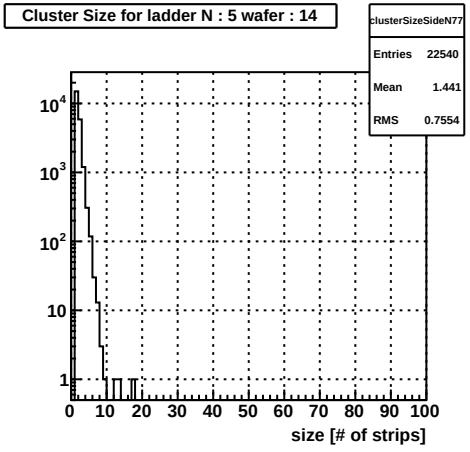

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 15112
Mean 1.456
RMS 0.7524
size [# of strips]

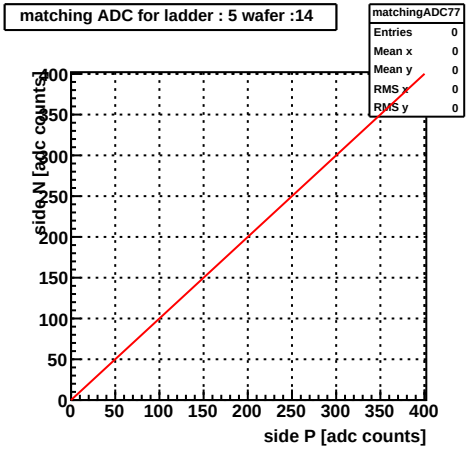

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

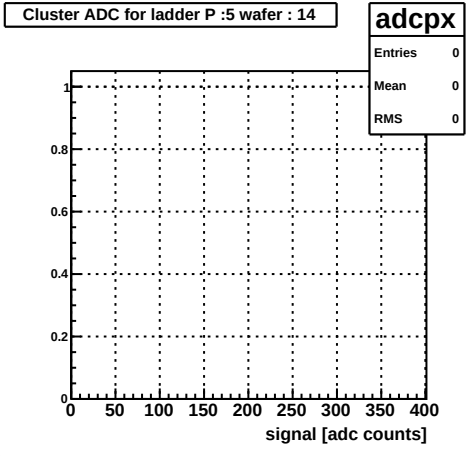

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 24
Mean 0
RMS 0
signal [adc counts]

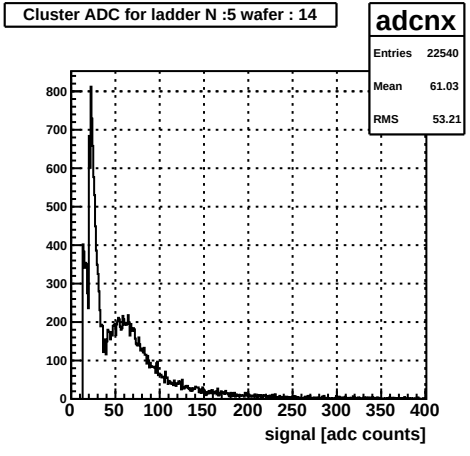

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 15112
Mean 74.3
RMS 56.93
signal [adc counts]

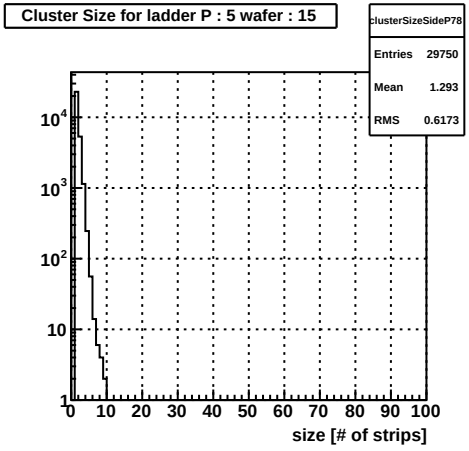

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

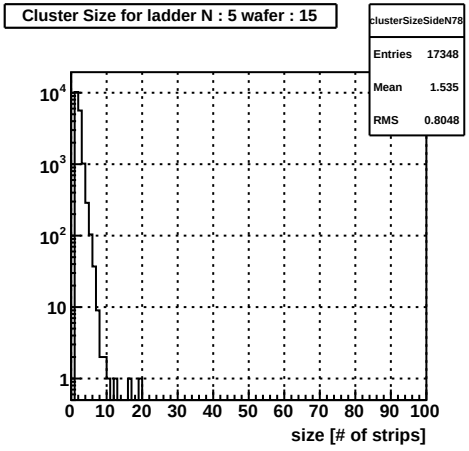

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 22540
Mean 1.441
RMS 0.7554
size [# of strips]

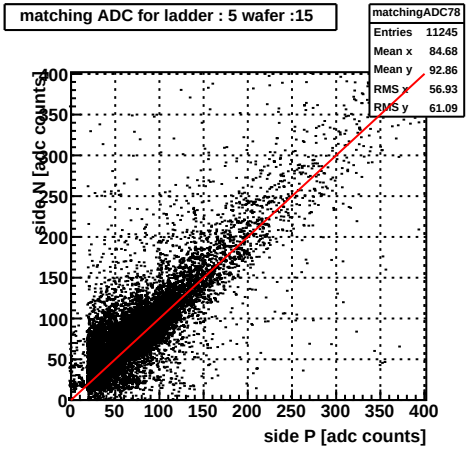

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

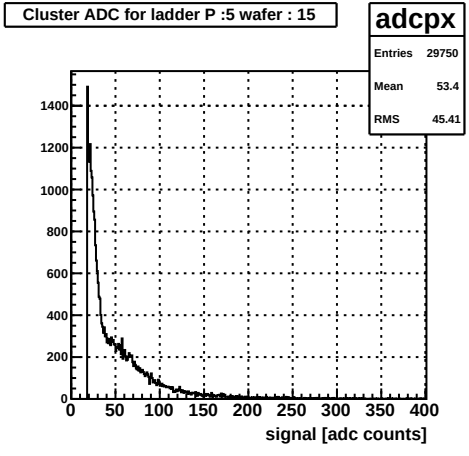

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

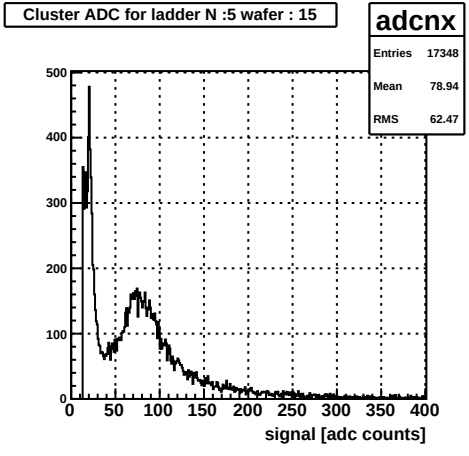

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 22540
Mean 61.03
RMS 53.21
signal [adc counts]

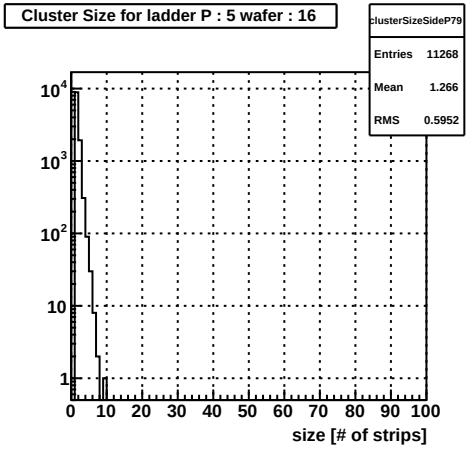

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 29750
Mean 1.293
RMS 0.6173
size [# of strips]

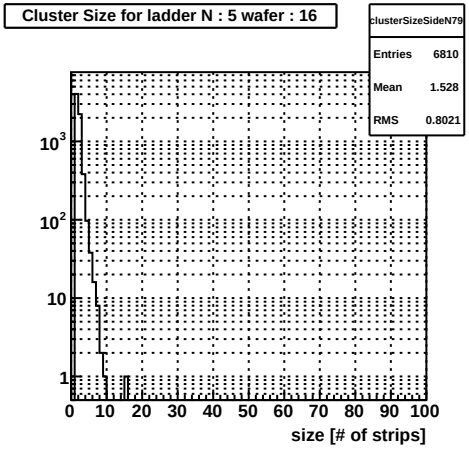

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 17348
Mean 1.535
RMS 0.8048
size [# of strips]

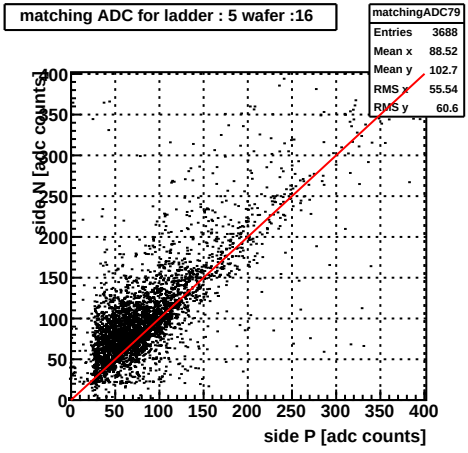

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 11245
Mean x 84.68
Mean y 92.86
RMS x 56.93
RMS y 61.09
side N [adc counts]
side P [adc counts]

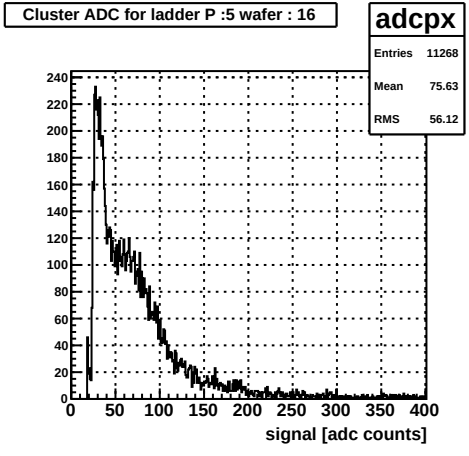

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 29750
Mean 53.4
RMS 45.41
signal [adc counts]

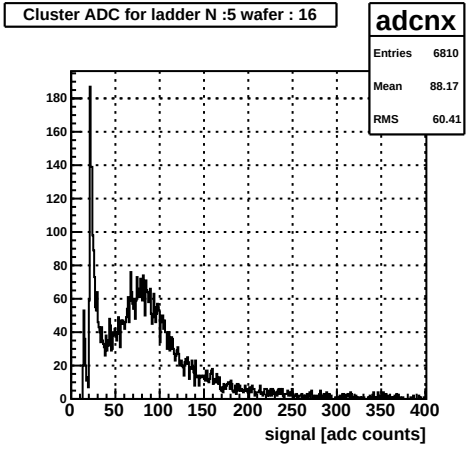

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 17348
Mean 78.94
RMS 62.47
signal [adc counts]

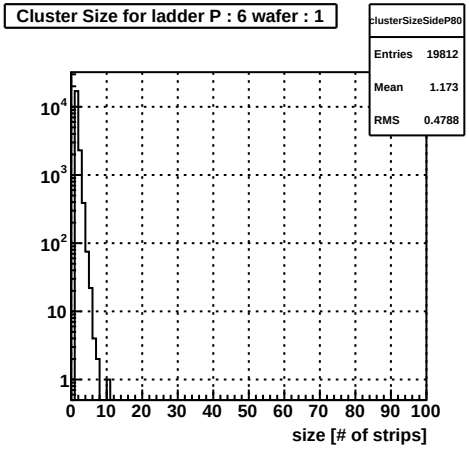

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 11268
Mean 1.266
RMS 0.5952
size [# of strips]

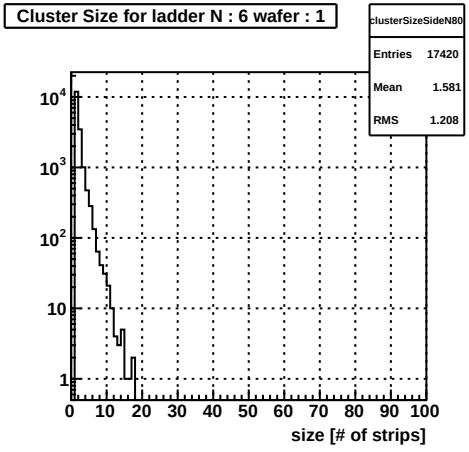

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 6810
Mean 1.528
RMS 0.8021
size [# of strips]

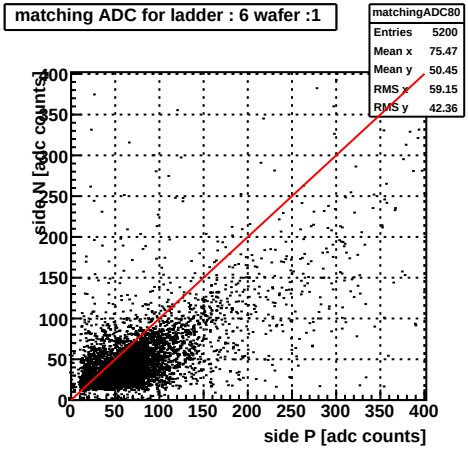

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3688
Mean x 88.52
Mean y 102.7
RMS x 55.54
RMS y 60.6
side N [adc counts]
side P [adc counts]

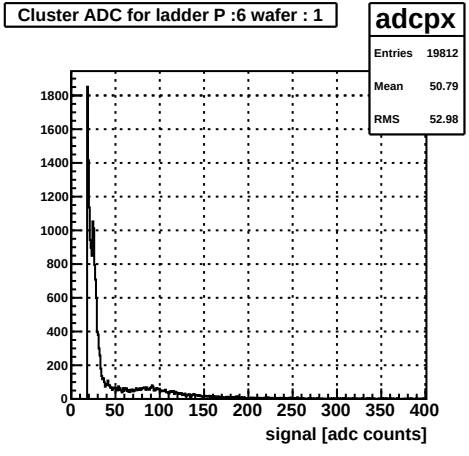

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 11268
Mean 75.63
RMS 56.12
signal [adc counts]

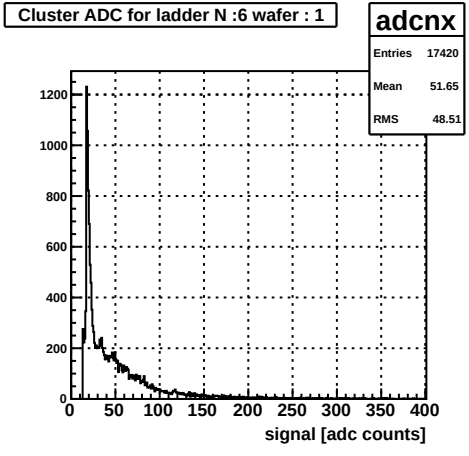

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 6810
Mean 88.17
RMS 60.41
signal [adc counts]

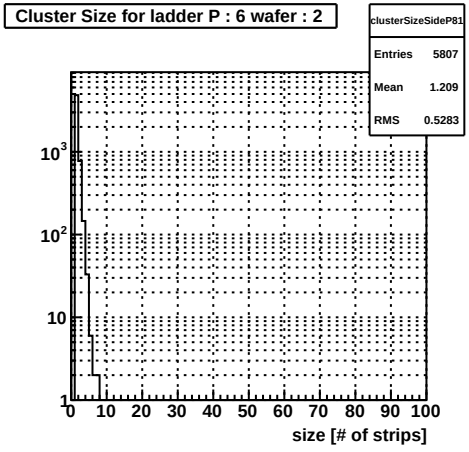

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 19812
Mean 1.173
RMS 0.4788
size [# of strips]

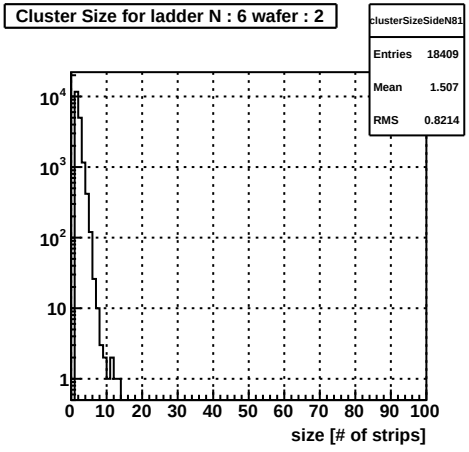

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 17420
Mean 1.581
RMS 1.208
size [# of strips]

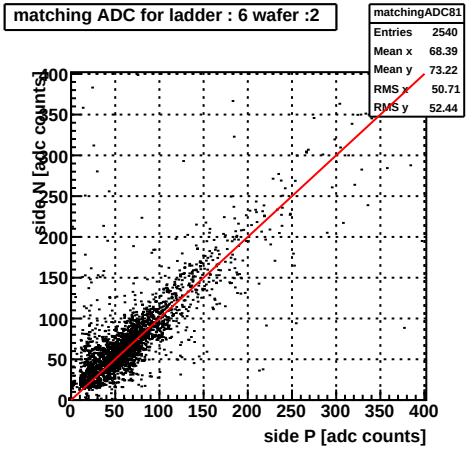

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 5200
Mean x 75.47
Mean y 50.45
RMS x 59.15
RMS y 42.36
side N [adc counts]
side P [adc counts]

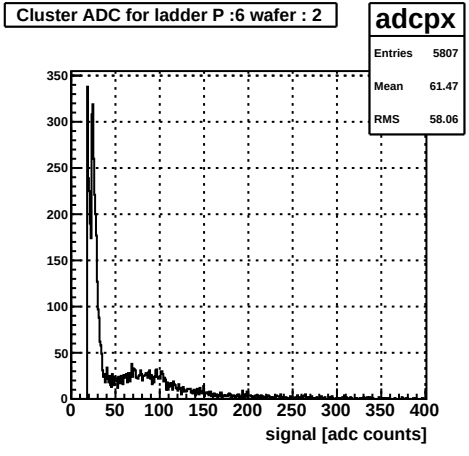

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 19812
Mean 50.79
RMS 52.98
signal [adc counts]

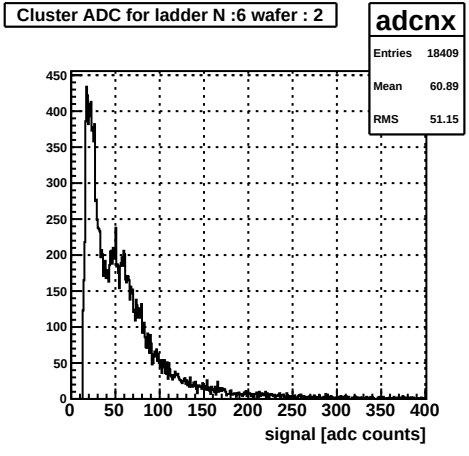

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 17420
Mean 51.65
RMS 48.51
signal [adc counts]

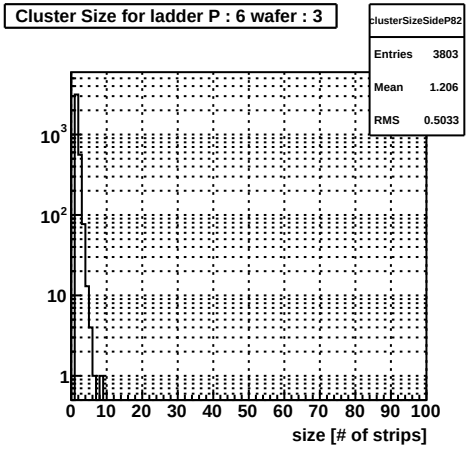

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5807
Mean 1.209
RMS 0.5283
size [# of strips]

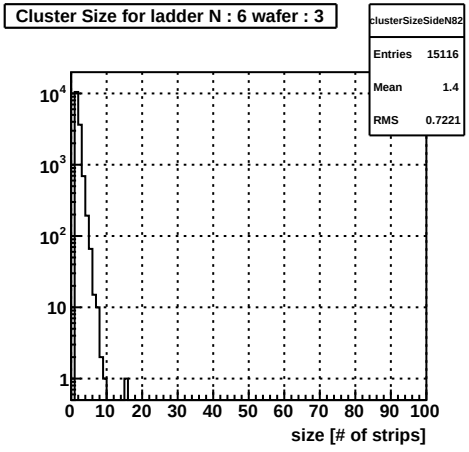

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 18409
Mean 1.507
RMS 0.8214
size [# of strips]

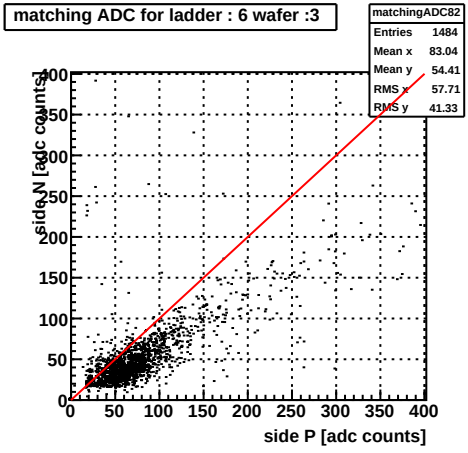

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2540
Mean x 68.39
Mean y 73.22
RMS x 50.71
RMS y 52.44
side N [adc counts]
side P [adc counts]

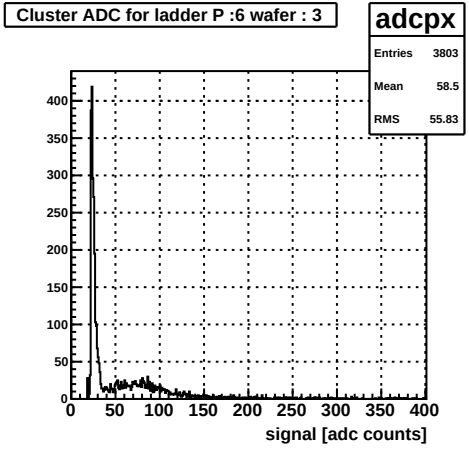

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5807
Mean 61.47
RMS 58.06
signal [adc counts]

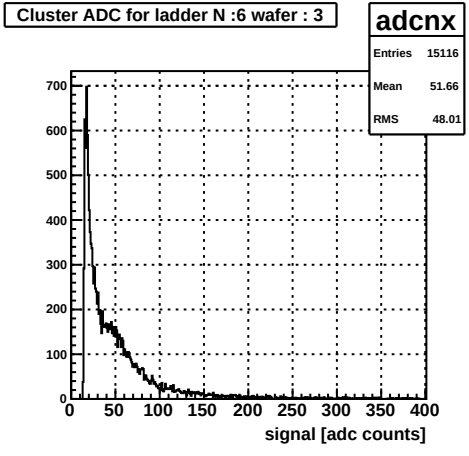

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 18409
Mean 60.89
RMS 51.15
signal [adc counts]

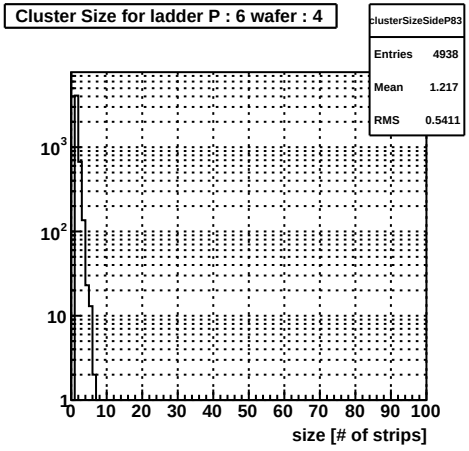

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3803
Mean 1.206
RMS 0.5033
size [# of strips]

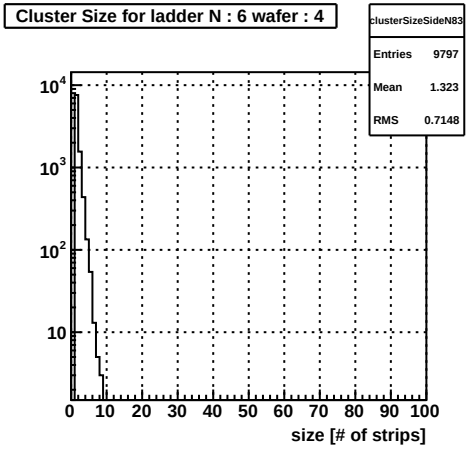

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 15116
Mean 1.4
RMS 0.7221
size [# of strips]

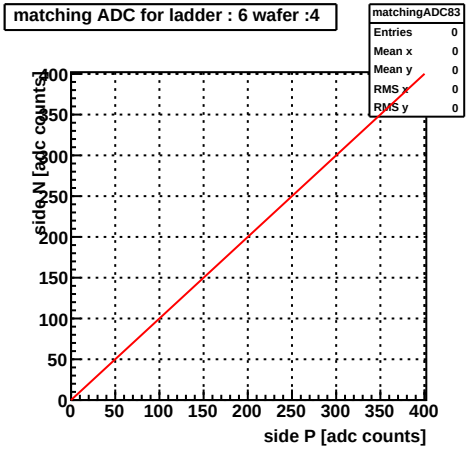

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1484
Mean x 83.04
Mean y 54.41
RMS x 57.71
RMS y 41.33
side N [adc counts]
side P [adc counts]

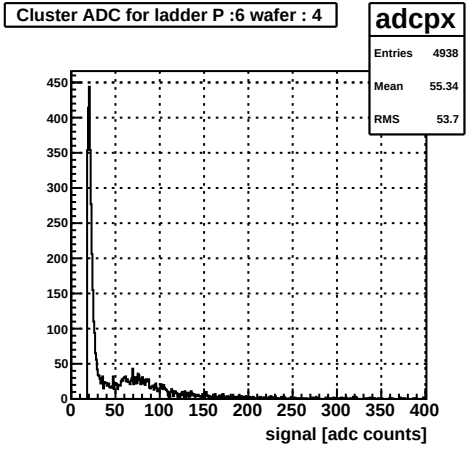

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3803
Mean 58.5
RMS 55.83
signal [adc counts]

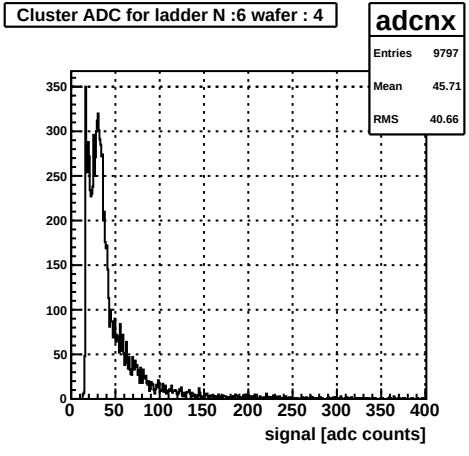

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 15116
Mean 51.66
RMS 48.01
signal [adc counts]

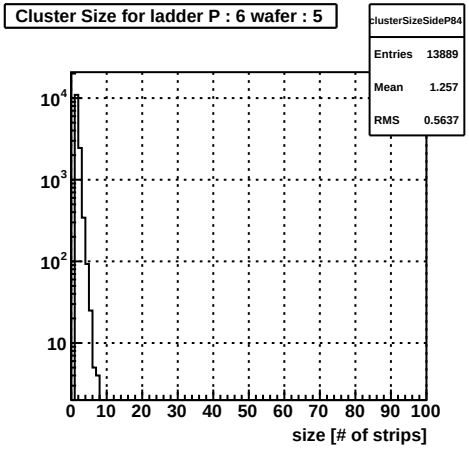

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 4938
Mean 1.217
RMS 0.5411
size [# of strips]

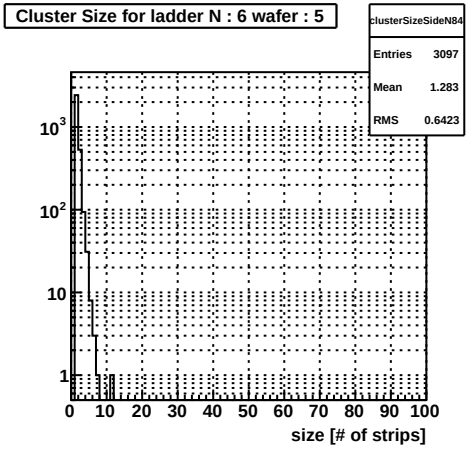

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 9797
Mean 1.323
RMS 0.7148
size [# of strips]

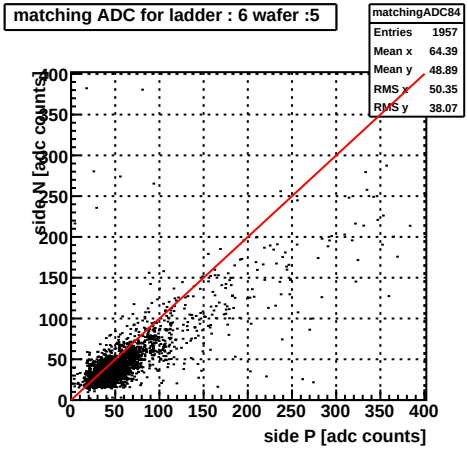

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

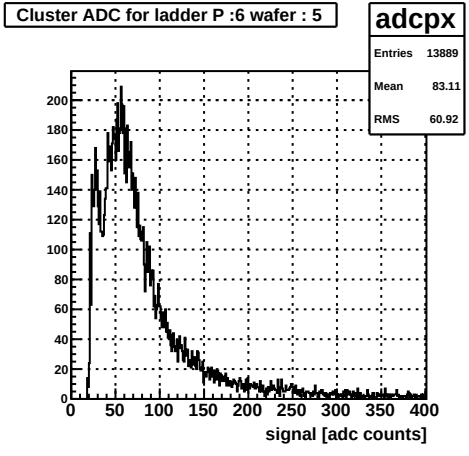

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 4938
Mean 55.34
RMS 53.7
signal [adc counts]

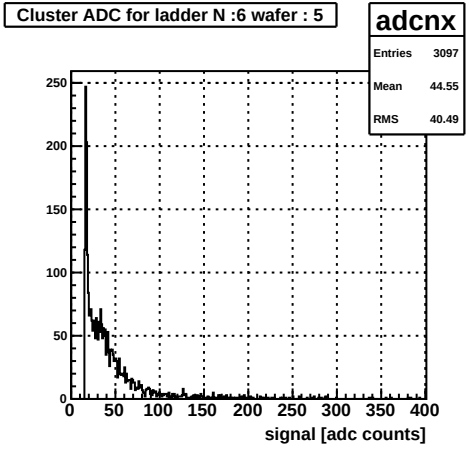

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 9797
Mean 45.71
RMS 40.66
signal [adc counts]

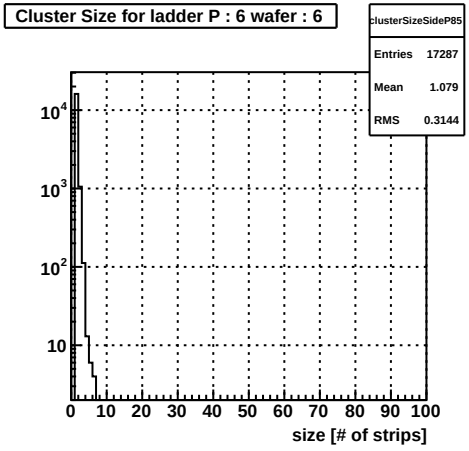

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 13889
Mean 1.257
RMS 0.5637
size [# of strips]

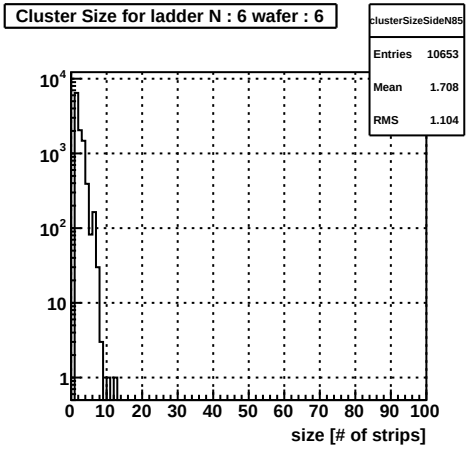

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 3097
Mean 1.283
RMS 0.6423
size [# of strips]

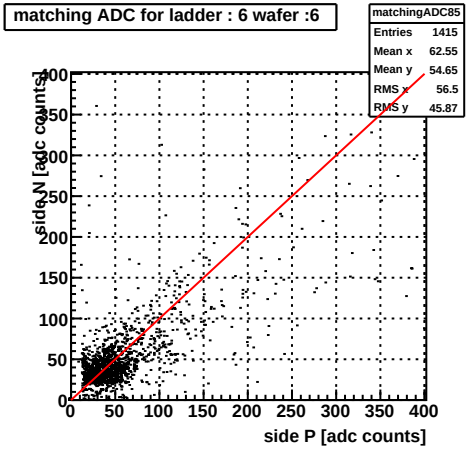

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1957
Mean x 64.39
Mean y 48.89
RMS x 50.35
RMS y 38.07
side N [adc counts]
side P [adc counts]

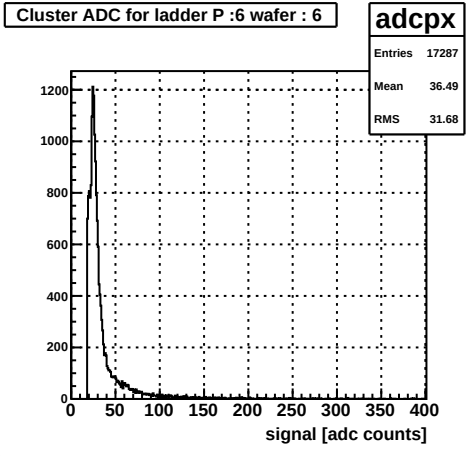

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 13889
Mean 83.11
RMS 60.92
signal [adc counts]

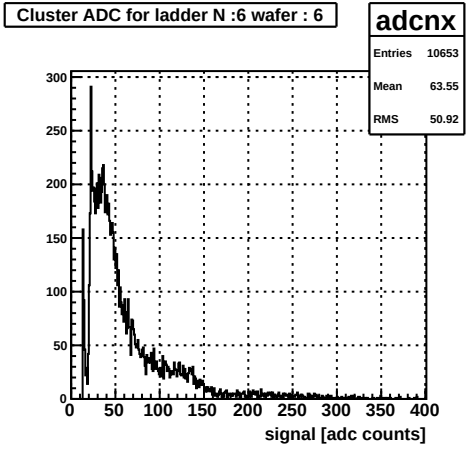

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 3097
Mean 44.55
RMS 40.49
signal [adc counts]

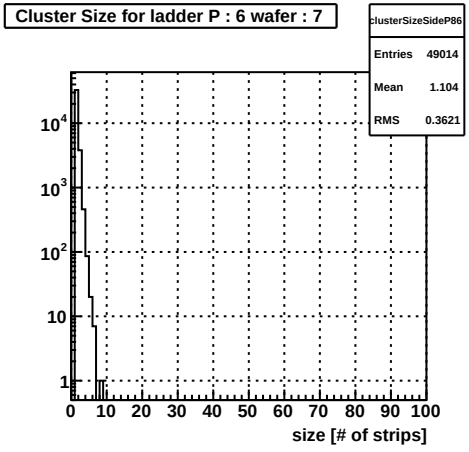

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 17287
Mean 1.079
RMS 0.3144
size [# of strips]

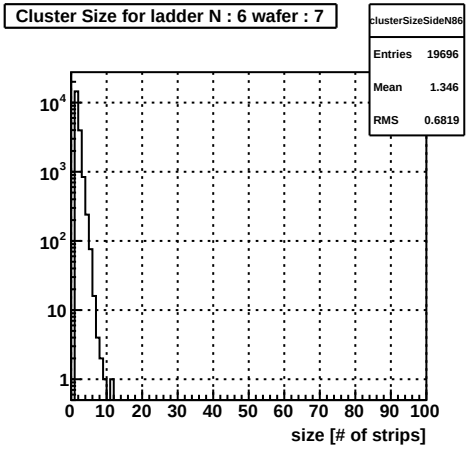

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 10653
Mean 1.708
RMS 1.104
size [# of strips]

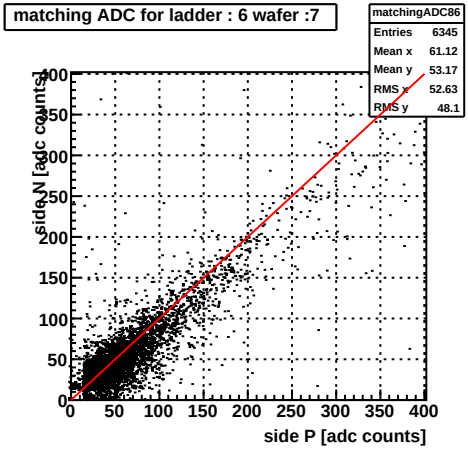

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1415
Mean x 62.55
Mean y 54.65
RMS x 56.5
RMS y 45.87
side N [adc counts]
side P [adc counts]

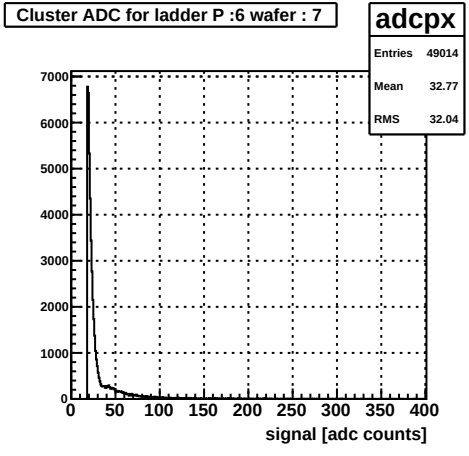

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 17287
Mean 36.49
RMS 31.68
signal [adc counts]

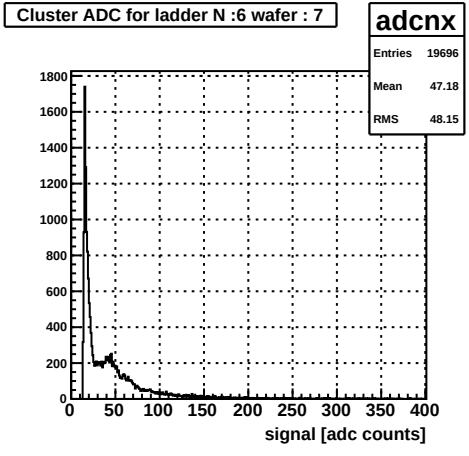

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 10653
Mean 63.55
RMS 50.92
signal [adc counts]

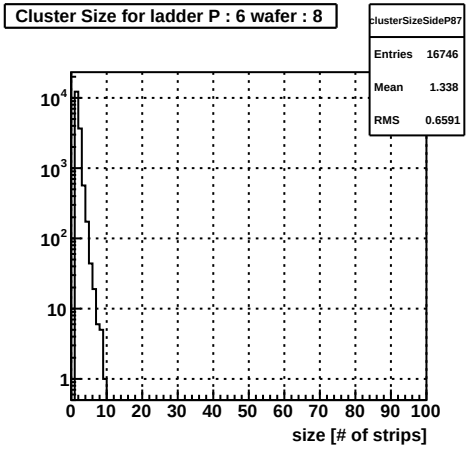

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 49014
Mean 1.104
RMS 0.3621
size [# of strips]

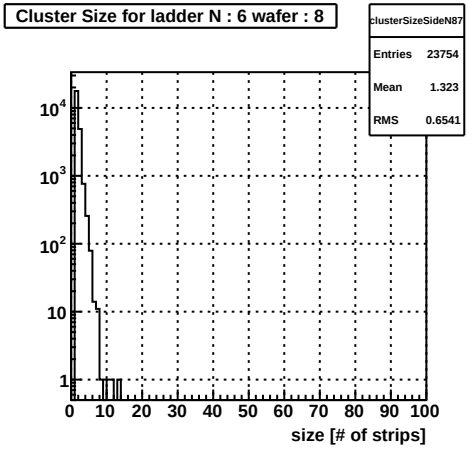

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 19696
Mean 1.346
RMS 0.6819
size [# of strips]

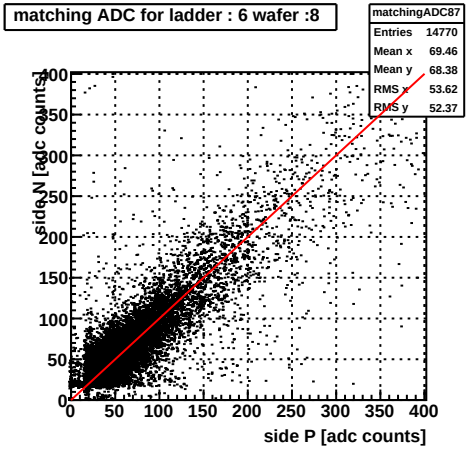

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 6345
Mean x 61.12
Mean y 53.17
RMS x 52.63
RMS y 48.1
side N [adc counts]
side P [adc counts]

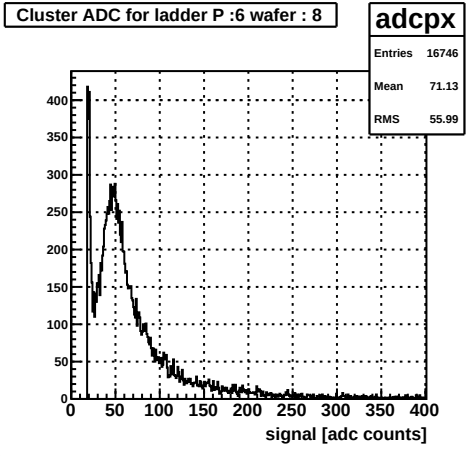

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 49014
Mean 32.77
RMS 32.04
signal [adc counts]

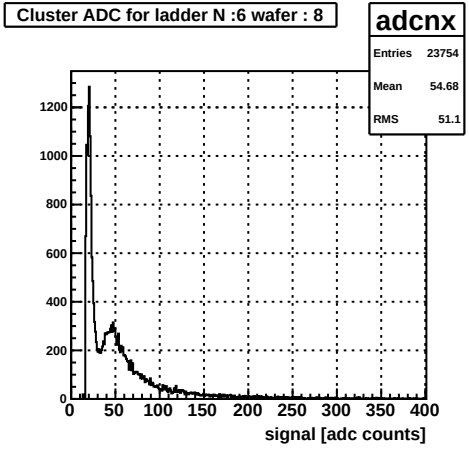

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 19696
Mean 47.18
RMS 48.15
signal [adc counts]

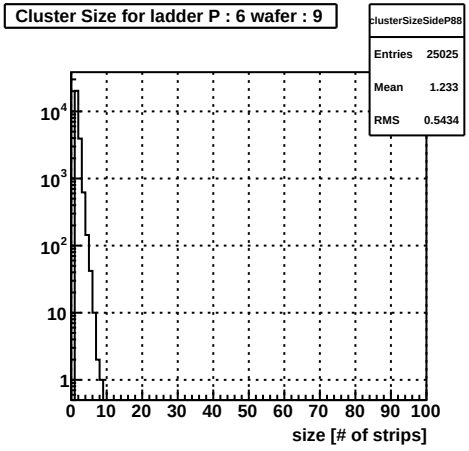

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 16746
Mean 1.338
RMS 0.6591
size [# of strips]

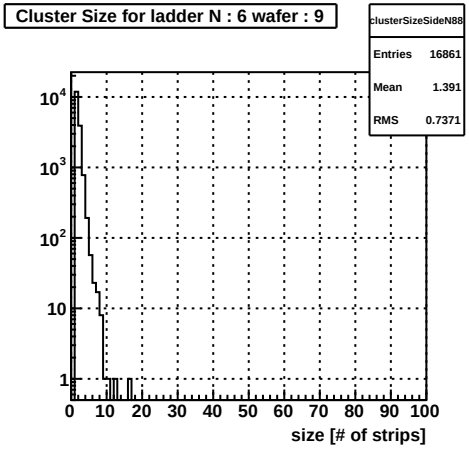

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 23754
Mean 1.323
RMS 0.6541
size [# of strips]

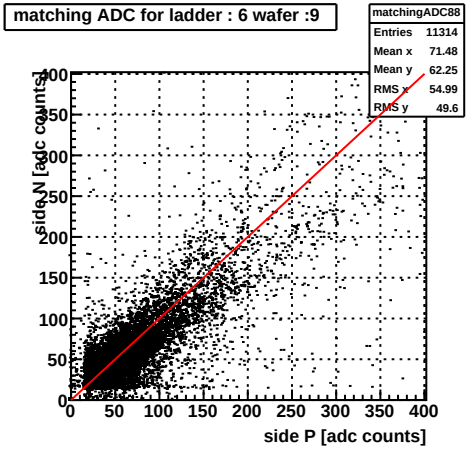

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 14770
Mean x 69.46
Mean y 68.38
RMS x 53.62
RMS y 52.37
side N [adc counts]
side P [adc counts]

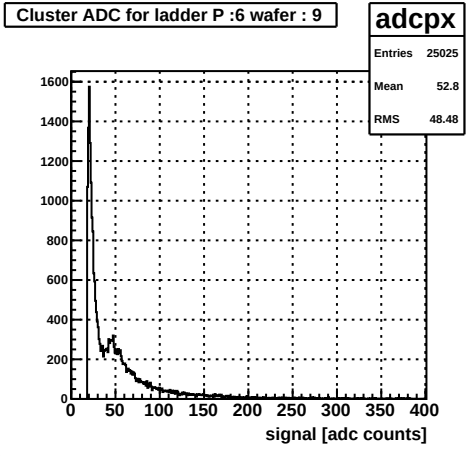

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 16746
Mean 71.13
RMS 55.99
signal [adc counts]

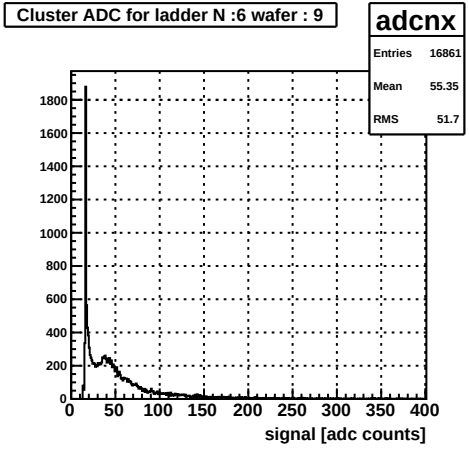

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 23754
Mean 54.68
RMS 51.1
signal [adc counts]

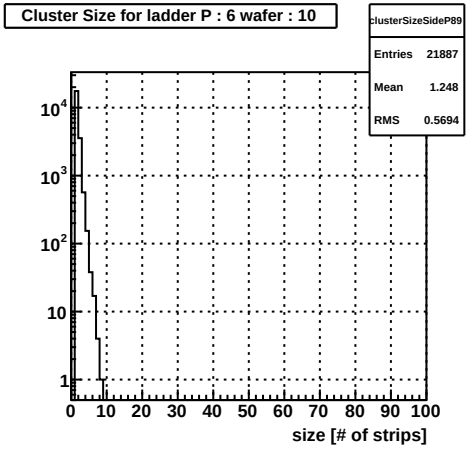

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 25025
Mean 1.233
RMS 0.5434
size [# of strips]

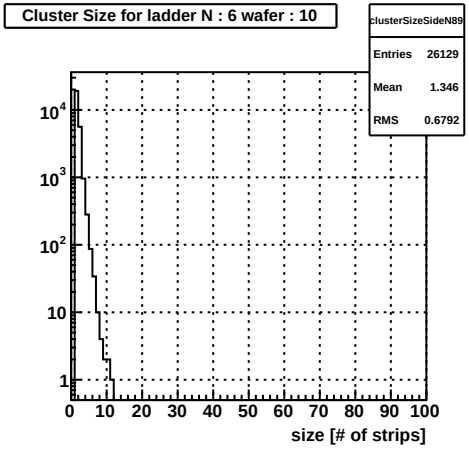

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 16861
Mean 1.391
RMS 0.7371
size [# of strips]

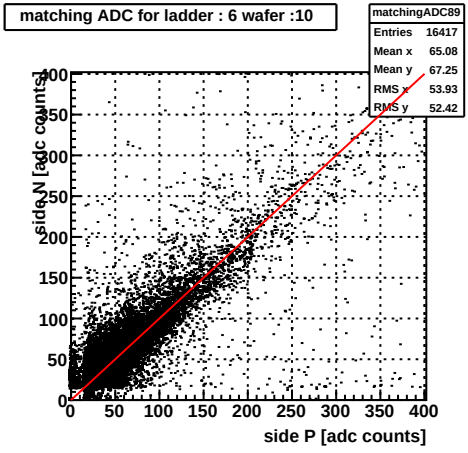

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 11314
Mean x 71.48
Mean y 62.25
RMS x 54.99
RMS y 49.6
side N [adc counts]
side P [adc counts]

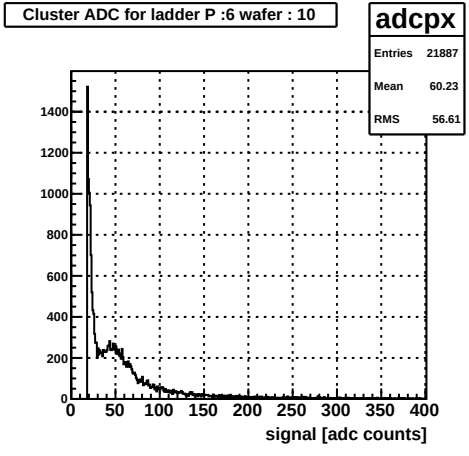

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 25025
Mean 52.8
RMS 48.48
signal [adc counts]

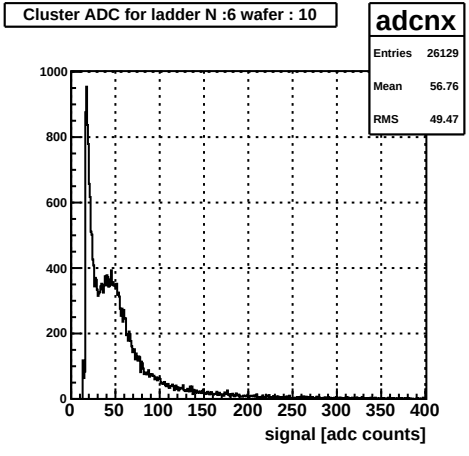

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 16861
Mean 55.35
RMS 51.7
signal [adc counts]

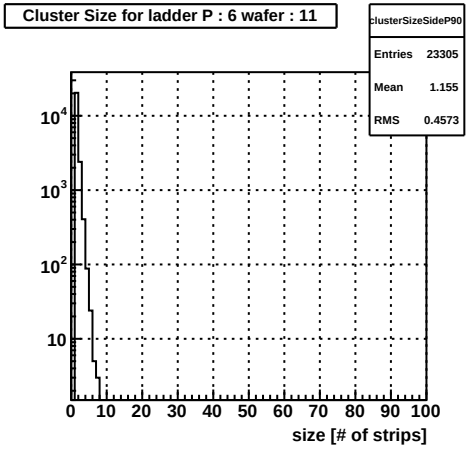

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 21887
Mean 1.248
RMS 0.5694
size [# of strips]

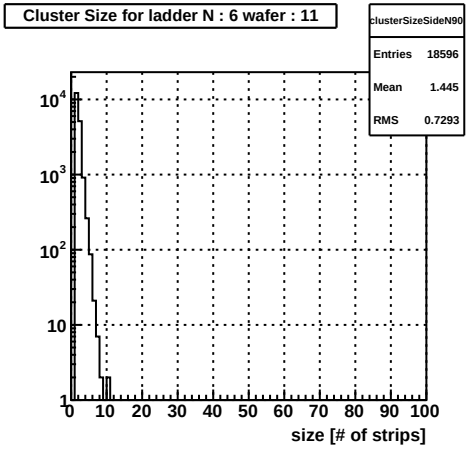

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 26129
Mean 1.346
RMS 0.6792
size [# of strips]

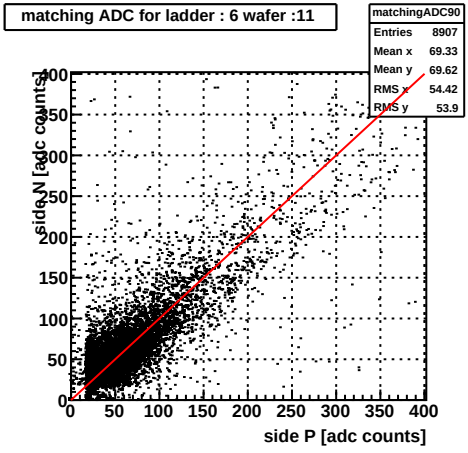

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 16417
Mean x 65.08
Mean y 67.25
RMS x 53.93
RMS y 52.42
side N [adc counts]
side P [adc counts]

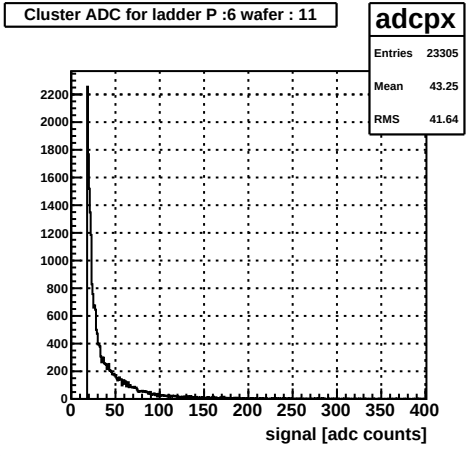

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 21887
Mean 60.23
RMS 56.61
signal [adc counts]

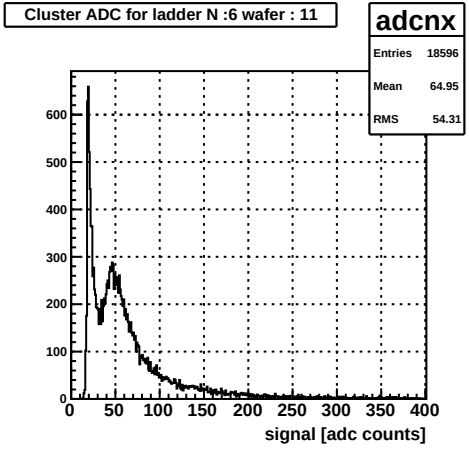

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 26129
Mean 56.76
RMS 49.47
signal [adc counts]

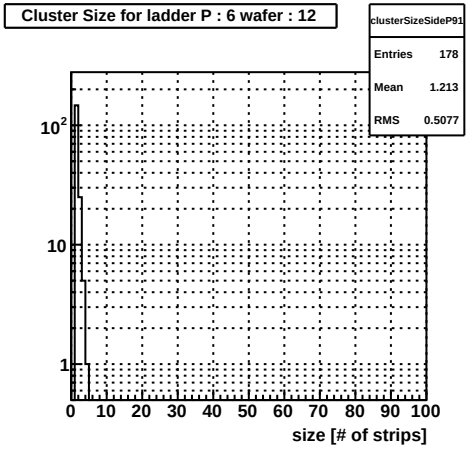

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 23305
Mean 1.155
RMS 0.4573
size [# of strips]

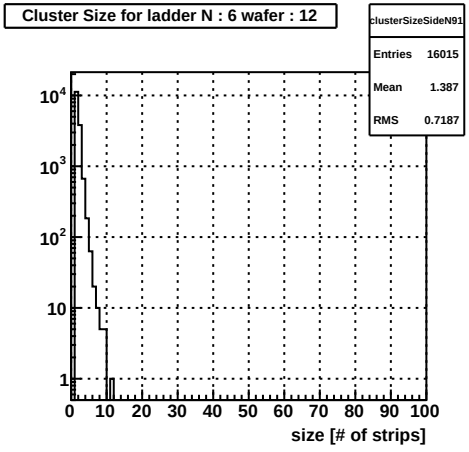

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 18596
Mean 1.445
RMS 0.7293
size [# of strips]

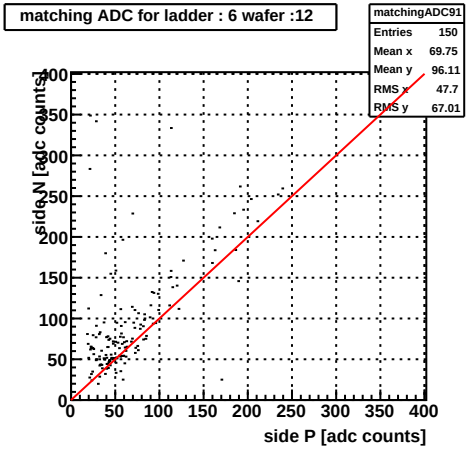

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 8907
Mean x 69.33
Mean y 69.62
RMS x 54.42
RMS y 53.9
side N [adc counts]
side P [adc counts]

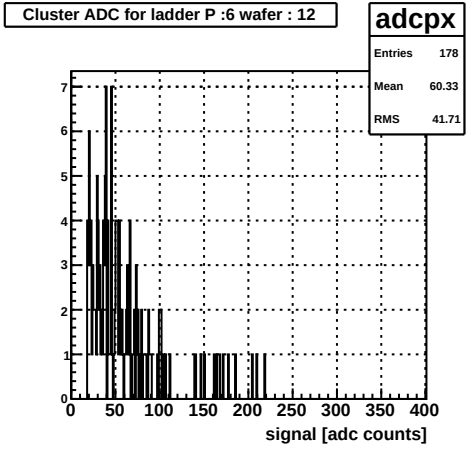

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 23305
Mean 43.25
RMS 41.64
signal [adc counts]

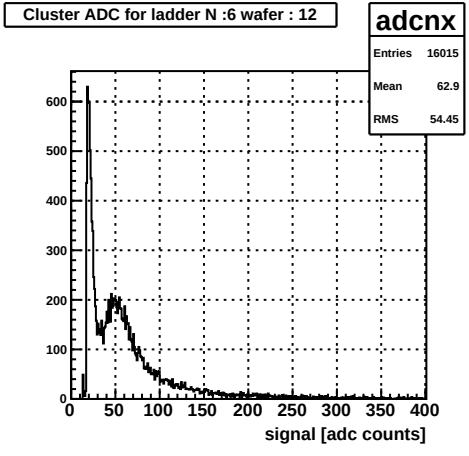

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 18596
Mean 64.95
RMS 54.31
signal [adc counts]

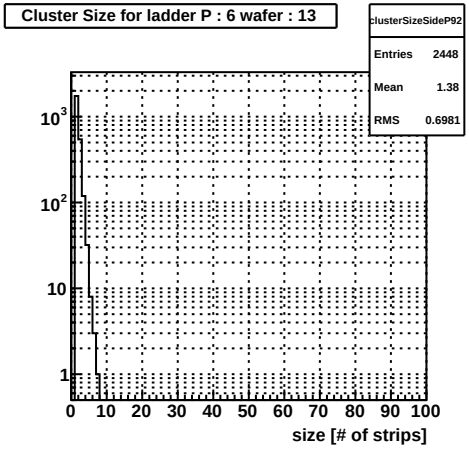

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 178
Mean 1.213
RMS 0.5077
size [# of strips]

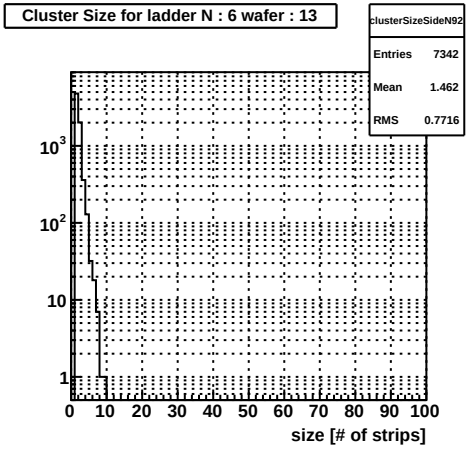

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 16015
Mean 1.387
RMS 0.7187
size [# of strips]

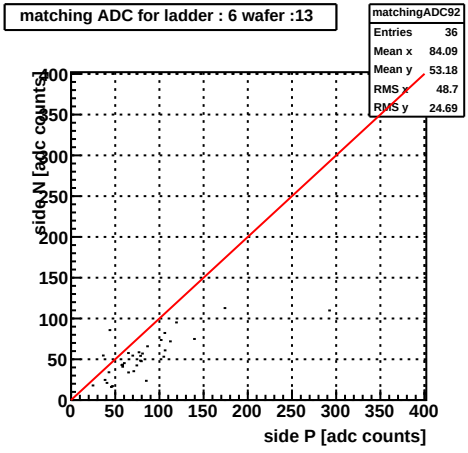

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 150
Mean x 69.75
Mean y 96.11
RMS x 47.7
RMS y 67.01
side N [adc counts]
side P [adc counts]

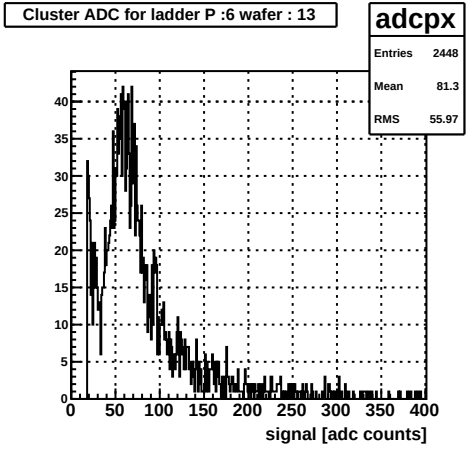

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 178
Mean 60.33
RMS 41.71
signal [adc counts]

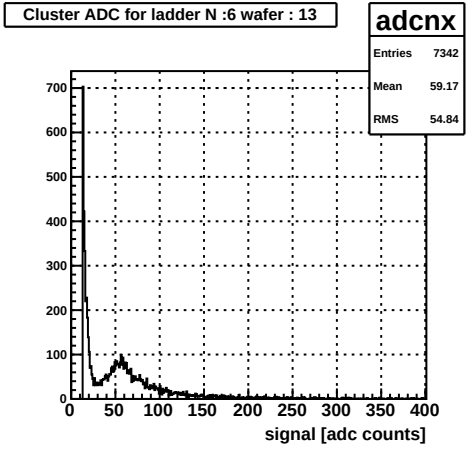

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 16015
Mean 62.9
RMS 54.45
signal [adc counts]

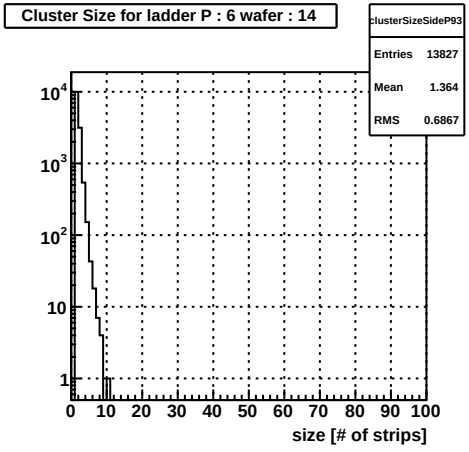

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2448
Mean 1.38
RMS 0.6981
size [# of strips]

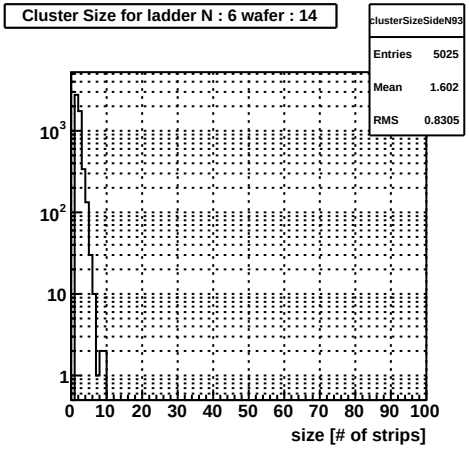

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 7342
Mean 1.462
RMS 0.7716
size [# of strips]

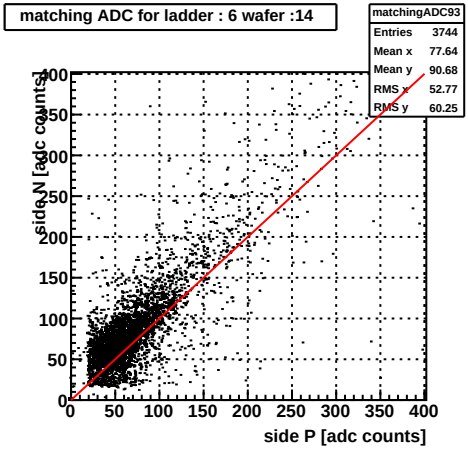

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 36
Mean x 84.09
Mean y 53.18
RMS x 48.7
RMS y 24.69
side N [adc counts]
side P [adc counts]

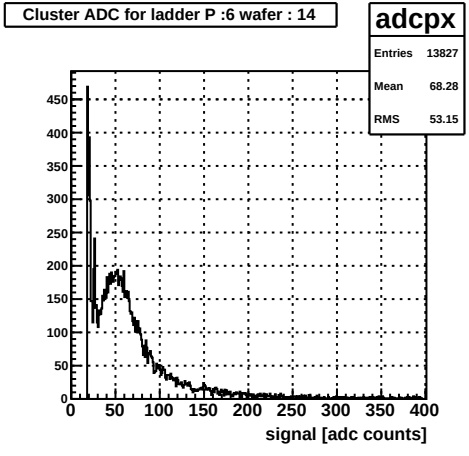

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2448
Mean 81.3
RMS 55.97
signal [adc counts]

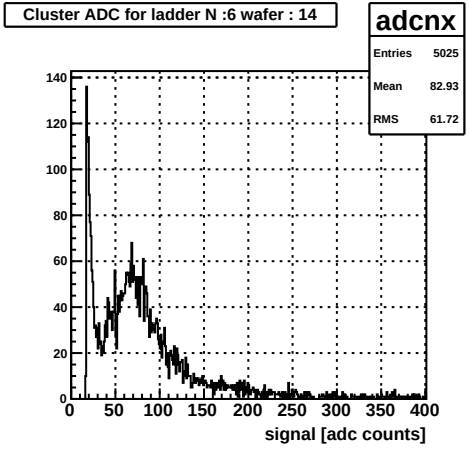

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 7342
Mean 59.17
RMS 54.84
signal [adc counts]

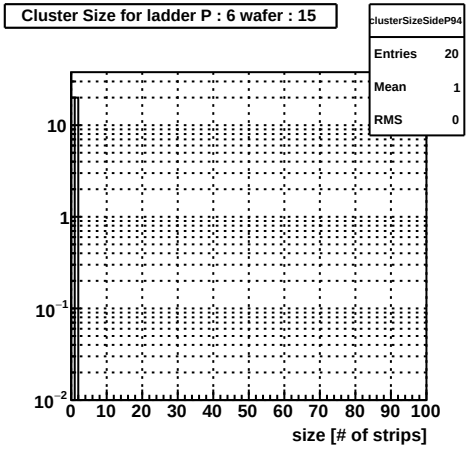

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 13827
Mean 1.364
RMS 0.6867
size [# of strips]

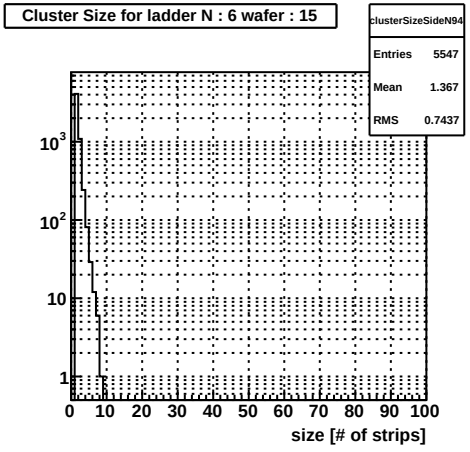

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 5025
Mean 1.602
RMS 0.8305
size [# of strips]

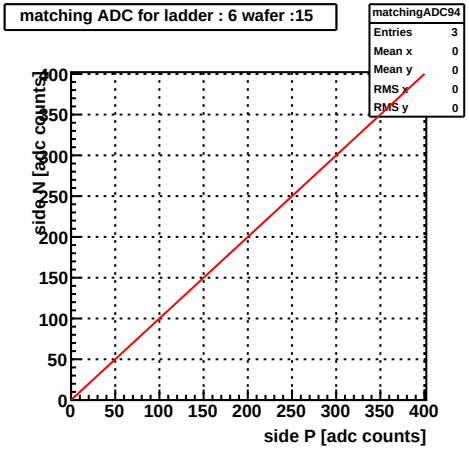

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3744
Mean x 77.64
Mean y 90.68
RMS x 52.77
RMS y 60.25
side N [adc counts]
side P [adc counts]

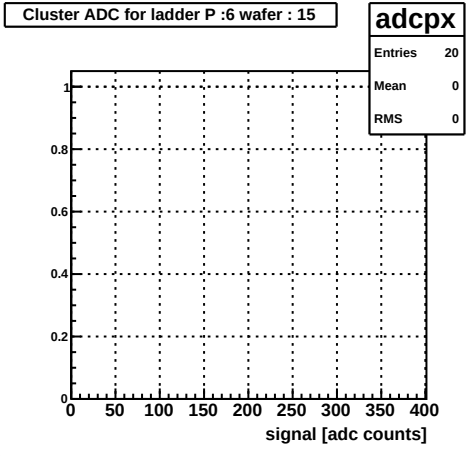

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 13827
Mean 68.28
RMS 53.15
signal [adc counts]

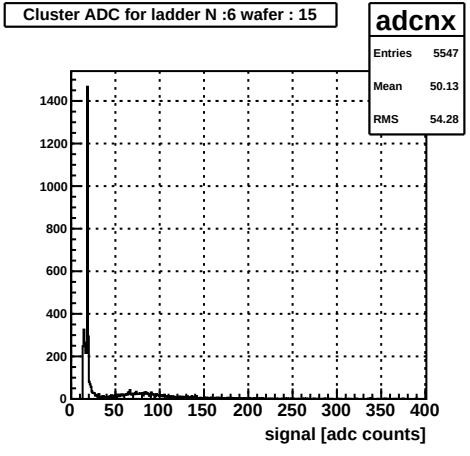

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 5025
Mean 82.93
RMS 61.72
signal [adc counts]

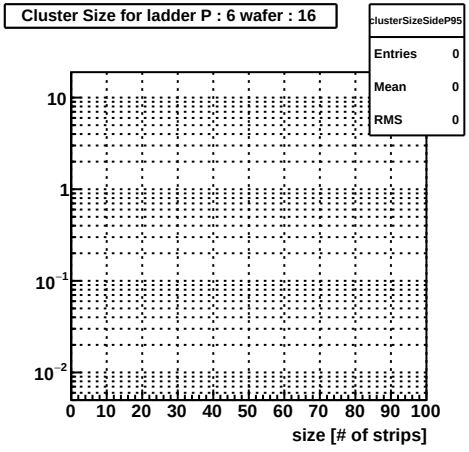

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 20
Mean 1
RMS 0
size [# of strips]

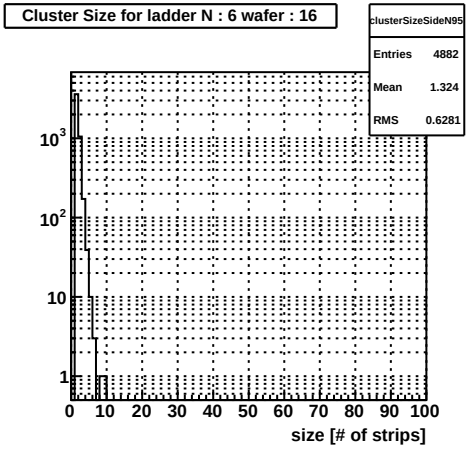

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 5547
Mean 1.367
RMS 0.7437
size [# of strips]

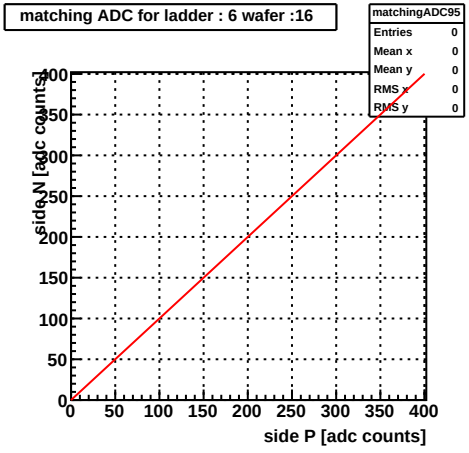

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

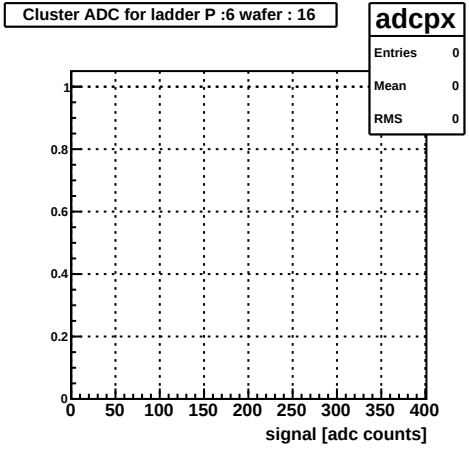

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 20
Mean 0
RMS 0
signal [adc counts]

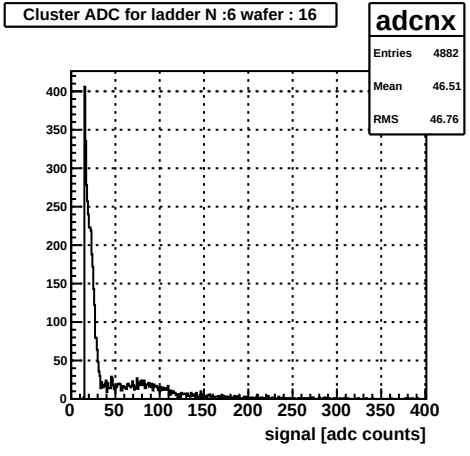

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 5547
Mean 50.13
RMS 54.28
signal [adc counts]

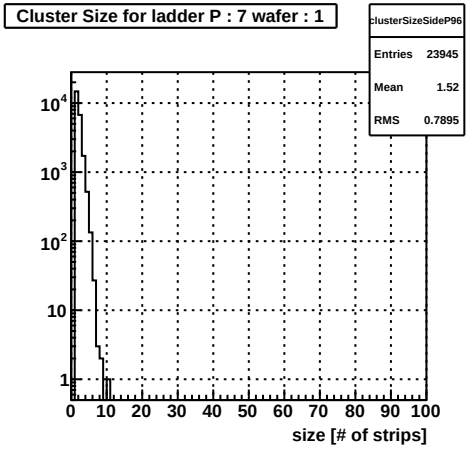

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

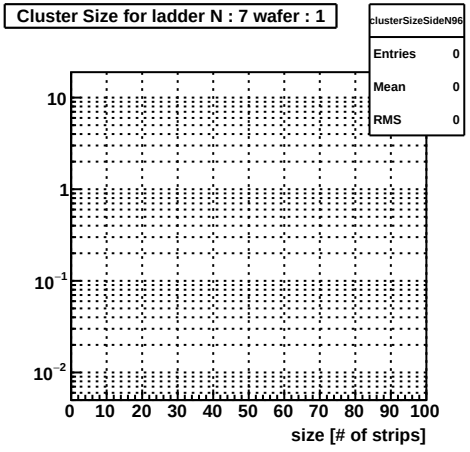

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 4882
Mean 1.324
RMS 0.6281
size [# of strips]

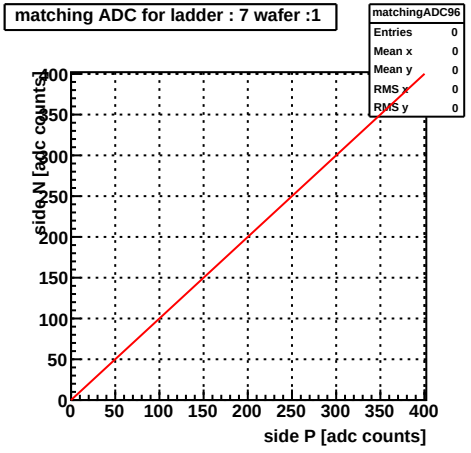

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

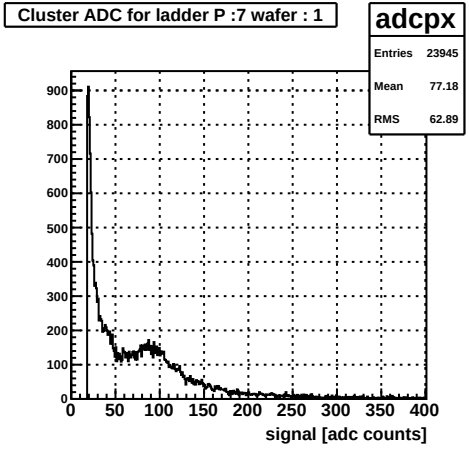

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

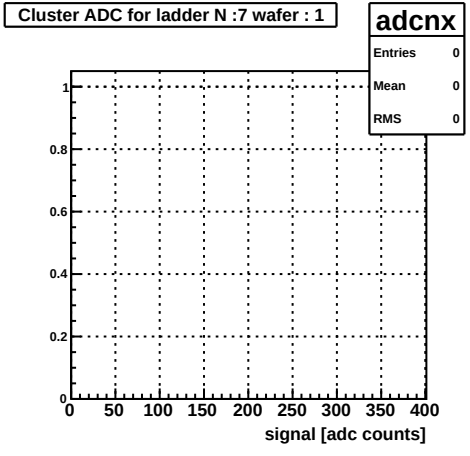

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 4882
Mean 46.51
RMS 46.76
signal [adc counts]

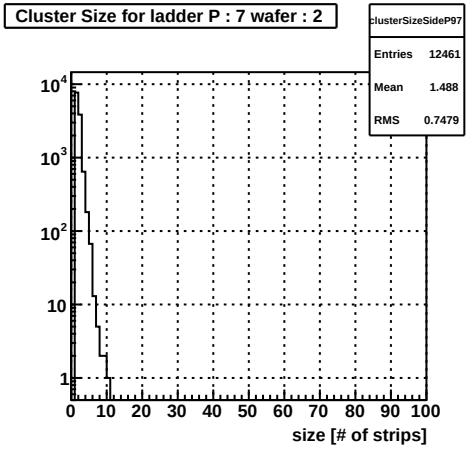

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 23945
Mean 1.52
RMS 0.7895
size [# of strips]

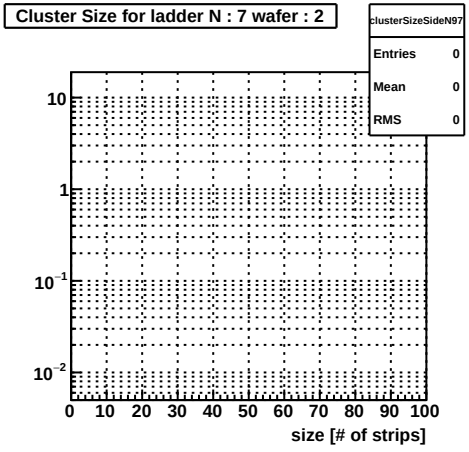

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

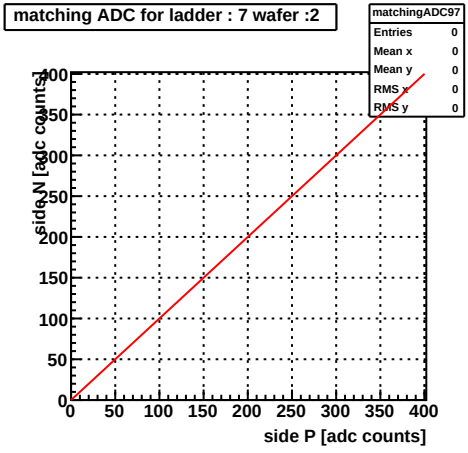

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

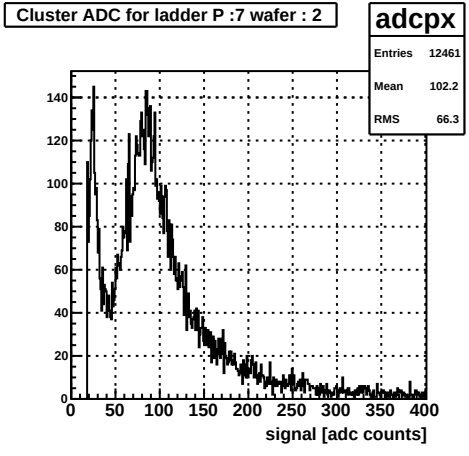

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 23945
Mean 77.18
RMS 62.89
signal [adc counts]

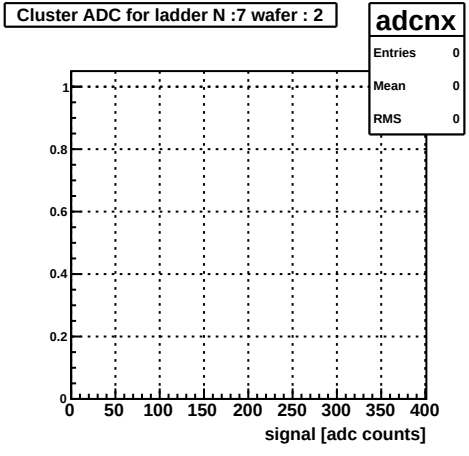

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

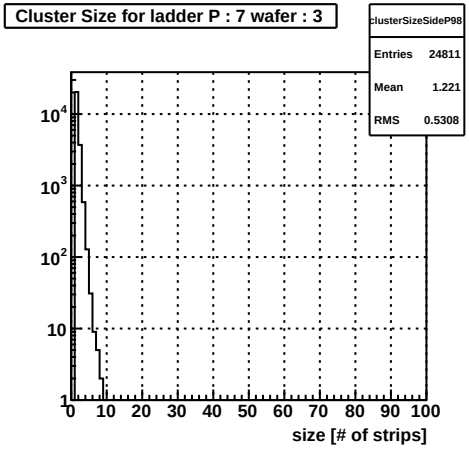

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 12461
Mean 1.488
RMS 0.7479
size [# of strips]

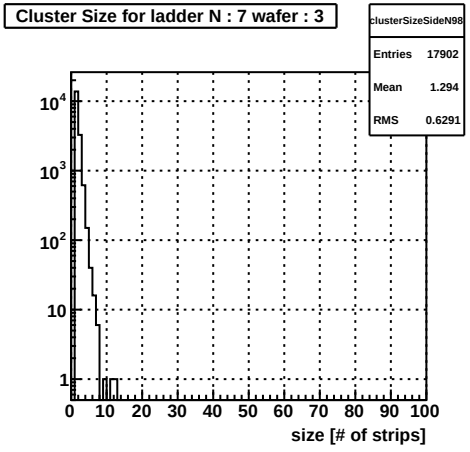

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

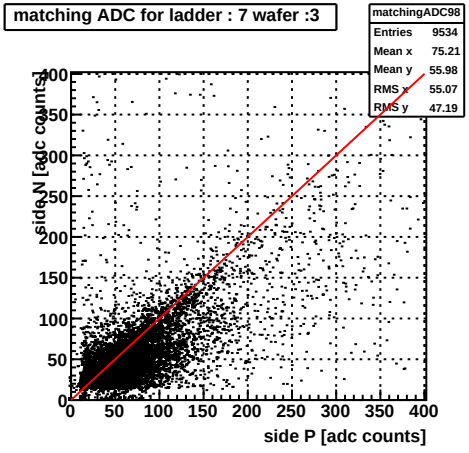

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

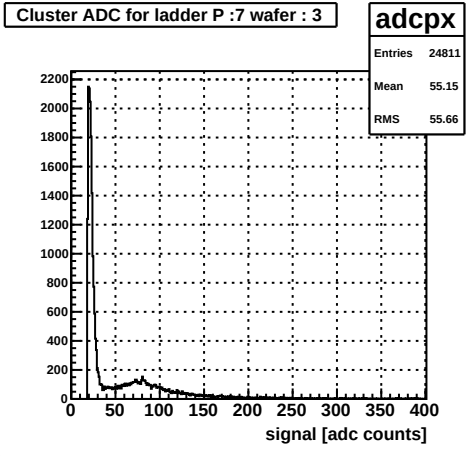

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 12461
Mean 102.2
RMS 66.3
signal [adc counts]

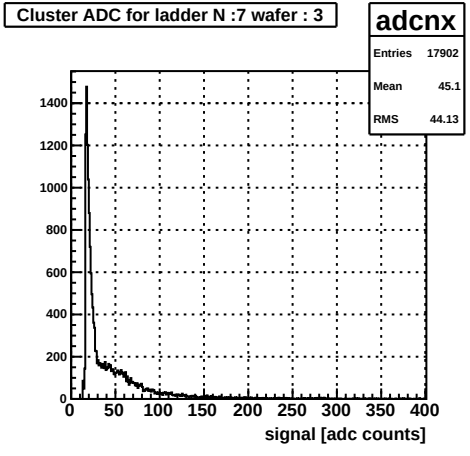

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

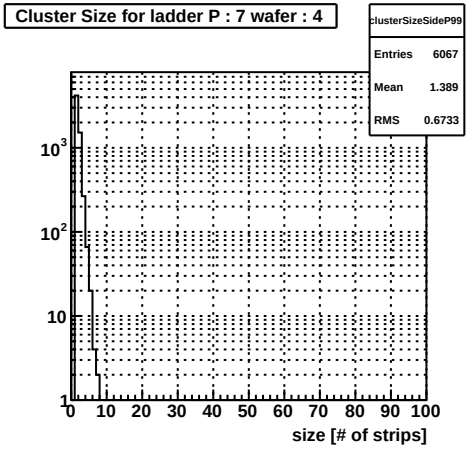

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 24811
Mean 1.221
RMS 0.5308
size [# of strips]

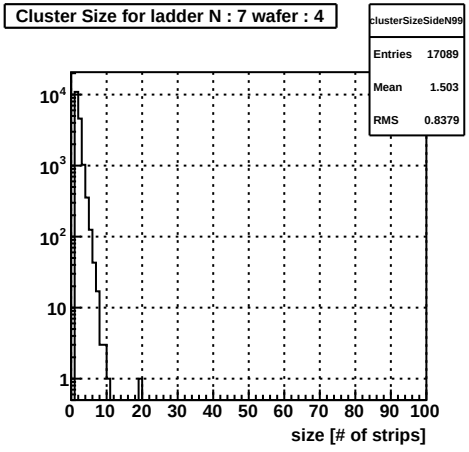

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 17902
Mean 1.294
RMS 0.6291
size [# of strips]

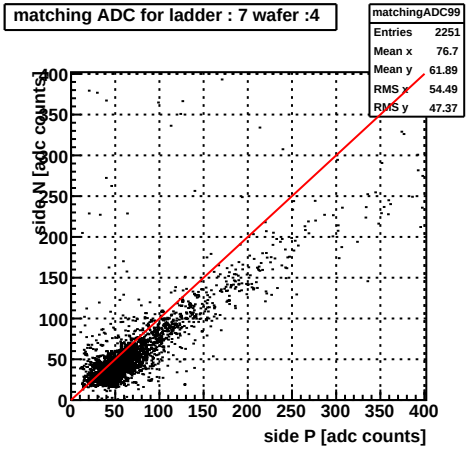

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9534
Mean x 75.21
Mean y 55.98
RMS x 55.07
RMS y 47.19
side N [adc counts]
side P [adc counts]

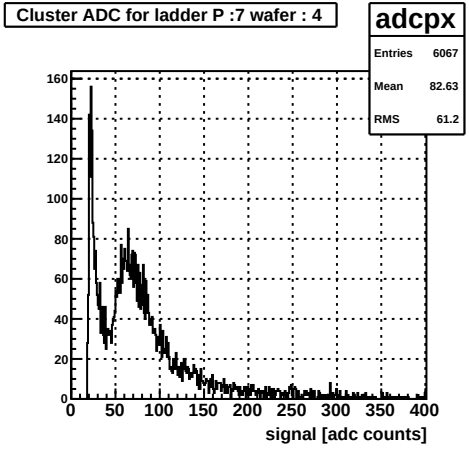

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 24811
Mean 55.15
RMS 55.66
signal [adc counts]

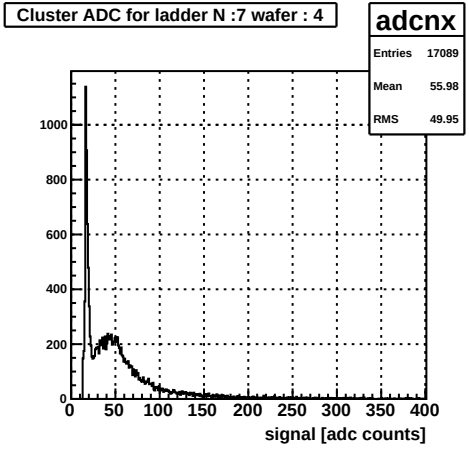

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 17902
Mean 45.1
RMS 44.13
signal [adc counts]

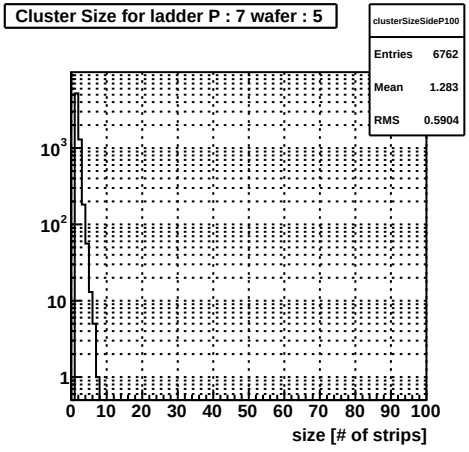

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 6067
Mean 1.389
RMS 0.6733
size [# of strips]

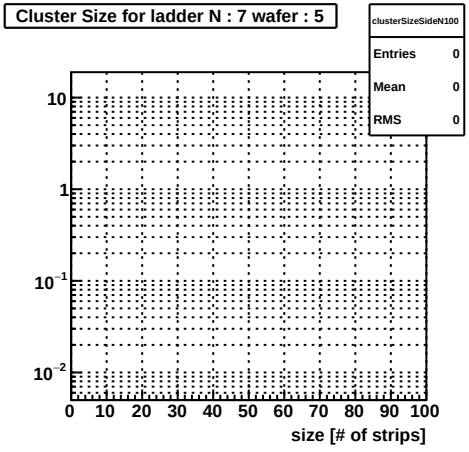

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 17089
Mean 1.503
RMS 0.8379
size [# of strips]

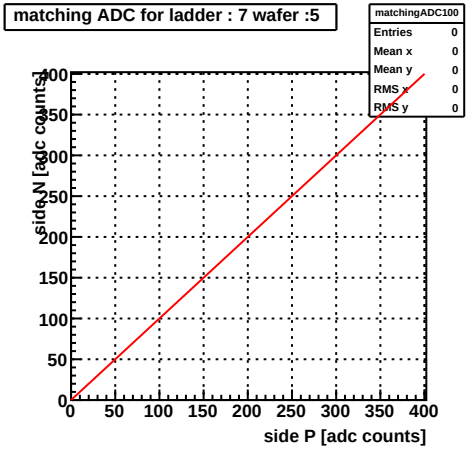

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2251
Mean x 76.7
Mean y 61.89
RMS x 54.49
RMS y 47.37
side N [adc counts]
side P [adc counts]

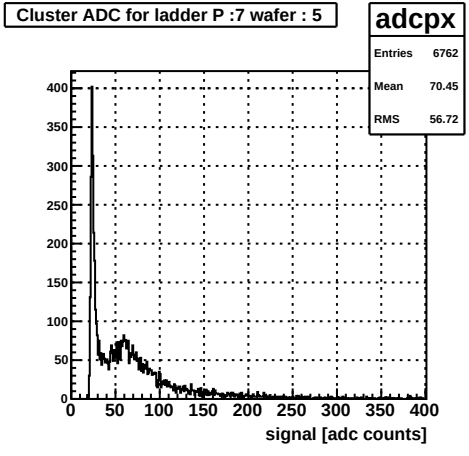

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 6067
Mean 82.63
RMS 61.2
signal [adc counts]

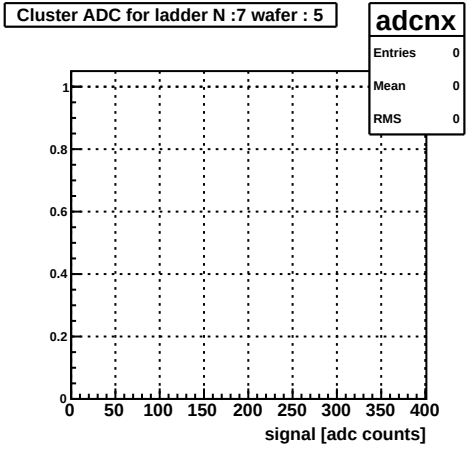

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 17089
Mean 55.98
RMS 49.95
signal [adc counts]

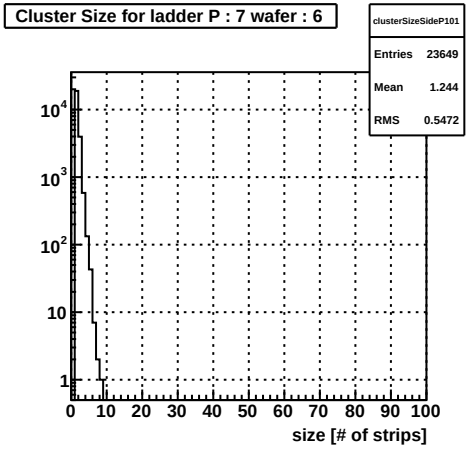

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6762
Mean 1.283
RMS 0.5904
size [# of strips]

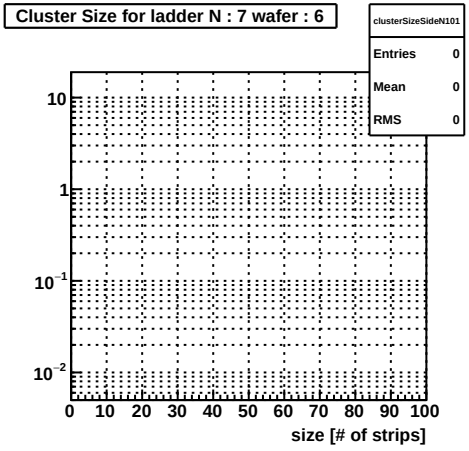

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

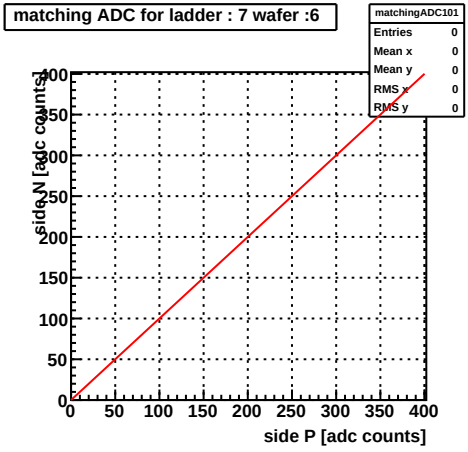

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

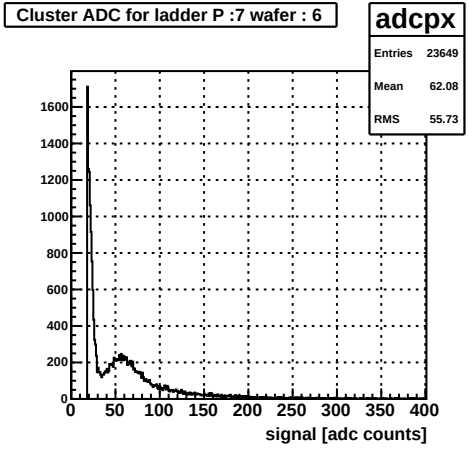

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6762
Mean 70.45
RMS 56.72
signal [adc counts]

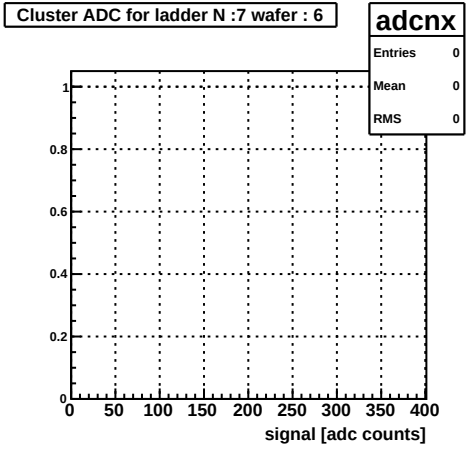

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

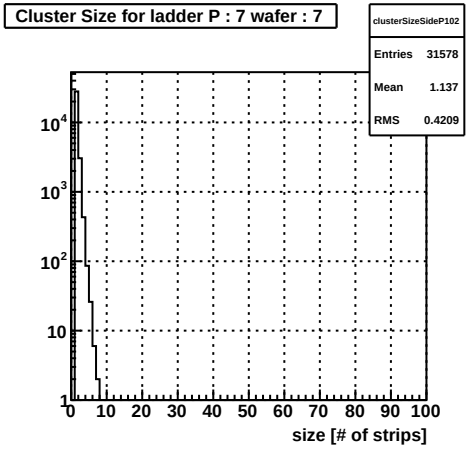

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 23649
Mean 1.244
RMS 0.5472
size [# of strips]

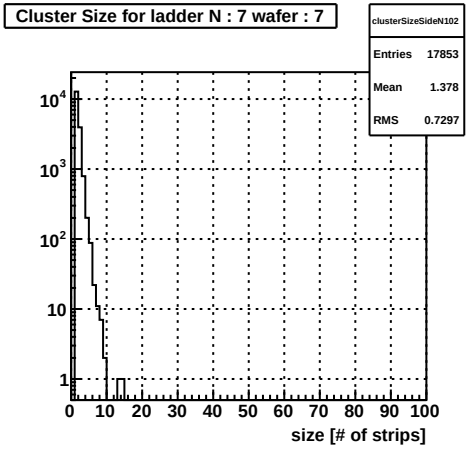

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

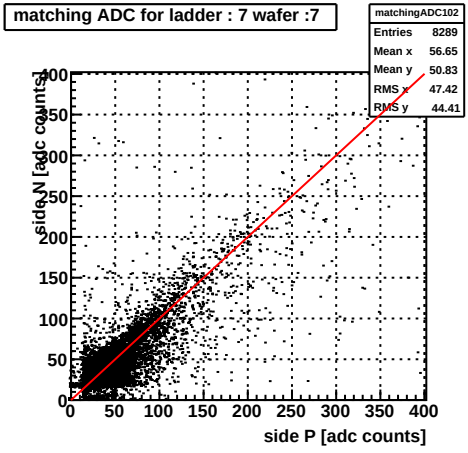

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

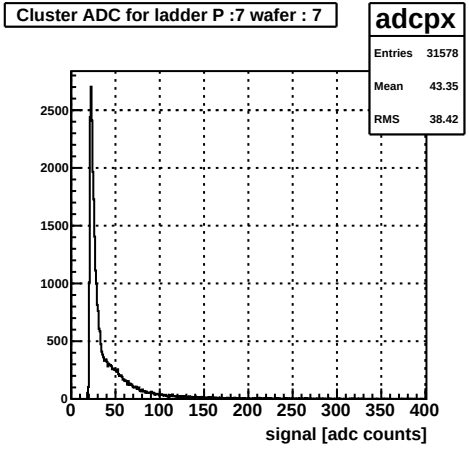

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 23649
Mean 62.08
RMS 55.73
signal [adc counts]

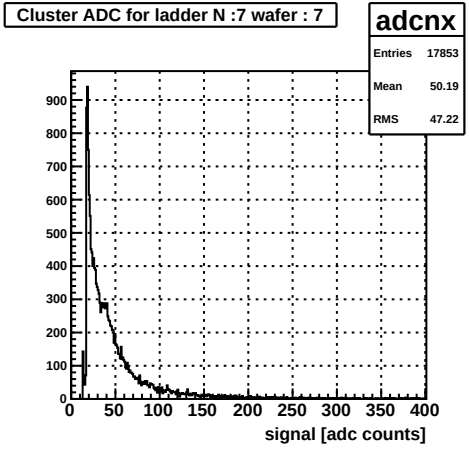

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

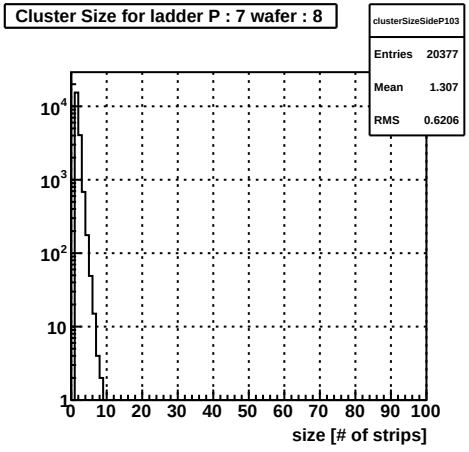

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 31578
Mean 1.137
RMS 0.4209
size [# of strips]

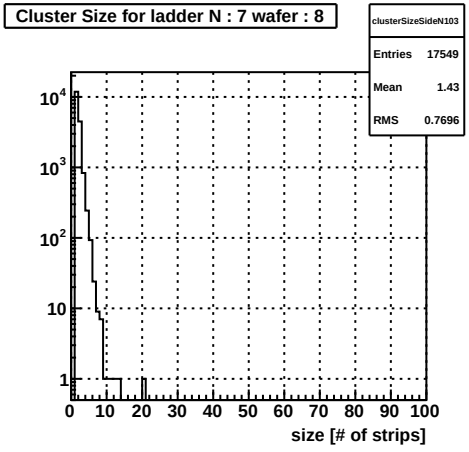

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 17853
Mean 1.378
RMS 0.7297
size [# of strips]

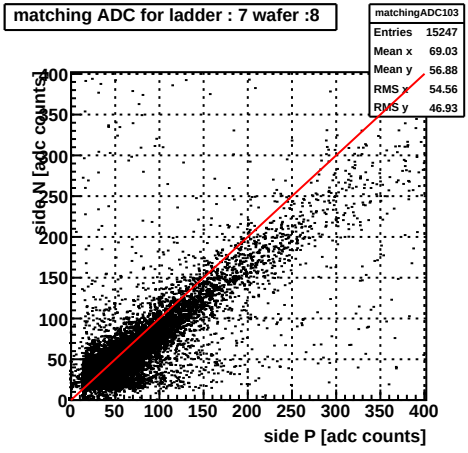

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 8289
Mean x 56.65
Mean y 50.83
RMS x 47.42
RMS y 44.41
side N [adc counts]
side P [adc counts]

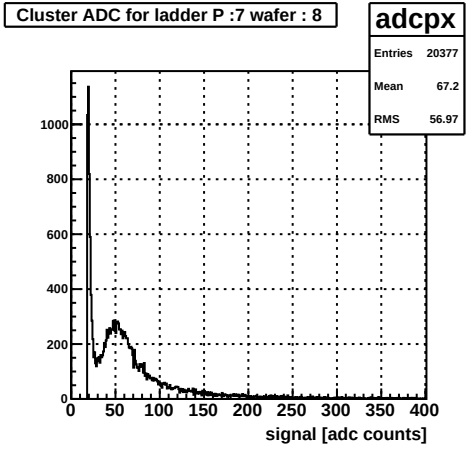

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 31578
Mean 43.35
RMS 38.42
signal [adc counts]

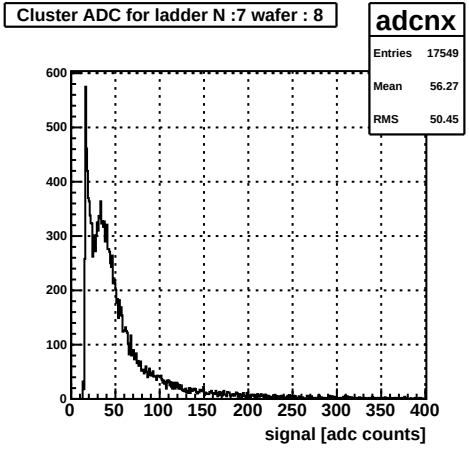

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 17853
Mean 50.19
RMS 47.22
signal [adc counts]

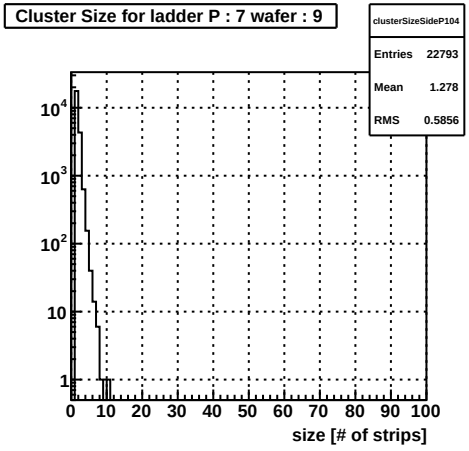

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 20377
Mean 1.307
RMS 0.6206
size [# of strips]

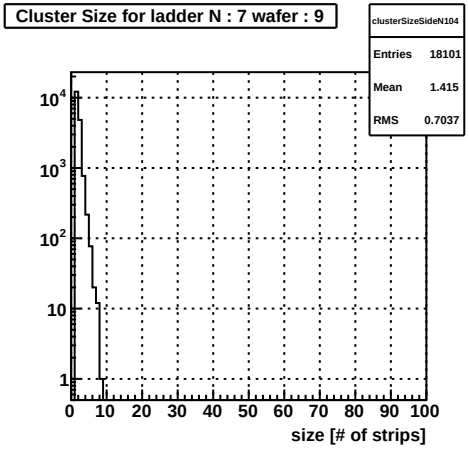

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 17549
Mean 1.43
RMS 0.7696
size [# of strips]

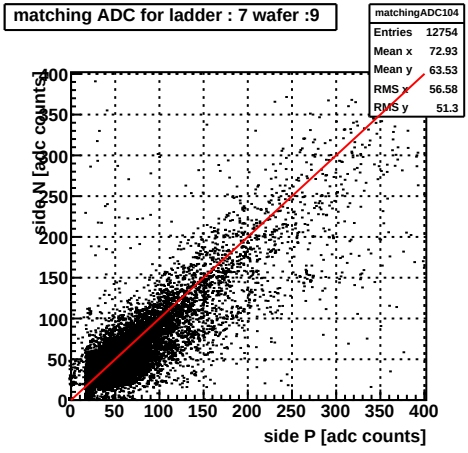

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 15247
Mean x 69.03
Mean y 56.88
RMS x 54.56
RMS y 46.93
side N [adc counts]
side P [adc counts]

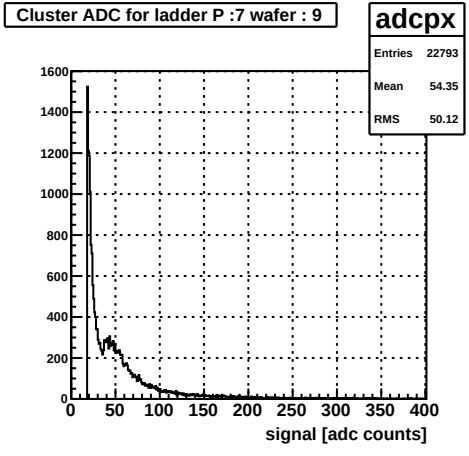

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 20377
Mean 67.2
RMS 56.97
signal [adc counts]

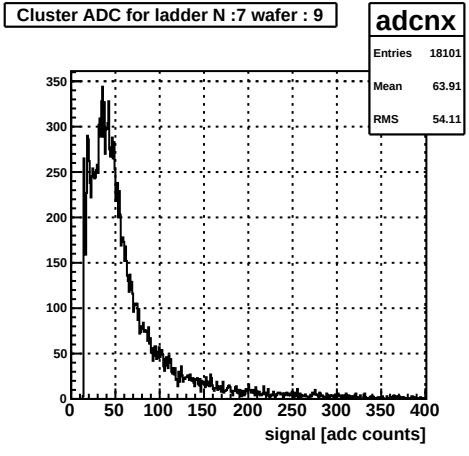

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 17549
Mean 56.27
RMS 50.45
signal [adc counts]

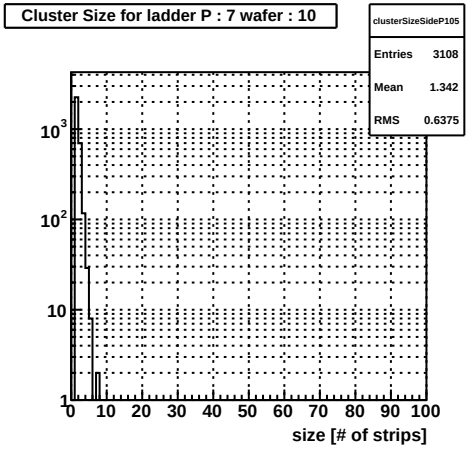

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 22793
Mean 1.278
RMS 0.5856
size [# of strips]

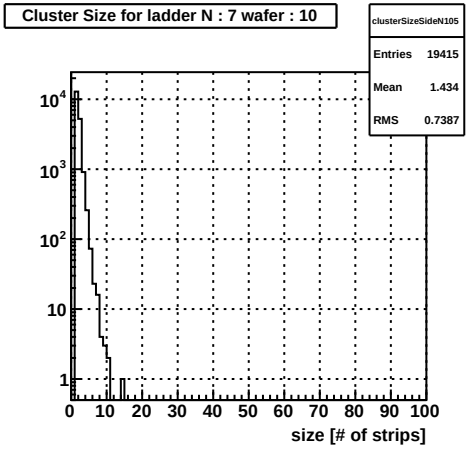

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 18101
Mean 1.415
RMS 0.7037
size [# of strips]

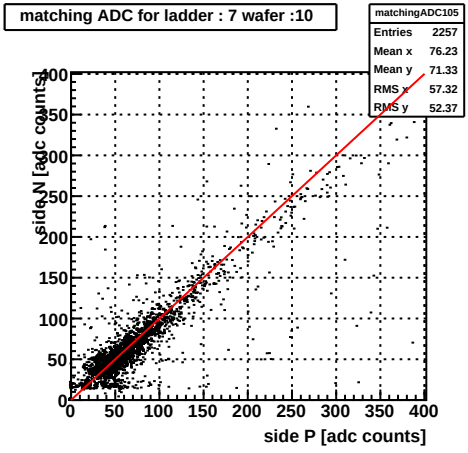

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 12754
Mean x 72.93
Mean y 63.53
RMS x 56.58
RMS y 51.3
side N [adc counts]
side P [adc counts]

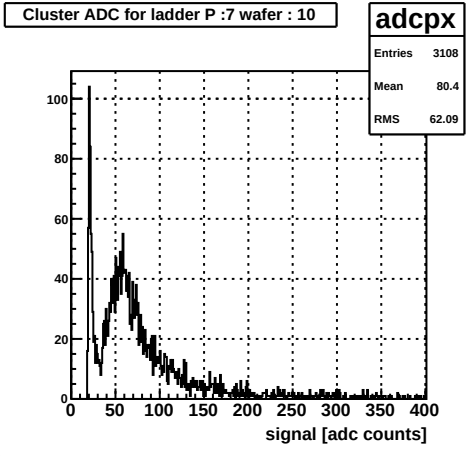

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 22793
Mean 54.35
RMS 50.12
signal [adc counts]

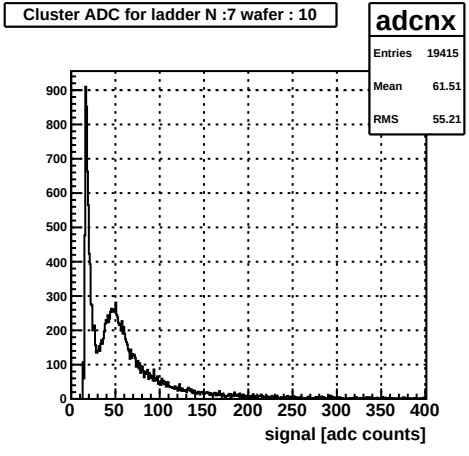

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 18101
Mean 63.91
RMS 54.11
signal [adc counts]

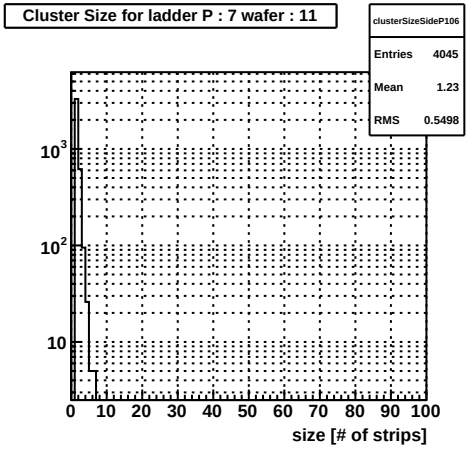

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3108
Mean 1.342
RMS 0.6375
size [# of strips]

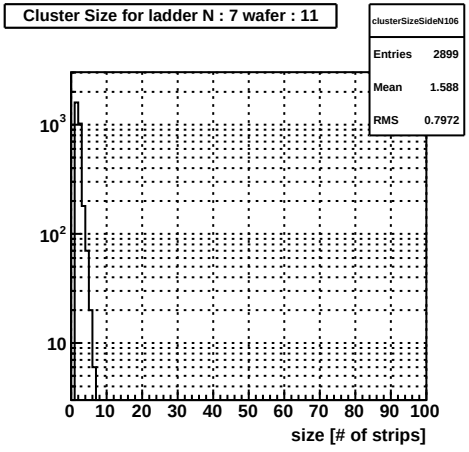

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 19415
Mean 1.434
RMS 0.7387
size [# of strips]

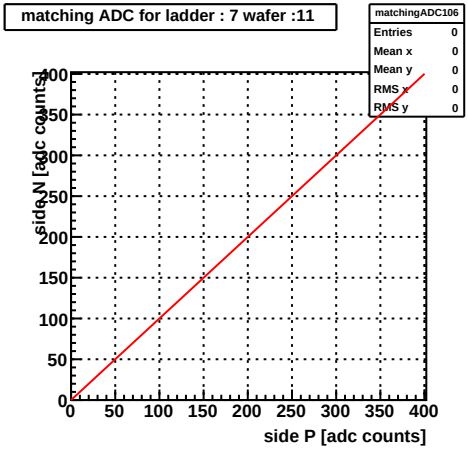

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2257
Mean x 76.23
Mean y 71.33
RMS x 57.32
RMS y 52.37
side N [adc counts]
side P [adc counts]

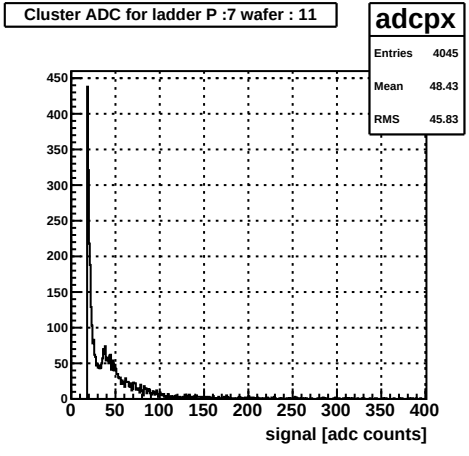

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3108
Mean 80.4
RMS 62.09
signal [adc counts]

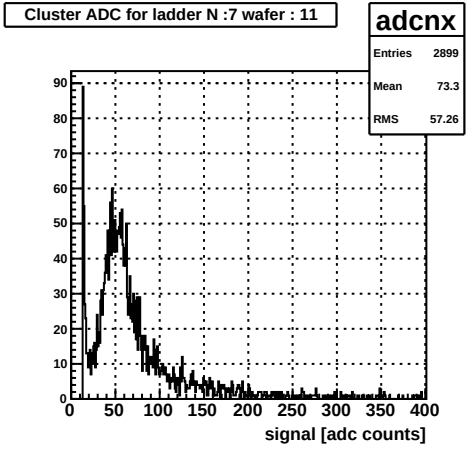

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 19415
Mean 61.51
RMS 55.21
signal [adc counts]

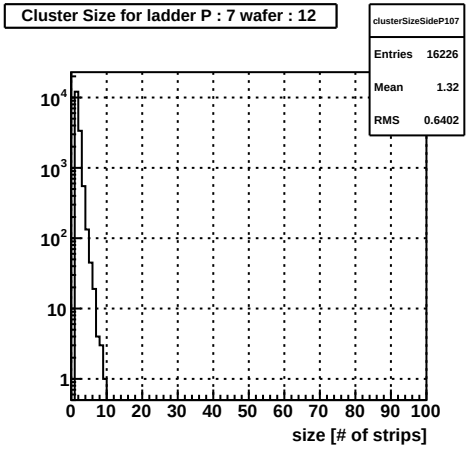

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 4045
Mean 1.23
RMS 0.5498
size [# of strips]

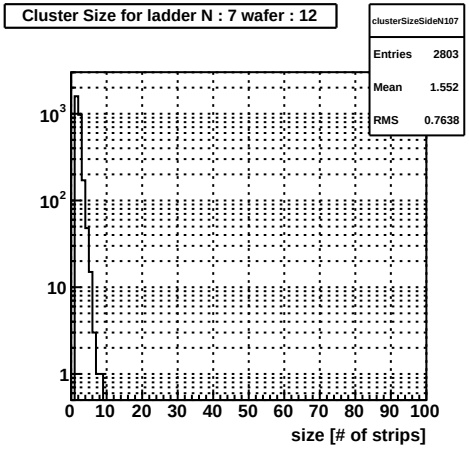

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 2899
Mean 1.588
RMS 0.7972
size [# of strips]

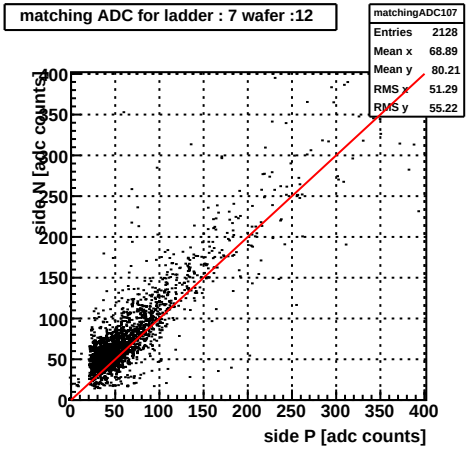

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

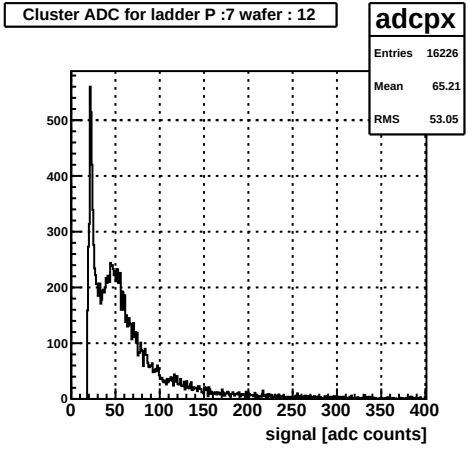

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 4045
Mean 48.43
RMS 45.83
signal [adc counts]

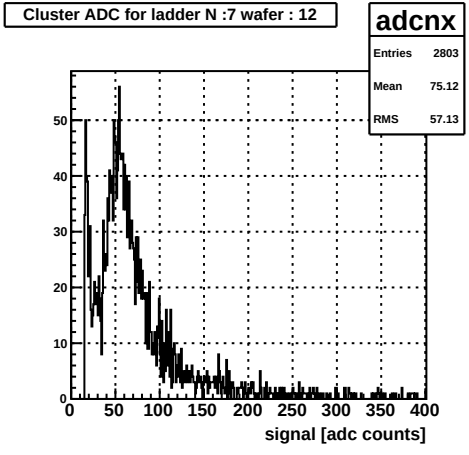

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 2899
Mean 73.3
RMS 57.26
signal [adc counts]

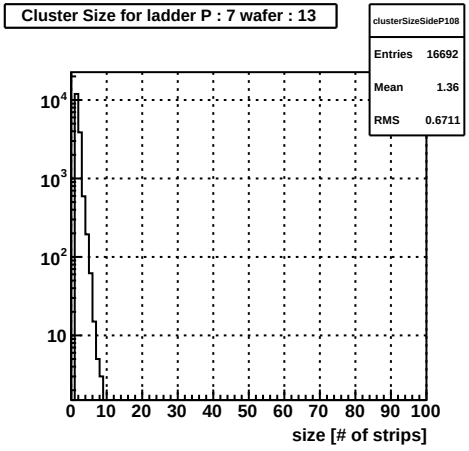

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 16226
Mean 1.32
RMS 0.6402
size [# of strips]

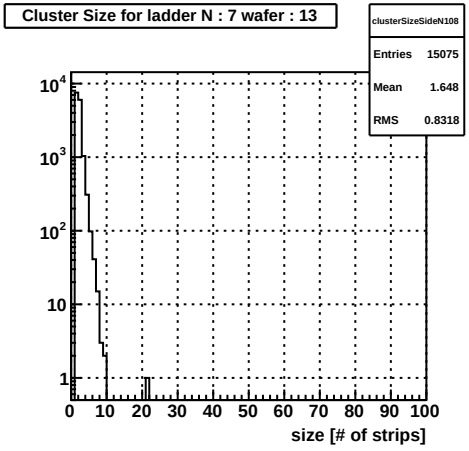

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2803
Mean 1.552
RMS 0.7638
size [# of strips]

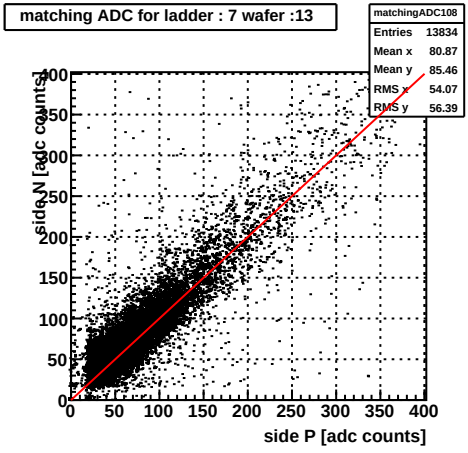

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 2128
Mean x 68.89
Mean y 80.21
RMS x 51.29
RMS y 55.22
side N [adc counts]
side P [adc counts]

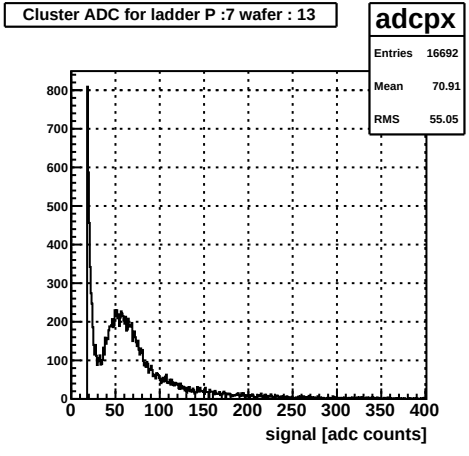

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 16226
Mean 65.21
RMS 53.05
signal [adc counts]

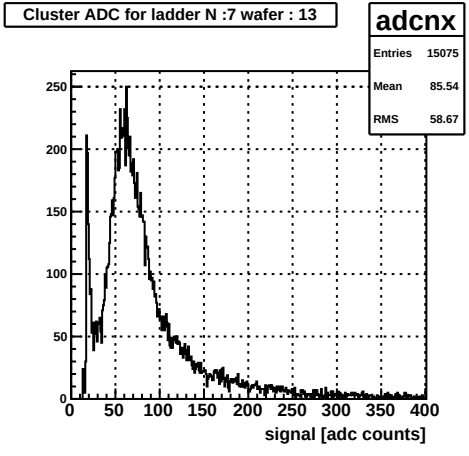

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2803
Mean 75.12
RMS 57.13
signal [adc counts]

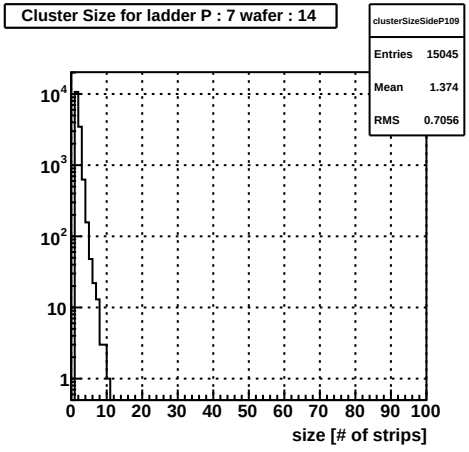

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 16692
Mean 1.36
RMS 0.6711
size [# of strips]

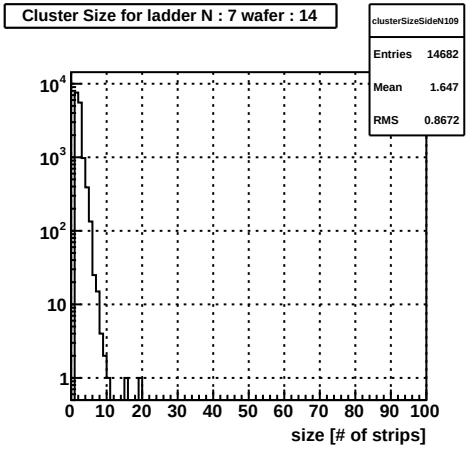

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 15075
Mean 1.648
RMS 0.8318
size [# of strips]

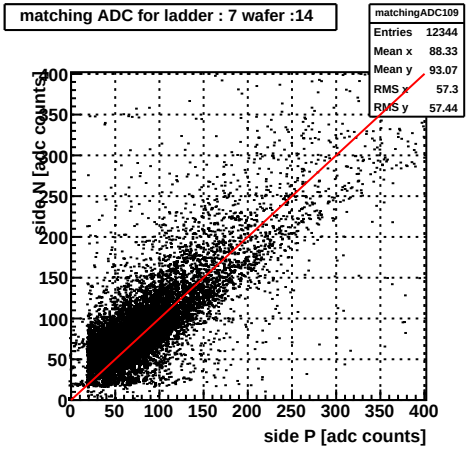

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 13834
Mean x 80.87
Mean y 85.46
RMS x 54.07
RMS y 56.39
side N [adc counts]
side P [adc counts]

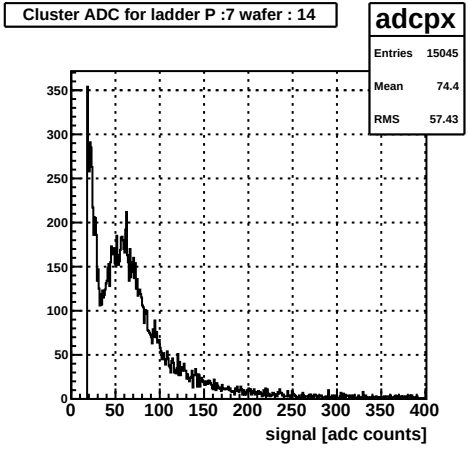

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 16692
Mean 70.91
RMS 55.05
signal [adc counts]

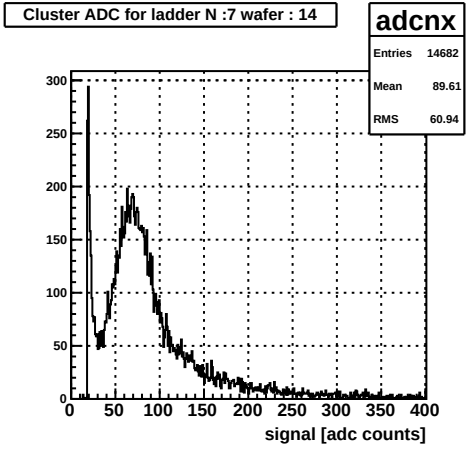

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 15075
Mean 85.54
RMS 58.67
signal [adc counts]

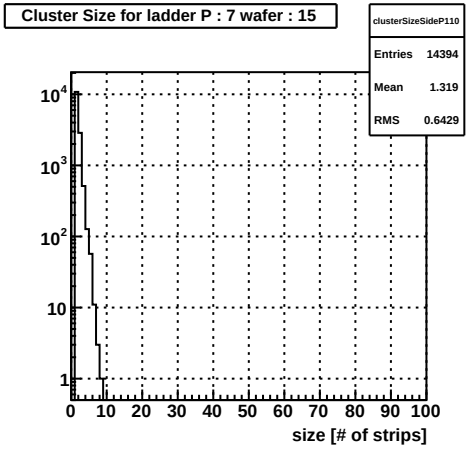

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 15045
Mean 1.374
RMS 0.7056
size [# of strips]

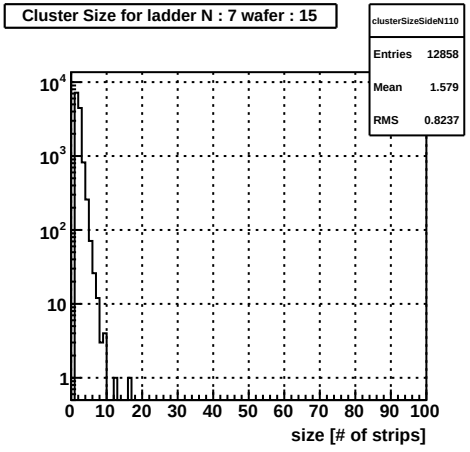

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 14682
Mean 1.647
RMS 0.8672
size [# of strips]

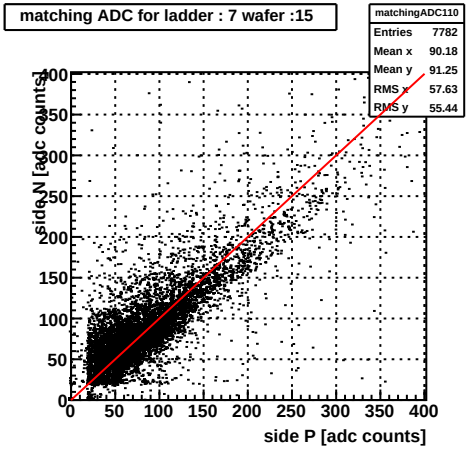

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 12344
Mean x 88.33
Mean y 93.07
RMS x 57.3
RMS y 57.44
side N [adc counts]
side P [adc counts]

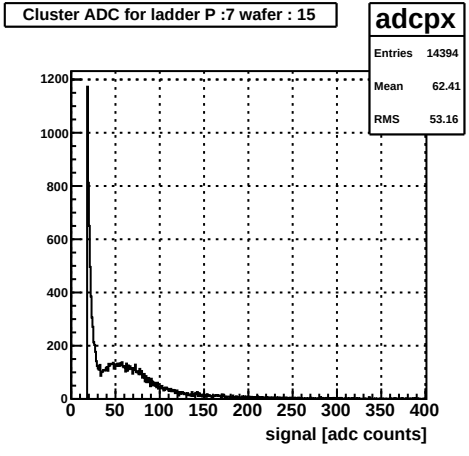

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 15045
Mean 74.4
RMS 57.43
signal [adc counts]

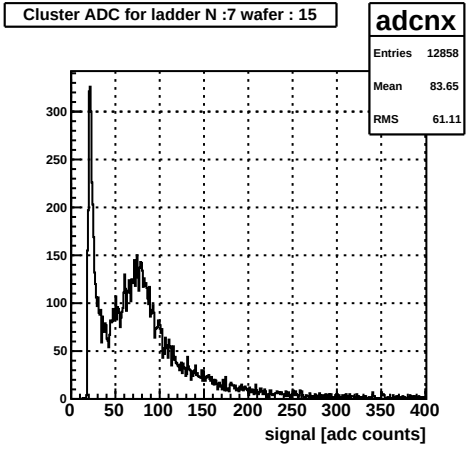

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 14682
Mean 89.61
RMS 60.94
signal [adc counts]

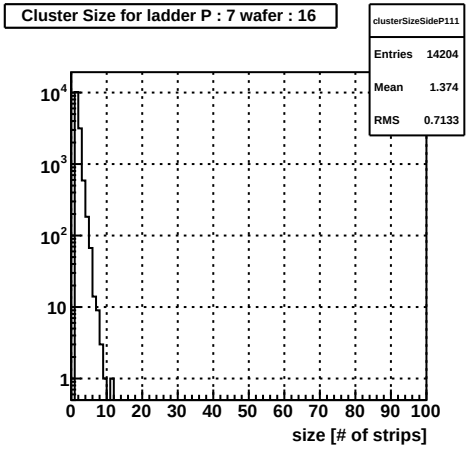

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 14394
Mean 1.319
RMS 0.6429
size [# of strips]

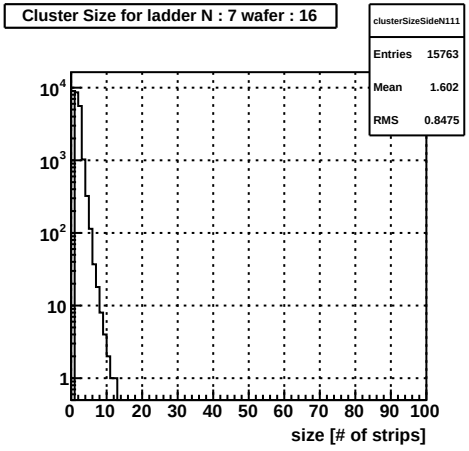

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 12858
Mean 1.579
RMS 0.8237
size [# of strips]

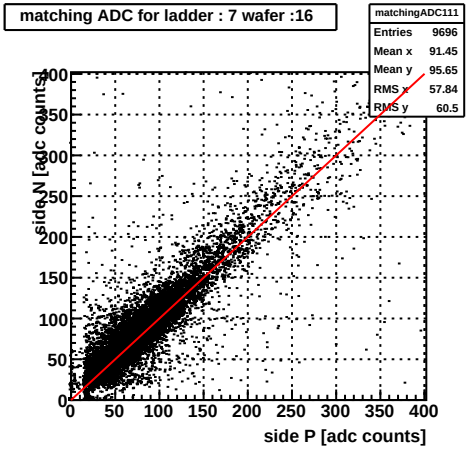

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 7782
Mean x 90.18
Mean y 91.25
RMS x 57.63
RMS y 55.44
side N [adc counts]
side P [adc counts]

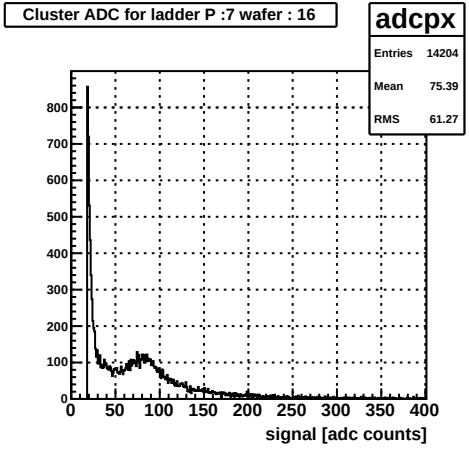

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 14394
Mean 62.41
RMS 53.16
signal [adc counts]

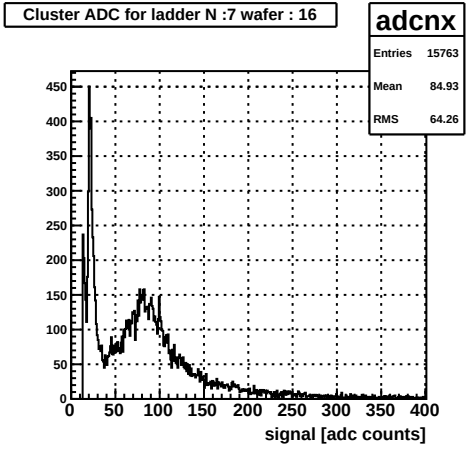

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 12858
Mean 83.65
RMS 61.11
signal [adc counts]

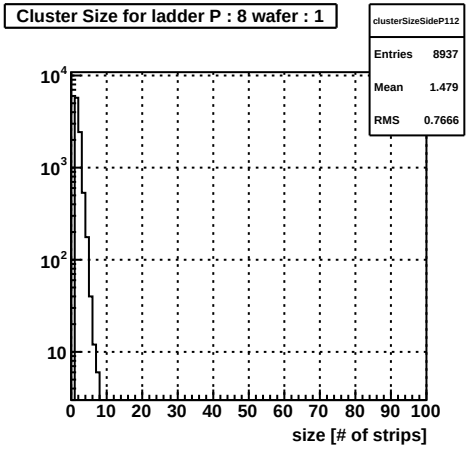

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 14204
Mean 1.374
RMS 0.7133
size [# of strips]

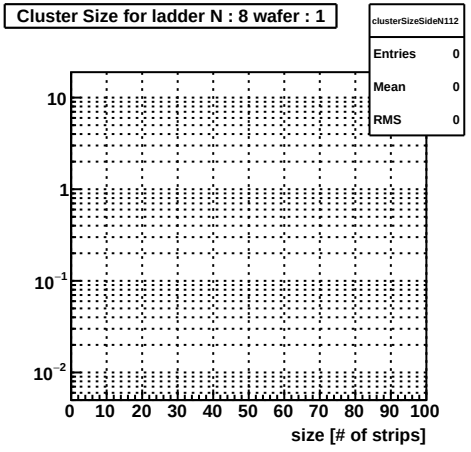

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 15763
Mean 1.602
RMS 0.8475
size [# of strips]

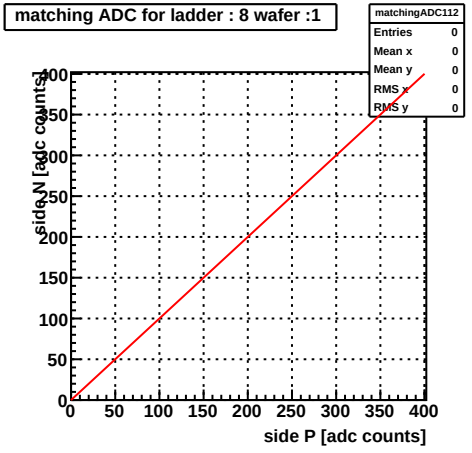

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 9696
Mean x 91.45
Mean y 95.65
RMS x 57.84
RMS y 60.5
side N [adc counts]
side P [adc counts]

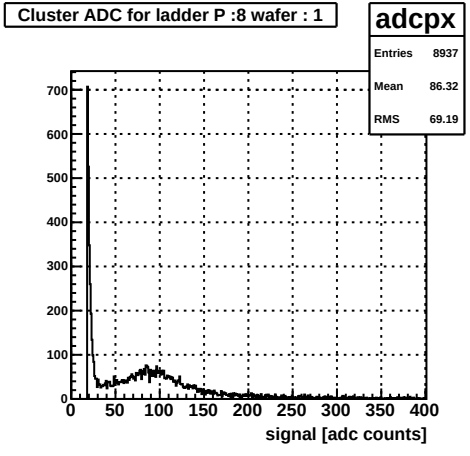

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 14204
Mean 75.39
RMS 61.27
signal [adc counts]

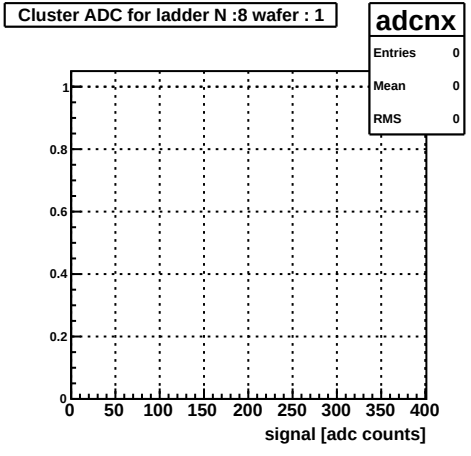

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 15763
Mean 84.93
RMS 64.26
signal [adc counts]

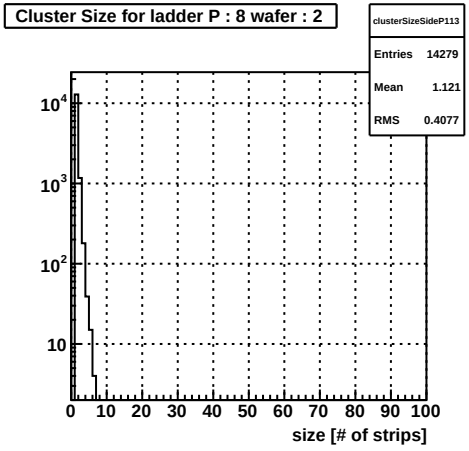

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 8937
Mean 1.479
RMS 0.7666
size [# of strips]

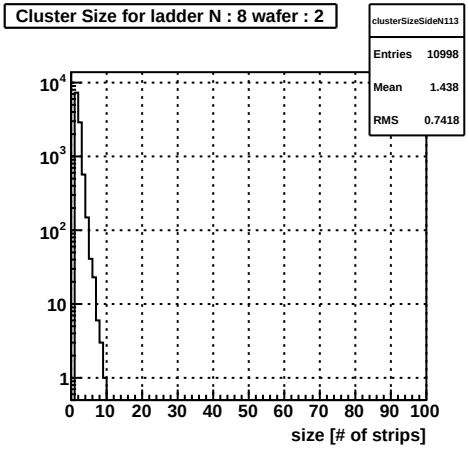

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

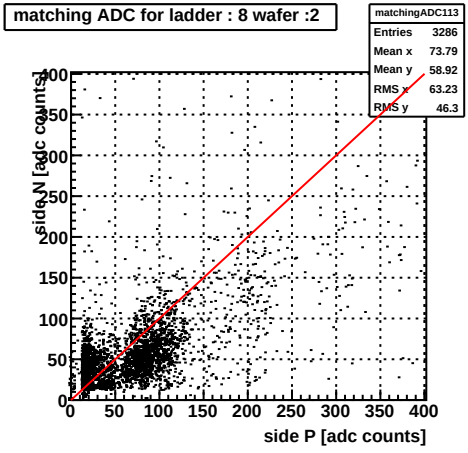

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

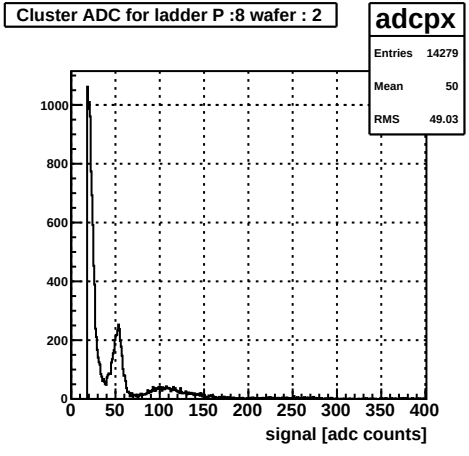

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 8937
Mean 86.32
RMS 69.19
signal [adc counts]

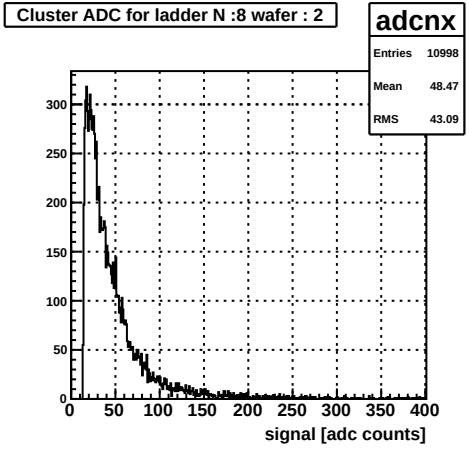

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

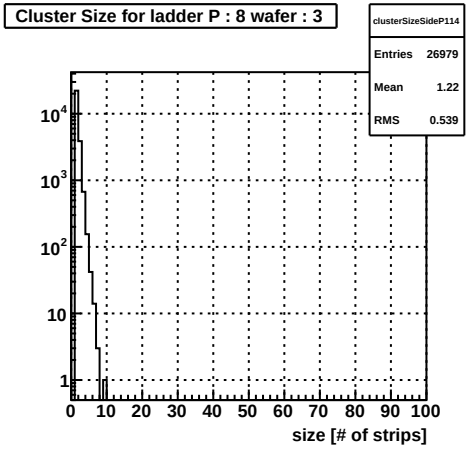

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14279
Mean 1.121
RMS 0.4077
size [# of strips]

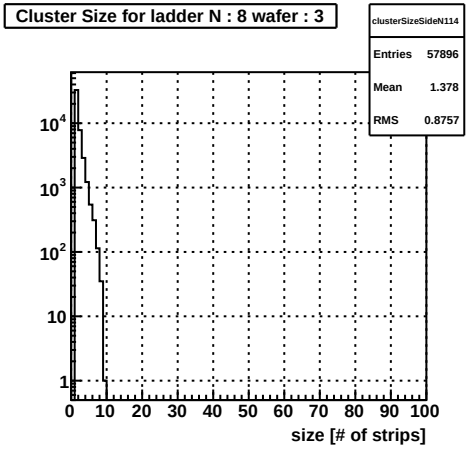

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 10998
Mean 1.438
RMS 0.7418
size [# of strips]

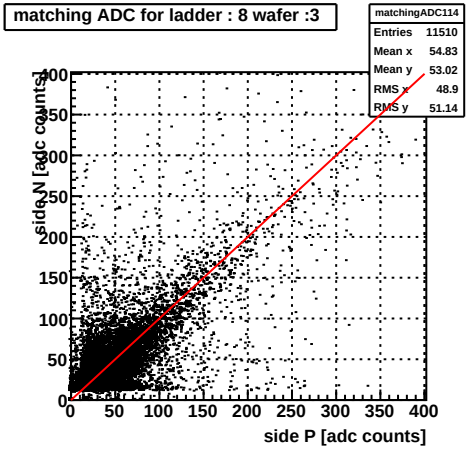

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3286
Mean x 73.79
Mean y 58.92
RMS x 63.23
RMS y 46.3
side N [adc counts]
side P [adc counts]

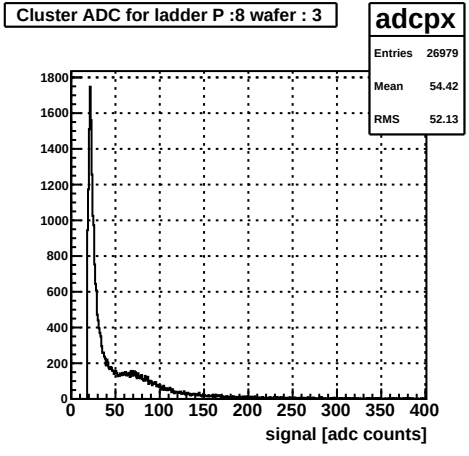

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14279
Mean 50
RMS 49.03
signal [adc counts]

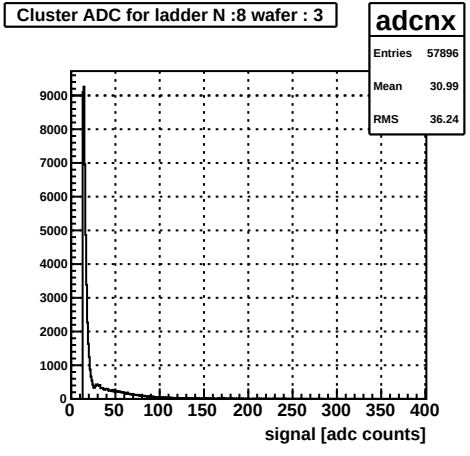

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 10998
Mean 48.47
RMS 43.09
signal [adc counts]

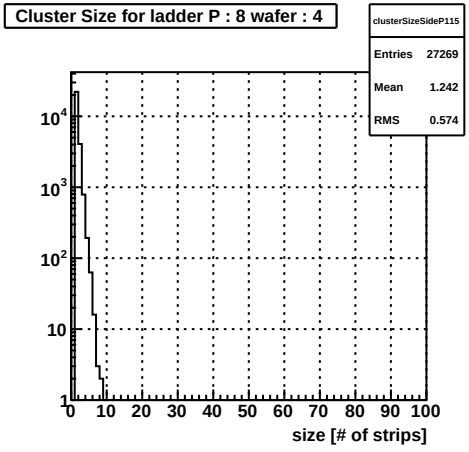

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 26979
Mean 1.22
RMS 0.539
size [# of strips]

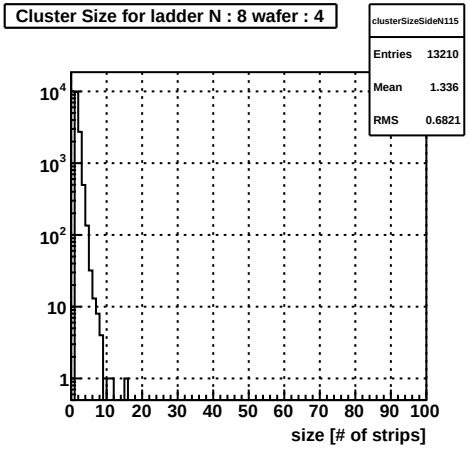

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 57896
Mean 1.378
RMS 0.8757
size [# of strips]

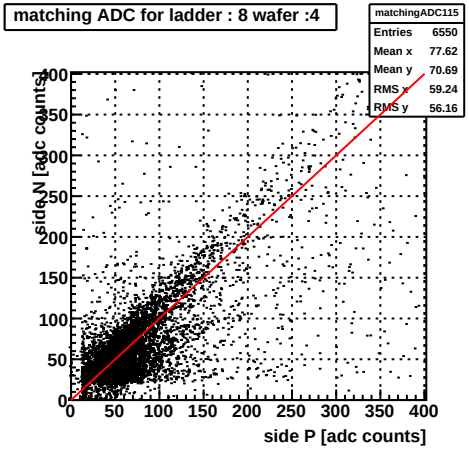

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 11510
Mean x 54.83
Mean y 53.02
RMS x 48.9
RMS y 51.14
side N [adc counts]
side P [adc counts]

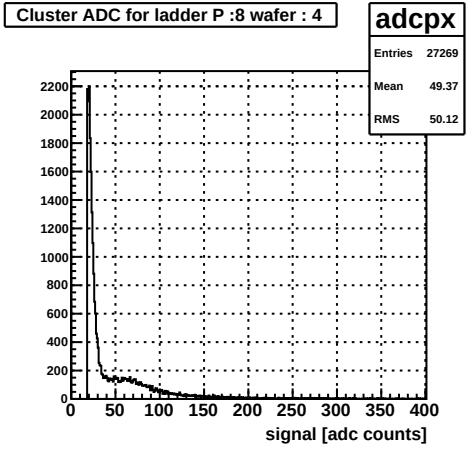

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 26979
Mean 54.42
RMS 52.13
signal [adc counts]

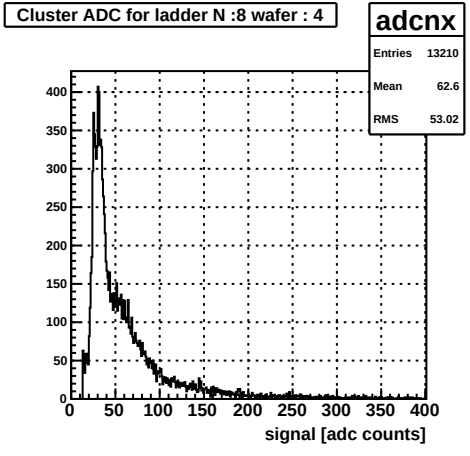

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 57896
Mean 30.99
RMS 36.24
signal [adc counts]

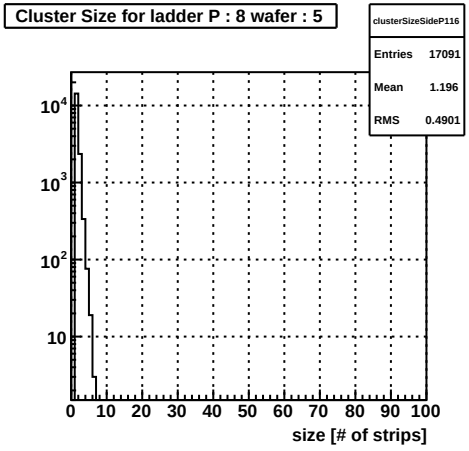

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 27269
Mean 1.242
RMS 0.574
size [# of strips]

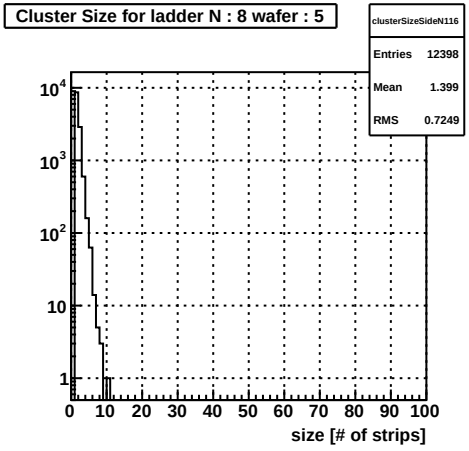

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 13210
Mean 1.336
RMS 0.6821
size [# of strips]

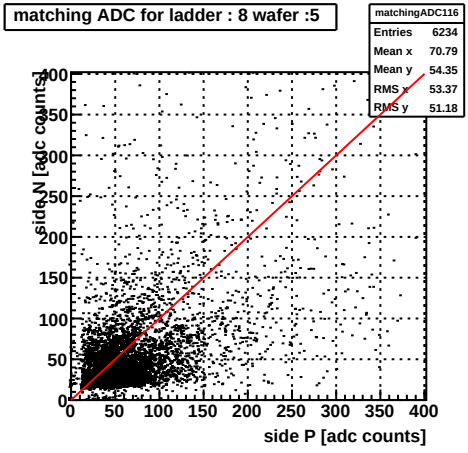

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6550
Mean x 77.62
Mean y 70.69
RMS x 59.24
RMS y 56.16
side N [adc counts]
side P [adc counts]

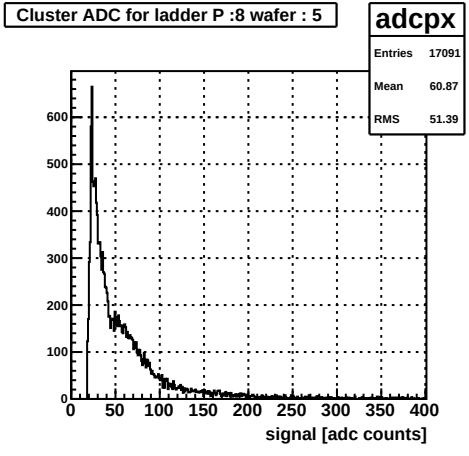

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 27269
Mean 49.37
RMS 50.12
signal [adc counts]

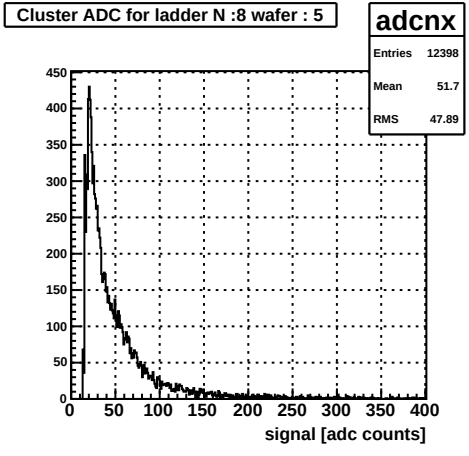

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 13210
Mean 62.6
RMS 53.02
signal [adc counts]

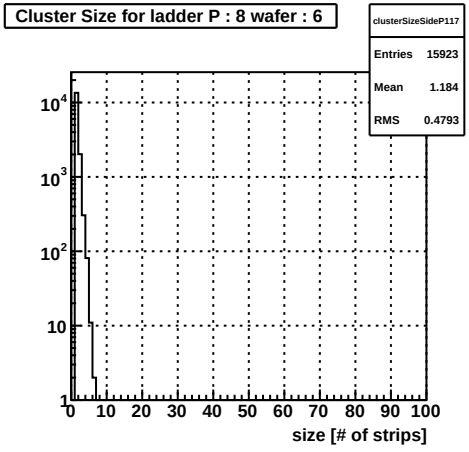

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 17091
Mean 1.196
RMS 0.4901
size [# of strips]

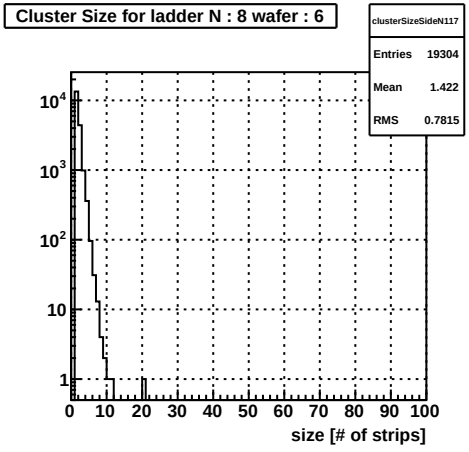

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 12398
Mean 1.399
RMS 0.7249
size [# of strips]

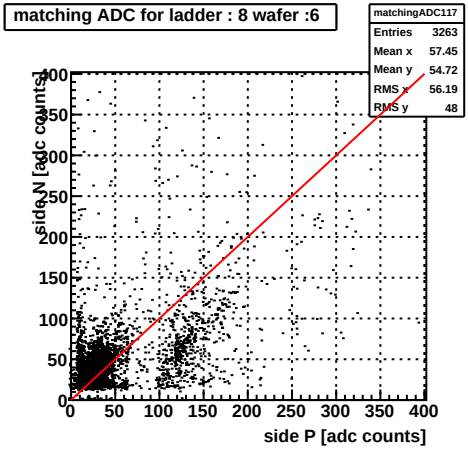

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 6234
Mean x 70.79
Mean y 54.35
RMS x 53.37
RMS y 51.18
side N [adc counts]
side P [adc counts]

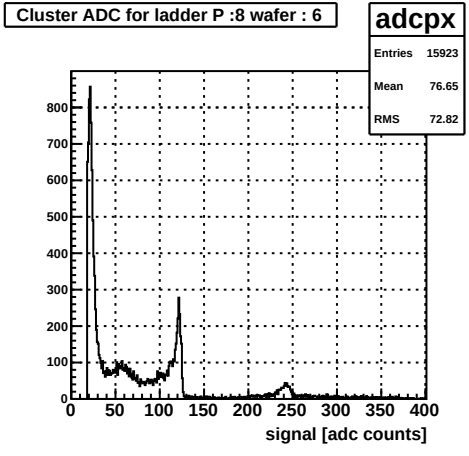

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 17091
Mean 60.87
RMS 51.39
signal [adc counts]

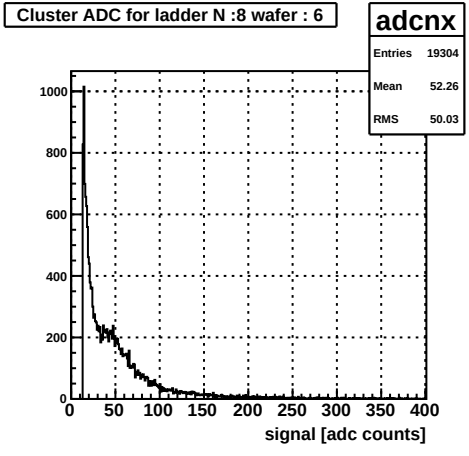

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 12398
Mean 51.7
RMS 47.89
signal [adc counts]

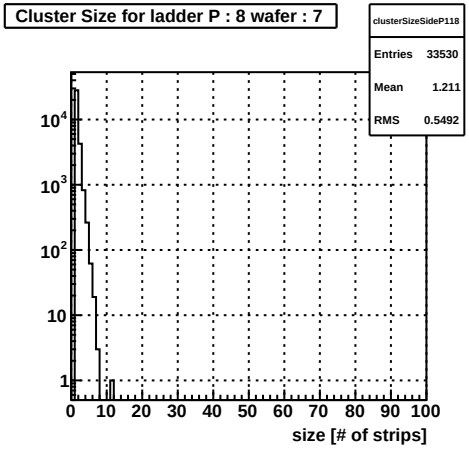

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15923
Mean 1.184
RMS 0.4793
size [# of strips]

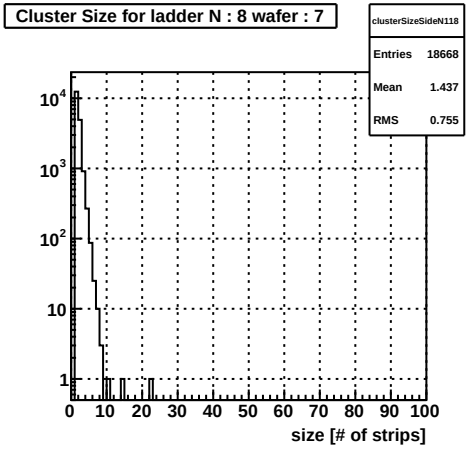

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 19304
Mean 1.422
RMS 0.7815
size [# of strips]

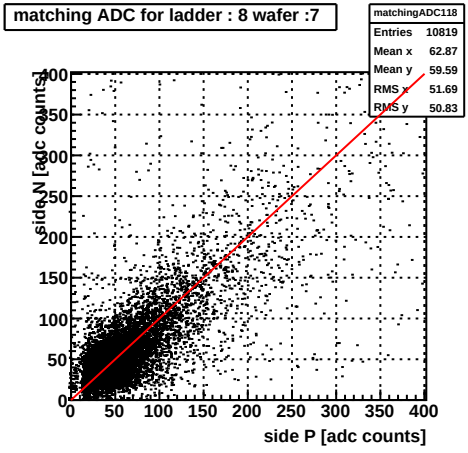

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3263
Mean x 57.45
Mean y 54.72
RMS x 56.19
RMS y 48
side N [adc counts]
side P [adc counts]

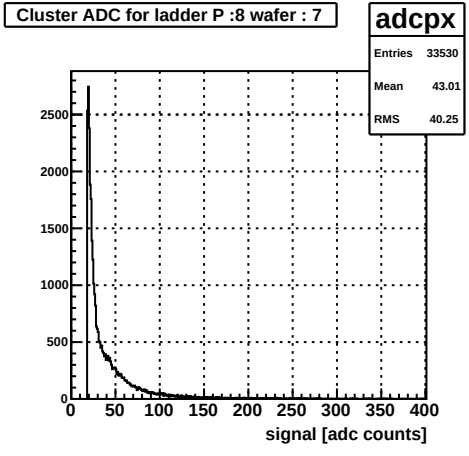

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15923
Mean 76.65
RMS 72.82
signal [adc counts]

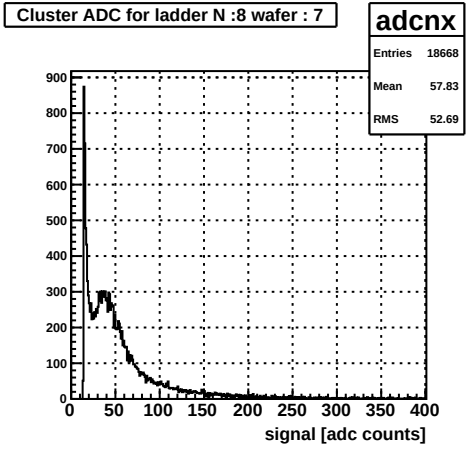

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 19304
Mean 52.26
RMS 50.03
signal [adc counts]

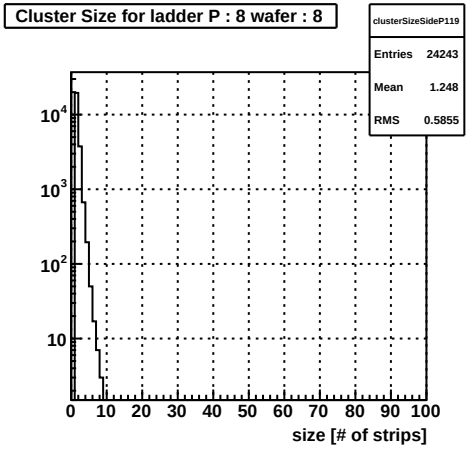

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 33530
Mean 1.211
RMS 0.5492
size [# of strips]

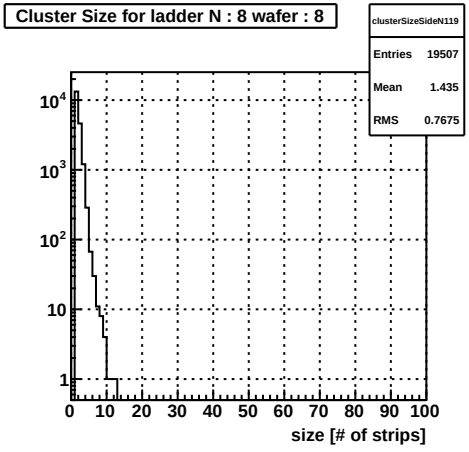

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 18668
Mean 1.437
RMS 0.755
size [# of strips]

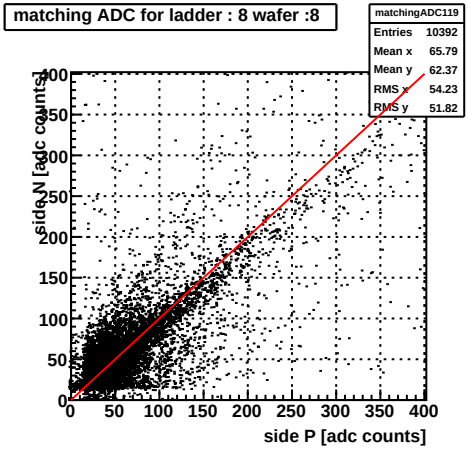

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 10819
Mean x 62.87
Mean y 59.59
RMS x 51.69
RMS y 50.83
side N [adc counts]
side P [adc counts]

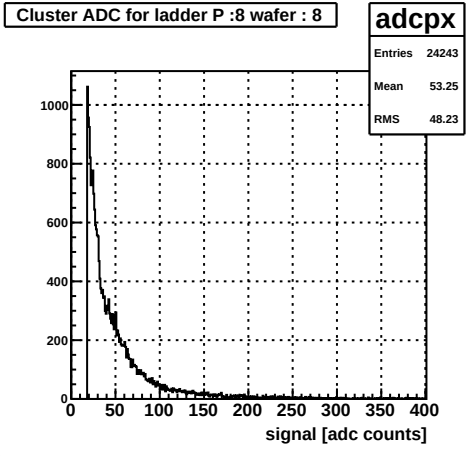

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 33530
Mean 43.01
RMS 40.25
signal [adc counts]

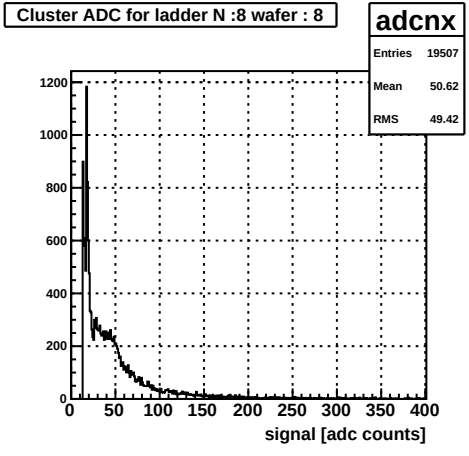

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 18668
Mean 57.83
RMS 52.69
signal [adc counts]

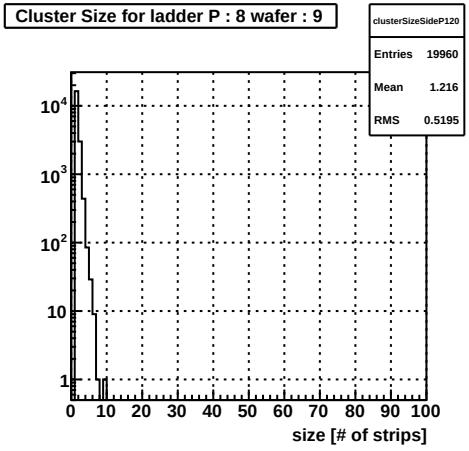

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 24243
Mean 1.248
RMS 0.5855
size [# of strips]

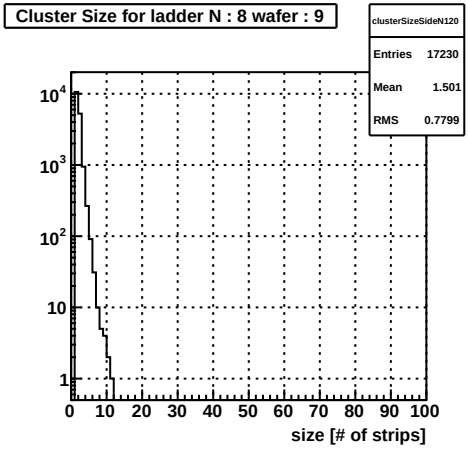

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 19507
Mean 1.435
RMS 0.7675
size [# of strips]

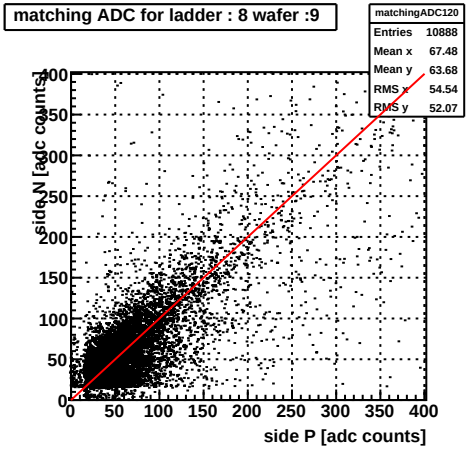

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10392
Mean x 65.79
Mean y 62.37
RMS x 54.23
RMS y 51.82
side N [adc counts]
side P [adc counts]

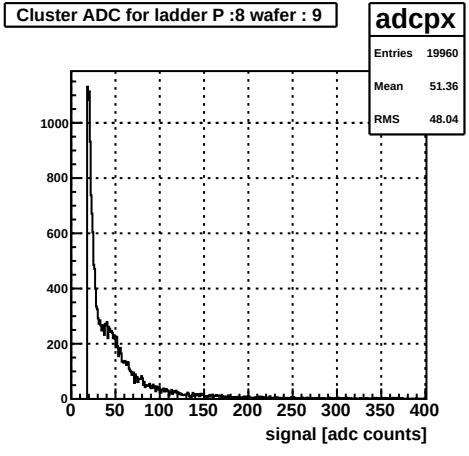

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 24243
Mean 53.25
RMS 48.23
signal [adc counts]

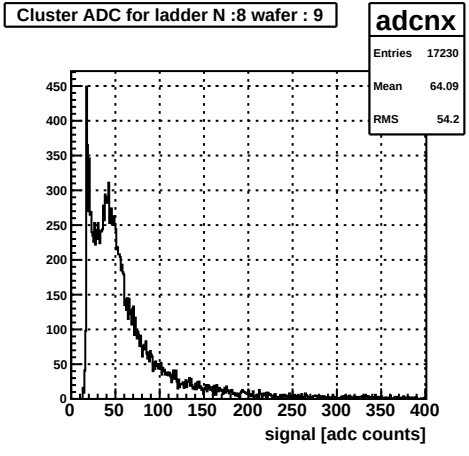

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 19507
Mean 50.62
RMS 49.42
signal [adc counts]

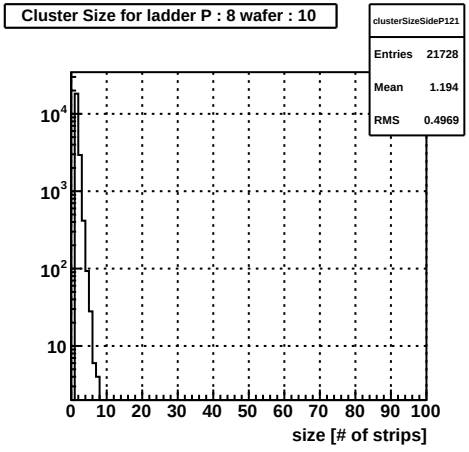

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 19960
Mean 1.216
RMS 0.5195
size [# of strips]

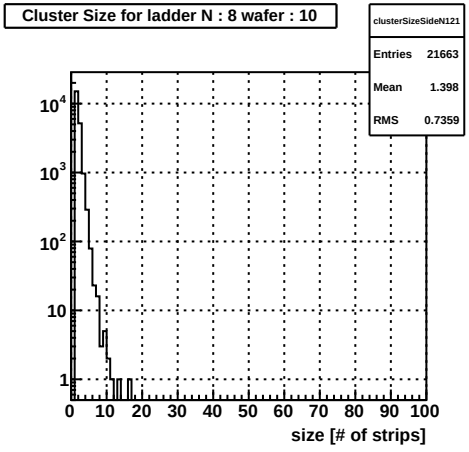

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 17230
Mean 1.501
RMS 0.7799
size [# of strips]

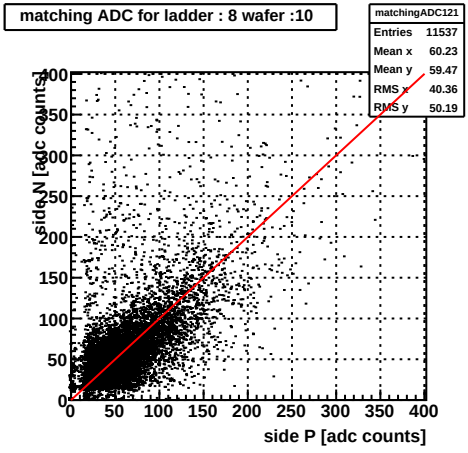

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10888
Mean x 67.48
Mean y 63.68
RMS x 54.54
RMS y 52.07
side N [adc counts]
side P [adc counts]

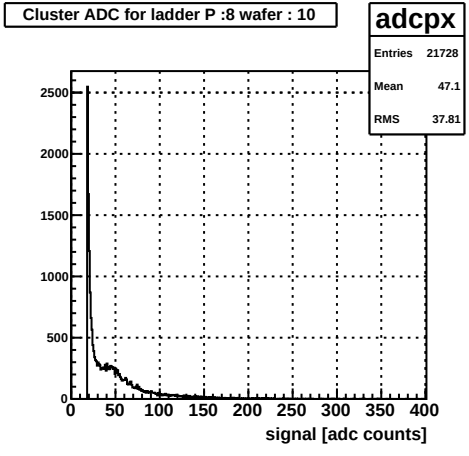

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 19960
Mean 51.36
RMS 48.04
signal [adc counts]

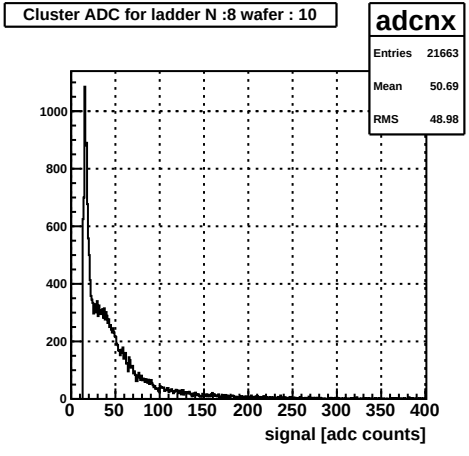

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 17230
Mean 64.09
RMS 54.2
signal [adc counts]

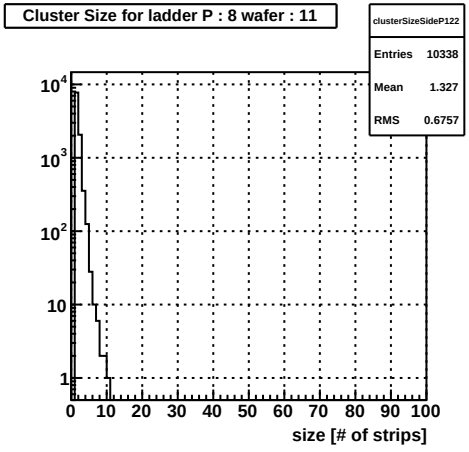

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 21728
Mean 1.194
RMS 0.4969
size [# of strips]

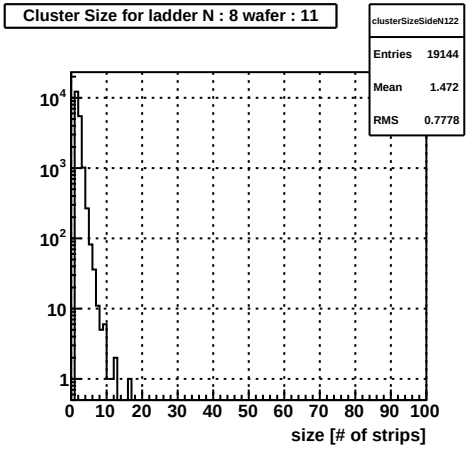

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 21663
Mean 1.398
RMS 0.7359
size [# of strips]

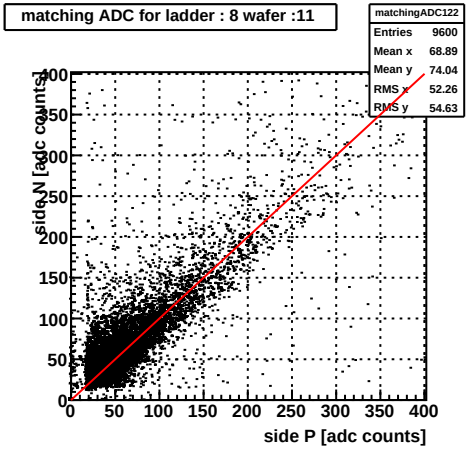

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 11537
Mean x 60.23
Mean y 59.47
RMS x 40.36
RMS y 50.19
side N [adc counts]
side P [adc counts]

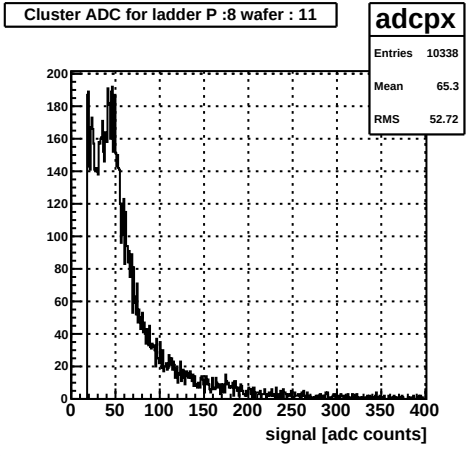

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 21728
Mean 47.1
RMS 37.81
signal [adc counts]

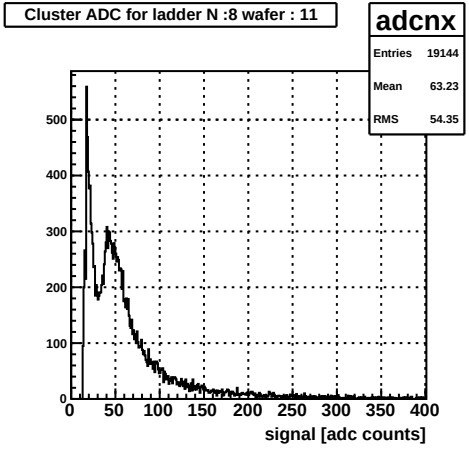

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 21663
Mean 50.69
RMS 48.98
signal [adc counts]

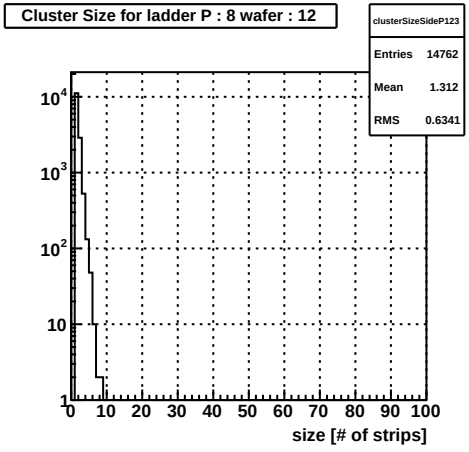

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 10338
Mean 1.327
RMS 0.6757
size [# of strips]

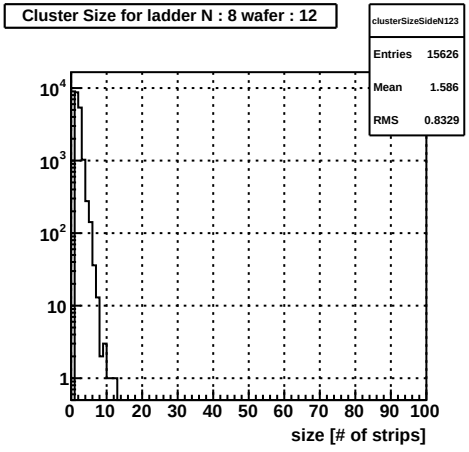

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 19144
Mean 1.472
RMS 0.7778
size [# of strips]

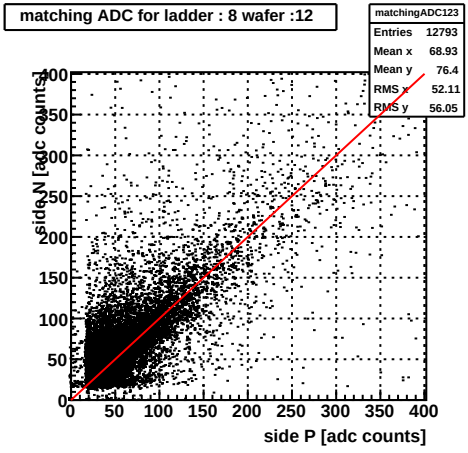

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9600
Mean x 68.89
Mean y 74.04
RMS x 52.26
RMS y 54.63
side N [adc counts]
side P [adc counts]

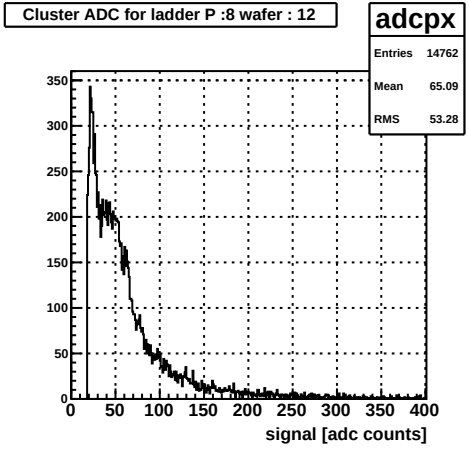

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 10338
Mean 65.3
RMS 52.72
signal [adc counts]

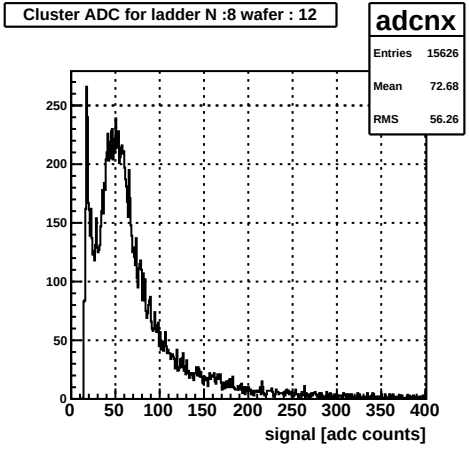

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 19144
Mean 63.23
RMS 54.35
signal [adc counts]

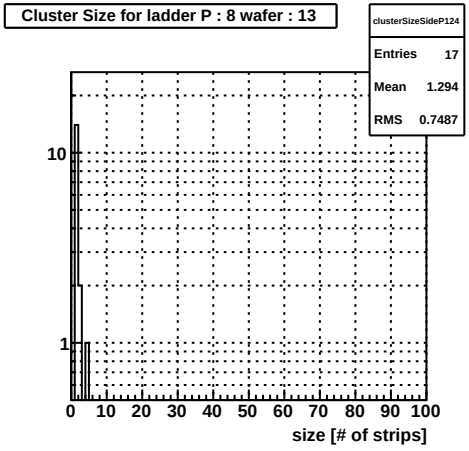

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 14762
Mean 1.312
RMS 0.6341
size [# of strips]

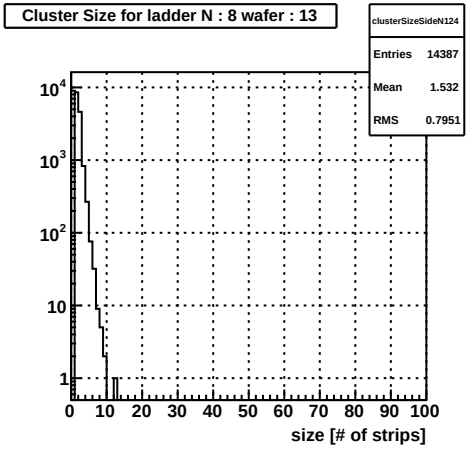

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 15626
Mean 1.586
RMS 0.8329
size [# of strips]

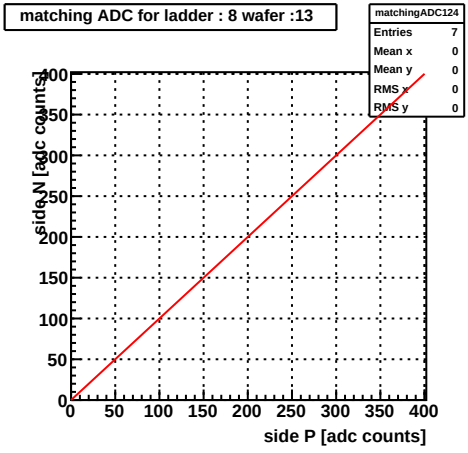

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 12793
Mean x 68.93
Mean y 76.4
RMS x 52.11
RMS y 56.05
side N [adc counts]
side P [adc counts]

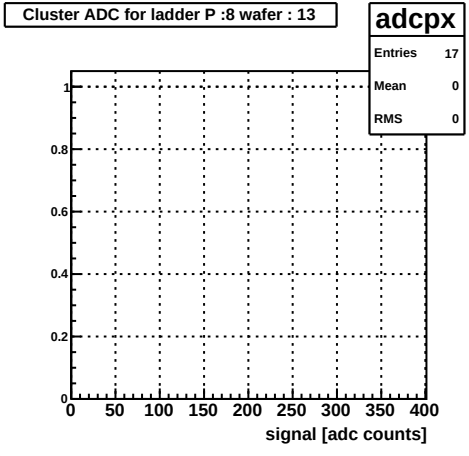

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 14762
Mean 65.09
RMS 53.28
signal [adc counts]

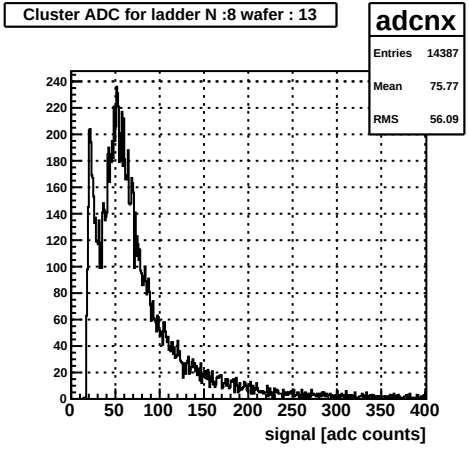

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 15626
Mean 72.68
RMS 56.26
signal [adc counts]

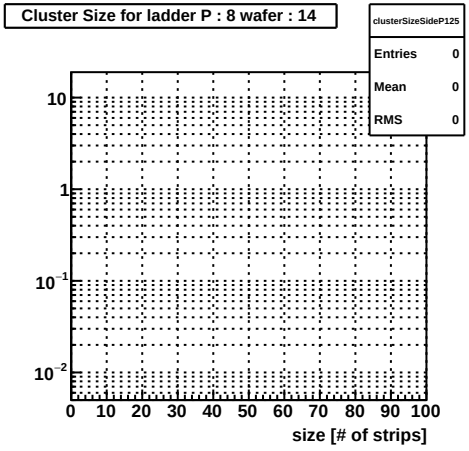

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 17
Mean 1.294
RMS 0.7487
size [# of strips]

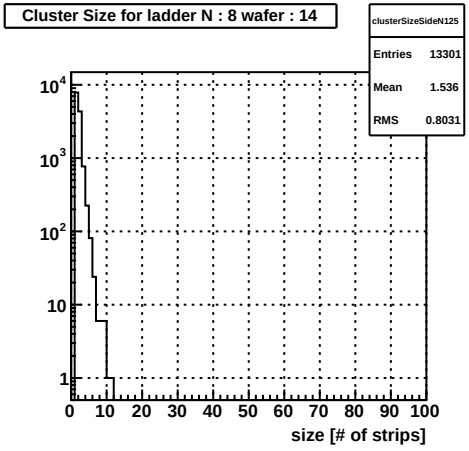

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 14387
Mean 1.532
RMS 0.7951
size [# of strips]

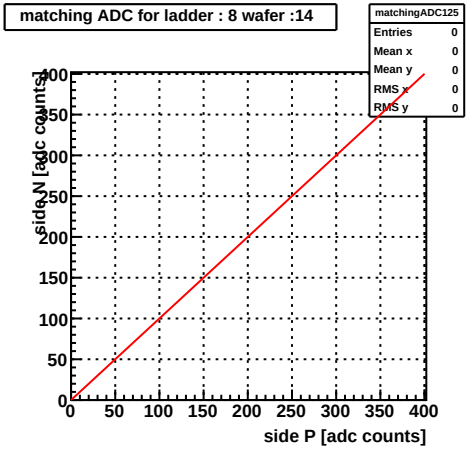

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

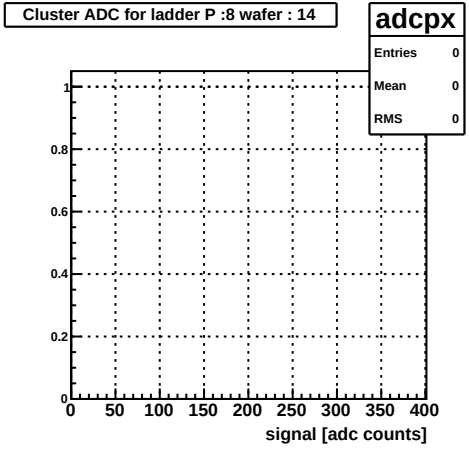

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 17
Mean 0
RMS 0
signal [adc counts]

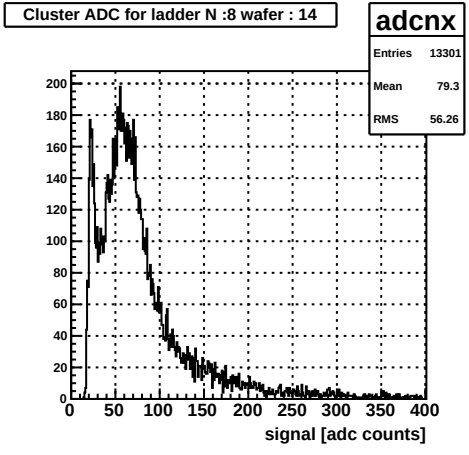

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 14387
Mean 75.77
RMS 56.09
signal [adc counts]

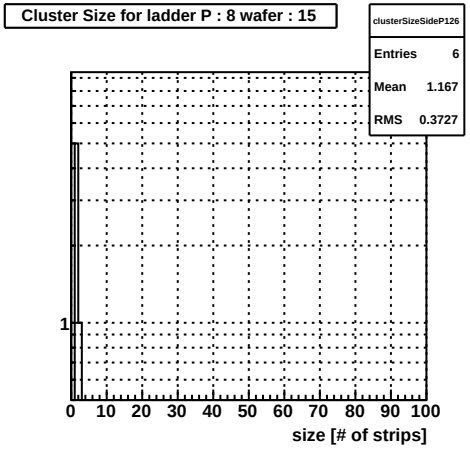

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

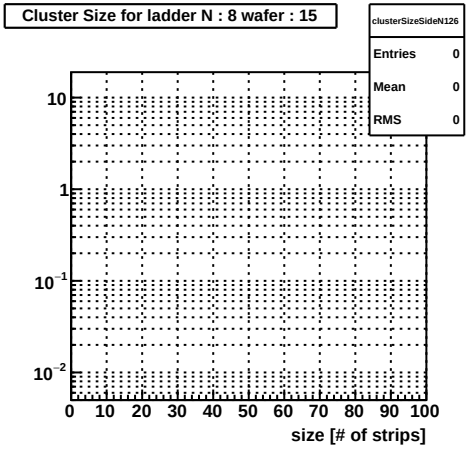

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 13301
Mean 1.536
RMS 0.8031
size [# of strips]

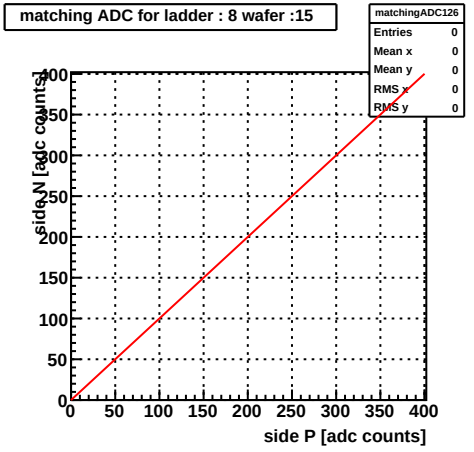

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

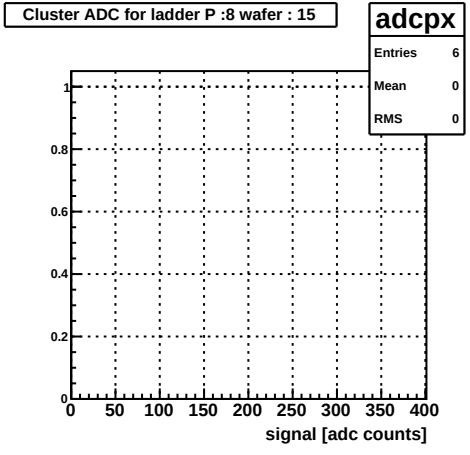

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

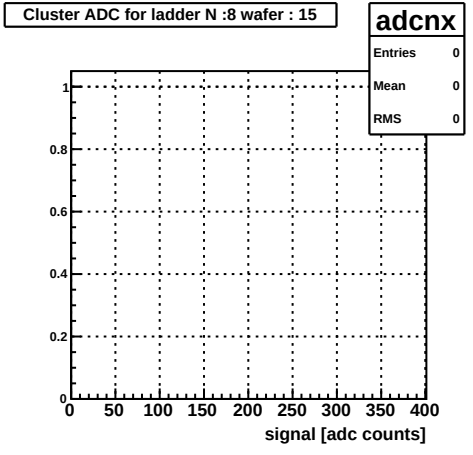

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 13301
Mean 79.3
RMS 56.26
signal [adc counts]

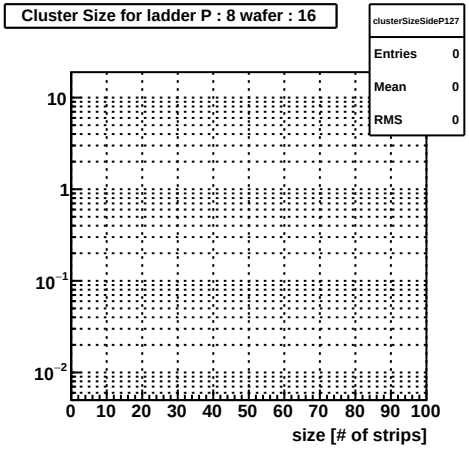

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

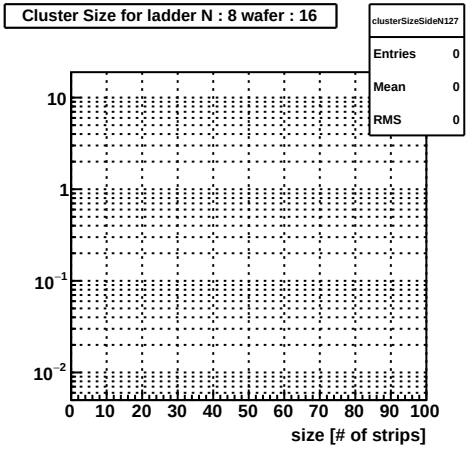

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

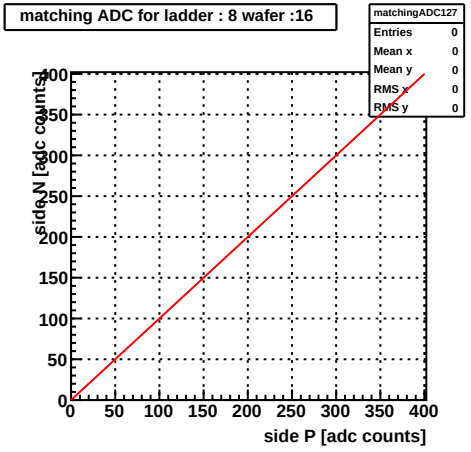

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

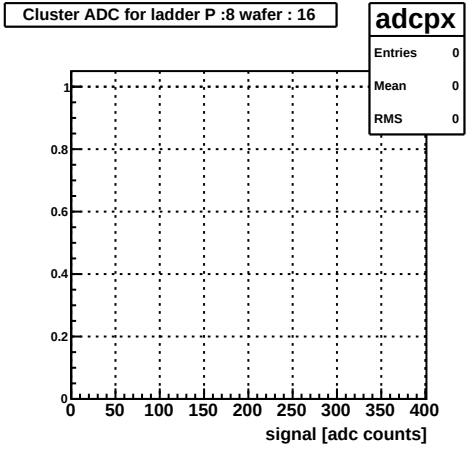

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

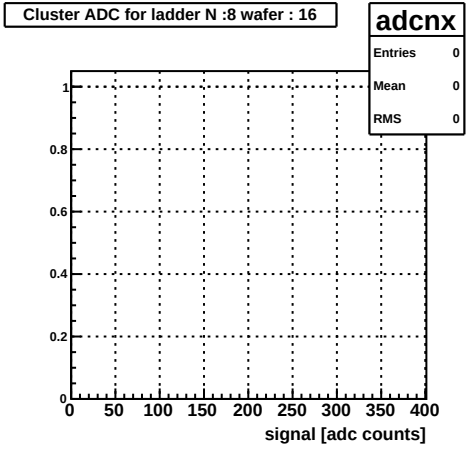

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

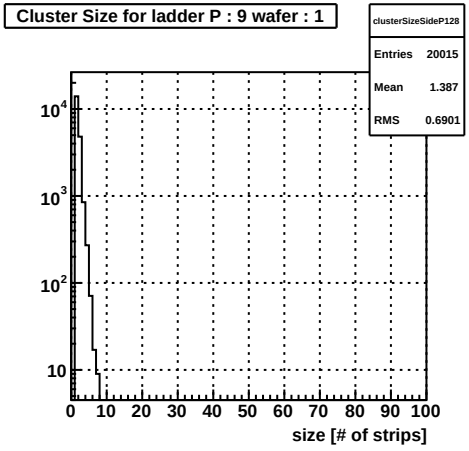

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

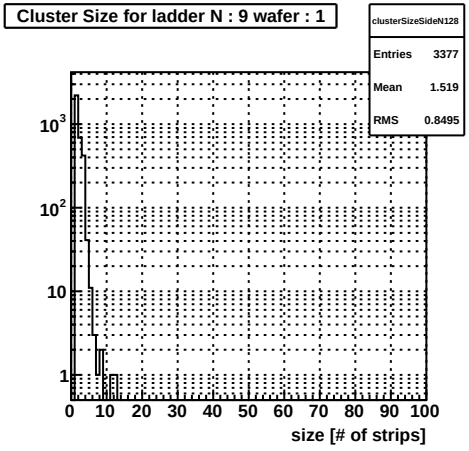

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

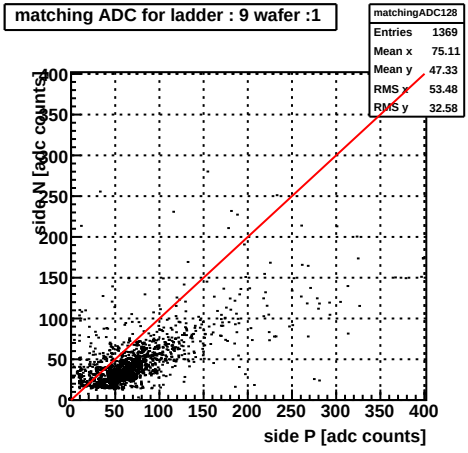

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

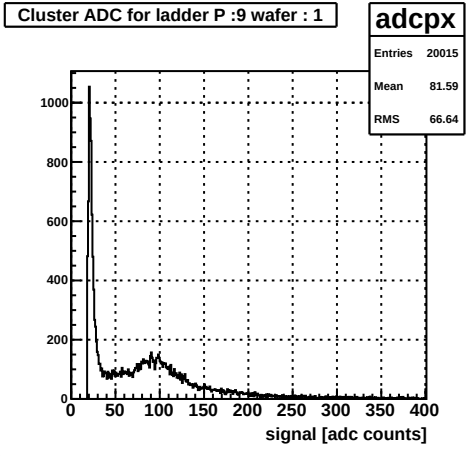

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

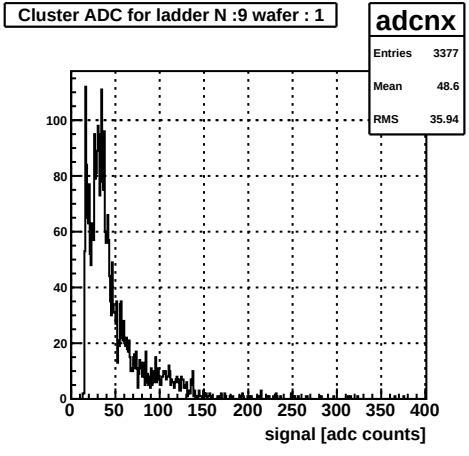

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

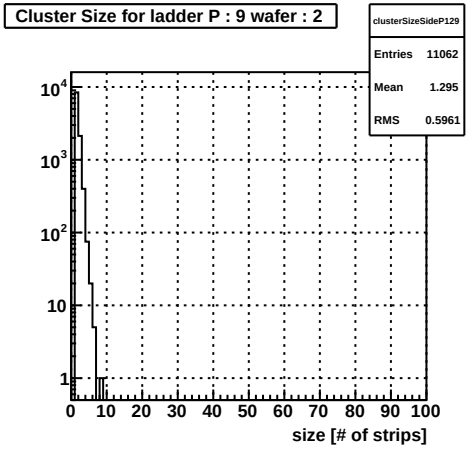

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 20015
Mean 1.387
RMS 0.6901
size [# of strips]

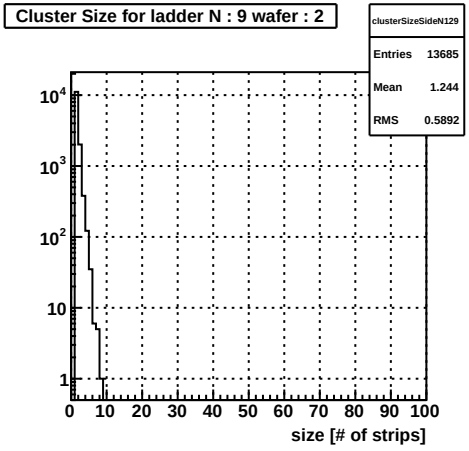

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3377
Mean 1.519
RMS 0.8495
size [# of strips]

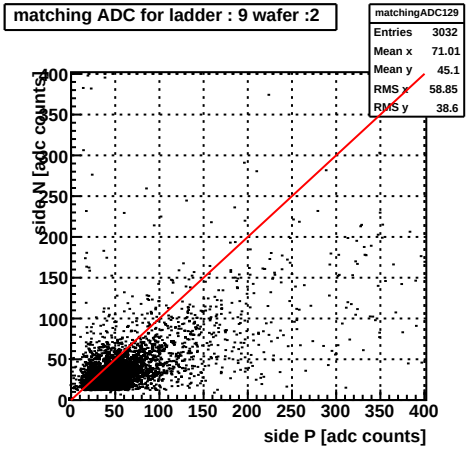

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1369
Mean x 75.11
Mean y 47.33
RMS x 53.48
RMS y 32.58
side N [adc counts]
side P [adc counts]

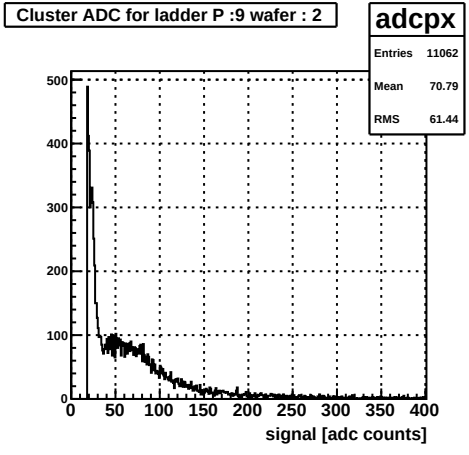

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 20015
Mean 81.59
RMS 66.64
signal [adc counts]

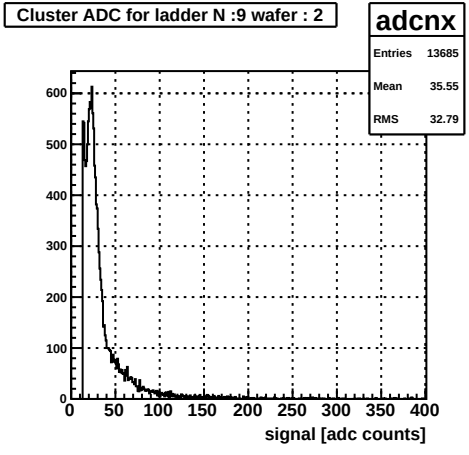

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3377
Mean 48.6
RMS 35.94
signal [adc counts]

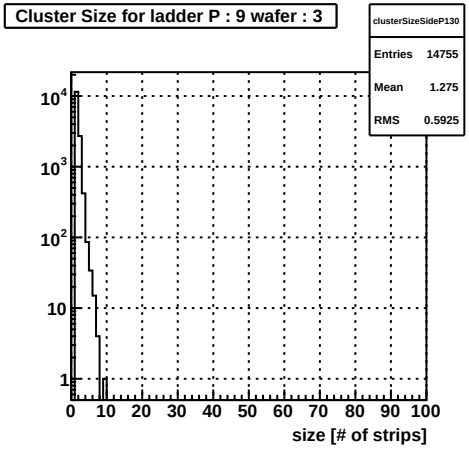

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 11062
Mean 1.295
RMS 0.5961
size [# of strips]

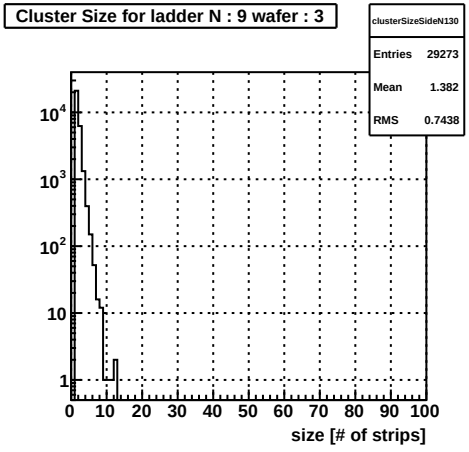

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 13685
Mean 1.244
RMS 0.5892
size [# of strips]

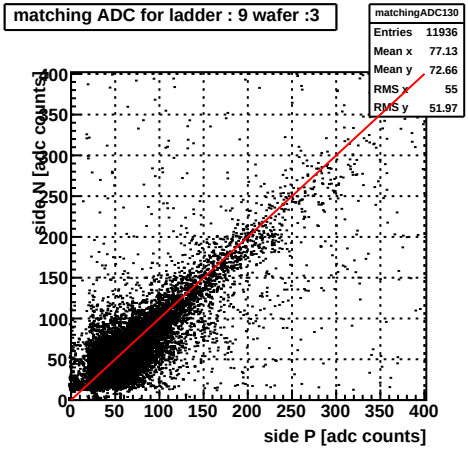

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3032
Mean x 71.01
Mean y 45.1
RMS x 58.85
RMS y 38.6
side N [adc counts]
side P [adc counts]

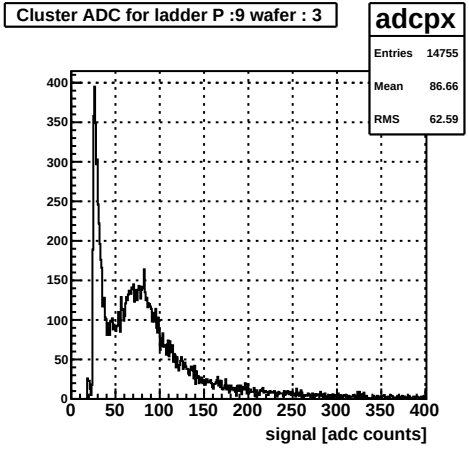

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 11062
Mean 70.79
RMS 61.44
signal [adc counts]

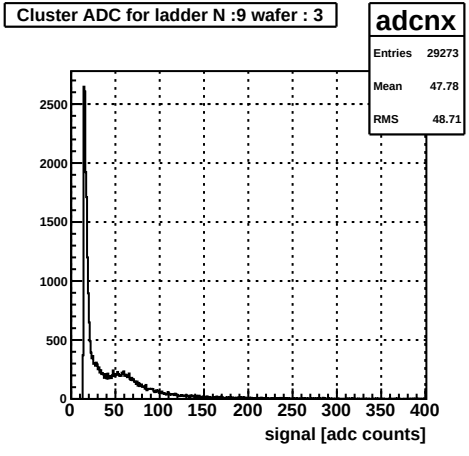

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 13685
Mean 35.55
RMS 32.79
signal [adc counts]

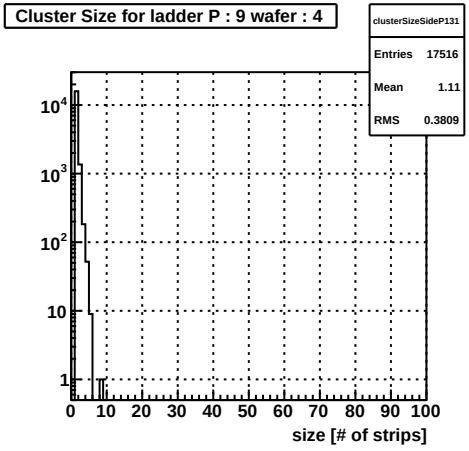

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 14755
Mean 1.275
RMS 0.5925
size [# of strips]

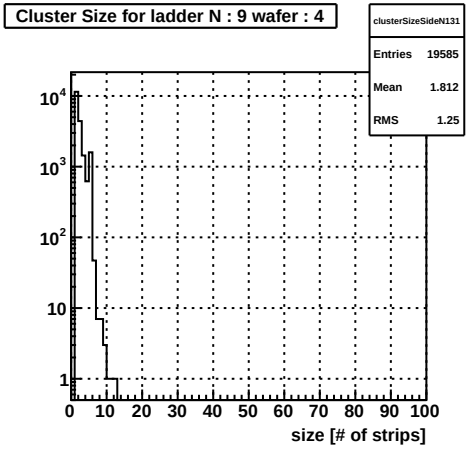

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 29273
Mean 1.382
RMS 0.7438
size [# of strips]

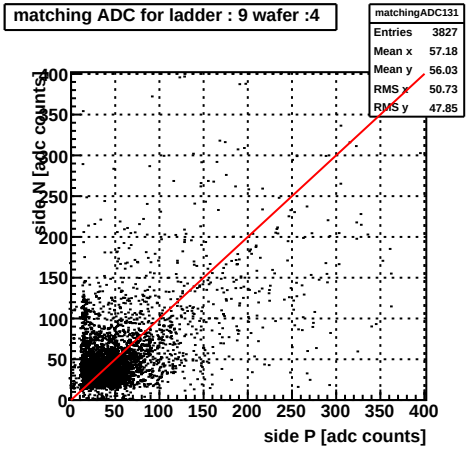

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 11936
Mean x 77.13
Mean y 72.66
RMS x 55
RMS y 51.97
side N [adc counts]
side P [adc counts]

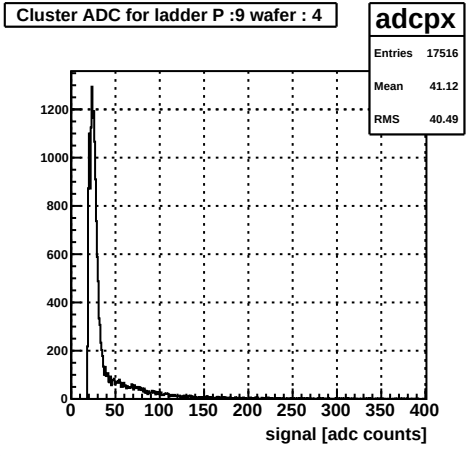

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 14755
Mean 86.66
RMS 62.59
signal [adc counts]

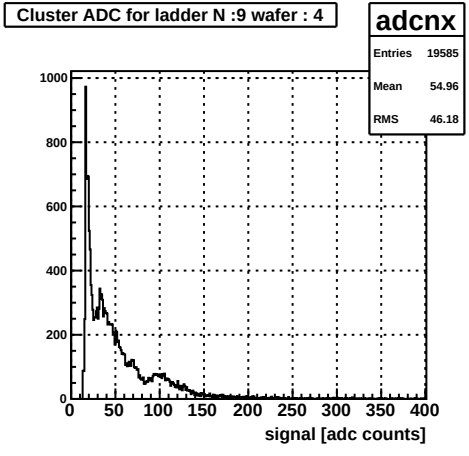

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 29273
Mean 47.78
RMS 48.71
signal [adc counts]

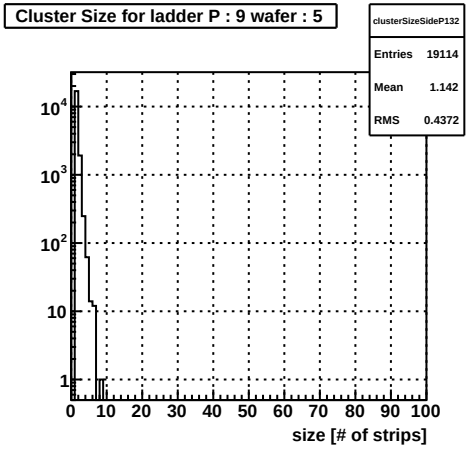

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17516
Mean 1.11
RMS 0.3809
size [# of strips]

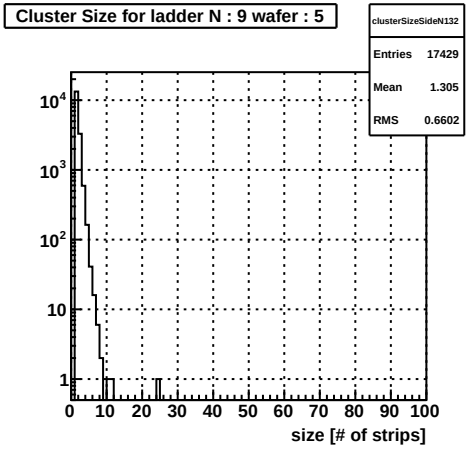

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 19585
Mean 1.812
RMS 1.25
size [# of strips]

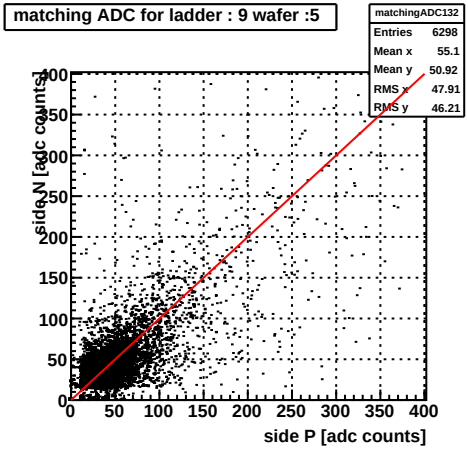

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3827
Mean x 57.18
Mean y 56.03
RMS x 50.73
RMS y 47.85
side N [adc counts]
side P [adc counts]

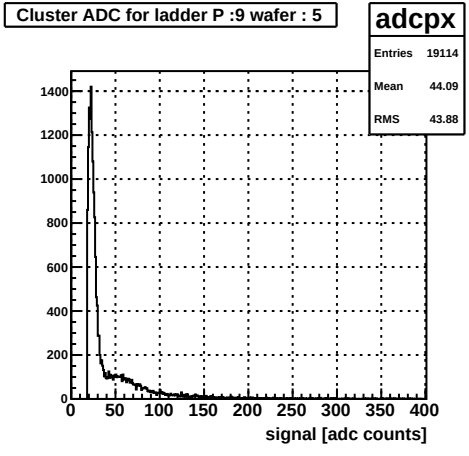

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17516
Mean 41.12
RMS 40.49
signal [adc counts]

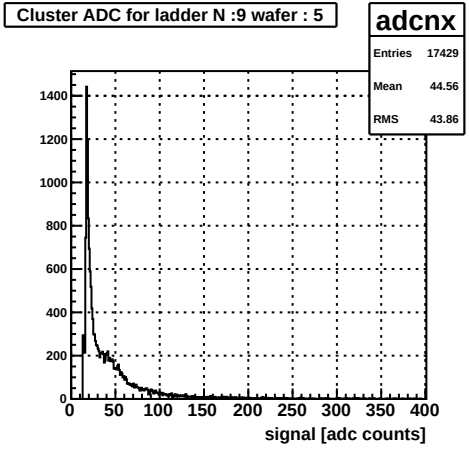

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 19585
Mean 54.96
RMS 46.18
signal [adc counts]

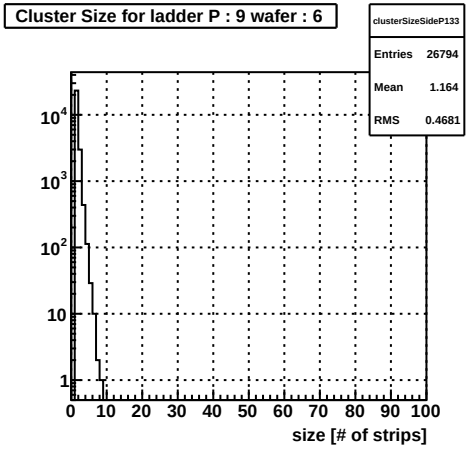

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 19114
Mean 1.142
RMS 0.4372
size [# of strips]

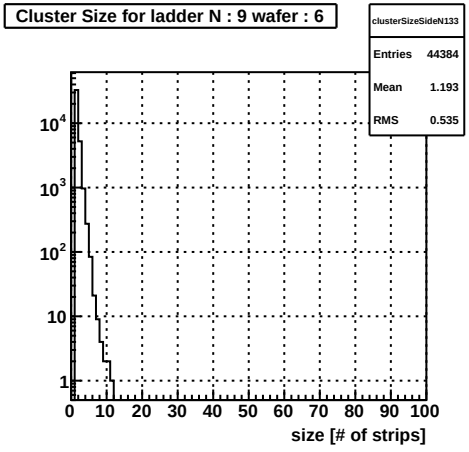

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 17429
Mean 1.305
RMS 0.6602
size [# of strips]

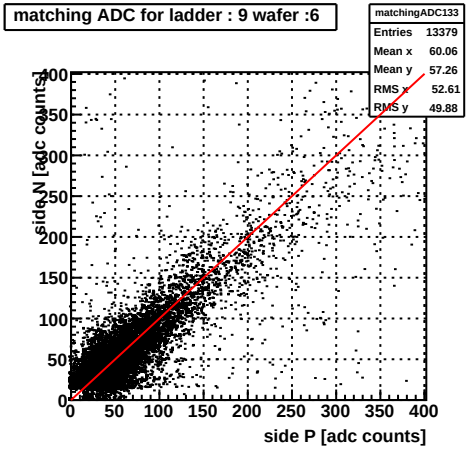

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 6298
Mean x 55.1
Mean y 50.92
RMS x 47.91
RMS y 46.21
side N [adc counts]
side P [adc counts]

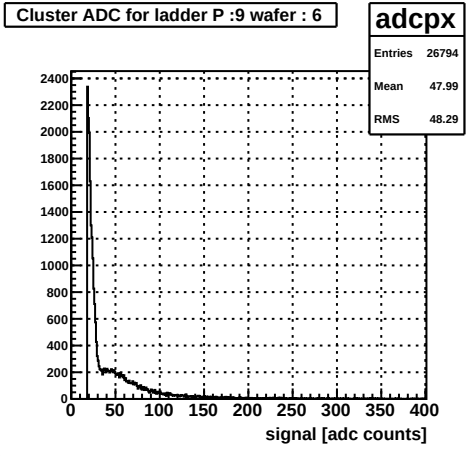

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 19114
Mean 44.09
RMS 43.88
signal [adc counts]

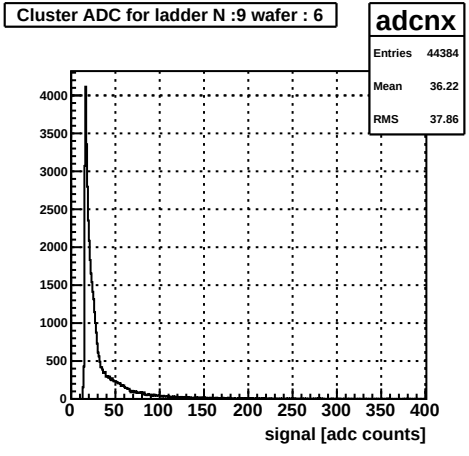

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 17429
Mean 44.56
RMS 43.86
signal [adc counts]

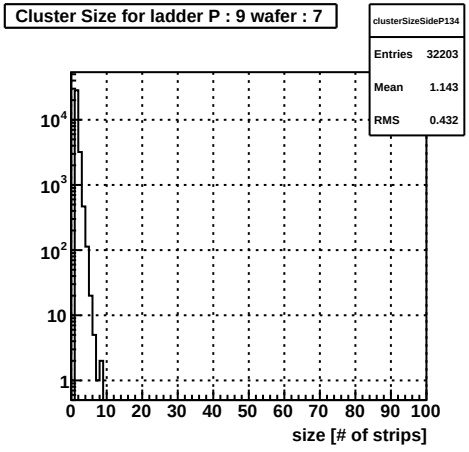

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 26794
Mean 1.164
RMS 0.4681
size [# of strips]

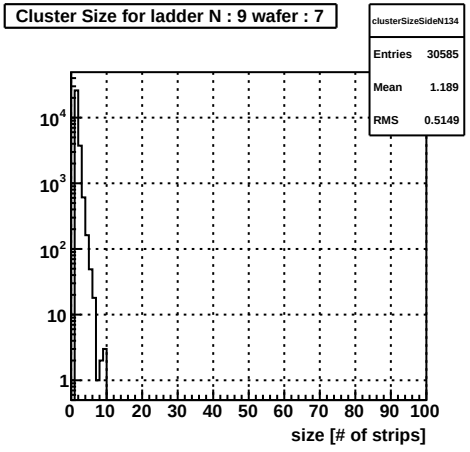

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 44384
Mean 1.193
RMS 0.535
size [# of strips]

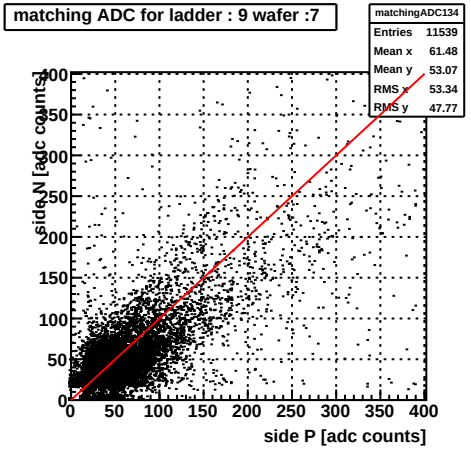

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 13379
Mean x 60.06
Mean y 57.26
RMS x 52.61
RMS y 49.88
side N [adc counts]
side P [adc counts]

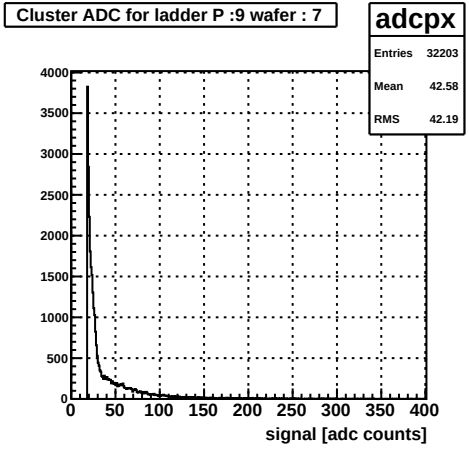

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 26794
Mean 47.99
RMS 48.29
signal [adc counts]

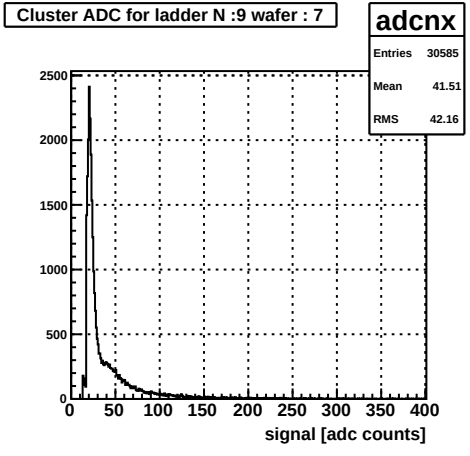

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 44384
Mean 36.22
RMS 37.86
signal [adc counts]

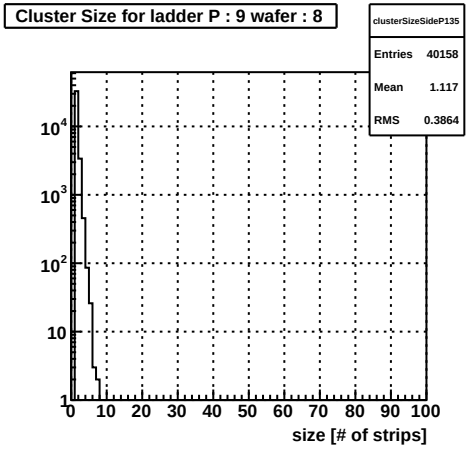

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 32203
Mean 1.143
RMS 0.432
size [# of strips]

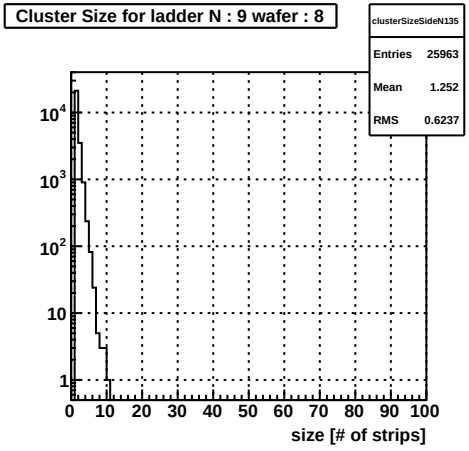

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 30585
Mean 1.189
RMS 0.5149
size [# of strips]

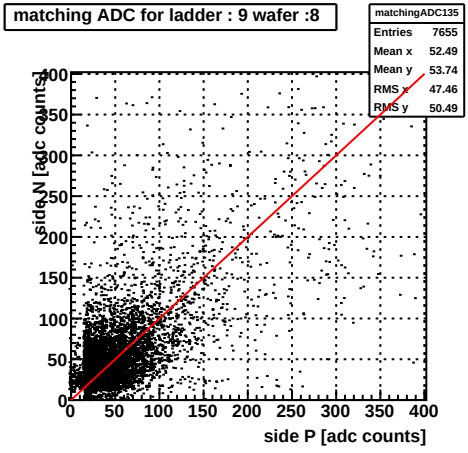

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 11539
Mean x 61.48
Mean y 53.07
RMS x 53.34
RMS y 47.77
side N [adc counts]
side P [adc counts]

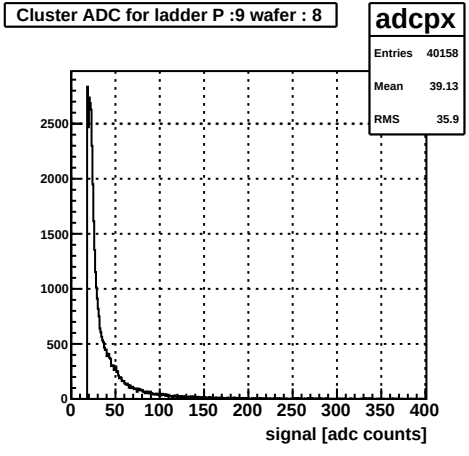

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 32203
Mean 42.58
RMS 42.19
signal [adc counts]

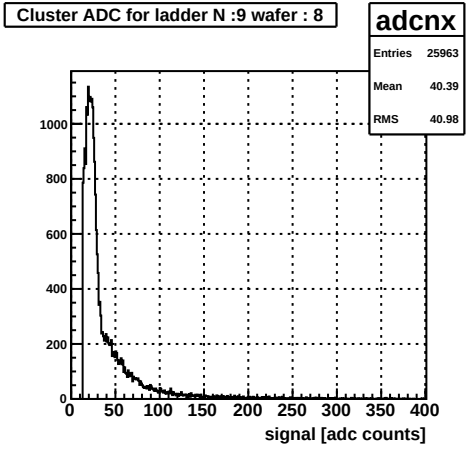

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 30585
Mean 41.51
RMS 42.16
signal [adc counts]

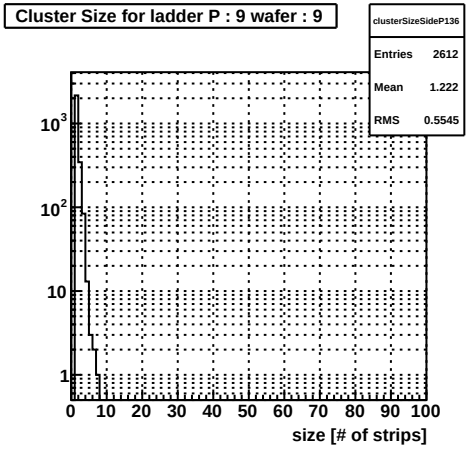

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 40158
Mean 1.117
RMS 0.3864
size [# of strips]

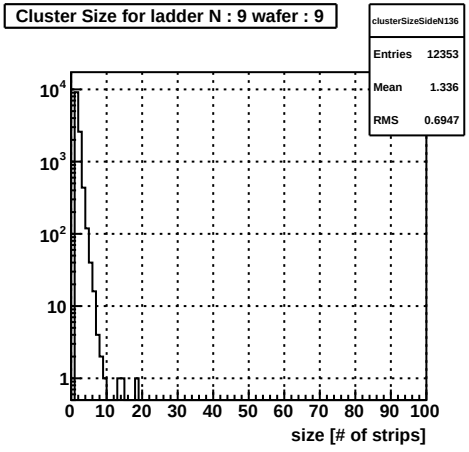

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 25963
Mean 1.252
RMS 0.6237
size [# of strips]

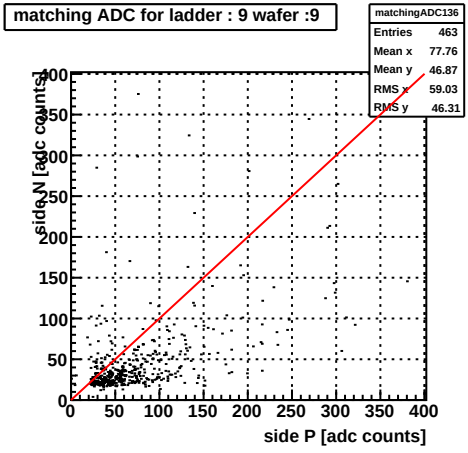

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 7655
Mean x 52.49
Mean y 53.74
RMS x 47.46
RMS y 50.49
side N [adc counts]
side P [adc counts]

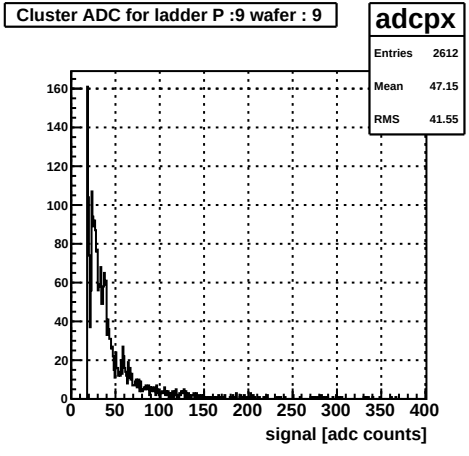

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 40158
Mean 39.13
RMS 35.9
signal [adc counts]

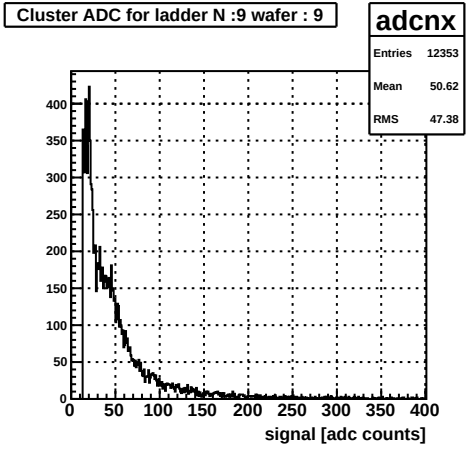

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 25963
Mean 40.39
RMS 40.98
signal [adc counts]

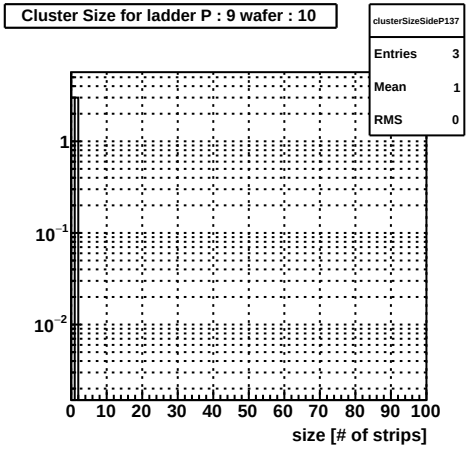

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2612
Mean 1.222
RMS 0.5545
size [# of strips]

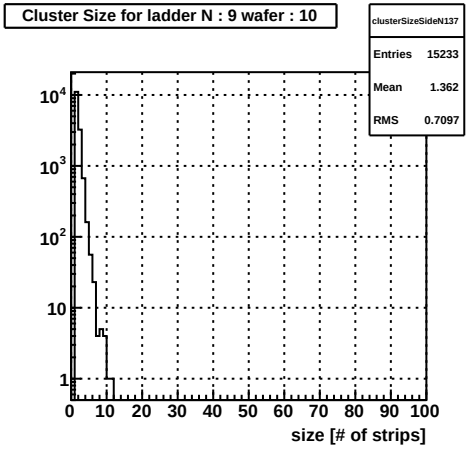

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 12353
Mean 1.336
RMS 0.6947
size [# of strips]

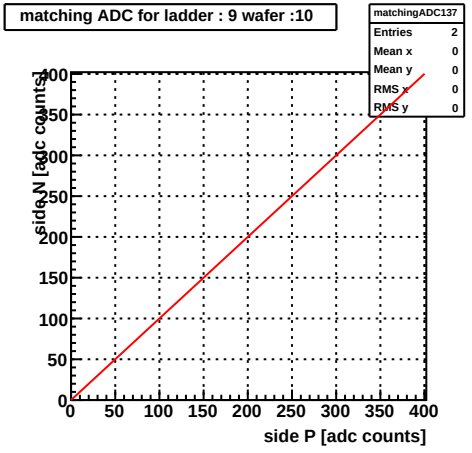

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 463
Mean x 77.76
Mean y 46.87
RMS x 59.03
RMS y 46.31
side N [adc counts]
side P [adc counts]

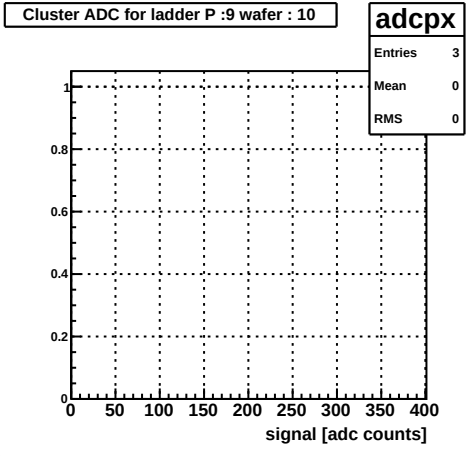

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2612
Mean 47.15
RMS 41.55
signal [adc counts]

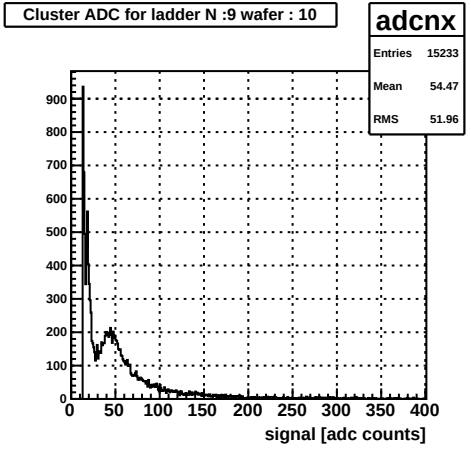

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 12353
Mean 50.62
RMS 47.38
signal [adc counts]

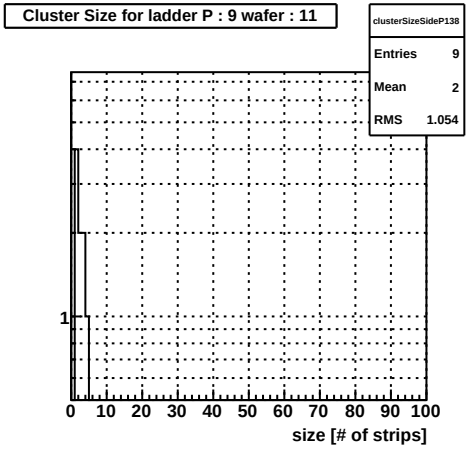

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 3
Mean 1
RMS 0
size [# of strips]

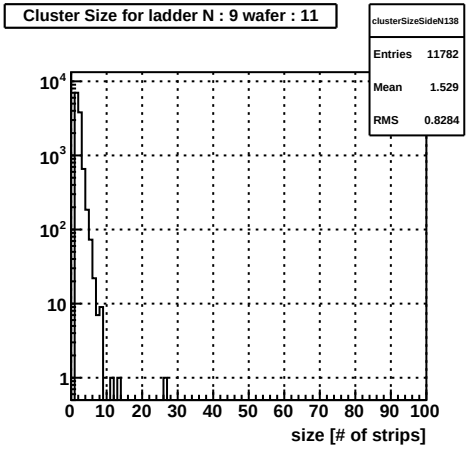

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 15233
Mean 1.362
RMS 0.7097
size [# of strips]

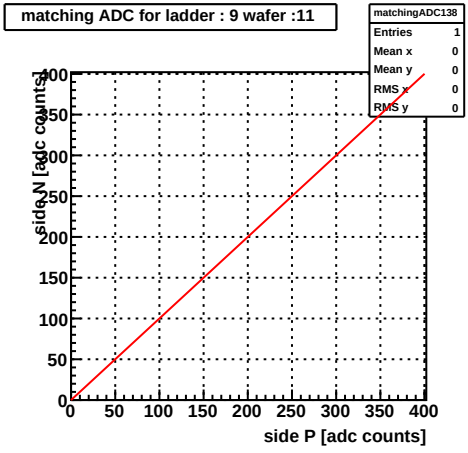

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

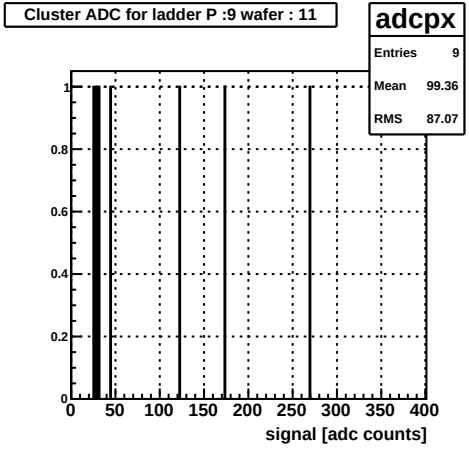

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

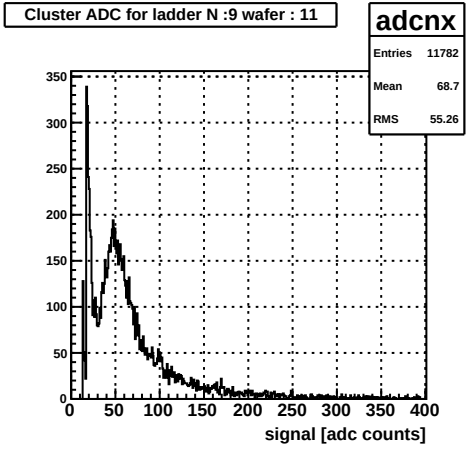

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 15233
Mean 54.47
RMS 51.96
signal [adc counts]

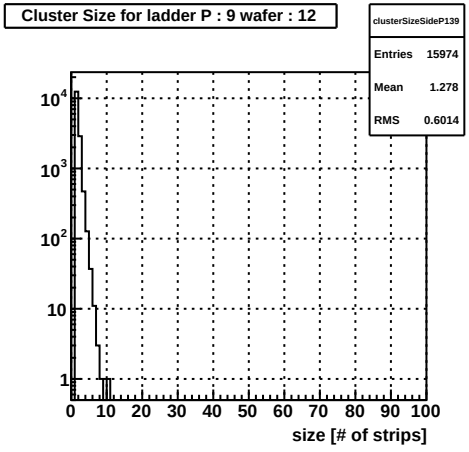

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 9
Mean 2
RMS 1.054
size [# of strips]

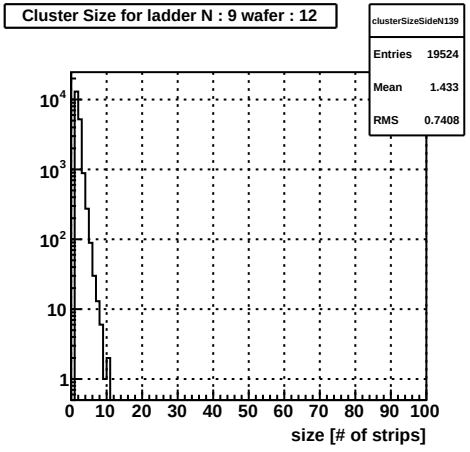

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11782
Mean 1.529
RMS 0.8284
size [# of strips]

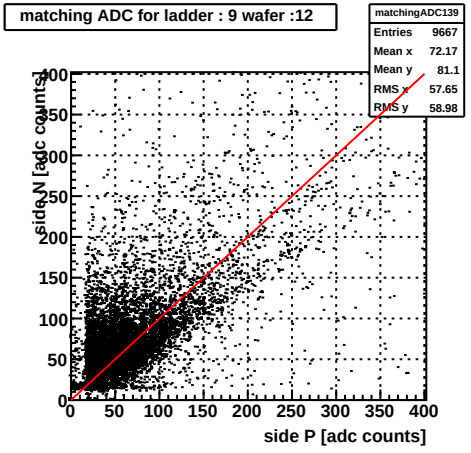

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

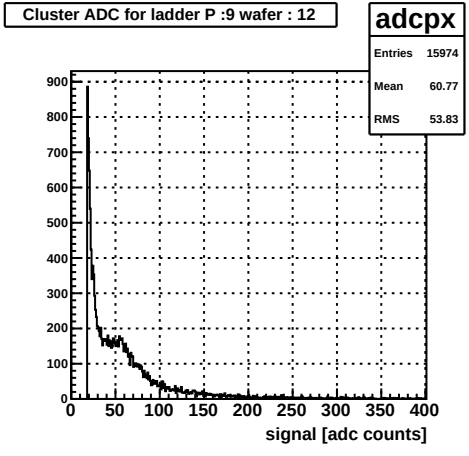

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 9
Mean 99.36
RMS 87.07
signal [adc counts]

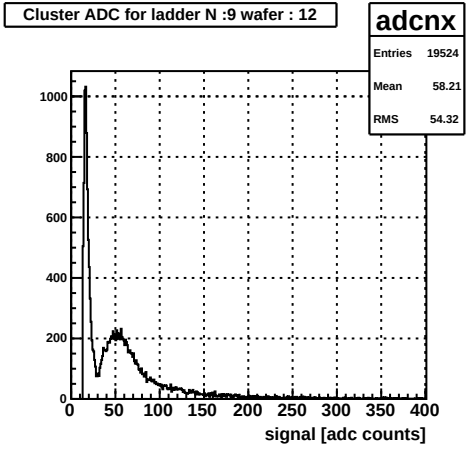

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11782
Mean 68.7
RMS 55.26
signal [adc counts]

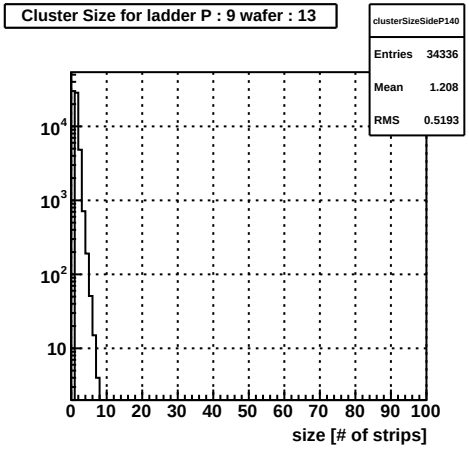

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 15974
Mean 1.278
RMS 0.6014
size [# of strips]

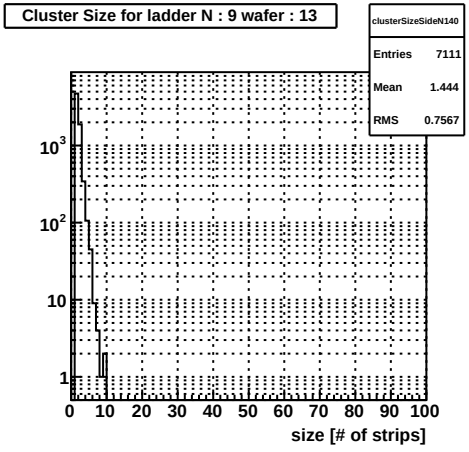

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 19524
Mean 1.433
RMS 0.7408
size [# of strips]

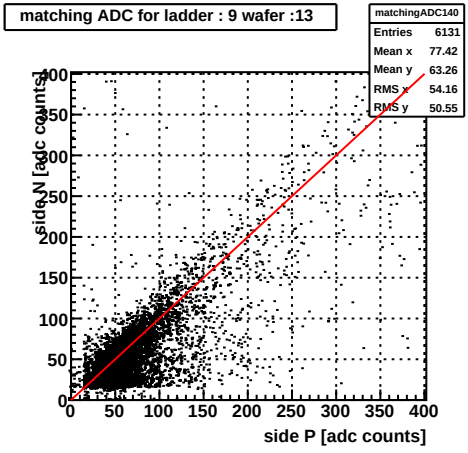

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9667
Mean x 72.17
Mean y 81.1
RMS x 57.65
RMS y 58.98
side N [adc counts]
side P [adc counts]

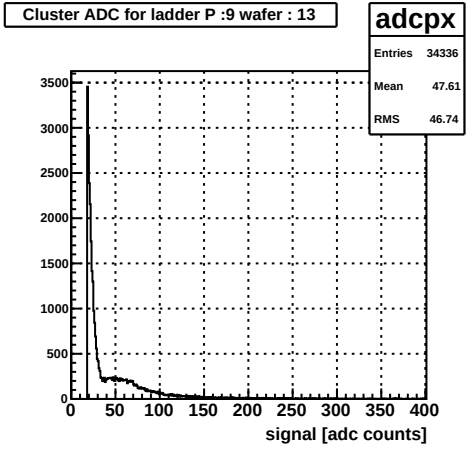

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 15974
Mean 60.77
RMS 53.83
signal [adc counts]

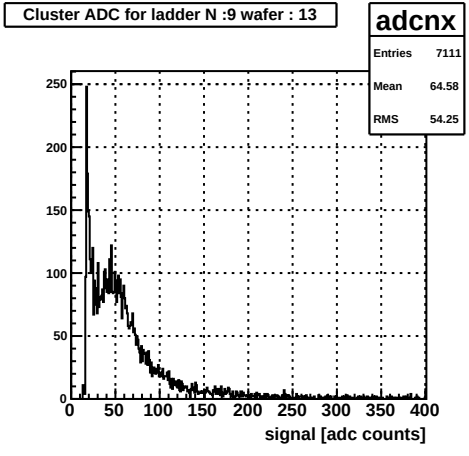

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 19524
Mean 58.21
RMS 54.32
signal [adc counts]

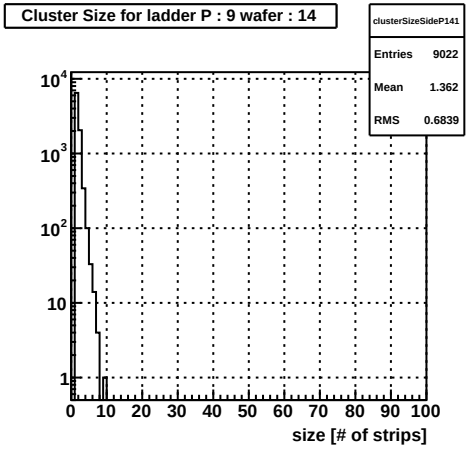

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 34336
Mean 1.208
RMS 0.5193
size [# of strips]

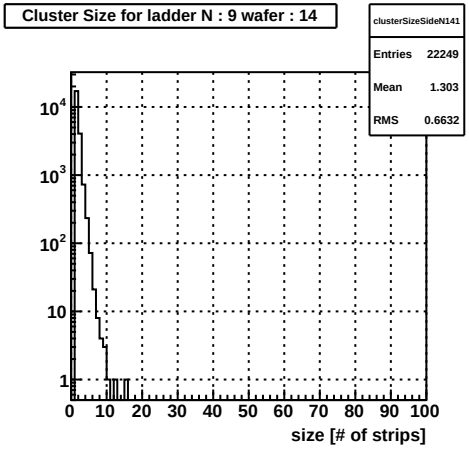

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 7111
Mean 1.444
RMS 0.7567
size [# of strips]

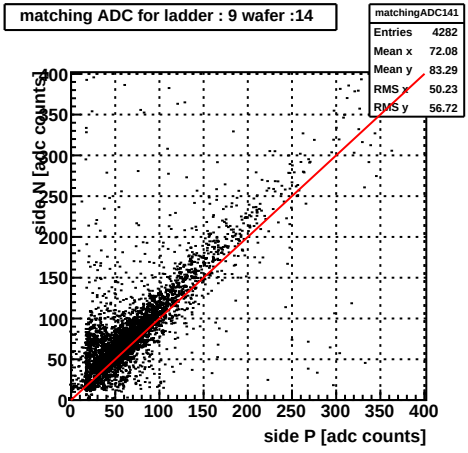

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 6131
Mean x 77.42
Mean y 63.26
RMS x 54.16
RMS y 50.55
side N [adc counts]
side P [adc counts]

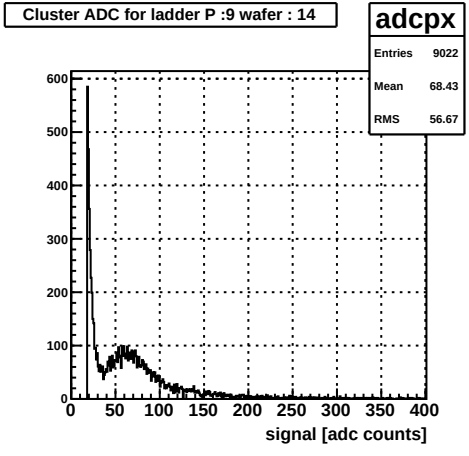

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 34336
Mean 47.61
RMS 46.74
signal [adc counts]

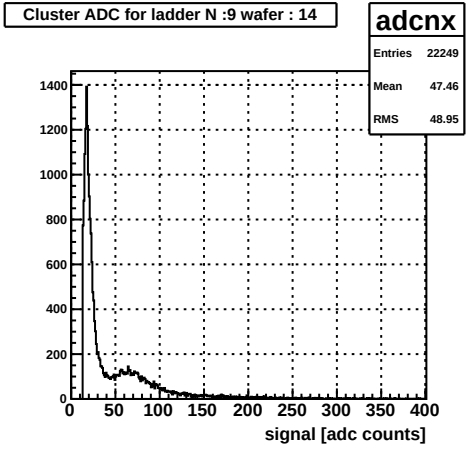

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 7111
Mean 64.58
RMS 54.25
signal [adc counts]

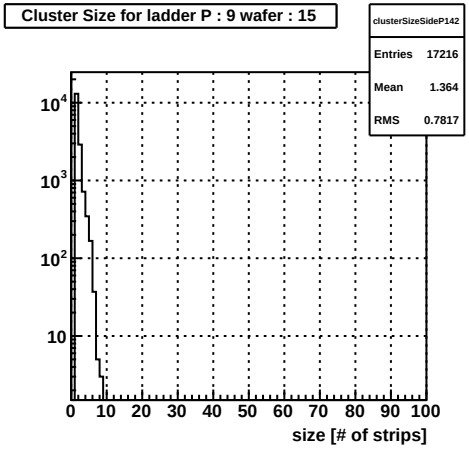

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 9022
Mean 1.362
RMS 0.6839
size [# of strips]

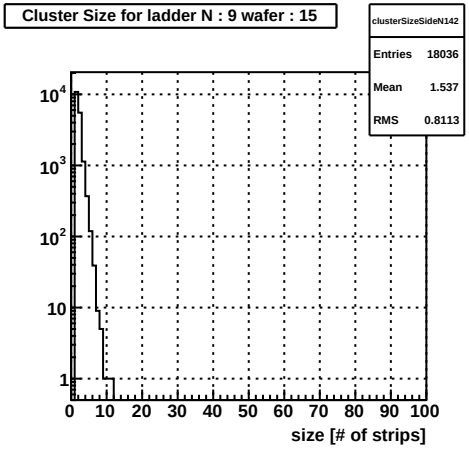

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 22249
Mean 1.303
RMS 0.6632
size [# of strips]

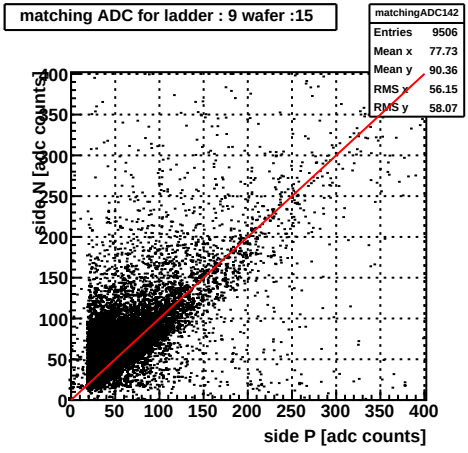

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4282
Mean x 72.08
Mean y 83.29
RMS x 50.23
RMS y 56.72
side N [adc counts]
side P [adc counts]

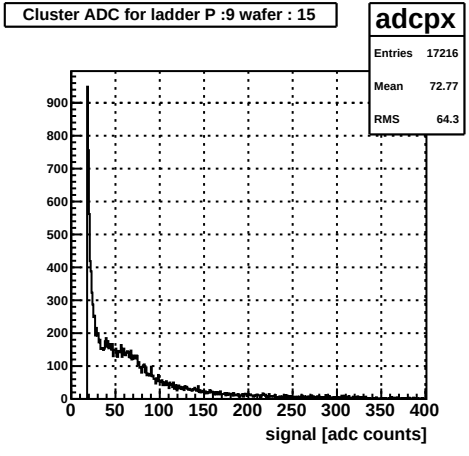

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 9022
Mean 68.43
RMS 56.67
signal [adc counts]

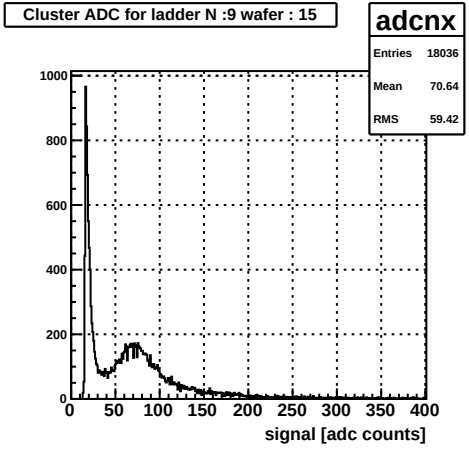

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 22249
Mean 47.46
RMS 48.95
signal [adc counts]

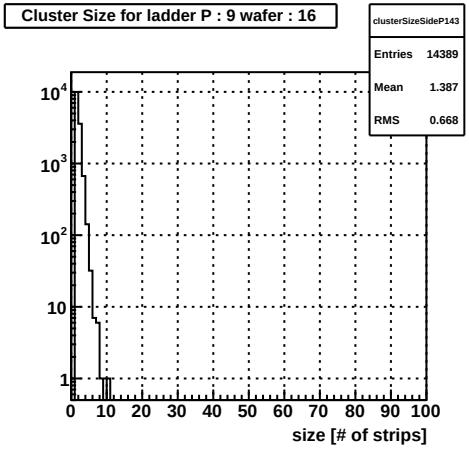

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 17216
Mean 1.364
RMS 0.7817
size [# of strips]

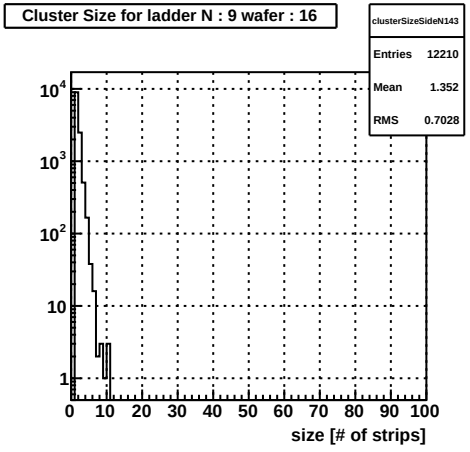

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 18036
Mean 1.537
RMS 0.8113
size [# of strips]

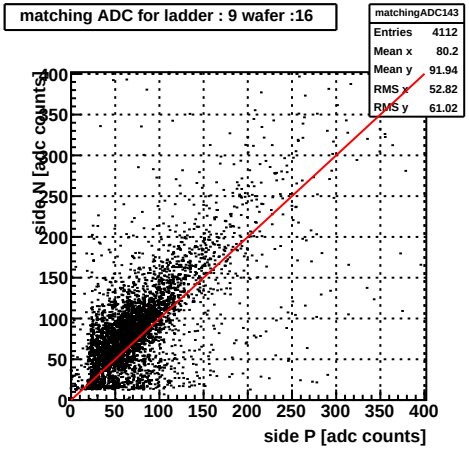

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 9506
Mean x 77.73
Mean y 90.36
RMS x 56.15
RMS y 58.07
side N [adc counts]
side P [adc counts]

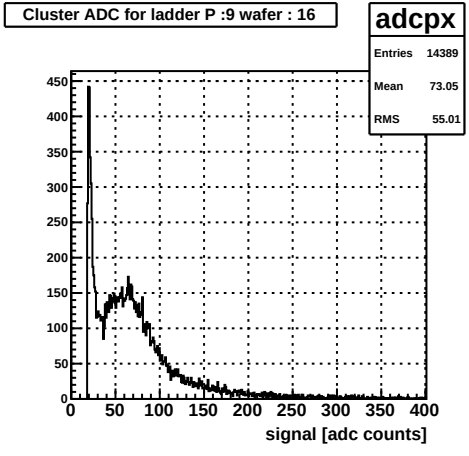

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 17216
Mean 72.77
RMS 64.3
signal [adc counts]

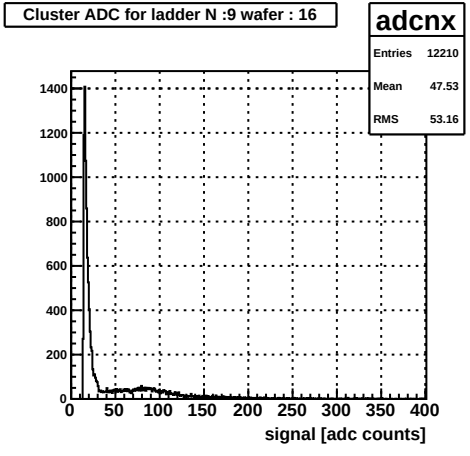

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 18036
Mean 70.64
RMS 59.42
signal [adc counts]

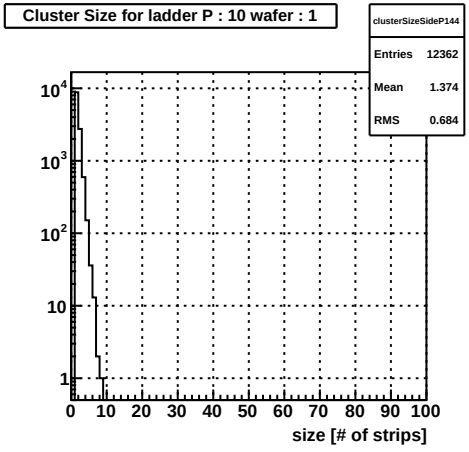

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 14389
Mean 1.387
RMS 0.668
size [# of strips]

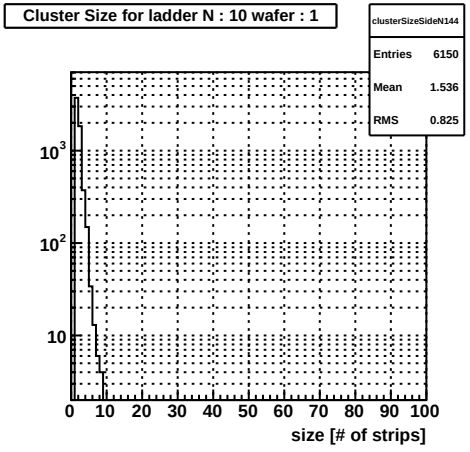

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 12210
Mean 1.352
RMS 0.7028
size [# of strips]

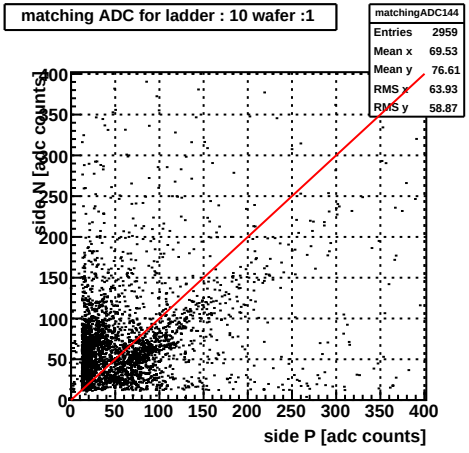

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 4112
Mean x 80.2
Mean y 91.94
RMS x 52.82
RMS y 61.02
side N [adc counts]
side P [adc counts]

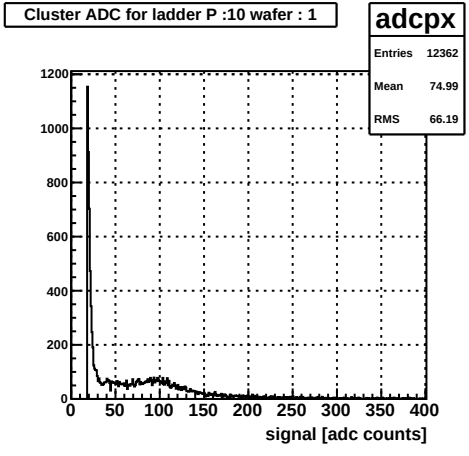

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 14389
Mean 73.05
RMS 55.01
signal [adc counts]

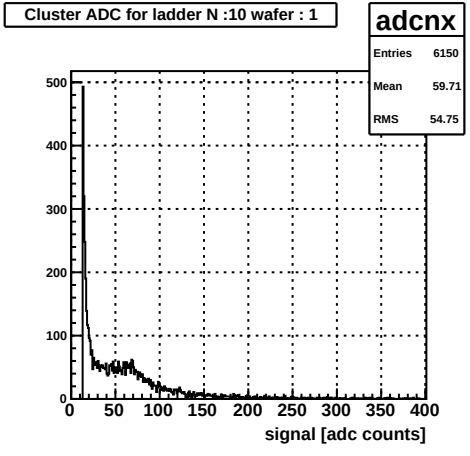

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 12210
Mean 47.53
RMS 53.16
signal [adc counts]

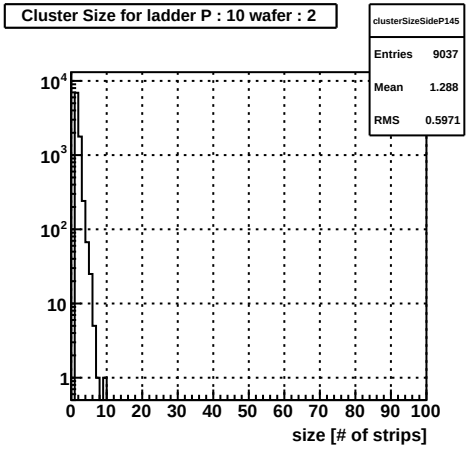

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 12362
Mean 1.374
RMS 0.684
size [# of strips]

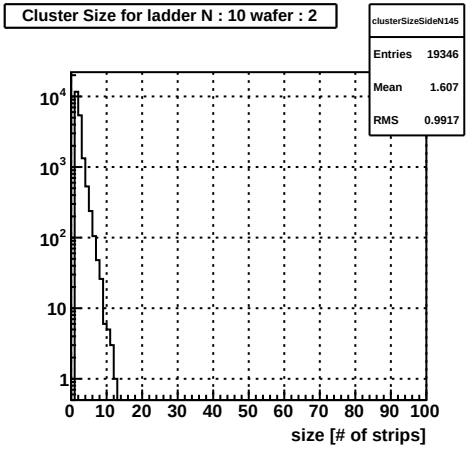

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 6150
Mean 1.536
RMS 0.825
size [# of strips]

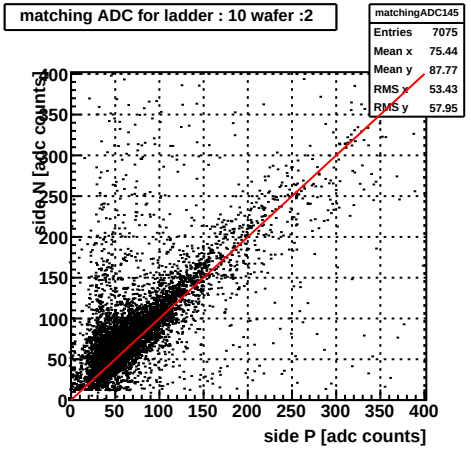

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2959
Mean x 69.53
Mean y 76.61
RMS x 63.93
RMS y 58.87
side N [adc counts]
side P [adc counts]

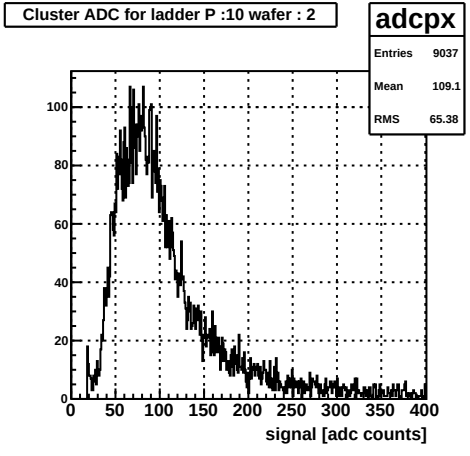

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 12362
Mean 74.99
RMS 66.19
signal [adc counts]

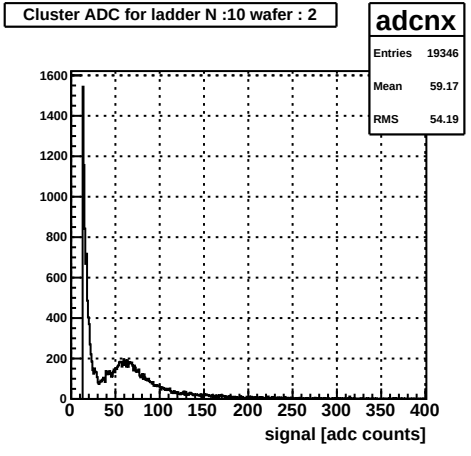

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 6150
Mean 59.71
RMS 54.75
signal [adc counts]

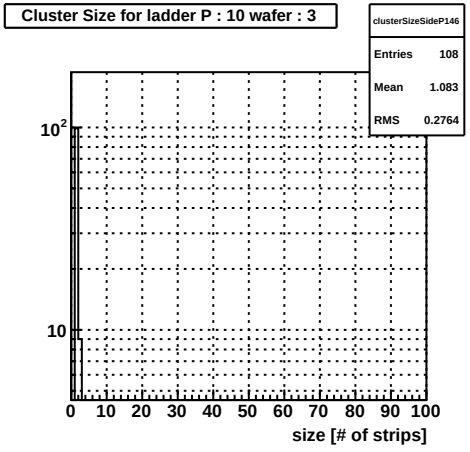

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 9037
Mean 1.288
RMS 0.5971
size [# of strips]

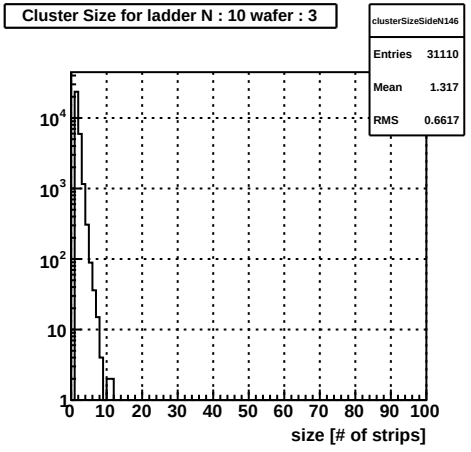

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 19346
Mean 1.607
RMS 0.9917
size [# of strips]

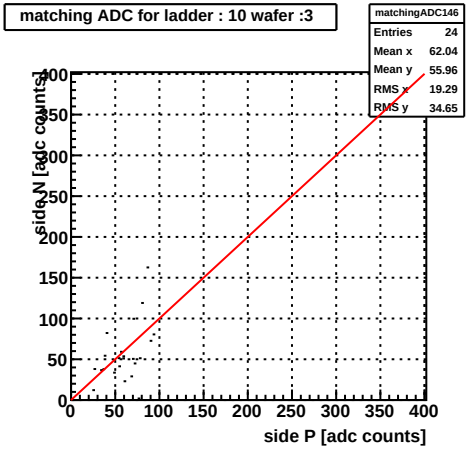

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 7075
Mean x 75.44
Mean y 87.77
RMS x 53.43
RMS y 57.95
side N [adc counts]
side P [adc counts]

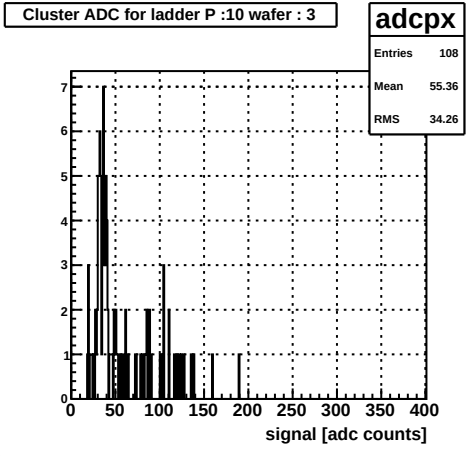

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 9037
Mean 109.1
RMS 65.38
signal [adc counts]

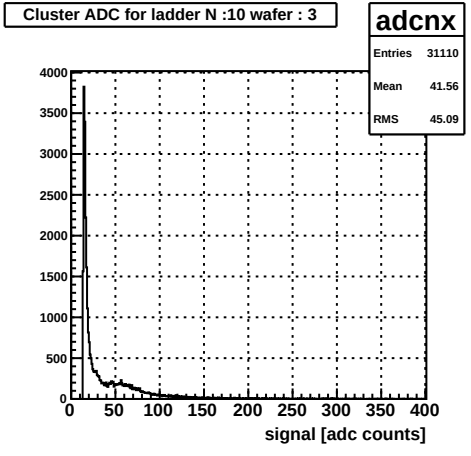

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 19346
Mean 59.17
RMS 54.19
signal [adc counts]

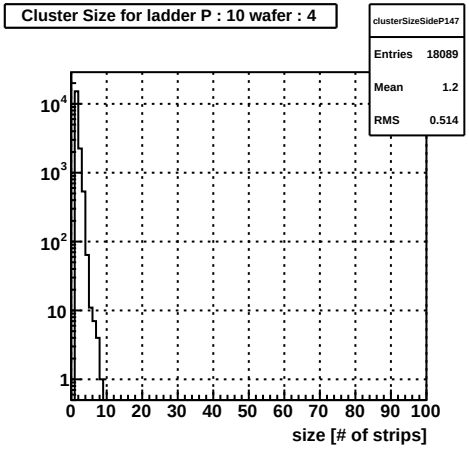

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 108
Mean 1.083
RMS 0.2764
size [# of strips]

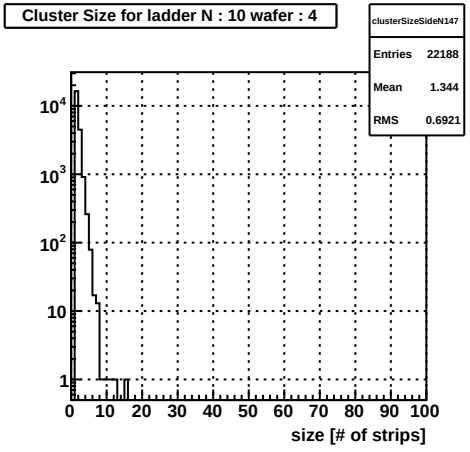

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 31110
Mean 1.317
RMS 0.6617
size [# of strips]

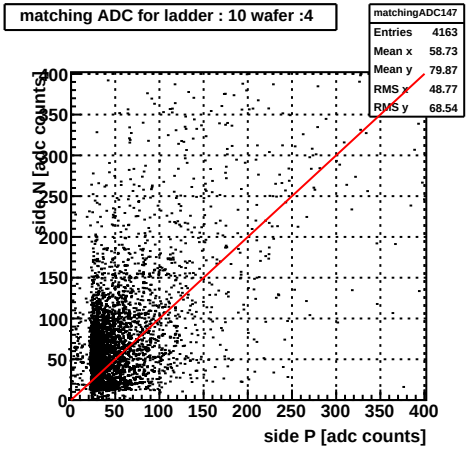

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 24
Mean x 62.04
Mean y 55.96
RMS x 19.29
RMS y 34.65
side N [adc counts]
side P [adc counts]

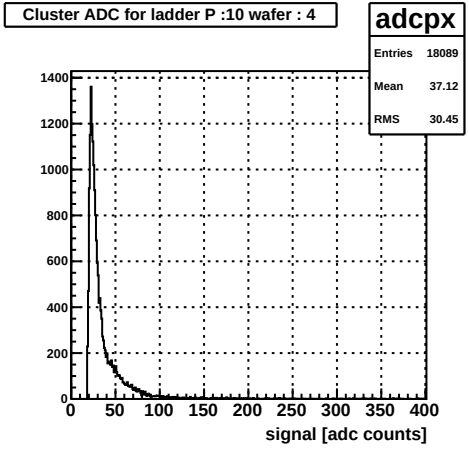

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 108
Mean 55.36
RMS 34.26
signal [adc counts]

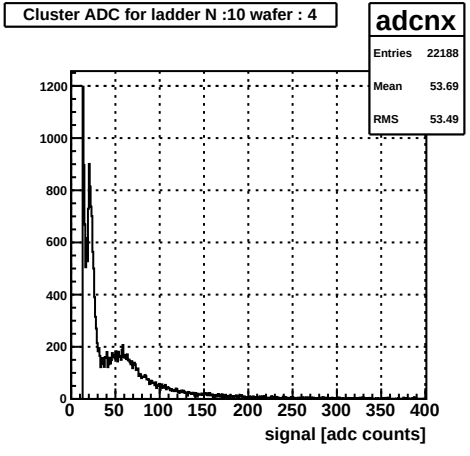

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 31110
Mean 41.56
RMS 45.09
signal [adc counts]

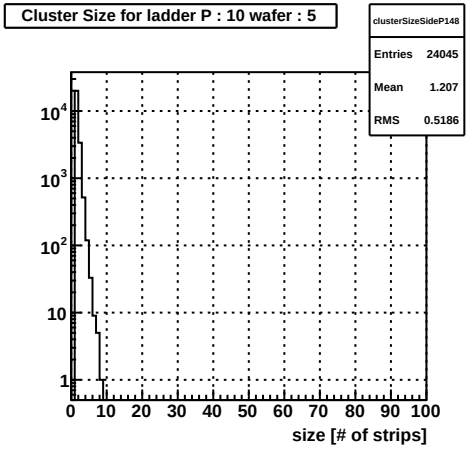

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18089
Mean 1.2
RMS 0.514
size [# of strips]

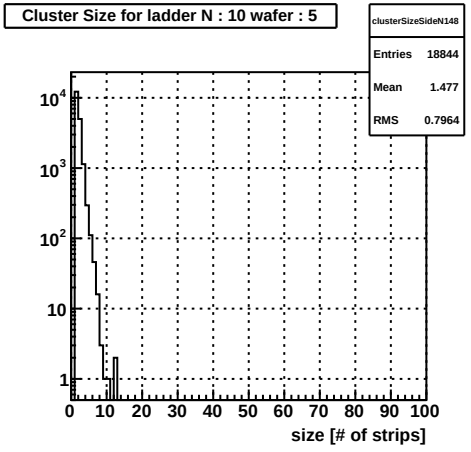

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 22188
Mean 1.344
RMS 0.6921
size [# of strips]

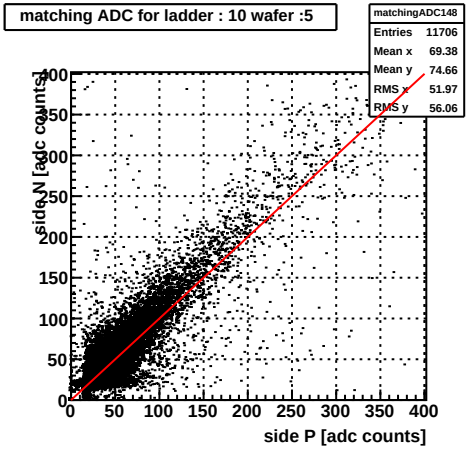

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4163
Mean x 58.73
Mean y 79.87
RMS x 48.77
RMS y 68.54
side N [adc counts]
side P [adc counts]

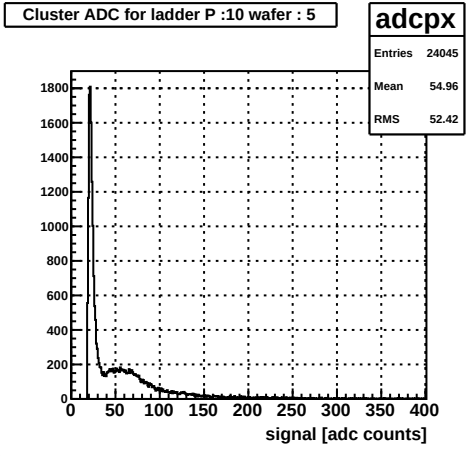

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18089
Mean 37.12
RMS 30.45
signal [adc counts]

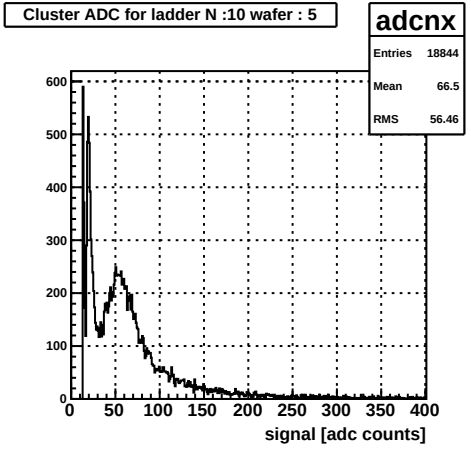

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 22188
Mean 53.69
RMS 53.49
signal [adc counts]

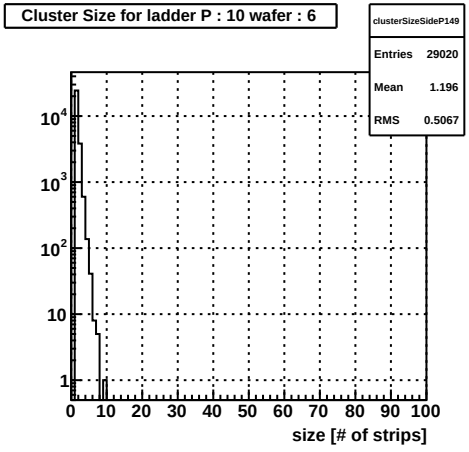

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 24045
Mean 1.207
RMS 0.5186
size [# of strips]

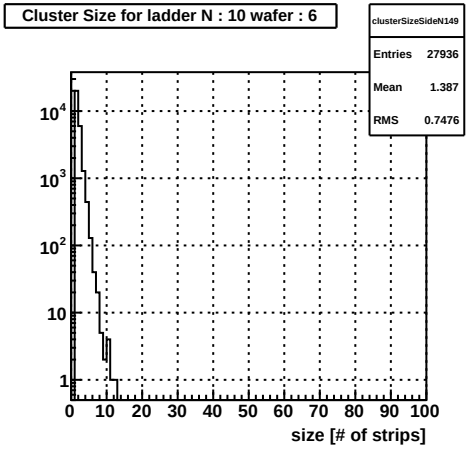

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 18844
Mean 1.477
RMS 0.7964
size [# of strips]

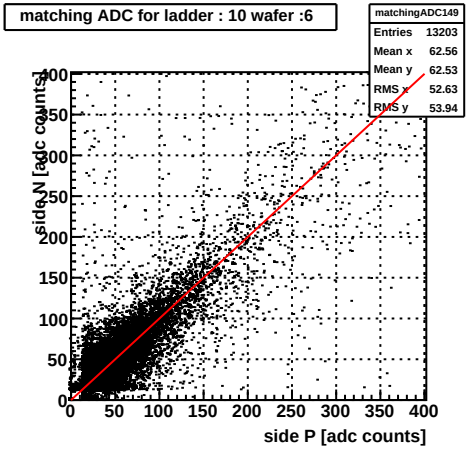

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 11706
Mean x 69.38
Mean y 74.66
RMS x 51.97
RMS y 56.06
side N [adc counts]
side P [adc counts]

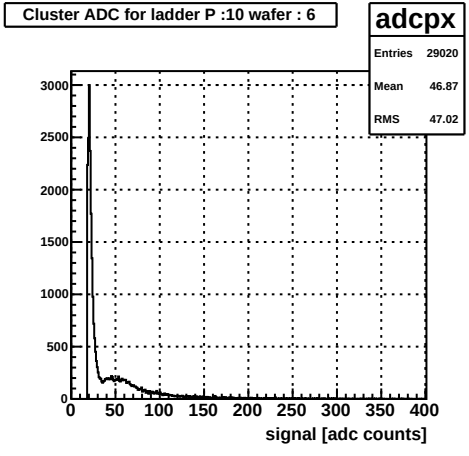

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 24045
Mean 54.96
RMS 52.42
signal [adc counts]

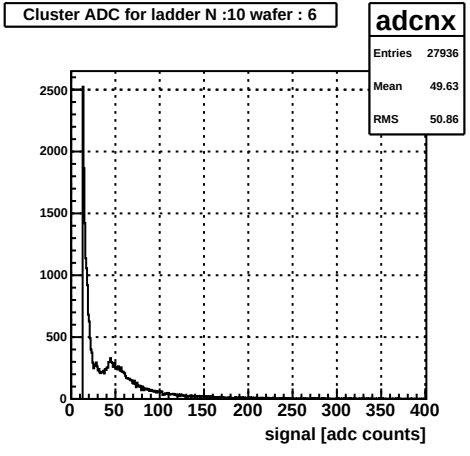

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 18844
Mean 66.5
RMS 56.46
signal [adc counts]

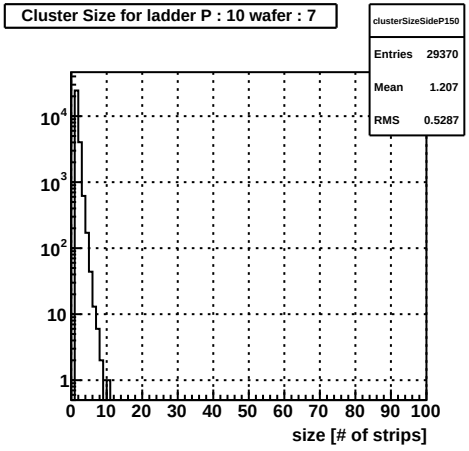

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 29020
Mean 1.196
RMS 0.5067
size [# of strips]

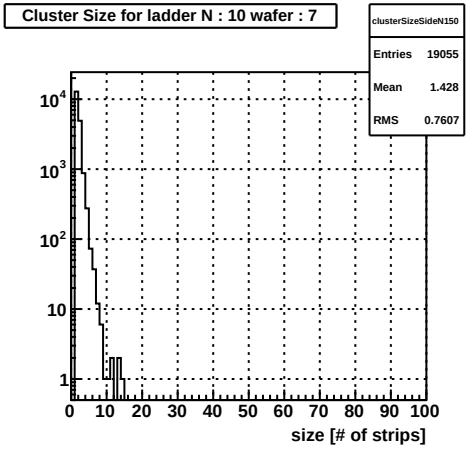

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 27936
Mean 1.387
RMS 0.7476
size [# of strips]

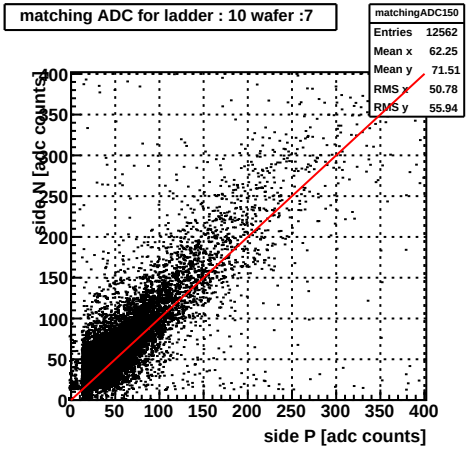

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 13203
Mean x 62.56
Mean y 62.53
RMS x 52.63
RMS y 53.94
side N [adc counts]
side P [adc counts]

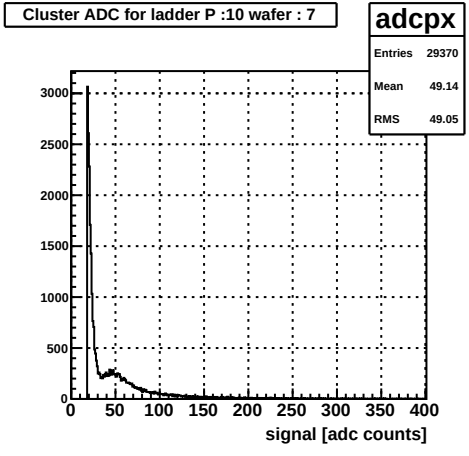

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 29020
Mean 46.87
RMS 47.02
signal [adc counts]

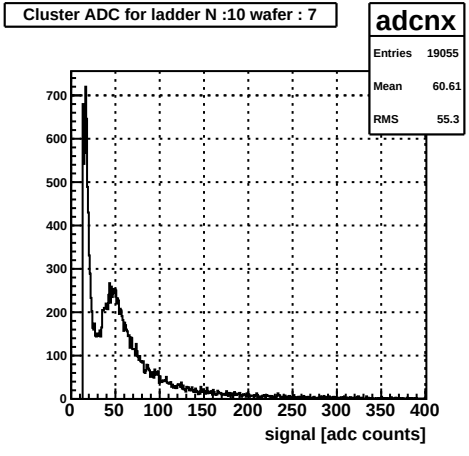

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 27936
Mean 49.63
RMS 50.86
signal [adc counts]

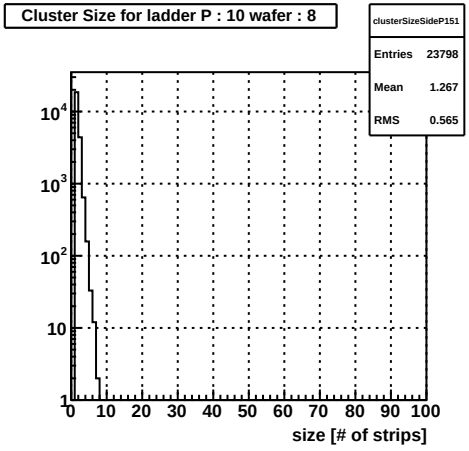

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 29370
Mean 1.207
RMS 0.5287
size [# of strips]

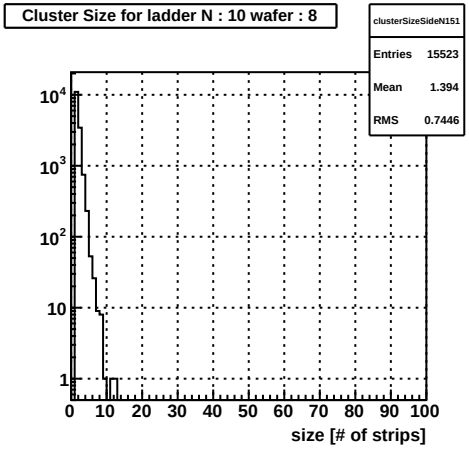

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 19055
Mean 1.428
RMS 0.7607
size [# of strips]

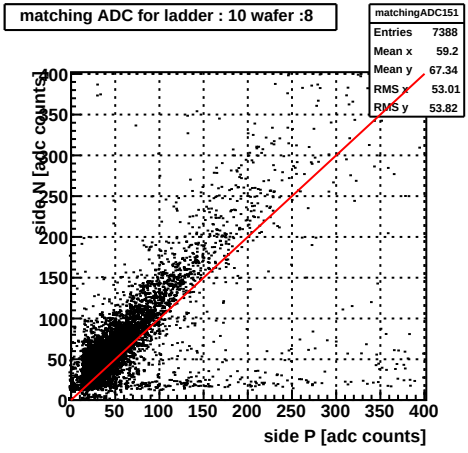

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 12562
Mean x 62.25
Mean y 71.51
RMS x 50.78
RMS y 55.94
side N [adc counts]
side P [adc counts]

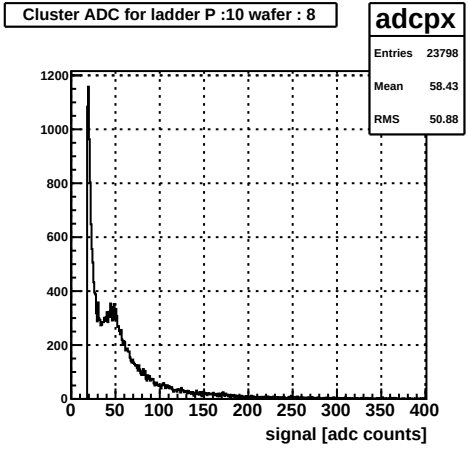

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 29370
Mean 49.14
RMS 49.05
signal [adc counts]

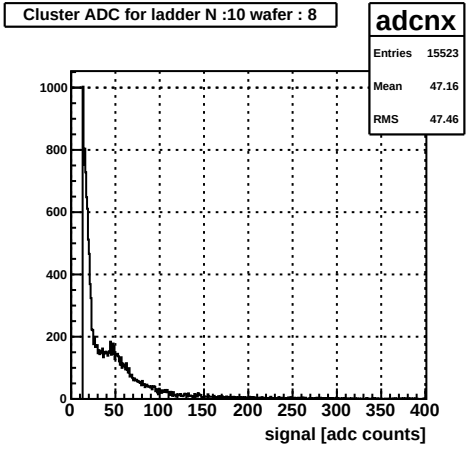

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 19055
Mean 60.61
RMS 55.3
signal [adc counts]

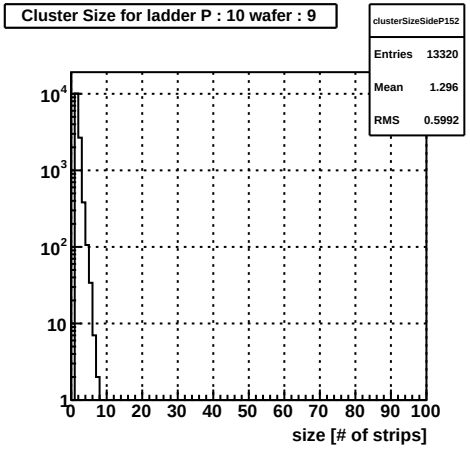

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 23798
Mean 1.267
RMS 0.565
size [# of strips]

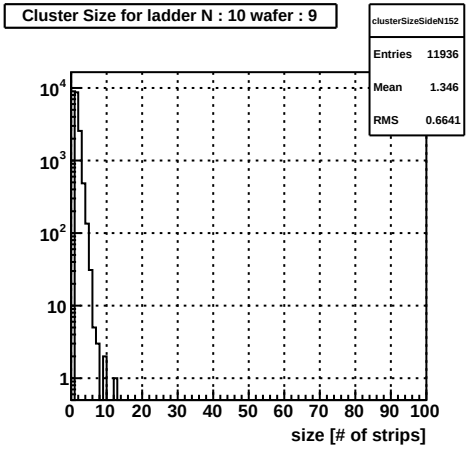

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 15523
Mean 1.394
RMS 0.7446
size [# of strips]

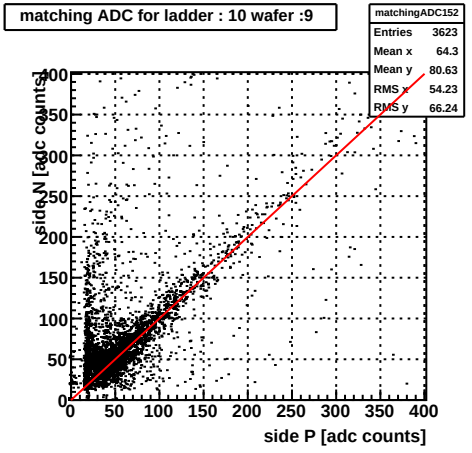

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7388
Mean x 59.2
Mean y 67.34
RMS x 53.01
RMS y 53.82
side N [adc counts]
side P [adc counts]

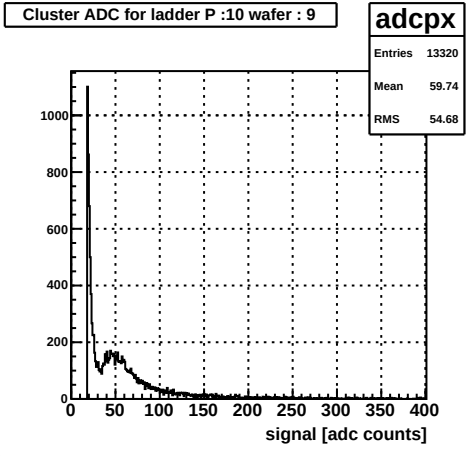

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 23798
Mean 58.43
RMS 50.88
signal [adc counts]

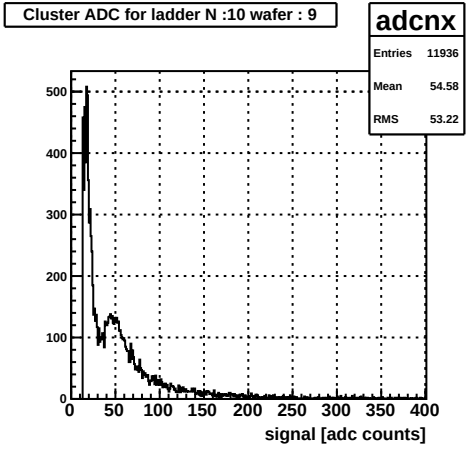

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 15523
Mean 47.16
RMS 47.46
signal [adc counts]

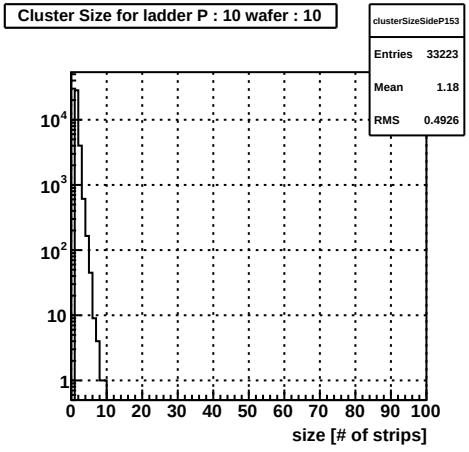

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 13320
Mean 1.296
RMS 0.5992
size [# of strips]

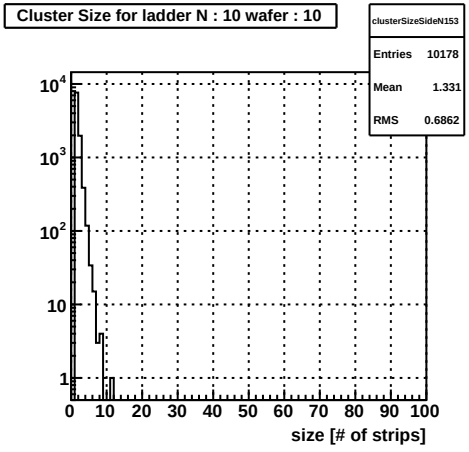

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 11936
Mean 1.346
RMS 0.6641
size [# of strips]

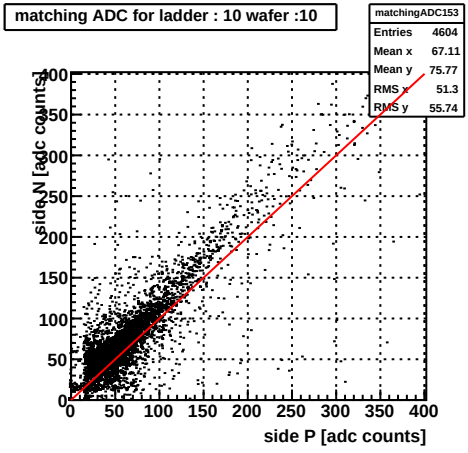

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3623
Mean x 64.3
Mean y 80.63
RMS x 54.23
RMS y 66.24
side N [adc counts]
side P [adc counts]

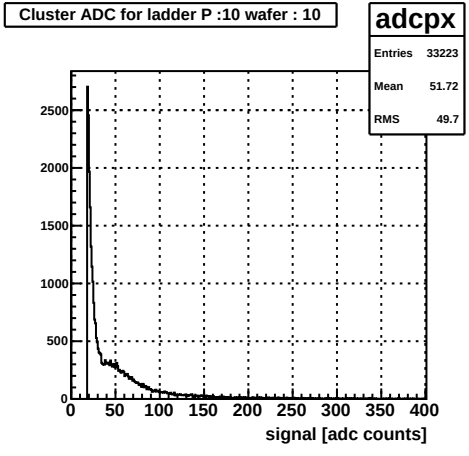

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 13320
Mean 59.74
RMS 54.68
signal [adc counts]

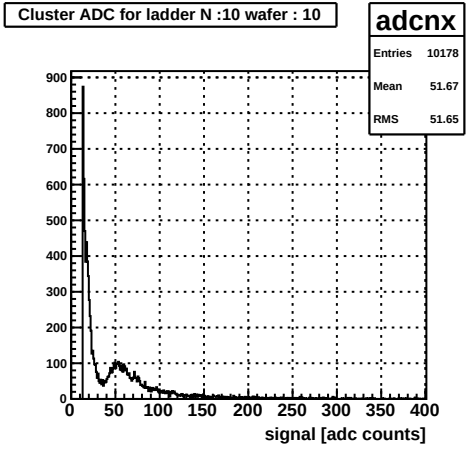

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 11936
Mean 54.58
RMS 53.22
signal [adc counts]

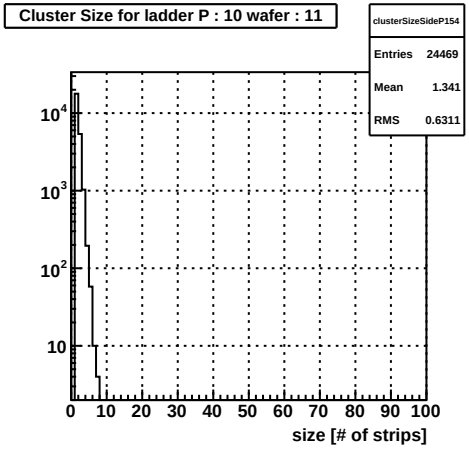

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 33223
Mean 1.18
RMS 0.4926
size [# of strips]

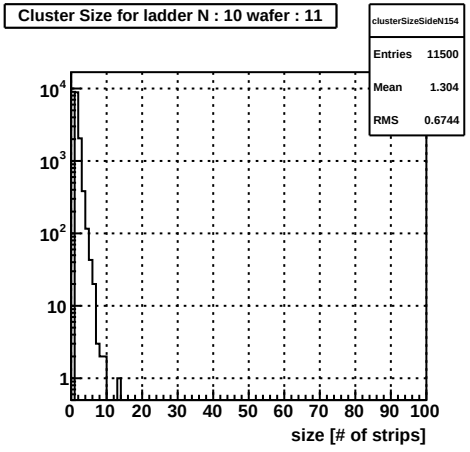

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 10178
Mean 1.331
RMS 0.6862
size [# of strips]

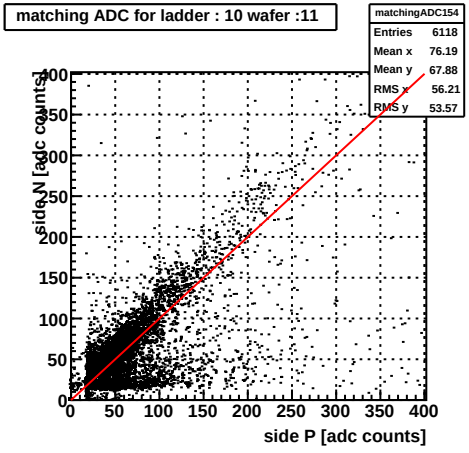

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4604
Mean x 67.11
Mean y 75.77
RMS x 51.3
RMS y 55.74
side N [adc counts]
side P [adc counts]

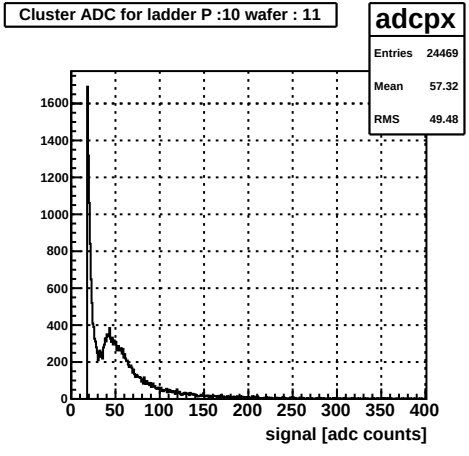

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 33223
Mean 51.72
RMS 49.7
signal [adc counts]

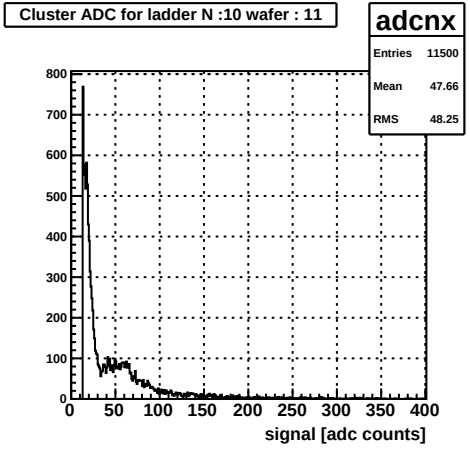

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 10178
Mean 51.67
RMS 51.65
signal [adc counts]

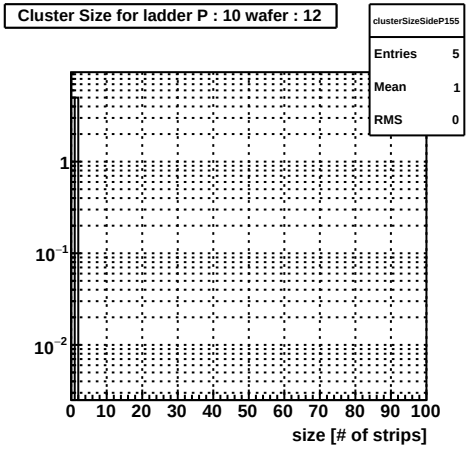

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 24469
Mean 1.341
RMS 0.6311
size [# of strips]

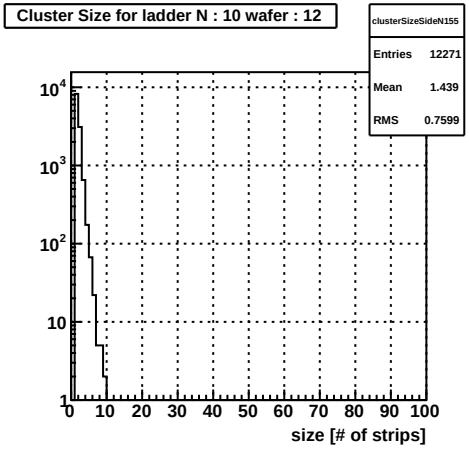

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 11500
Mean 1.304
RMS 0.6744
size [# of strips]

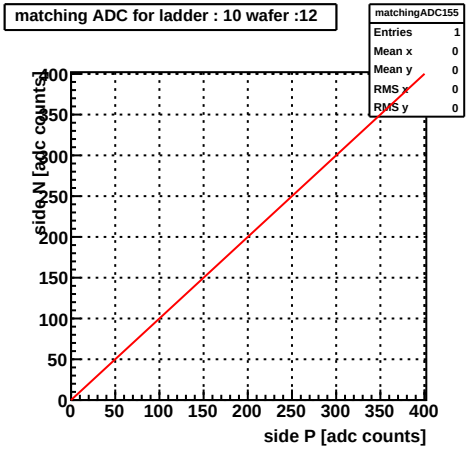

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6118
Mean x 76.19
Mean y 67.88
RMS x 56.21
RMS y 53.57
side N [adc counts]
side P [adc counts]

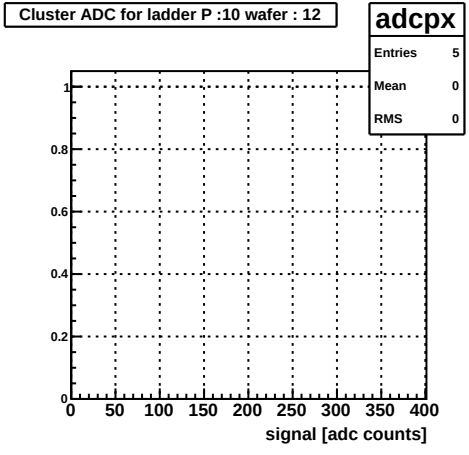

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 24469
Mean 57.32
RMS 49.48
signal [adc counts]

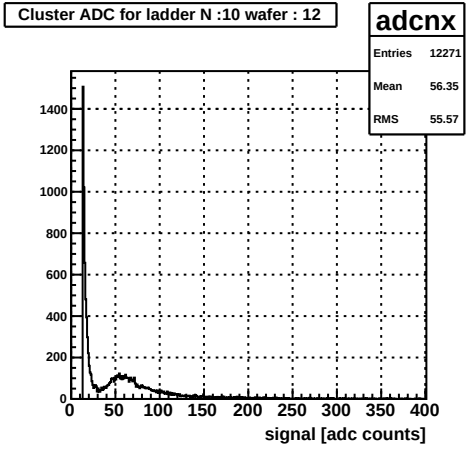

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 11500
Mean 47.66
RMS 48.25
signal [adc counts]

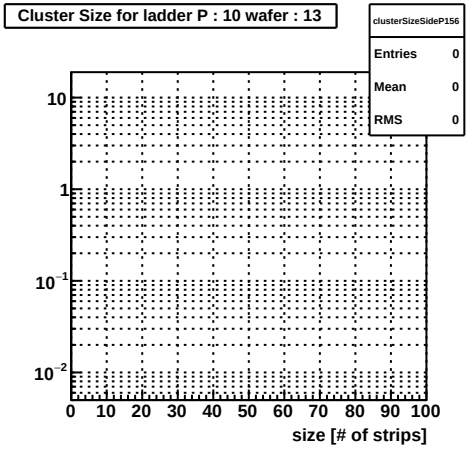

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 5
Mean 1
RMS 0
size [# of strips]

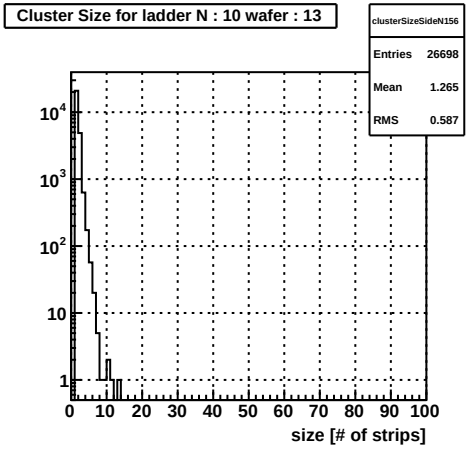

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 12271
Mean 1.439
RMS 0.7599
size [# of strips]

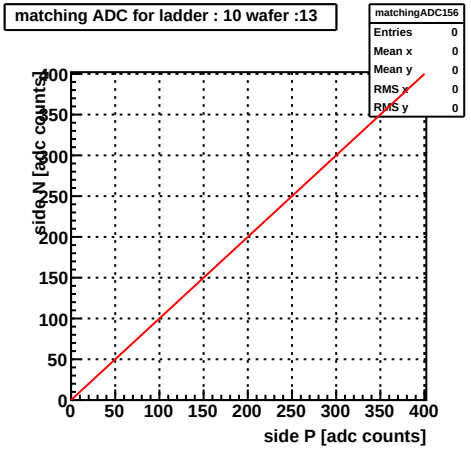

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

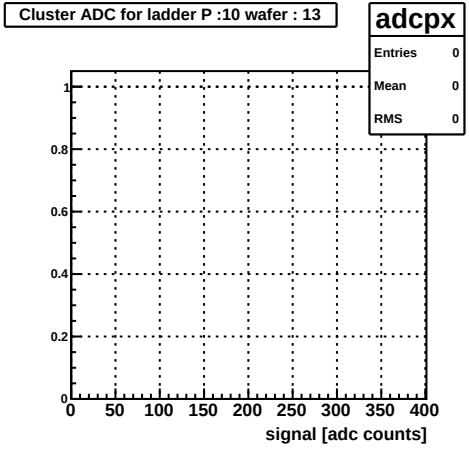

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

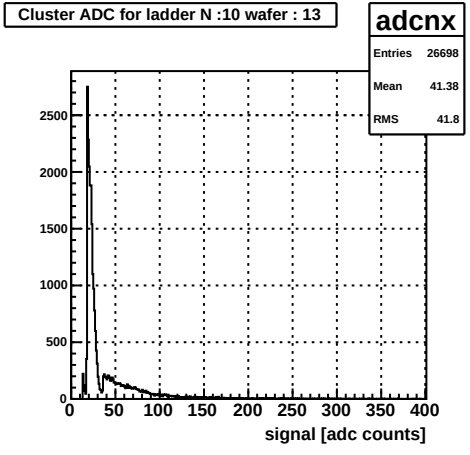

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 12271
Mean 56.35
RMS 55.57
signal [adc counts]

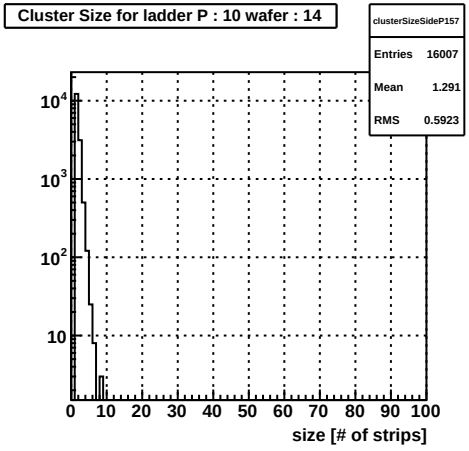

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

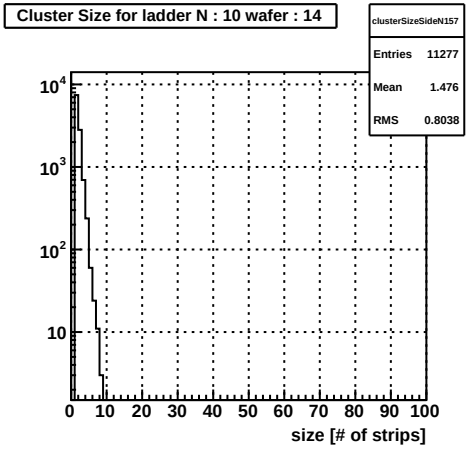

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 26698
Mean 1.265
RMS 0.587
size [# of strips]

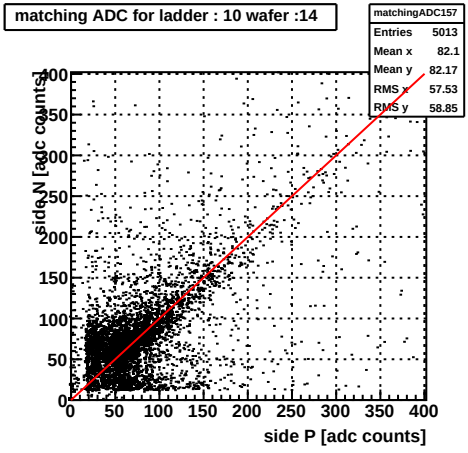

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

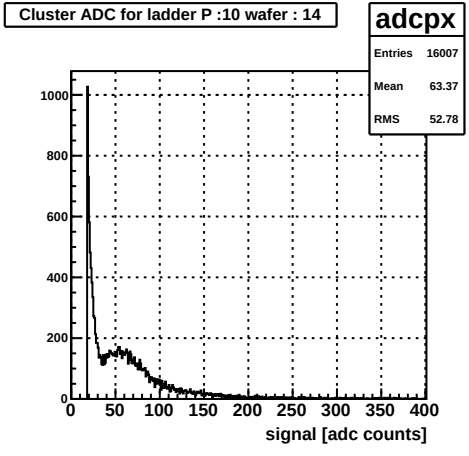

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

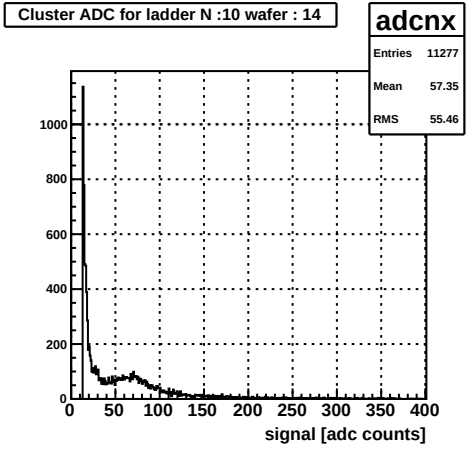

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 26698
Mean 41.38
RMS 41.8
signal [adc counts]

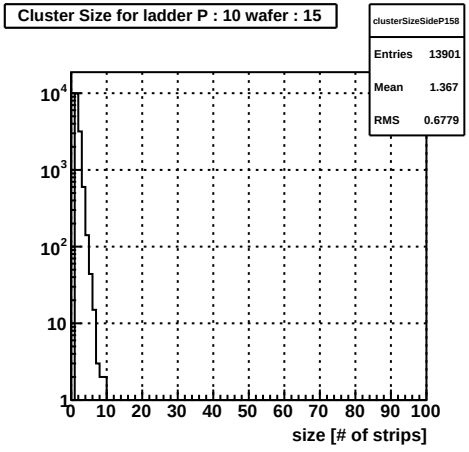

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 16007
Mean 1.291
RMS 0.5923
size [# of strips]

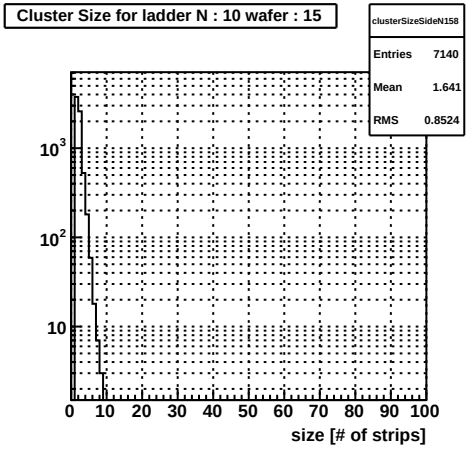

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 11277
Mean 1.476
RMS 0.8038
size [# of strips]

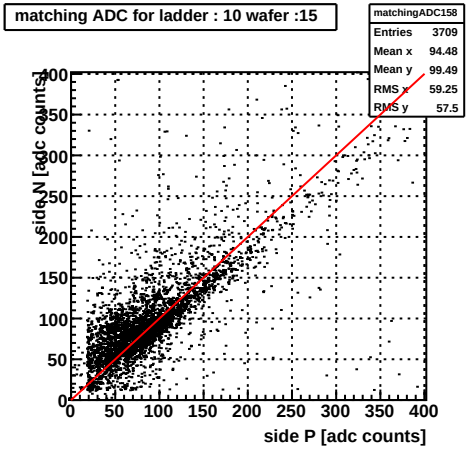

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 5013
Mean x 82.1
Mean y 82.17
RMS x 57.53
RMS y 58.85
side N [adc counts]
side P [adc counts]

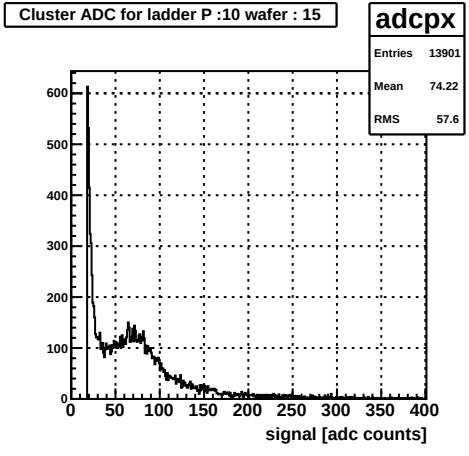

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 16007
Mean 63.37
RMS 52.78
signal [adc counts]

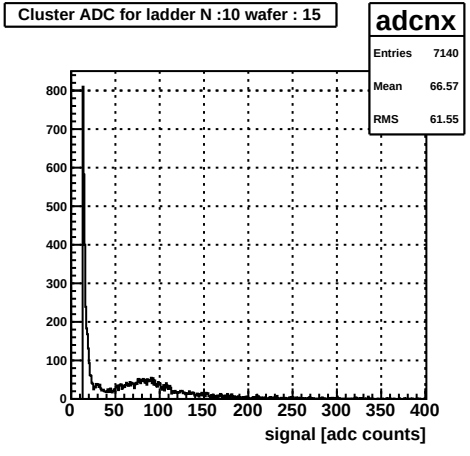

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 11277
Mean 57.35
RMS 55.46
signal [adc counts]

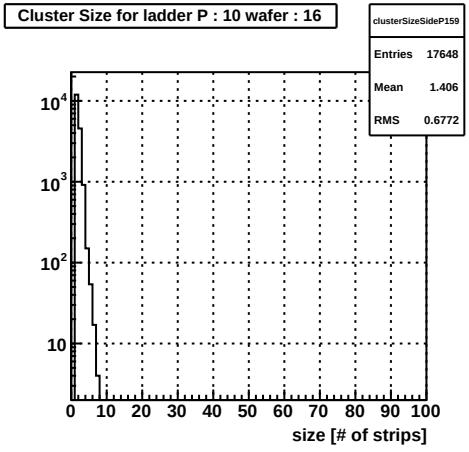

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 13901
Mean 1.367
RMS 0.6779
size [# of strips]

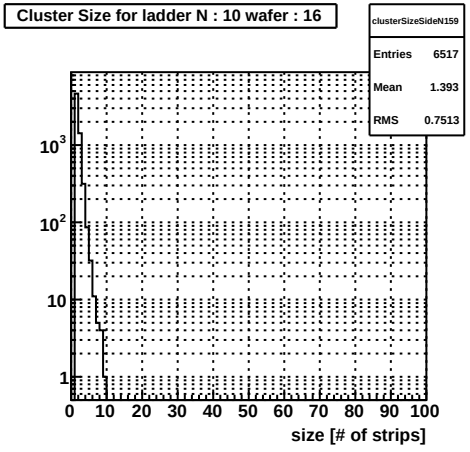

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 7140
Mean 1.641
RMS 0.8524
size [# of strips]

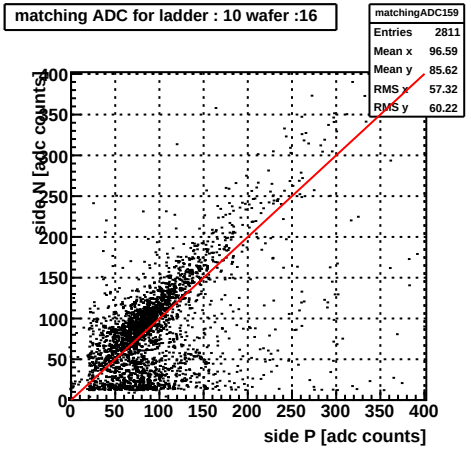

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3709
Mean x 94.48
Mean y 99.49
RMS x 59.25
RMS y 57.5
side N [adc counts]
side P [adc counts]

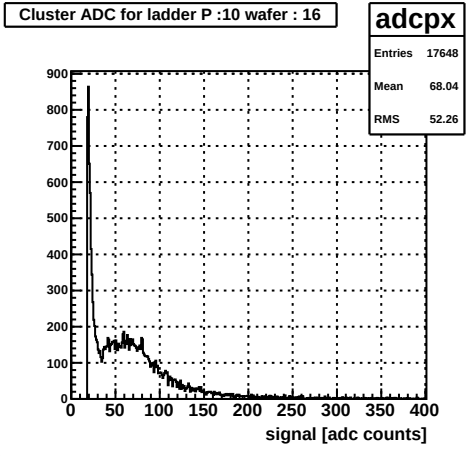

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 13901
Mean 74.22
RMS 57.6
signal [adc counts]

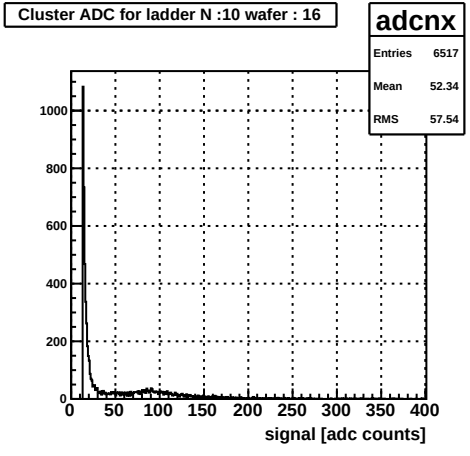

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 7140
Mean 66.57
RMS 61.55
signal [adc counts]

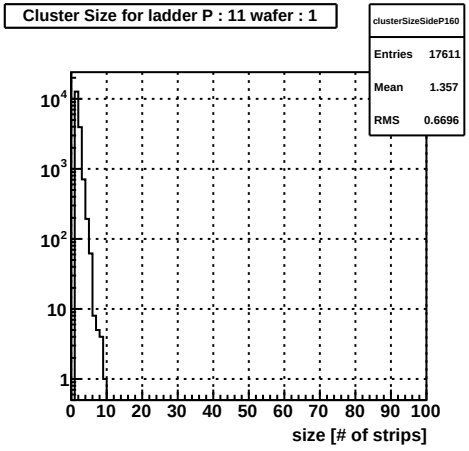

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 17648
Mean 1.406
RMS 0.6772
size [# of strips]

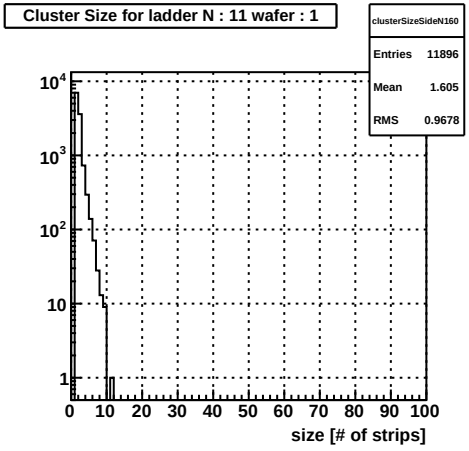

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 6517
Mean 1.393
RMS 0.7513
size [# of strips]

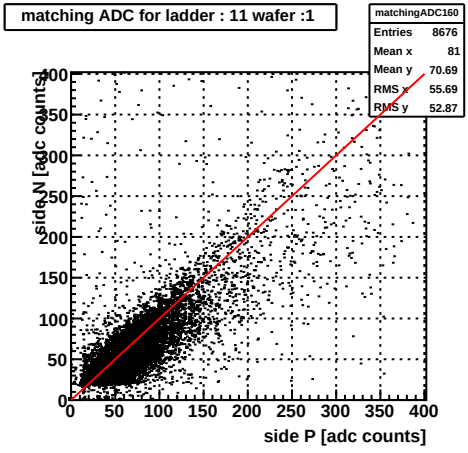

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2811
Mean x 96.59
Mean y 85.62
RMS x 57.32
RMS y 60.22
side N [adc counts]
side P [adc counts]

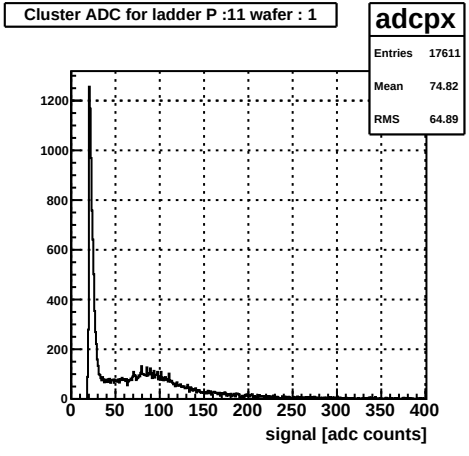

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 17648
Mean 68.04
RMS 52.26
signal [adc counts]

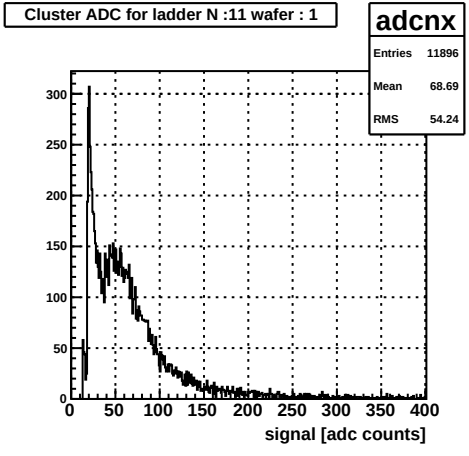

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 6517
Mean 52.34
RMS 57.54
signal [adc counts]

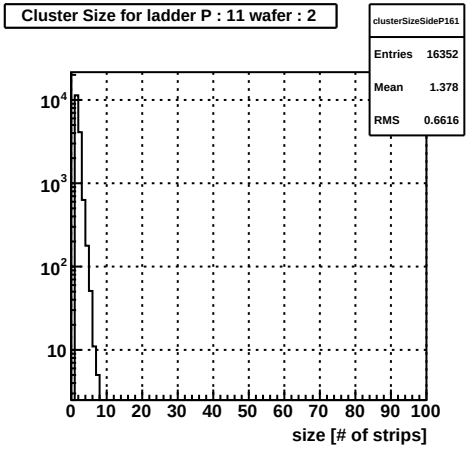

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 17611
Mean 1.357
RMS 0.6696
size [# of strips]

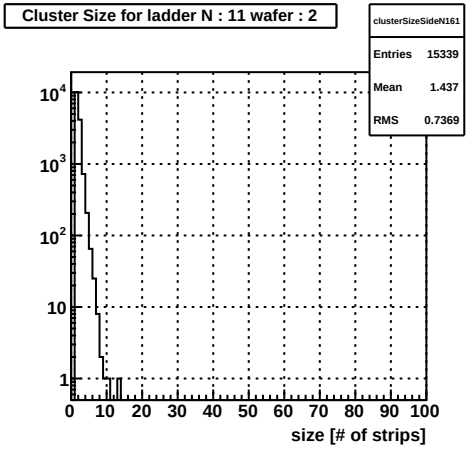

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 11896
Mean 1.605
RMS 0.9678
size [# of strips]

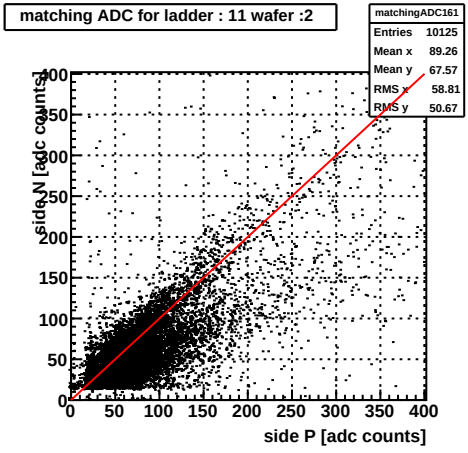

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8676
Mean x 81
Mean y 70.69
RMS x 55.69
RMS y 52.87
side N [adc counts]
side P [adc counts]

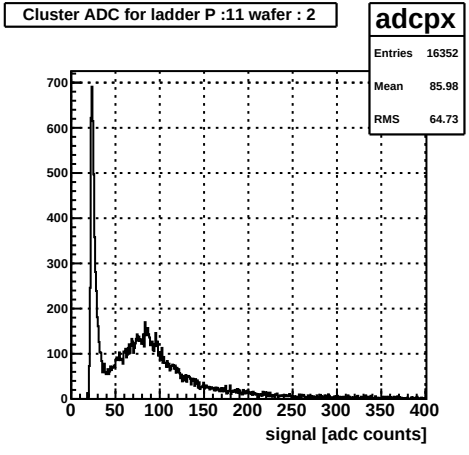

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 17611
Mean 74.82
RMS 64.89
signal [adc counts]

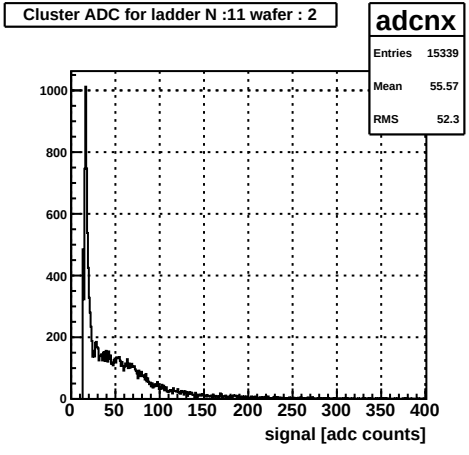

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 11896
Mean 68.69
RMS 54.24
signal [adc counts]

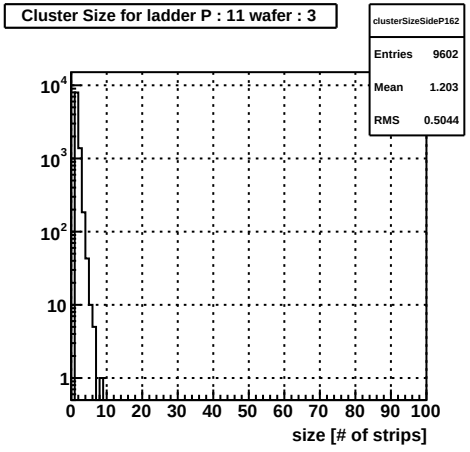

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 16352
Mean 1.378
RMS 0.6616
size [# of strips]

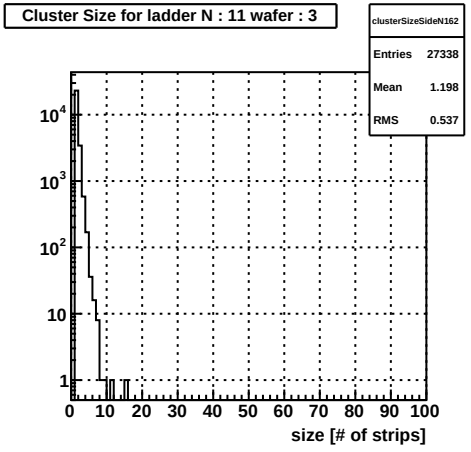

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 15339
Mean 1.437
RMS 0.7369
size [# of strips]

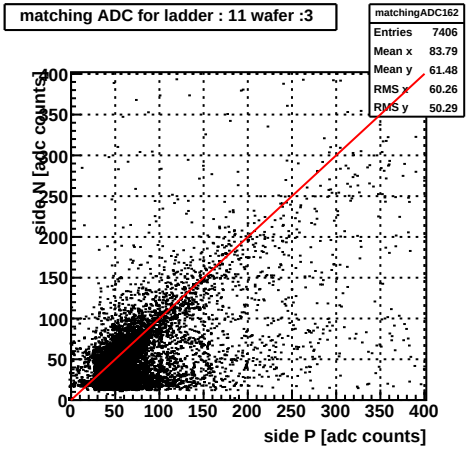

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 10125
Mean x 89.26
Mean y 67.57
RMS x 58.81
RMS y 50.67
side N [adc counts]
side P [adc counts]

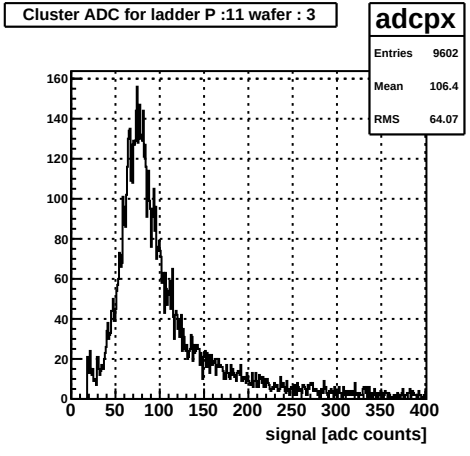

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 16352
Mean 85.98
RMS 64.73
signal [adc counts]

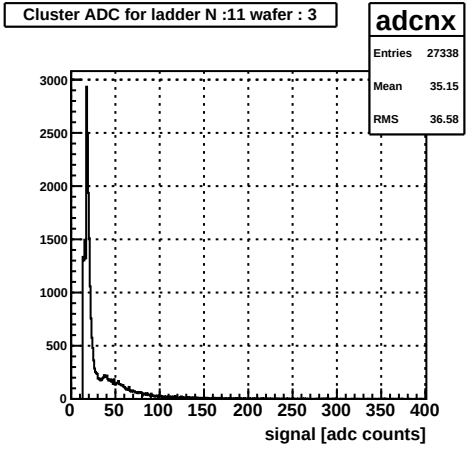

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 15339
Mean 55.57
RMS 52.3
signal [adc counts]

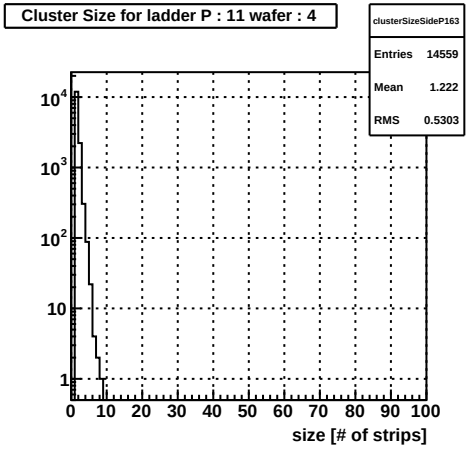

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 9602
Mean 1.203
RMS 0.5044
size [# of strips]

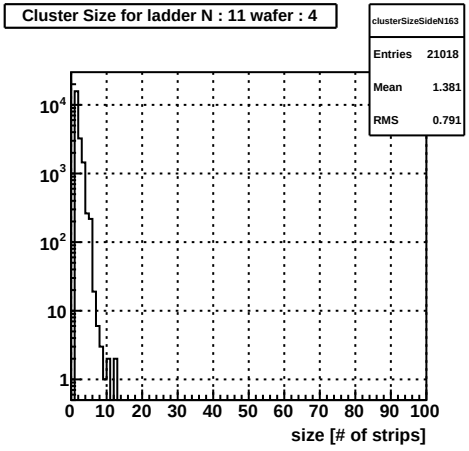

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 27338
Mean 1.198
RMS 0.537
size [# of strips]

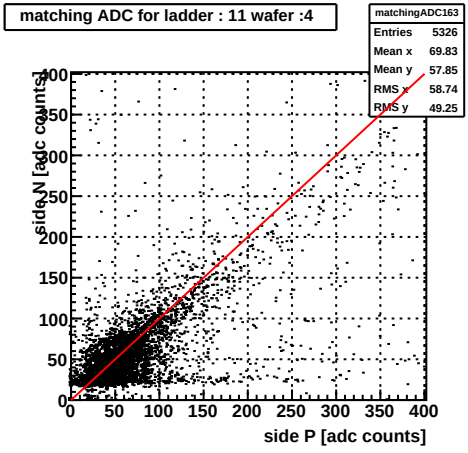

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 7406
Mean x 83.79
Mean y 61.48
RMS x 60.26
RMS y 50.29
side N [adc counts]
side P [adc counts]

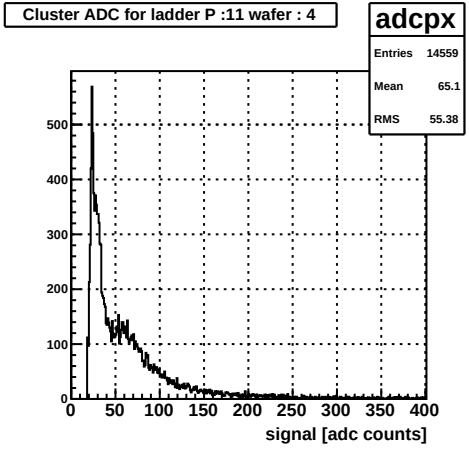

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 9602
Mean 106.4
RMS 64.07
signal [adc counts]

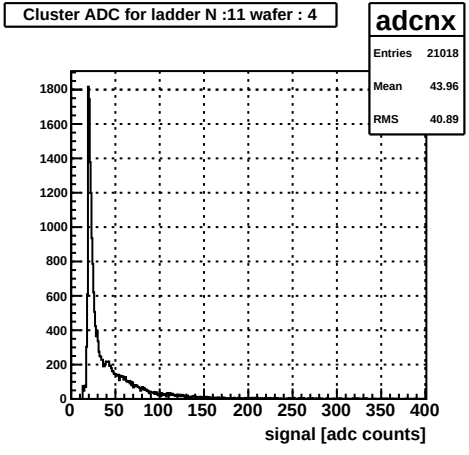

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 27338
Mean 35.15
RMS 36.58
signal [adc counts]

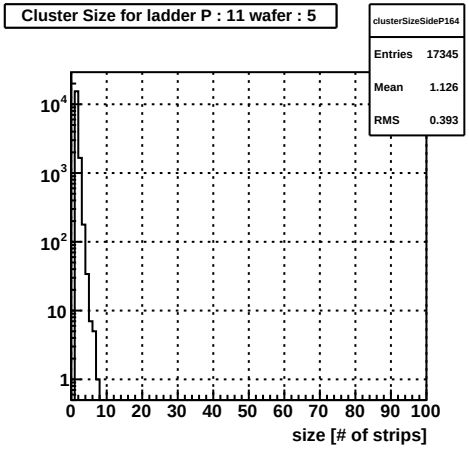

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 14559
Mean 1.222
RMS 0.5303
size [# of strips]

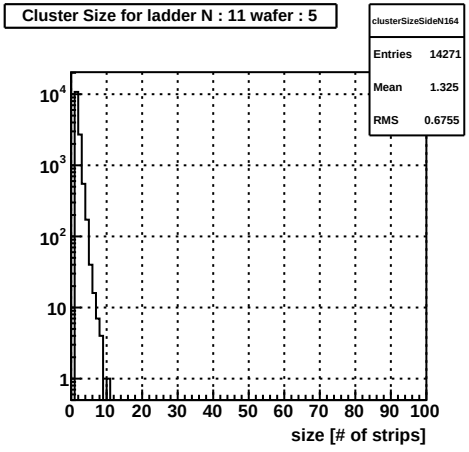

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 21018
Mean 1.381
RMS 0.791
size [# of strips]

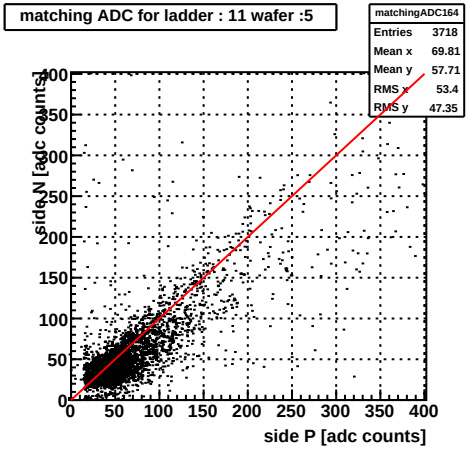

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 5326
Mean x 69.83
Mean y 57.85
RMS x 58.74
RMS y 49.25
side N [adc counts]
side P [adc counts]

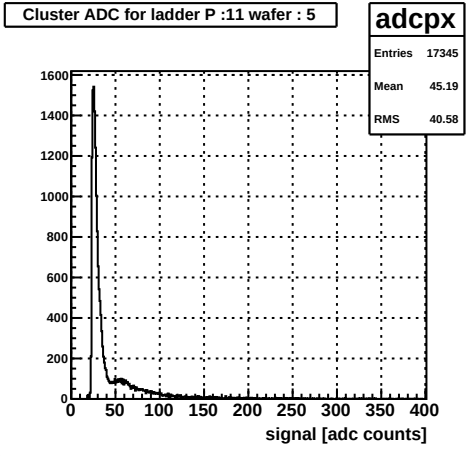

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 14559
Mean 65.1
RMS 55.38
signal [adc counts]

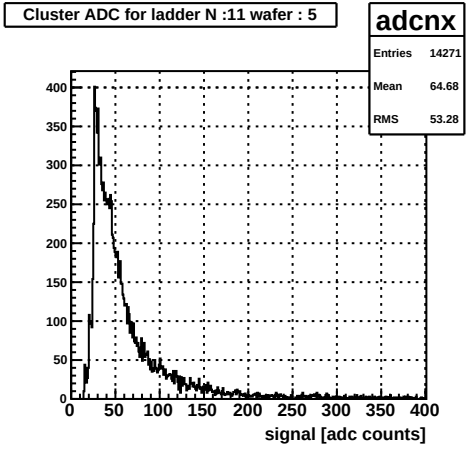

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 21018
Mean 43.96
RMS 40.89
signal [adc counts]

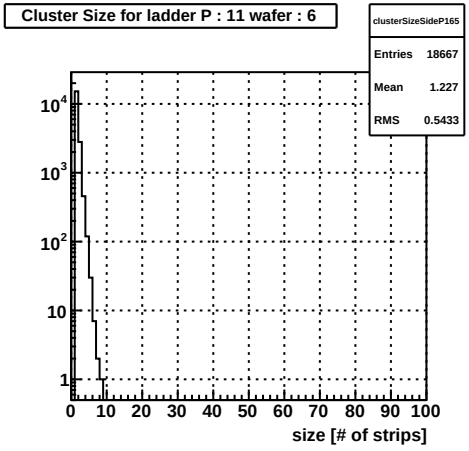

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 17345
Mean 1.126
RMS 0.393
size [# of strips]

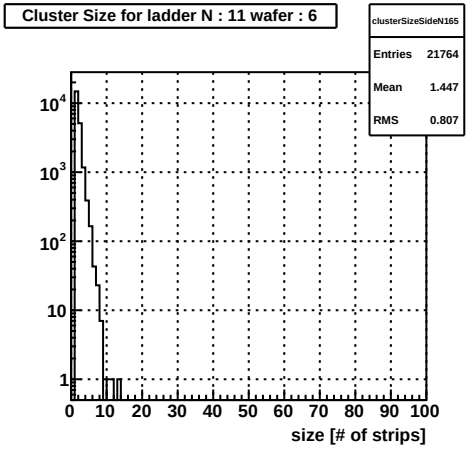

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 14271
Mean 1.325
RMS 0.6755
size [# of strips]

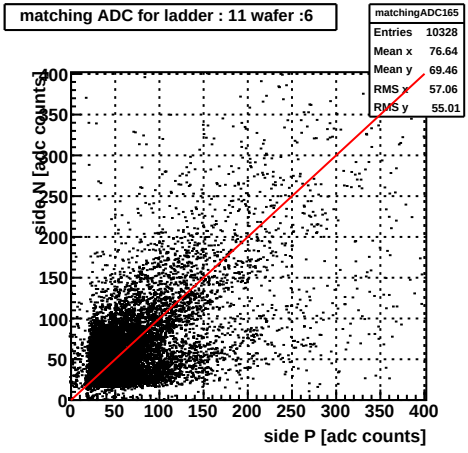

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3718
Mean x 69.81
Mean y 57.71
RMS x 53.4
RMS y 47.35
side N [adc counts]
side P [adc counts]

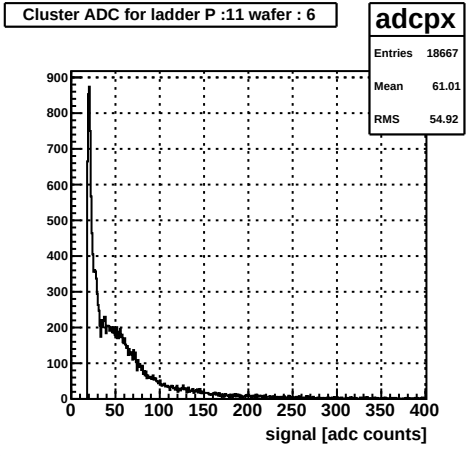

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 17345
Mean 45.19
RMS 40.58
signal [adc counts]

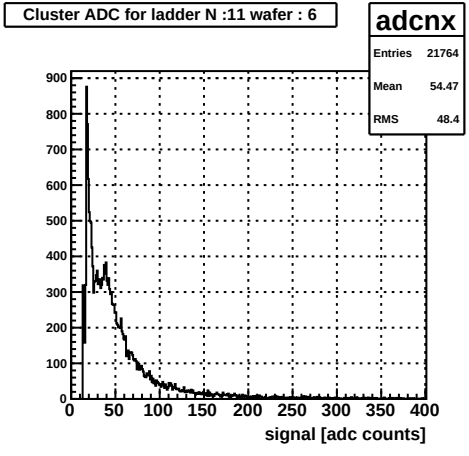

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 14271
Mean 64.68
RMS 53.28
signal [adc counts]

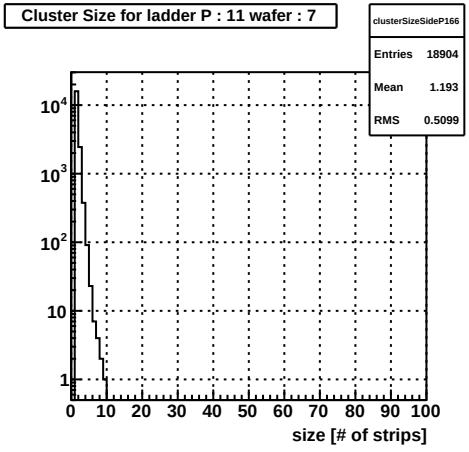

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 18667
Mean 1.227
RMS 0.5433
size [# of strips]

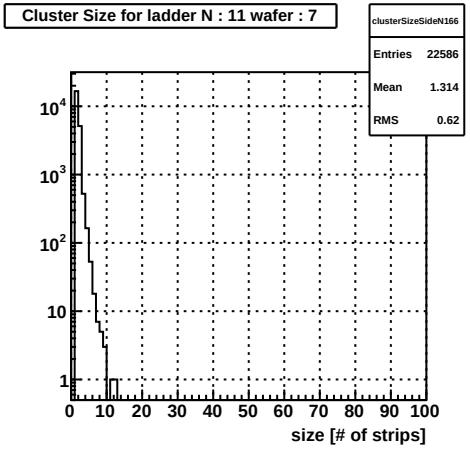

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 21764
Mean 1.447
RMS 0.807
size [# of strips]

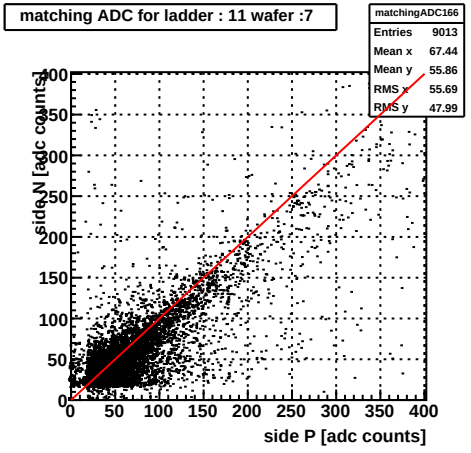

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10328
Mean x 76.64
Mean y 69.46
RMS x 57.06
RMS y 55.01
side N [adc counts]
side P [adc counts]

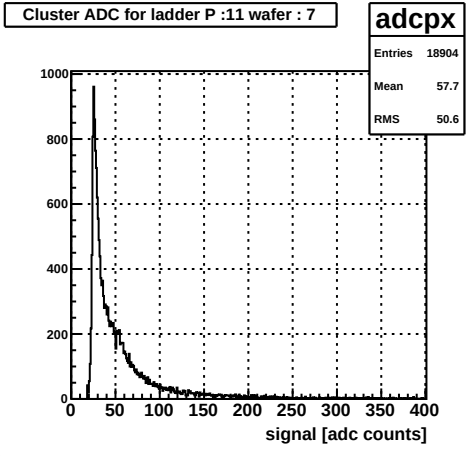

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 18667
Mean 61.01
RMS 54.92
signal [adc counts]

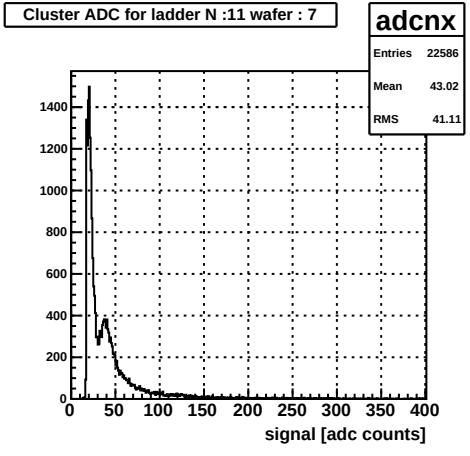

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 21764
Mean 54.47
RMS 48.4
signal [adc counts]

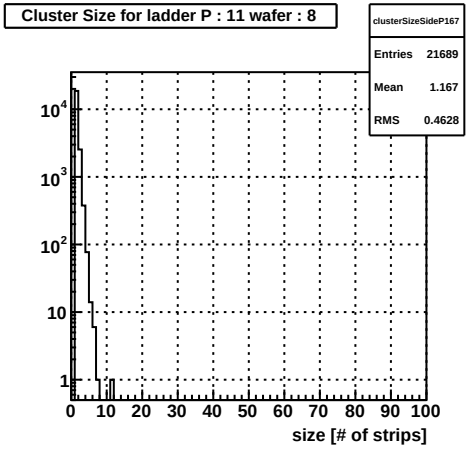

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 18904
Mean 1.193
RMS 0.5099
size [# of strips]

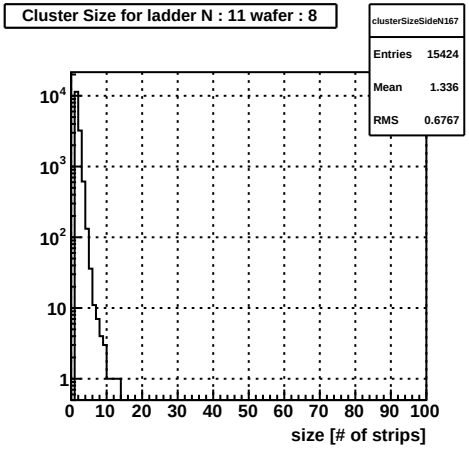

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 22586
Mean 1.314
RMS 0.62
size [# of strips]

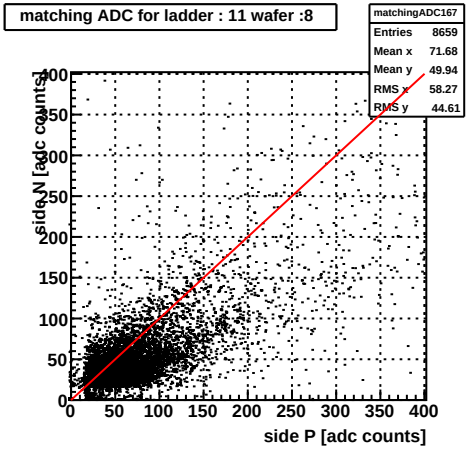

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 9013
Mean x 67.44
Mean y 55.86
RMS x 55.69
RMS y 47.99
side N [adc counts]
side P [adc counts]

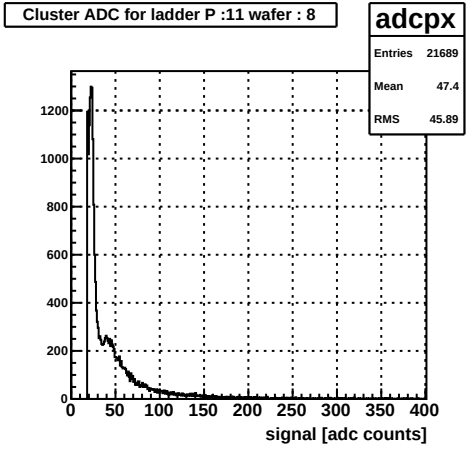

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 18904
Mean 57.7
RMS 50.6
signal [adc counts]

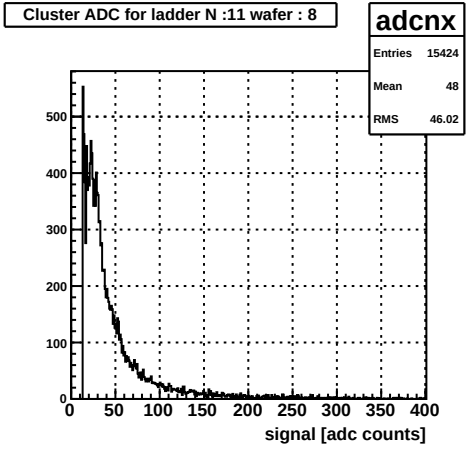

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 22586
Mean 43.02
RMS 41.11
signal [adc counts]

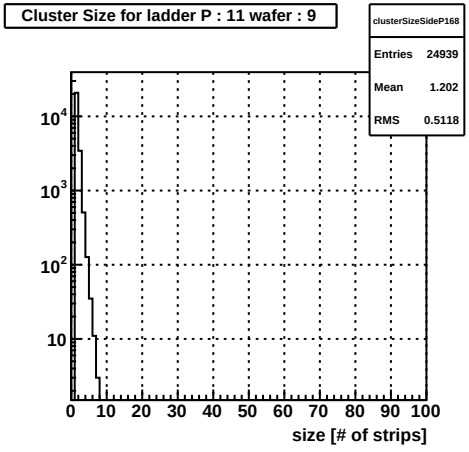

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 21689
Mean 1.167
RMS 0.4628
size [# of strips]

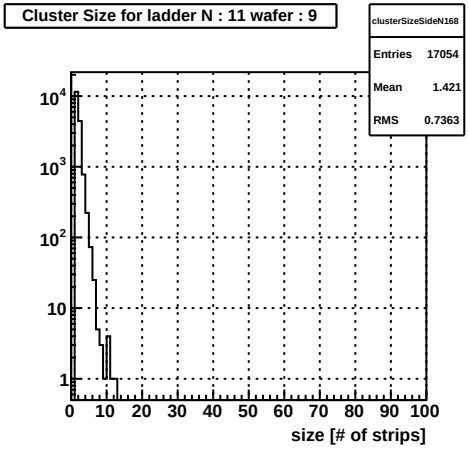

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 15424
Mean 1.336
RMS 0.6767
size [# of strips]

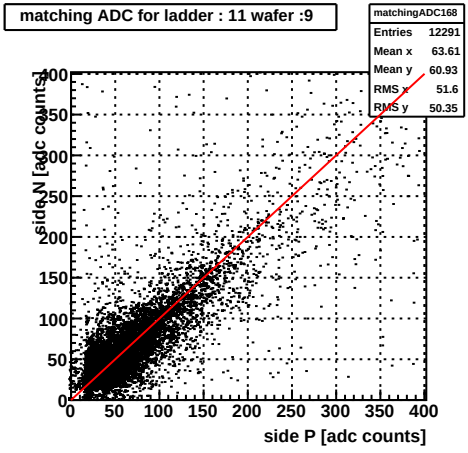

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 8659
Mean x 71.68
Mean y 49.94
RMS x 58.27
RMS y 44.61
side N [adc counts]
side P [adc counts]

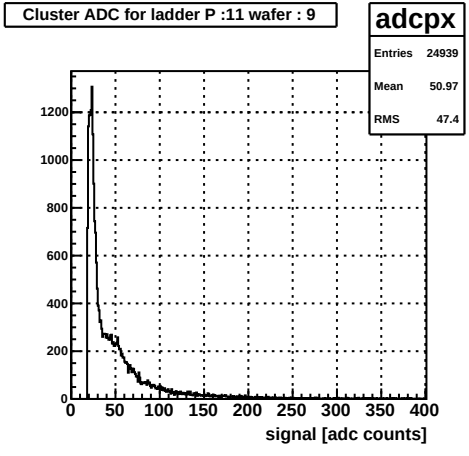

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 21689
Mean 47.4
RMS 45.89
signal [adc counts]

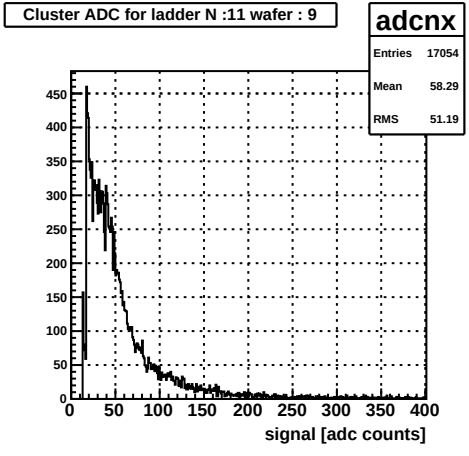

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 15424
Mean 48
RMS 46.02
signal [adc counts]

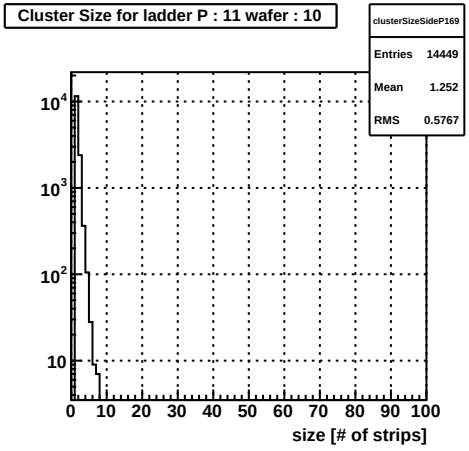

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 24939
Mean 1.202
RMS 0.5118
size [# of strips]

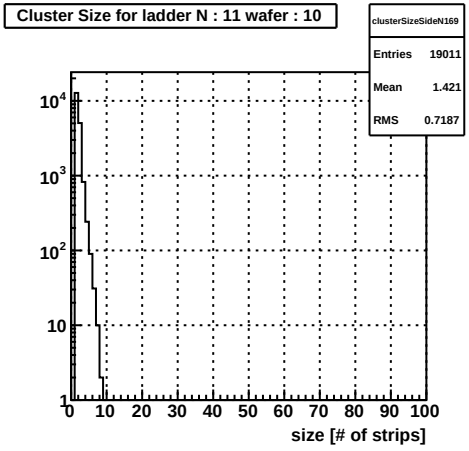

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 17054
Mean 1.421
RMS 0.7363
size [# of strips]

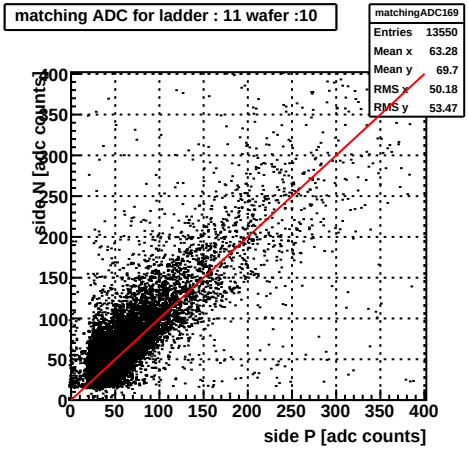

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 12291
Mean x 63.61
Mean y 60.93
RMS x 51.6
RMS y 50.35
side N [adc counts]
side P [adc counts]

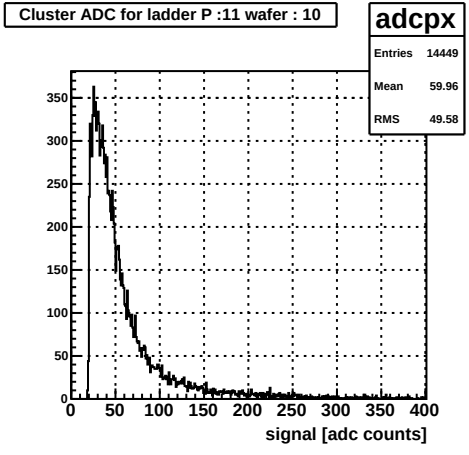

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 24939
Mean 50.97
RMS 47.4
signal [adc counts]

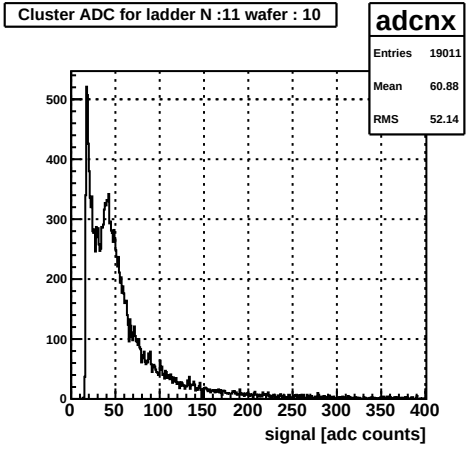

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 17054
Mean 58.29
RMS 51.19
signal [adc counts]

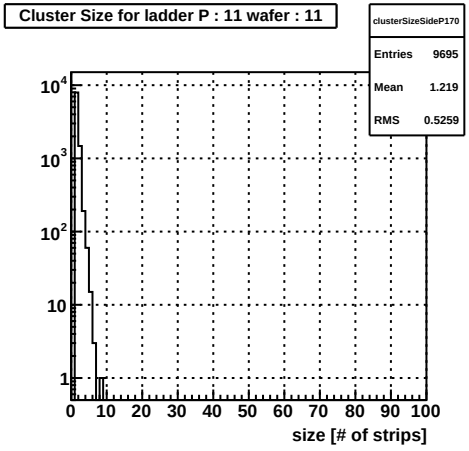

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 14449
Mean 1.252
RMS 0.5767
size [# of strips]

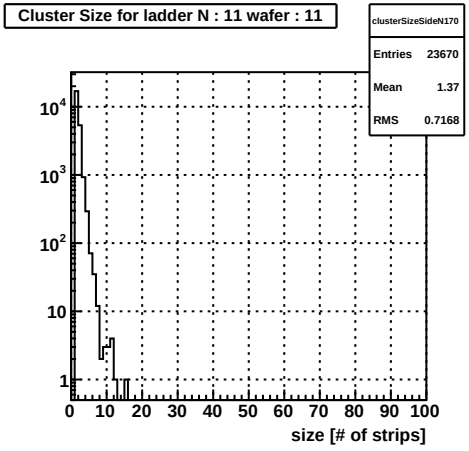

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 19011
Mean 1.421
RMS 0.7187
size [# of strips]

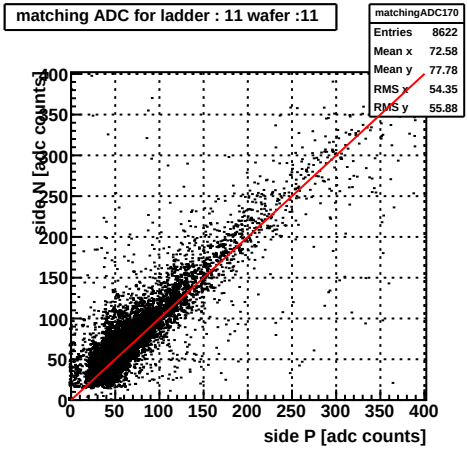

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 13550
Mean x 63.28
Mean y 69.7
RMS x 50.18
RMS y 53.47
side N [adc counts]
side P [adc counts]

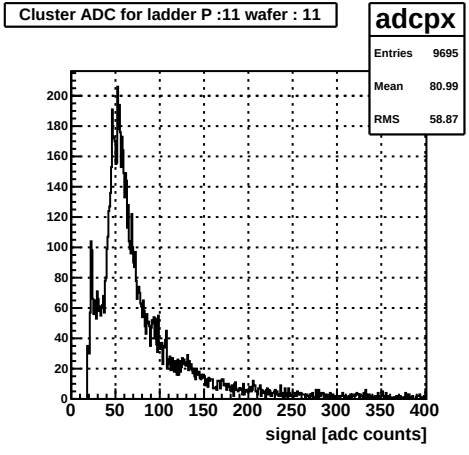

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 14449
Mean 59.96
RMS 49.58
signal [adc counts]

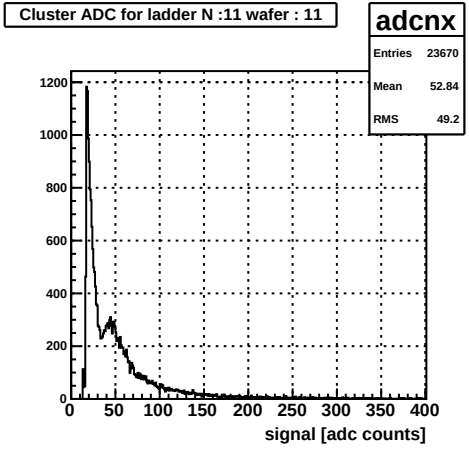

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 19011
Mean 60.88
RMS 52.14
signal [adc counts]

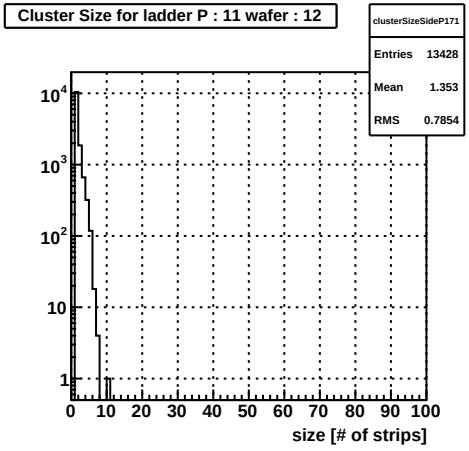

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9695
Mean 1.219
RMS 0.5259
size [# of strips]

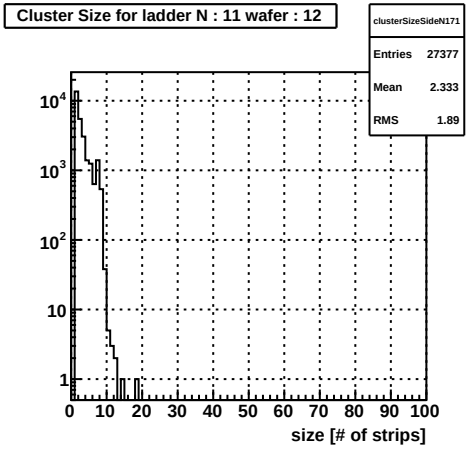

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 23670
Mean 1.37
RMS 0.7168
size [# of strips]

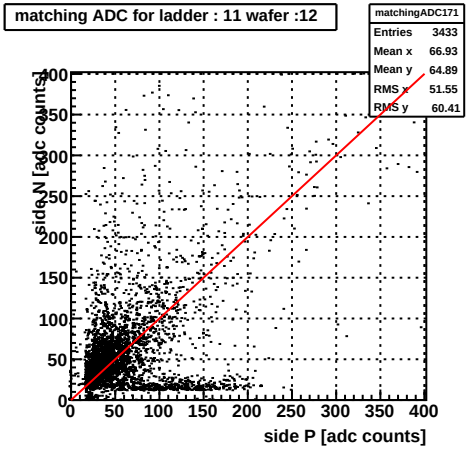

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8622
Mean x 72.58
Mean y 77.78
RMS x 54.35
RMS y 55.88
side N [adc counts]
side P [adc counts]

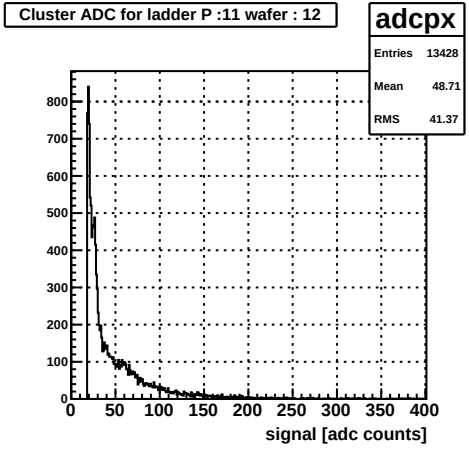

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9695
Mean 80.99
RMS 58.87
signal [adc counts]

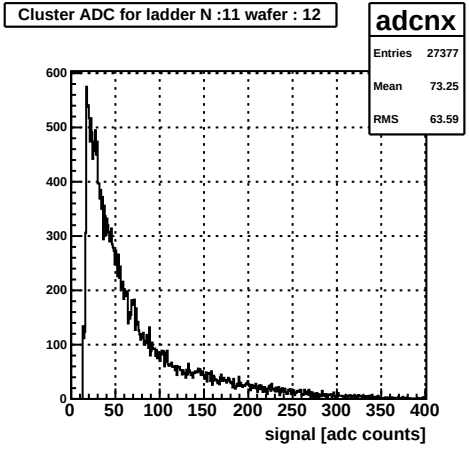

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 23670
Mean 52.84
RMS 49.2
signal [adc counts]

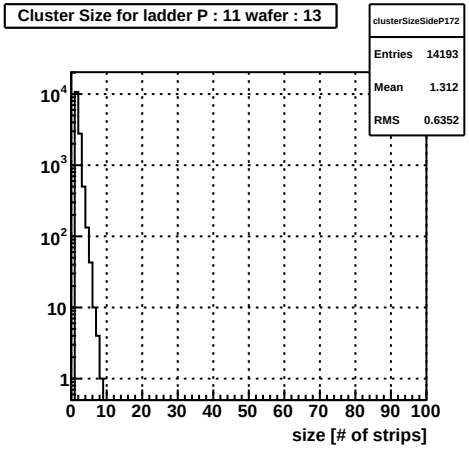

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13428
Mean 1.353
RMS 0.7854
size [# of strips]

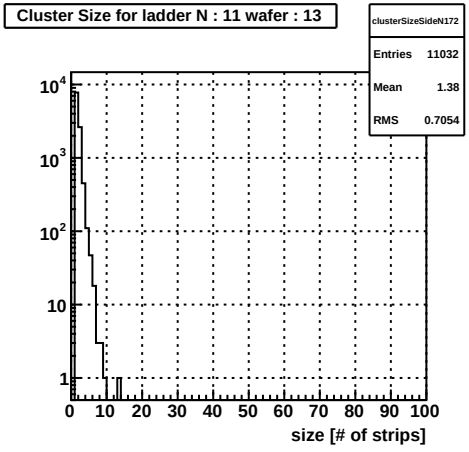

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 27377
Mean 2.333
RMS 1.89
size [# of strips]

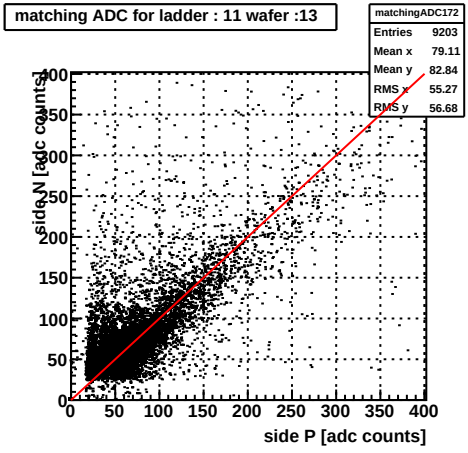

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3433
Mean x 66.93
Mean y 64.89
RMS x 51.55
RMS y 60.41
side N [adc counts]
side P [adc counts]

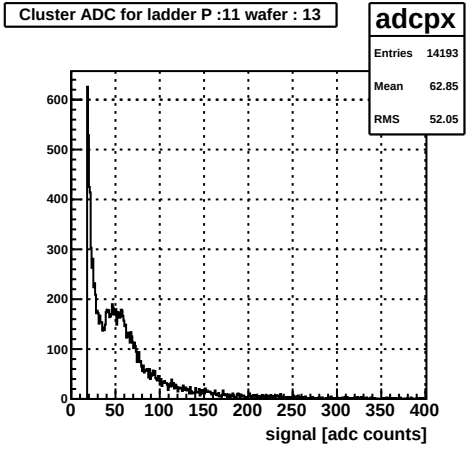

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13428
Mean 48.71
RMS 41.37
signal [adc counts]

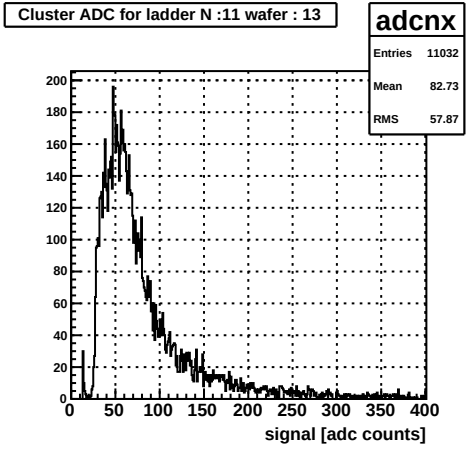

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 27377
Mean 73.25
RMS 63.59
signal [adc counts]

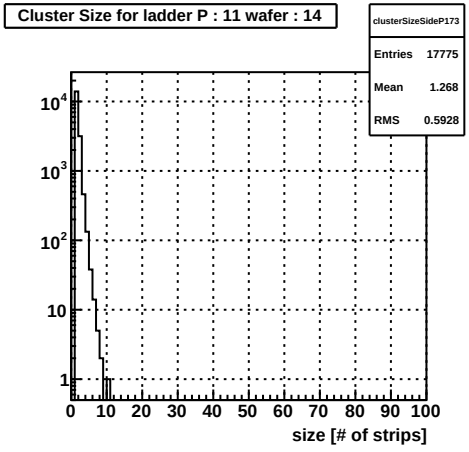

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 14193
Mean 1.312
RMS 0.6352
size [# of strips]

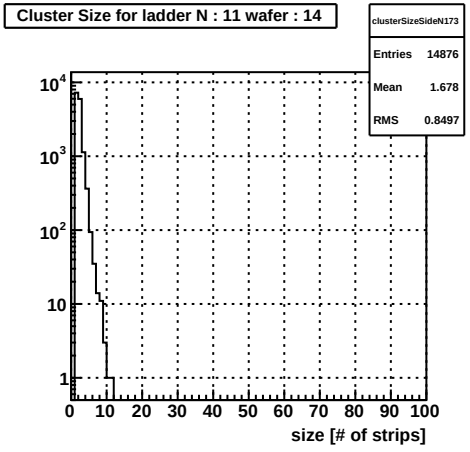

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 11032
Mean 1.38
RMS 0.7054
size [# of strips]

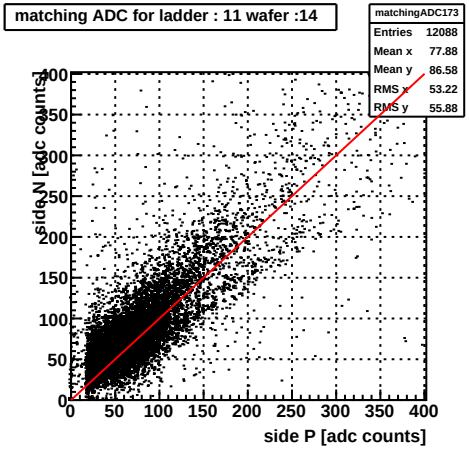

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 9203
Mean x 79.11
Mean y 82.84
RMS x 55.27
RMS y 56.68
side N [adc counts]
side P [adc counts]

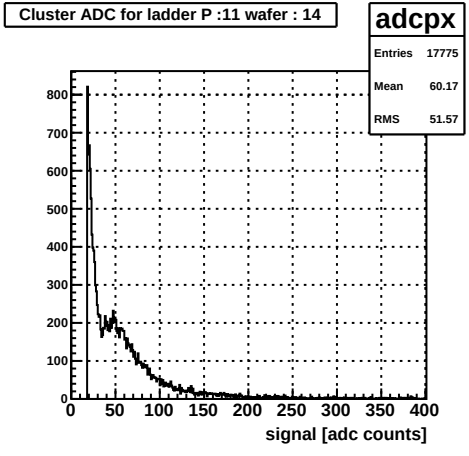

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 14193
Mean 62.85
RMS 52.05
signal [adc counts]

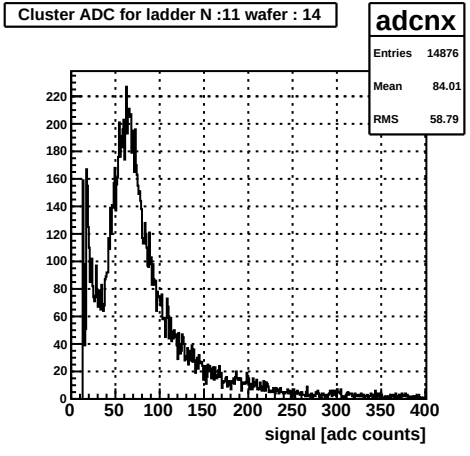

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 11032
Mean 82.73
RMS 57.87
signal [adc counts]

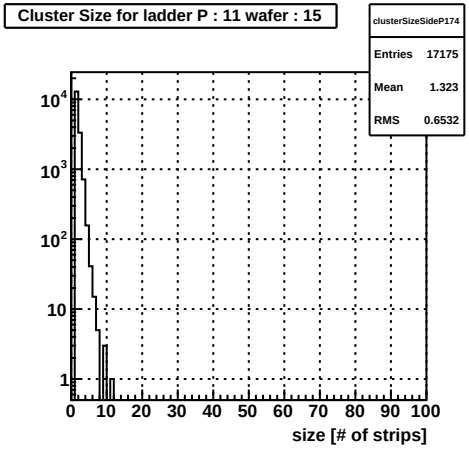

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 17775
Mean 1.268
RMS 0.5928
size [# of strips]

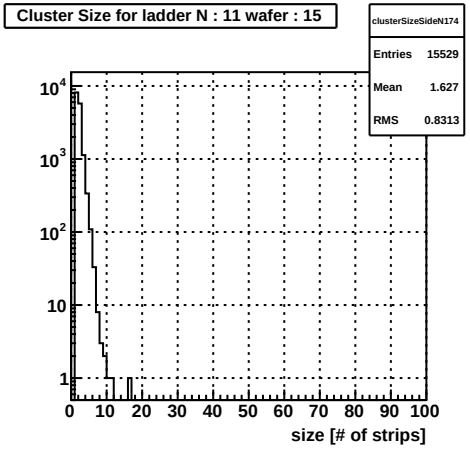

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 14876
Mean 1.678
RMS 0.8497
size [# of strips]

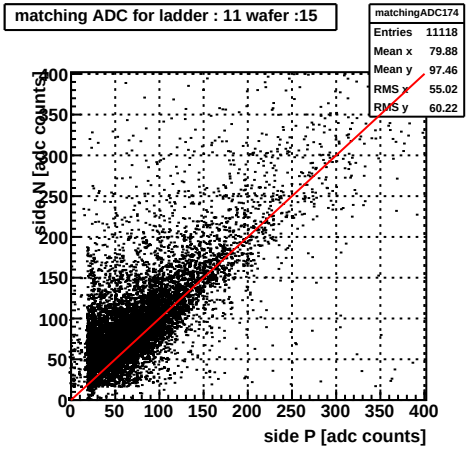

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 12088
Mean x 77.88
Mean y 86.58
RMS x 53.22
RMS y 55.88
side N [adc counts]
side P [adc counts]

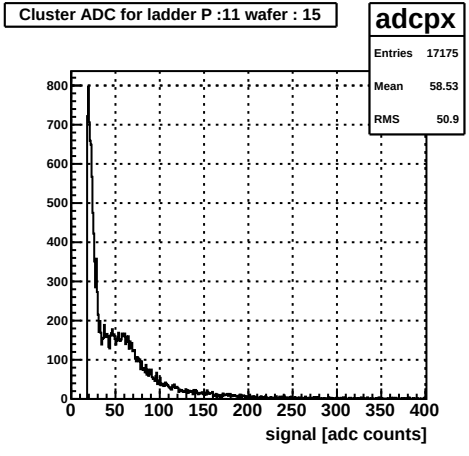

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 17775
Mean 60.17
RMS 51.57
signal [adc counts]

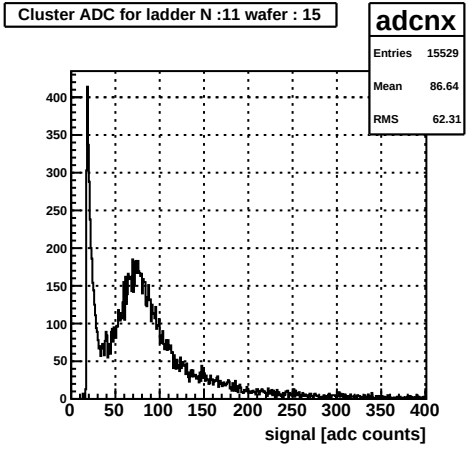

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 14876
Mean 84.01
RMS 58.79
signal [adc counts]

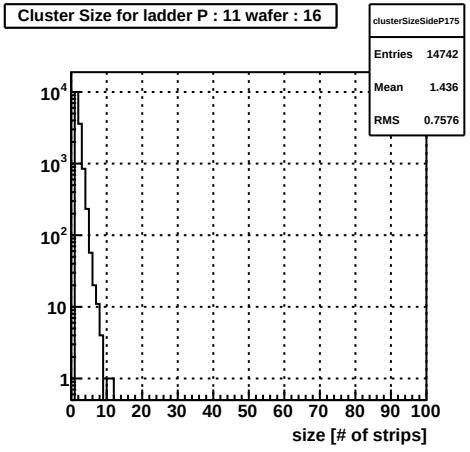

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 17175
Mean 1.323
RMS 0.6532
size [# of strips]

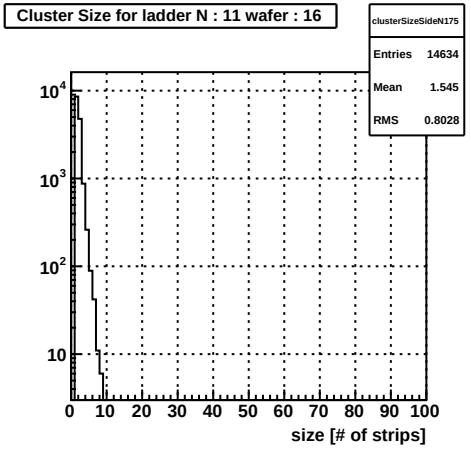

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 15529
Mean 1.627
RMS 0.8313
size [# of strips]

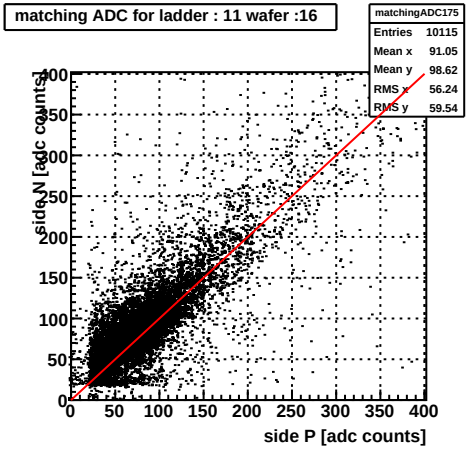

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 11118
Mean x 79.88
Mean y 97.46
RMS x 55.02
RMS y 60.22
side N [adc counts]
side P [adc counts]

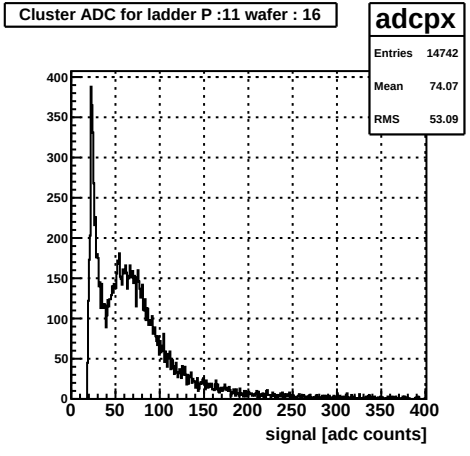

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 17175
Mean 58.53
RMS 50.9
signal [adc counts]

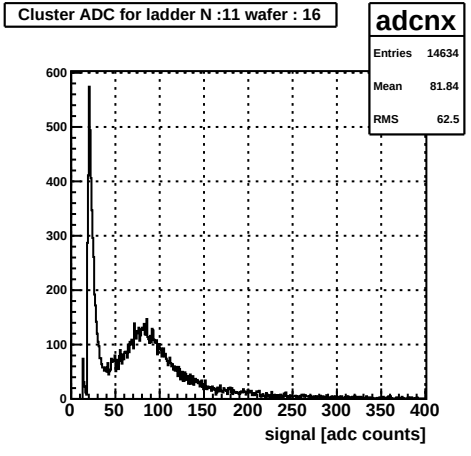

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 15529
Mean 86.64
RMS 62.31
signal [adc counts]

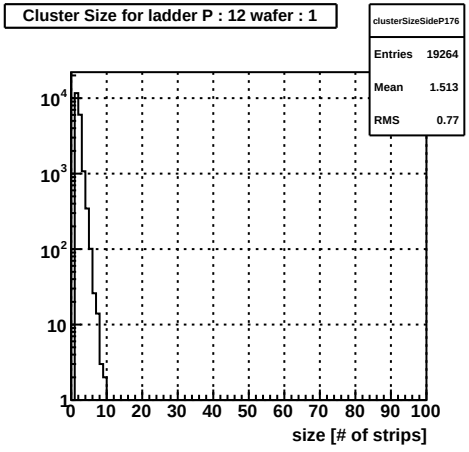

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 14742
Mean 1.436
RMS 0.7576
size [# of strips]

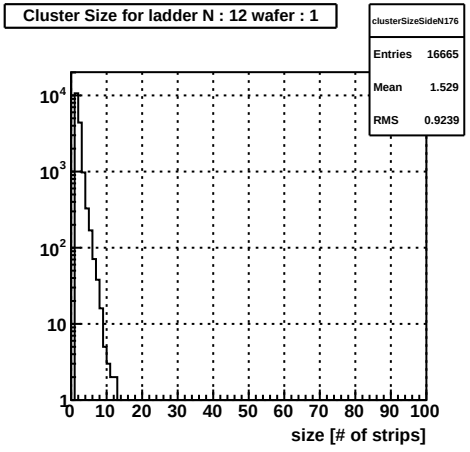

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 14634
Mean 1.545
RMS 0.8028
size [# of strips]

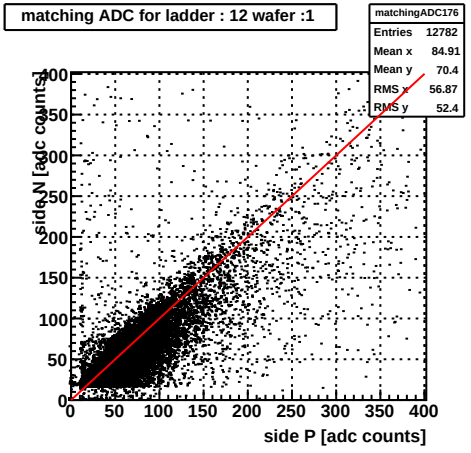

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 10115
Mean x 91.05
Mean y 98.62
RMS x 56.24
RMS y 59.54
side N [adc counts]
side P [adc counts]

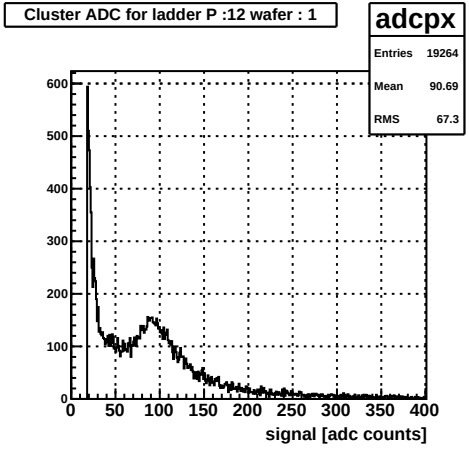

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 14742
Mean 74.07
RMS 53.09
signal [adc counts]

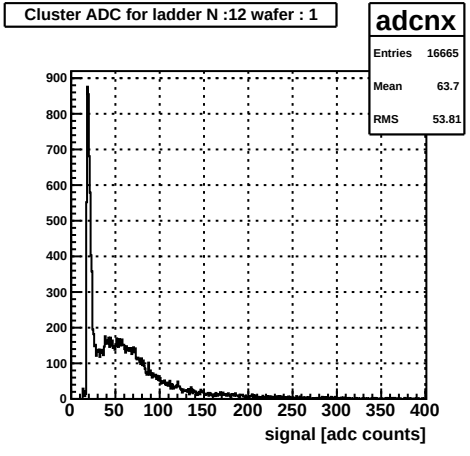

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 14634
Mean 81.84
RMS 62.5
signal [adc counts]

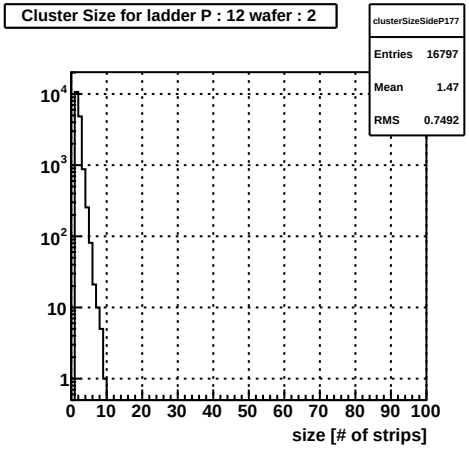

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 19264
Mean 1.513
RMS 0.77
size [# of strips]

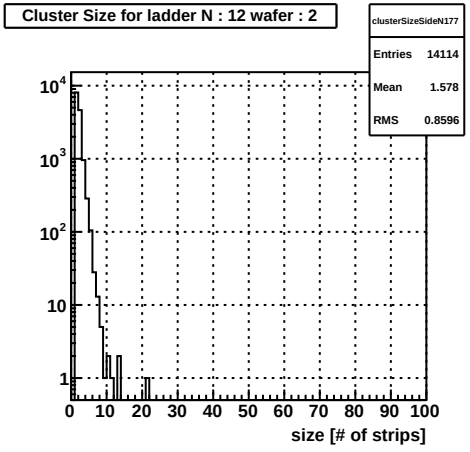

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 16665
Mean 1.529
RMS 0.9239
size [# of strips]

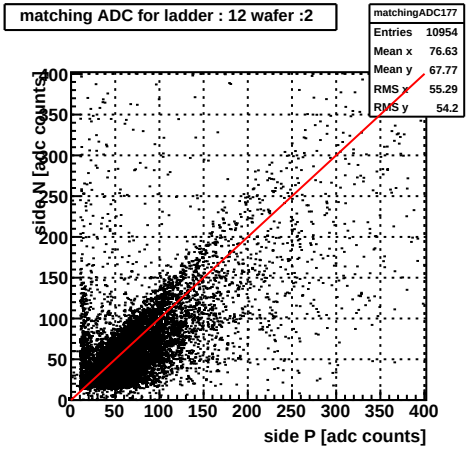

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 12782
Mean x 84.91
Mean y 70.4
RMS x 56.87
RMS y 52.4
side N [adc counts]
side P [adc counts]

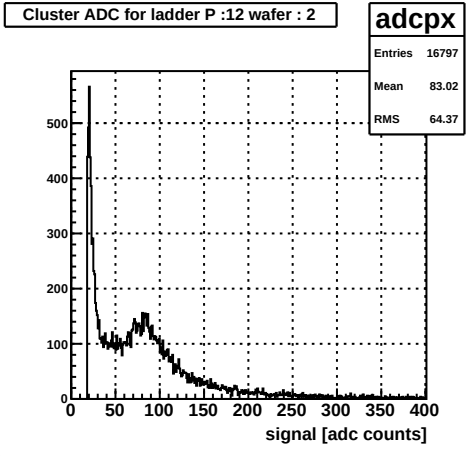

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 19264
Mean 90.69
RMS 67.3
signal [adc counts]

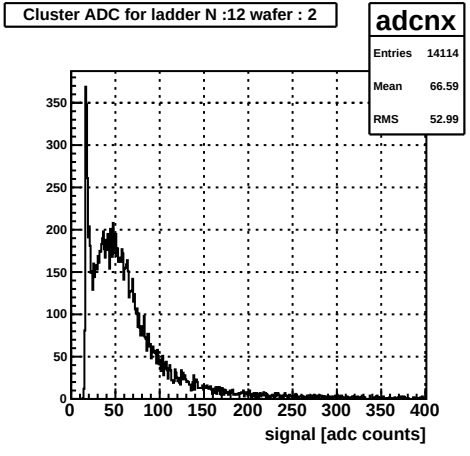

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 16665
Mean 63.7
RMS 53.81
signal [adc counts]

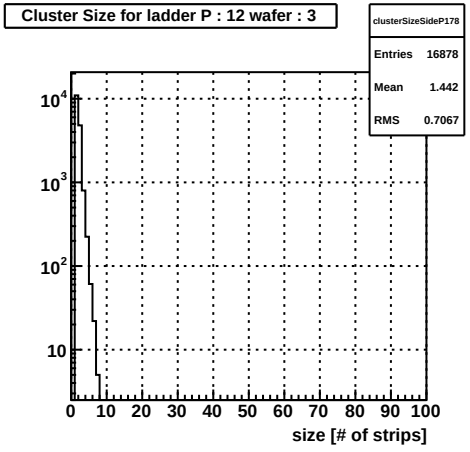

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 16797
Mean 1.47
RMS 0.7492
size [# of strips]

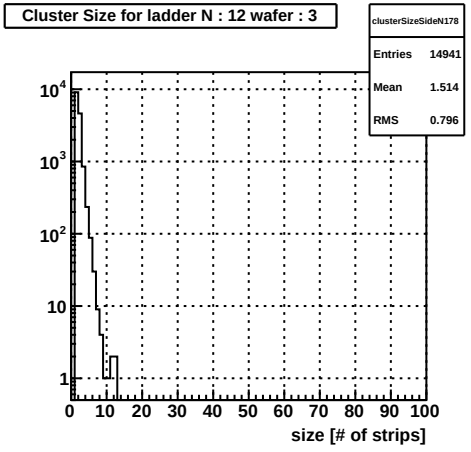

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 14114
Mean 1.578
RMS 0.8596
size [# of strips]

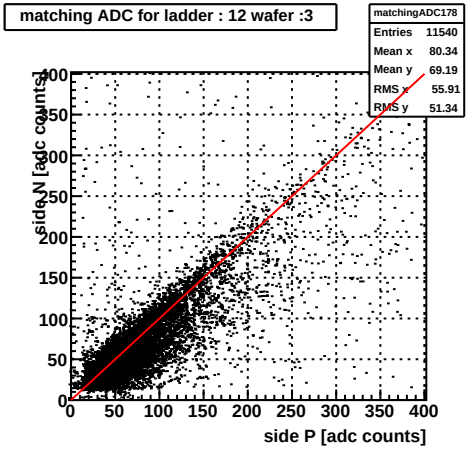

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10954
Mean x 76.63
Mean y 67.77
RMS x 55.29
RMS y 54.2
side N [adc counts]
side P [adc counts]

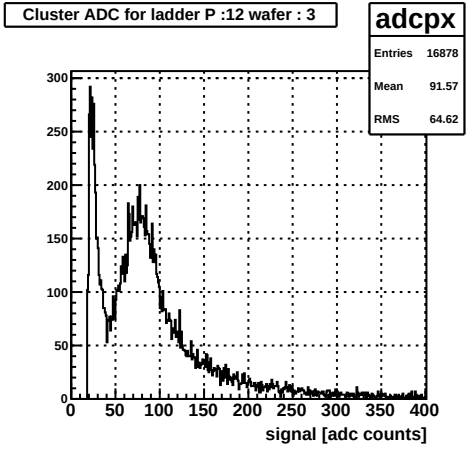

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 16797
Mean 83.02
RMS 64.37
signal [adc counts]

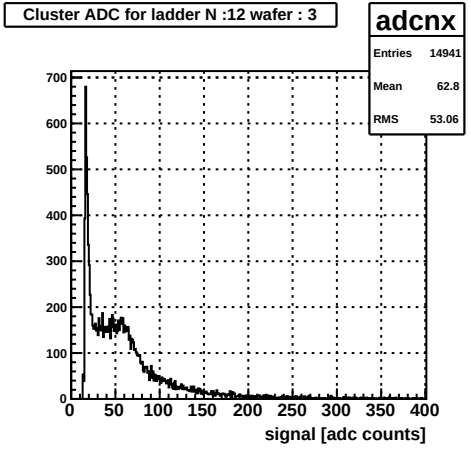

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 14114
Mean 66.59
RMS 52.99
signal [adc counts]

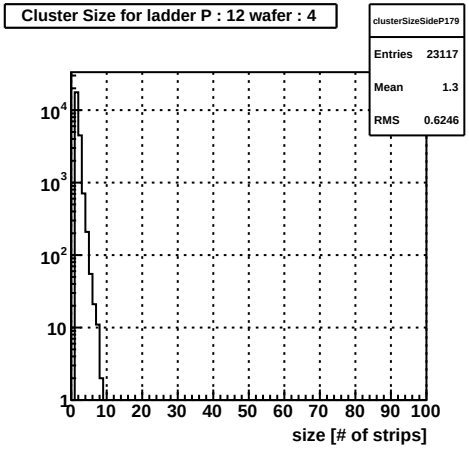

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 16878
Mean 1.442
RMS 0.7067
size [# of strips]

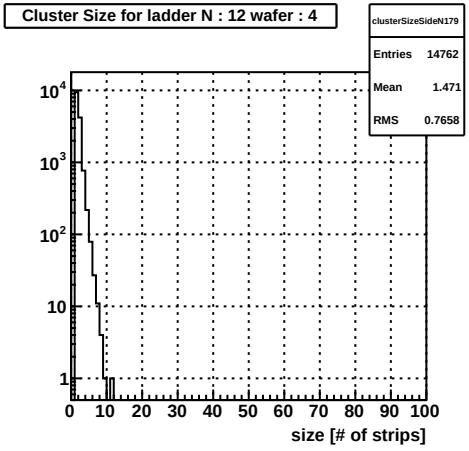

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 14941
Mean 1.514
RMS 0.796
size [# of strips]

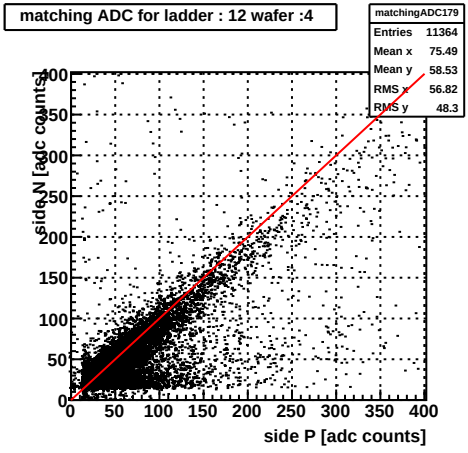

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 11540
Mean x 80.34
Mean y 69.19
RMS x 55.91
RMS y 51.34
side N [adc counts]
side P [adc counts]

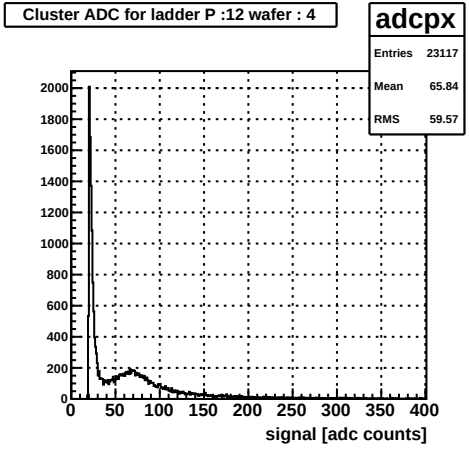

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 16878
Mean 91.57
RMS 64.62
signal [adc counts]

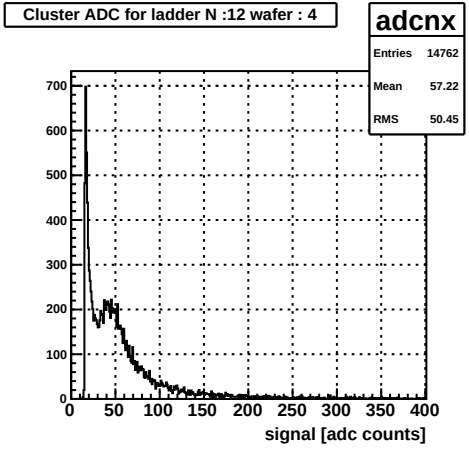

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 14941
Mean 62.8
RMS 53.06
signal [adc counts]

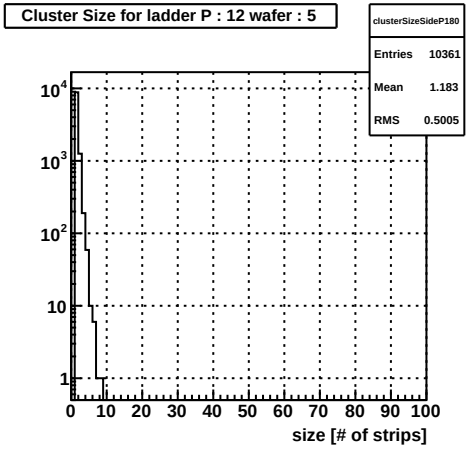

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 23117
Mean 1.3
RMS 0.6246
size [# of strips]

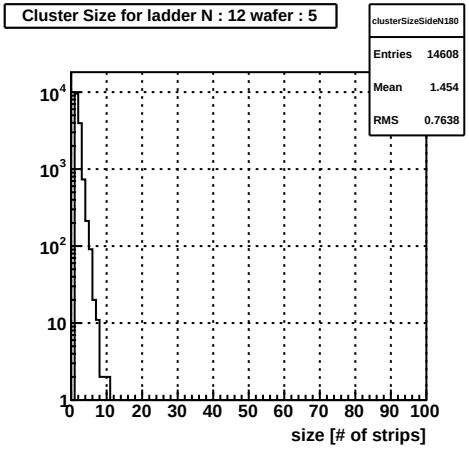

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 14762
Mean 1.471
RMS 0.7658
size [# of strips]

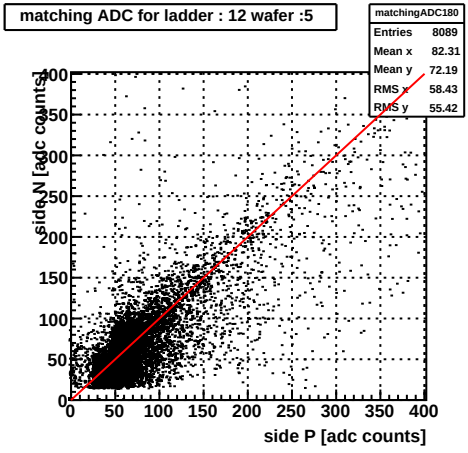

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 11364
Mean x 75.49
Mean y 58.53
RMS x 56.82
RMS y 48.3
side N [adc counts]
side P [adc counts]

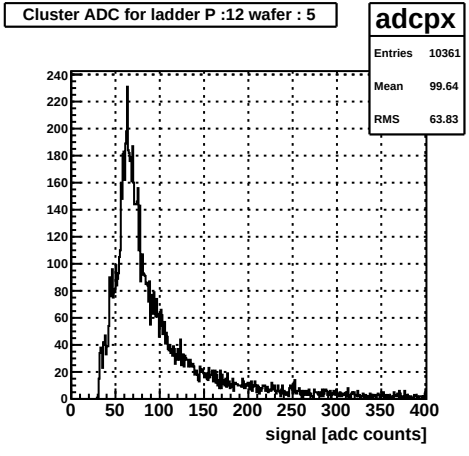

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 23117
Mean 65.84
RMS 59.57
signal [adc counts]

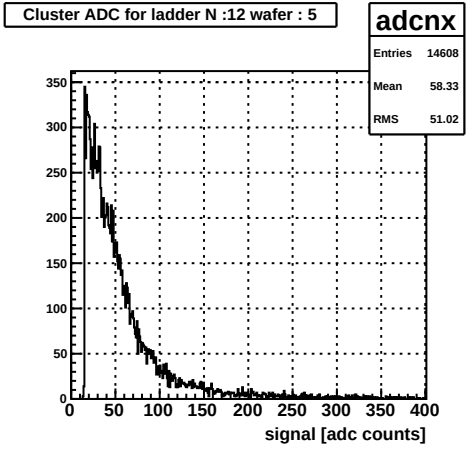

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 14762
Mean 57.22
RMS 50.45
signal [adc counts]

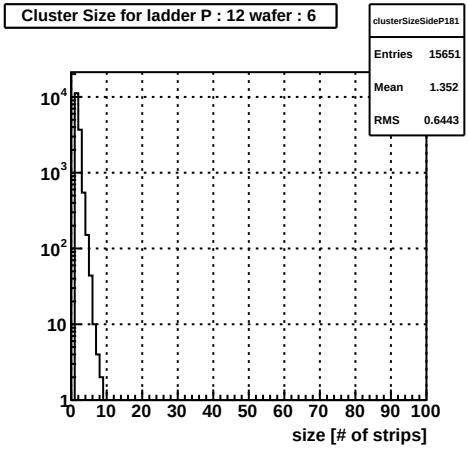

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 10361
Mean 1.183
RMS 0.5005
size [# of strips]

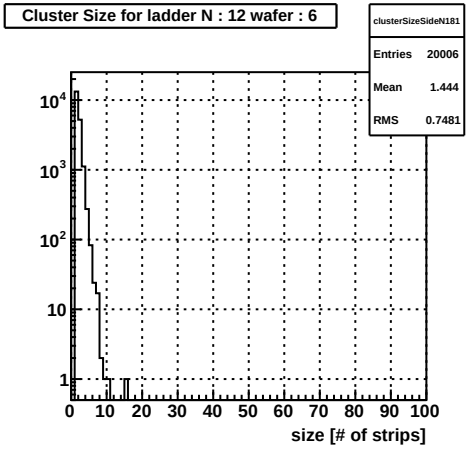

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 14608
Mean 1.454
RMS 0.7638
size [# of strips]

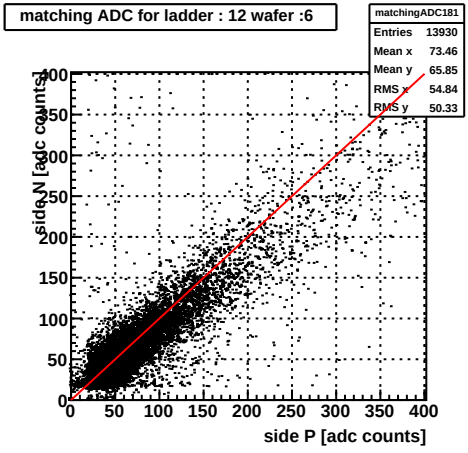

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 8089
Mean x 82.31
Mean y 72.19
RMS x 58.43
RMS y 55.42
side N [adc counts]
side P [adc counts]

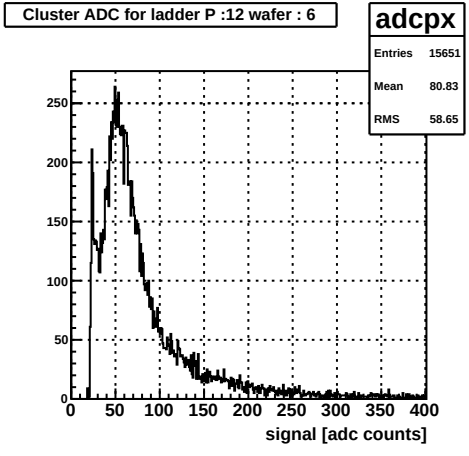

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 10361
Mean 99.64
RMS 63.83
signal [adc counts]

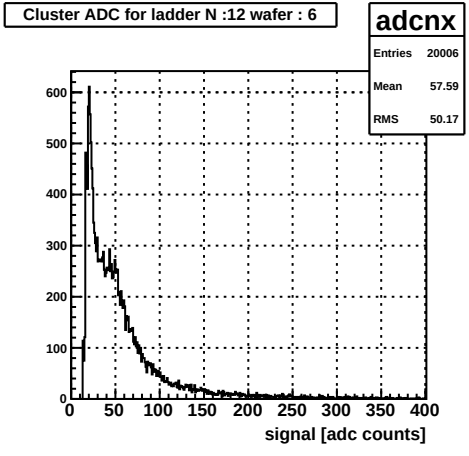

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 14608
Mean 58.33
RMS 51.02
signal [adc counts]

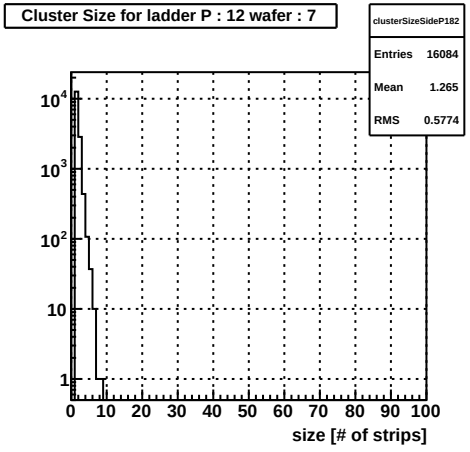

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 15651
Mean 1.352
RMS 0.6443
size [# of strips]

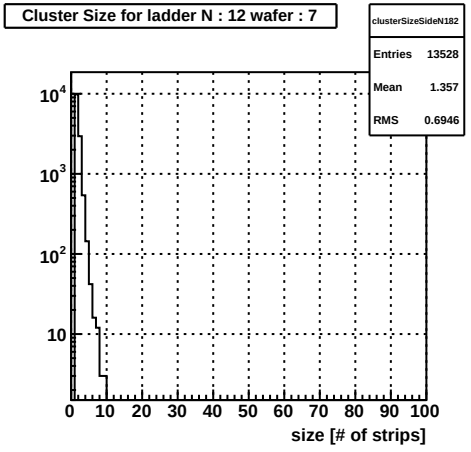

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 20006
Mean 1.444
RMS 0.7481
size [# of strips]

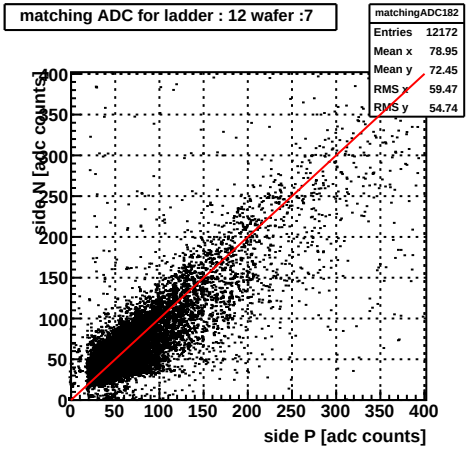

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 13930
Mean x 73.46
Mean y 65.85
RMS x 54.84
RMS y 50.33
side N [adc counts]
side P [adc counts]

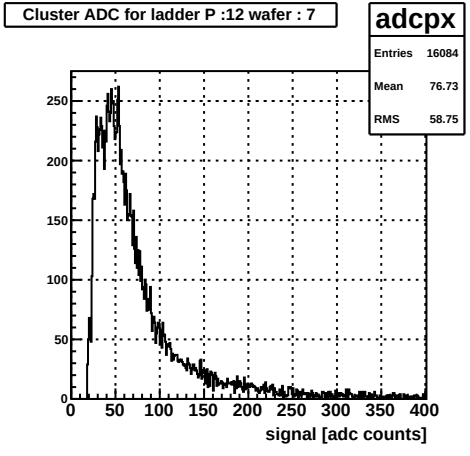

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 15651
Mean 80.83
RMS 58.65
signal [adc counts]

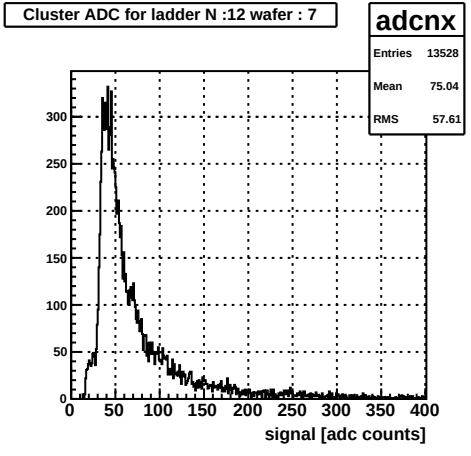

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 20006
Mean 57.59
RMS 50.17
signal [adc counts]

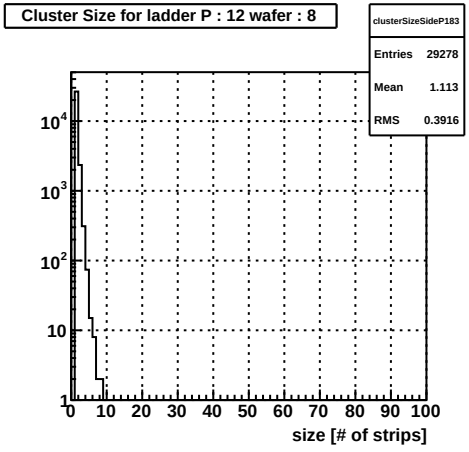

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 16084
Mean 1.265
RMS 0.5774
size [# of strips]

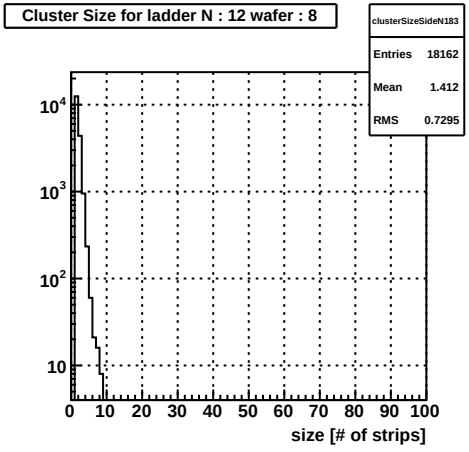

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 13528
Mean 1.357
RMS 0.6946
size [# of strips]

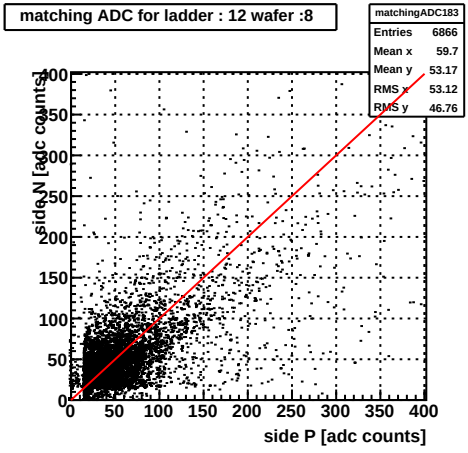

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 12172
Mean x 78.95
Mean y 72.45
RMS x 59.47
RMS y 54.74
side N [adc counts]
side P [adc counts]

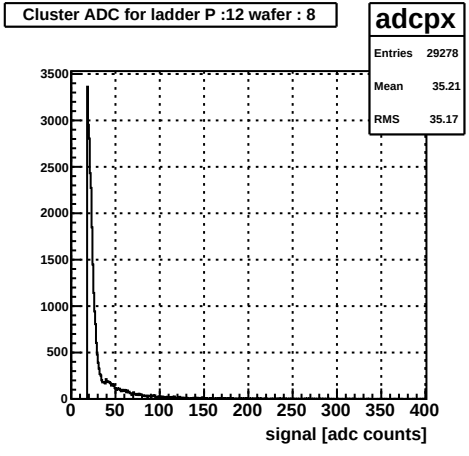

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 16084
Mean 76.73
RMS 58.75
signal [adc counts]

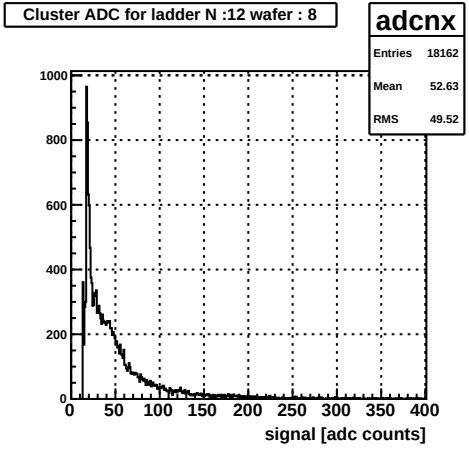

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 13528
Mean 75.04
RMS 57.61
signal [adc counts]

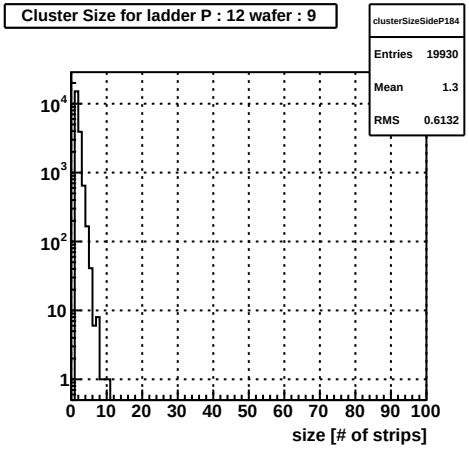

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 29278
Mean 1.113
RMS 0.3916
size [# of strips]

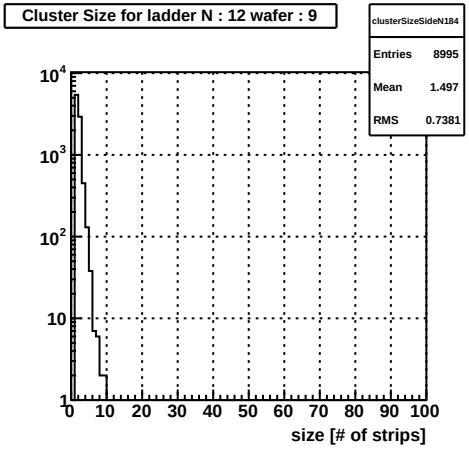

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 18162
Mean 1.412
RMS 0.7295
size [# of strips]

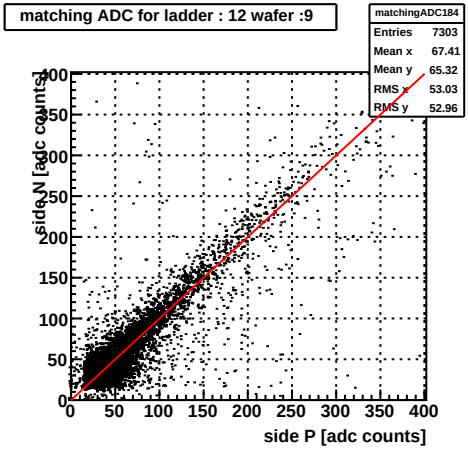

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 6866
Mean x 59.7
Mean y 53.17
RMS x 53.12
RMS y 46.76
side N [adc counts]
side P [adc counts]

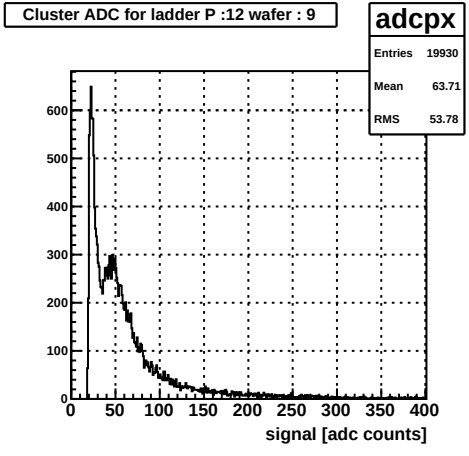

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 29278
Mean 35.21
RMS 35.17
signal [adc counts]

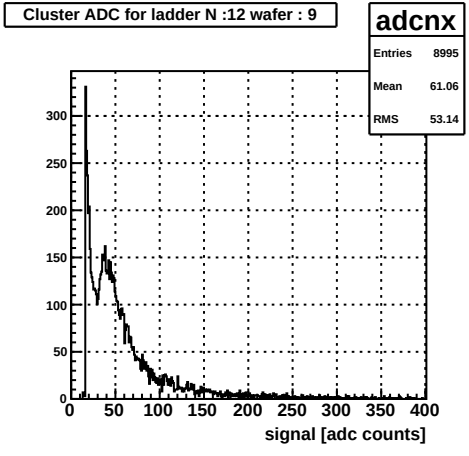

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 18162
Mean 52.63
RMS 49.52
signal [adc counts]

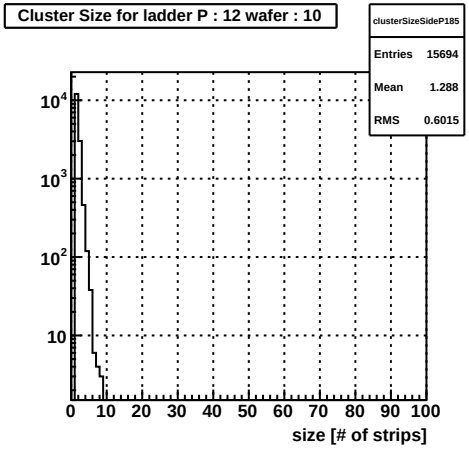

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 19930
Mean 1.3
RMS 0.6132
size [# of strips]

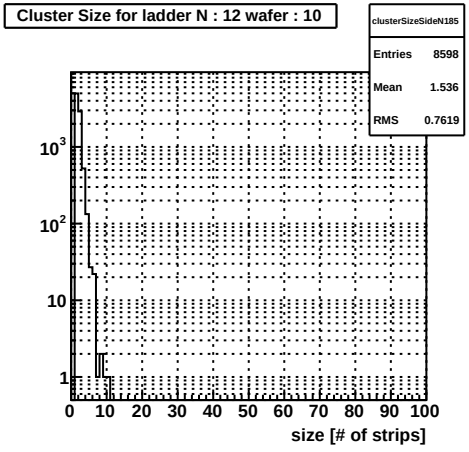

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 8995
Mean 1.497
RMS 0.7381
size [# of strips]

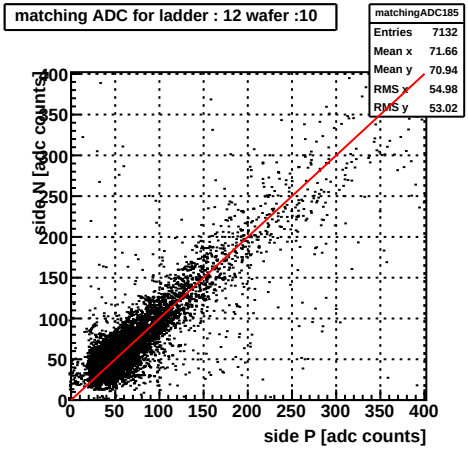

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 7303
Mean x 67.41
Mean y 65.32
RMS x 53.03
RMS y 52.96
side N [adc counts]
side P [adc counts]

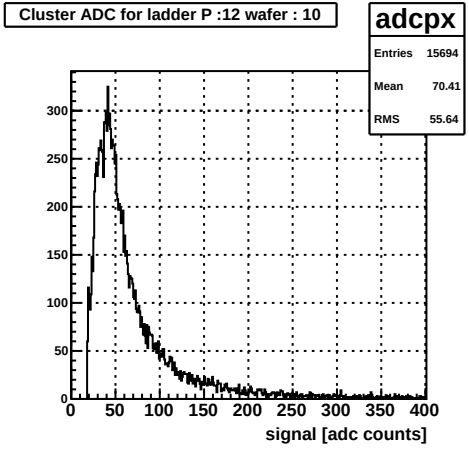

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 19930
Mean 63.71
RMS 53.78
signal [adc counts]

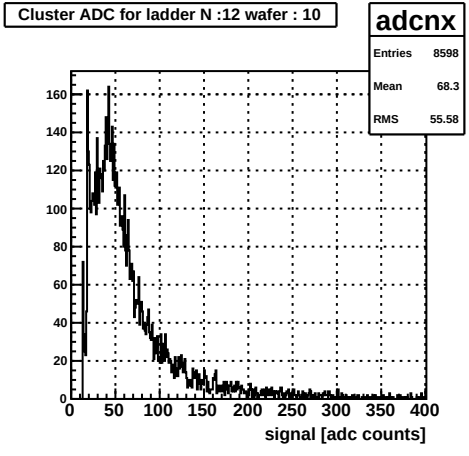

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 8995
Mean 61.06
RMS 53.14
signal [adc counts]

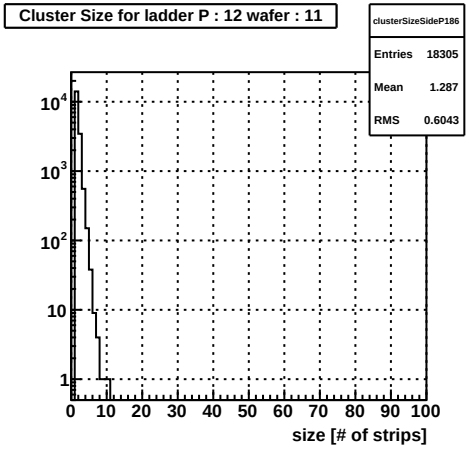

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 15694
Mean 1.288
RMS 0.6015
size [# of strips]

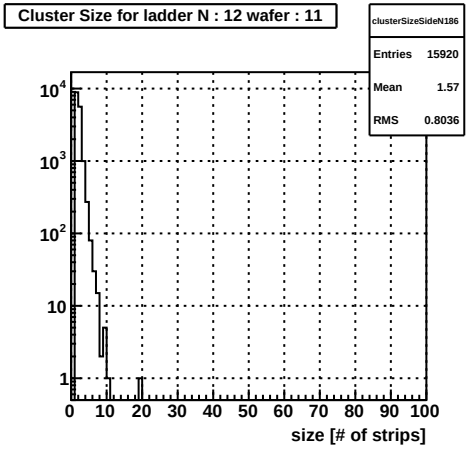

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 8598
Mean 1.536
RMS 0.7619
size [# of strips]

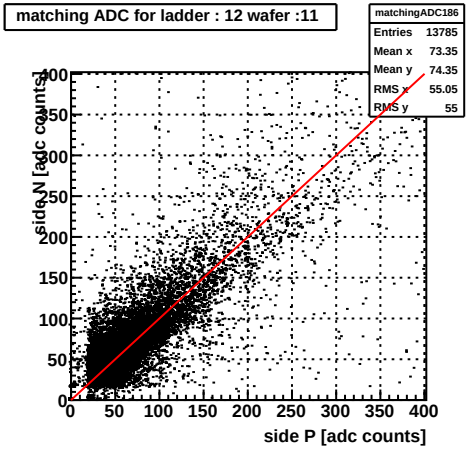

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 7132
Mean x 71.66
Mean y 70.94
RMS x 54.98
RMS y 53.02
side N [adc counts]
side P [adc counts]

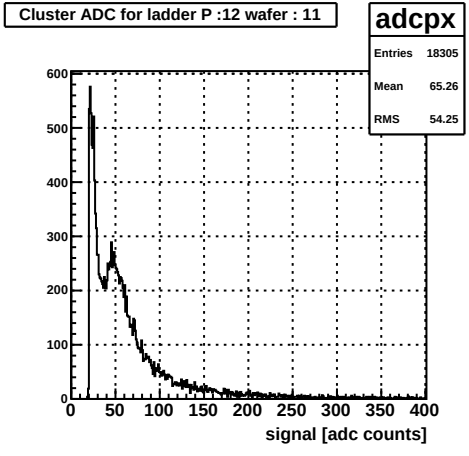

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 15694
Mean 70.41
RMS 55.64
signal [adc counts]

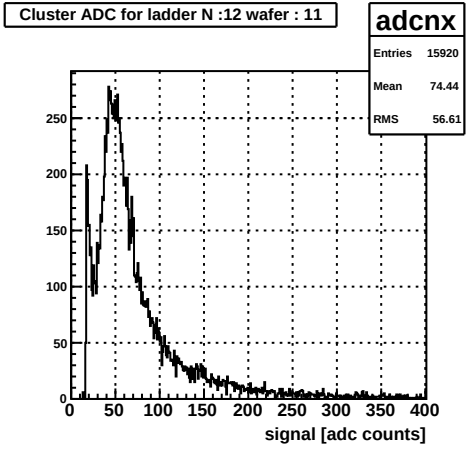

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 8598
Mean 68.3
RMS 55.58
signal [adc counts]

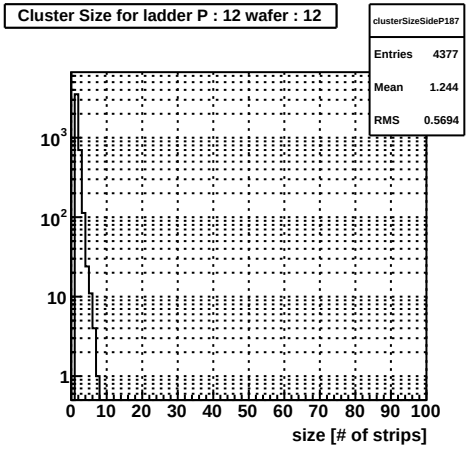

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 18305
Mean 1.287
RMS 0.6043
size [# of strips]

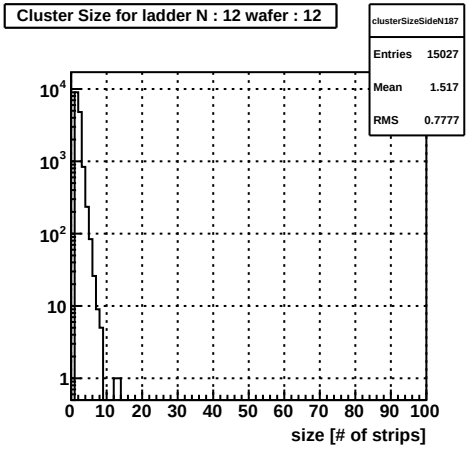

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15920
Mean 1.57
RMS 0.8036
size [# of strips]

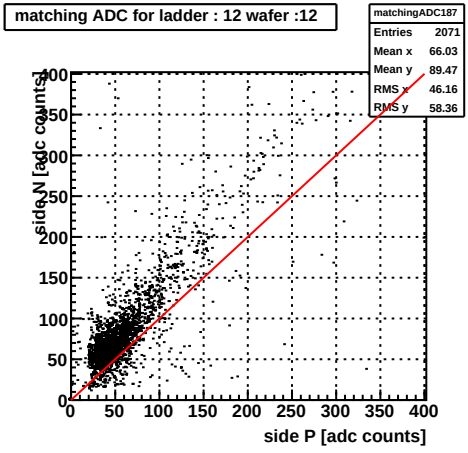

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 13785
Mean x 73.35
Mean y 74.35
RMS x 55.05
RMS y 55
side N [adc counts]
side P [adc counts]

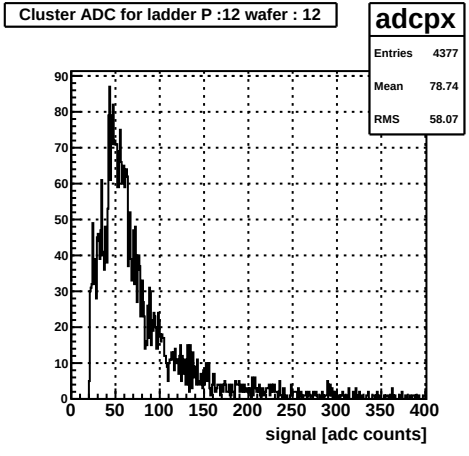

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 18305
Mean 65.26
RMS 54.25
signal [adc counts]

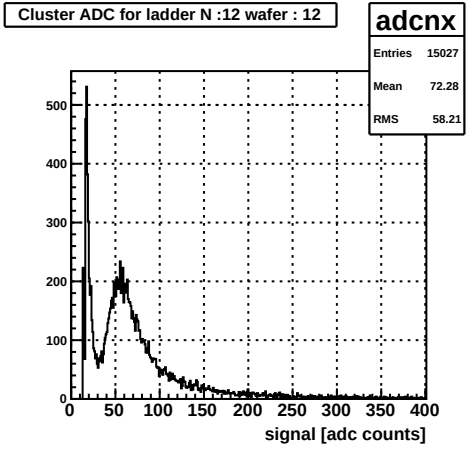

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15920
Mean 74.44
RMS 56.61
signal [adc counts]

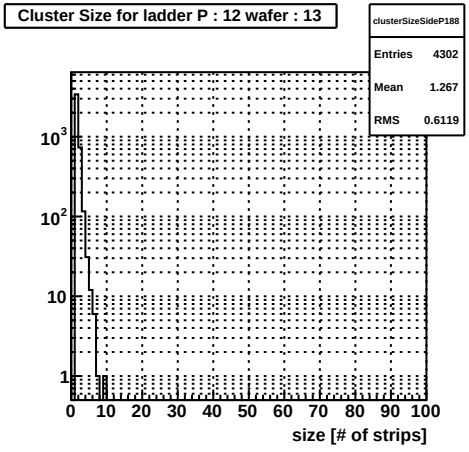

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 4377
Mean 1.244
RMS 0.5694
size [# of strips]

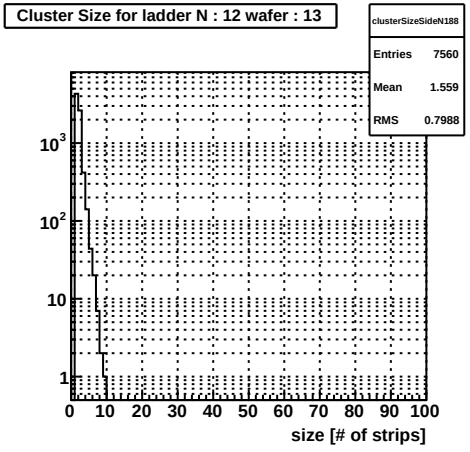

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 15027
Mean 1.517
RMS 0.7777
size [# of strips]

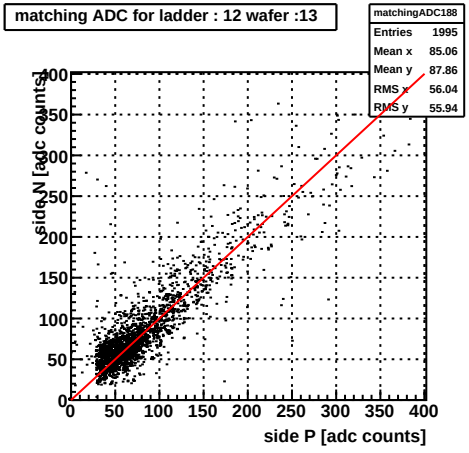

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2071
Mean x 66.03
Mean y 89.47
RMS x 46.16
RMS y 58.36
side N [adc counts]
side P [adc counts]

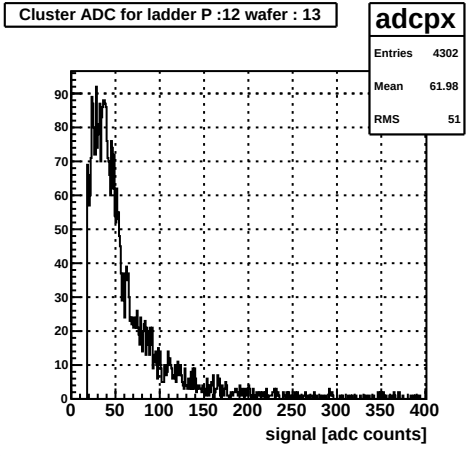

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 4377
Mean 78.74
RMS 58.07
signal [adc counts]

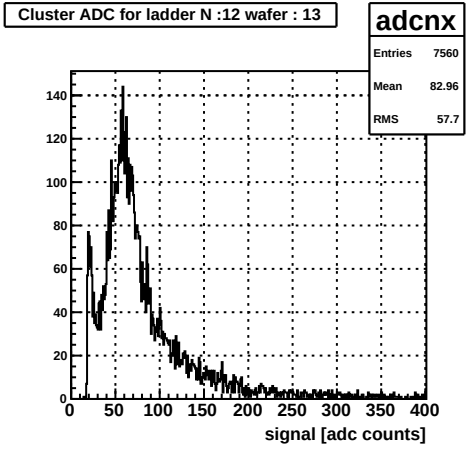

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 15027
Mean 72.28
RMS 58.21
signal [adc counts]

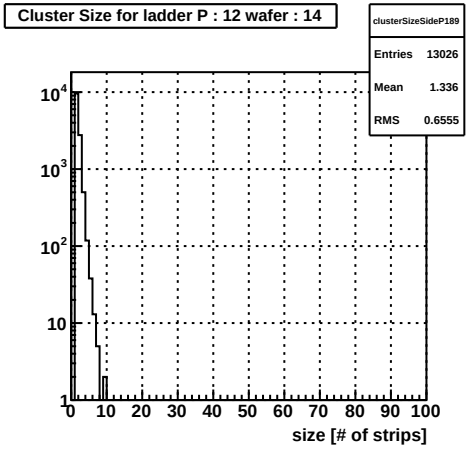

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4302
Mean 1.267
RMS 0.6119
size [# of strips]

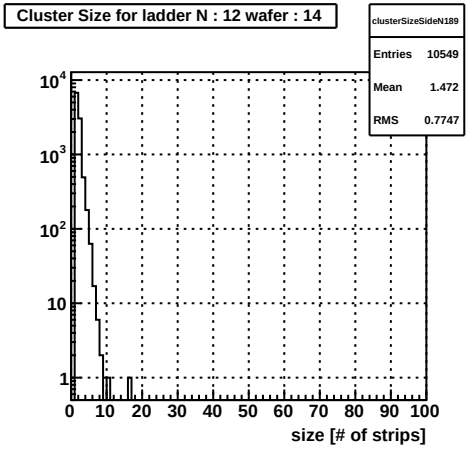

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7560
Mean 1.559
RMS 0.7988
size [# of strips]

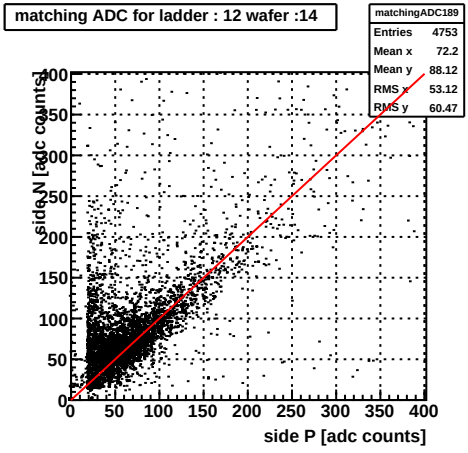

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1995
Mean x 85.06
Mean y 87.86
RMS x 56.04
RMS y 55.94
side N [adc counts]
side P [adc counts]

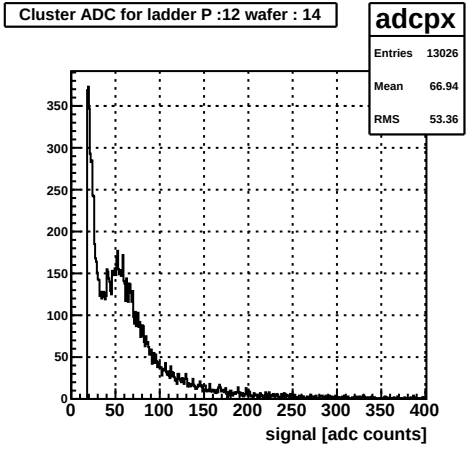

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4302
Mean 61.98
RMS 51
signal [adc counts]

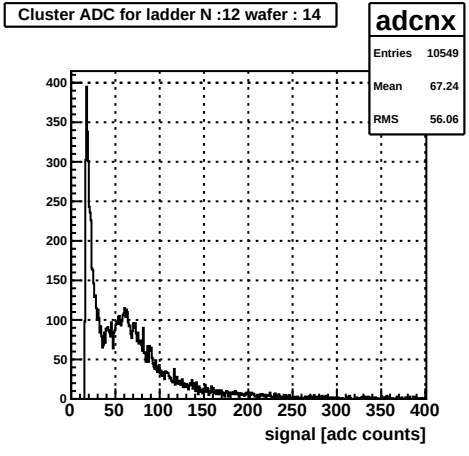

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7560
Mean 82.96
RMS 57.7
signal [adc counts]

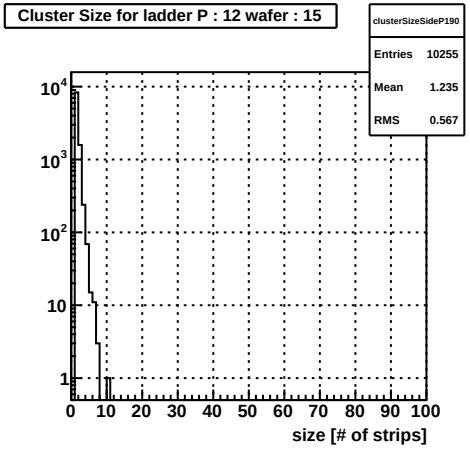

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 13026
Mean 1.336
RMS 0.6555
size [# of strips]

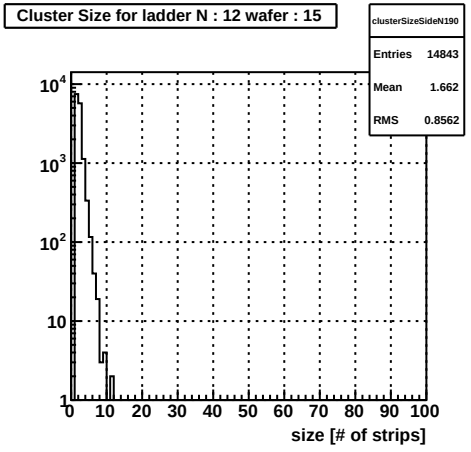

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 10549
Mean 1.472
RMS 0.7747
size [# of strips]

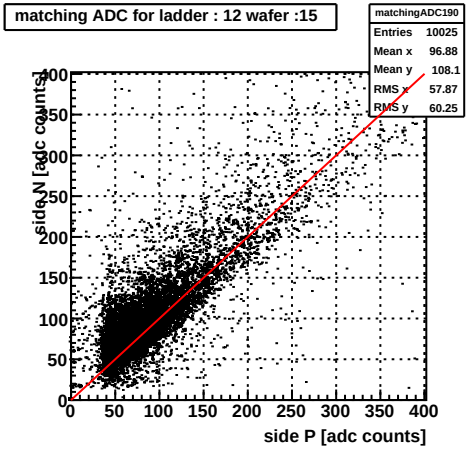

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4753
Mean x 72.2
Mean y 88.12
RMS x 53.12
RMS y 60.47
side N [adc counts]
side P [adc counts]

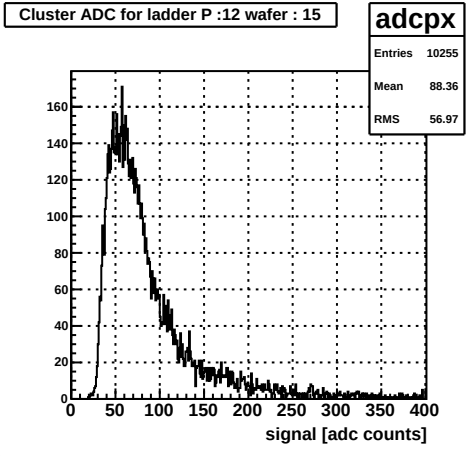

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 13026
Mean 66.94
RMS 53.36
signal [adc counts]

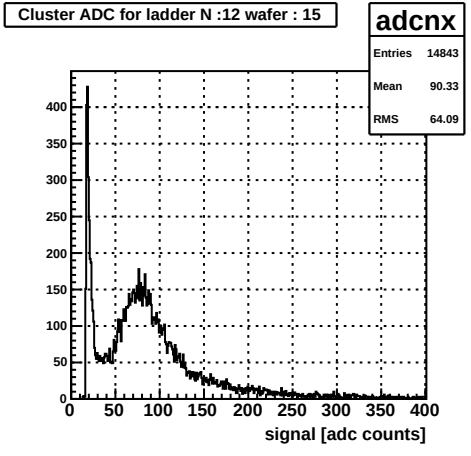

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 10549
Mean 67.24
RMS 56.06
signal [adc counts]

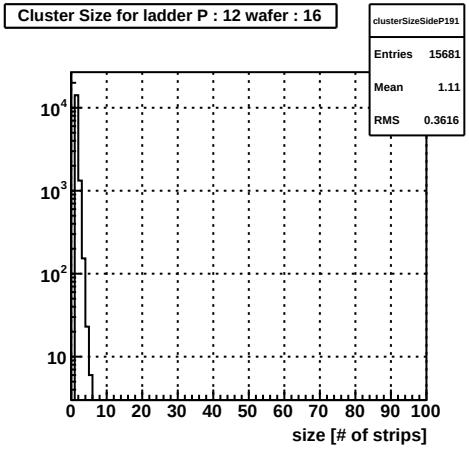

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 10255
Mean 1.235
RMS 0.567
size [# of strips]

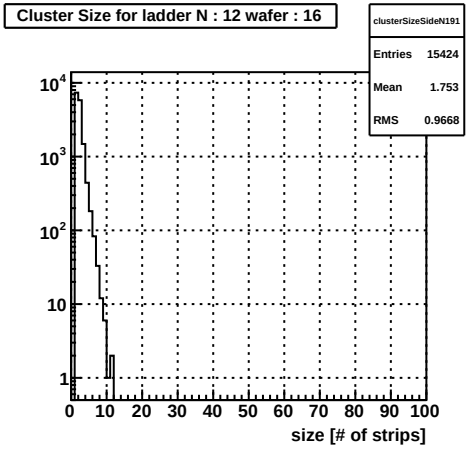

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 14843
Mean 1.662
RMS 0.8562
size [# of strips]

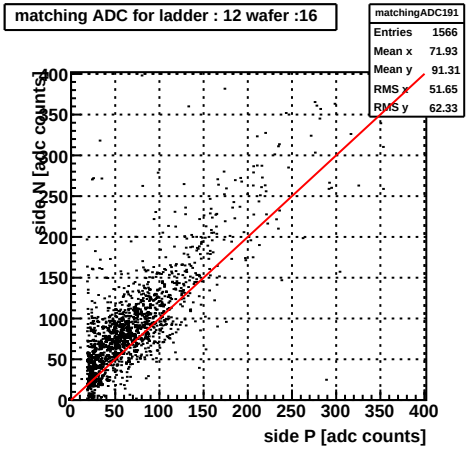

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 10025
Mean x 96.88
Mean y 108.1
RMS x 57.87
RMS y 60.25
side N [adc counts]
side P [adc counts]

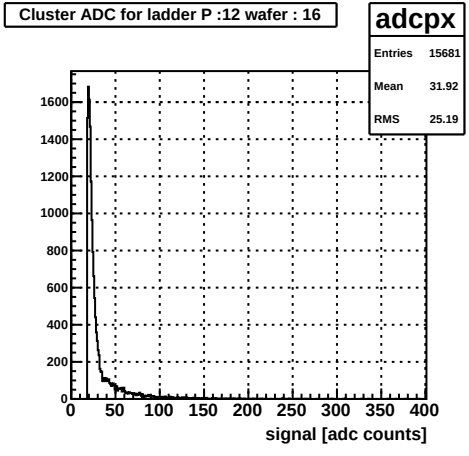

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 10255
Mean 88.36
RMS 56.97
signal [adc counts]

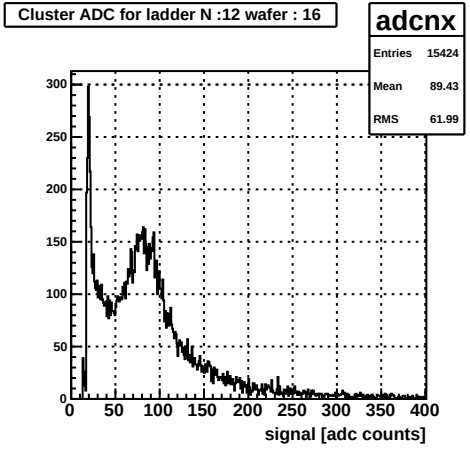

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 14843
Mean 90.33
RMS 64.09
signal [adc counts]

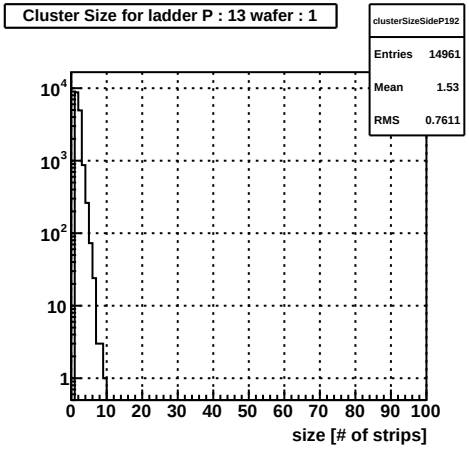

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 15681
Mean 1.11
RMS 0.3616
size [# of strips]

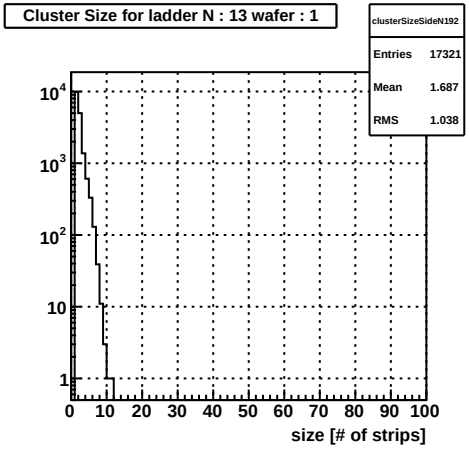

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15424
Mean 1.753
RMS 0.9668
size [# of strips]

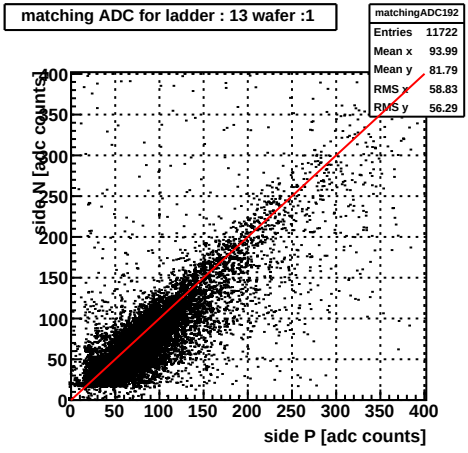

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1566
Mean x 71.93
Mean y 91.31
RMS x 51.65
RMS y 62.33
side N [adc counts]
side P [adc counts]

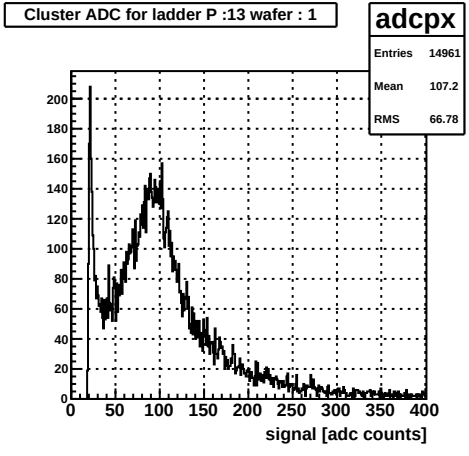

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 15681
Mean 31.92
RMS 25.19
signal [adc counts]

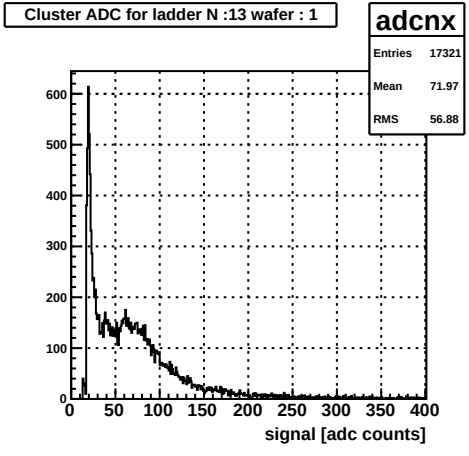

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15424
Mean 89.43
RMS 61.99
signal [adc counts]

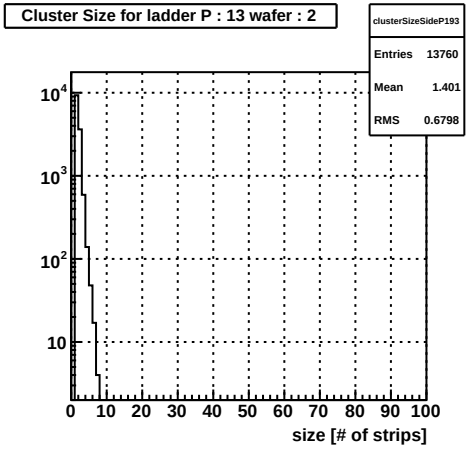

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 14961
Mean 1.53
RMS 0.7611
size [# of strips]

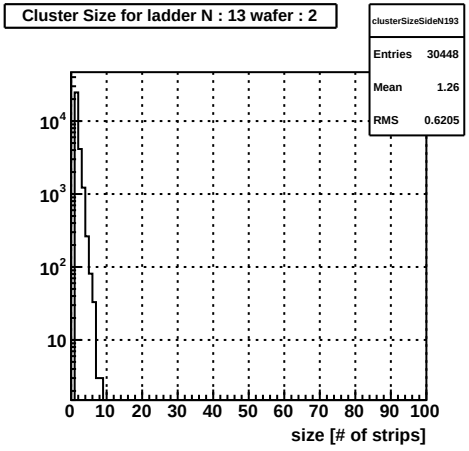

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 17321
Mean 1.687
RMS 1.038
size [# of strips]

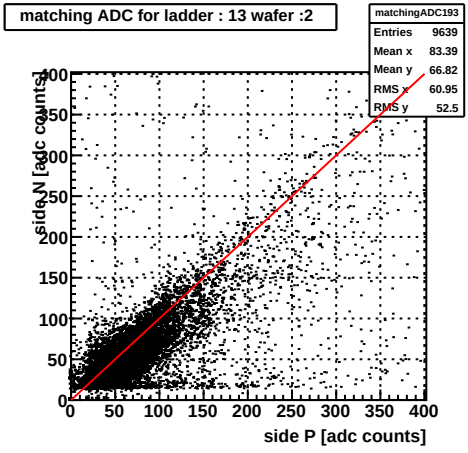

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 11722
Mean x 93.99
Mean y 81.79
RMS x 58.83
RMS y 56.29
side N [adc counts]
side P [adc counts]

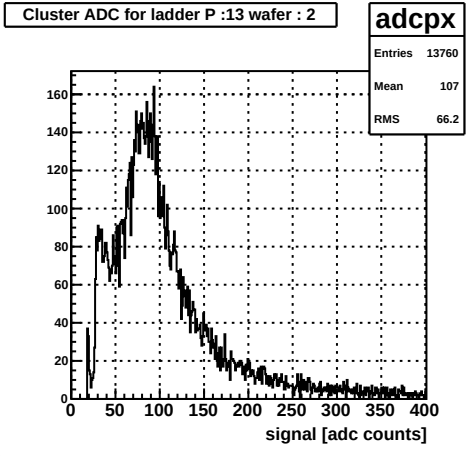

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 14961
Mean 107.2
RMS 66.78
signal [adc counts]

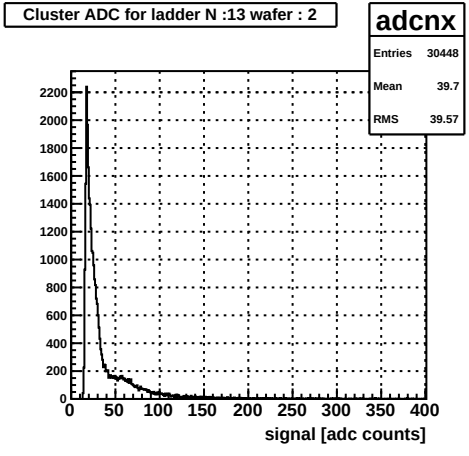

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 17321
Mean 71.97
RMS 56.88
signal [adc counts]

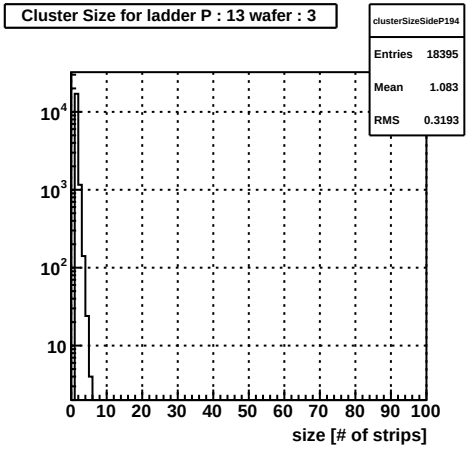

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 13760
Mean 1.401
RMS 0.6798
size [# of strips]

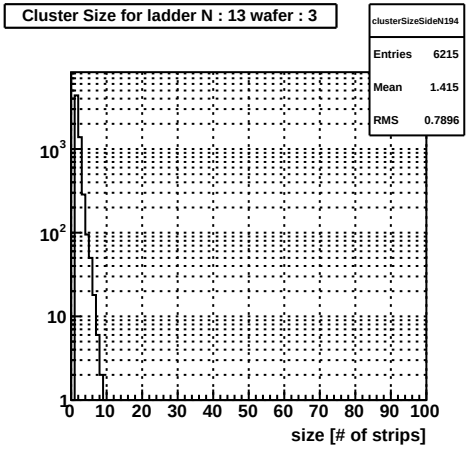

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 30448
Mean 1.26
RMS 0.6205
size [# of strips]

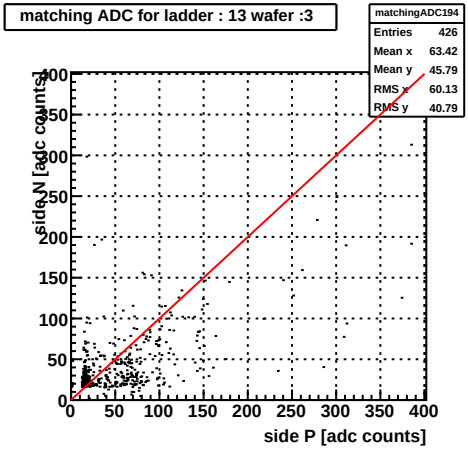

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 9639
Mean x 83.39
Mean y 66.82
RMS x 60.95
RMS y 52.5
side N [adc counts]
side P [adc counts]

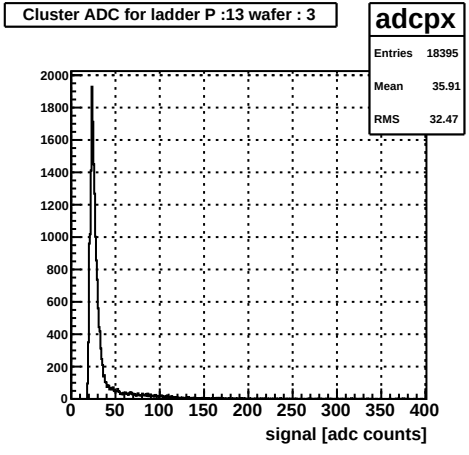

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 13760
Mean 107
RMS 66.2
signal [adc counts]

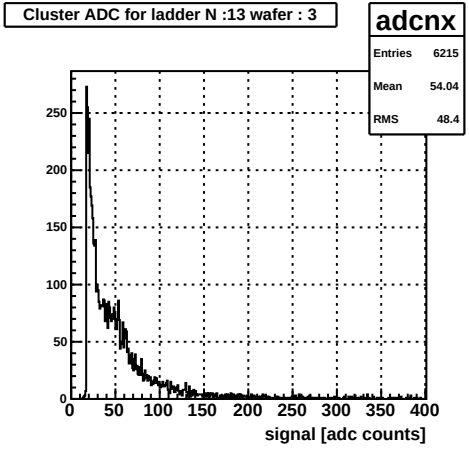

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 30448
Mean 39.7
RMS 39.57
signal [adc counts]

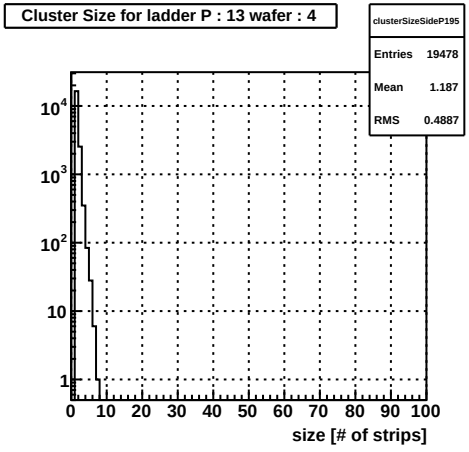

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 18395
Mean 1.083
RMS 0.3193
size [# of strips]

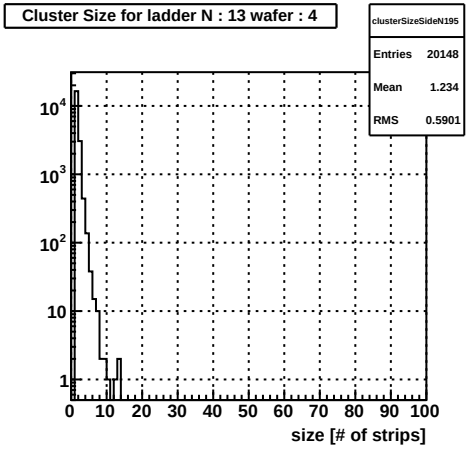

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 6215
Mean 1.415
RMS 0.7896
size [# of strips]

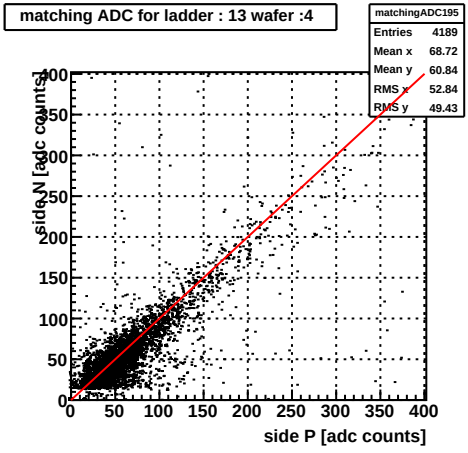

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 426
Mean x 63.42
Mean y 45.79
RMS x 60.13
RMS y 40.79
side N [adc counts]
side P [adc counts]

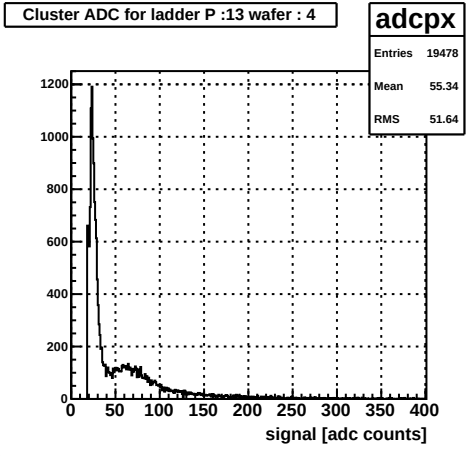

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 18395
Mean 35.91
RMS 32.47
signal [adc counts]

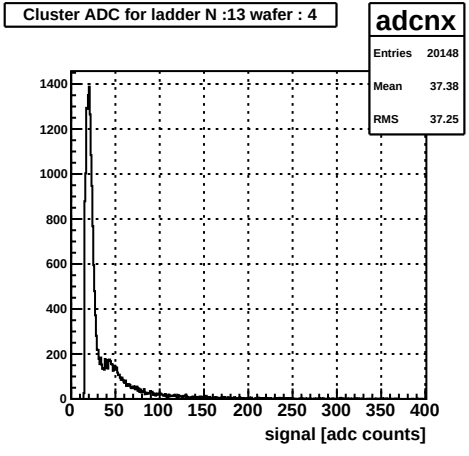

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 6215
Mean 54.04
RMS 48.4
signal [adc counts]

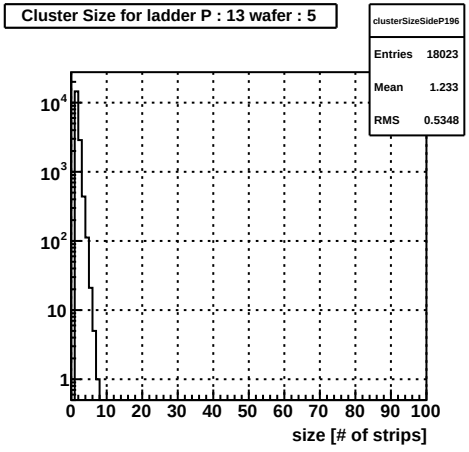

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 19478
Mean 1.187
RMS 0.4887
size [# of strips]

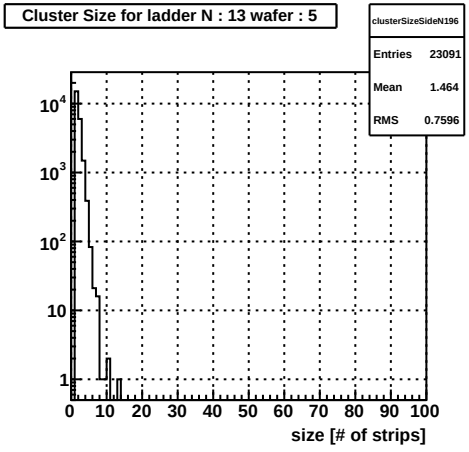

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 20148
Mean 1.234
RMS 0.5901
size [# of strips]

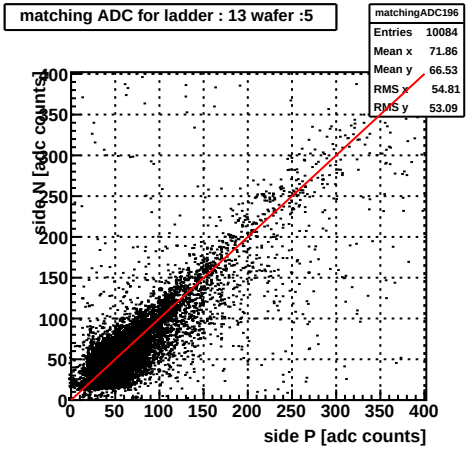

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4189
Mean x 68.72
Mean y 60.84
RMS x 52.84
RMS y 49.43
side N [adc counts]
side P [adc counts]

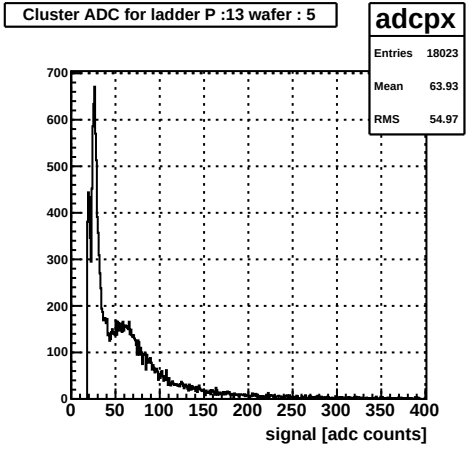

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 19478
Mean 55.34
RMS 51.64
signal [adc counts]

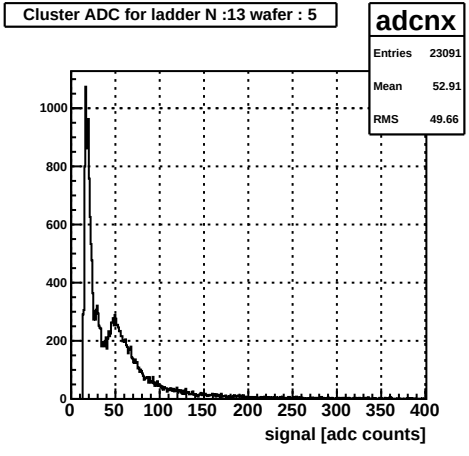

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 20148
Mean 37.38
RMS 37.25
signal [adc counts]

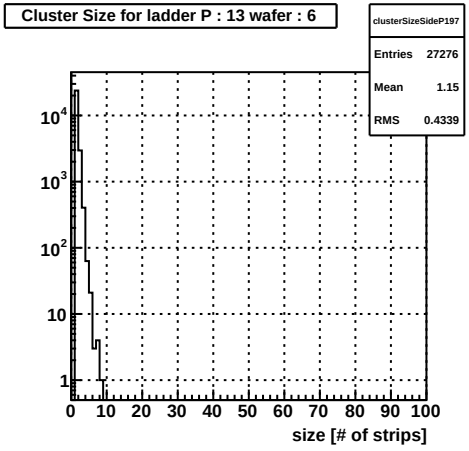

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 18023
Mean 1.233
RMS 0.5348
size [# of strips]

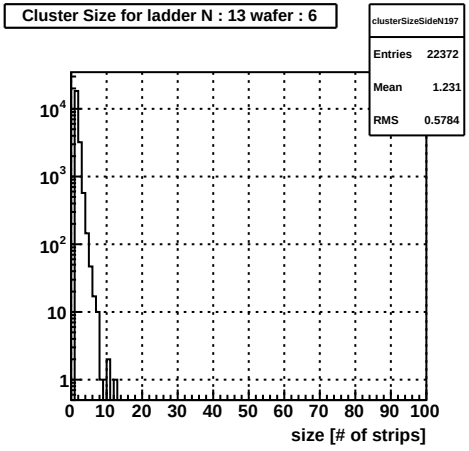

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 23091
Mean 1.464
RMS 0.7596
size [# of strips]

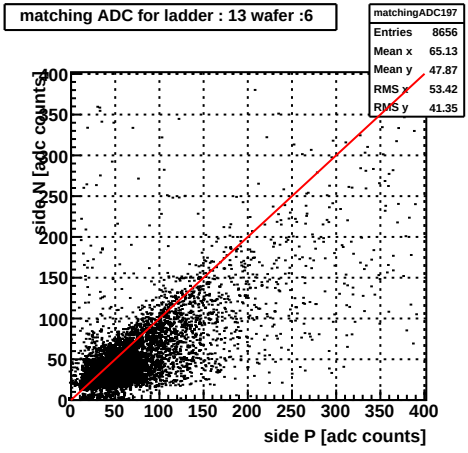

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 10084
Mean x 71.86
Mean y 66.53
RMS x 54.81
RMS y 53.09
side N [adc counts]
side P [adc counts]

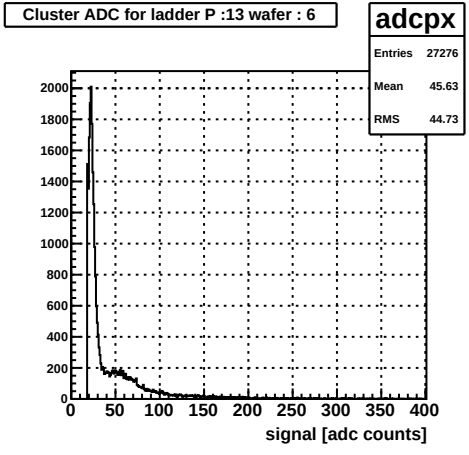

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 18023
Mean 63.93
RMS 54.97
signal [adc counts]

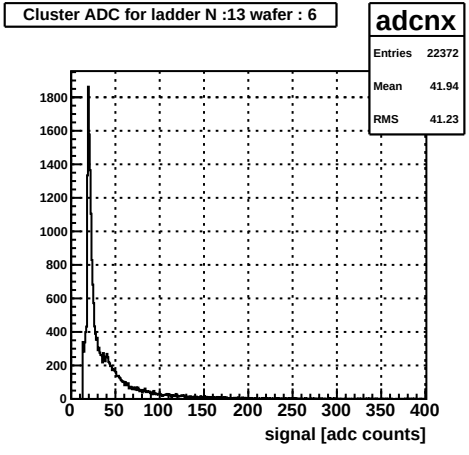

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 23091
Mean 52.91
RMS 49.66
signal [adc counts]

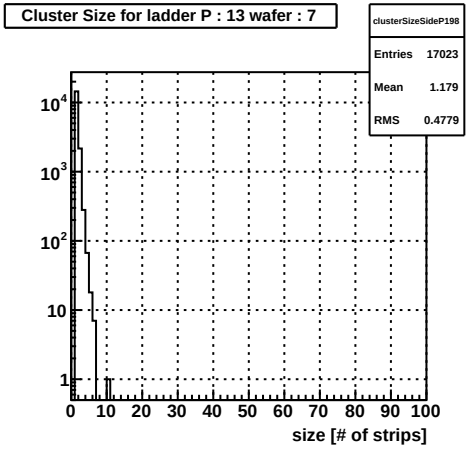

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 27276
Mean 1.15
RMS 0.4339
size [# of strips]

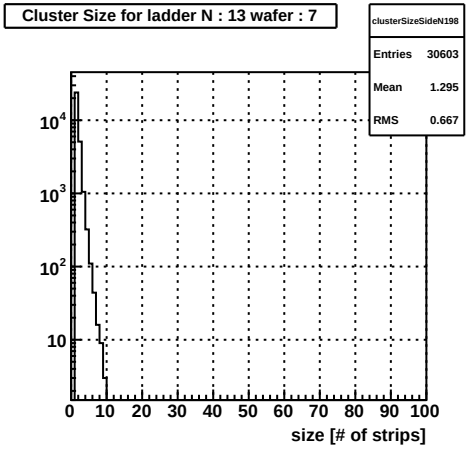

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 22372
Mean 1.231
RMS 0.5784
size [# of strips]

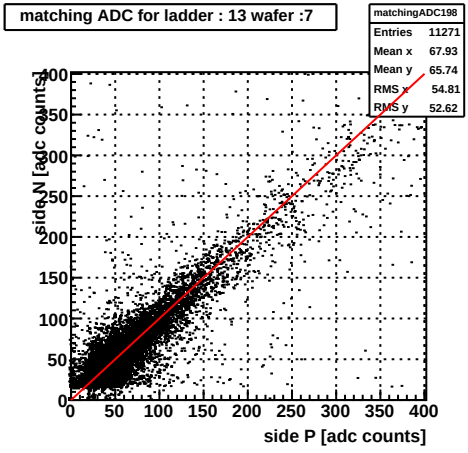

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 8656
Mean x 65.13
Mean y 47.87
RMS x 53.42
RMS y 41.35
side N [adc counts]
side P [adc counts]

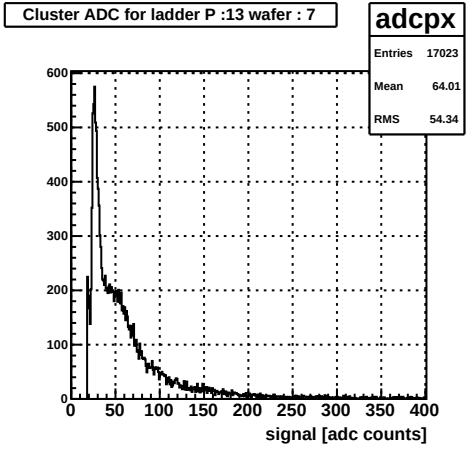

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 27276
Mean 45.63
RMS 44.73
signal [adc counts]

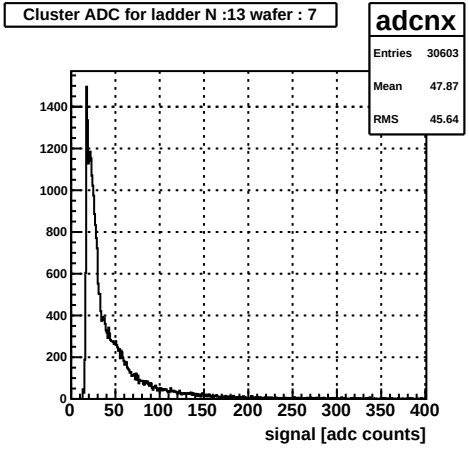

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 22372
Mean 41.94
RMS 41.23
signal [adc counts]

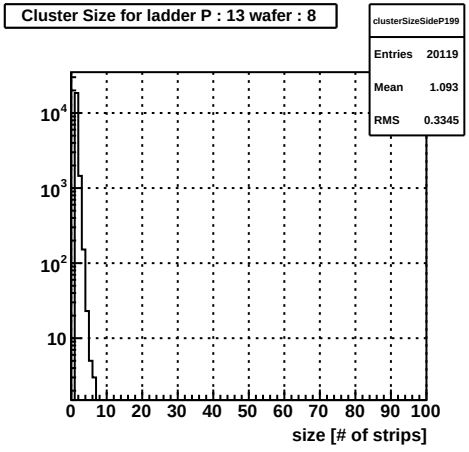

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 17023
Mean 1.179
RMS 0.4779
size [# of strips]

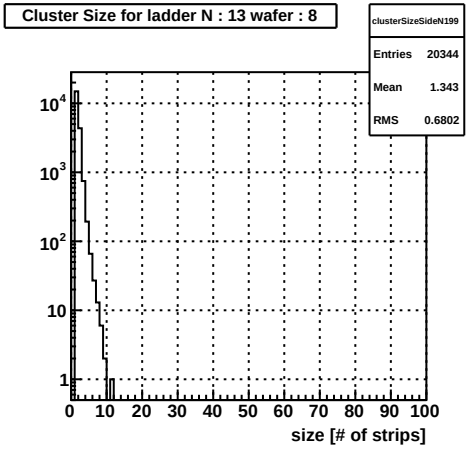

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 30603
Mean 1.295
RMS 0.667
size [# of strips]

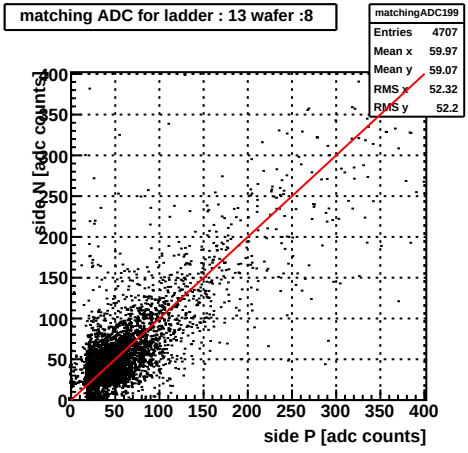

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 11271
Mean x 67.93
Mean y 65.74
RMS x 54.81
RMS y 52.62
side N [adc counts]
side P [adc counts]

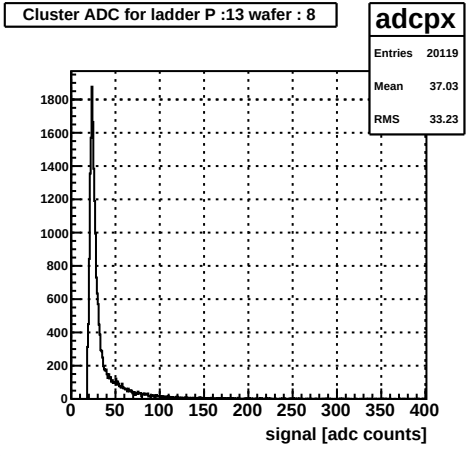

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 17023
Mean 64.01
RMS 54.34
signal [adc counts]

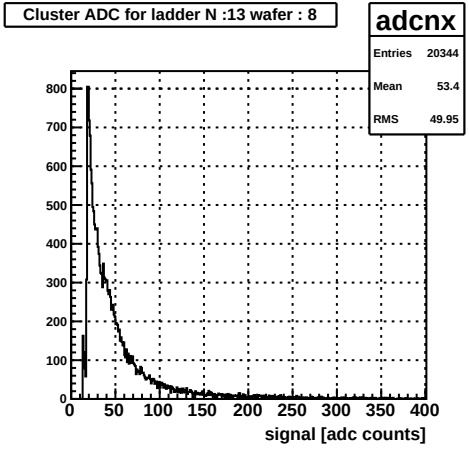

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 30603
Mean 47.87
RMS 45.64
signal [adc counts]

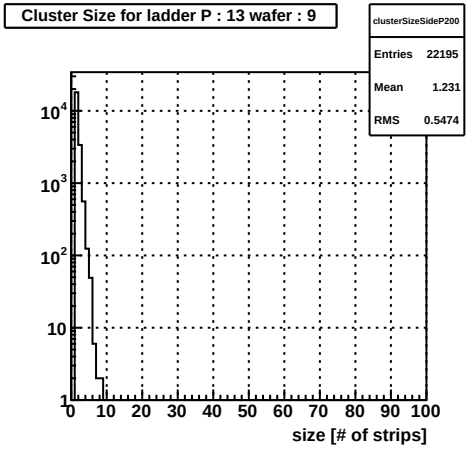

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 20119
Mean 1.093
RMS 0.3345
size [# of strips]

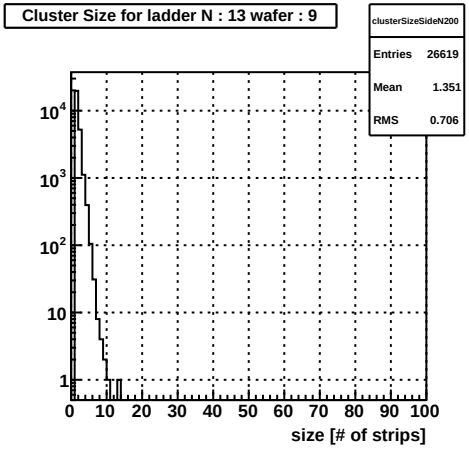

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 20344
Mean 1.343
RMS 0.6802
size [# of strips]

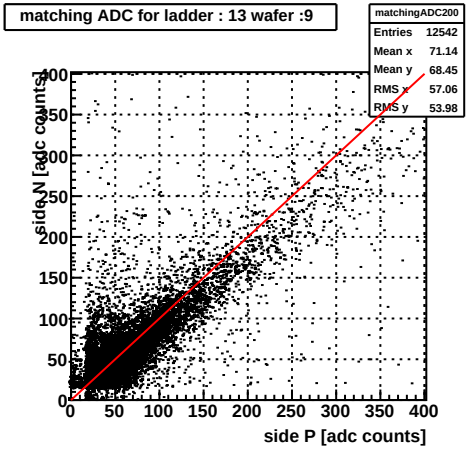

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4707
Mean x 59.97
Mean y 59.07
RMS x 52.32
RMS y 52.2
side N [adc counts]
side P [adc counts]

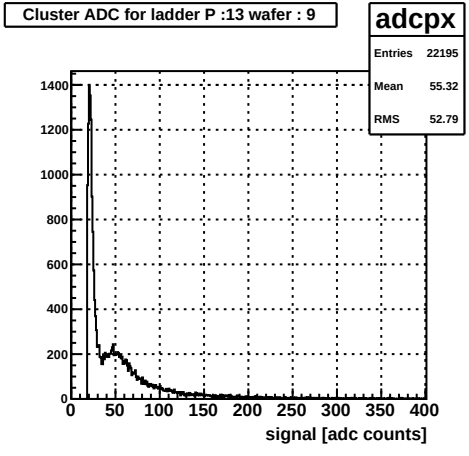

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 20119
Mean 37.03
RMS 33.23
signal [adc counts]

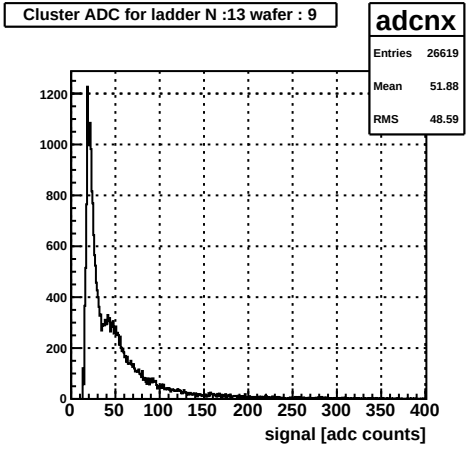

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 20344
Mean 53.4
RMS 49.95
signal [adc counts]

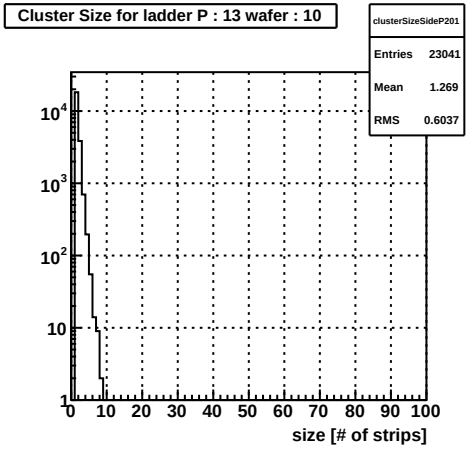

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 22195
Mean 1.231
RMS 0.5474
size [# of strips]

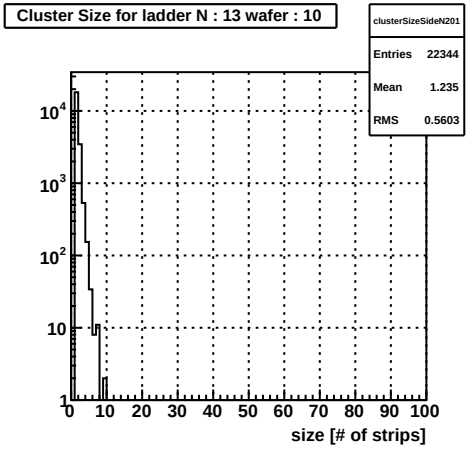

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 26619
Mean 1.351
RMS 0.706
size [# of strips]

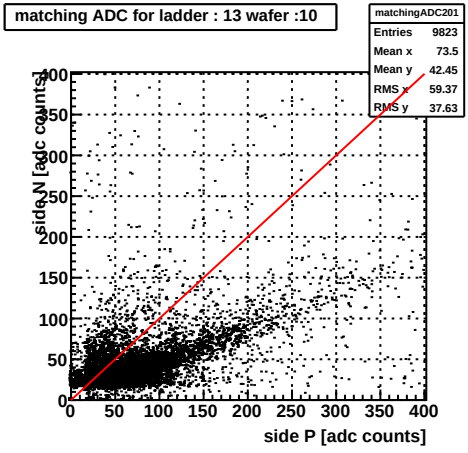

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 12542
Mean x 71.14
Mean y 68.45
RMS x 57.06
RMS y 53.98
side N [adc counts]
side P [adc counts]

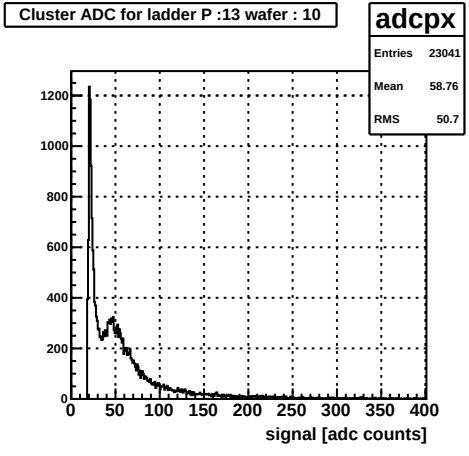

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 22195
Mean 55.32
RMS 52.79
signal [adc counts]

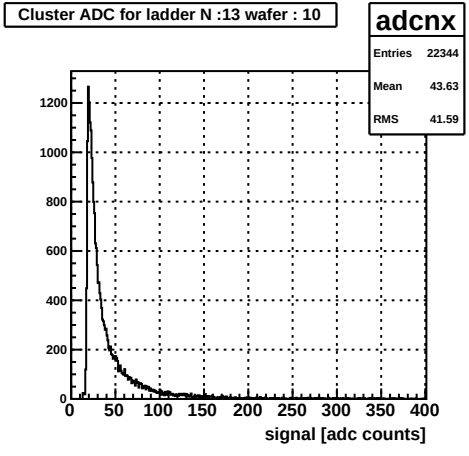

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 26619
Mean 51.88
RMS 48.59
signal [adc counts]

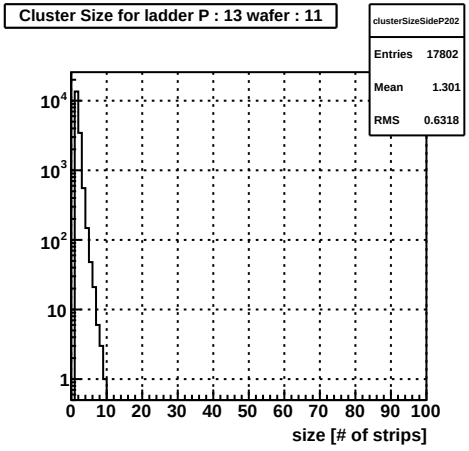

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 23041
Mean 1.269
RMS 0.6037
size [# of strips]

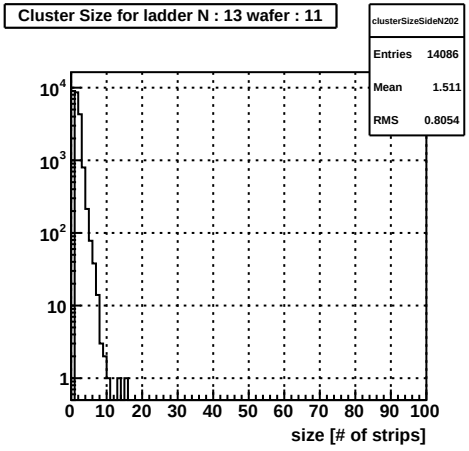

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 22344
Mean 1.235
RMS 0.5603
size [# of strips]

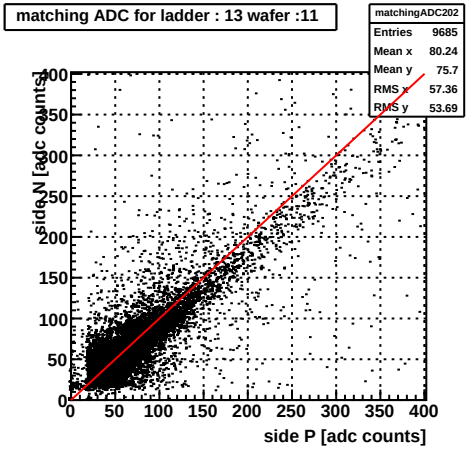

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 9823
Mean x 73.5
Mean y 42.45
RMS x 59.37
RMS y 37.63
side N [adc counts]
side P [adc counts]

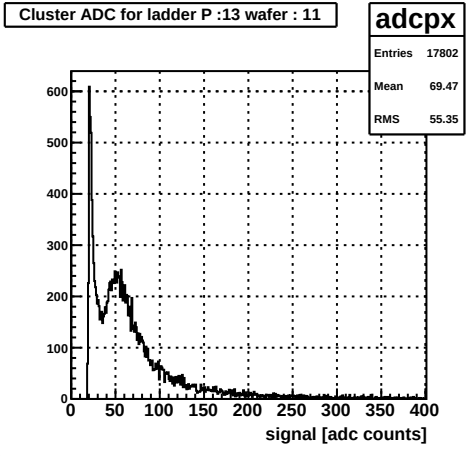

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 23041
Mean 58.76
RMS 50.7
signal [adc counts]

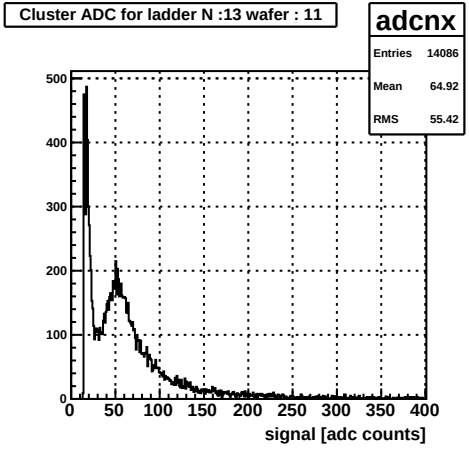

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 22344
Mean 43.63
RMS 41.59
signal [adc counts]

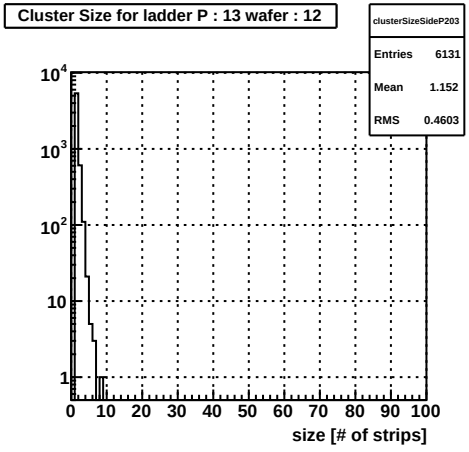

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 17802
Mean 1.301
RMS 0.6318
size [# of strips]

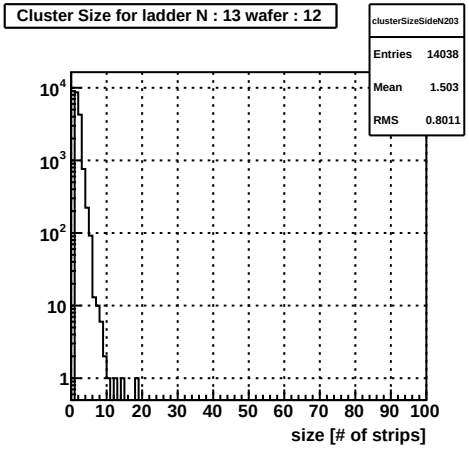

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 14086
Mean 1.511
RMS 0.8054
size [# of strips]

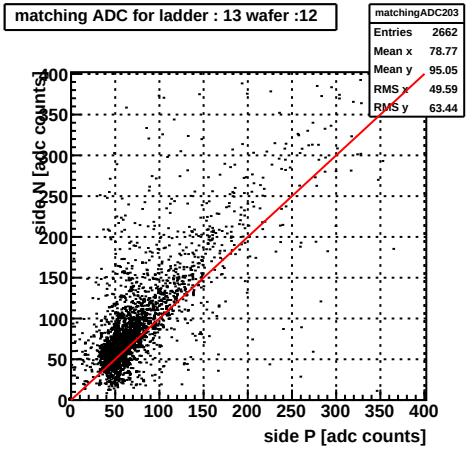

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9685
Mean x 80.24
Mean y 75.7
RMS x 57.36
RMS y 53.69
side N [adc counts]
side P [adc counts]

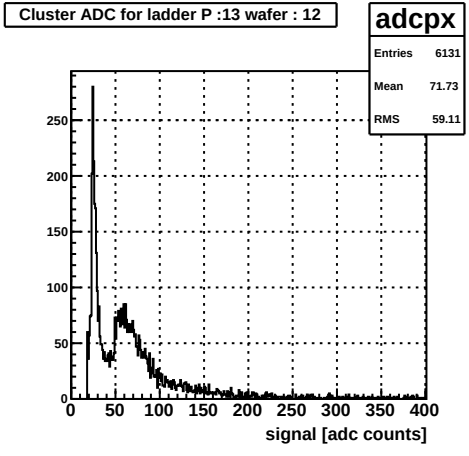

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 17802
Mean 69.47
RMS 55.35
signal [adc counts]

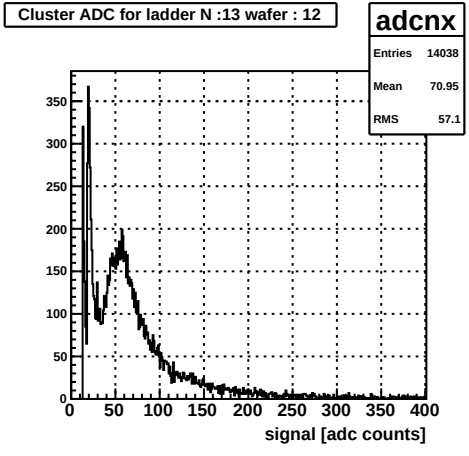

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 14086
Mean 64.92
RMS 55.42
signal [adc counts]

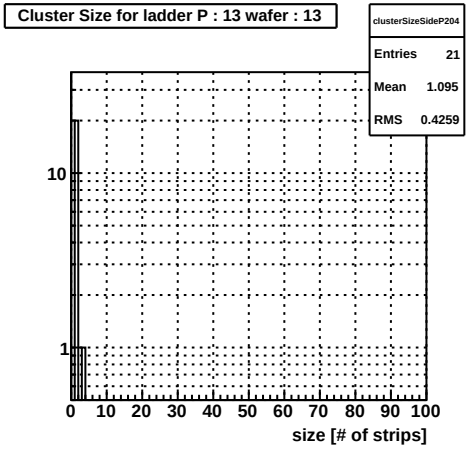

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6131
Mean 1.152
RMS 0.4603
size [# of strips]

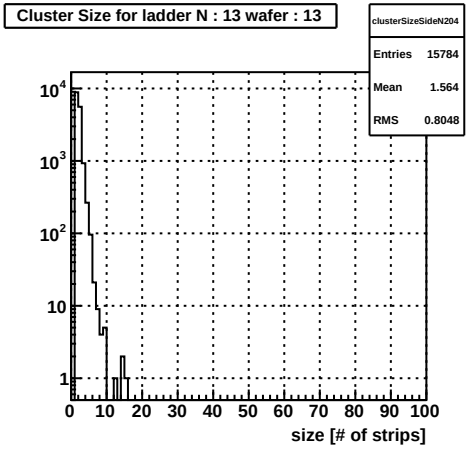

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 14038
Mean 1.503
RMS 0.8011
size [# of strips]

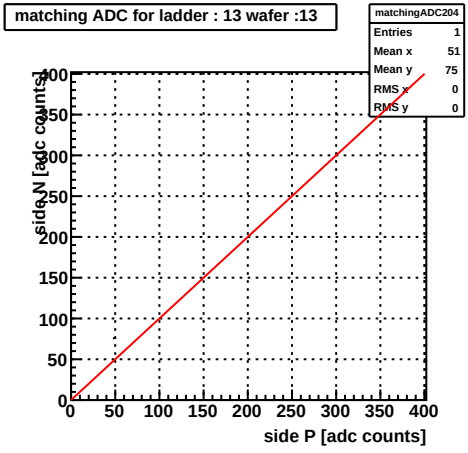

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2662
Mean x 78.77
Mean y 95.05
RMS x 49.59
RMS y 63.44
side N [adc counts]
side P [adc counts]

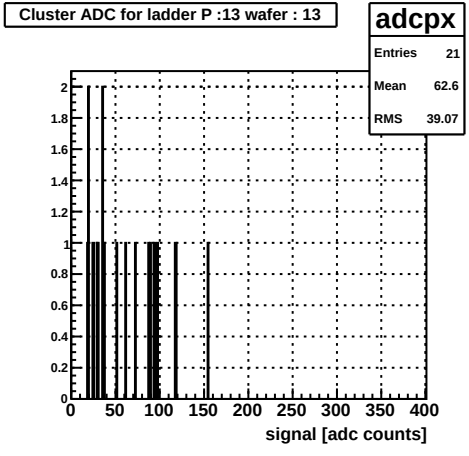

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6131
Mean 71.73
RMS 59.11
signal [adc counts]

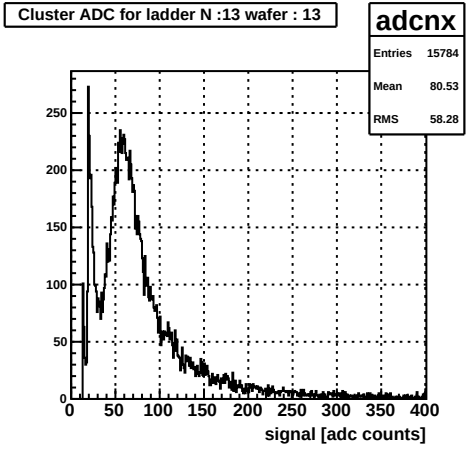

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 14038
Mean 70.95
RMS 57.1
signal [adc counts]

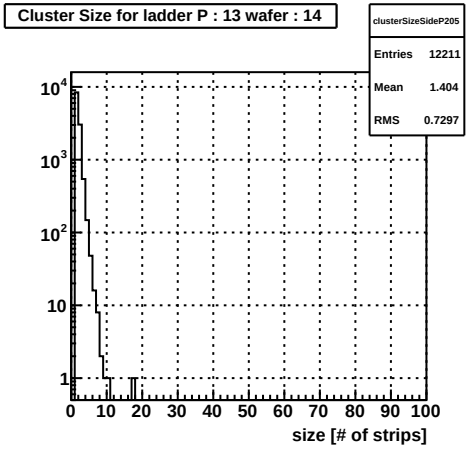

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 21
Mean 1.095
RMS 0.4259
size [# of strips]

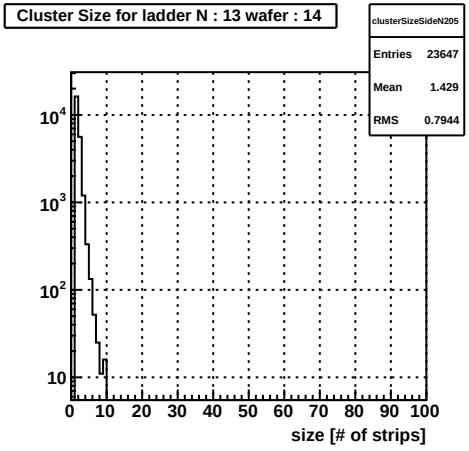

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 15784
Mean 1.564
RMS 0.8048
size [# of strips]

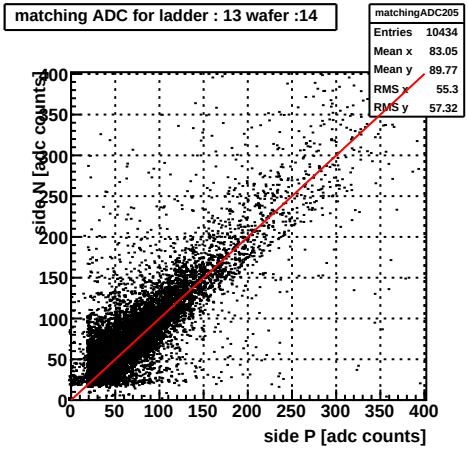

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 51
Mean y 75
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

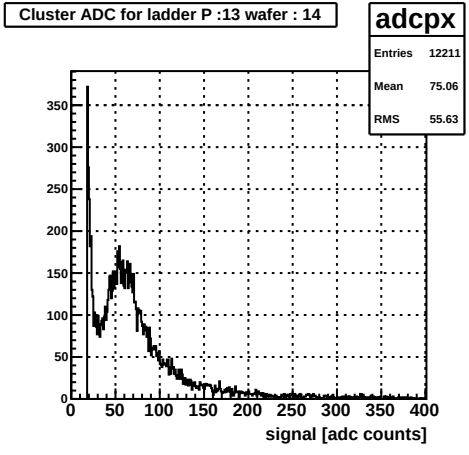

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 21
Mean 62.6
RMS 39.07
signal [adc counts]

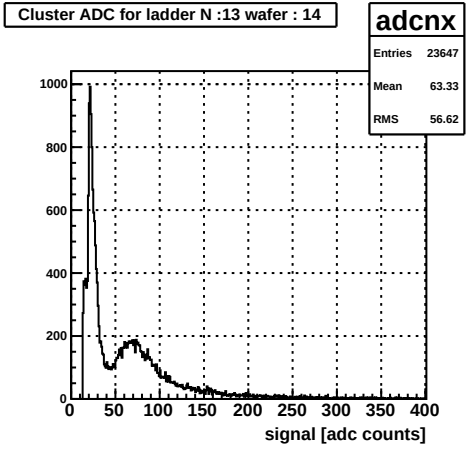

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 15784
Mean 80.53
RMS 58.28
signal [adc counts]

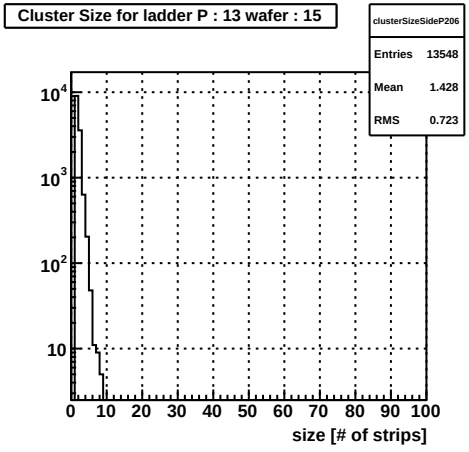

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 12211
Mean 1.404
RMS 0.7297
size [# of strips]

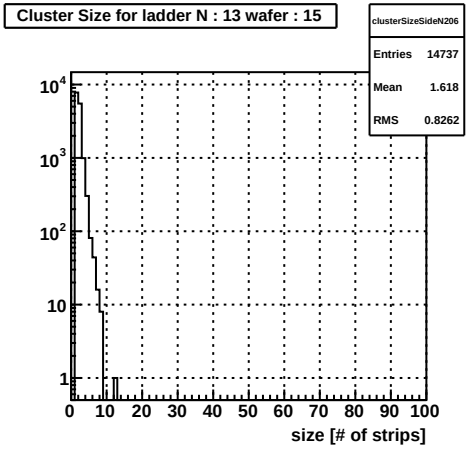

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 23647
Mean 1.429
RMS 0.7944
size [# of strips]

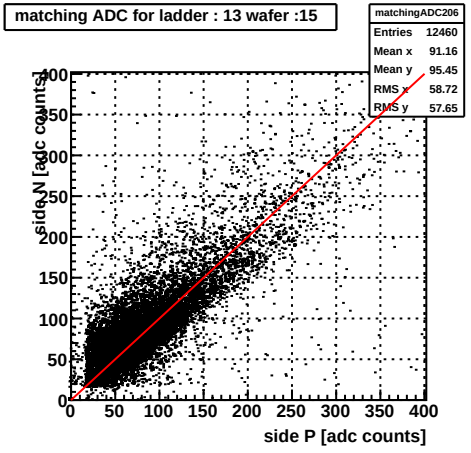

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 10434
Mean x 83.05
Mean y 89.77
RMS x 55.3
RMS y 57.32
side N [adc counts]
side P [adc counts]

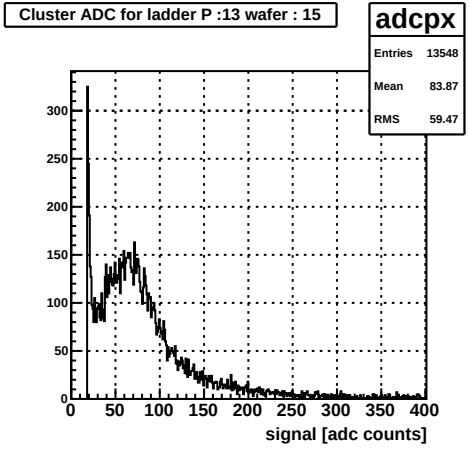

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 12211
Mean 75.06
RMS 55.63
signal [adc counts]

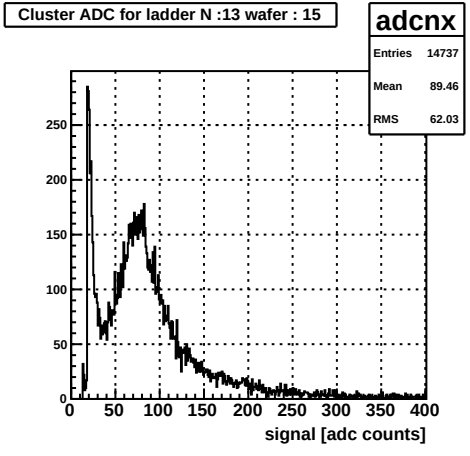

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 23647
Mean 63.33
RMS 56.62
signal [adc counts]

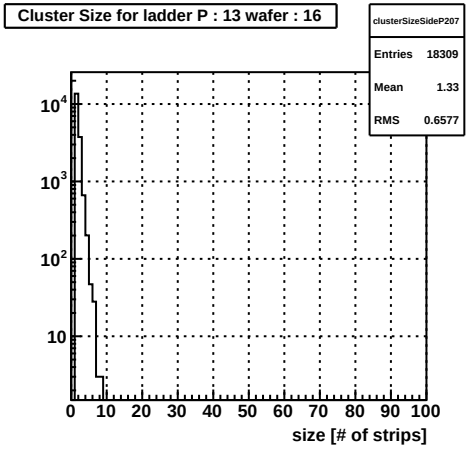

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 13548
Mean 1.428
RMS 0.723
size [# of strips]

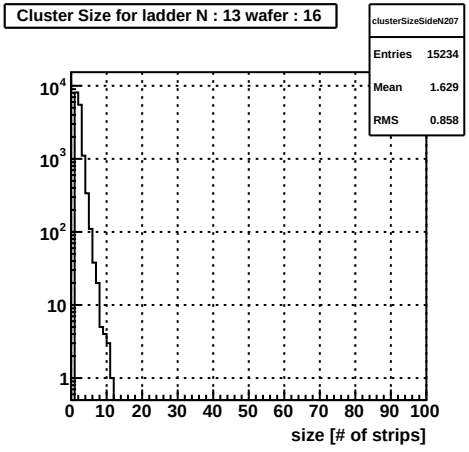

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 14737
Mean 1.618
RMS 0.8262
size [# of strips]

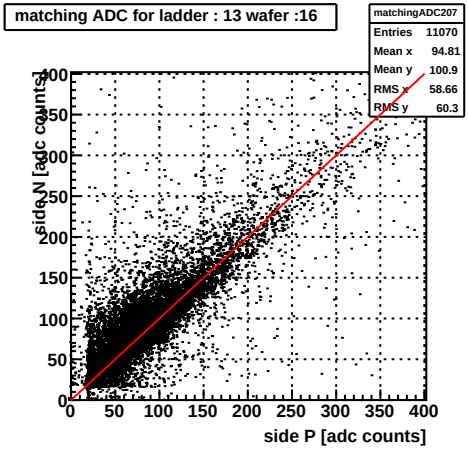

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 12460
Mean x 91.16
Mean y 95.45
RMS x 58.72
RMS y 57.65
side N [adc counts]
side P [adc counts]

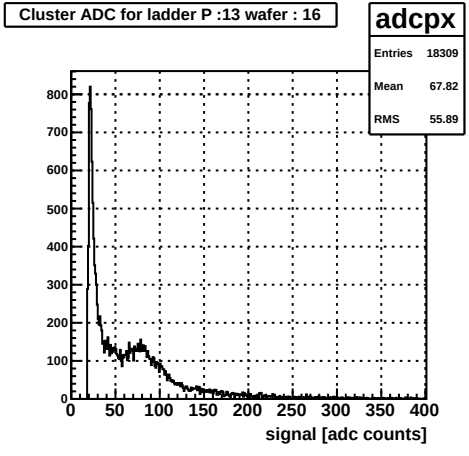

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 13548
Mean 83.87
RMS 59.47
signal [adc counts]

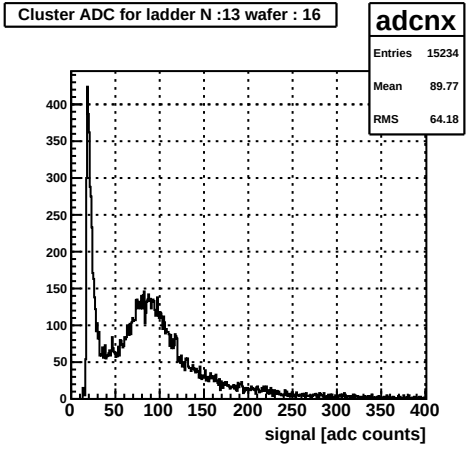

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 14737
Mean 89.46
RMS 62.03
signal [adc counts]

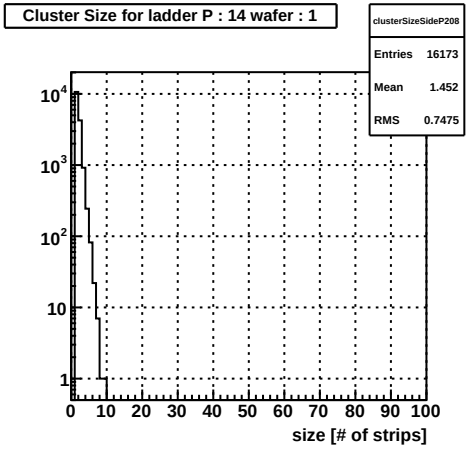

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 18309
Mean 1.33
RMS 0.6577
size [# of strips]

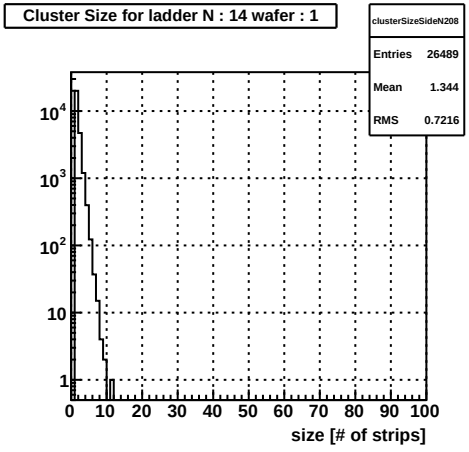

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 15234
Mean 1.629
RMS 0.858
size [# of strips]

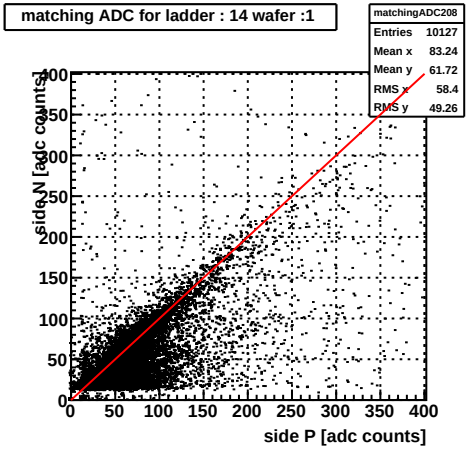

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 11070
Mean x 94.81
Mean y 100.9
RMS x 58.66
RMS y 60.3
side N [adc counts]
side P [adc counts]

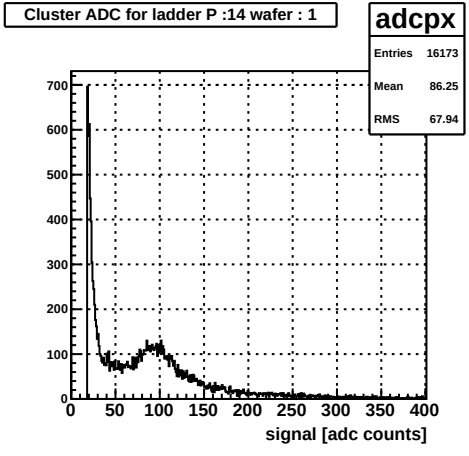

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 18309
Mean 67.82
RMS 55.89
signal [adc counts]

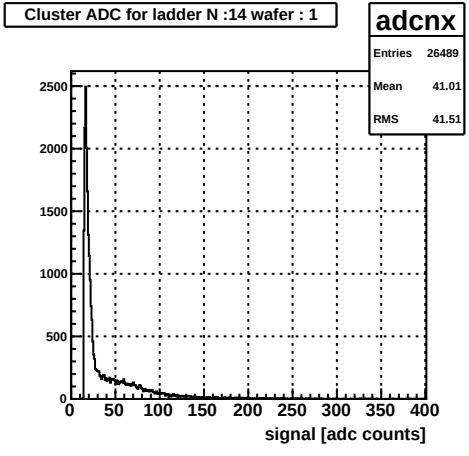

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 15234
Mean 89.77
RMS 64.18
signal [adc counts]

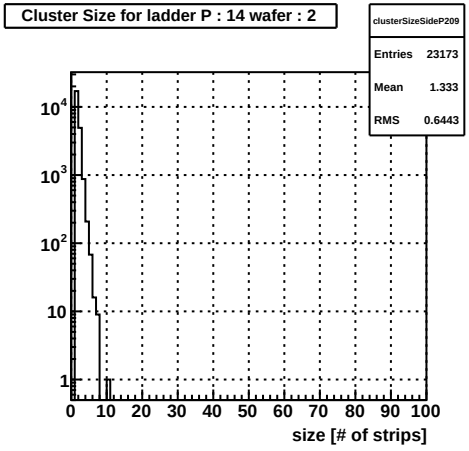

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 16173
Mean 1.452
RMS 0.7475
size [# of strips]

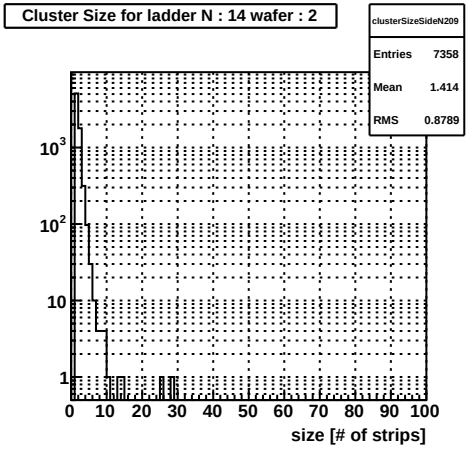

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 26489
Mean 1.344
RMS 0.7216
size [# of strips]

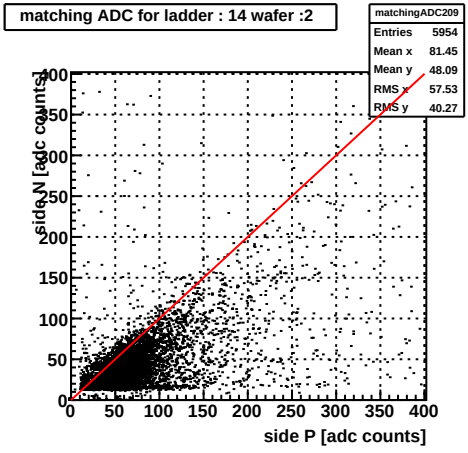

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 10127
Mean x 83.24
Mean y 61.72
RMS x 58.4
RMS y 49.26
side N [adc counts]
side P [adc counts]

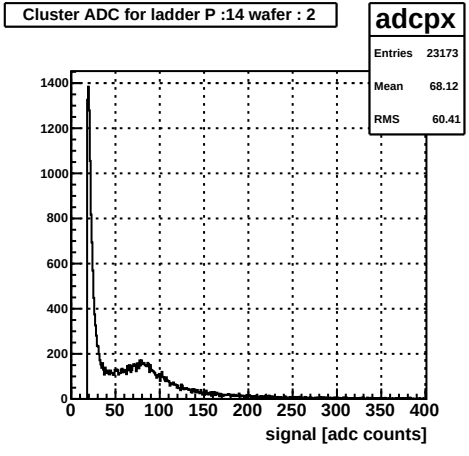

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 16173
Mean 86.25
RMS 67.94
signal [adc counts]

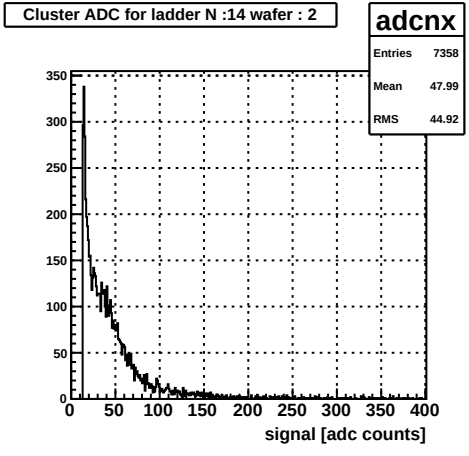

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 26489
Mean 41.01
RMS 41.51
signal [adc counts]

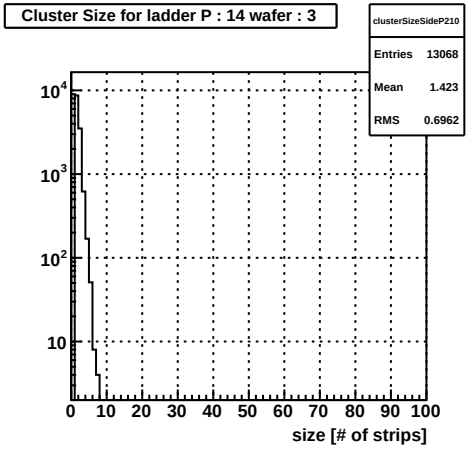

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 23173
Mean 1.333
RMS 0.6443
size [# of strips]

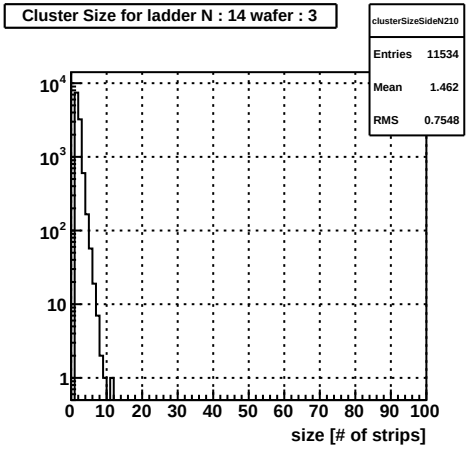

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 7358
Mean 1.414
RMS 0.8789
size [# of strips]

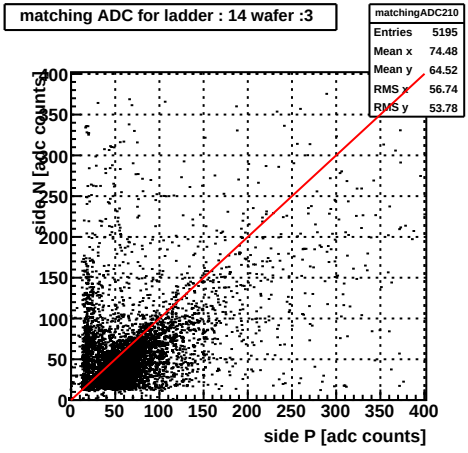

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 5954
Mean x 81.45
Mean y 48.09
RMS x 57.53
RMS y 40.27
side N [adc counts]
side P [adc counts]

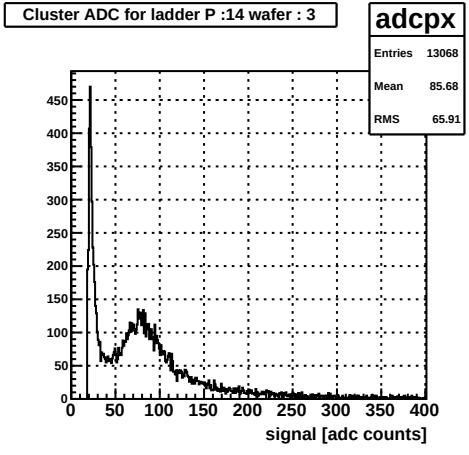

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 23173
Mean 68.12
RMS 60.41
signal [adc counts]

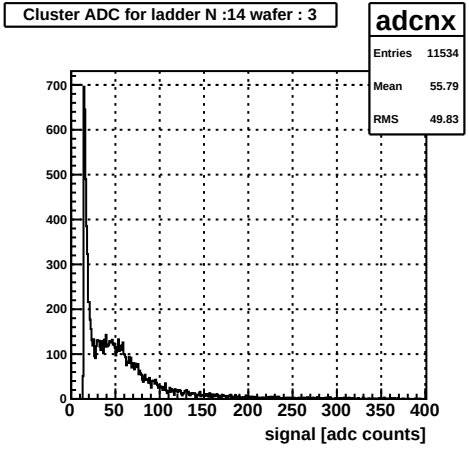

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 7358
Mean 47.99
RMS 44.92
signal [adc counts]

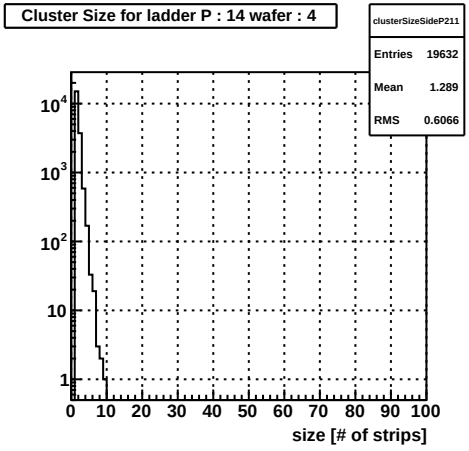

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 13068
Mean 1.423
RMS 0.6962
size [# of strips]

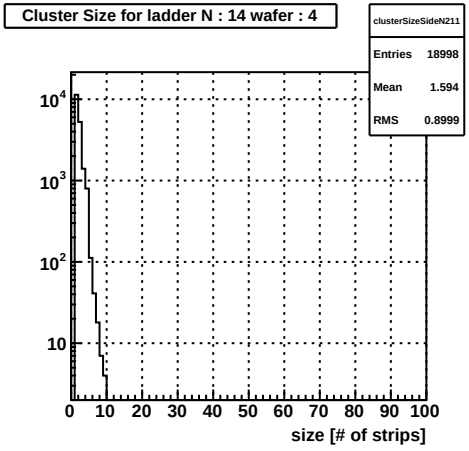

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 11534
Mean 1.462
RMS 0.7548
size [# of strips]

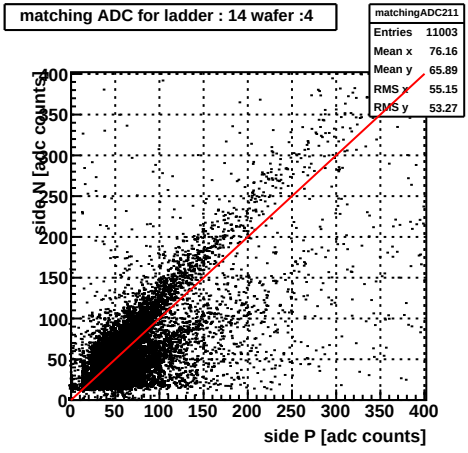

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 5195
Mean x 74.48
Mean y 64.52
RMS x 56.74
RMS y 53.78
side N [adc counts]
side P [adc counts]

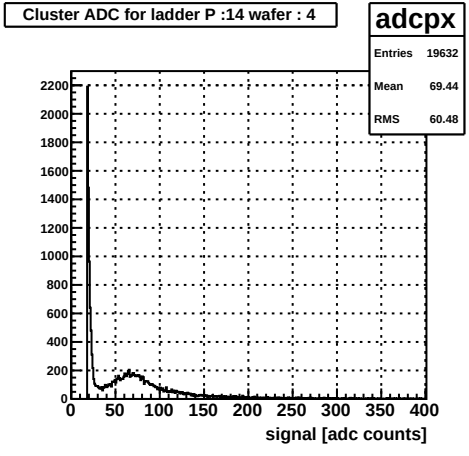

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 13068
Mean 85.68
RMS 65.91
signal [adc counts]

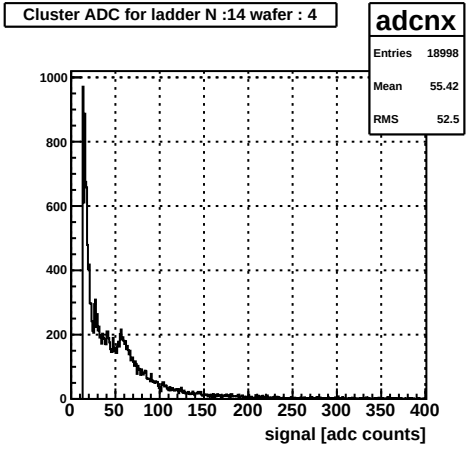

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 11534
Mean 55.79
RMS 49.83
signal [adc counts]

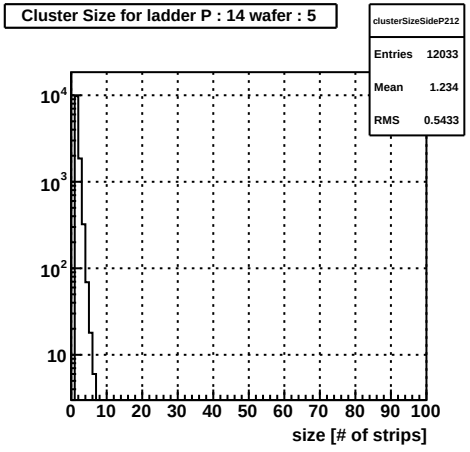

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 19632
Mean 1.289
RMS 0.6066
size [# of strips]

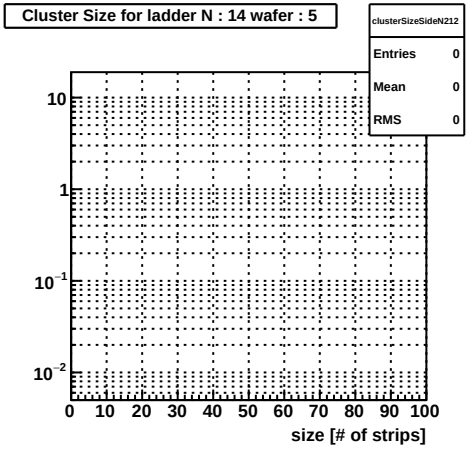

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 18998
Mean 1.594
RMS 0.8999
size [# of strips]

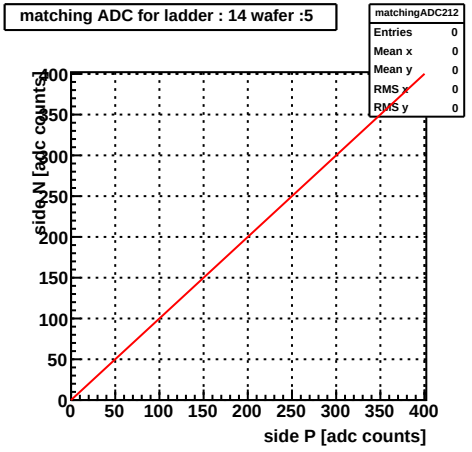

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 11003
Mean x 76.16
Mean y 65.89
RMS x 55.15
RMS y 53.27
side N [adc counts]
side P [adc counts]

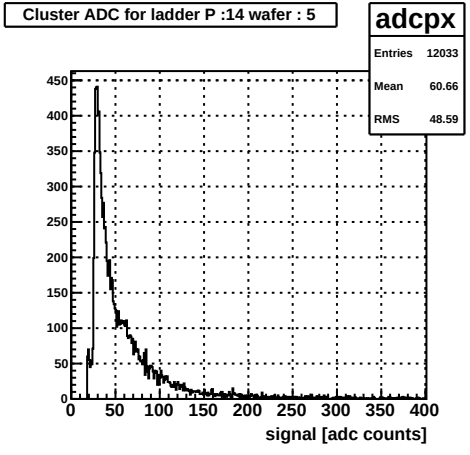

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 19632
Mean 69.44
RMS 60.48
signal [adc counts]

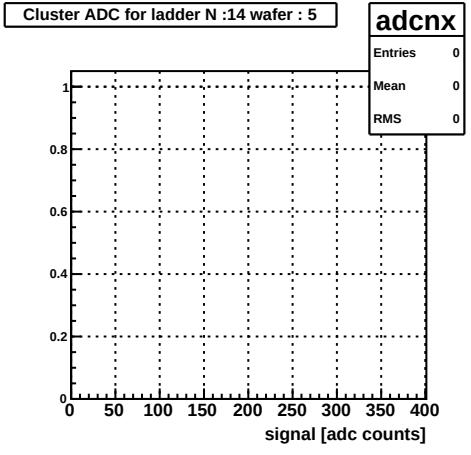

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 18998
Mean 55.42
RMS 52.5
signal [adc counts]

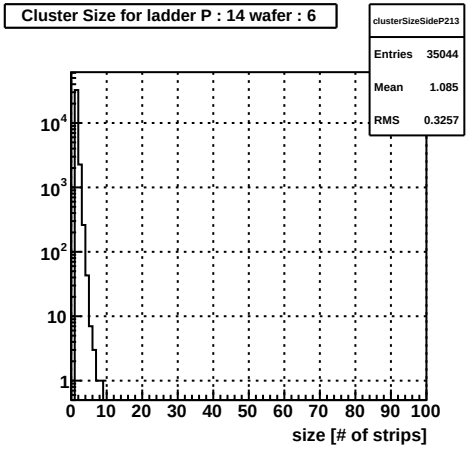

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 12033
Mean 1.234
RMS 0.5433
size [# of strips]

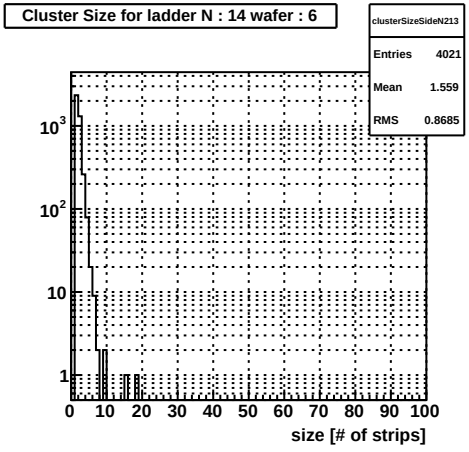

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

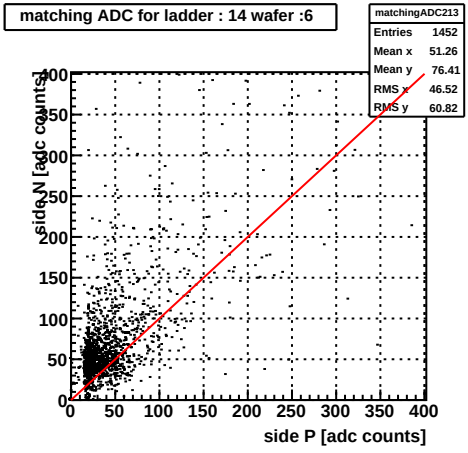

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

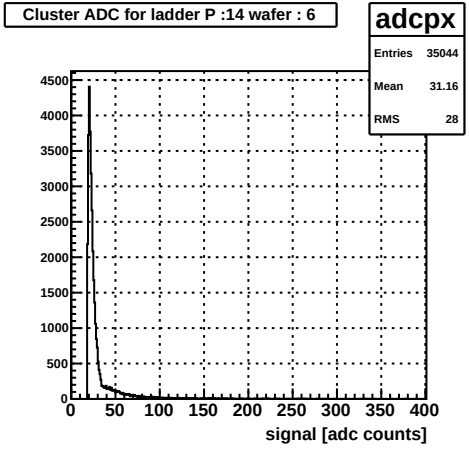

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 12033
Mean 60.66
RMS 48.59
signal [adc counts]

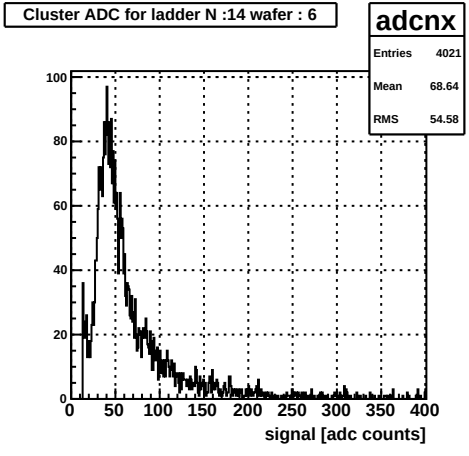

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

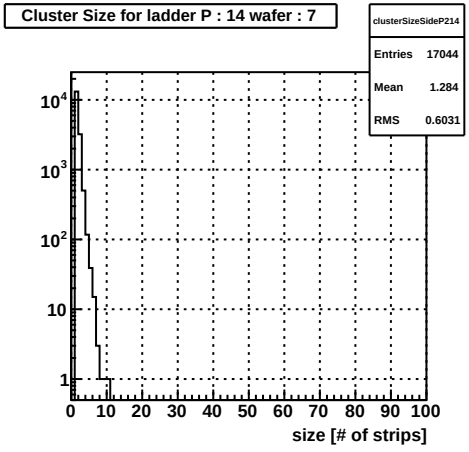

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 35044
Mean 1.085
RMS 0.3257
size [# of strips]

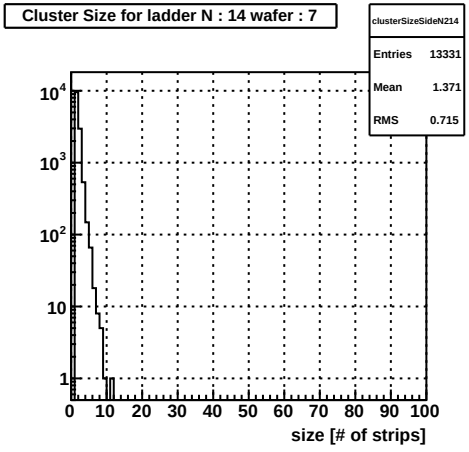

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 4021
Mean 1.559
RMS 0.8685
size [# of strips]

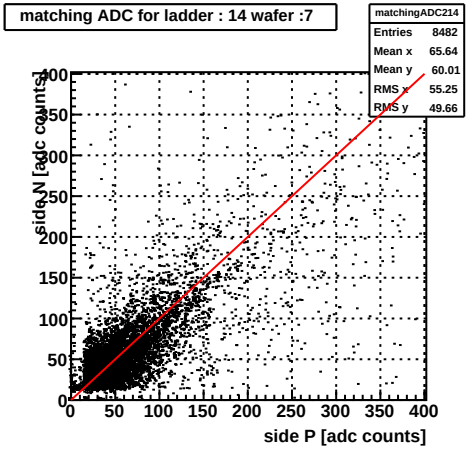

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1452
Mean x 51.26
Mean y 76.41
RMS x 46.52
RMS y 60.82
side N [adc counts]
side P [adc counts]

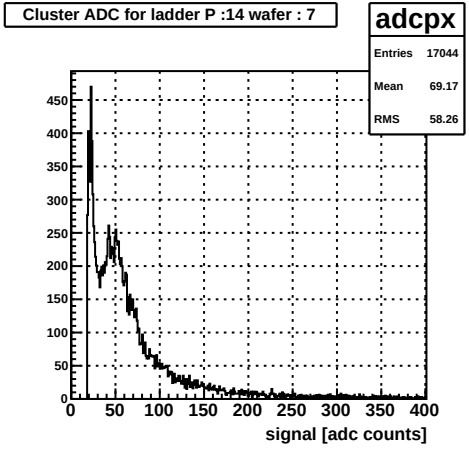

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 35044
Mean 31.16
RMS 28
signal [adc counts]

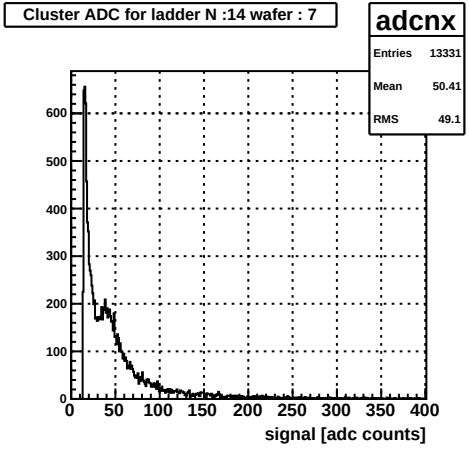

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 4021
Mean 68.64
RMS 54.58
signal [adc counts]

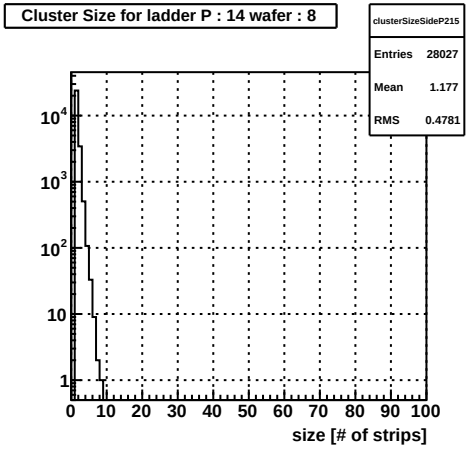

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 17044
Mean 1.284
RMS 0.6031
size [# of strips]

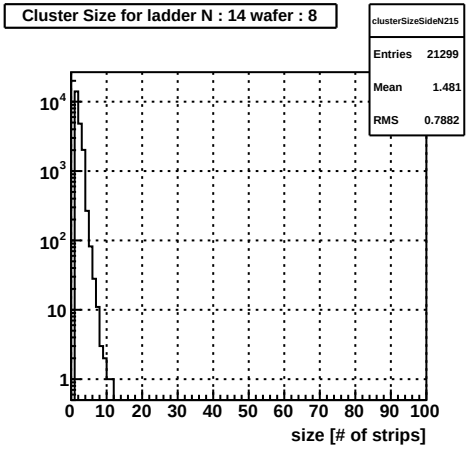

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 13331
Mean 1.371
RMS 0.715
size [# of strips]

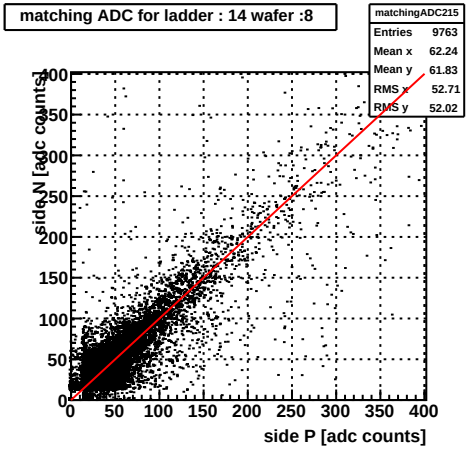

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 8482
Mean x 65.64
Mean y 60.01
RMS x 55.25
RMS y 49.66
side N [adc counts]
side P [adc counts]

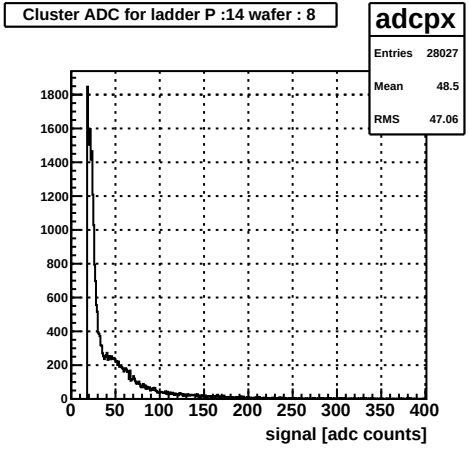

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 17044
Mean 69.17
RMS 58.26
signal [adc counts]

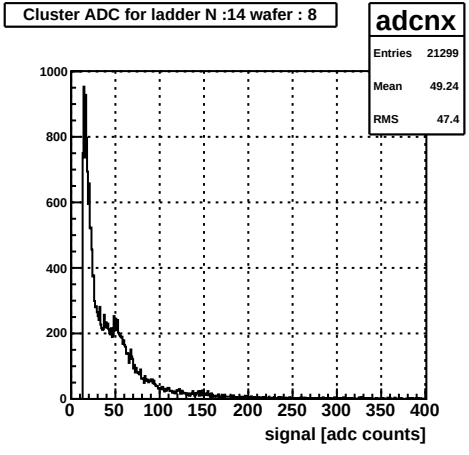

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 13331
Mean 50.41
RMS 49.1
signal [adc counts]

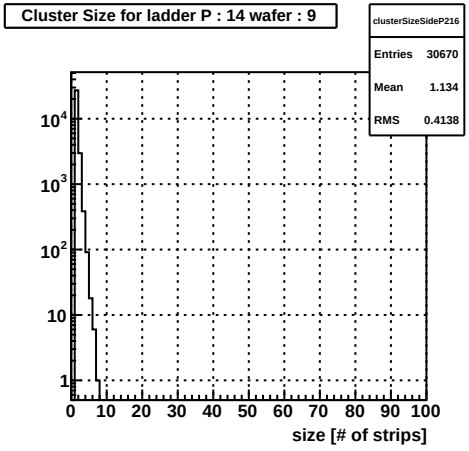

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 28027
Mean 1.177
RMS 0.4781
size [# of strips]

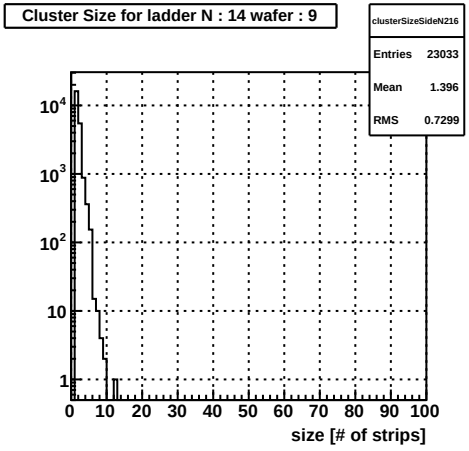

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 21299
Mean 1.481
RMS 0.7882
size [# of strips]

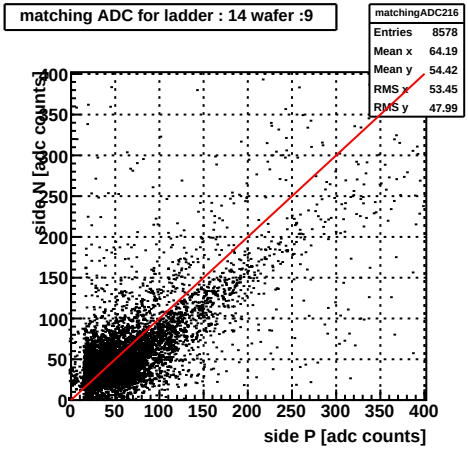

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9763
Mean x 62.24
Mean y 61.83
RMS x 52.71
RMS y 52.02
side N [adc counts]
side P [adc counts]

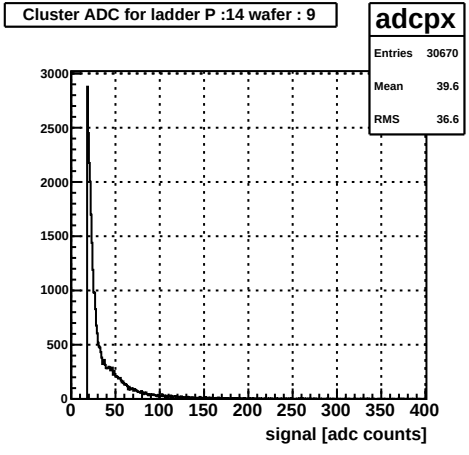

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 28027
Mean 48.5
RMS 47.06
signal [adc counts]

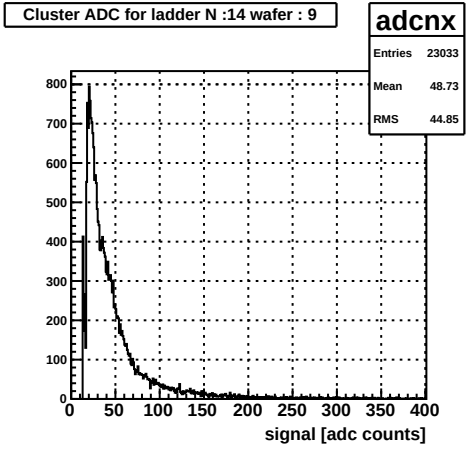

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 21299
Mean 49.24
RMS 47.4
signal [adc counts]

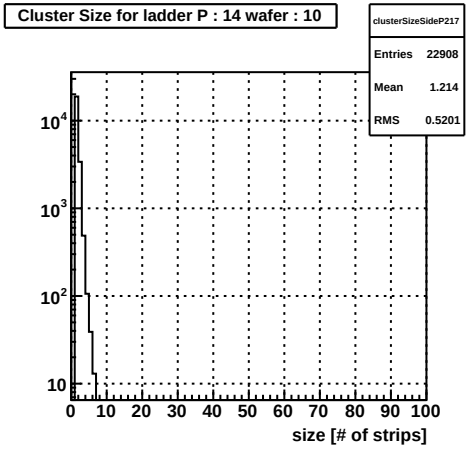

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 30670
Mean 1.134
RMS 0.4138
size [# of strips]

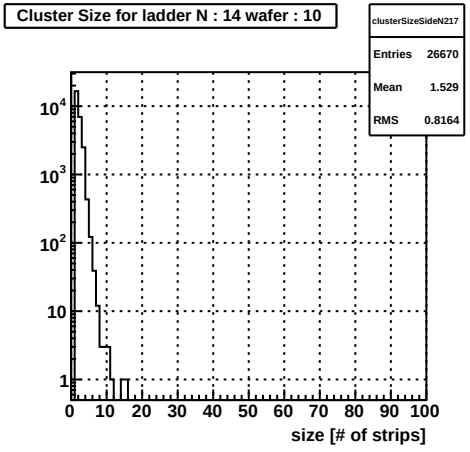

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 23033
Mean 1.396
RMS 0.7299
size [# of strips]

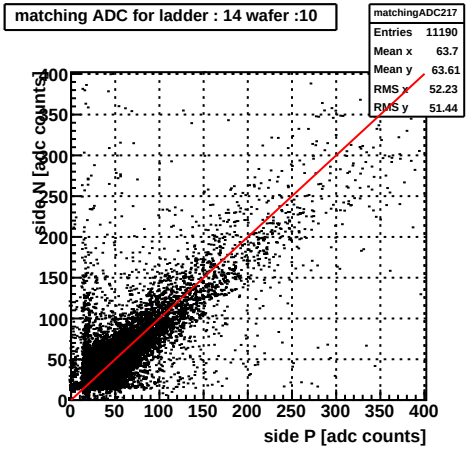

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 8578
Mean x 64.19
Mean y 54.42
RMS x 53.45
RMS y 47.99
side N [adc counts]
side P [adc counts]

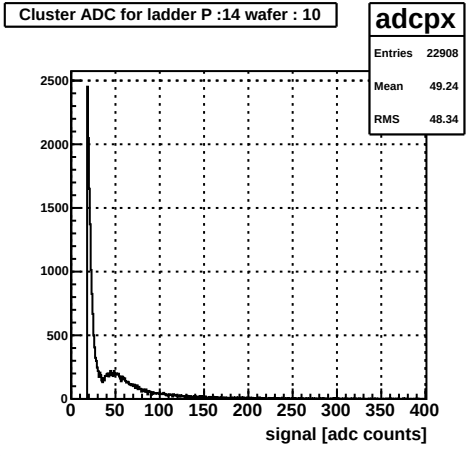

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 30670
Mean 39.6
RMS 36.6
signal [adc counts]

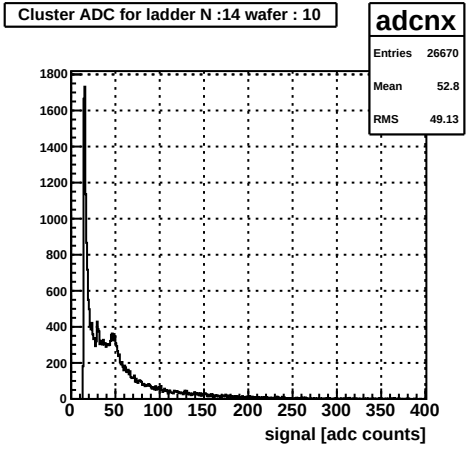

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 23033
Mean 48.73
RMS 44.85
signal [adc counts]

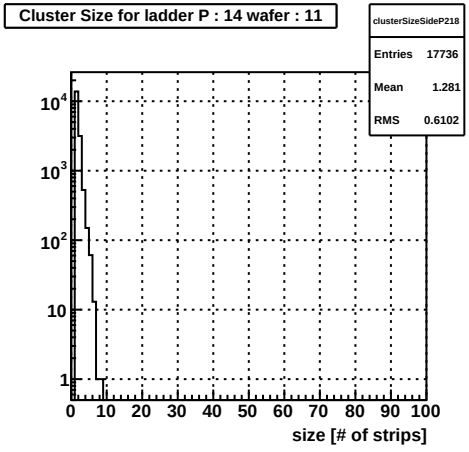

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 22908
Mean 1.214
RMS 0.5201
size [# of strips]

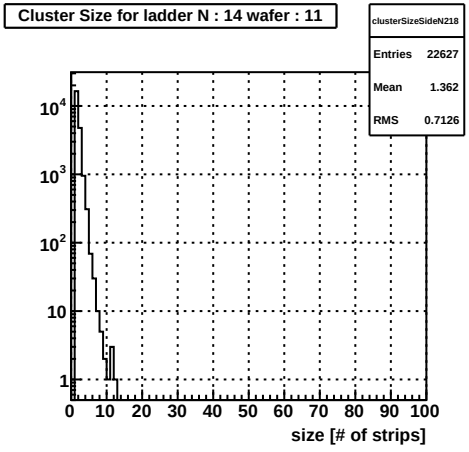

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 26670
Mean 1.529
RMS 0.8164
size [# of strips]

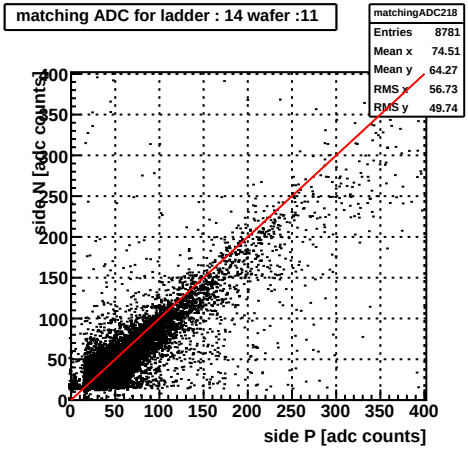

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 11190
Mean x 63.7
Mean y 63.61
RMS x 52.23
RMS y 51.44
side N [adc counts]
side P [adc counts]

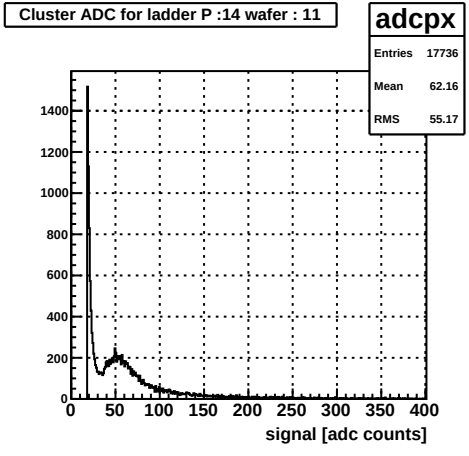

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 22908
Mean 49.24
RMS 48.34
signal [adc counts]

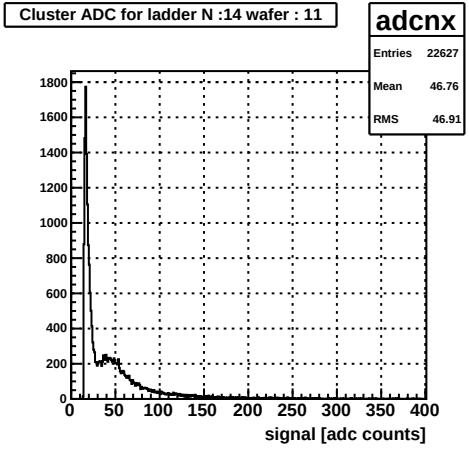

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 26670
Mean 52.8
RMS 49.13
signal [adc counts]

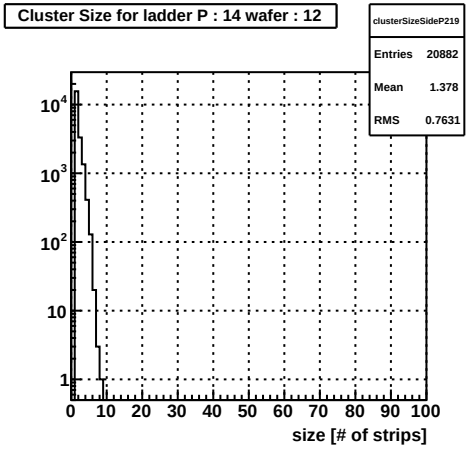

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 17736
Mean 1.281
RMS 0.6102
size [# of strips]

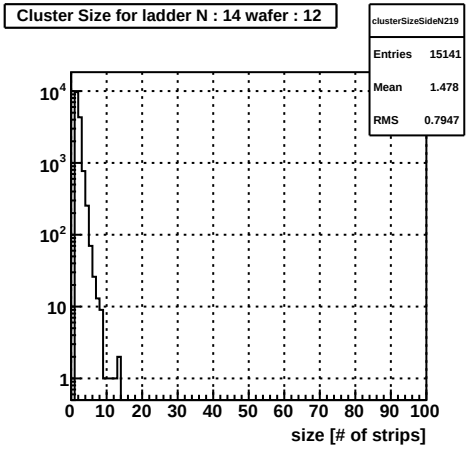

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 22627
Mean 1.362
RMS 0.7126
size [# of strips]

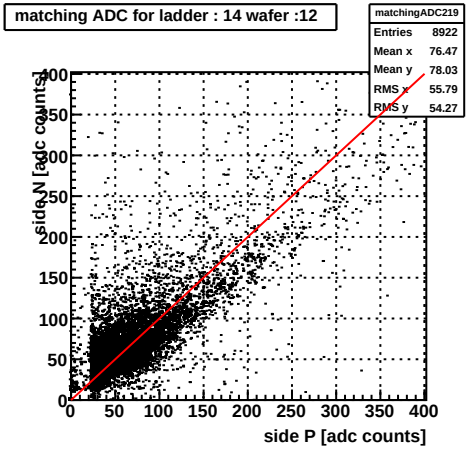

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8781
Mean x 74.51
Mean y 64.27
RMS x 56.73
RMS y 49.74
side N [adc counts]
side P [adc counts]

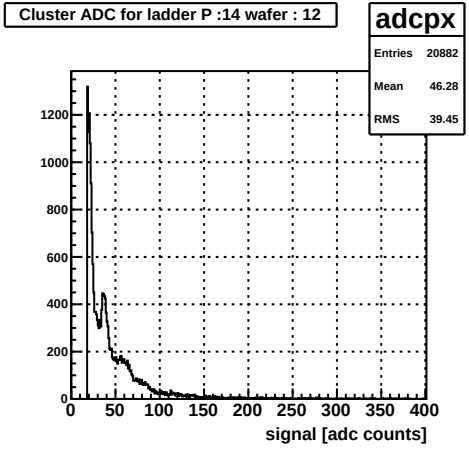

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 17736
Mean 62.16
RMS 55.17
signal [adc counts]

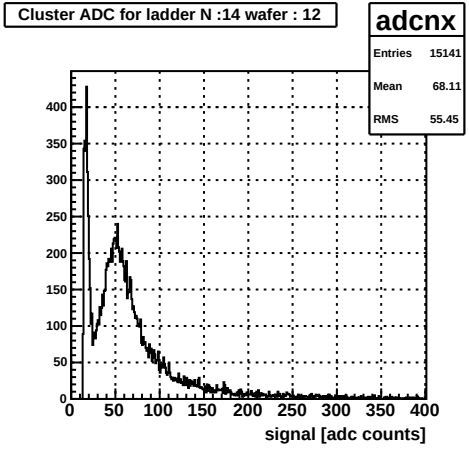

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 22627
Mean 46.76
RMS 46.91
signal [adc counts]

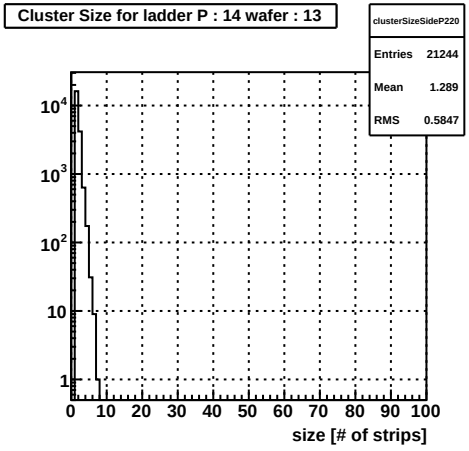

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 20882
Mean 1.378
RMS 0.7631
size [# of strips]

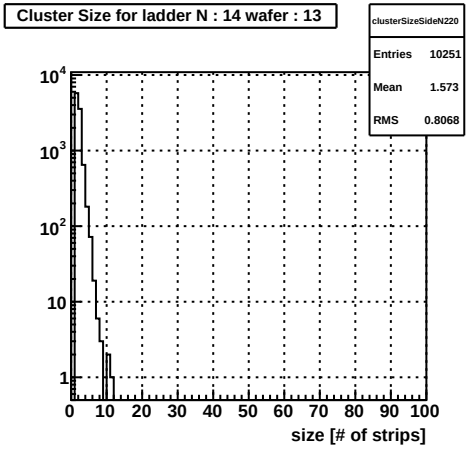

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 15141
Mean 1.478
RMS 0.7947
size [# of strips]

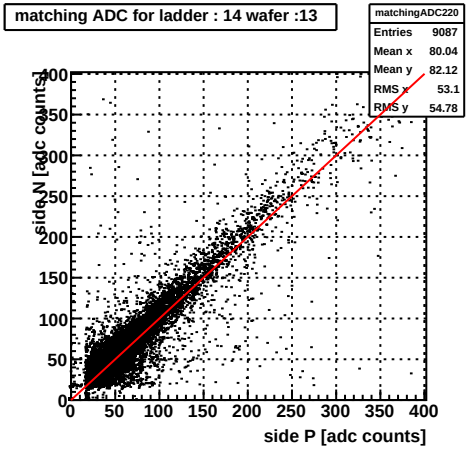

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 8922
Mean x 76.47
Mean y 78.03
RMS x 55.79
RMS y 54.27
side N [adc counts]
side P [adc counts]

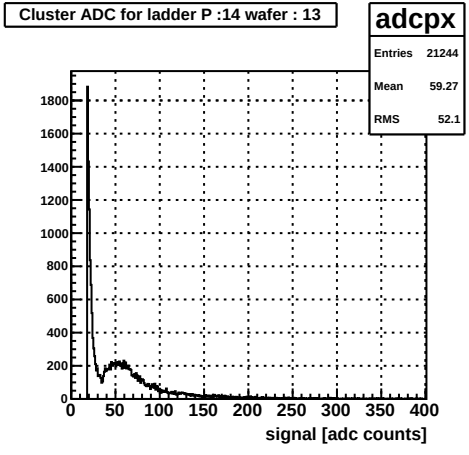

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 20882
Mean 46.28
RMS 39.45
signal [adc counts]

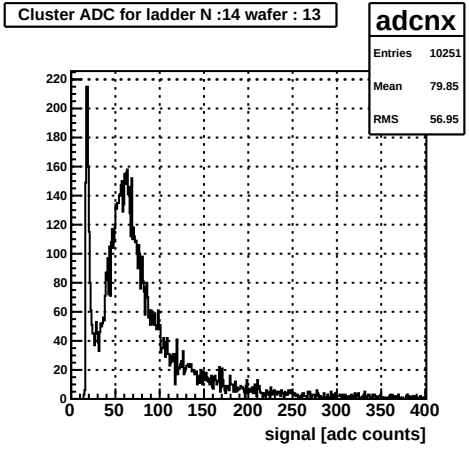

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 15141
Mean 68.11
RMS 55.45
signal [adc counts]

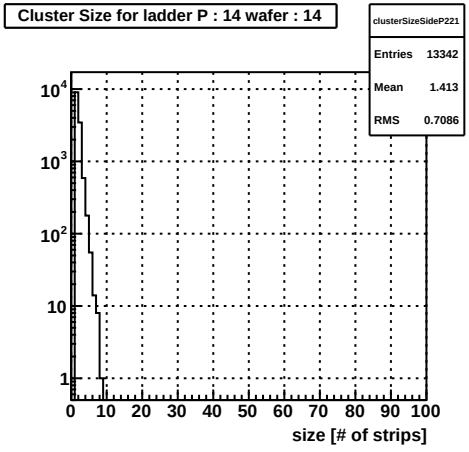

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 21244
Mean 1.289
RMS 0.5847
size [# of strips]

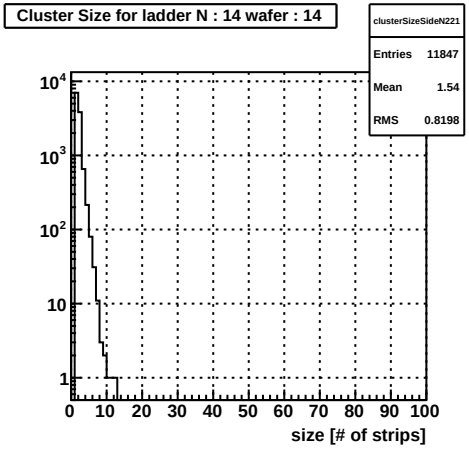

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 10251
Mean 1.573
RMS 0.8068
size [# of strips]

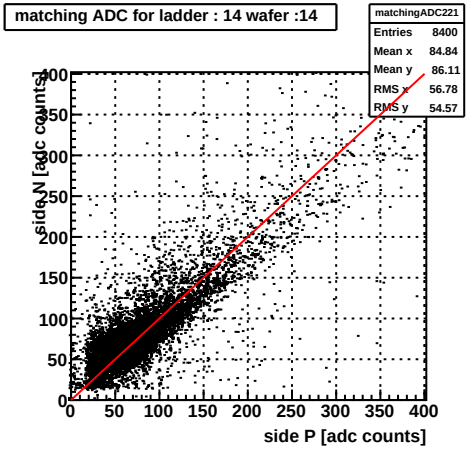

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 9087
Mean x 80.04
Mean y 82.12
RMS x 53.1
RMS y 54.78
side N [adc counts]
side P [adc counts]

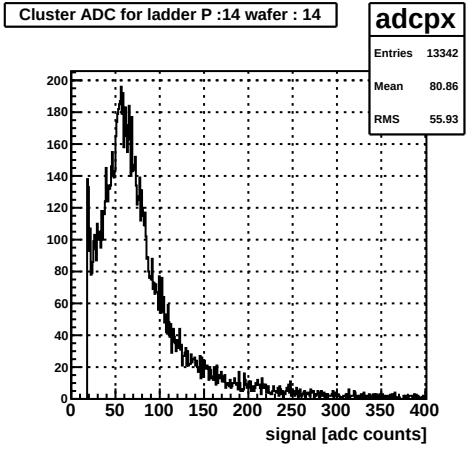

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 21244
Mean 59.27
RMS 52.1
signal [adc counts]

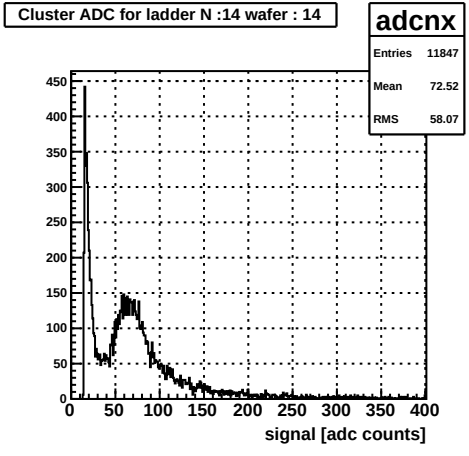

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 10251
Mean 79.85
RMS 56.95
signal [adc counts]

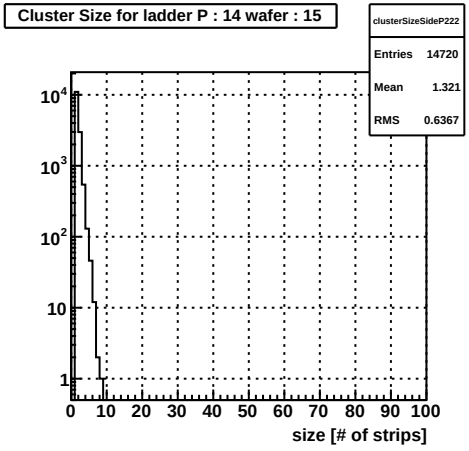

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 13342
Mean 1.413
RMS 0.7086
size [# of strips]

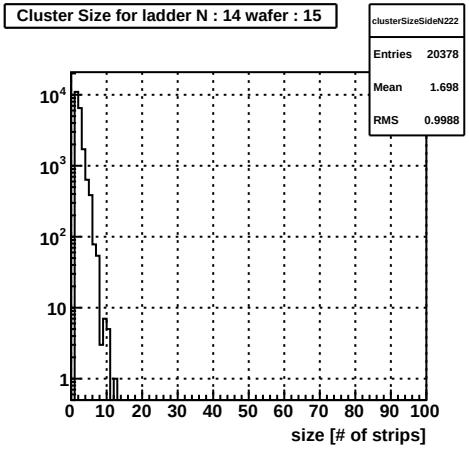

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11847
Mean 1.54
RMS 0.8198
size [# of strips]

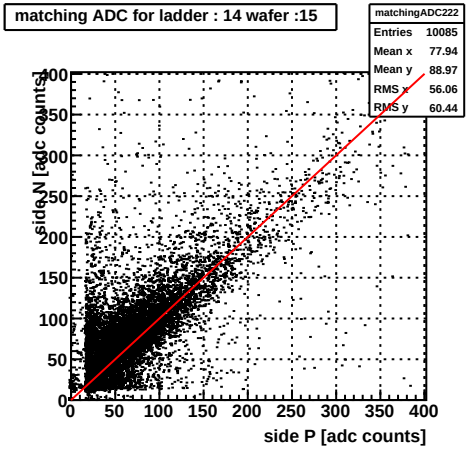

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8400
Mean x 84.84
Mean y 86.11
RMS x 56.78
RMS y 54.57
side N [adc counts]
side P [adc counts]

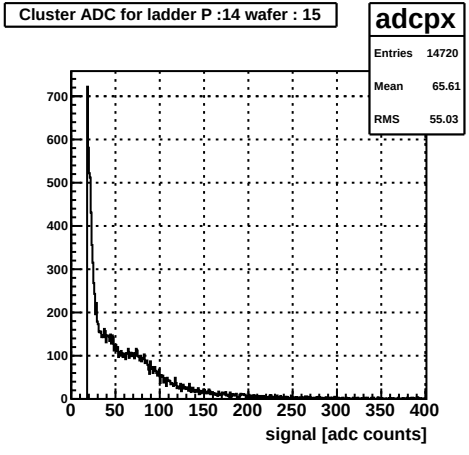

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 13342
Mean 80.86
RMS 55.93
signal [adc counts]

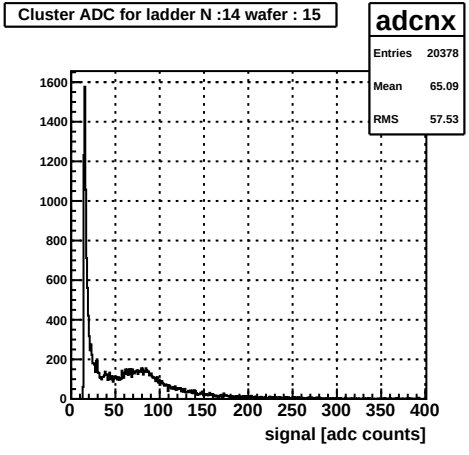

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11847
Mean 72.52
RMS 58.07
signal [adc counts]

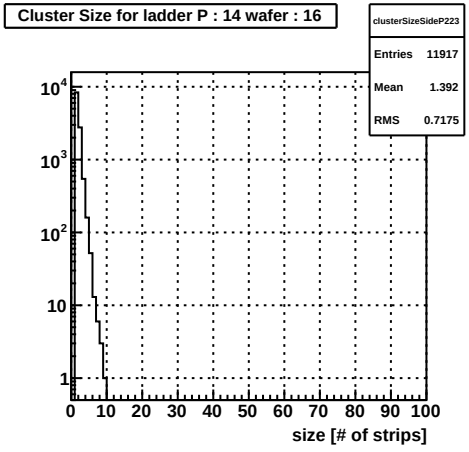

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 14720
Mean 1.321
RMS 0.6367
size [# of strips]

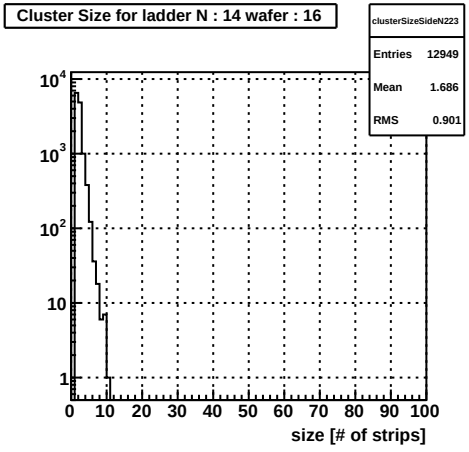

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 20378
Mean 1.698
RMS 0.9988
size [# of strips]

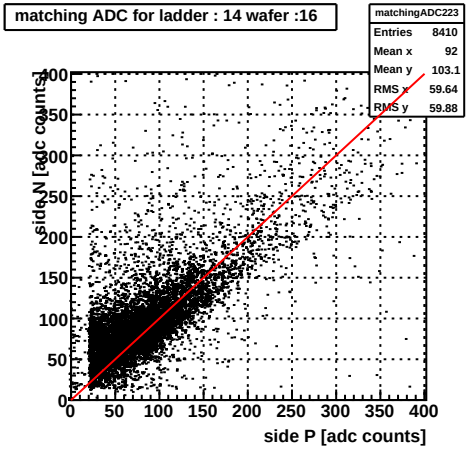

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 10085
Mean x 77.94
Mean y 88.97
RMS x 56.06
RMS y 60.44
side N [adc counts]
side P [adc counts]

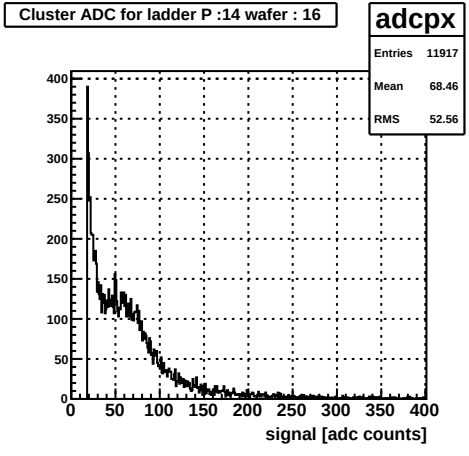

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 14720
Mean 65.61
RMS 55.03
signal [adc counts]

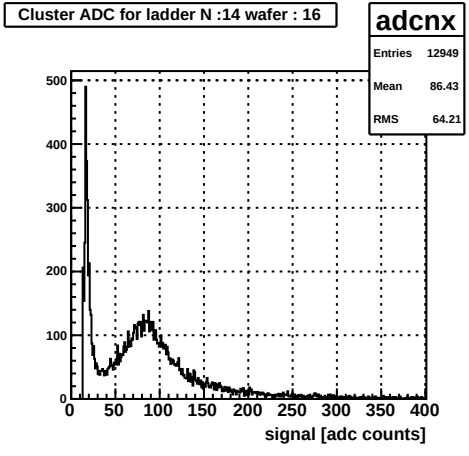

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 20378
Mean 65.09
RMS 57.53
signal [adc counts]

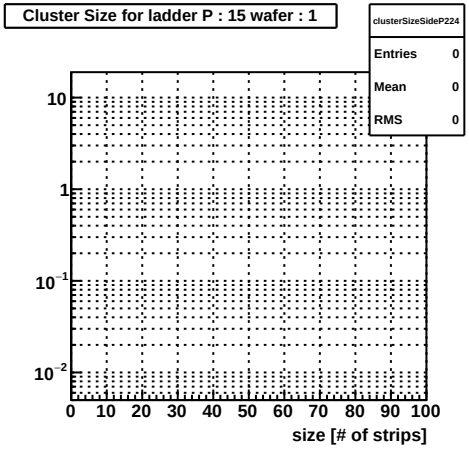

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 11917
Mean 1.392
RMS 0.7175
size [# of strips]

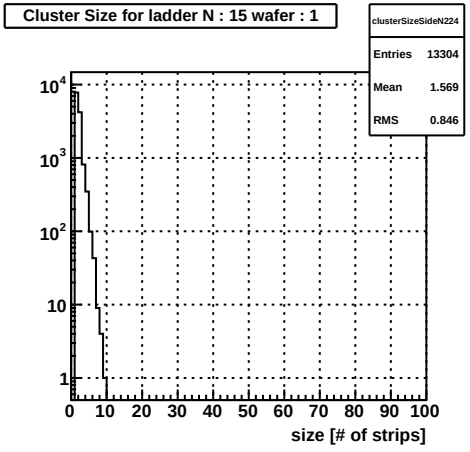

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 12949
Mean 1.686
RMS 0.901
size [# of strips]

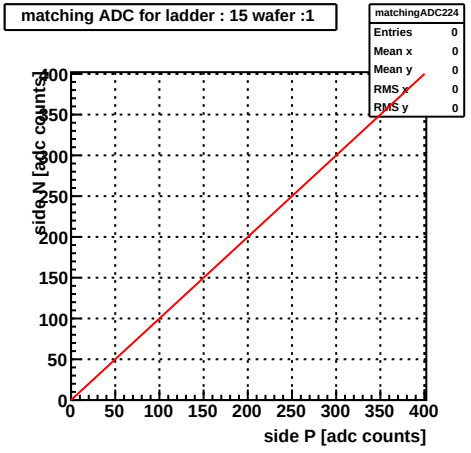

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8410
Mean x 92
Mean y 103.1
RMS x 59.64
RMS y 59.88
side N [adc counts]
side P [adc counts]

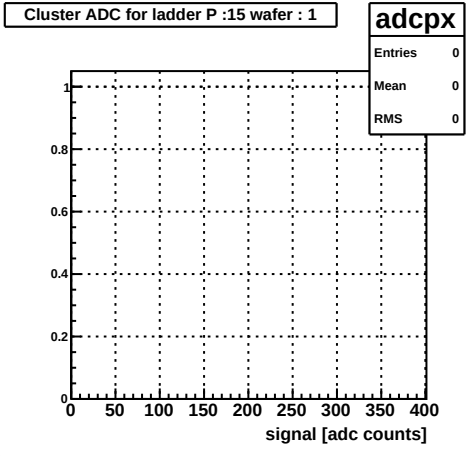

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 11917
Mean 68.46
RMS 52.56
signal [adc counts]

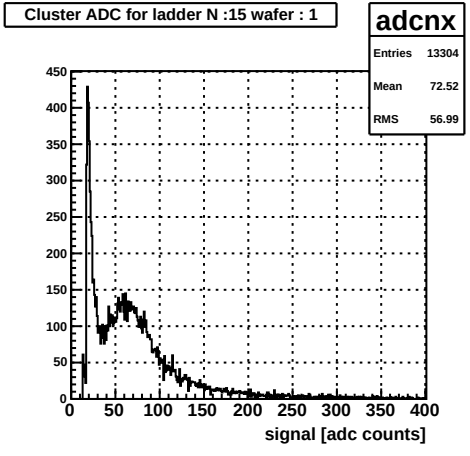

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 12949
Mean 86.43
RMS 64.21
signal [adc counts]

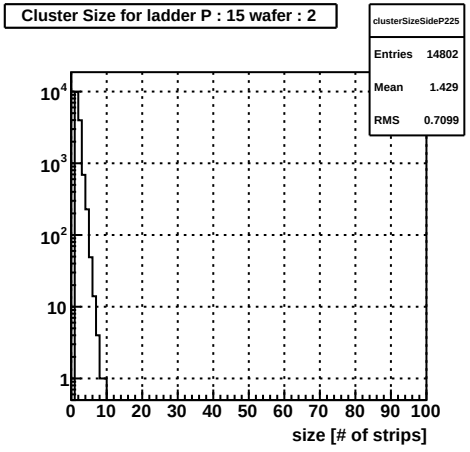

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

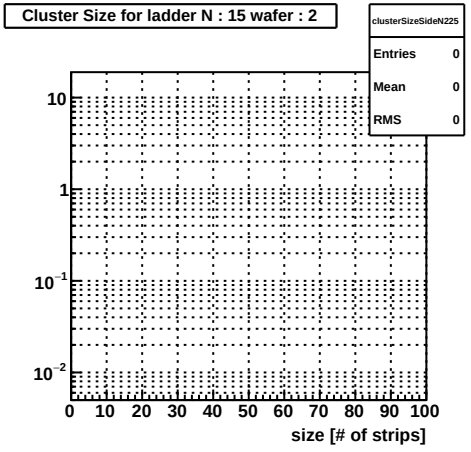

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13304
Mean 1.569
RMS 0.846
size [# of strips]

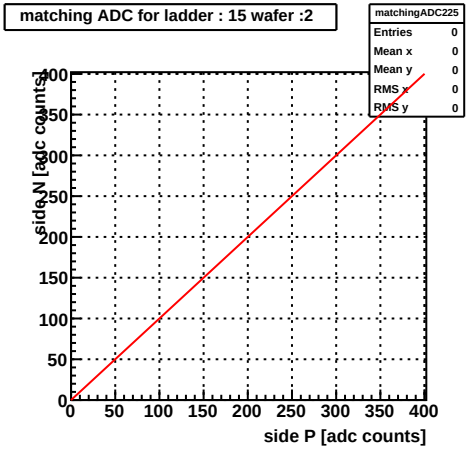

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

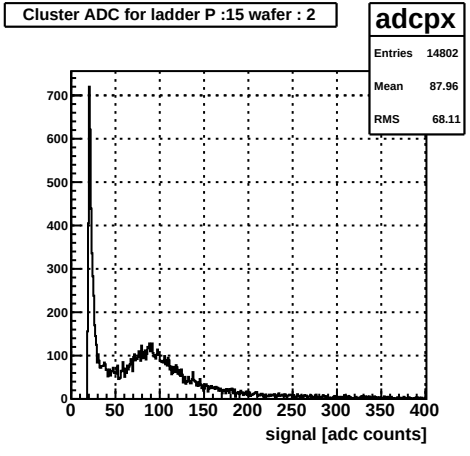

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

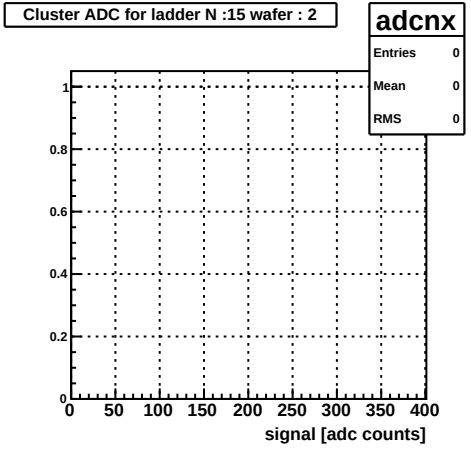

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13304
Mean 72.52
RMS 56.99
signal [adc counts]

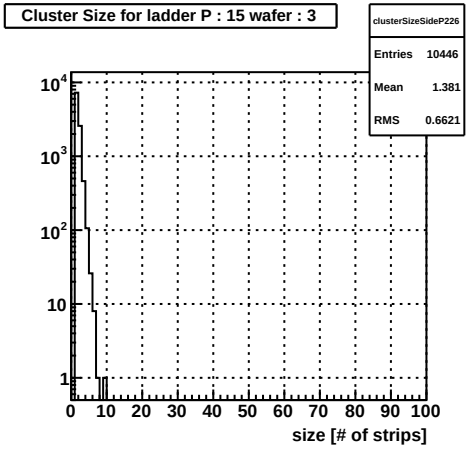

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14802
Mean 1.429
RMS 0.7099
size [# of strips]

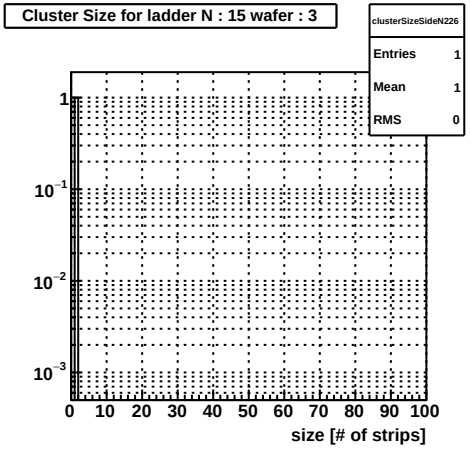

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

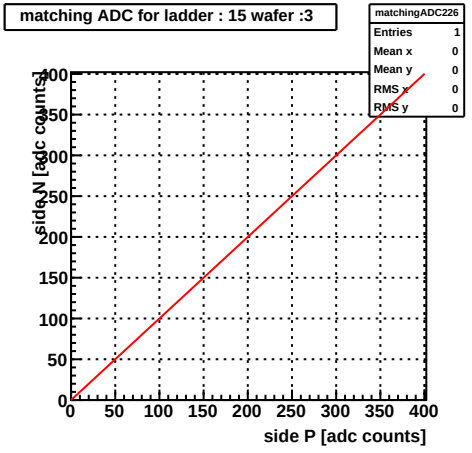

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

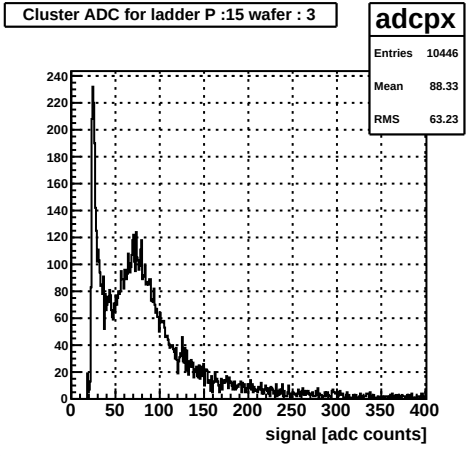

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14802
Mean 87.96
RMS 68.11
signal [adc counts]

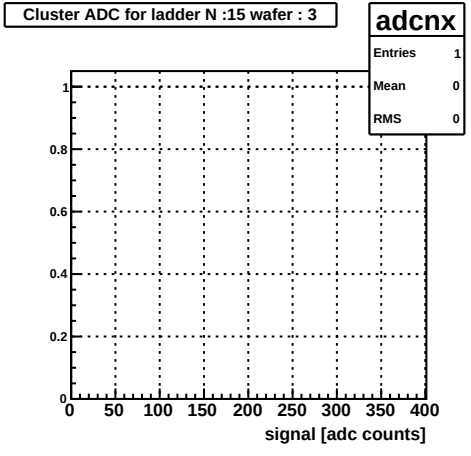

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

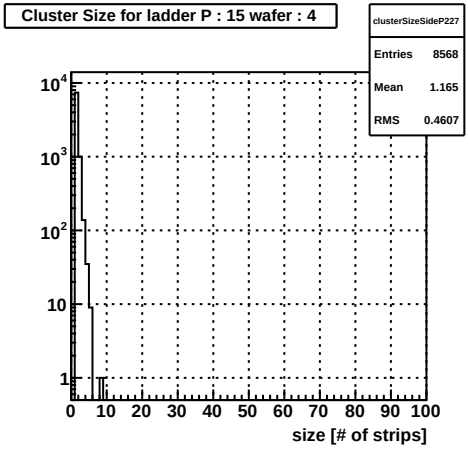

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 10446
Mean 1.381
RMS 0.6621
size [# of strips]

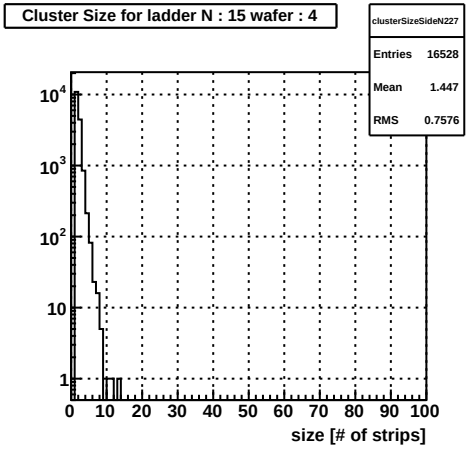

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

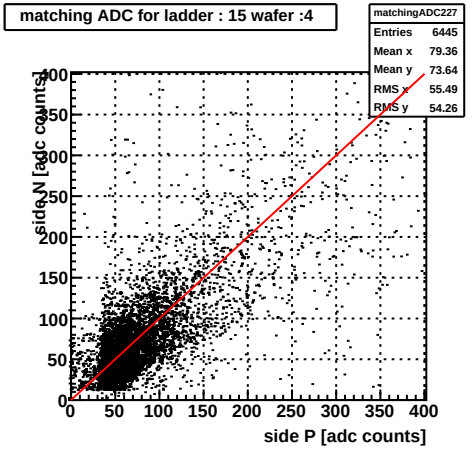

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

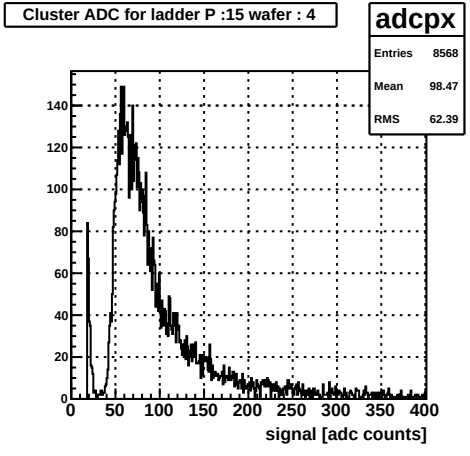

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 10446
Mean 88.33
RMS 63.23
signal [adc counts]

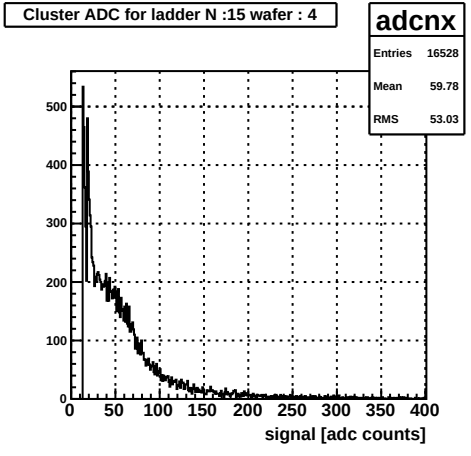

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

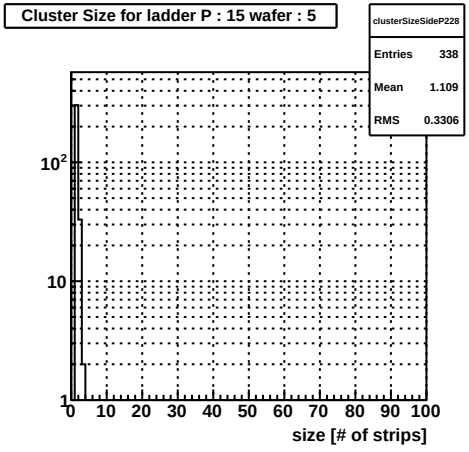

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 8568
Mean 1.165
RMS 0.4607
size [# of strips]

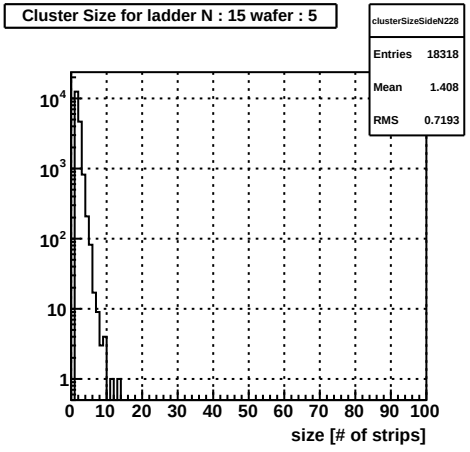

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 16528
Mean 1.447
RMS 0.7576
size [# of strips]

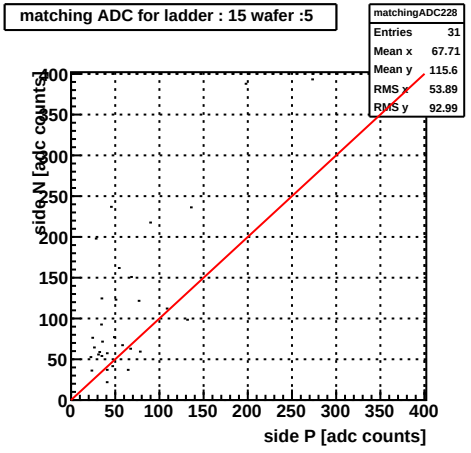

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 6445
Mean x 79.36
Mean y 73.64
RMS x 55.49
RMS y 54.26
side N [adc counts]
side P [adc counts]

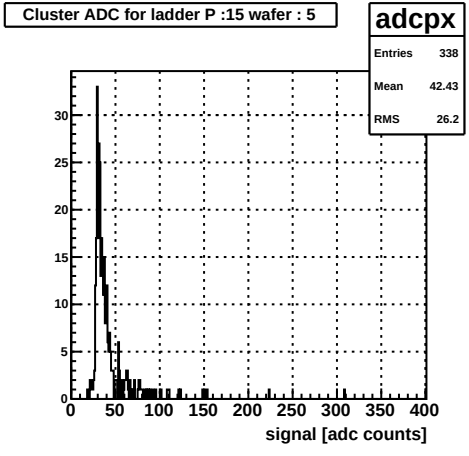

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 8568
Mean 98.47
RMS 62.39
signal [adc counts]

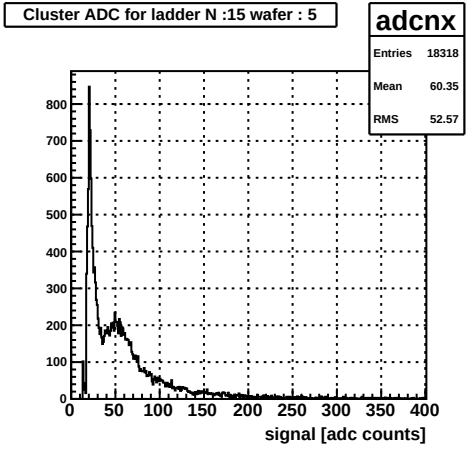

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 16528
Mean 59.78
RMS 53.03
signal [adc counts]

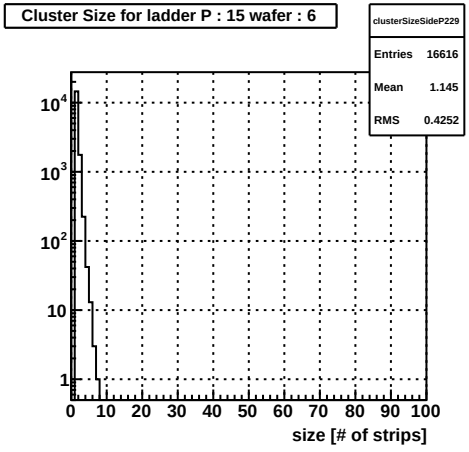

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 338
Mean 1.109
RMS 0.3306
size [# of strips]

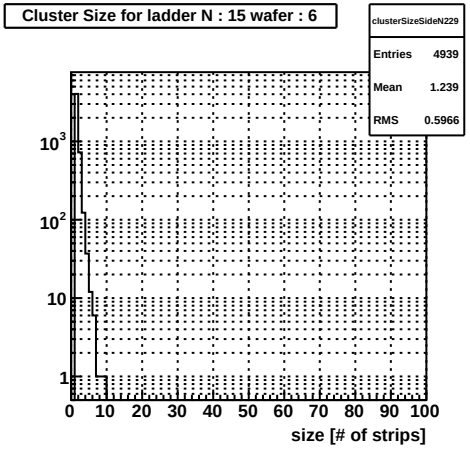

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 18318
Mean 1.408
RMS 0.7193
size [# of strips]

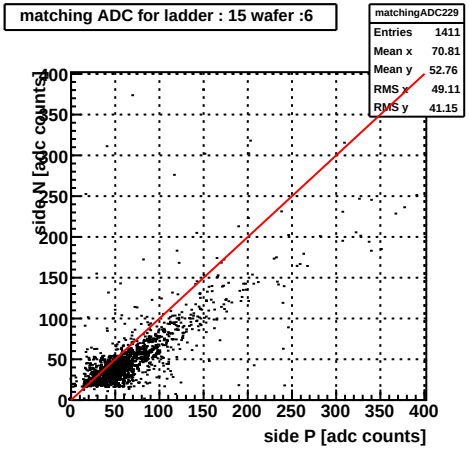

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 31
Mean x 67.71
Mean y 115.6
RMS x 53.89
RMS y 92.99
side N [adc counts]
side P [adc counts]

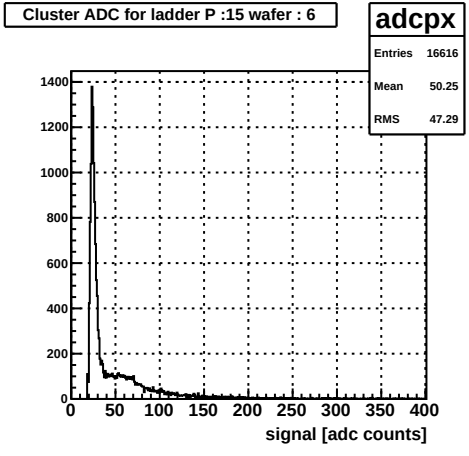

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 338
Mean 42.43
RMS 26.2
signal [adc counts]

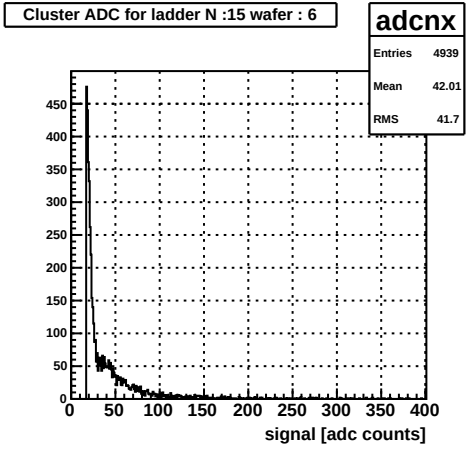

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 18318
Mean 60.35
RMS 52.57
signal [adc counts]

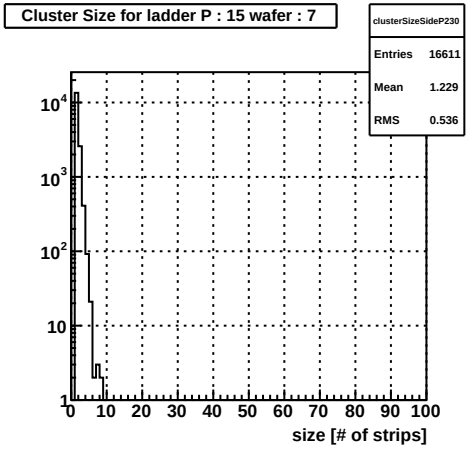

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 16616
Mean 1.145
RMS 0.4252
size [# of strips]

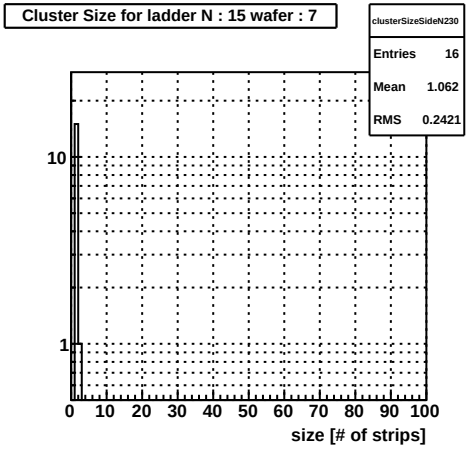

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4939
Mean 1.239
RMS 0.5966
size [# of strips]

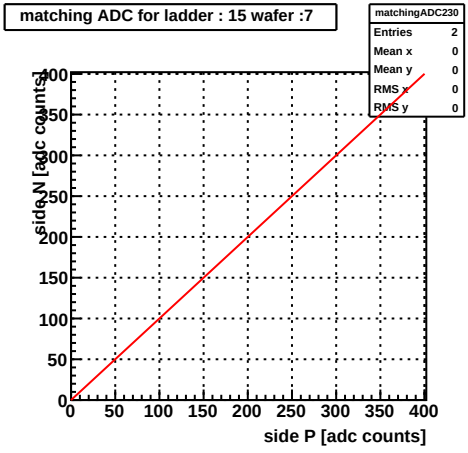

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1411
Mean x 70.81
Mean y 52.76
RMS x 49.11
RMS y 41.15
side N [adc counts]
side P [adc counts]

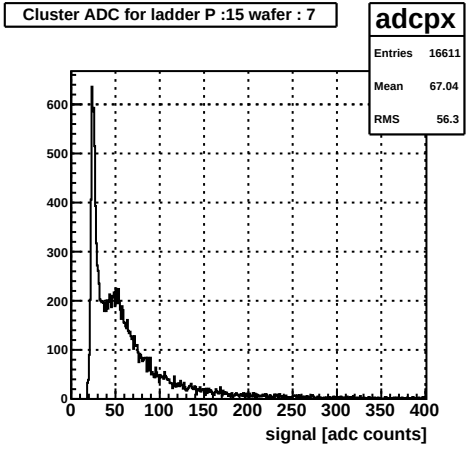

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 16616
Mean 50.25
RMS 47.29
signal [adc counts]

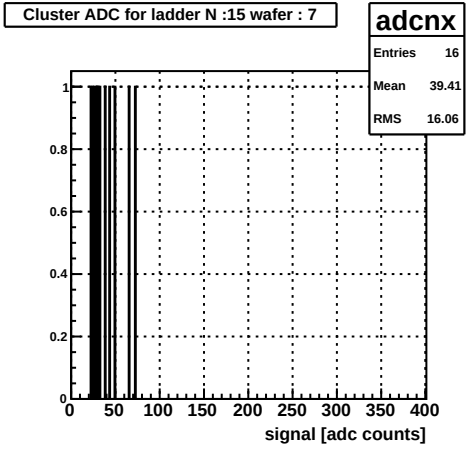

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4939
Mean 42.01
RMS 41.7
signal [adc counts]

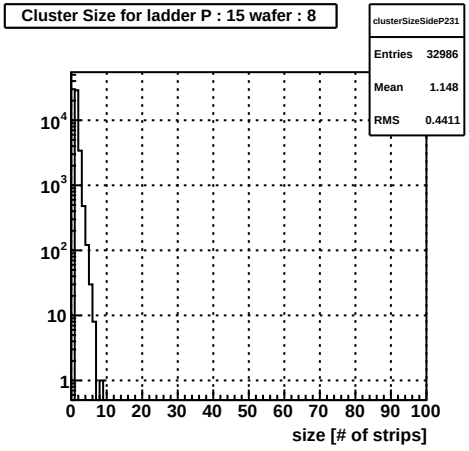

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 16611
Mean 1.229
RMS 0.536
size [# of strips]

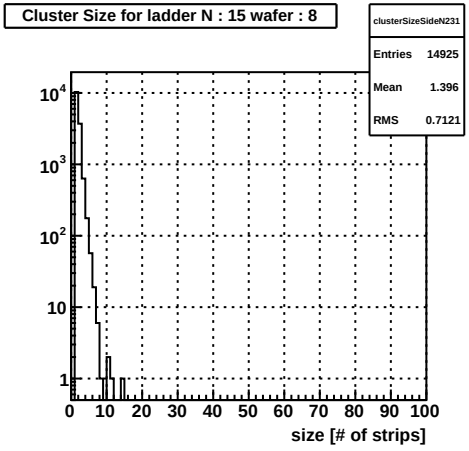

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

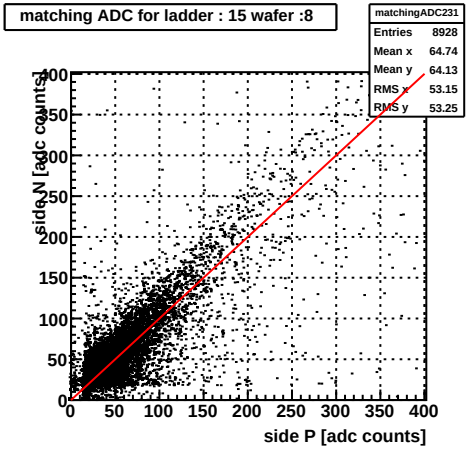

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

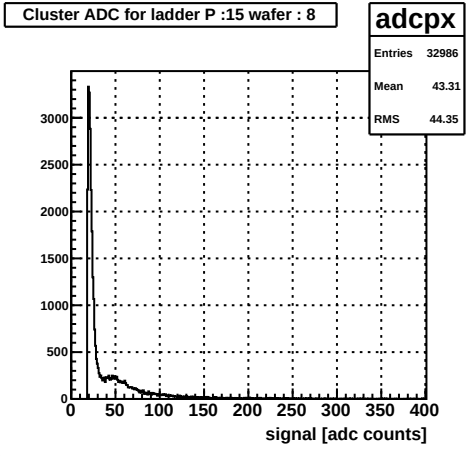

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 16611
Mean 67.04
RMS 56.3
signal [adc counts]

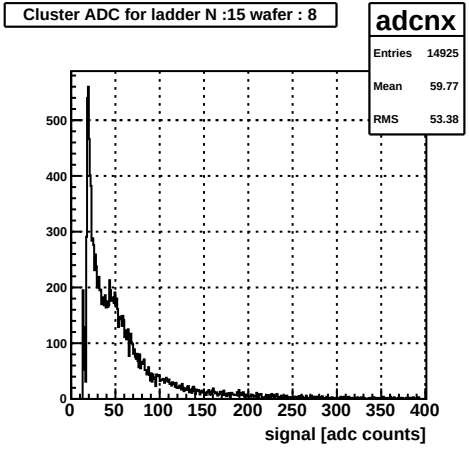

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 16
Mean 39.41
RMS 16.06
signal [adc counts]

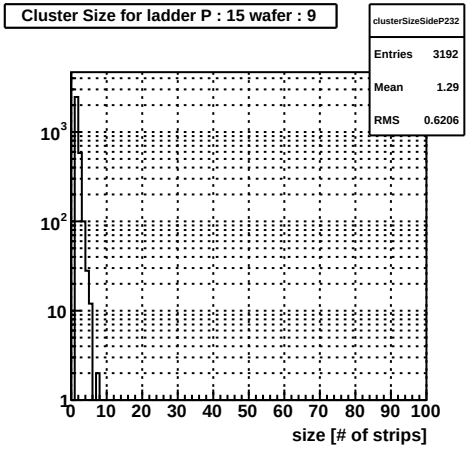

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 32986
Mean 1.148
RMS 0.4411
size [# of strips]

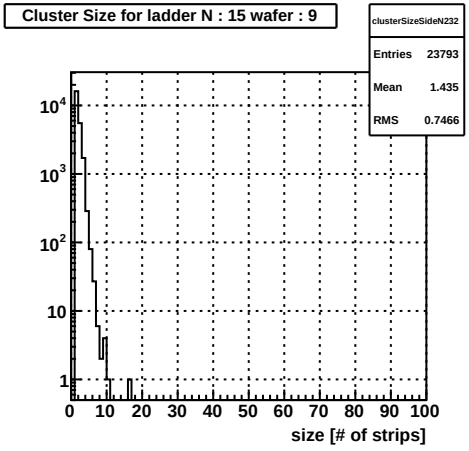

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14925
Mean 1.396
RMS 0.7121
size [# of strips]

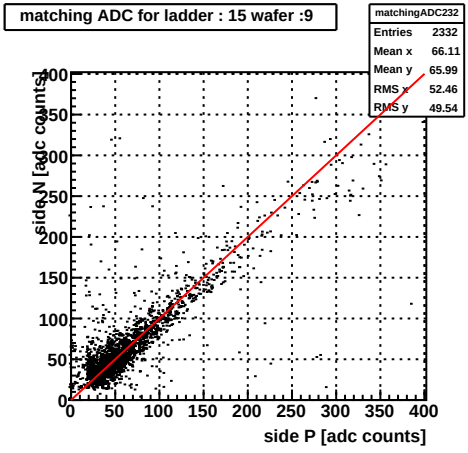

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 8928
Mean x 64.74
Mean y 64.13
RMS x 53.15
RMS y 53.25
side N [adc counts]
side P [adc counts]

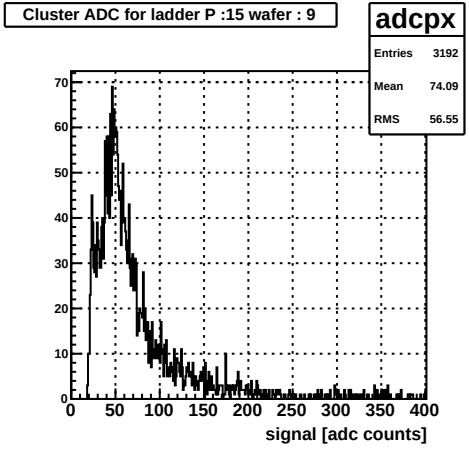

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 32986
Mean 43.31
RMS 44.35
signal [adc counts]

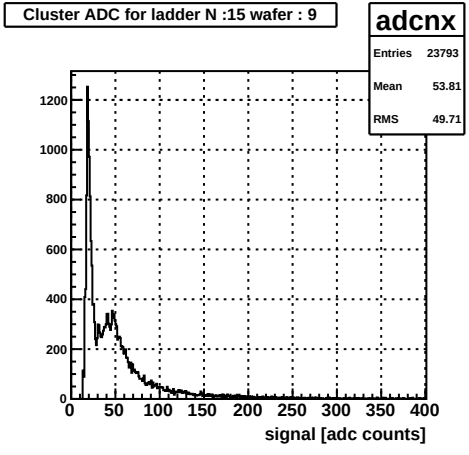

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14925
Mean 59.77
RMS 53.38
signal [adc counts]

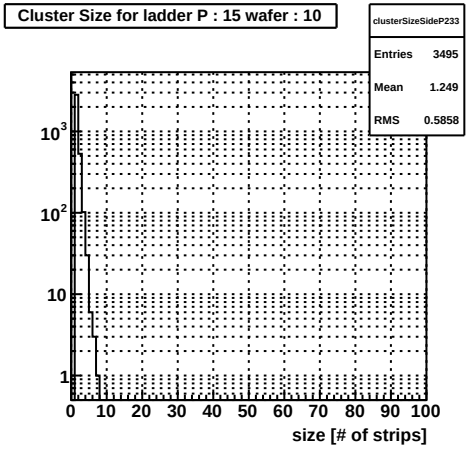

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 3192
Mean 1.29
RMS 0.6206
size [# of strips]

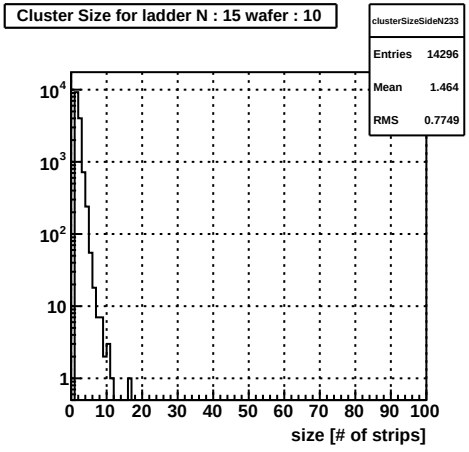

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 23793
Mean 1.435
RMS 0.7466
size [# of strips]

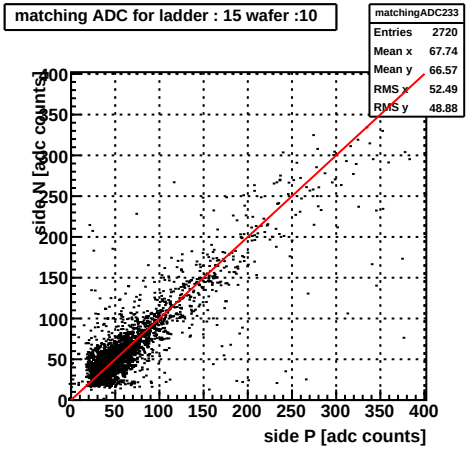

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 2332
Mean x 66.11
Mean y 65.99
RMS x 52.46
RMS y 49.54
side N [adc counts]
side P [adc counts]

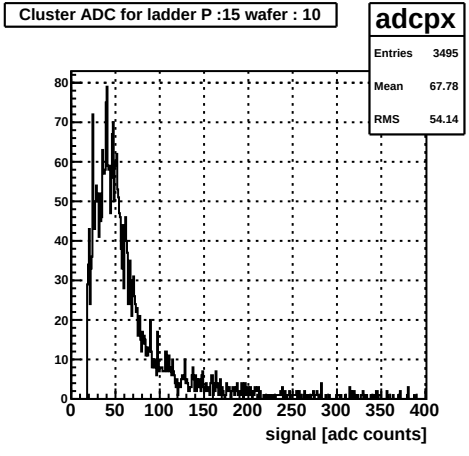

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 3192
Mean 74.09
RMS 56.55
signal [adc counts]

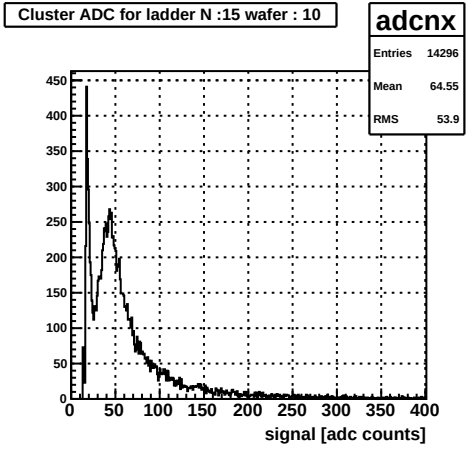

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 23793
Mean 53.81
RMS 49.71
signal [adc counts]

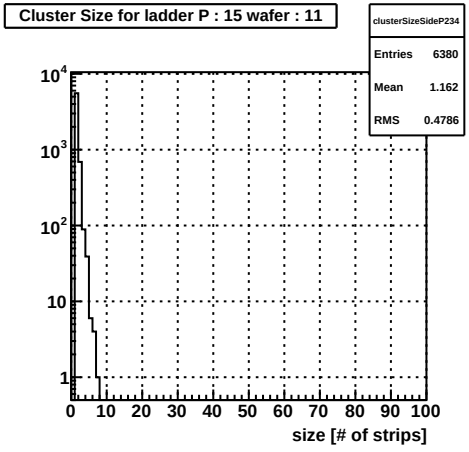

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3495
Mean 1.249
RMS 0.5858
size [# of strips]

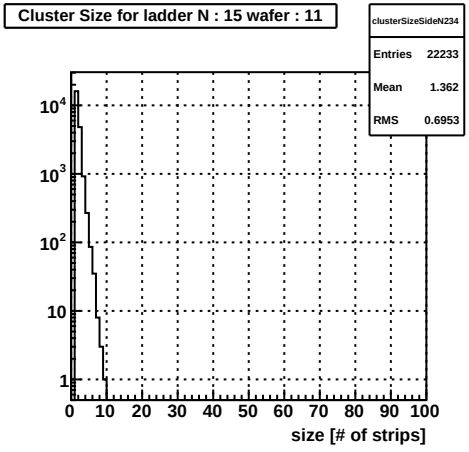

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 14296
Mean 1.464
RMS 0.7749
size [# of strips]

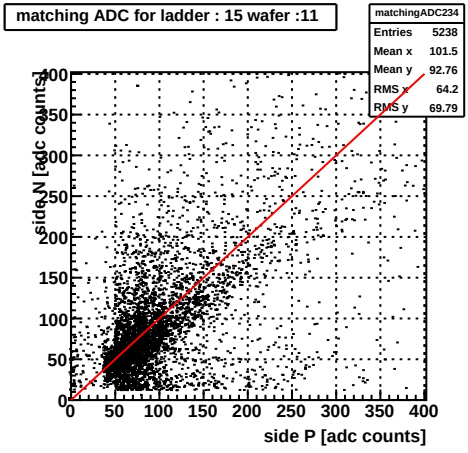

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2720
Mean x 67.74
Mean y 66.57
RMS x 52.49
RMS y 48.88
side N [adc counts]
side P [adc counts]

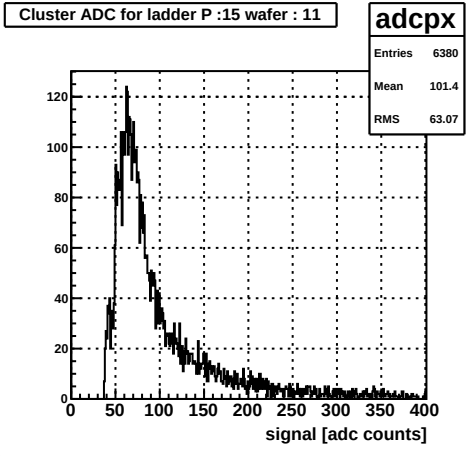

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3495
Mean 67.78
RMS 54.14
signal [adc counts]

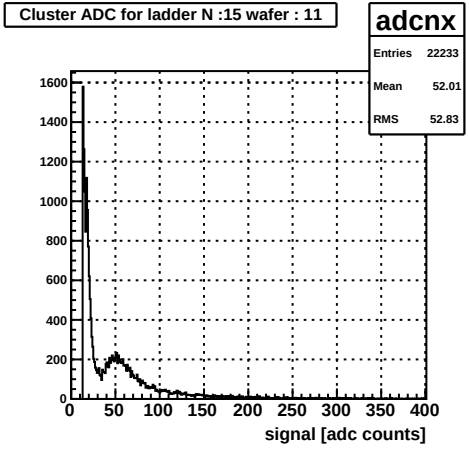

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 14296
Mean 64.55
RMS 53.9
signal [adc counts]

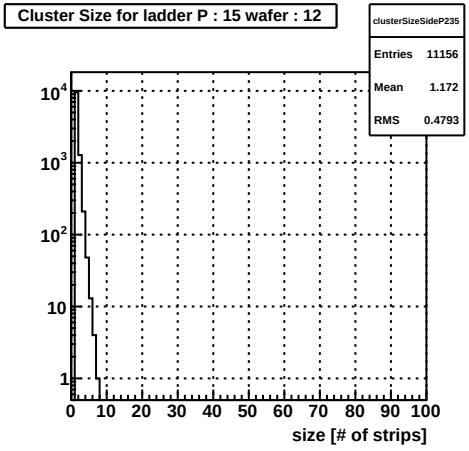

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6380
Mean 1.162
RMS 0.4786
size [# of strips]

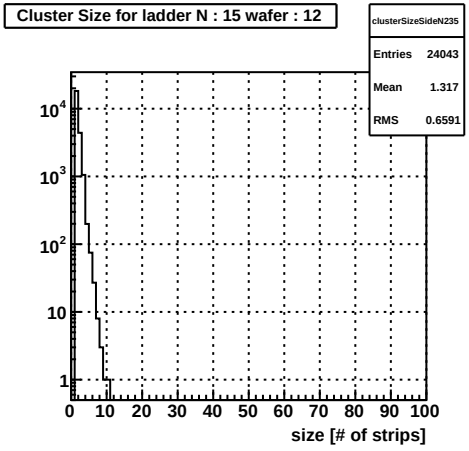

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 22233
Mean 1.362
RMS 0.6953
size [# of strips]

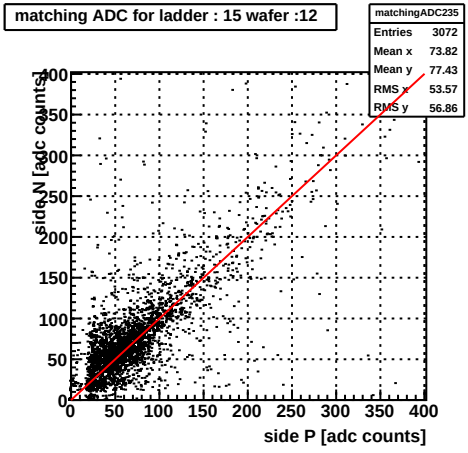

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 5238
Mean x 101.5
Mean y 92.76
RMS x 64.2
RMS y 69.79
side N [adc counts]
side P [adc counts]

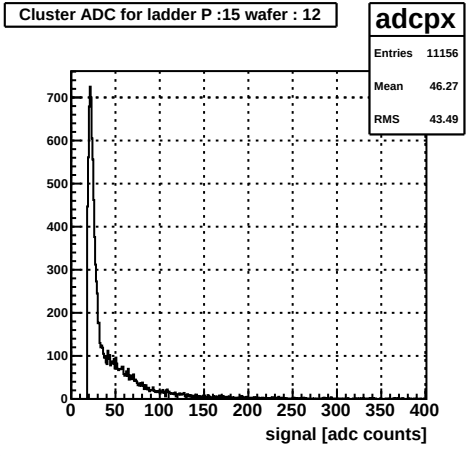

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6380
Mean 101.4
RMS 63.07
signal [adc counts]

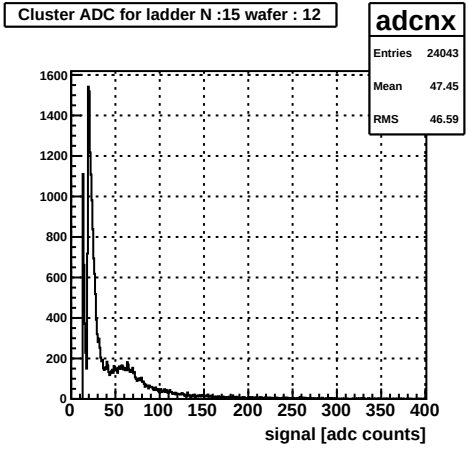

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 22233
Mean 52.01
RMS 52.83
signal [adc counts]

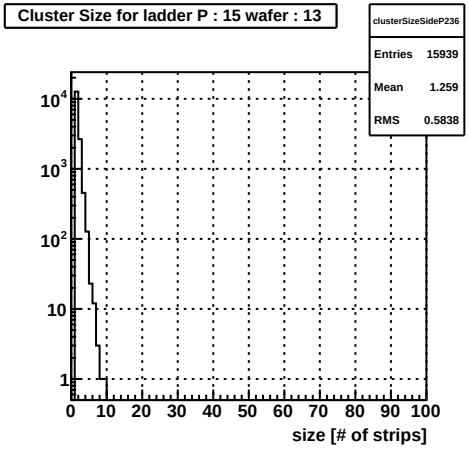

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 11156
Mean 1.172
RMS 0.4793
size [# of strips]

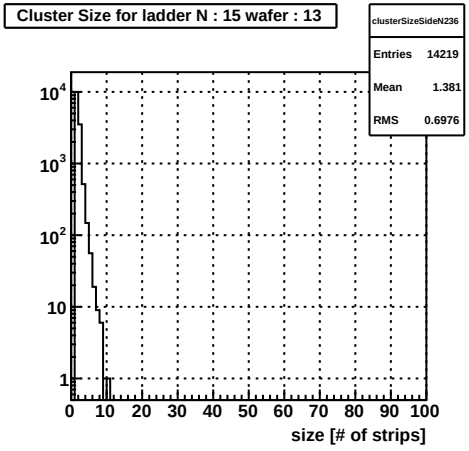

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 24043
Mean 1.317
RMS 0.6591
size [# of strips]

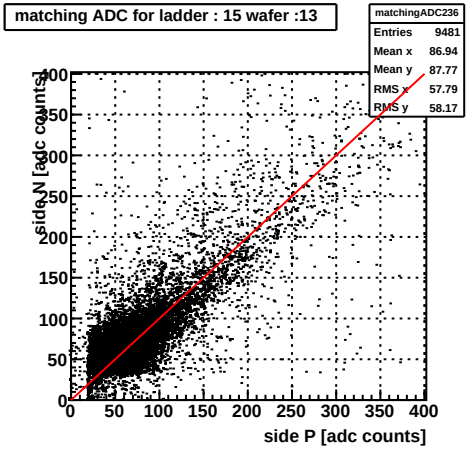

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 3072
Mean x 73.82
Mean y 77.43
RMS x 53.57
RMS y 56.86
side N [adc counts]
side P [adc counts]

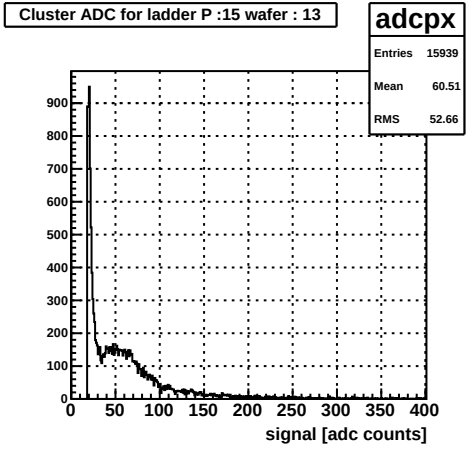

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 11156
Mean 46.27
RMS 43.49
signal [adc counts]

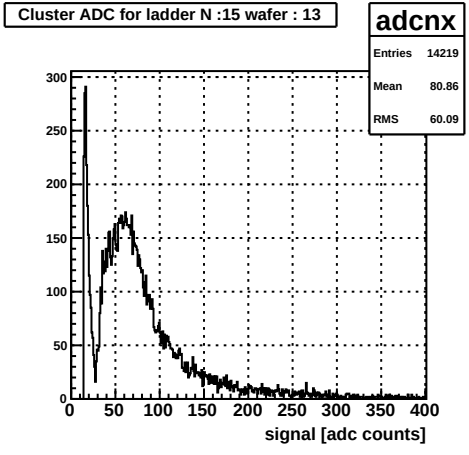

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 24043
Mean 47.45
RMS 46.59
signal [adc counts]

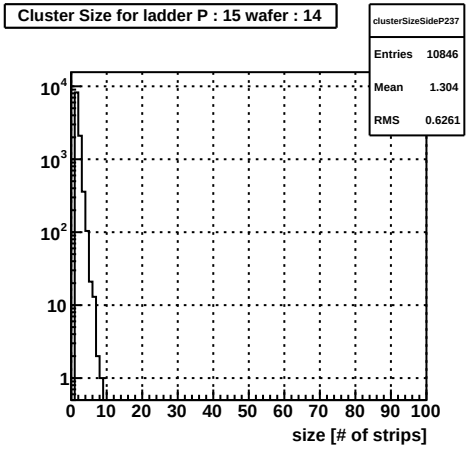

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 15939
Mean 1.259
RMS 0.5838
size [# of strips]

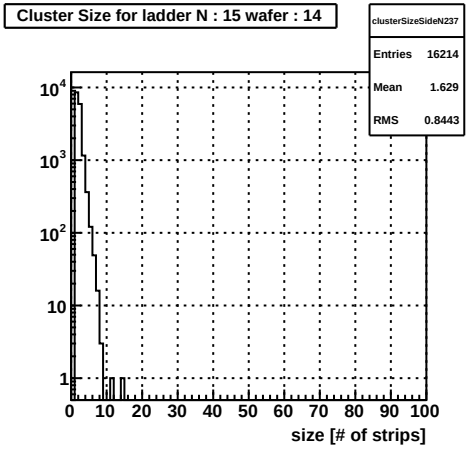

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 14219
Mean 1.381
RMS 0.6976
size [# of strips]

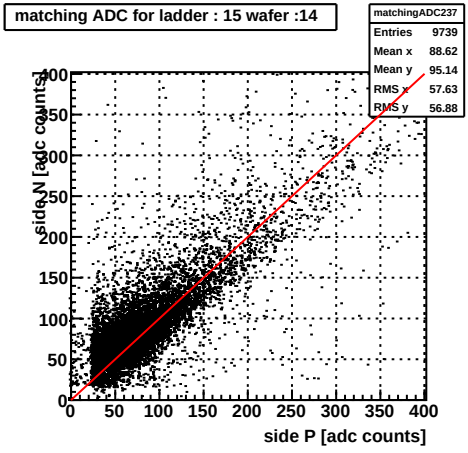

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9481
Mean x 86.94
Mean y 87.77
RMS x 57.79
RMS y 58.17
side N [adc counts]
side P [adc counts]

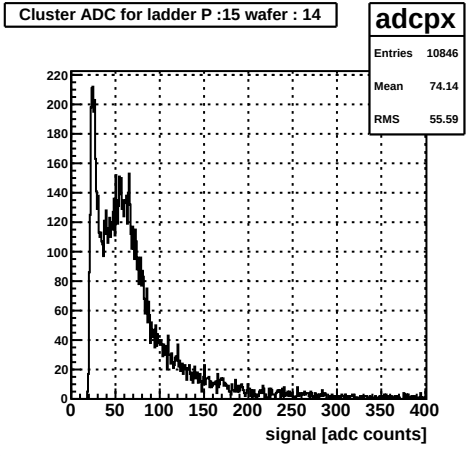

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 15939
Mean 60.51
RMS 52.66
signal [adc counts]

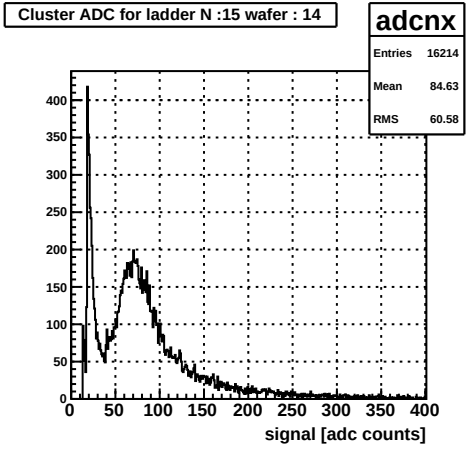

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 14219
Mean 80.86
RMS 60.09
signal [adc counts]

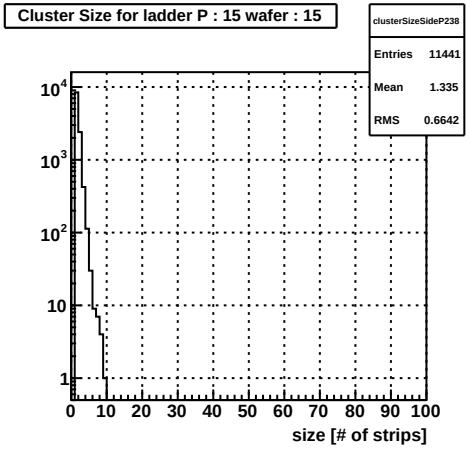

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 10846
Mean 1.304
RMS 0.6261
size [# of strips]

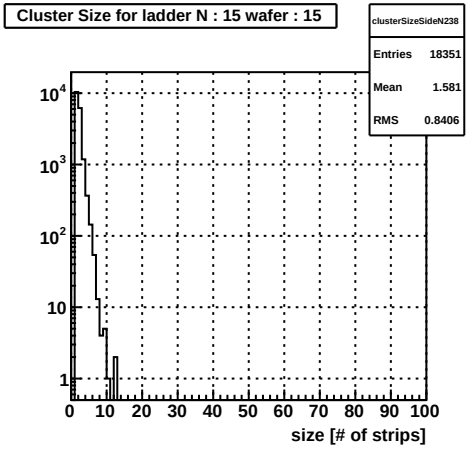

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 16214
Mean 1.629
RMS 0.8443
size [# of strips]

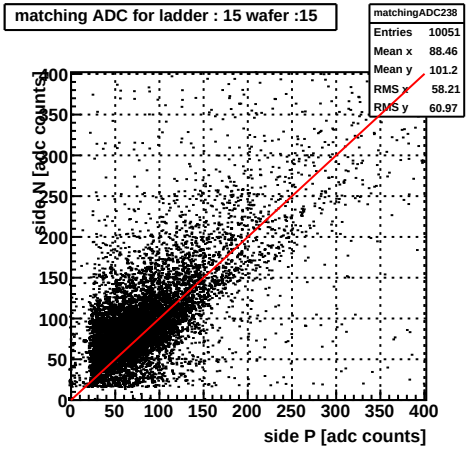

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9739
Mean x 88.62
Mean y 95.14
RMS x 57.63
RMS y 56.88
side N [adc counts]
side P [adc counts]

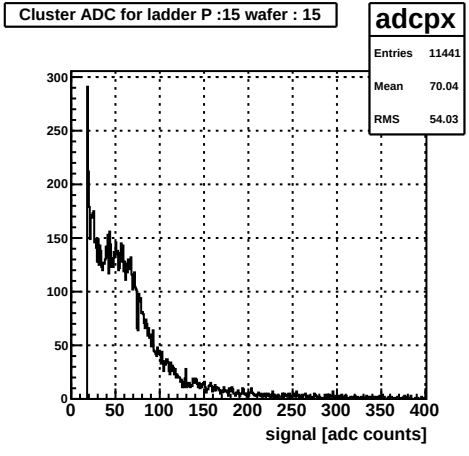

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 10846
Mean 74.14
RMS 55.59
signal [adc counts]

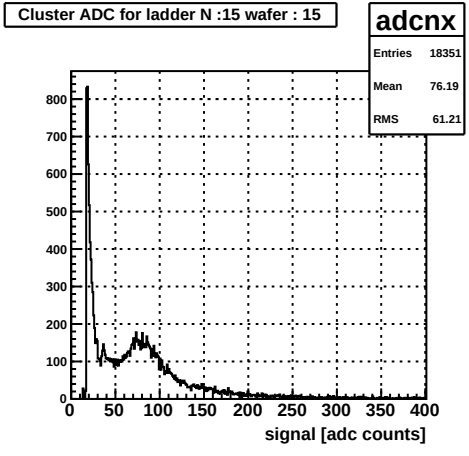

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 16214
Mean 84.63
RMS 60.58
signal [adc counts]

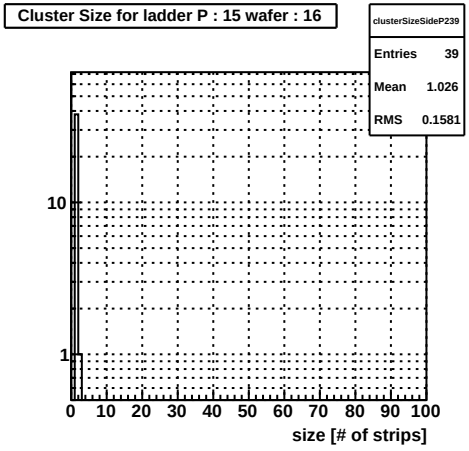

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 11441
Mean 1.335
RMS 0.6642
size [# of strips]

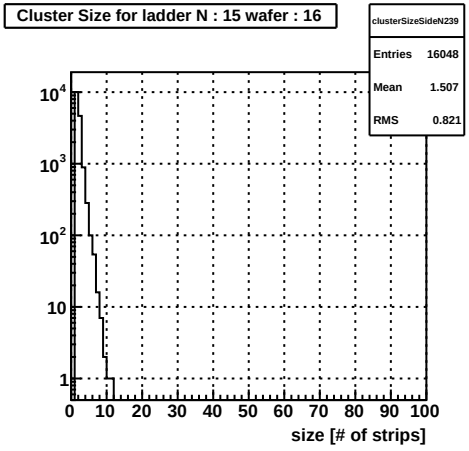

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 18351
Mean 1.581
RMS 0.8406
size [# of strips]

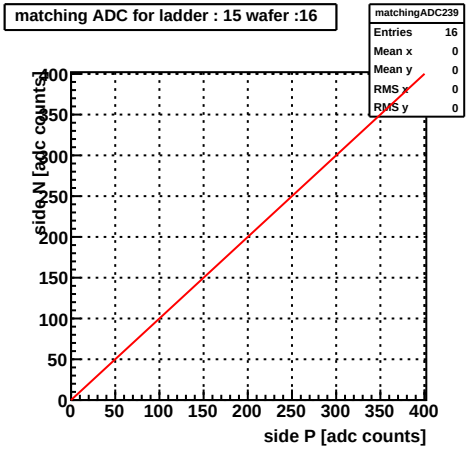

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10051
Mean x 88.46
Mean y 101.2
RMS x 58.21
RMS y 60.97
side N [adc counts]
side P [adc counts]

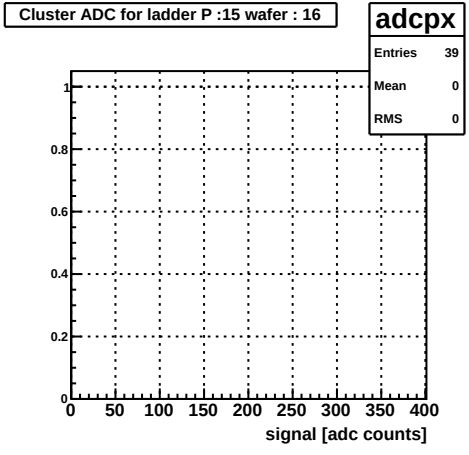

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 11441
Mean 70.04
RMS 54.03
signal [adc counts]

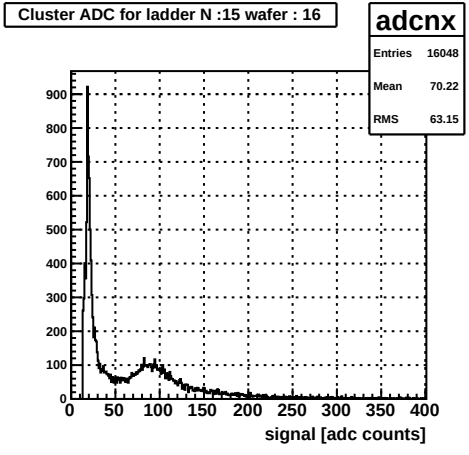

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 18351
Mean 76.19
RMS 61.21
signal [adc counts]

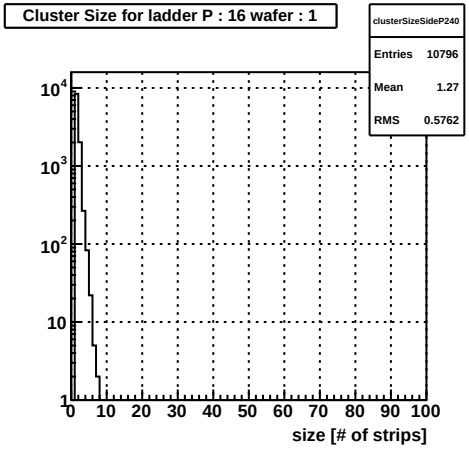

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 39
Mean 1.026
RMS 0.1581
size [# of strips]

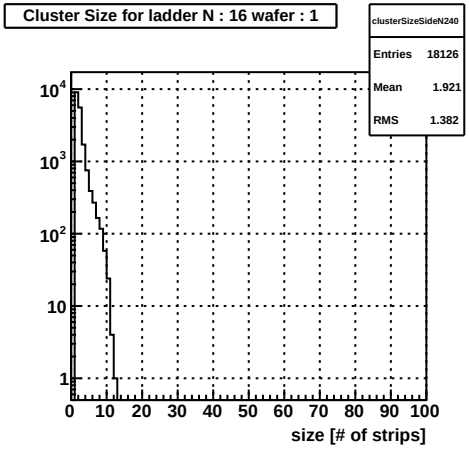

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 16048
Mean 1.507
RMS 0.821
size [# of strips]

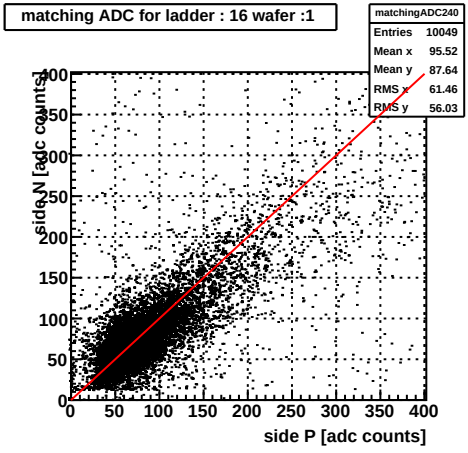

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 16
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

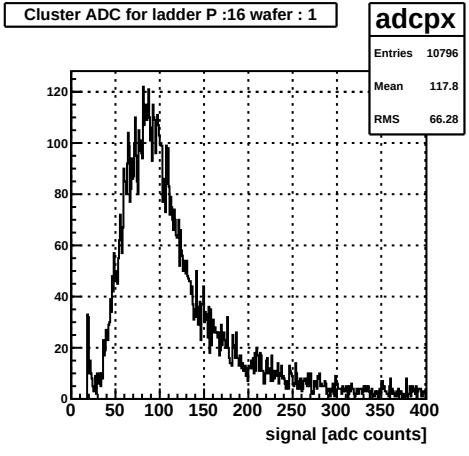

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 39
Mean 0
RMS 0
signal [adc counts]

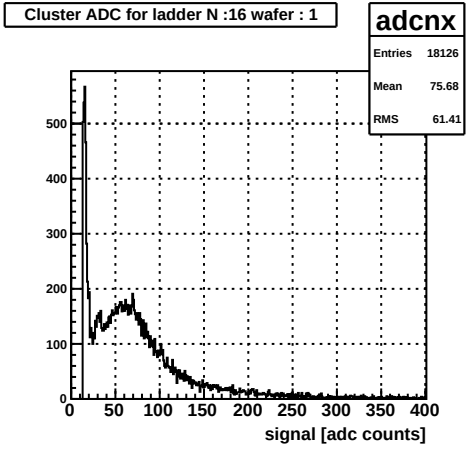

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 16048
Mean 70.22
RMS 63.15
signal [adc counts]

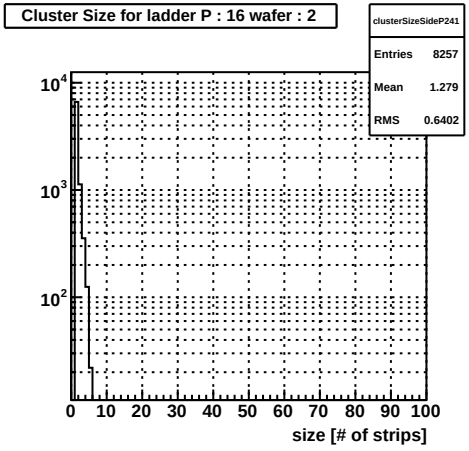

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 10796
Mean 1.27
RMS 0.5762
size [# of strips]

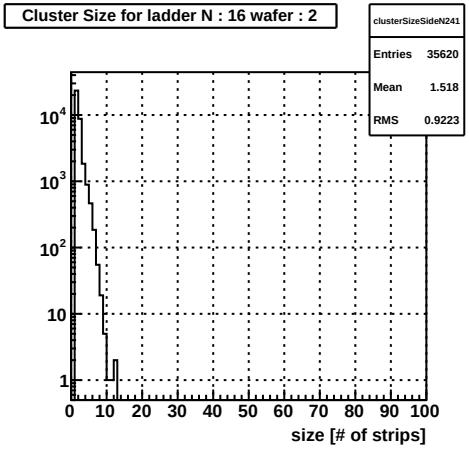

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 18126
Mean 1.921
RMS 1.382
size [# of strips]

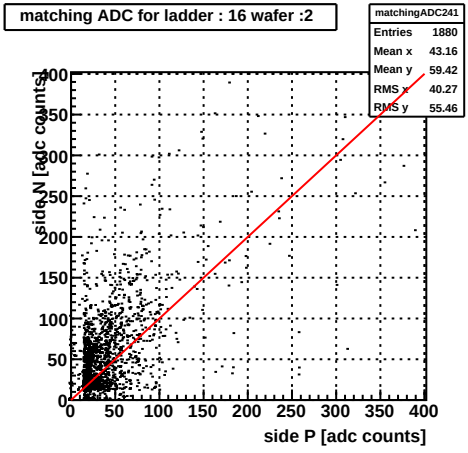

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 10049
Mean x 95.52
Mean y 87.64
RMS x 61.46
RMS y 56.03
side N [adc counts]
side P [adc counts]

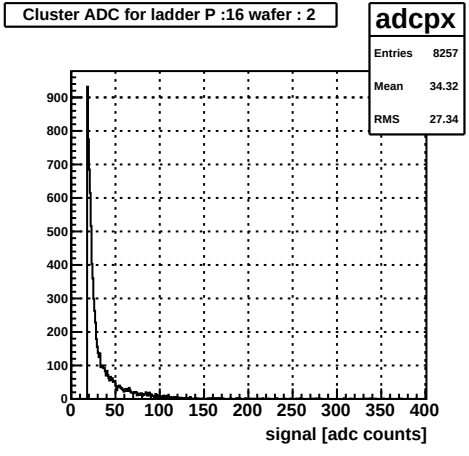

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 10796
Mean 117.8
RMS 66.28
signal [adc counts]

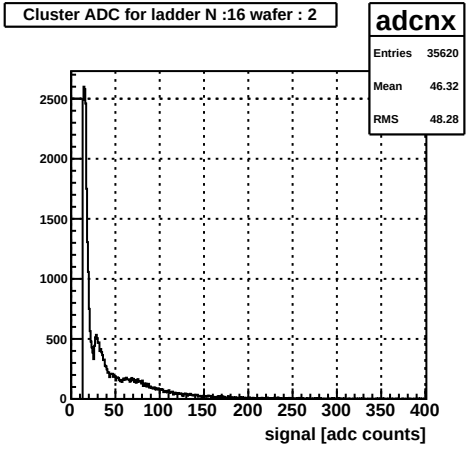

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 18126
Mean 75.68
RMS 61.41
signal [adc counts]

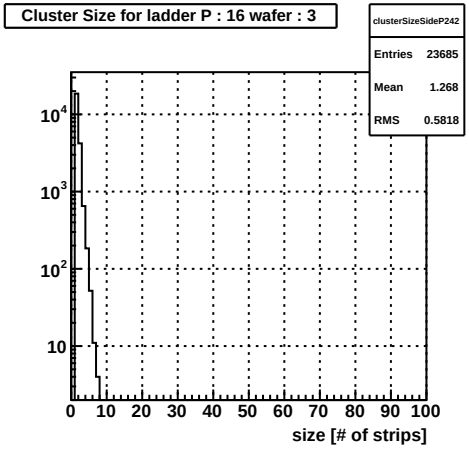

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 8257
Mean 1.279
RMS 0.6402
size [# of strips]

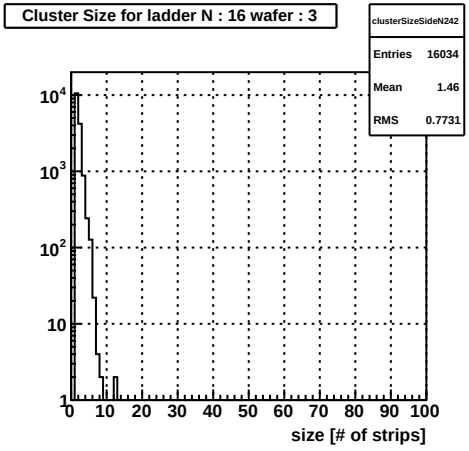

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 35620
Mean 1.518
RMS 0.9223
size [# of strips]

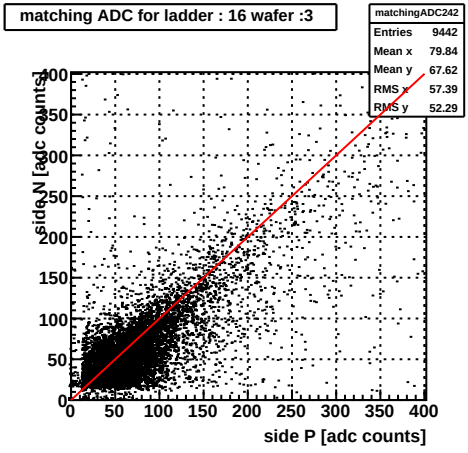

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1880
Mean x 43.16
Mean y 59.42
RMS x 40.27
RMS y 55.46
side N [adc counts]
side P [adc counts]

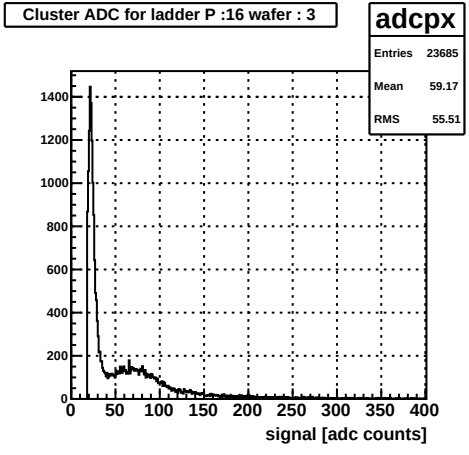

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 8257
Mean 34.32
RMS 27.34
signal [adc counts]

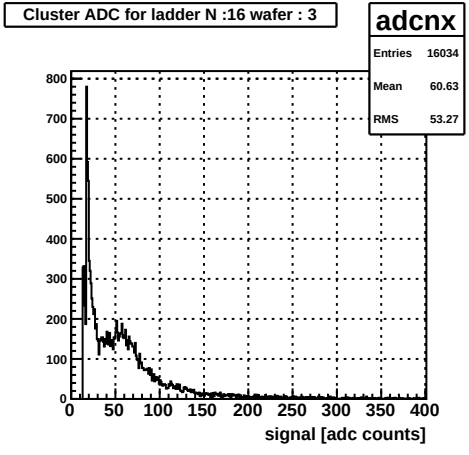

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 35620
Mean 46.32
RMS 48.28
signal [adc counts]

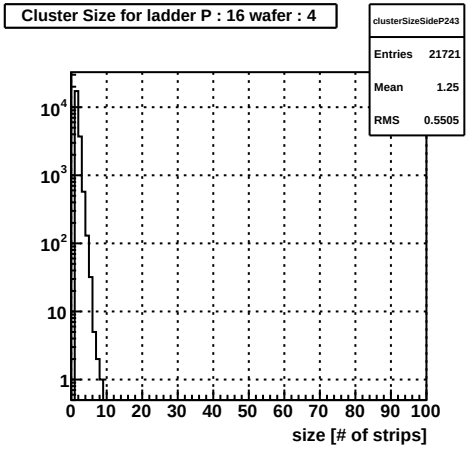

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 23685
Mean 1.268
RMS 0.5818
size [# of strips]

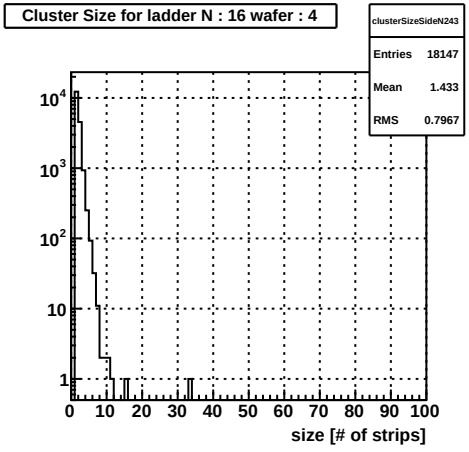

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 16034
Mean 1.46
RMS 0.7731
size [# of strips]

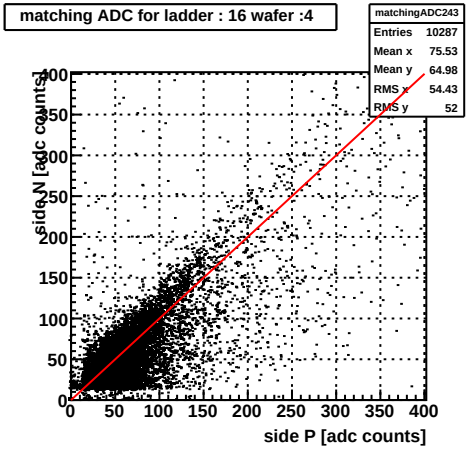

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 9442
Mean x 79.84
Mean y 67.62
RMS x 57.39
RMS y 52.29
side N [adc counts]
side P [adc counts]

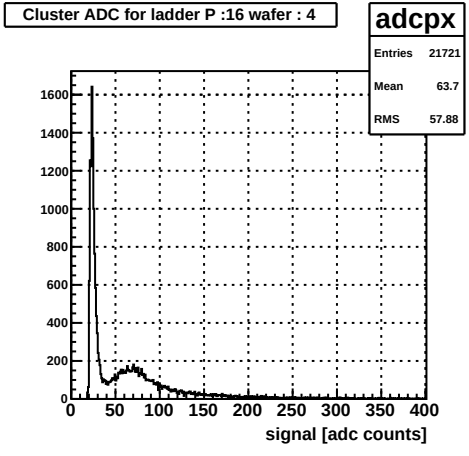

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 23685
Mean 59.17
RMS 55.51
signal [adc counts]

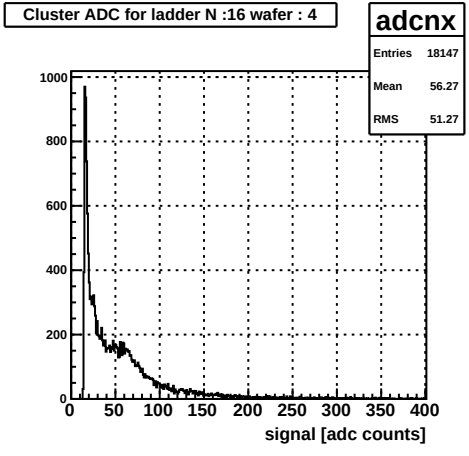

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 16034
Mean 60.63
RMS 53.27
signal [adc counts]

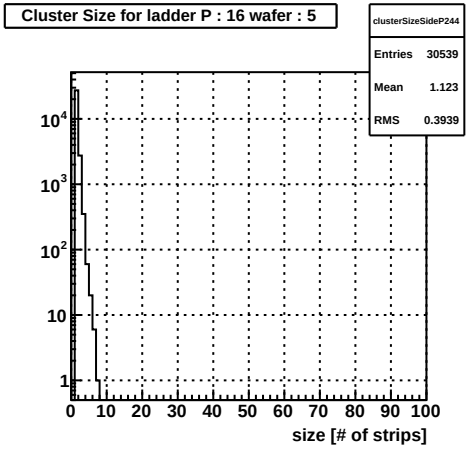

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 21721
Mean 1.25
RMS 0.5505
size [# of strips]

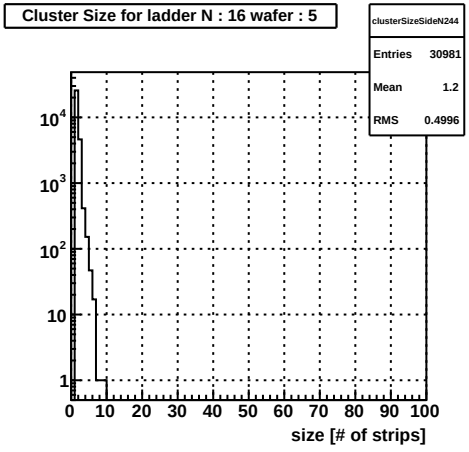

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 18147
Mean 1.433
RMS 0.7967
size [# of strips]

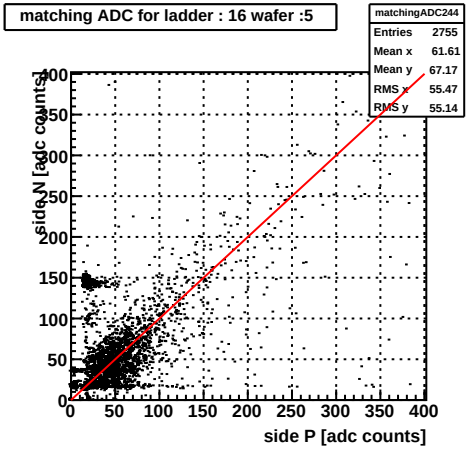

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 10287
Mean x 75.53
Mean y 64.98
RMS x 54.43
RMS y 52
side N [adc counts]
side P [adc counts]

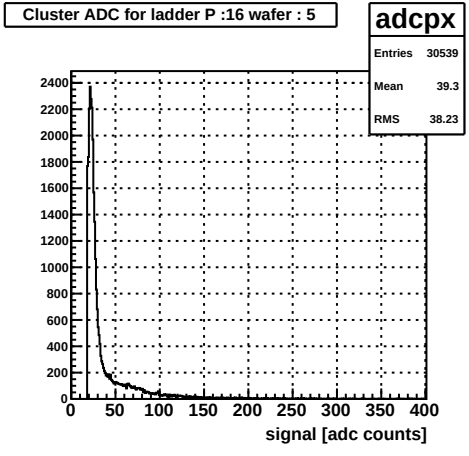

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 21721
Mean 63.7
RMS 57.88
signal [adc counts]

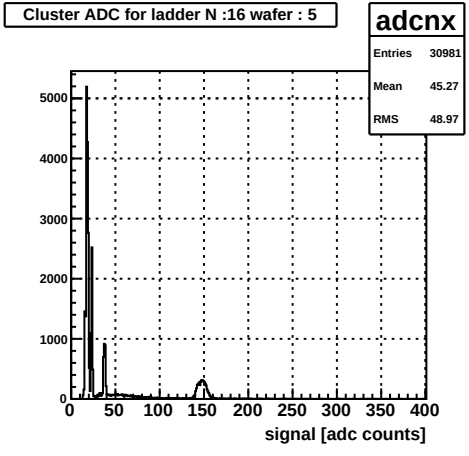

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 18147
Mean 56.27
RMS 51.27
signal [adc counts]

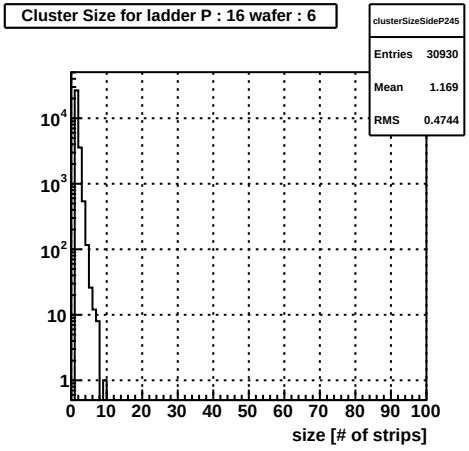

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 30539
Mean 1.123
RMS 0.3939
size [# of strips]

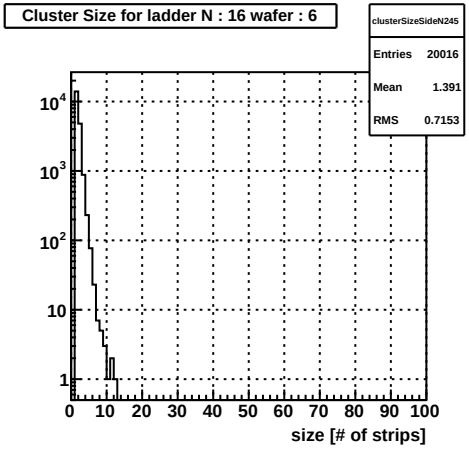

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 30981
Mean 1.2
RMS 0.4996
size [# of strips]

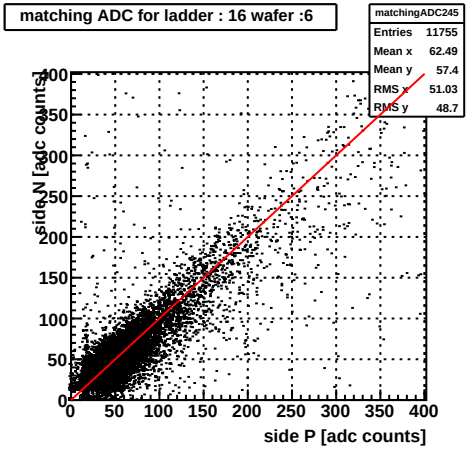

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 2755
Mean x 61.61
Mean y 67.17
RMS x 55.47
RMS y 55.14
side N [adc counts]
side P [adc counts]

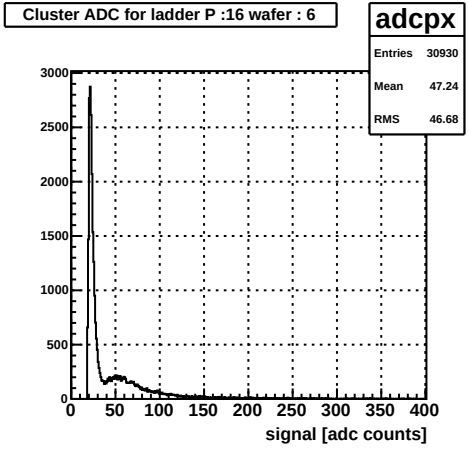

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 30539
Mean 39.3
RMS 38.23
signal [adc counts]

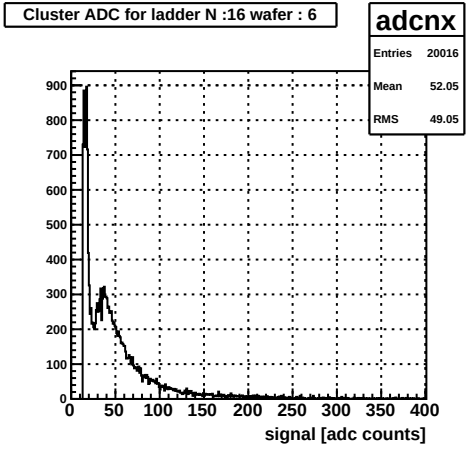

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 30981
Mean 45.27
RMS 48.97
signal [adc counts]

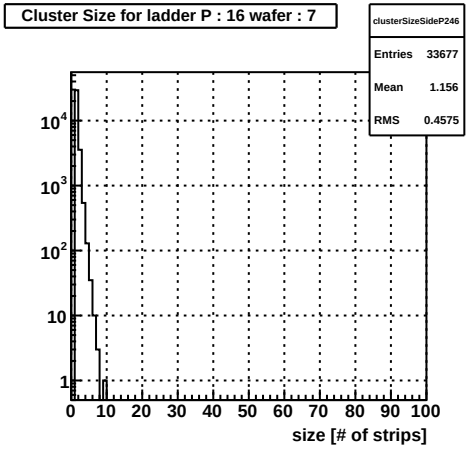

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 30930
Mean 1.169
RMS 0.4744
size [# of strips]

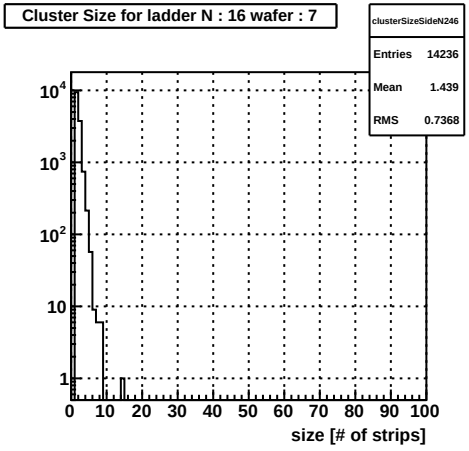

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 20016
Mean 1.391
RMS 0.7153
size [# of strips]

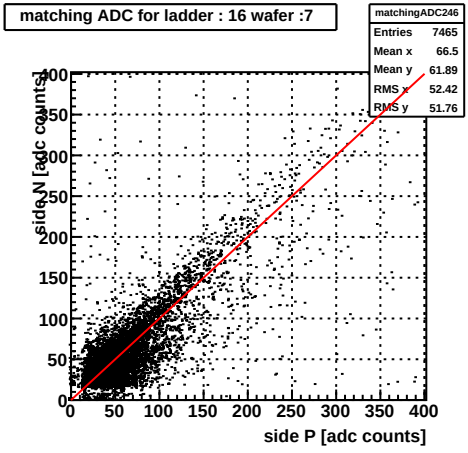

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 11755
Mean x 62.49
Mean y 57.4
RMS x 51.03
RMS y 48.7
side N [adc counts]
side P [adc counts]

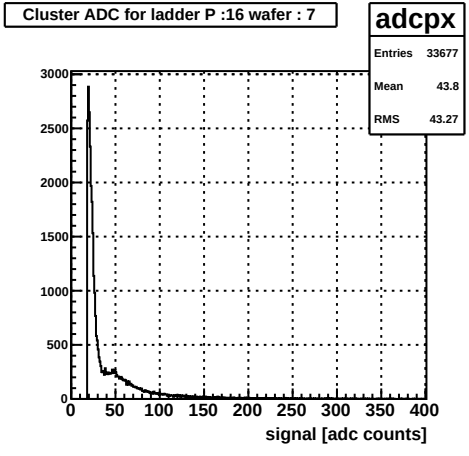

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 30930
Mean 47.24
RMS 46.68
signal [adc counts]

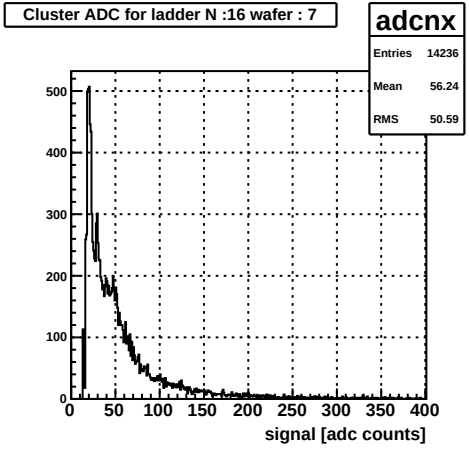

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 20016
Mean 52.05
RMS 49.05
signal [adc counts]

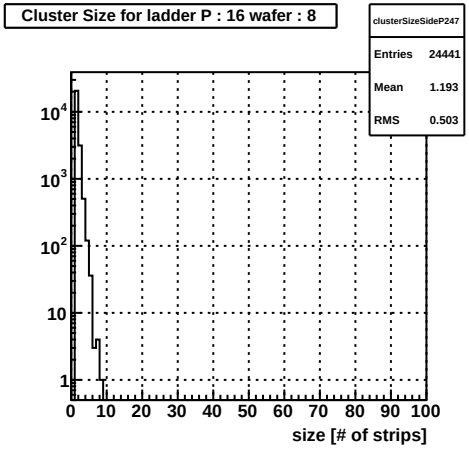

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 33677
Mean 1.156
RMS 0.4575
size [# of strips]

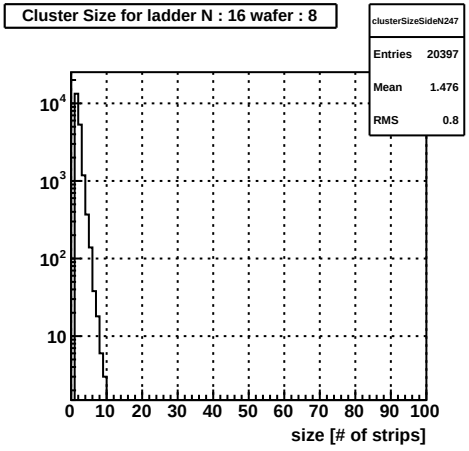

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 14236
Mean 1.439
RMS 0.7368
size [# of strips]

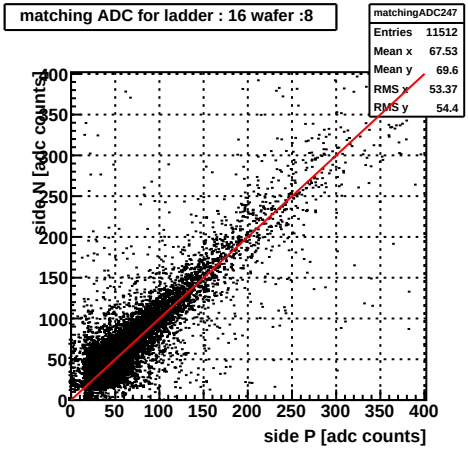

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 7465
Mean x 66.5
Mean y 61.89
RMS x 52.42
RMS y 51.76
side N [adc counts]
side P [adc counts]

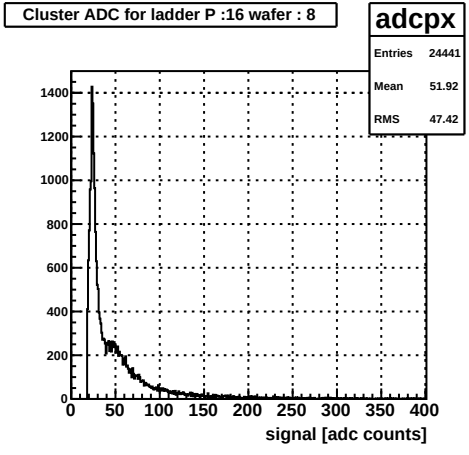

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 33677
Mean 43.8
RMS 43.27
signal [adc counts]

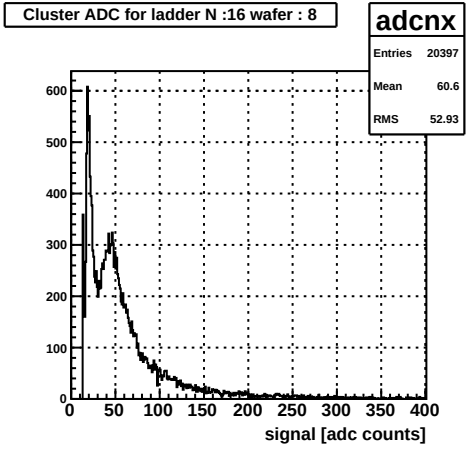

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 14236
Mean 56.24
RMS 50.59
signal [adc counts]

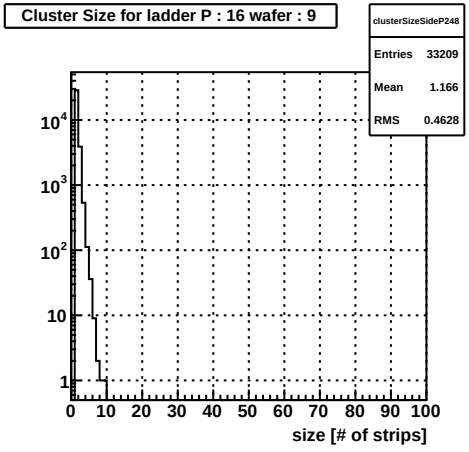

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 24441
Mean 1.193
RMS 0.503
size [# of strips]

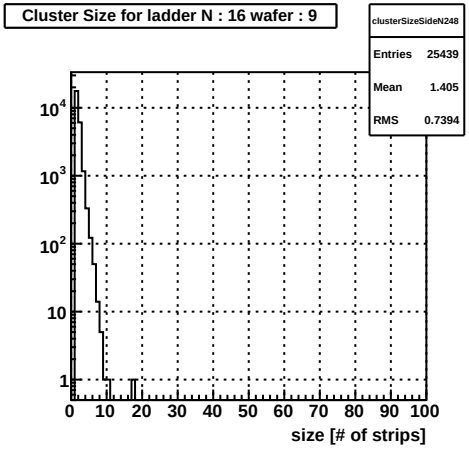

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 20397
Mean 1.476
RMS 0.8
size [# of strips]

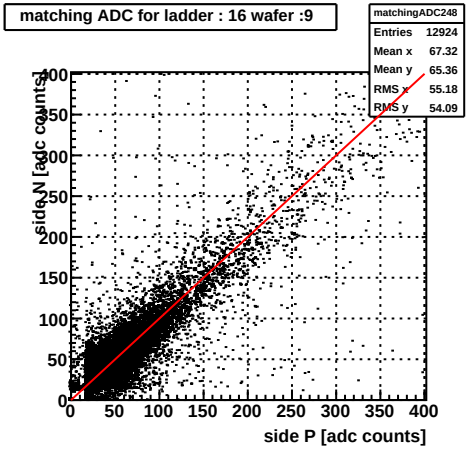

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11512
Mean x 67.53
Mean y 69.6
RMS x 53.37
RMS y 54.4
side N [adc counts]
side P [adc counts]

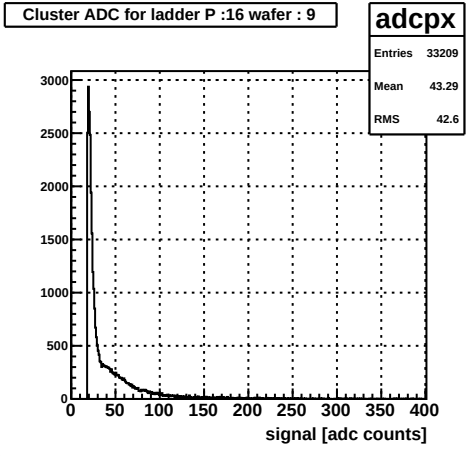

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 24441
Mean 51.92
RMS 47.42
signal [adc counts]

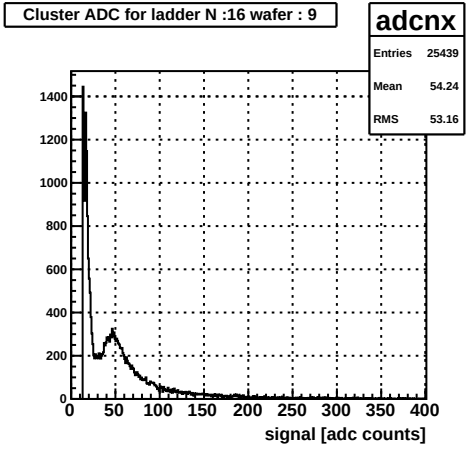

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 20397
Mean 60.6
RMS 52.93
signal [adc counts]

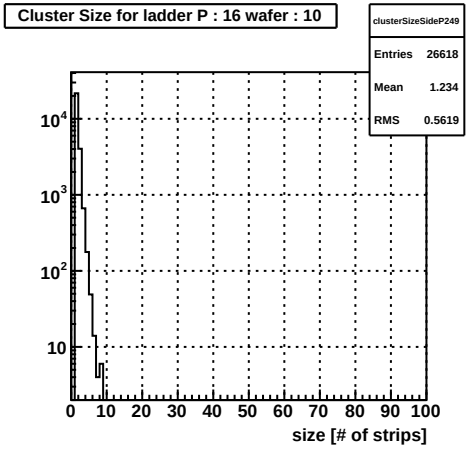

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 33209
Mean 1.166
RMS 0.4628
size [# of strips]

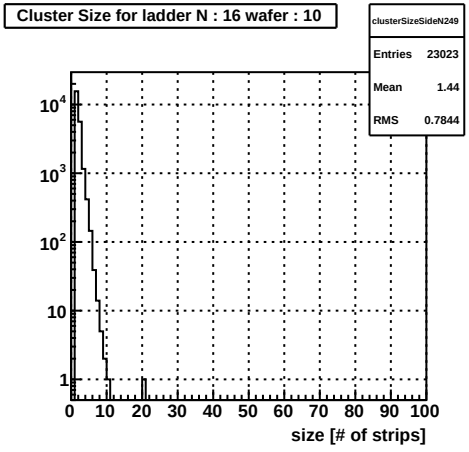

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 25439
Mean 1.405
RMS 0.7394
size [# of strips]

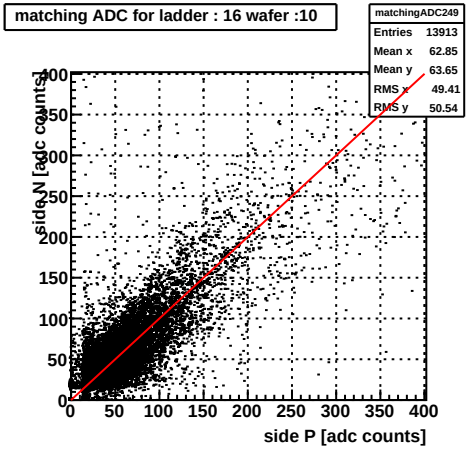

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 12924
Mean x 67.32
Mean y 65.36
RMS x 55.18
RMS y 54.09
side N [adc counts]
side P [adc counts]

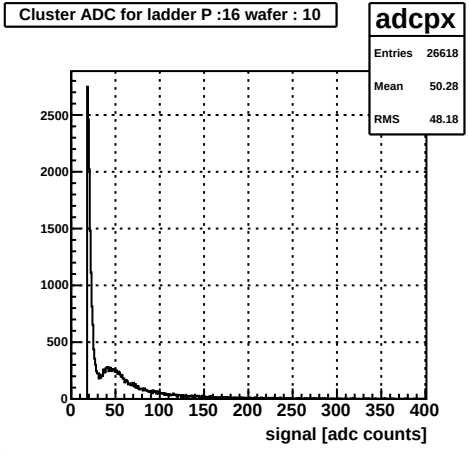

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 33209
Mean 43.29
RMS 42.6
signal [adc counts]

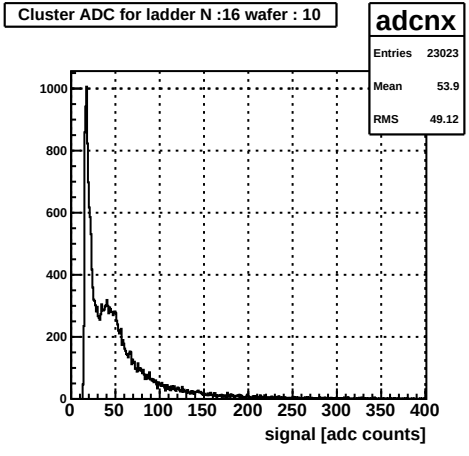

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 25439
Mean 54.24
RMS 53.16
signal [adc counts]

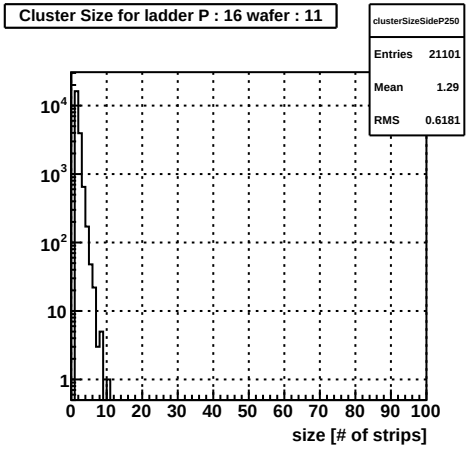

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 26618
Mean 1.234
RMS 0.5619
size [# of strips]

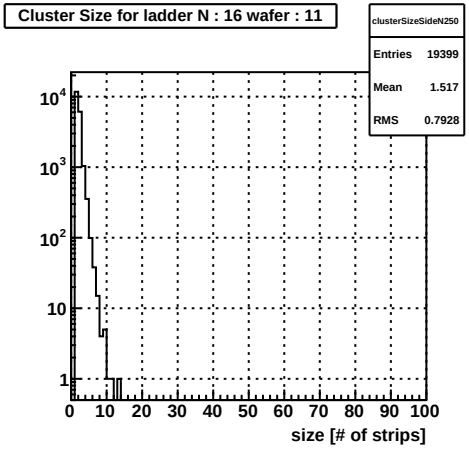

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 23023
Mean 1.44
RMS 0.7844
size [# of strips]

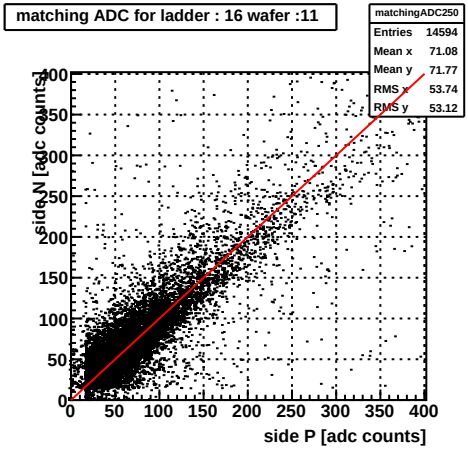

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 13913
Mean x 62.85
Mean y 63.65
RMS x 49.41
RMS y 50.54
side N [adc counts]
side P [adc counts]

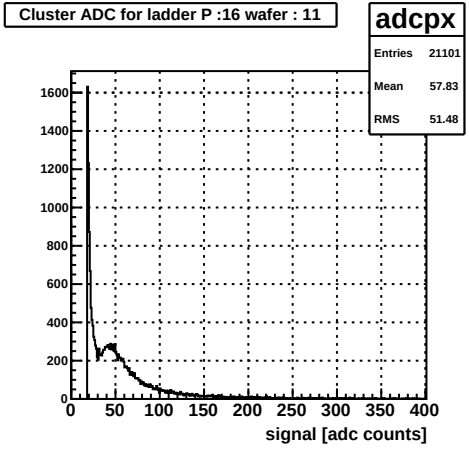

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 26618
Mean 50.28
RMS 48.18
signal [adc counts]

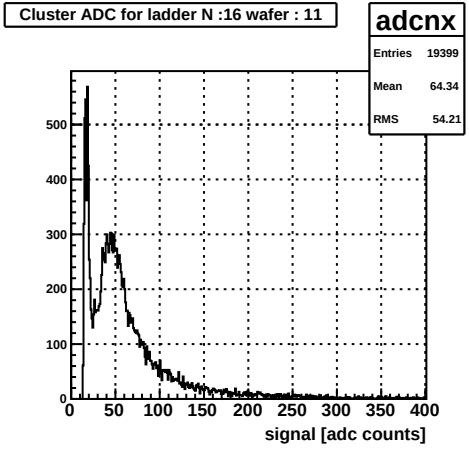

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 23023
Mean 53.9
RMS 49.12
signal [adc counts]

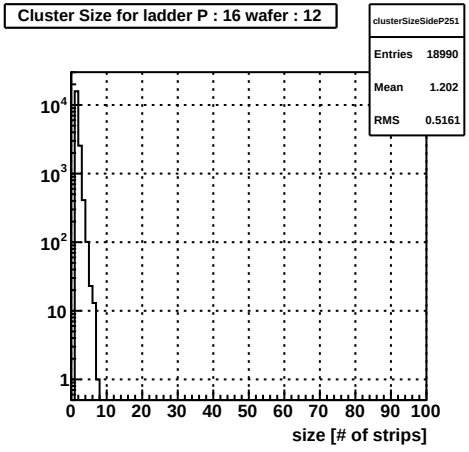

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 21101
Mean 1.29
RMS 0.6181
size [# of strips]

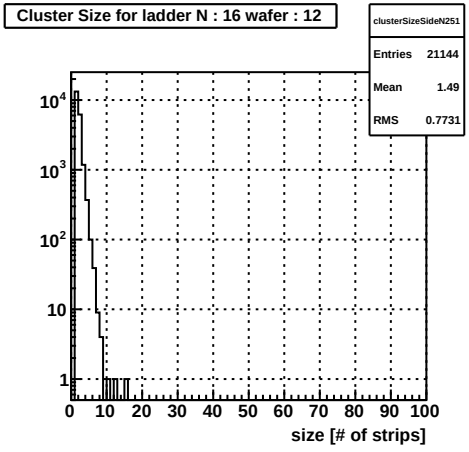

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 19399
Mean 1.517
RMS 0.7928
size [# of strips]

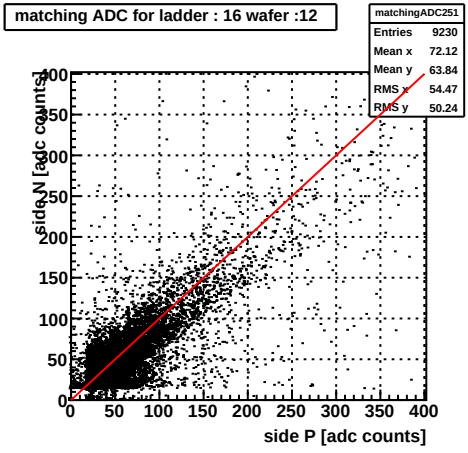

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 14594
Mean x 71.08
Mean y 71.77
RMS x 53.74
RMS y 53.12
side N [adc counts]
side P [adc counts]

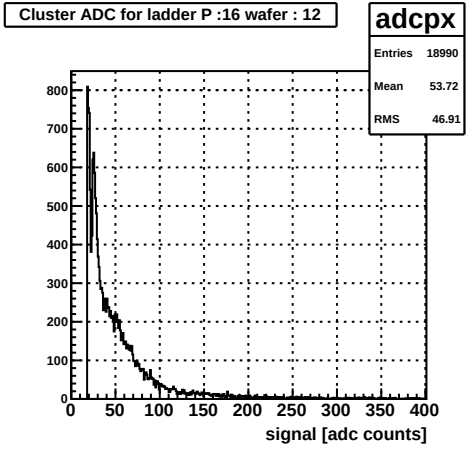

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 21101
Mean 57.83
RMS 51.48
signal [adc counts]

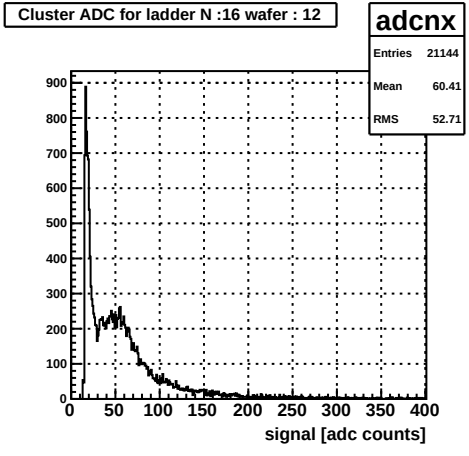

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 19399
Mean 64.34
RMS 54.21
signal [adc counts]

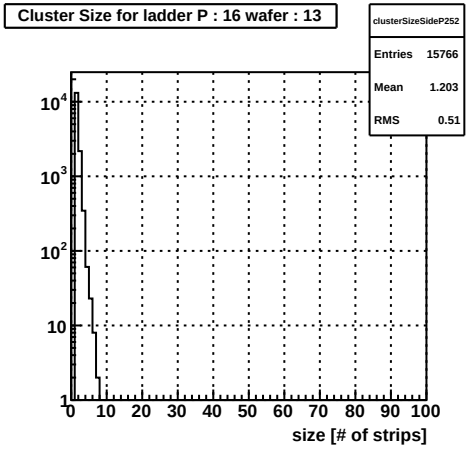

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 18990
Mean 1.202
RMS 0.5161
size [# of strips]

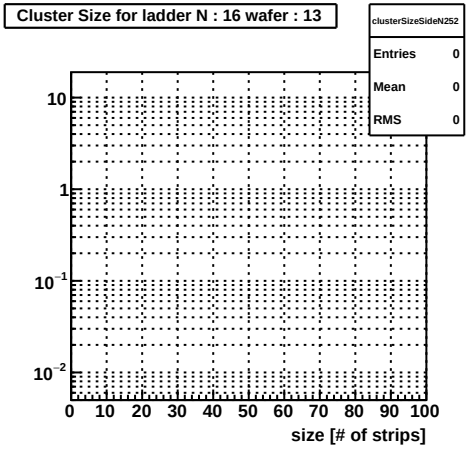

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 21144
Mean 1.49
RMS 0.7731
size [# of strips]

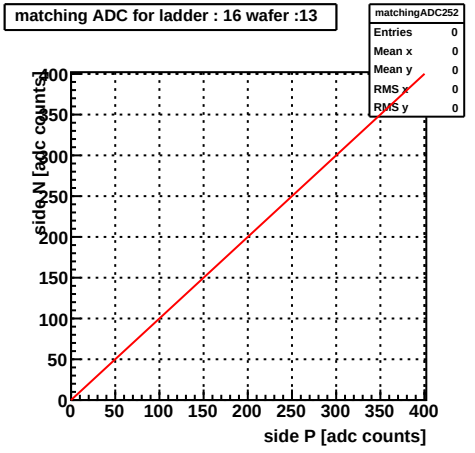

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 9230
Mean x 72.12
Mean y 63.84
RMS x 54.47
RMS y 50.24
side N [adc counts]
side P [adc counts]

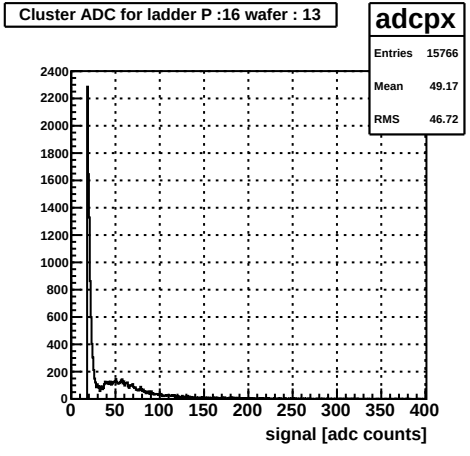

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 18990
Mean 53.72
RMS 46.91
signal [adc counts]

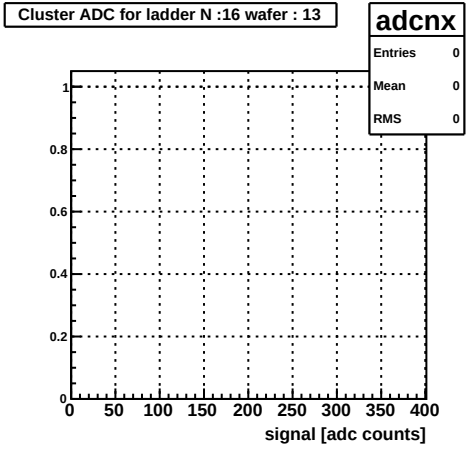

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 21144
Mean 60.41
RMS 52.71
signal [adc counts]

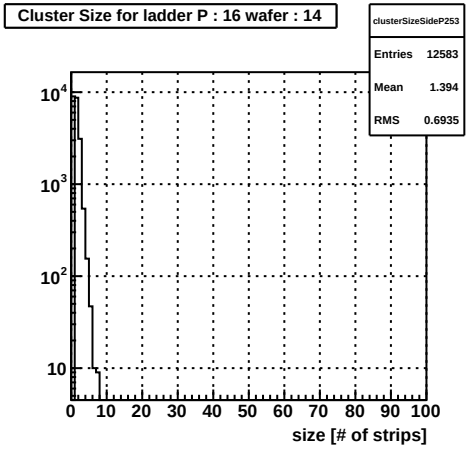

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 15766
Mean 1.203
RMS 0.51
size [# of strips]

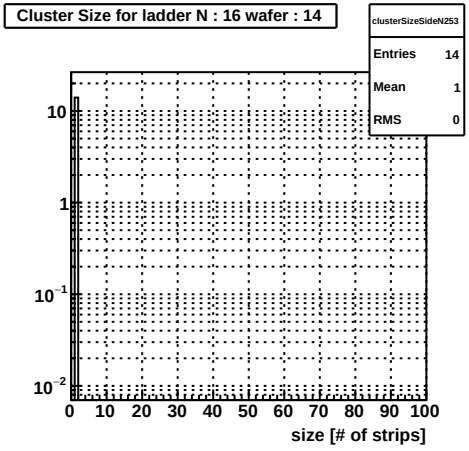

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

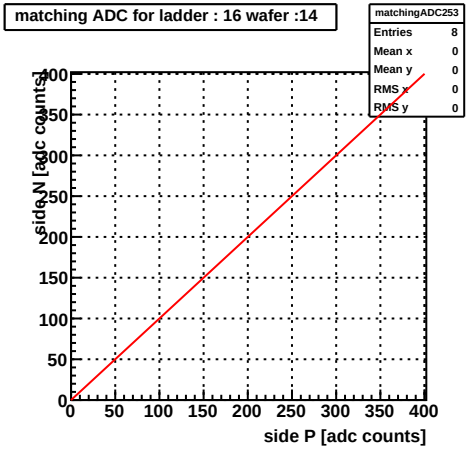

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

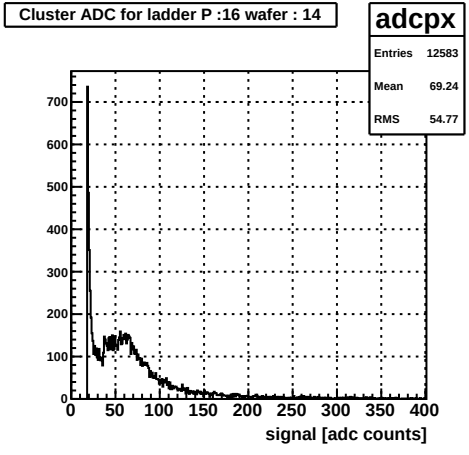

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 15766
Mean 49.17
RMS 46.72
signal [adc counts]

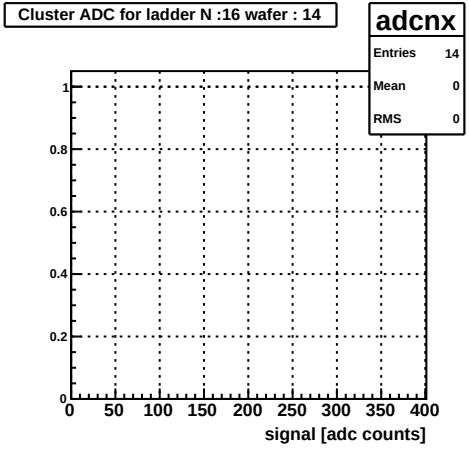

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

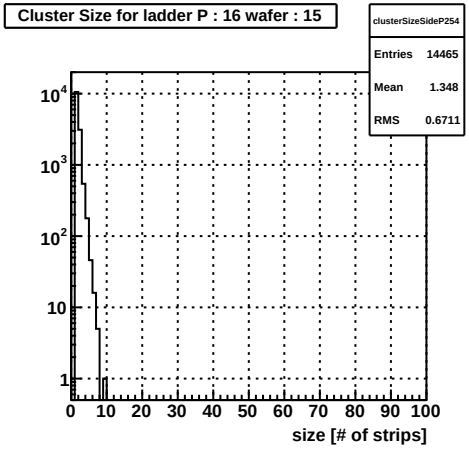

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 12583
Mean 1.394
RMS 0.6935
size [# of strips]

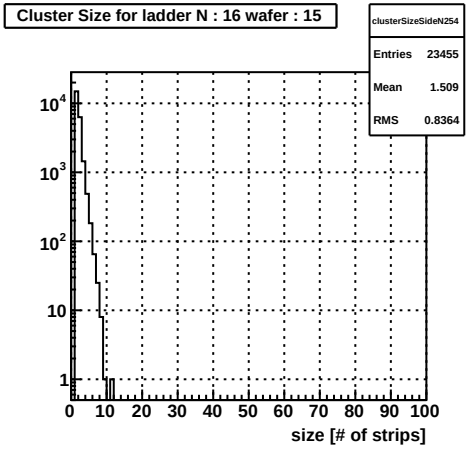

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 14
Mean 1
RMS 0
size [# of strips]

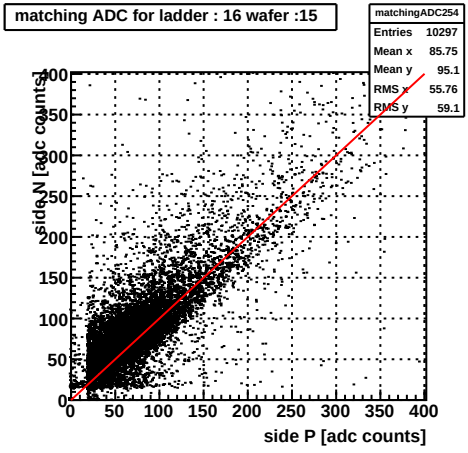

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

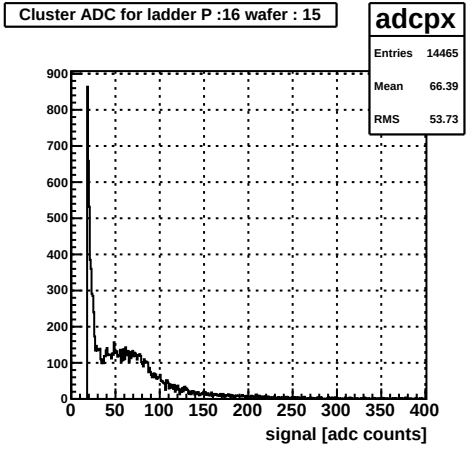

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 12583
Mean 69.24
RMS 54.77
signal [adc counts]

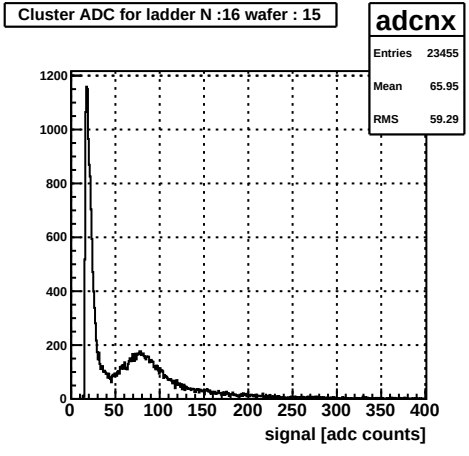

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 14
Mean 0
RMS 0
signal [adc counts]

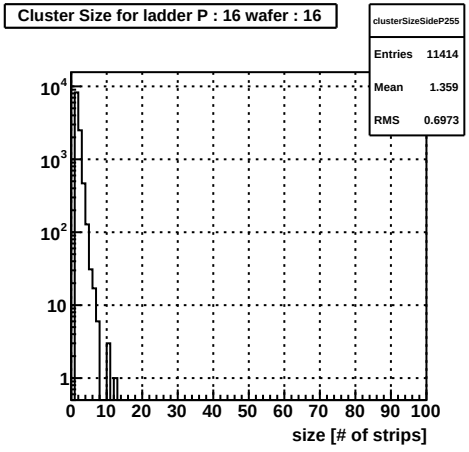

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 14465
Mean 1.348
RMS 0.6711
size [# of strips]

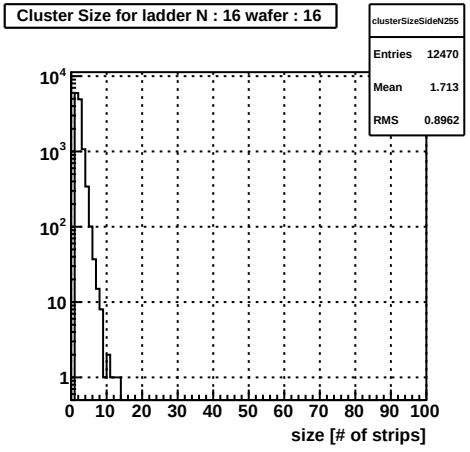

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 23455
Mean 1.509
RMS 0.8364
size [# of strips]

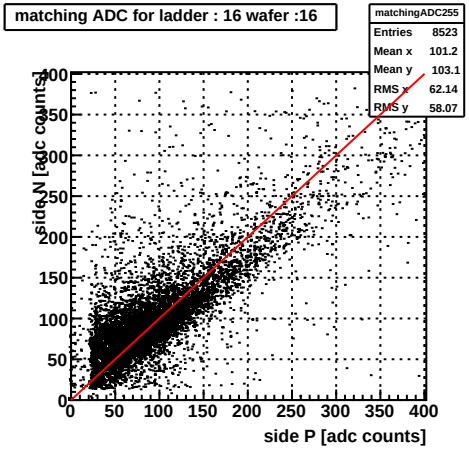

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 10297
Mean x 85.75
Mean y 95.1
RMS x 55.76
RMS y 59.1
side N [adc counts]
side P [adc counts]

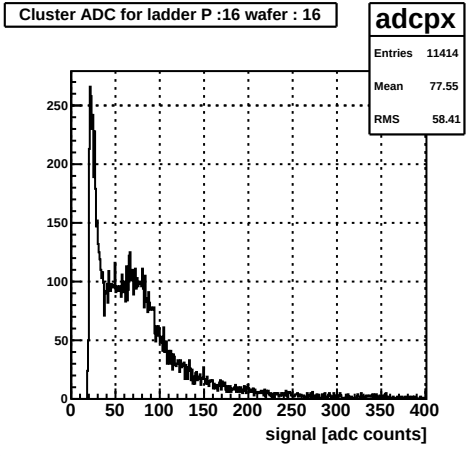

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 14465
Mean 66.39
RMS 53.73
signal [adc counts]

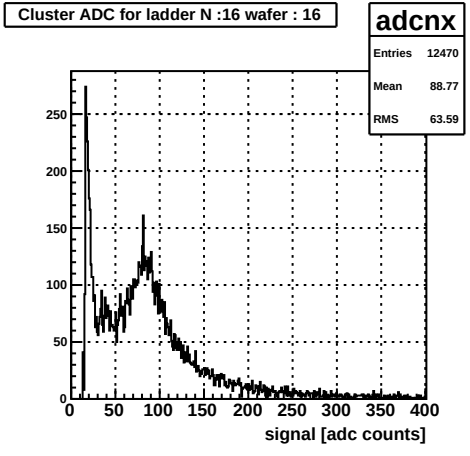

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 23455
Mean 65.95
RMS 59.29
signal [adc counts]

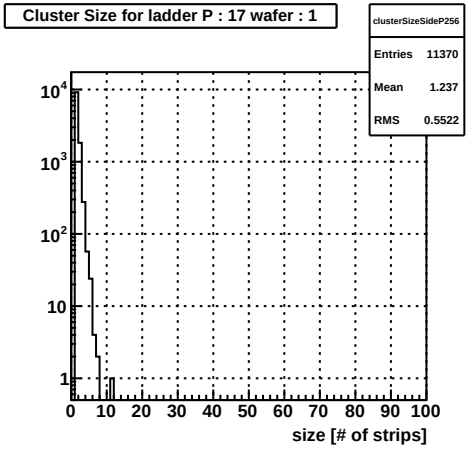

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 11414
Mean 1.359
RMS 0.6973
size [# of strips]

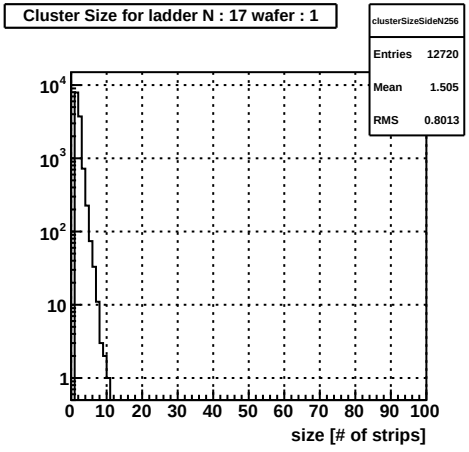

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 12470
Mean 1.713
RMS 0.8962
size [# of strips]

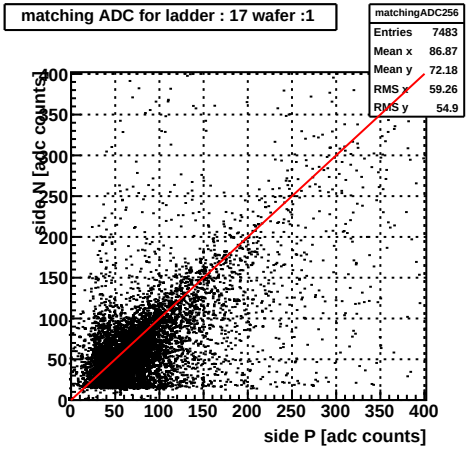

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8523
Mean x 101.2
Mean y 103.1
RMS x 62.14
RMS y 58.07
side N [adc counts]
side P [adc counts]

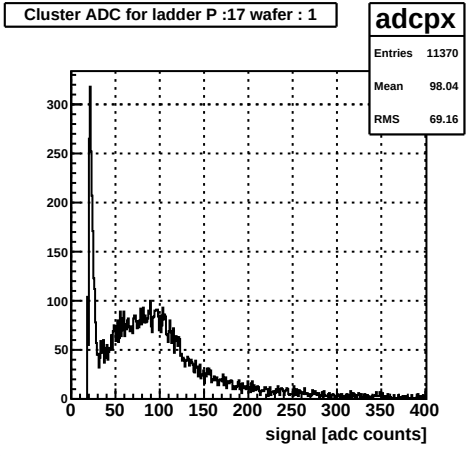

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 11414
Mean 77.55
RMS 58.41
signal [adc counts]

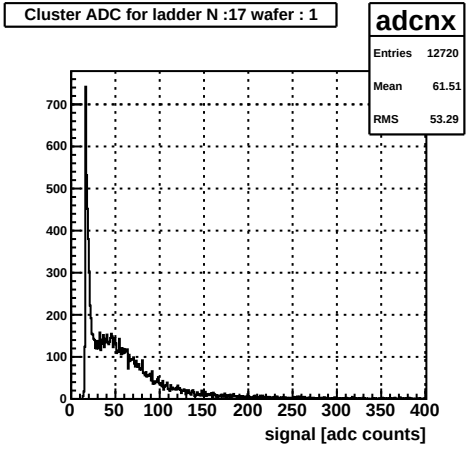

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 12470
Mean 88.77
RMS 63.59
signal [adc counts]

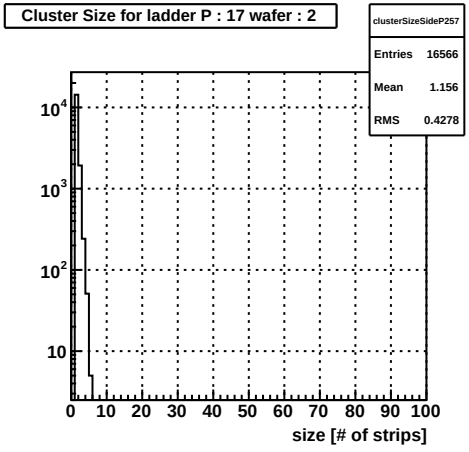

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 11370
Mean 1.237
RMS 0.5522
size [# of strips]

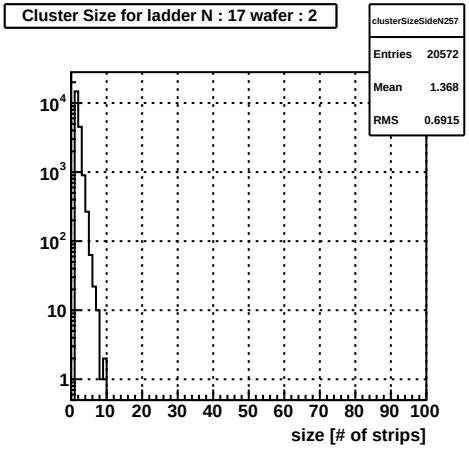

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 12720
Mean 1.505
RMS 0.8013
size [# of strips]

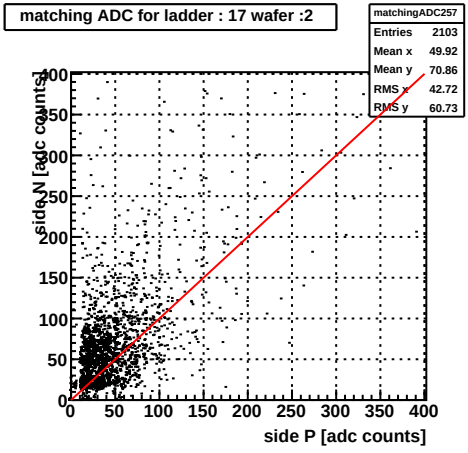

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7483
Mean x 86.87
Mean y 72.18
RMS x 59.26
RMS y 54.9
side N [adc counts]
side P [adc counts]

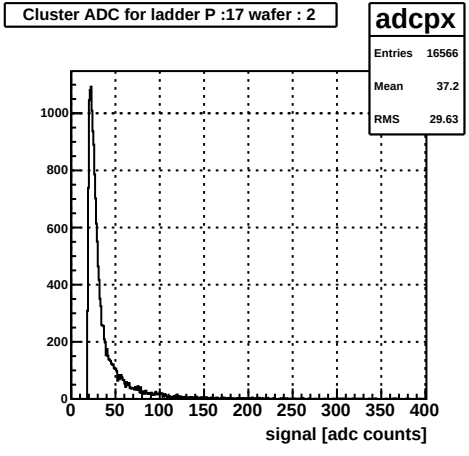

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 11370
Mean 98.04
RMS 69.16
signal [adc counts]

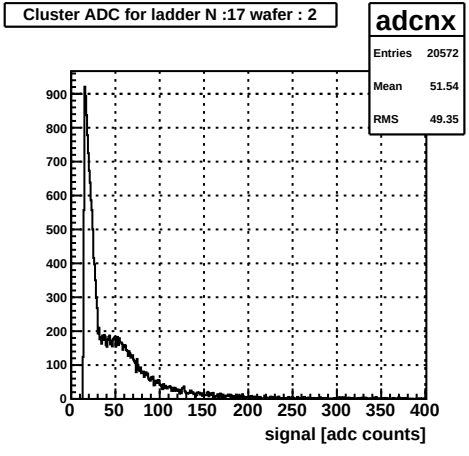

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 12720
Mean 61.51
RMS 53.29
signal [adc counts]

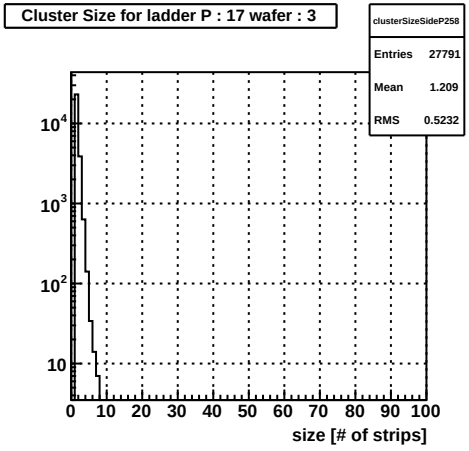

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 16566
Mean 1.156
RMS 0.4278
size [# of strips]

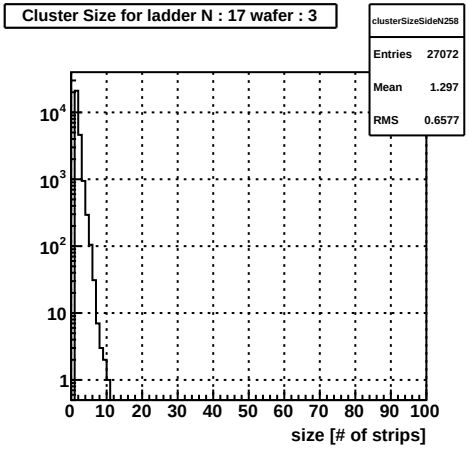

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 20572
Mean 1.368
RMS 0.6915
size [# of strips]

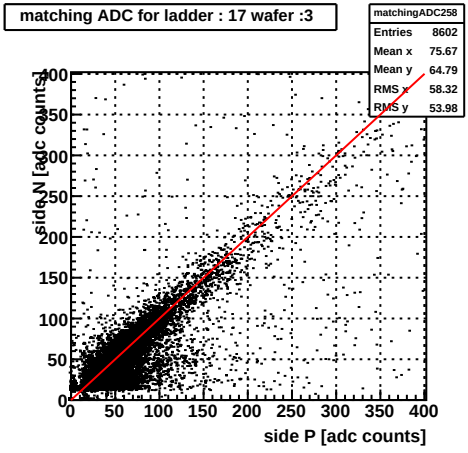

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 2103
Mean x 49.92
Mean y 70.86
RMS x 42.72
RMS y 60.73
side N [adc counts]
side P [adc counts]

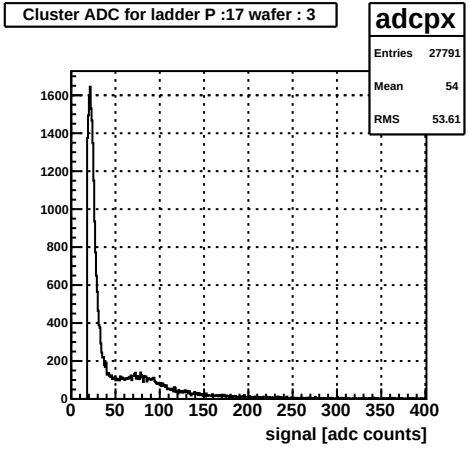

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 16566
Mean 37.2
RMS 29.63
signal [adc counts]

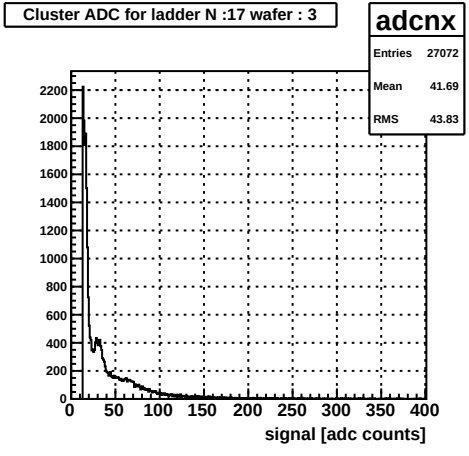

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 20572
Mean 51.54
RMS 49.35
signal [adc counts]

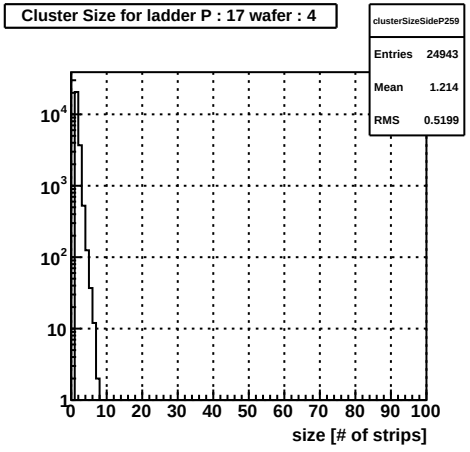

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 27791
Mean 1.209
RMS 0.5232
size [# of strips]

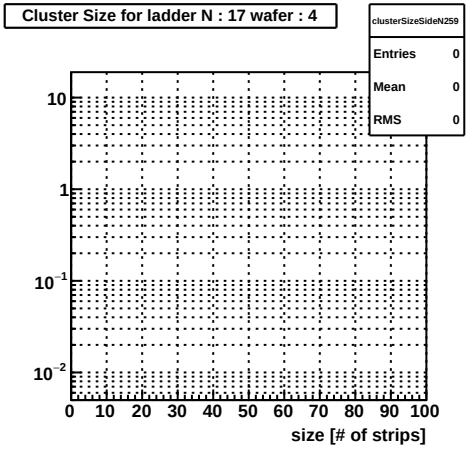

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 27072
Mean 1.297
RMS 0.6577
size [# of strips]

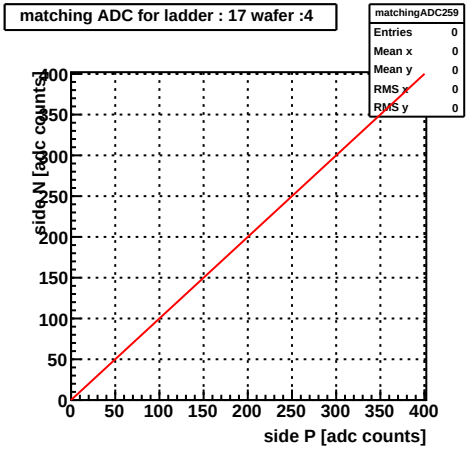

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 8602
Mean x 75.67
Mean y 64.79
RMS x 58.32
RMS y 53.98
side N [adc counts]
side P [adc counts]

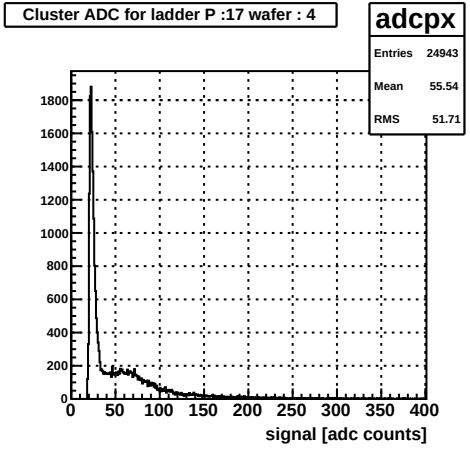

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 27791
Mean 54
RMS 53.61
signal [adc counts]

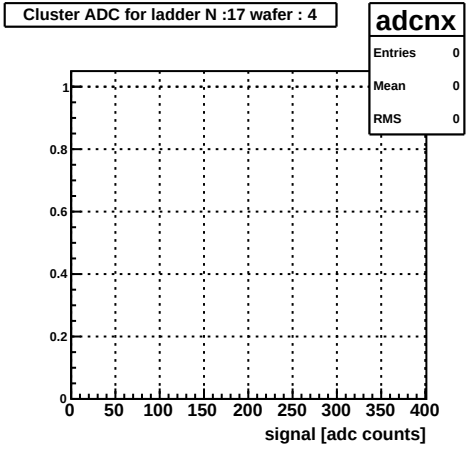

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 27072
Mean 41.69
RMS 43.83
signal [adc counts]

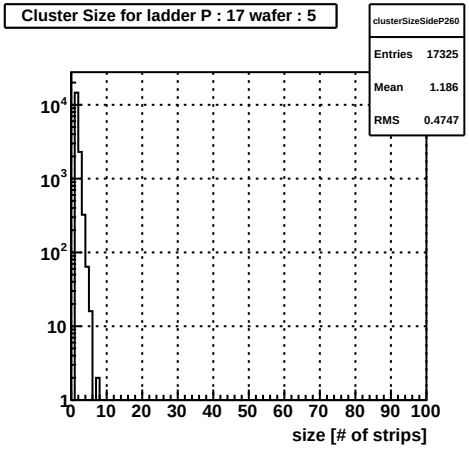

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 24943
Mean 1.214
RMS 0.5199
size [# of strips]

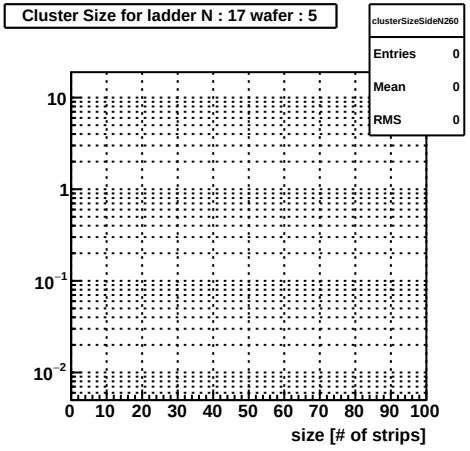

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

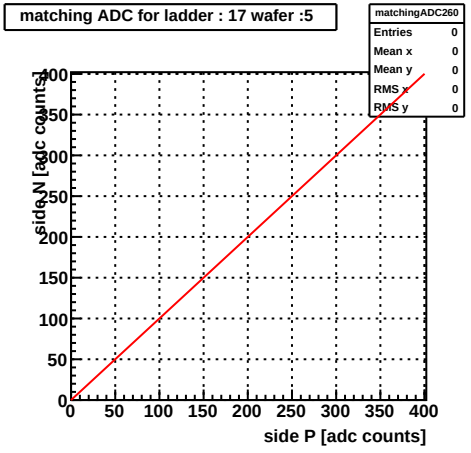

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

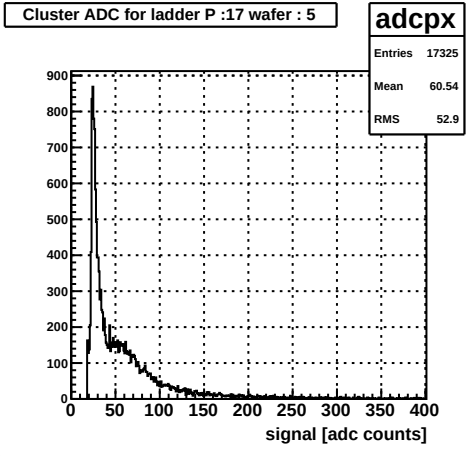

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 24943
Mean 55.54
RMS 51.71
signal [adc counts]

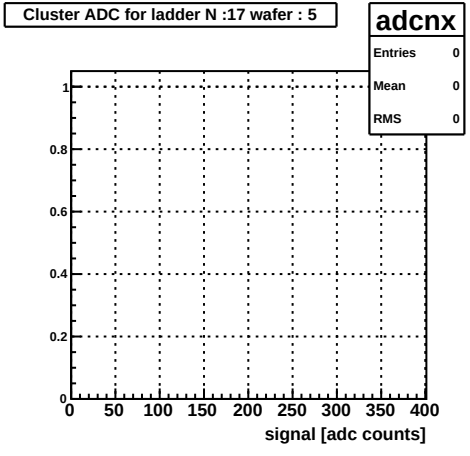

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

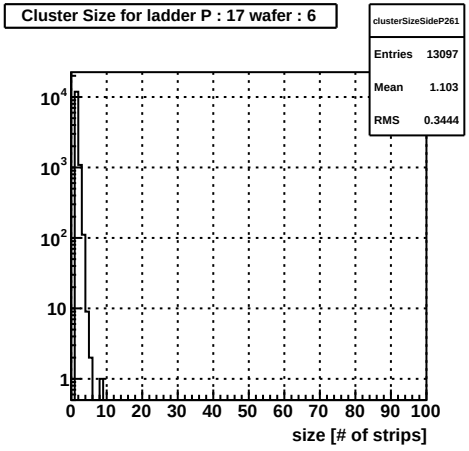

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 17325
Mean 1.186
RMS 0.4747
size [# of strips]

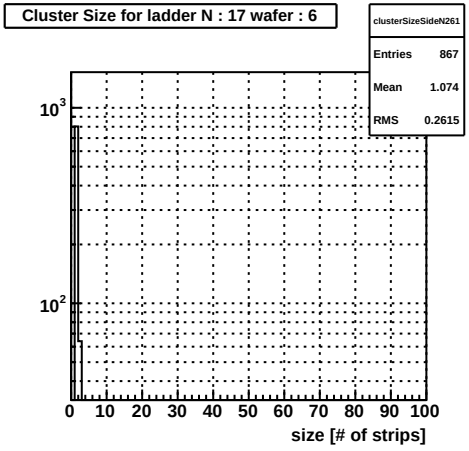

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

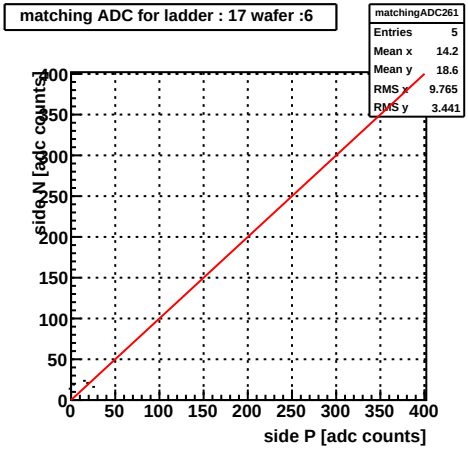

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

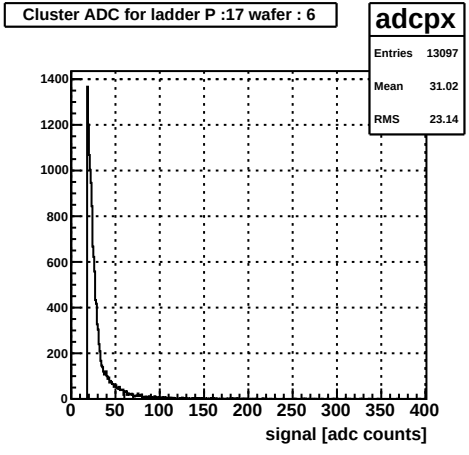

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 17325
Mean 60.54
RMS 52.9
signal [adc counts]

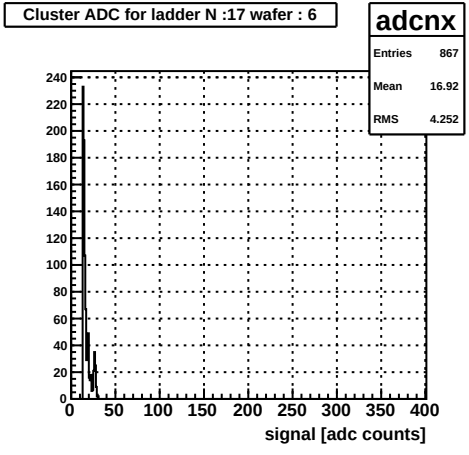

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

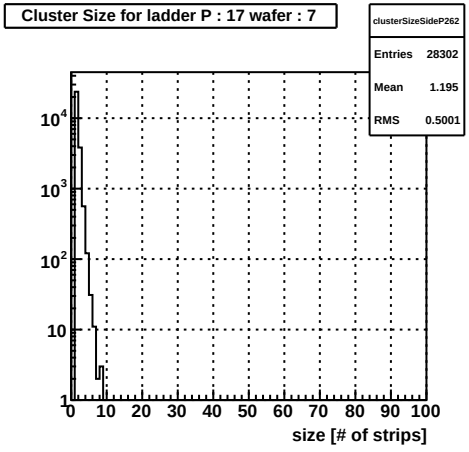

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13097
Mean 1.103
RMS 0.3444
size [# of strips]

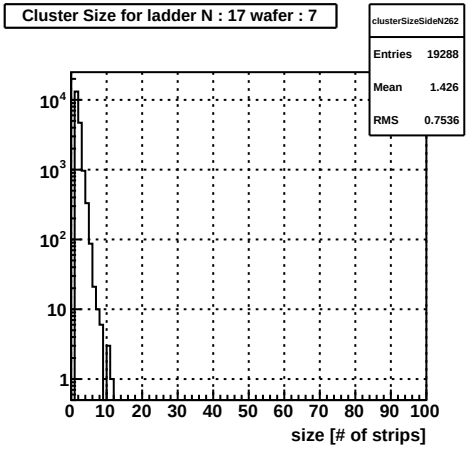

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 867
Mean 1.074
RMS 0.2615
size [# of strips]

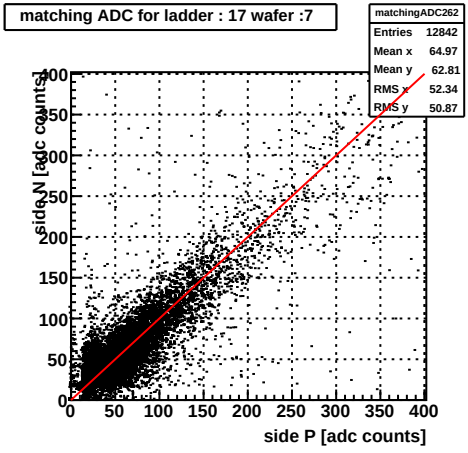

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 5
Mean x 14.2
Mean y 18.6
RMS x 9.765
RMS y 3.441
side N [adc counts]
side P [adc counts]

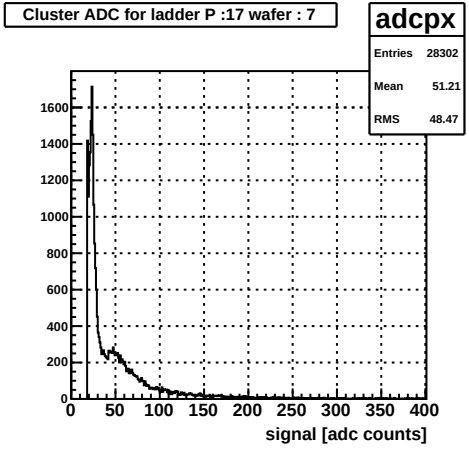

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13097
Mean 31.02
RMS 23.14
signal [adc counts]

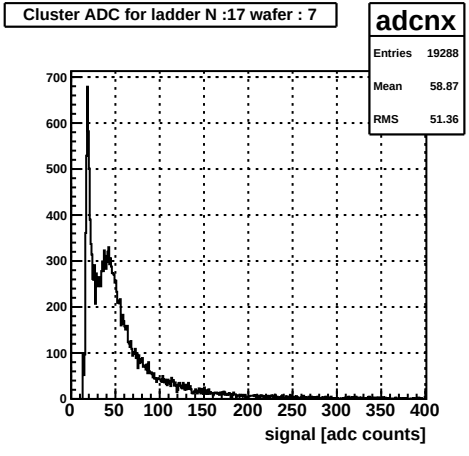

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 867
Mean 16.92
RMS 4.252
signal [adc counts]

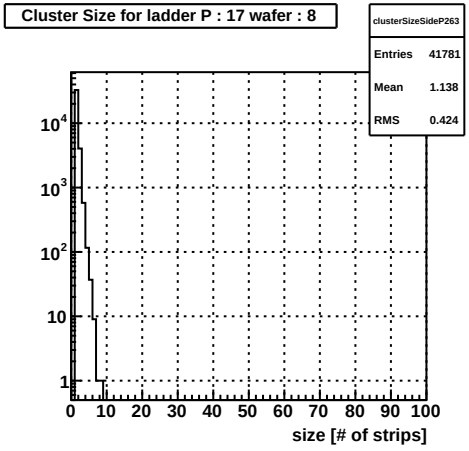

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 28302
Mean 1.195
RMS 0.5001
size [# of strips]

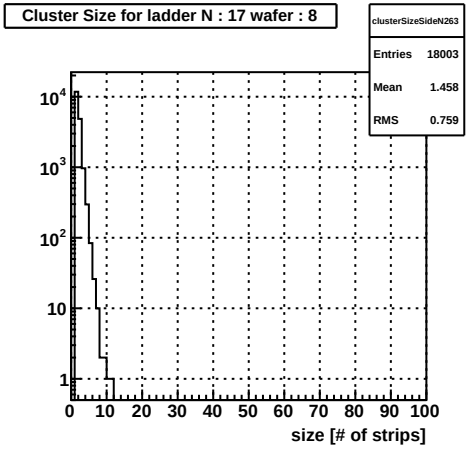

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 19288
Mean 1.426
RMS 0.7536
size [# of strips]

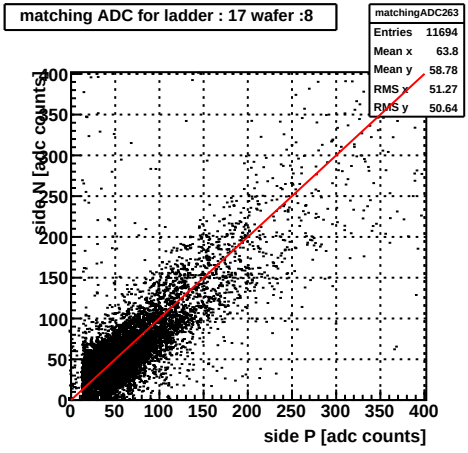

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12842
Mean x 64.97
Mean y 62.81
RMS x 52.34
RMS y 50.87
side N [adc counts]
side P [adc counts]

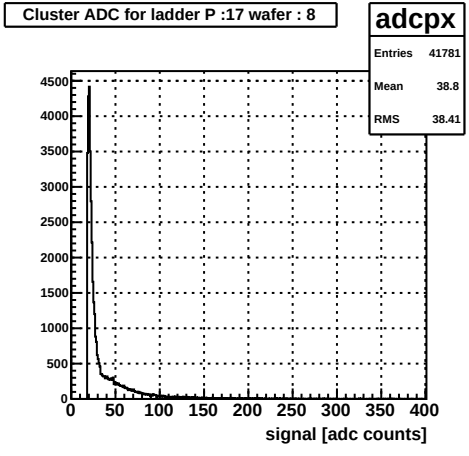

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 28302
Mean 51.21
RMS 48.47
signal [adc counts]

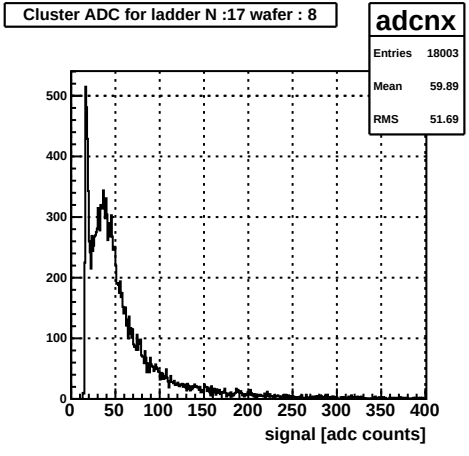

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 19288
Mean 58.87
RMS 51.36
signal [adc counts]

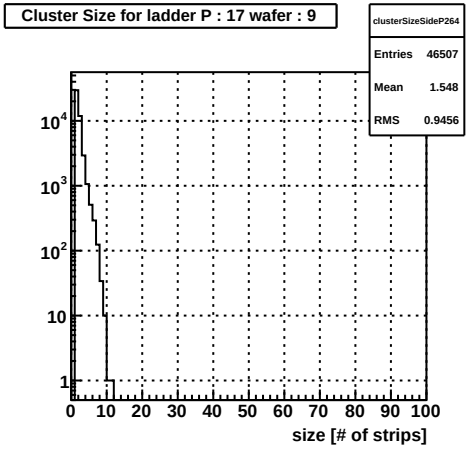

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 41781
Mean 1.138
RMS 0.424
size [# of strips]

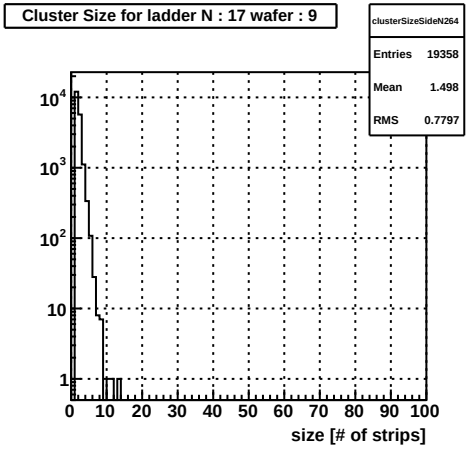

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 18003
Mean 1.458
RMS 0.759
size [# of strips]

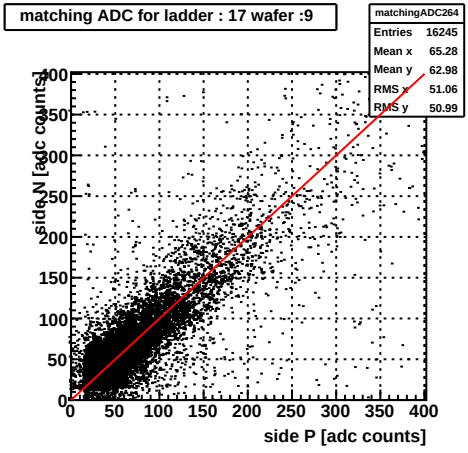

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11694
Mean x 63.8
Mean y 58.78
RMS x 51.27
RMS y 50.64
side N [adc counts]
side P [adc counts]

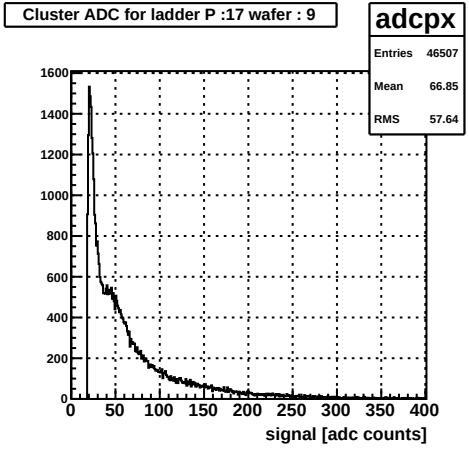

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 41781
Mean 38.8
RMS 38.41
signal [adc counts]

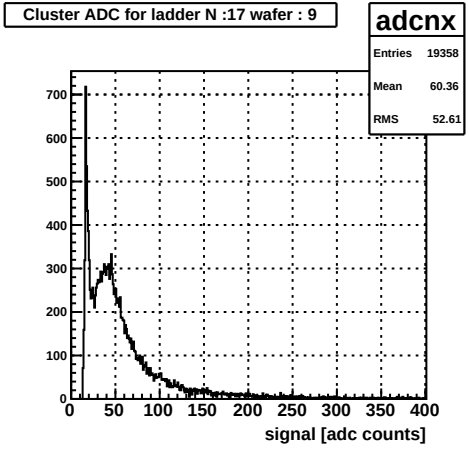

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 18003
Mean 59.89
RMS 51.69
signal [adc counts]

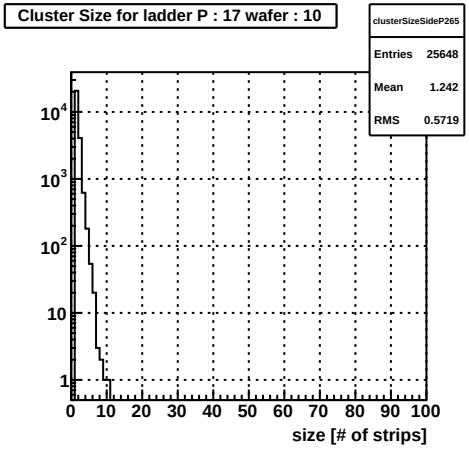

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 46507
Mean 1.548
RMS 0.9456
size [# of strips]

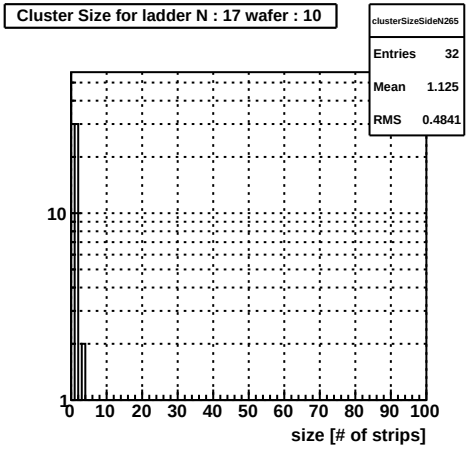

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 19358
Mean 1.498
RMS 0.7797
size [# of strips]

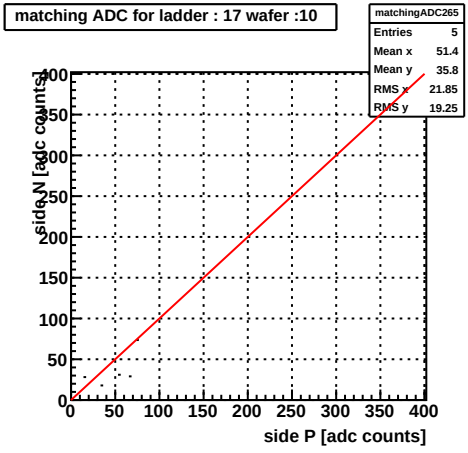

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 16245
Mean x 65.28
Mean y 62.98
RMS x 51.06
RMS y 50.99
side N [adc counts]
side P [adc counts]

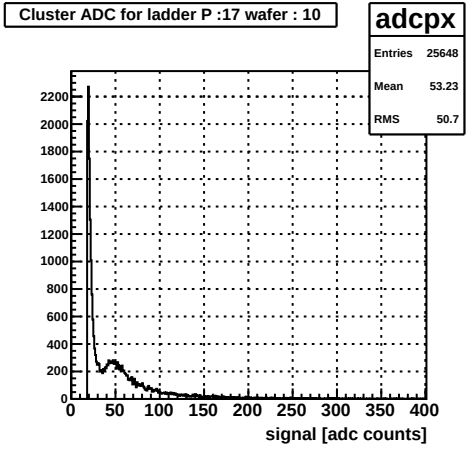

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 46507
Mean 66.85
RMS 57.64
signal [adc counts]

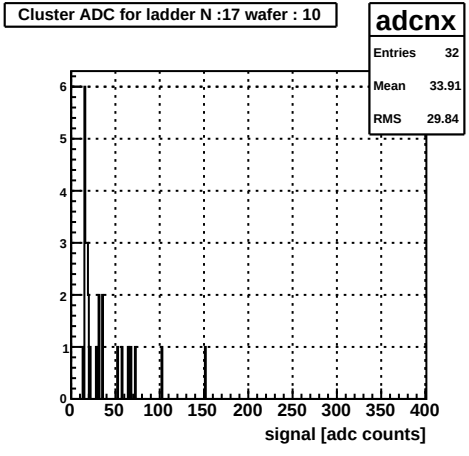

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 19358
Mean 60.36
RMS 52.61
signal [adc counts]

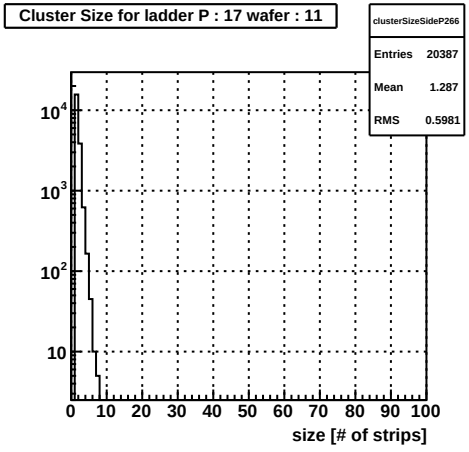

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 25648
Mean 1.242
RMS 0.5719
size [# of strips]

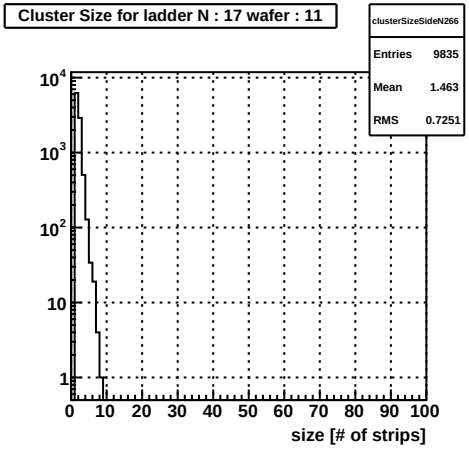

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 32
Mean 1.125
RMS 0.4841
size [# of strips]

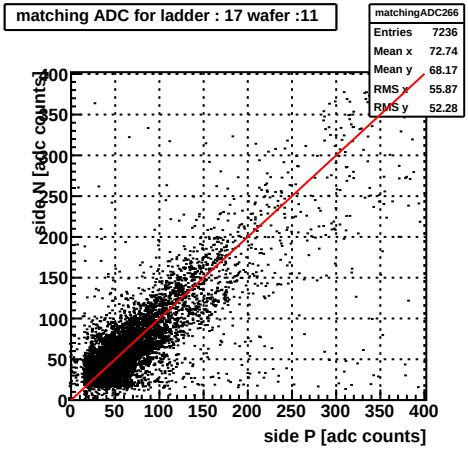

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 5
Mean x 51.4
Mean y 35.8
RMS x 21.85
RMS y 19.25
side N [adc counts]
side P [adc counts]

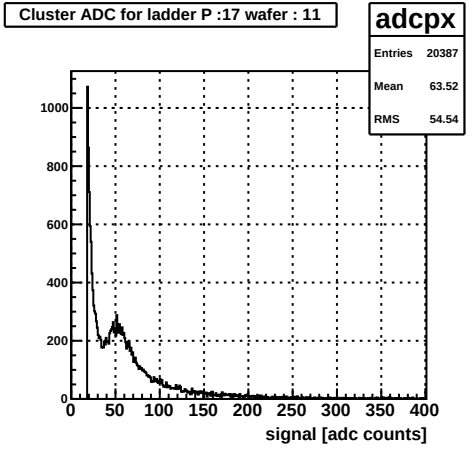

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 25648
Mean 53.23
RMS 50.7
signal [adc counts]

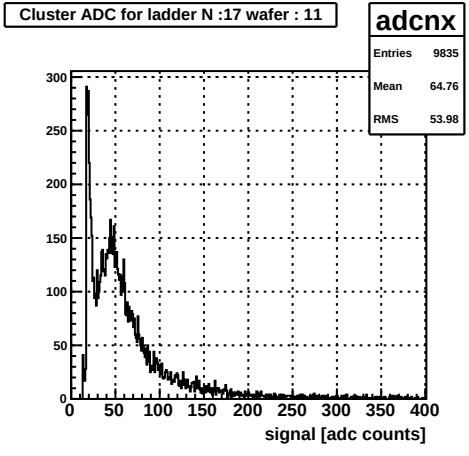

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 32
Mean 33.91
RMS 29.84
signal [adc counts]

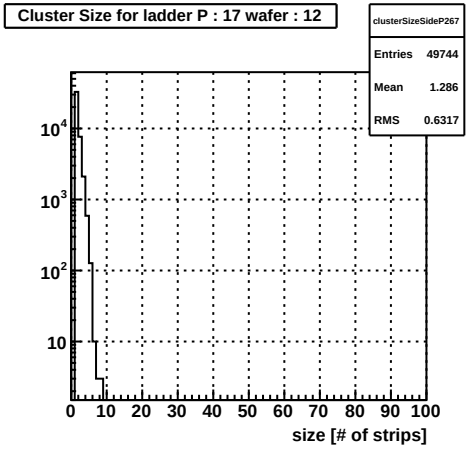

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 20387
Mean 1.287
RMS 0.5981
size [# of strips]

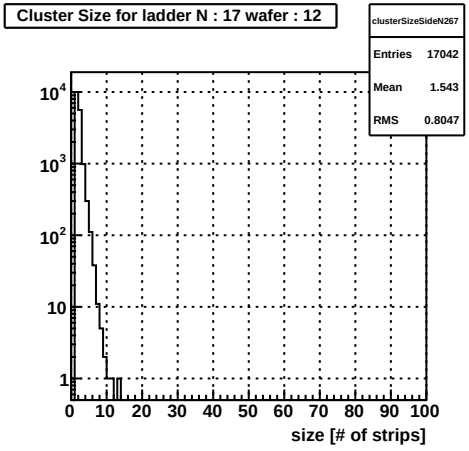

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 9835
Mean 1.463
RMS 0.7251
size [# of strips]

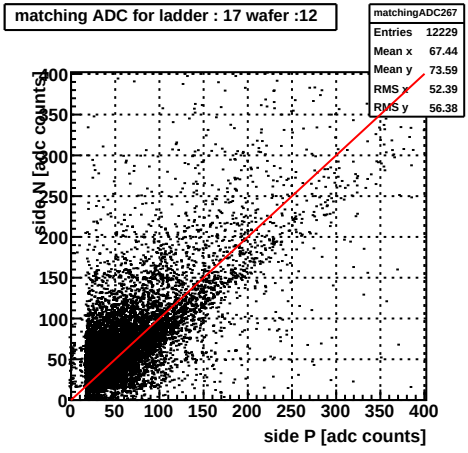

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 7236
Mean x 72.74
Mean y 68.17
RMS x 55.87
RMS y 52.28
side N [adc counts]
side P [adc counts]

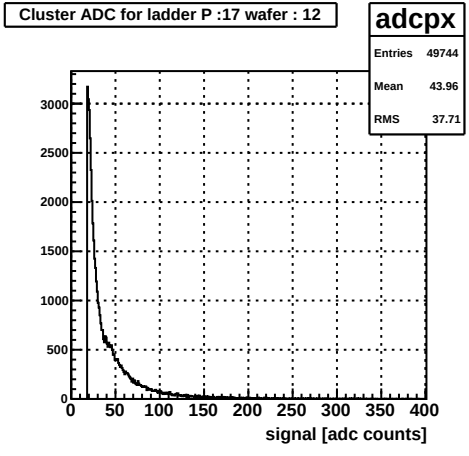

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 20387
Mean 63.52
RMS 54.54
signal [adc counts]

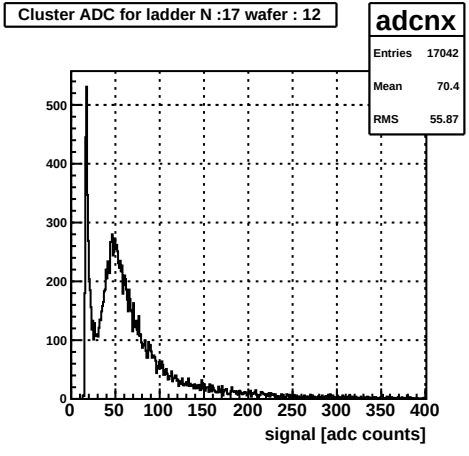

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 9835
Mean 64.76
RMS 53.98
signal [adc counts]

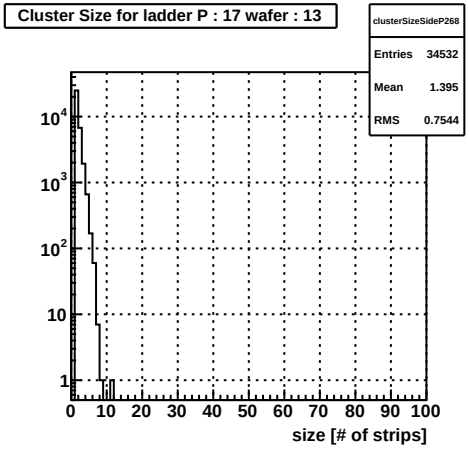

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 49744
Mean 1.286
RMS 0.6317
size [# of strips]

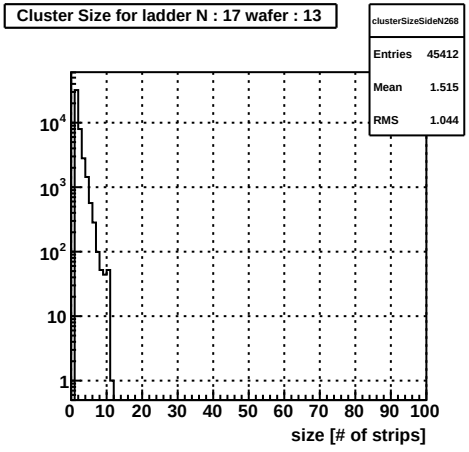

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 17042
Mean 1.543
RMS 0.8047
size [# of strips]

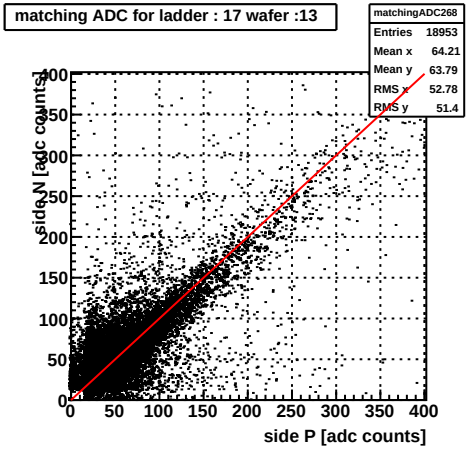

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 12229
Mean x 67.44
Mean y 73.59
RMS x 52.39
RMS y 56.38
side N [adc counts]
side P [adc counts]

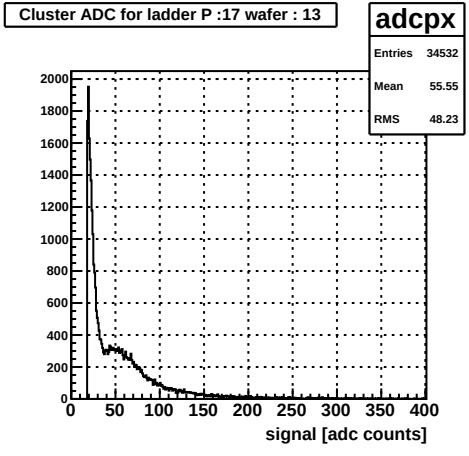

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 49744
Mean 43.96
RMS 37.71
signal [adc counts]

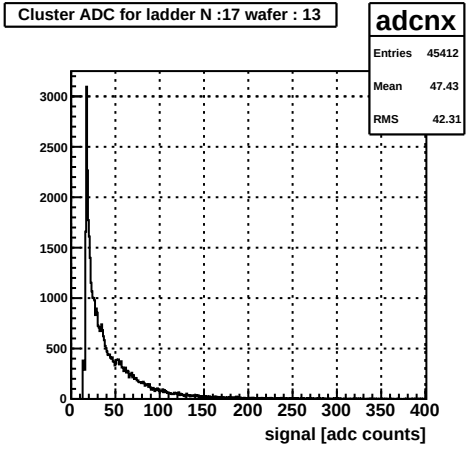

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 17042
Mean 70.4
RMS 55.87
signal [adc counts]

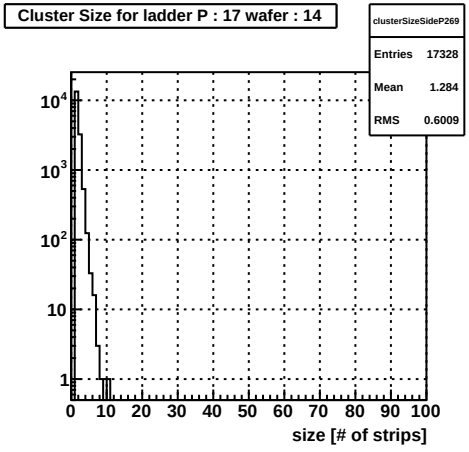

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 34532
Mean 1.395
RMS 0.7544
size [# of strips]

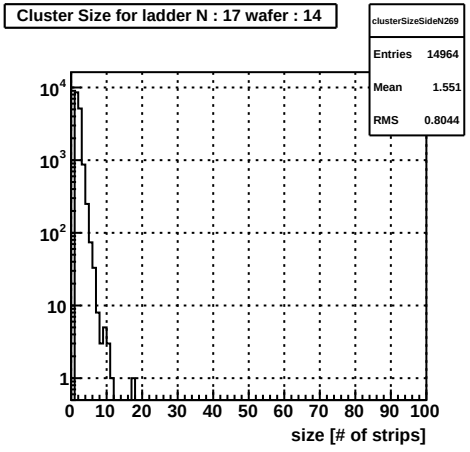

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 45412
Mean 1.515
RMS 1.044
size [# of strips]

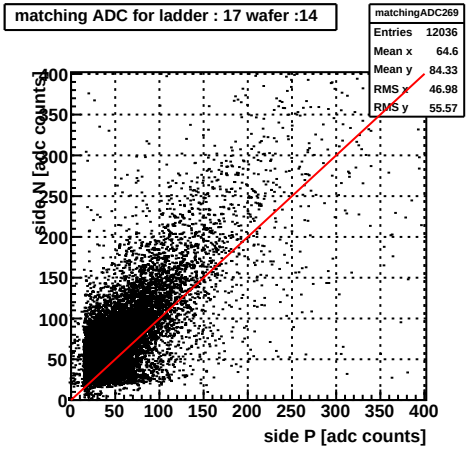

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 18953
Mean x 64.21
Mean y 63.79
RMS x 52.78
RMS y 51.4
side N [adc counts]
side P [adc counts]

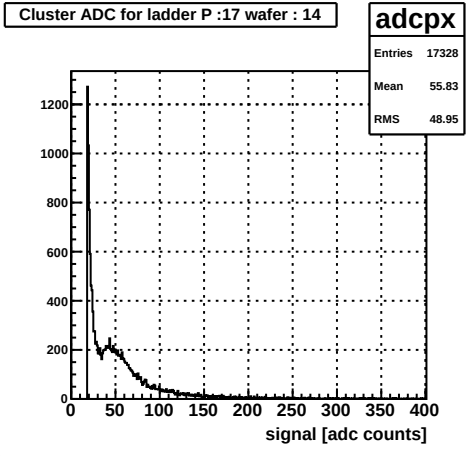

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 34532
Mean 55.55
RMS 48.23
signal [adc counts]

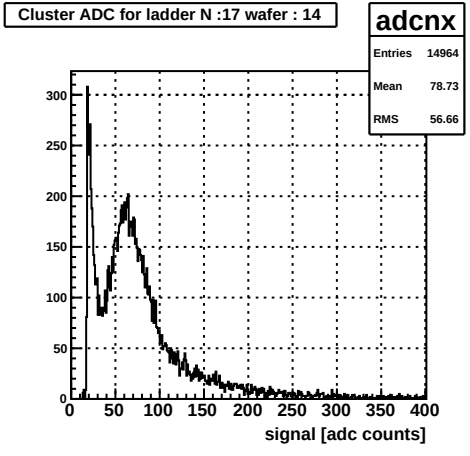

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 45412
Mean 47.43
RMS 42.31
signal [adc counts]

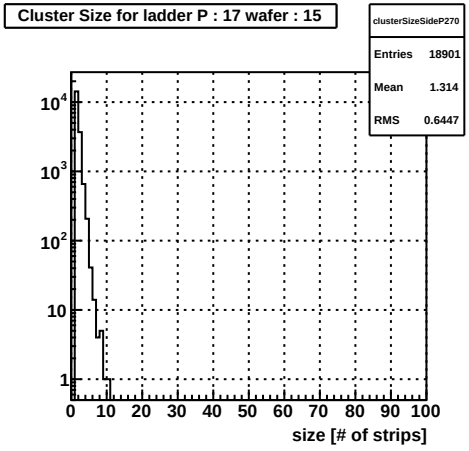

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 17328
Mean 1.284
RMS 0.6009
size [# of strips]

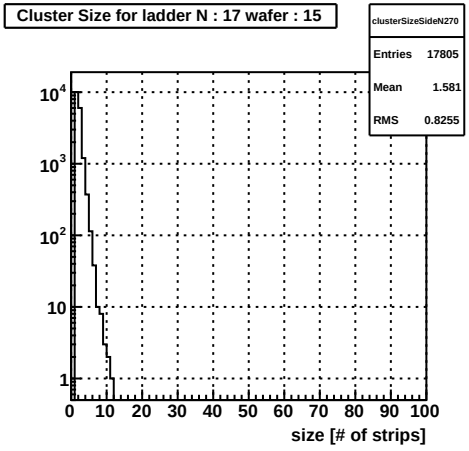

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 14964
Mean 1.551
RMS 0.8044
size [# of strips]

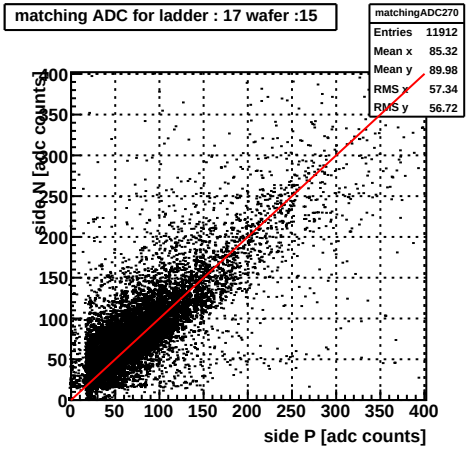

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 12036
Mean x 64.6
Mean y 84.33
RMS x 46.98
RMS y 55.57
side N [adc counts]
side P [adc counts]

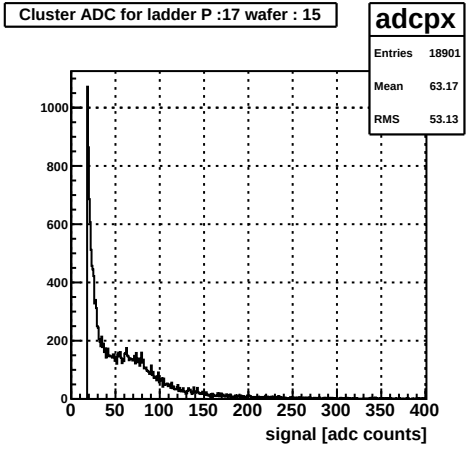

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 17328
Mean 55.83
RMS 48.95
signal [adc counts]

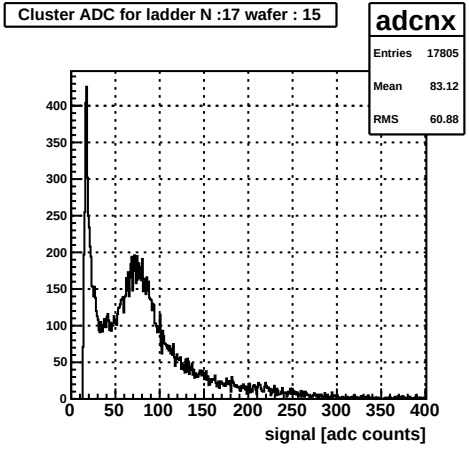

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 14964
Mean 78.73
RMS 56.66
signal [adc counts]

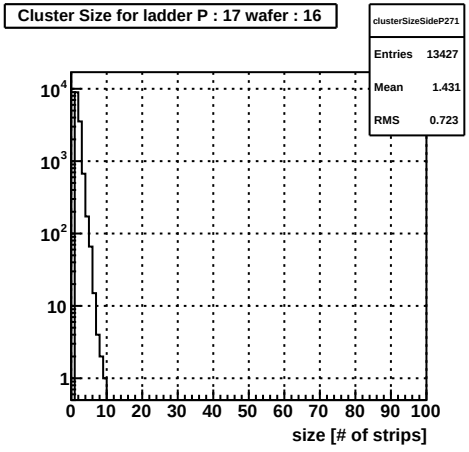

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 18901
Mean 1.314
RMS 0.6447
size [# of strips]

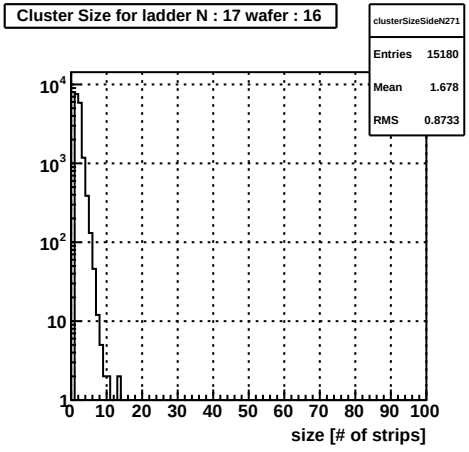

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 17805
Mean 1.581
RMS 0.8255
size [# of strips]

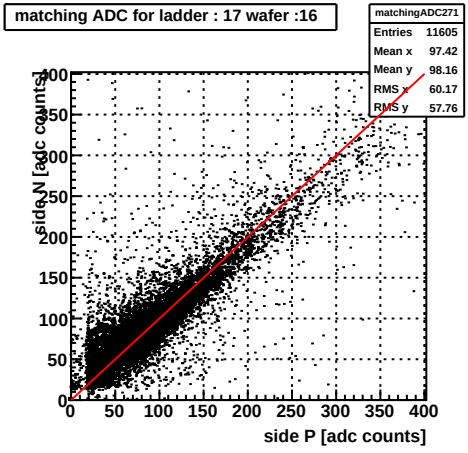

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 11912
Mean x 85.32
Mean y 89.98
RMS x 57.34
RMS y 56.72
side N [adc counts]
side P [adc counts]

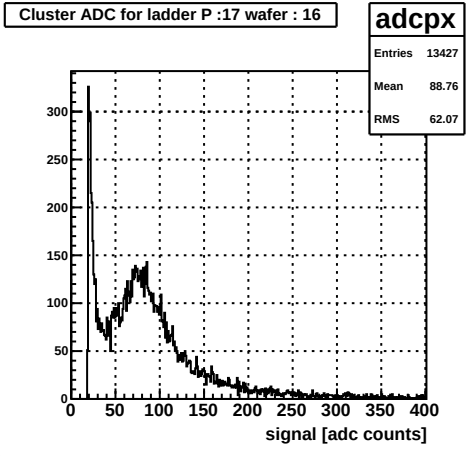

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 18901
Mean 63.17
RMS 53.13
signal [adc counts]

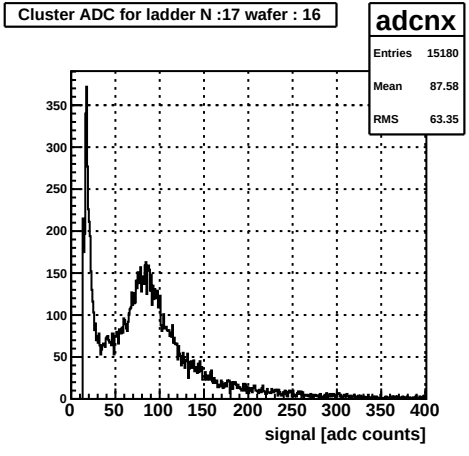

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 17805
Mean 83.12
RMS 60.88
signal [adc counts]

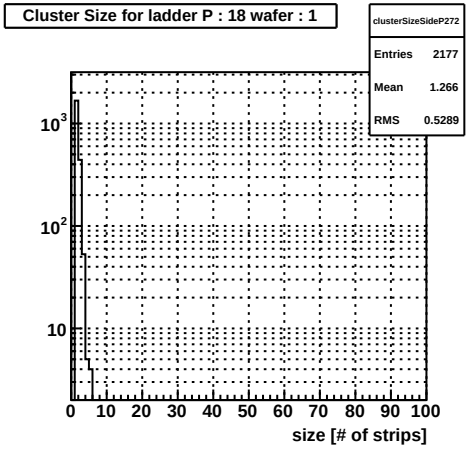

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 13427
Mean 1.431
RMS 0.723
size [# of strips]

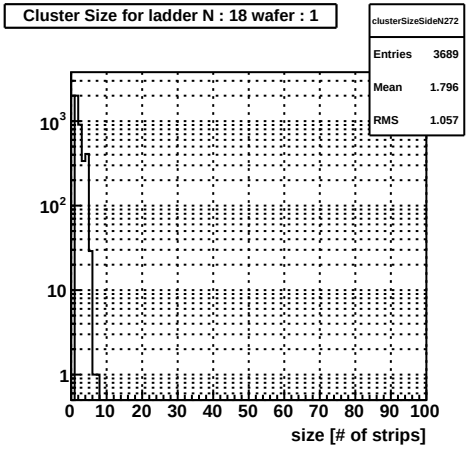

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 15180
Mean 1.678
RMS 0.8733
size [# of strips]

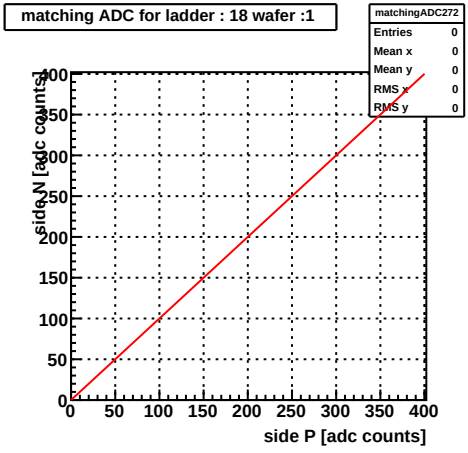

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 11605
Mean x 97.42
Mean y 98.16
RMS x 60.17
RMS y 57.76
side N [adc counts]
side P [adc counts]

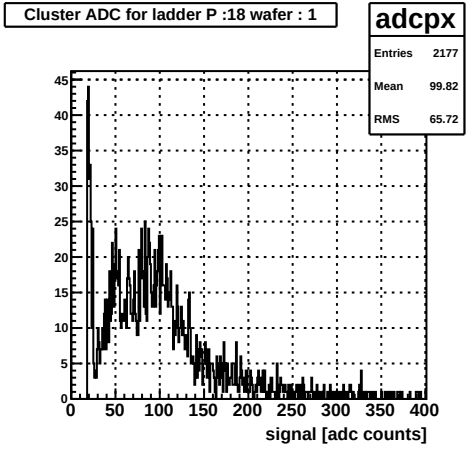

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 13427
Mean 88.76
RMS 62.07
signal [adc counts]

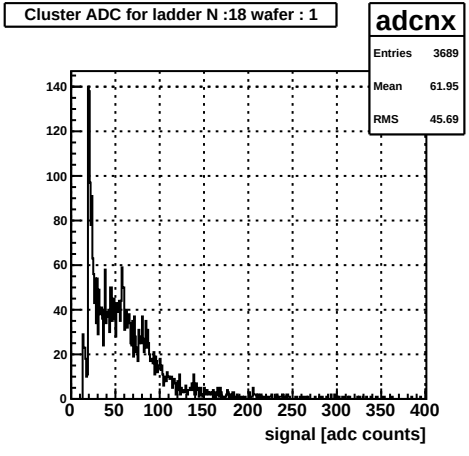

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 15180
Mean 87.58
RMS 63.35
signal [adc counts]

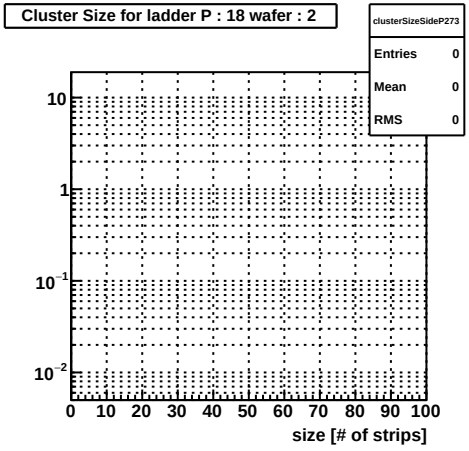

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2177
Mean 1.266
RMS 0.5289
size [# of strips]

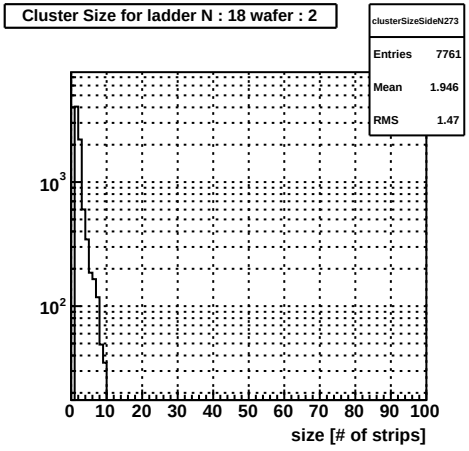

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3689
Mean 1.796
RMS 1.057
size [# of strips]

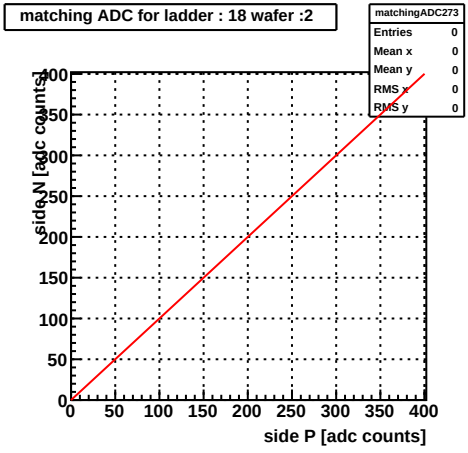

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

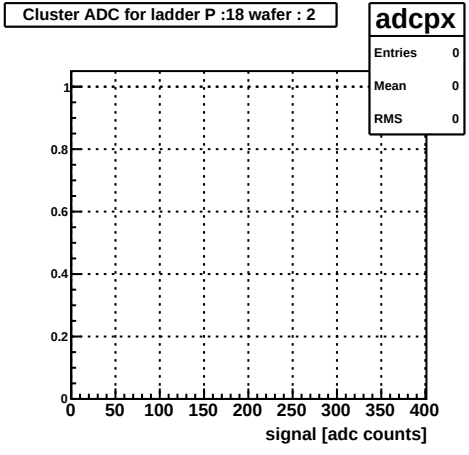

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2177
Mean 99.82
RMS 65.72
signal [adc counts]

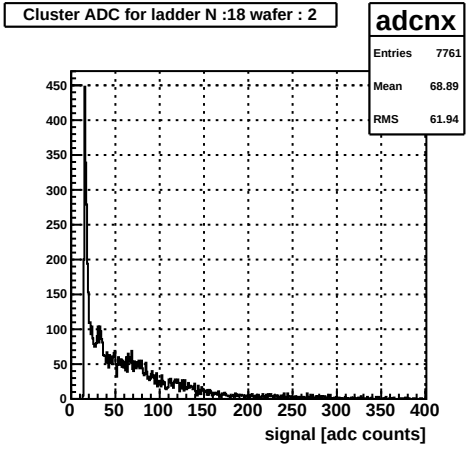

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3689
Mean 61.95
RMS 45.69
signal [adc counts]

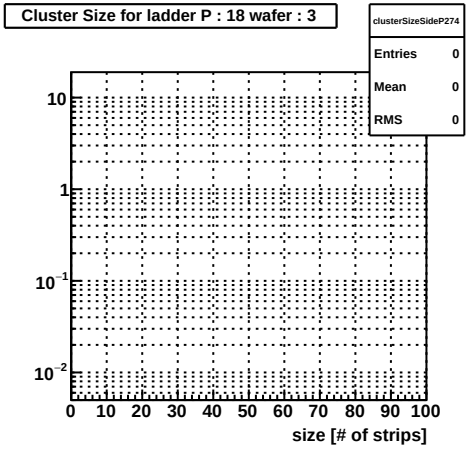

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

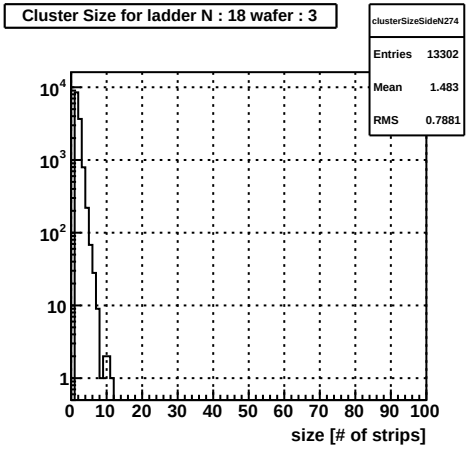

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 7761
Mean 1.946
RMS 1.47
size [# of strips]

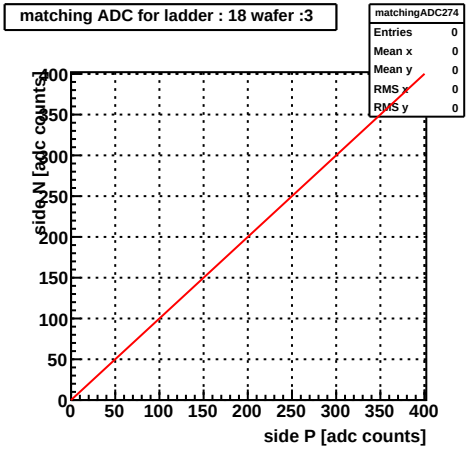

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

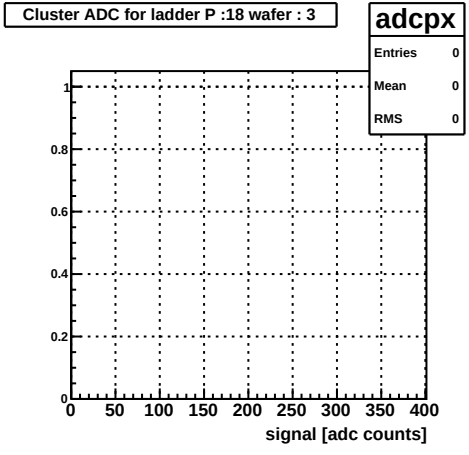

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

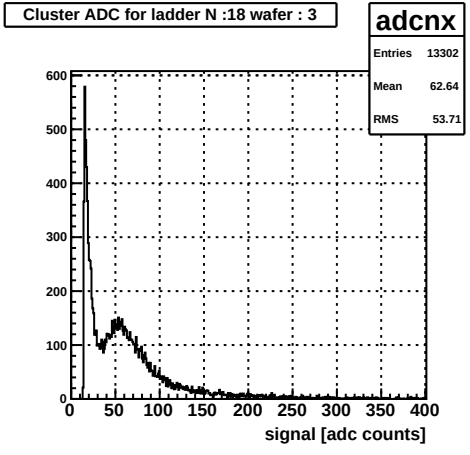

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 7761
Mean 68.89
RMS 61.94
signal [adc counts]

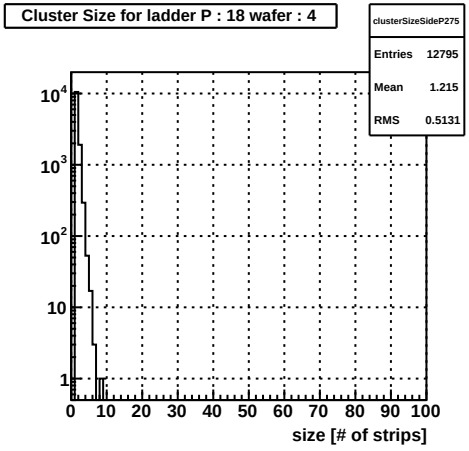

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

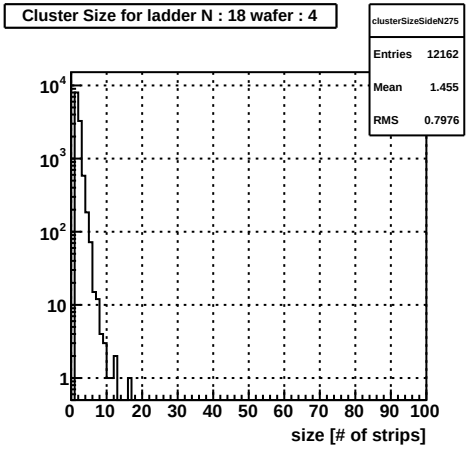

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 13302
Mean 1.483
RMS 0.7881
size [# of strips]

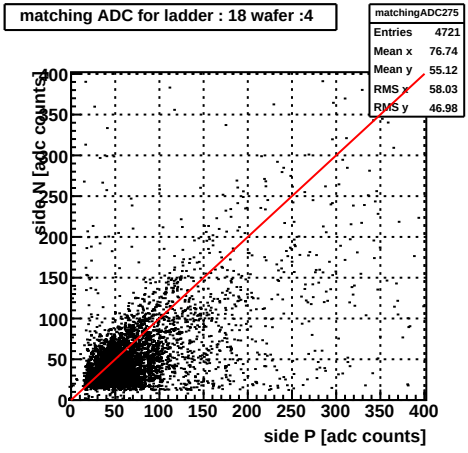

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

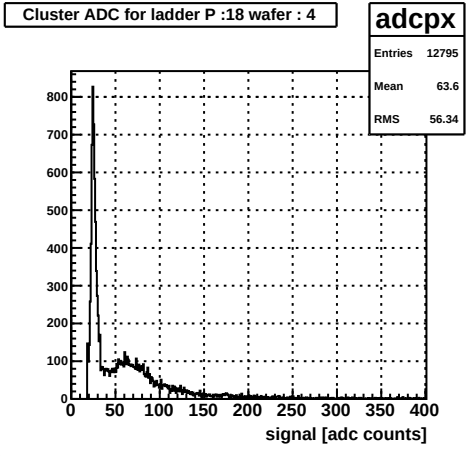

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

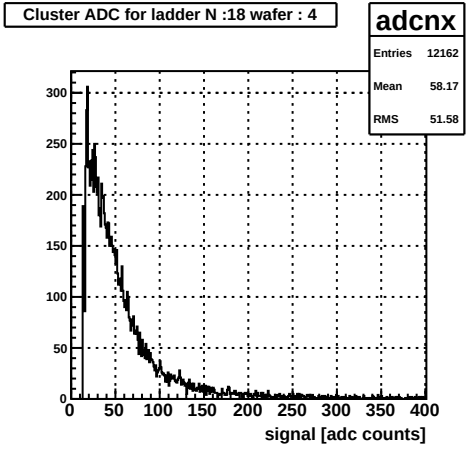

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 13302
Mean 62.64
RMS 53.71
signal [adc counts]

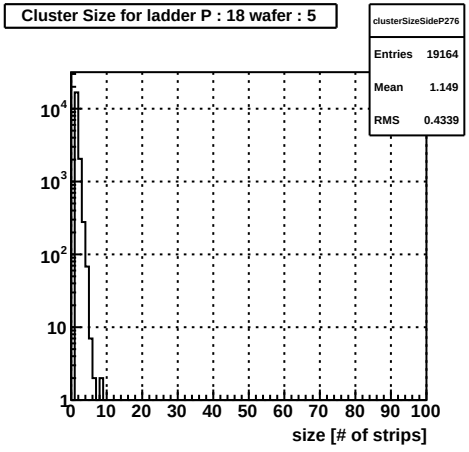

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 12795
Mean 1.215
RMS 0.5131
size [# of strips]

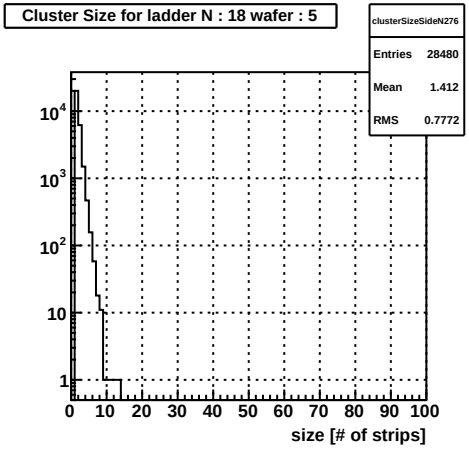

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 12162
Mean 1.455
RMS 0.7976
size [# of strips]

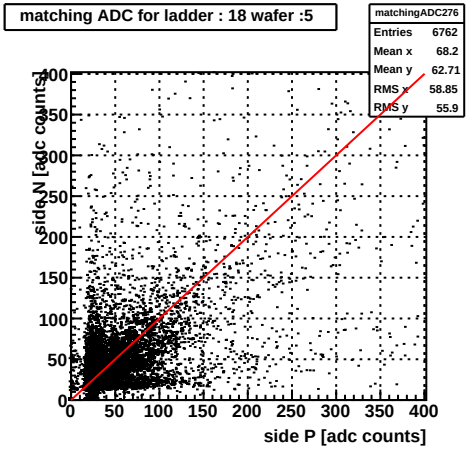

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4721
Mean x 76.74
Mean y 55.12
RMS x 58.03
RMS y 46.98
side N [adc counts]
side P [adc counts]

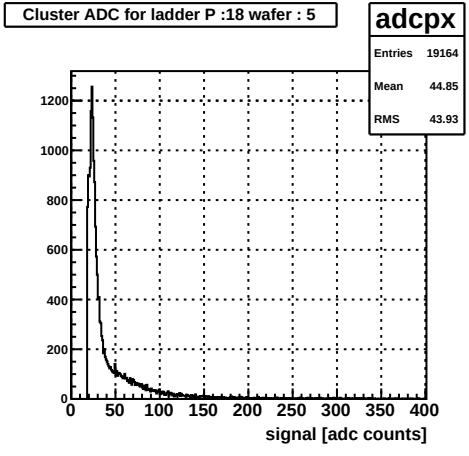

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 12795
Mean 63.6
RMS 56.34
signal [adc counts]

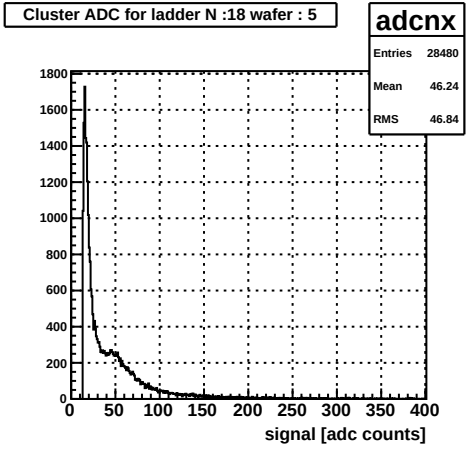

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 12162
Mean 58.17
RMS 51.58
signal [adc counts]

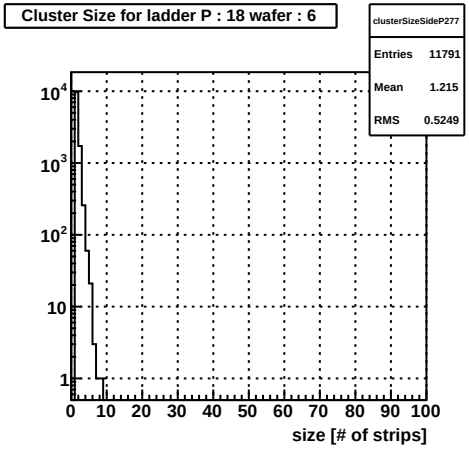

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 19164
Mean 1.149
RMS 0.4339
size [# of strips]

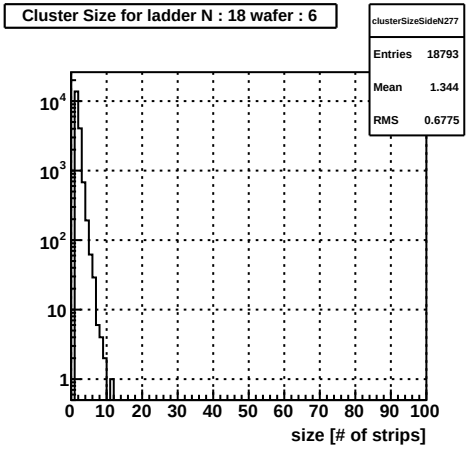

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 28480
Mean 1.412
RMS 0.7772
size [# of strips]

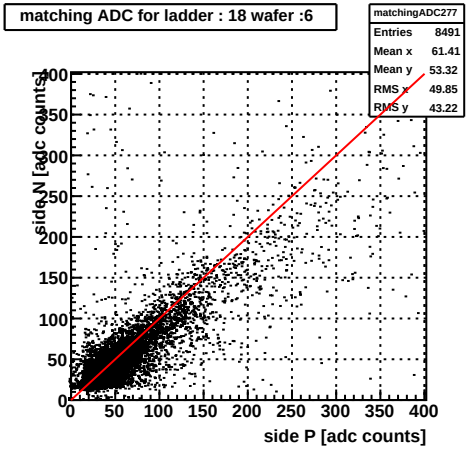

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6762
Mean x 68.2
Mean y 62.71
RMS x 58.85
RMS y 55.9
side N [adc counts]
side P [adc counts]

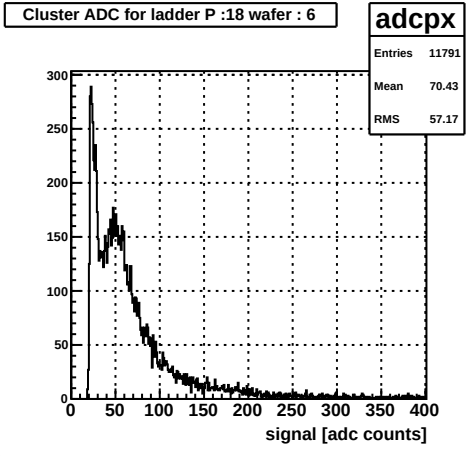

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 19164
Mean 44.85
RMS 43.93
signal [adc counts]

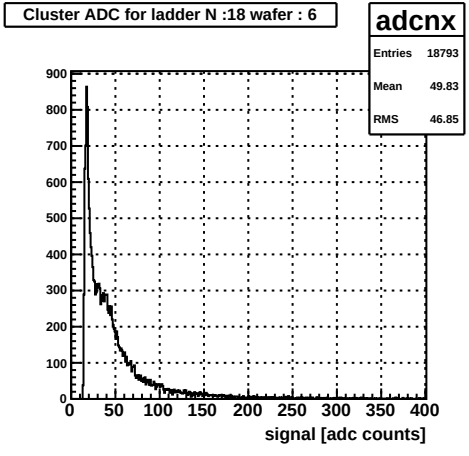

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 28480
Mean 46.24
RMS 46.84
signal [adc counts]

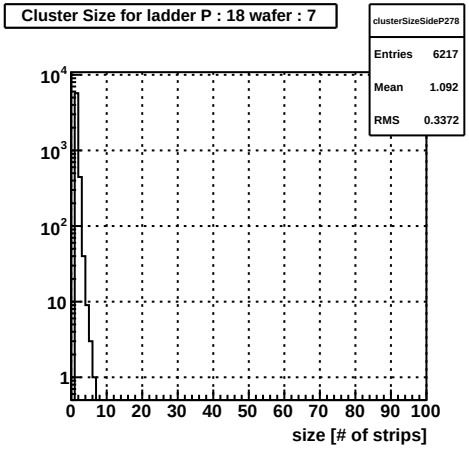

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 11791
Mean 1.215
RMS 0.5249
size [# of strips]

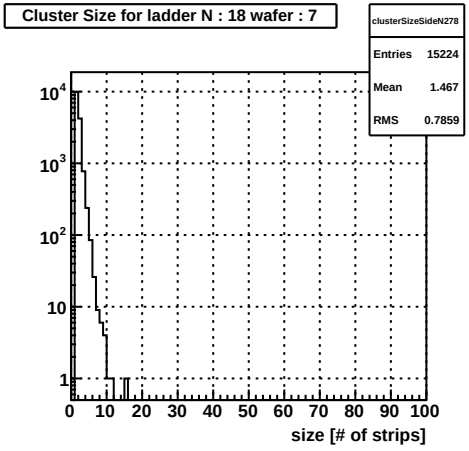

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18793
Mean 1.344
RMS 0.6775
size [# of strips]

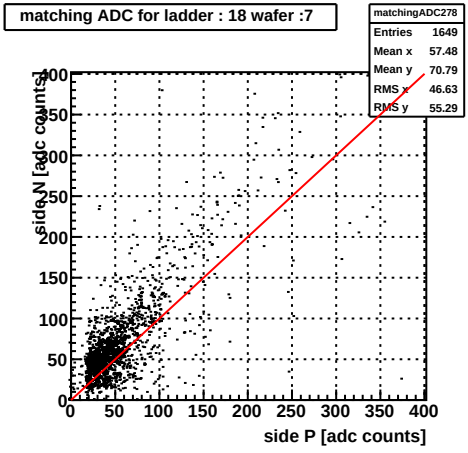

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8491
Mean x 61.41
Mean y 53.32
RMS x 49.85
RMS y 43.22
side N [adc counts]
side P [adc counts]

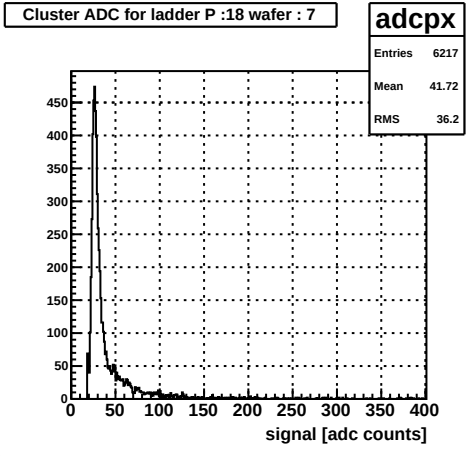

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 11791
Mean 70.43
RMS 57.17
signal [adc counts]

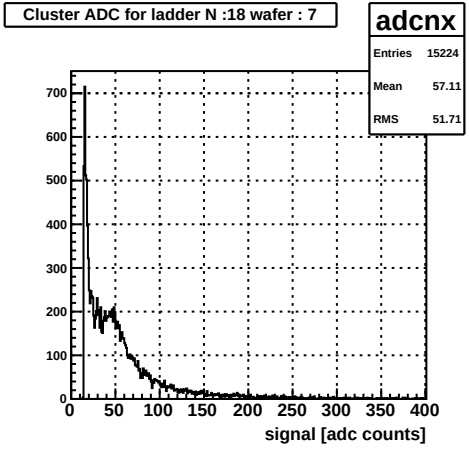

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18793
Mean 49.83
RMS 46.85
signal [adc counts]

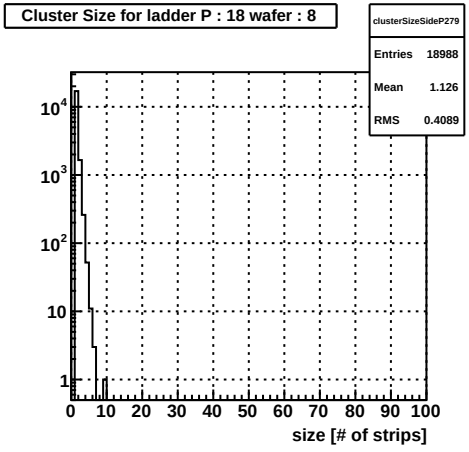

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6217
Mean 1.092
RMS 0.3372
size [# of strips]

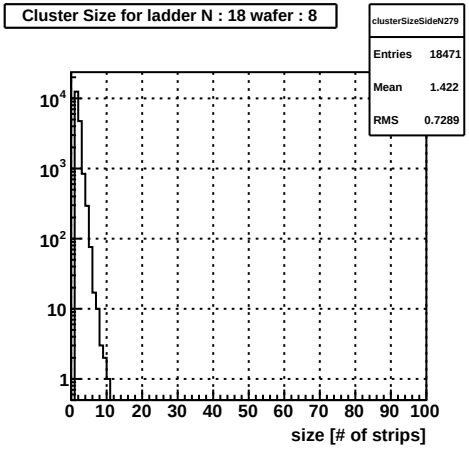

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 15224
Mean 1.467
RMS 0.7859
size [# of strips]

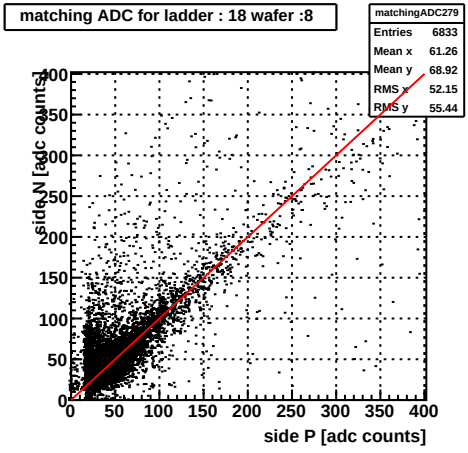

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1649
Mean x 57.48
Mean y 70.79
RMS x 46.63
RMS y 55.29
side N [adc counts]
side P [adc counts]

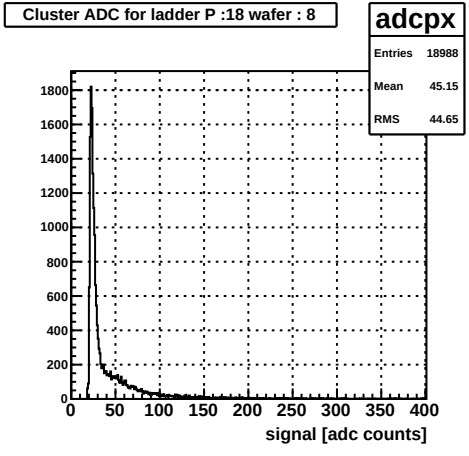

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6217
Mean 41.72
RMS 36.2
signal [adc counts]

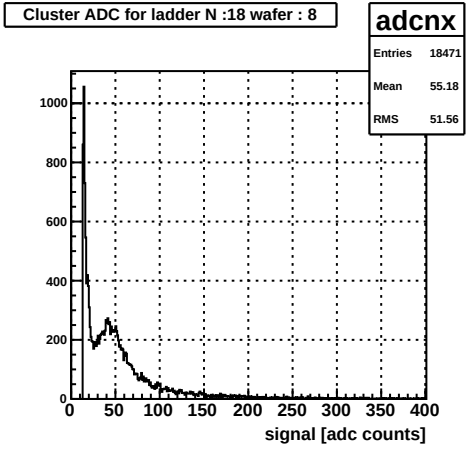

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 15224
Mean 57.11
RMS 51.71
signal [adc counts]

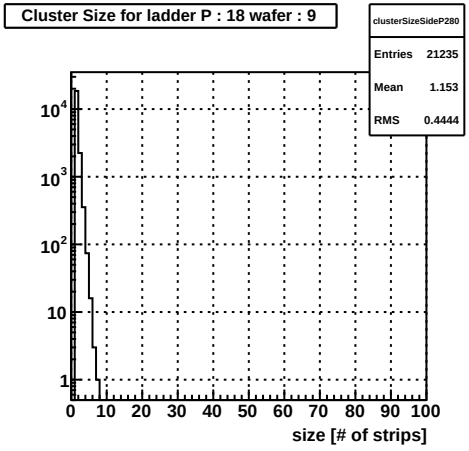

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 18988
Mean 1.126
RMS 0.4089
size [# of strips]

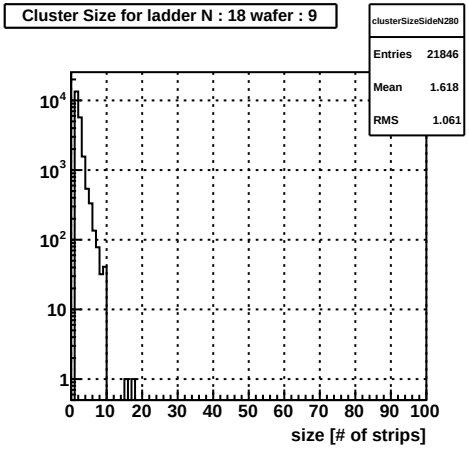

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 18471
Mean 1.422
RMS 0.7289
size [# of strips]

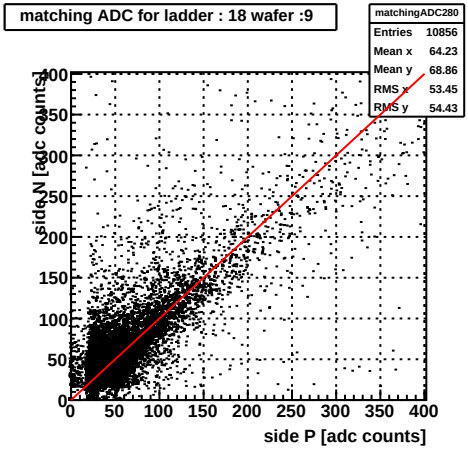

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 6833
Mean x 61.26
Mean y 68.92
RMS x 52.15
RMS y 55.44
side N [adc counts]
side P [adc counts]

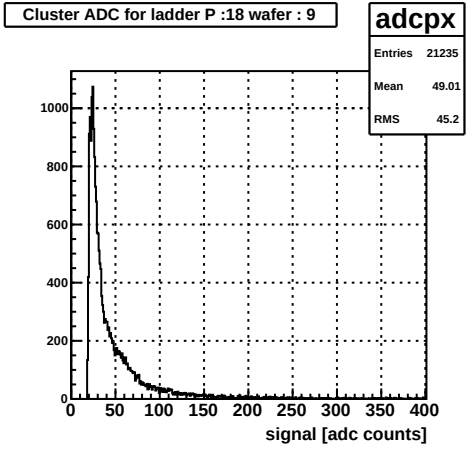

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 18988
Mean 45.15
RMS 44.65
signal [adc counts]

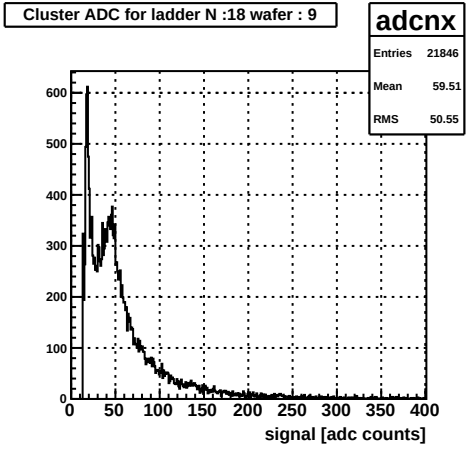

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 18471
Mean 55.18
RMS 51.56
signal [adc counts]

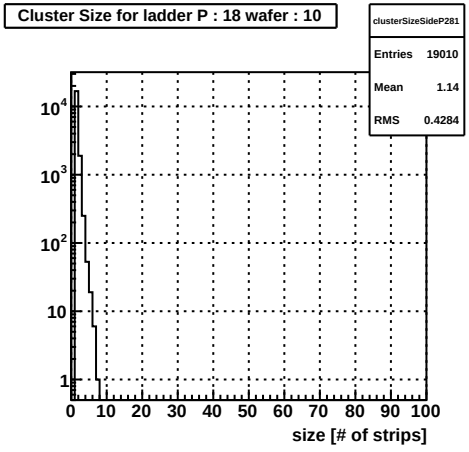

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 21235
Mean 1.153
RMS 0.4444
size [# of strips]

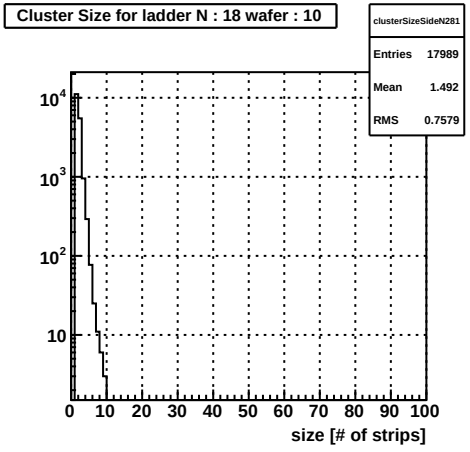

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 21846
Mean 1.618
RMS 1.061
size [# of strips]

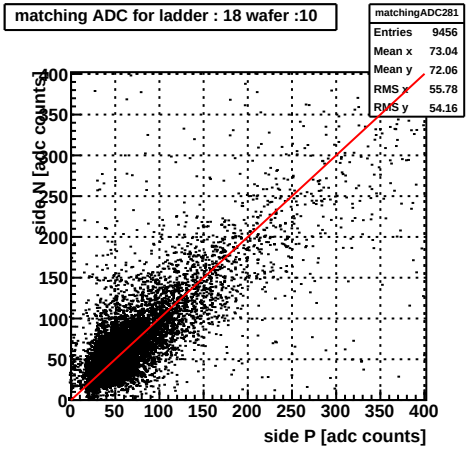

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 10856
Mean x 64.23
Mean y 68.86
RMS x 53.45
RMS y 54.43
side N [adc counts]
side P [adc counts]

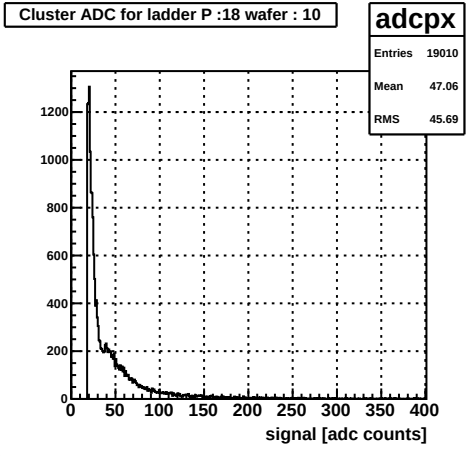

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 21235
Mean 49.01
RMS 45.2
signal [adc counts]

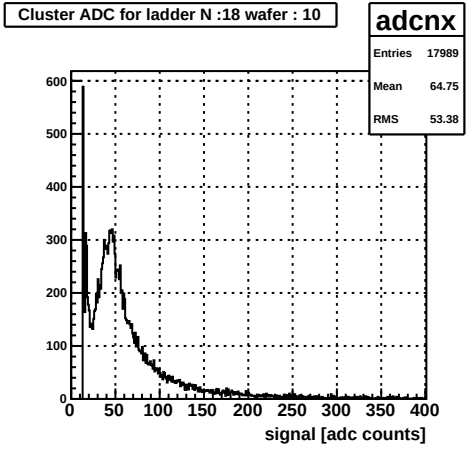

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 21846
Mean 59.51
RMS 50.55
signal [adc counts]

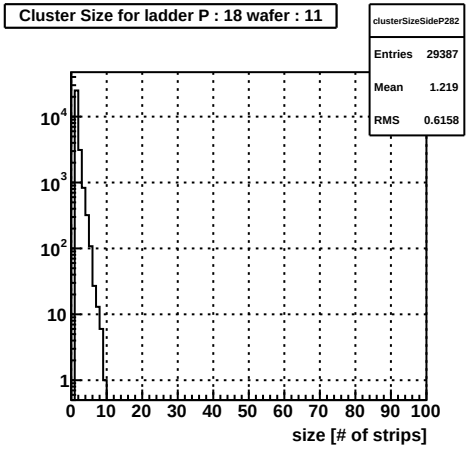

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 19010
Mean 1.14
RMS 0.4284
size [# of strips]

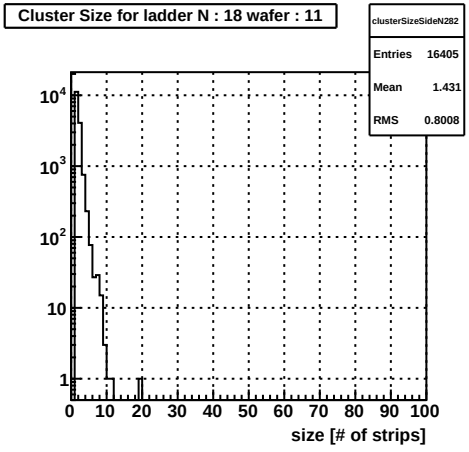

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 17989
Mean 1.492
RMS 0.7579
size [# of strips]

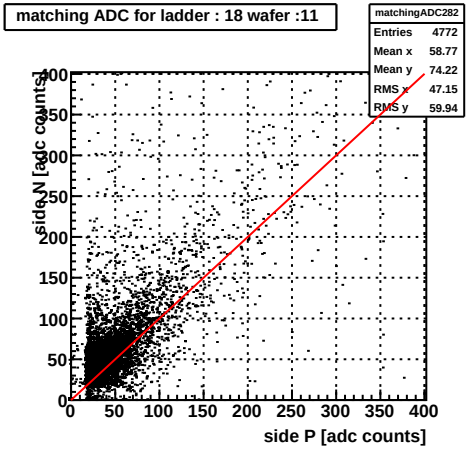

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9456
Mean x 73.04
Mean y 72.06
RMS x 55.78
RMS y 54.16
side N [adc counts]
side P [adc counts]

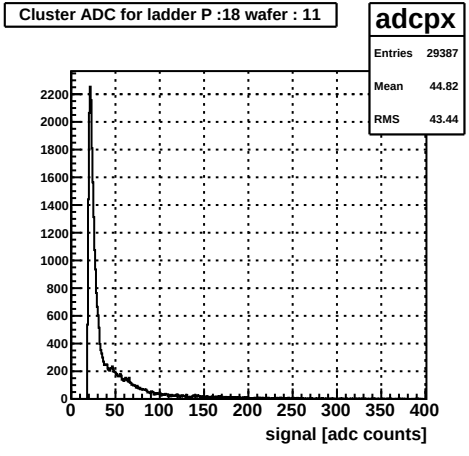

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 19010
Mean 47.06
RMS 45.69
signal [adc counts]

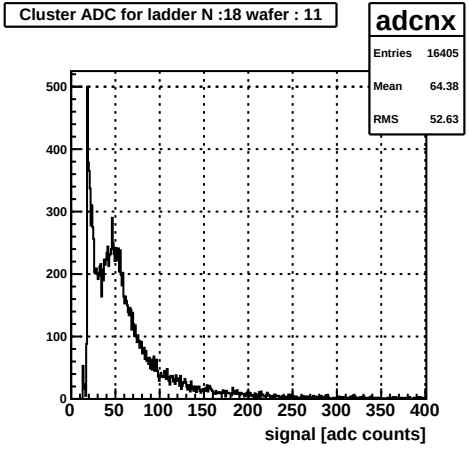

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 17989
Mean 64.75
RMS 53.38
signal [adc counts]

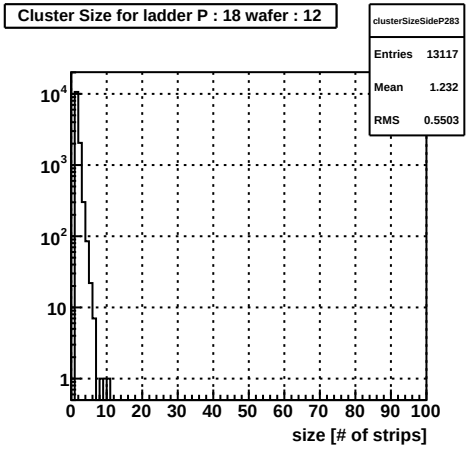

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 29387
Mean 1.219
RMS 0.6158
size [# of strips]

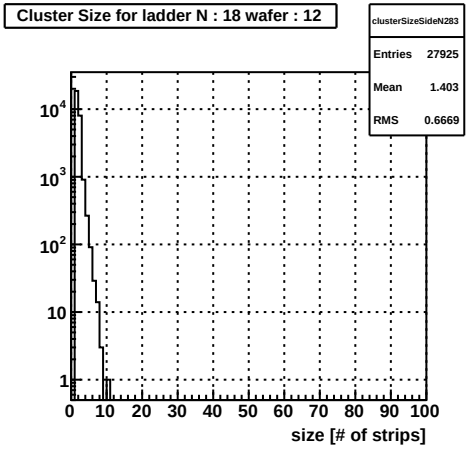

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 16405
Mean 1.431
RMS 0.8008
size [# of strips]

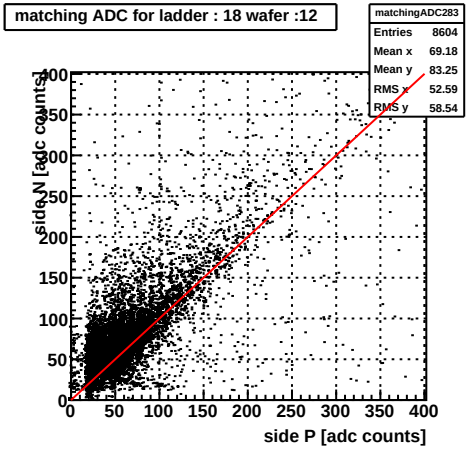

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4772
Mean x 58.77
Mean y 74.22
RMS x 47.15
RMS y 59.94
side N [adc counts]
side P [adc counts]

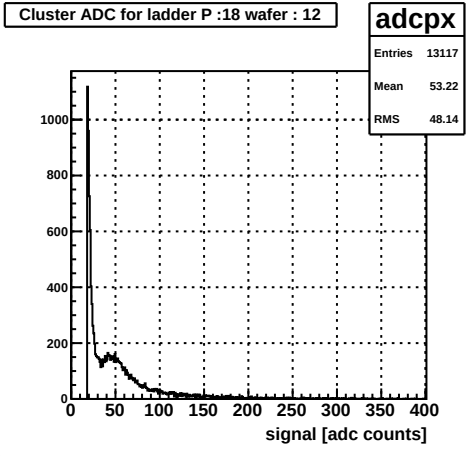

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 29387
Mean 44.82
RMS 43.44
signal [adc counts]

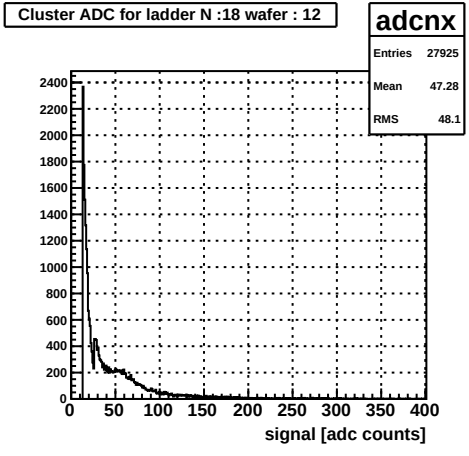

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 16405
Mean 64.38
RMS 52.63
signal [adc counts]

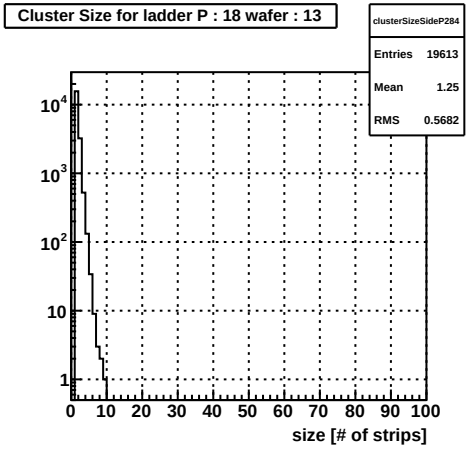

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 13117
Mean 1.232
RMS 0.5503
size [# of strips]

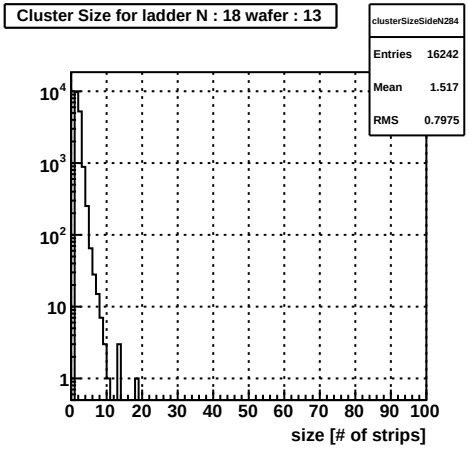

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 27925
Mean 1.403
RMS 0.6669
size [# of strips]

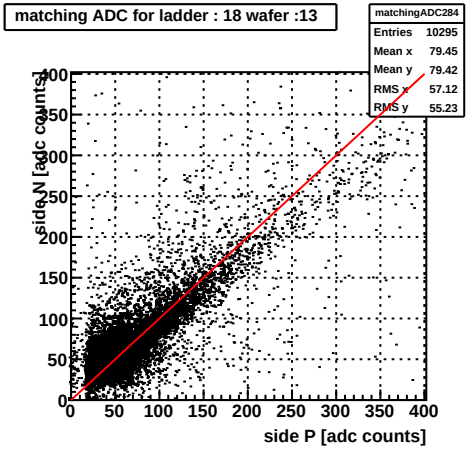

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8604
Mean x 69.18
Mean y 83.25
RMS x 52.59
RMS y 58.54
side N [adc counts]
side P [adc counts]

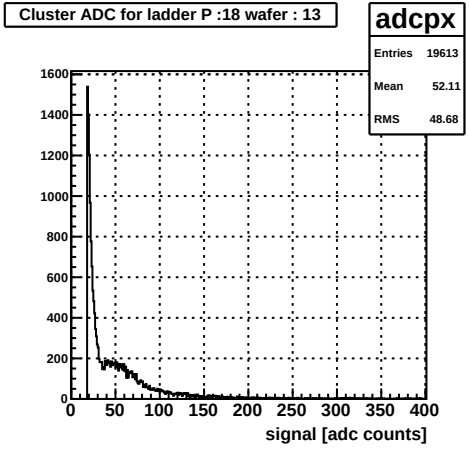

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 13117
Mean 53.22
RMS 48.14
signal [adc counts]

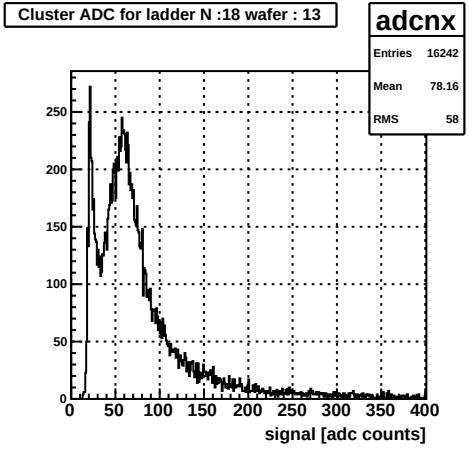

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 27925
Mean 47.28
RMS 48.1
signal [adc counts]

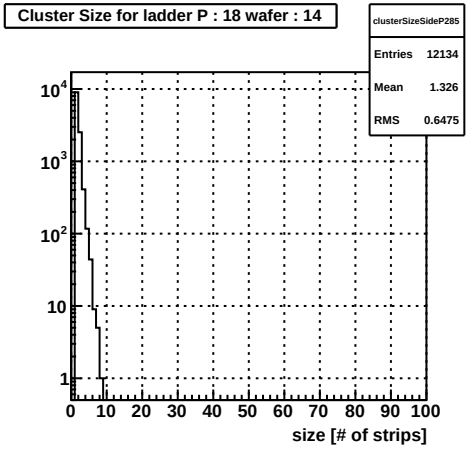

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 19613
Mean 1.25
RMS 0.5682
size [# of strips]

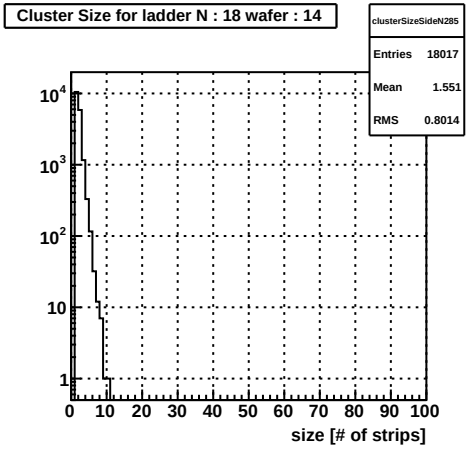

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 16242
Mean 1.517
RMS 0.7975
size [# of strips]

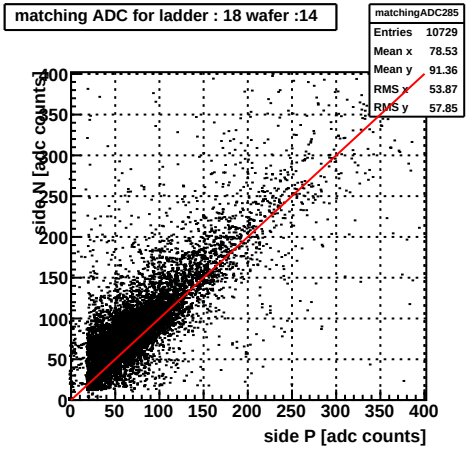

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 10295
Mean x 79.45
Mean y 79.42
RMS x 57.12
RMS y 55.23
side N [adc counts]
side P [adc counts]

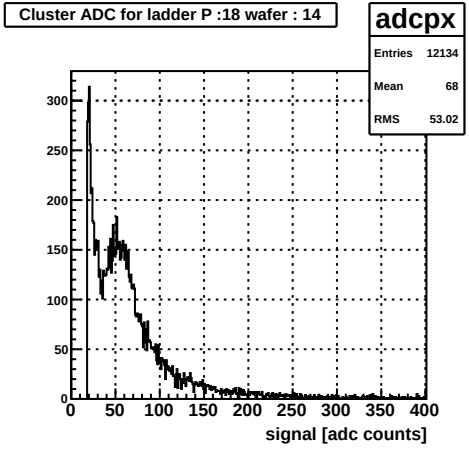

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 19613
Mean 52.11
RMS 48.68
signal [adc counts]

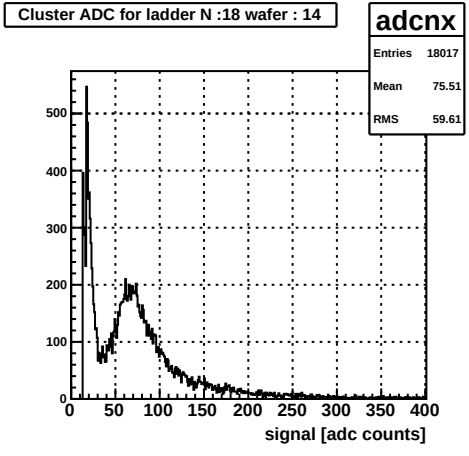

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 16242
Mean 78.16
RMS 58
signal [adc counts]

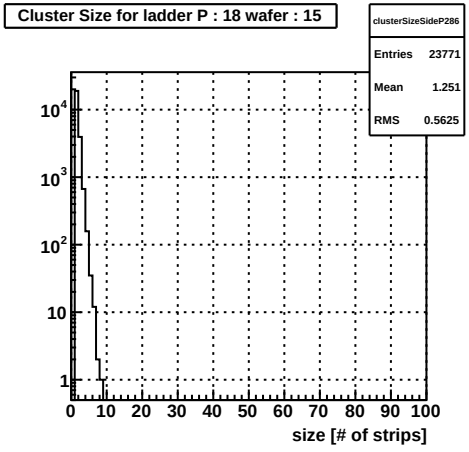

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 12134
Mean 1.326
RMS 0.6475
size [# of strips]

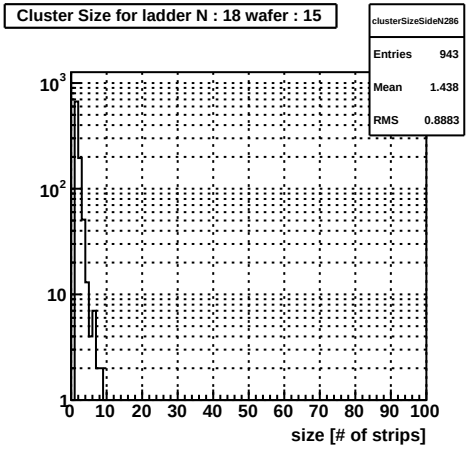

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 18017
Mean 1.551
RMS 0.8014
size [# of strips]

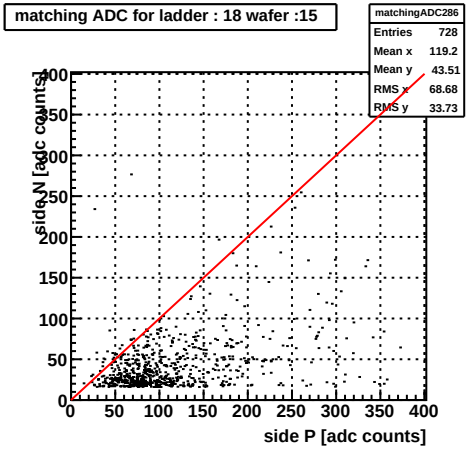

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10729
Mean x 78.53
Mean y 91.36
RMS x 53.87
RMS y 57.85
side N [adc counts]
side P [adc counts]

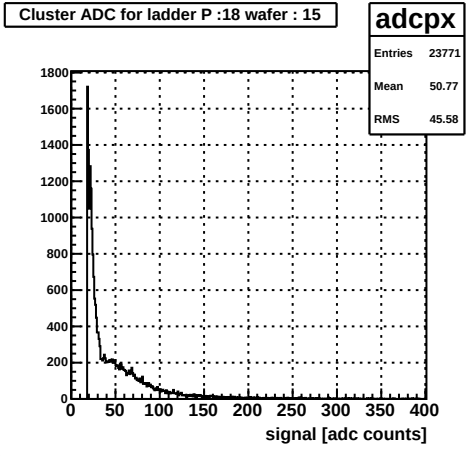

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 12134
Mean 68
RMS 53.02
signal [adc counts]

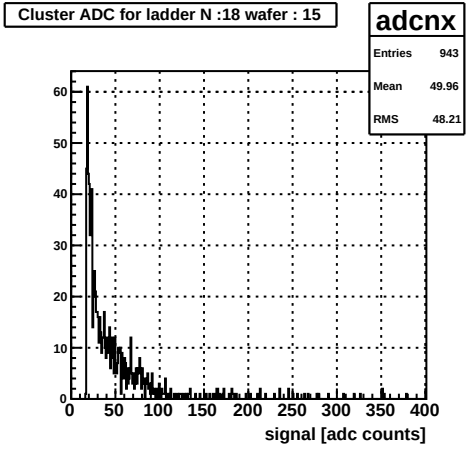

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 18017
Mean 75.51
RMS 59.61
signal [adc counts]

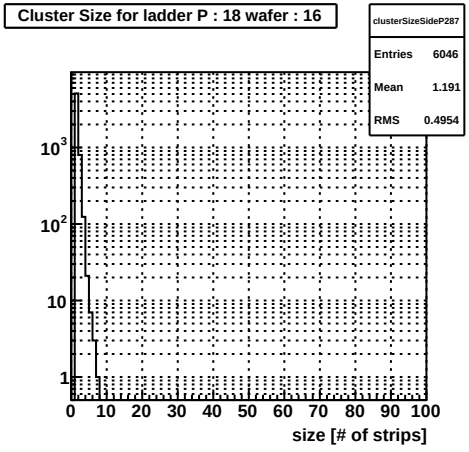

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 23771
Mean 1.251
RMS 0.5625
size [# of strips]

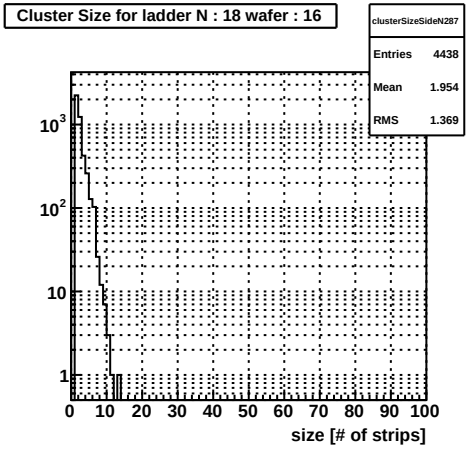

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 943
Mean 1.438
RMS 0.8883
size [# of strips]

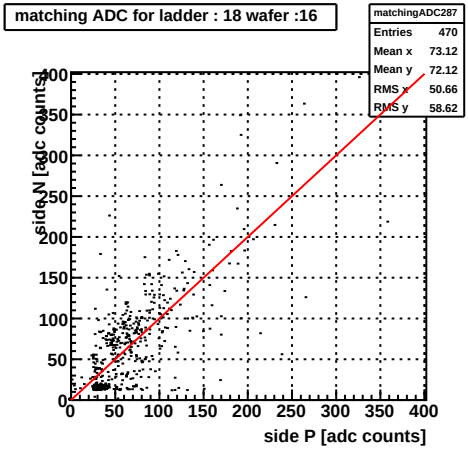

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 728
Mean x 119.2
Mean y 43.51
RMS x 68.68
RMS y 33.73
side N [adc counts]
side P [adc counts]

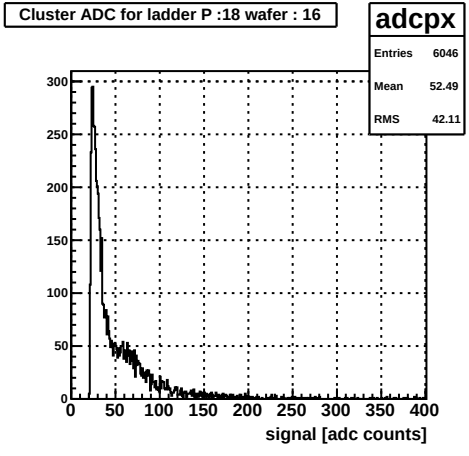

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 23771
Mean 50.77
RMS 45.58
signal [adc counts]

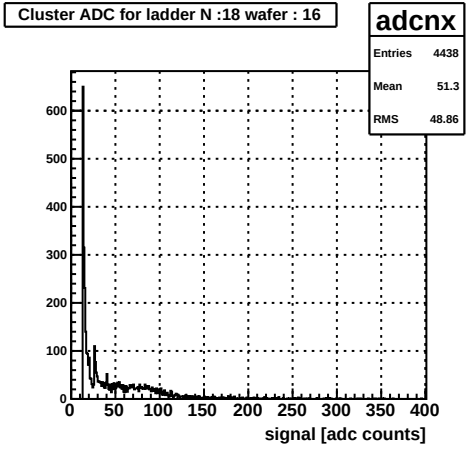

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 943
Mean 49.96
RMS 48.21
signal [adc counts]

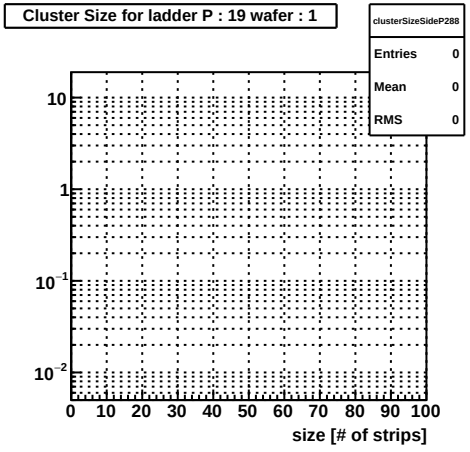

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 6046
Mean 1.191
RMS 0.4954
size [# of strips]

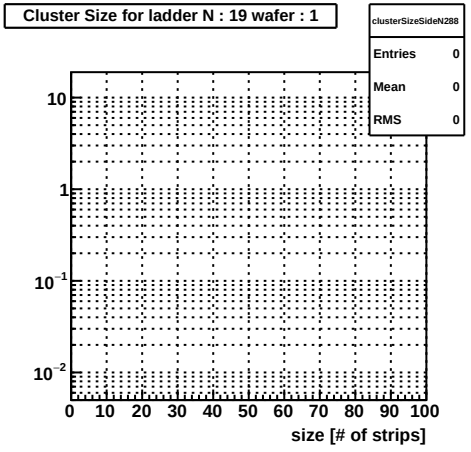

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4438
Mean 1.954
RMS 1.369
size [# of strips]

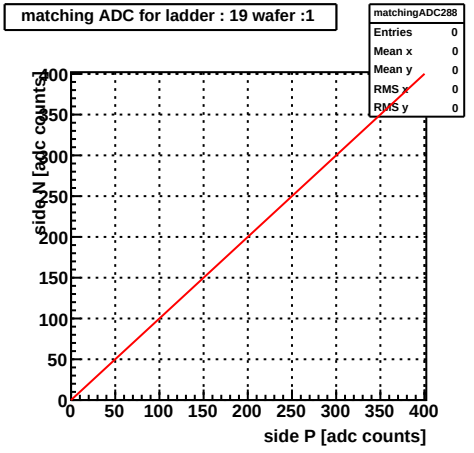

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 470
Mean x 73.12
Mean y 72.12
RMS x 50.66
RMS y 58.62
side N [adc counts]
side P [adc counts]

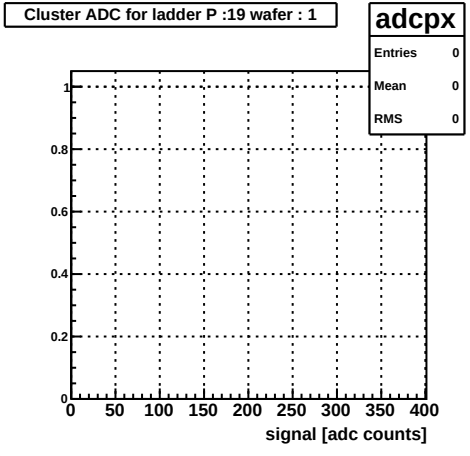

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 6046
Mean 52.49
RMS 42.11
signal [adc counts]

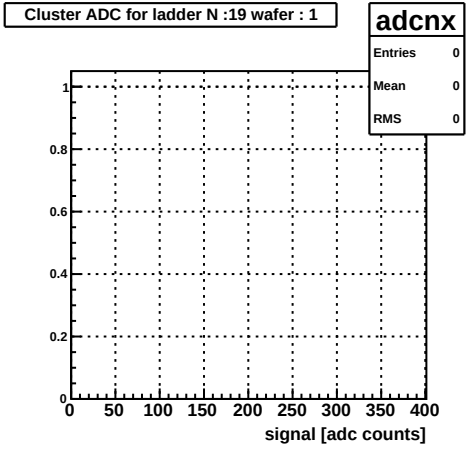

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4438
Mean 51.3
RMS 48.86
signal [adc counts]

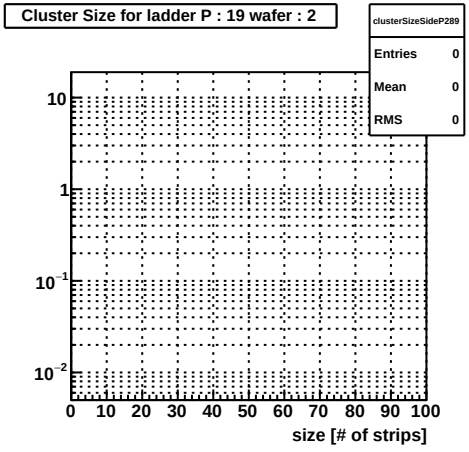

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

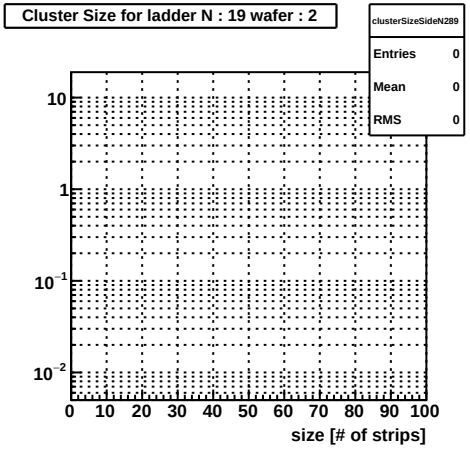

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

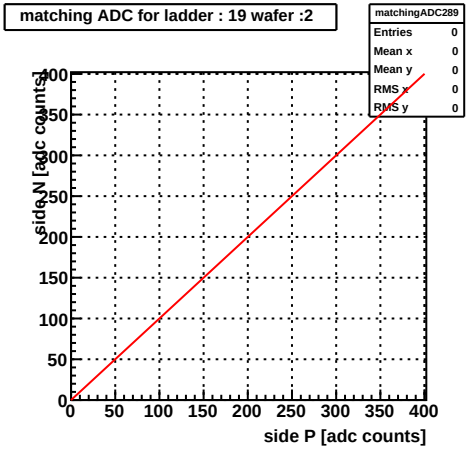

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

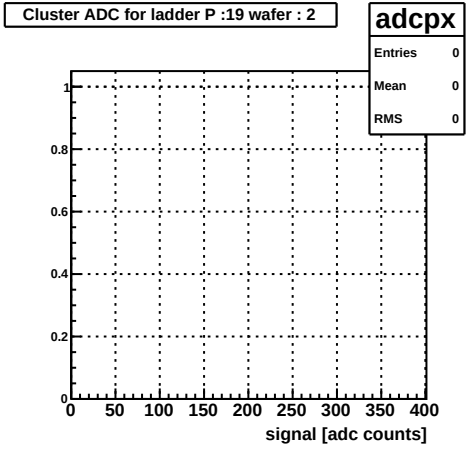

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

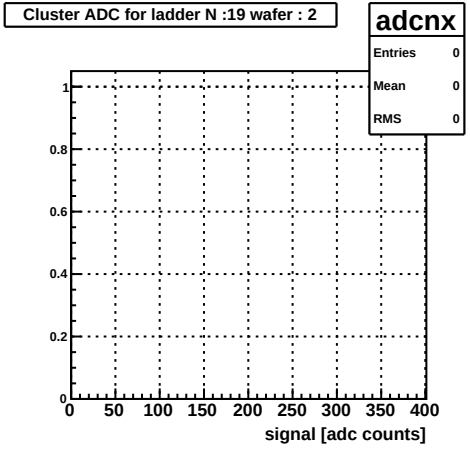

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

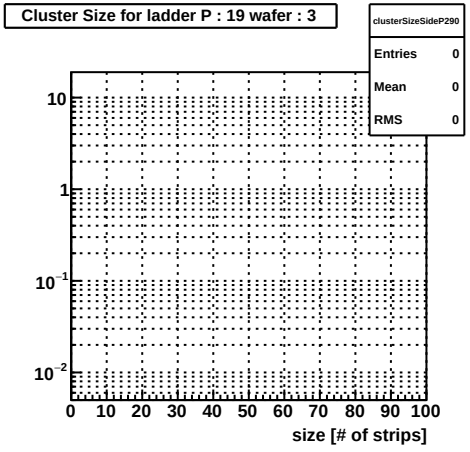

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

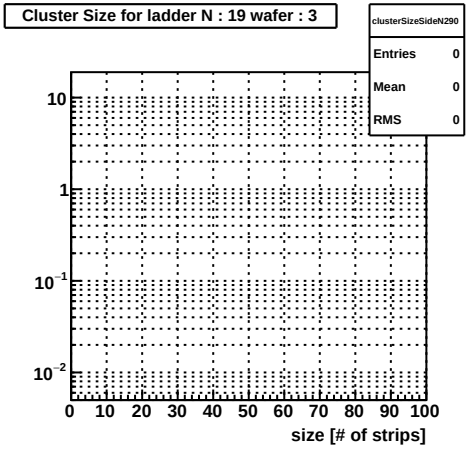

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

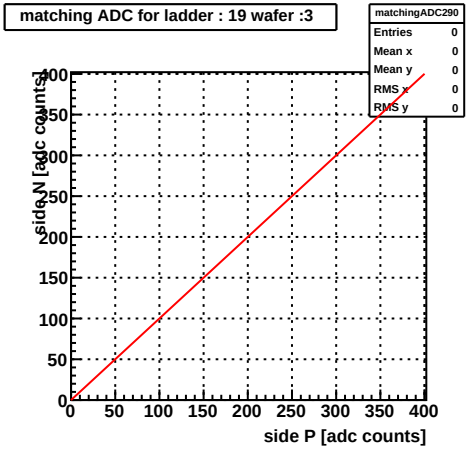

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

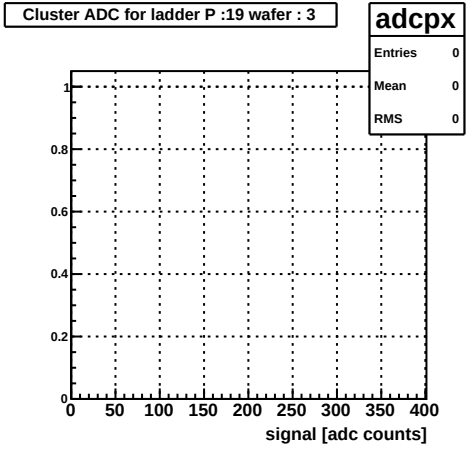

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

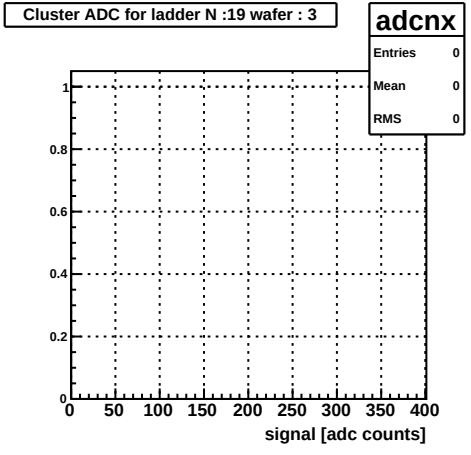

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

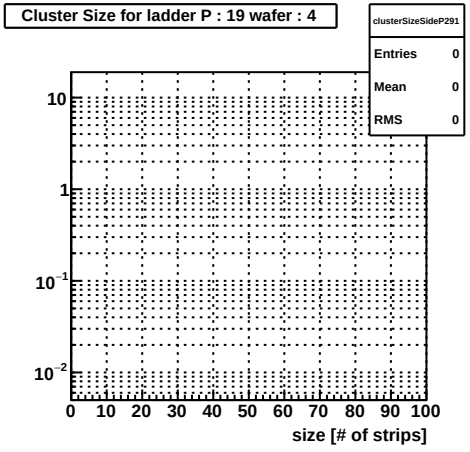

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

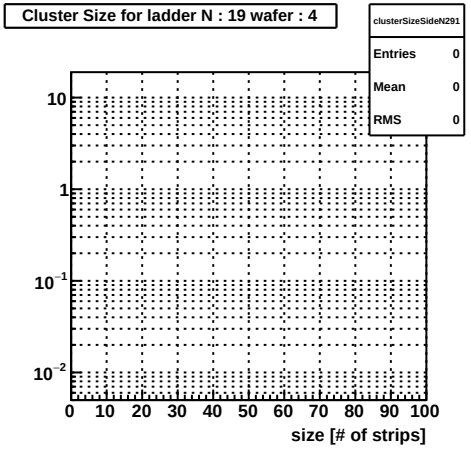

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

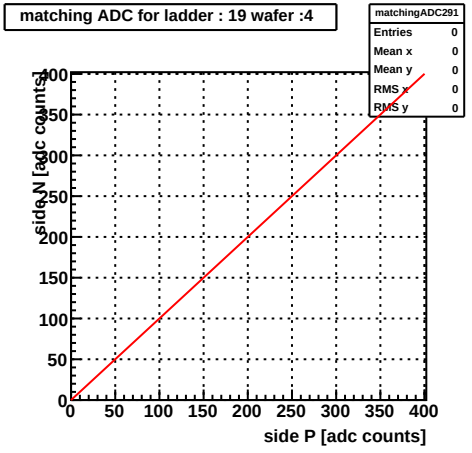

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

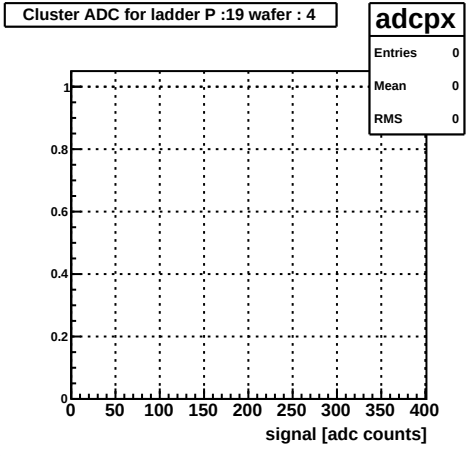

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

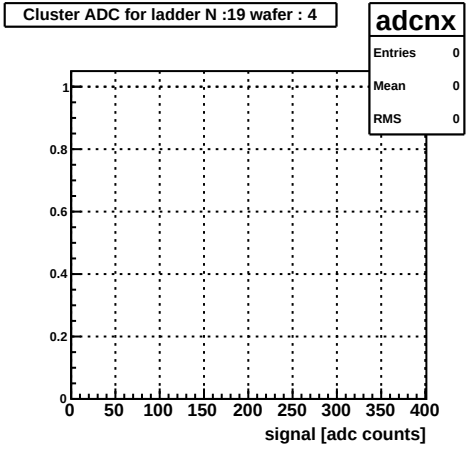

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

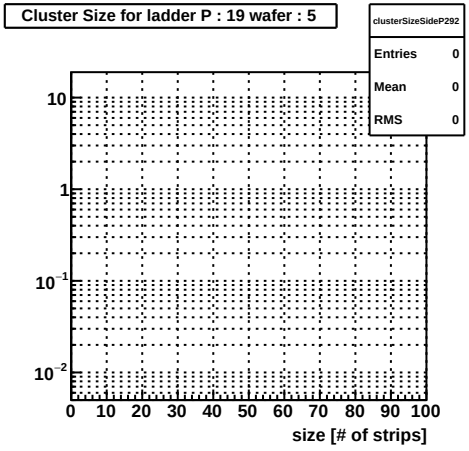

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

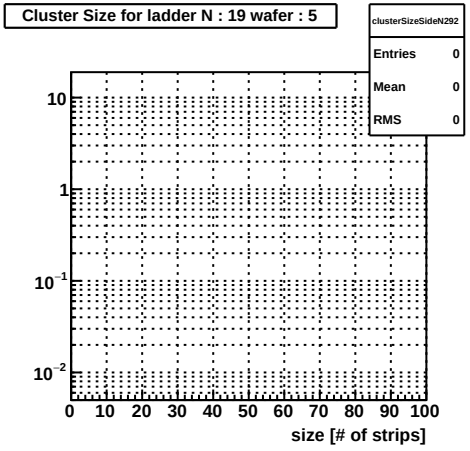

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

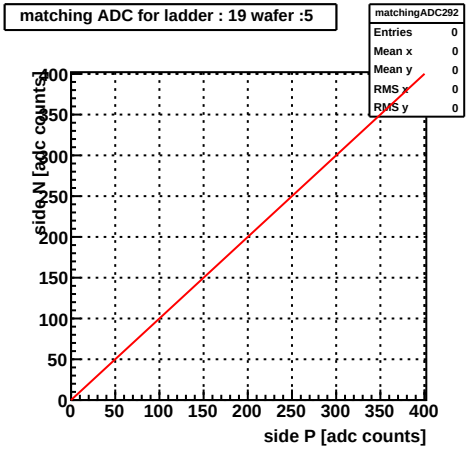

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

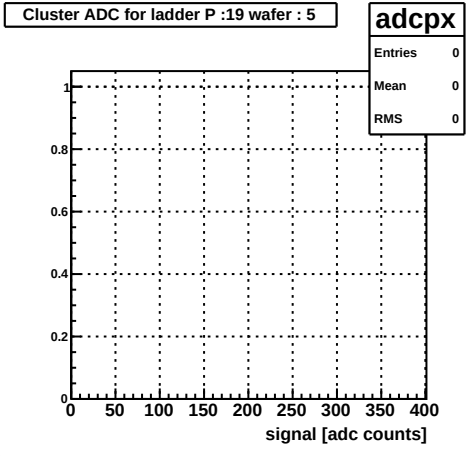

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

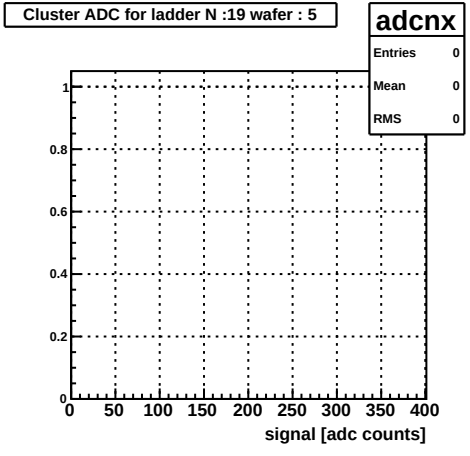

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

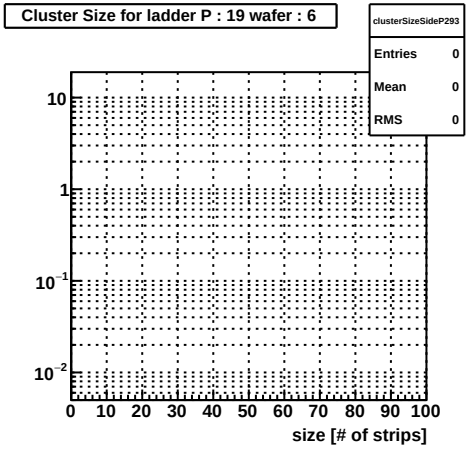

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

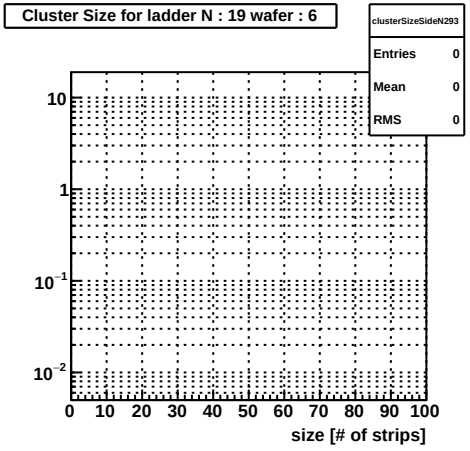

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

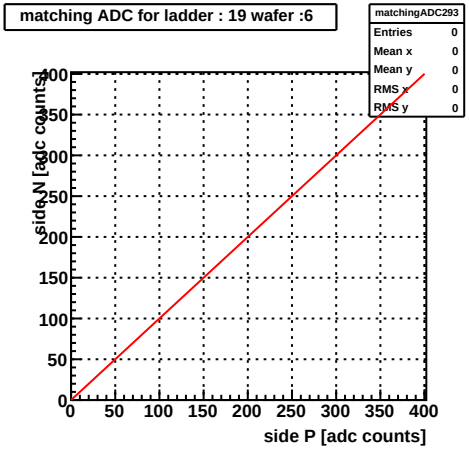

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

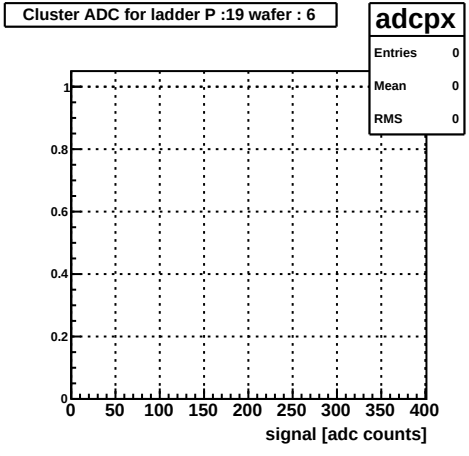

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

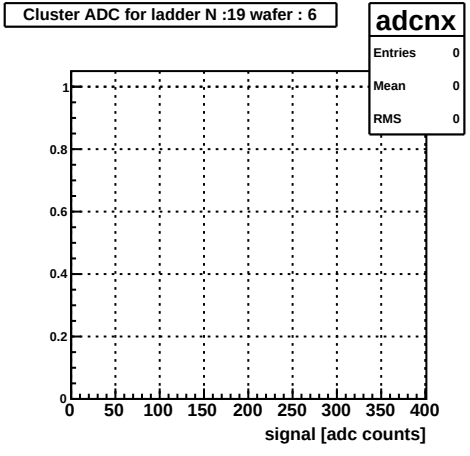

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

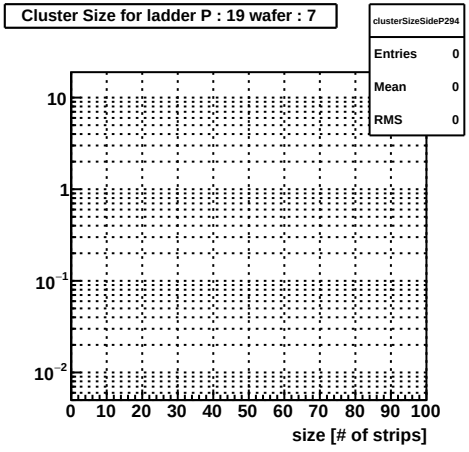

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

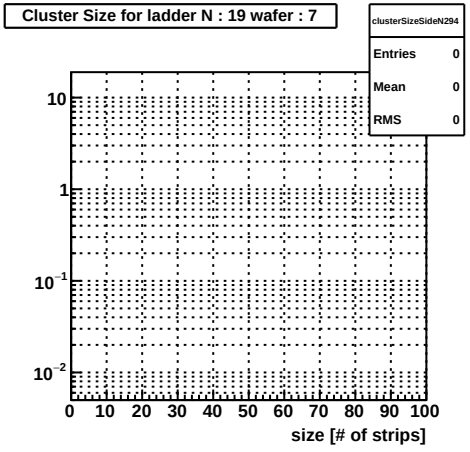

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

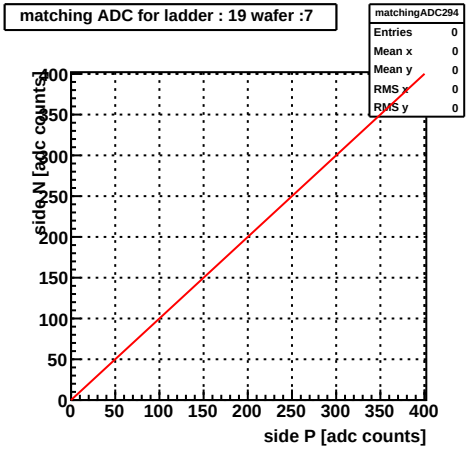

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

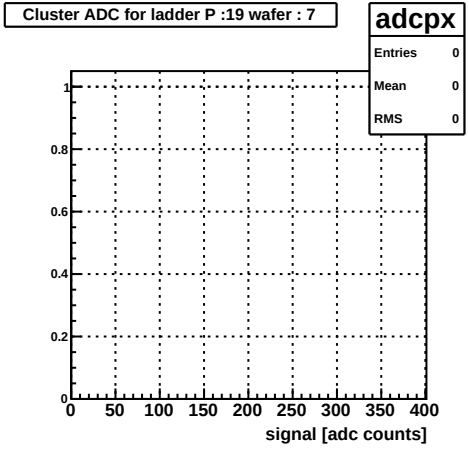

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

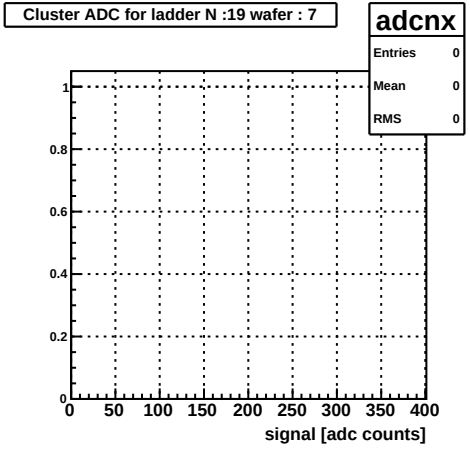

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

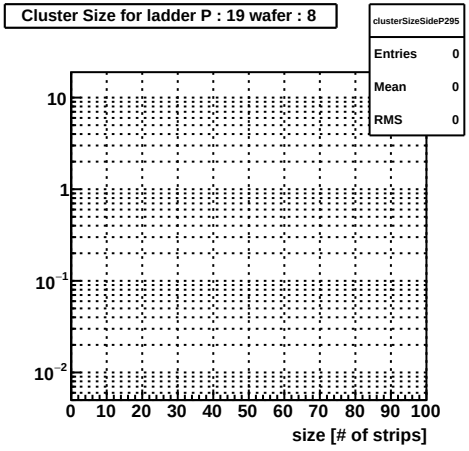

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

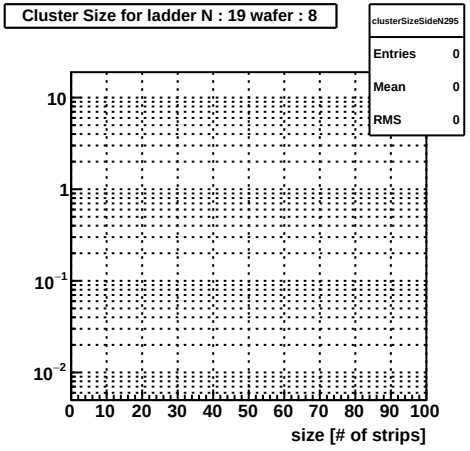

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

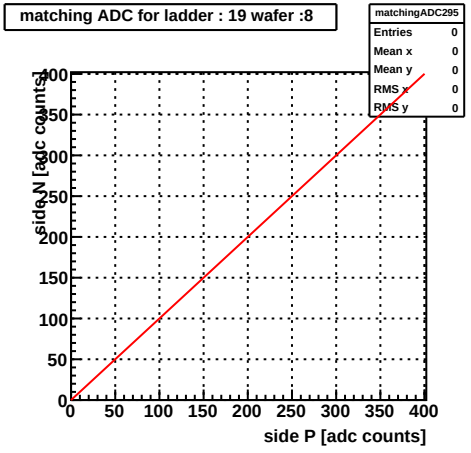

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

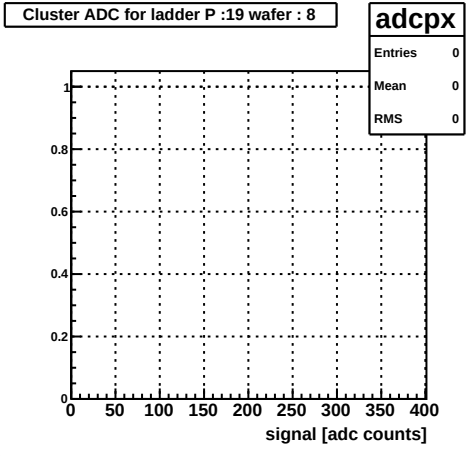

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

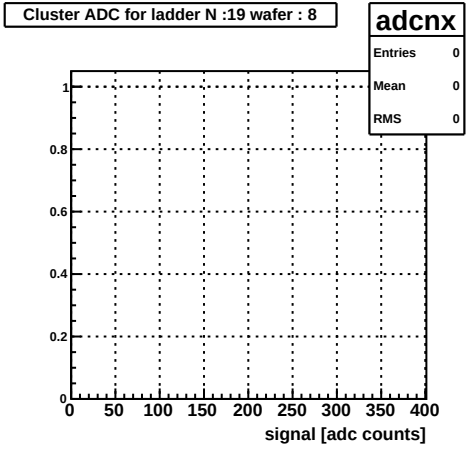

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

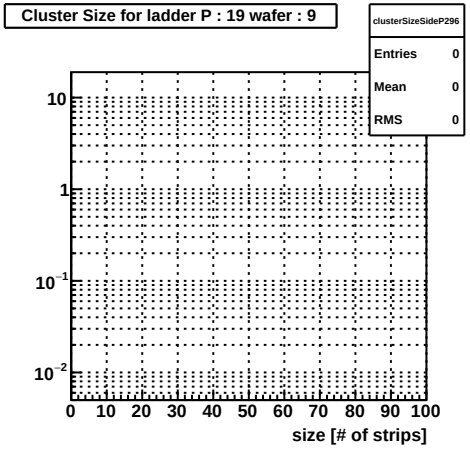

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

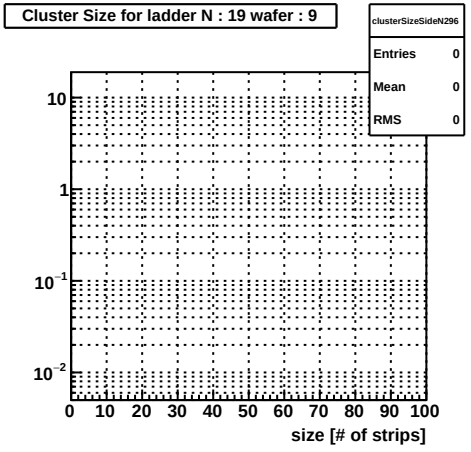

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

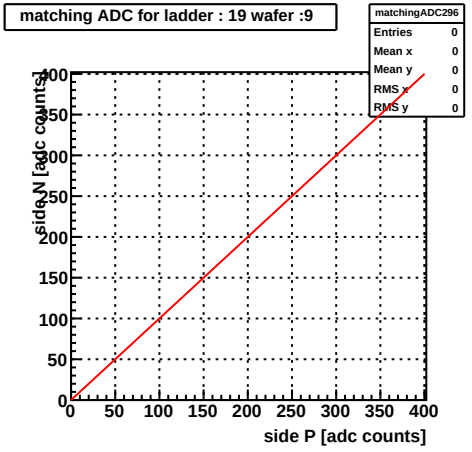

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

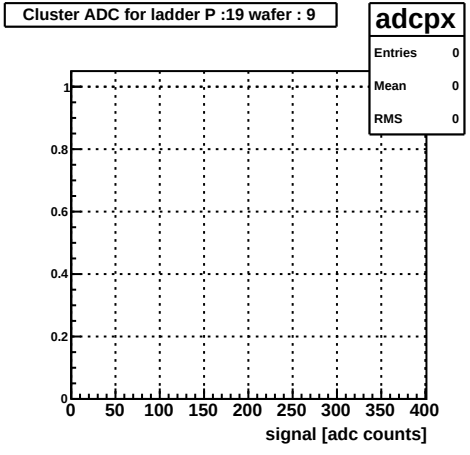

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

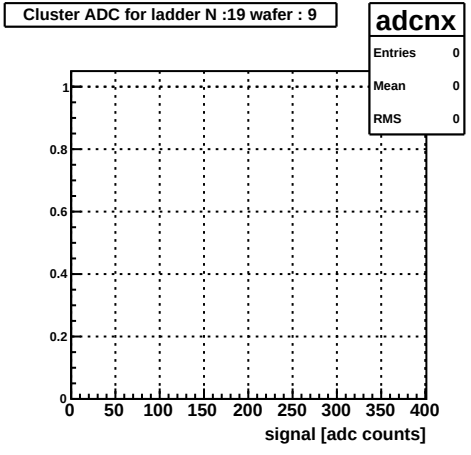

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

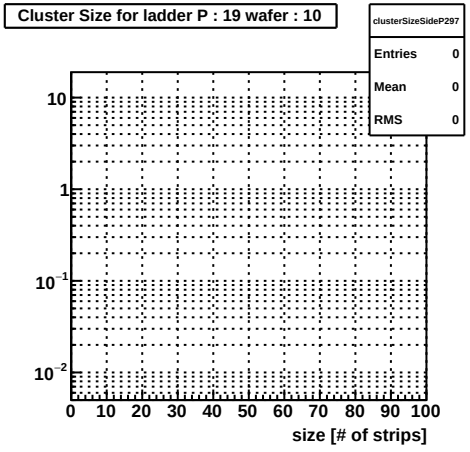

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

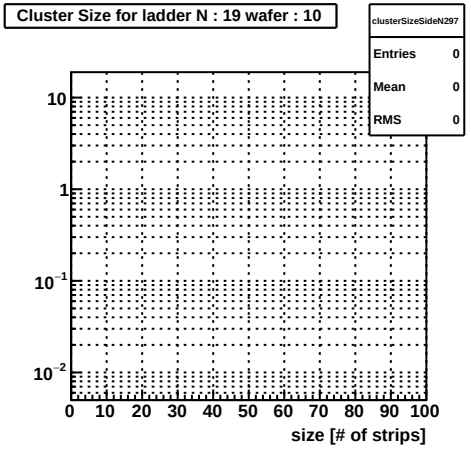

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

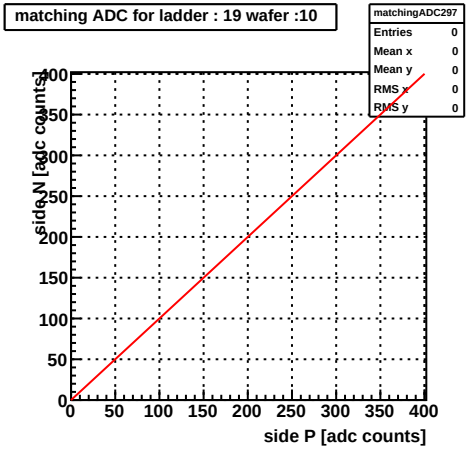

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

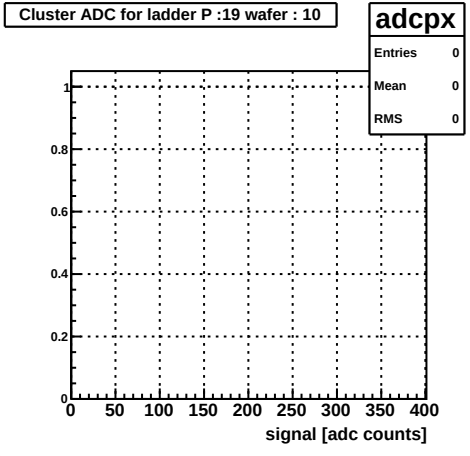

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

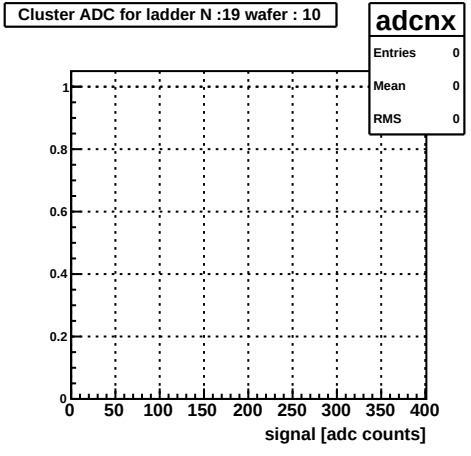

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

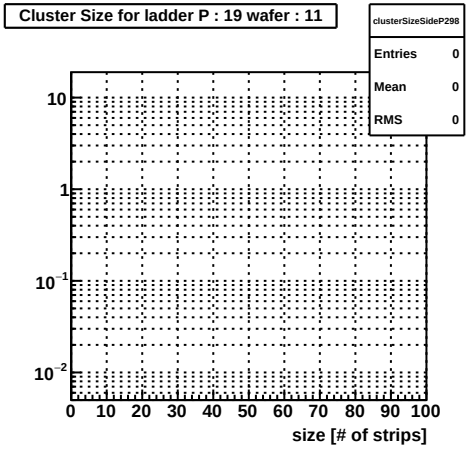

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

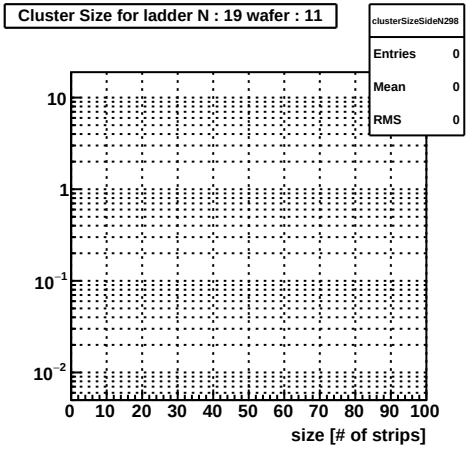

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

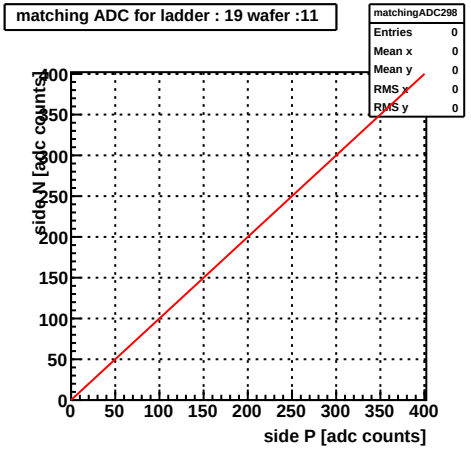

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

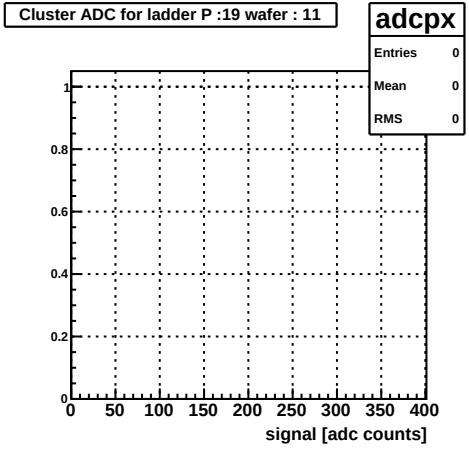

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

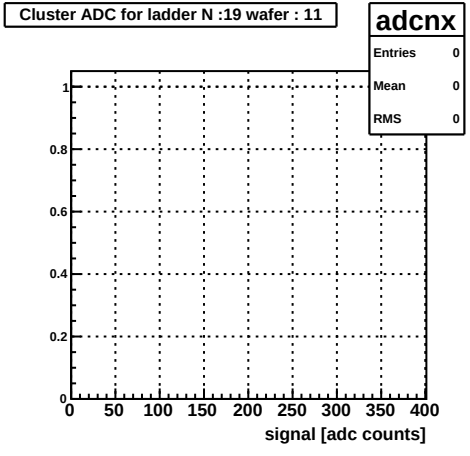

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

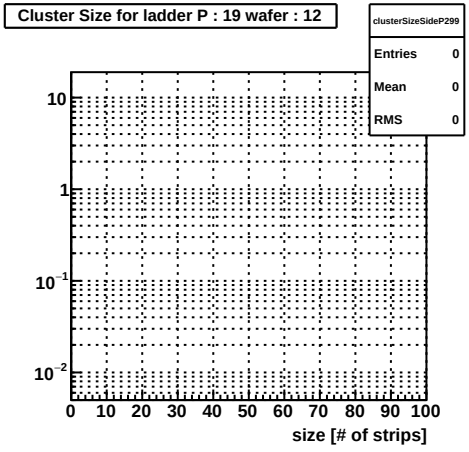

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

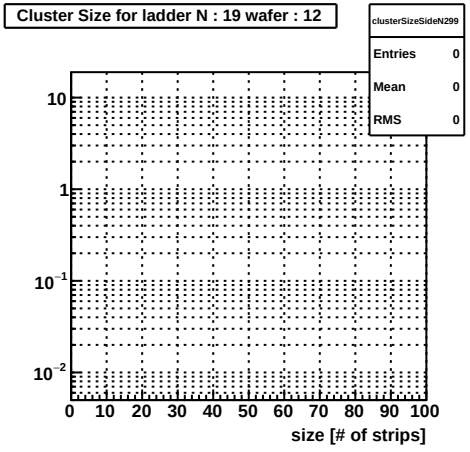

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

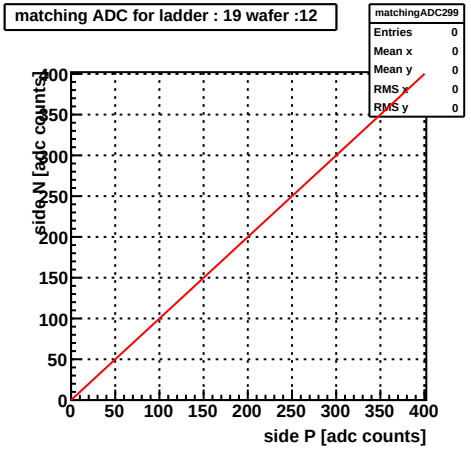

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

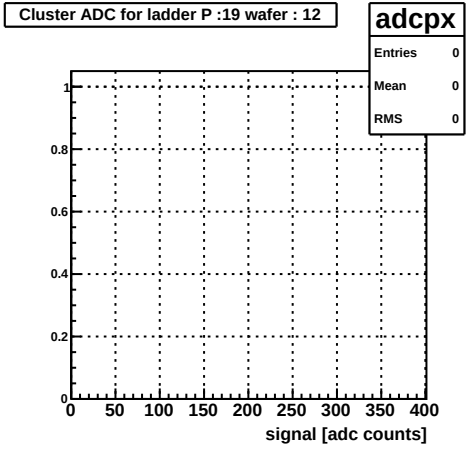

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

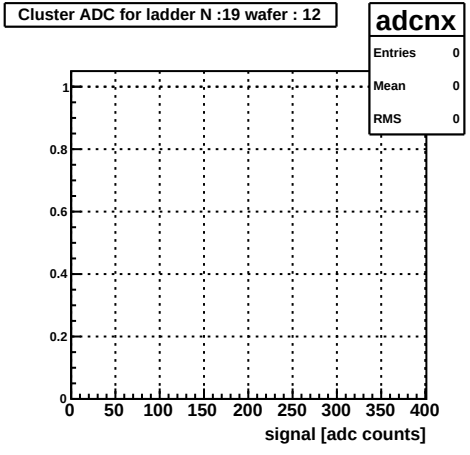

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

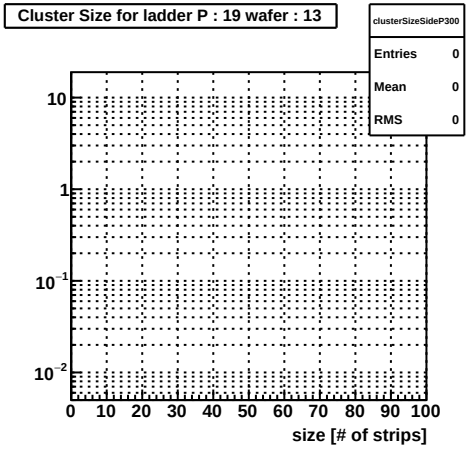

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

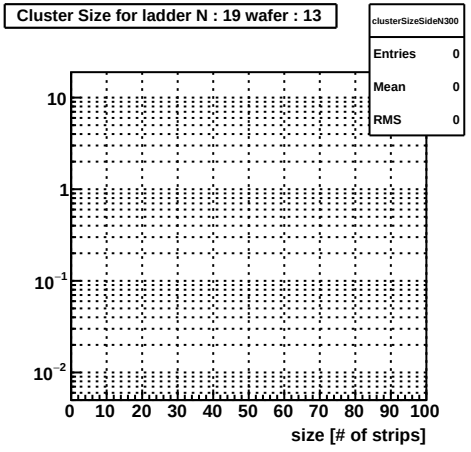

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

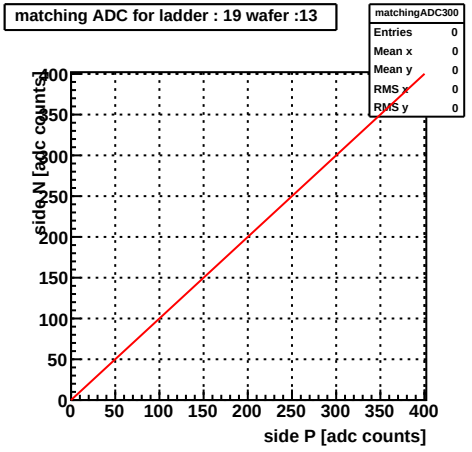

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

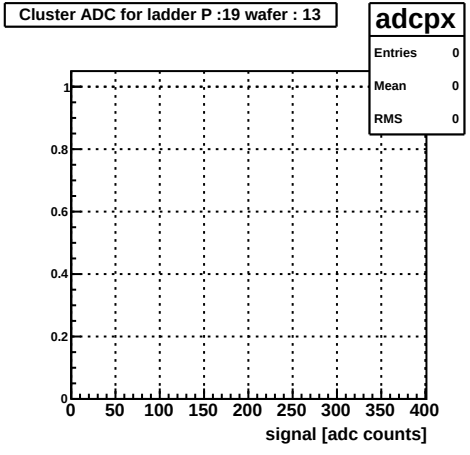

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

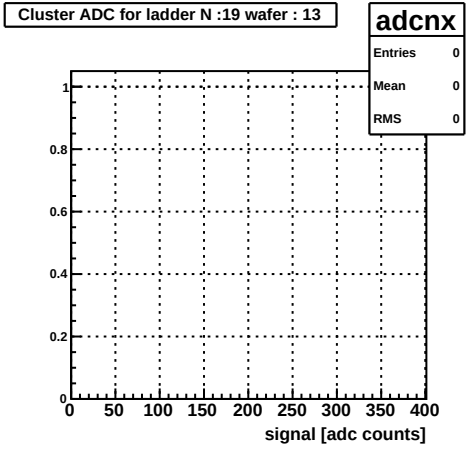

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

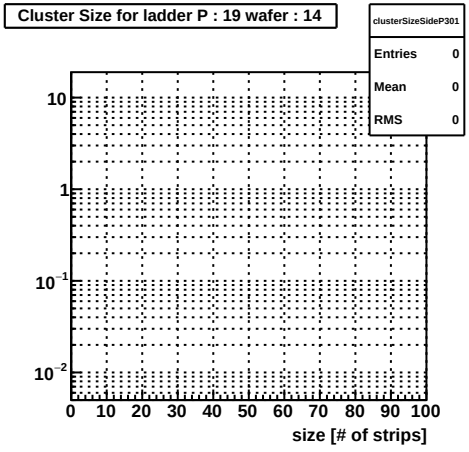

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

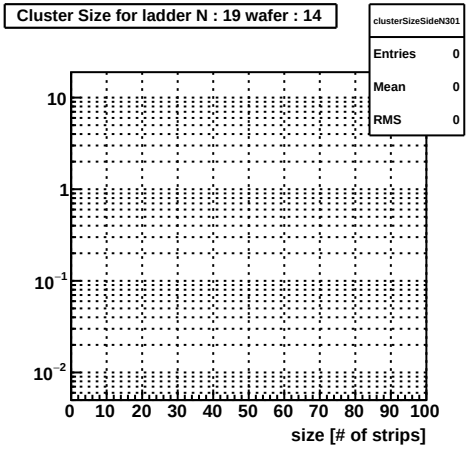

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

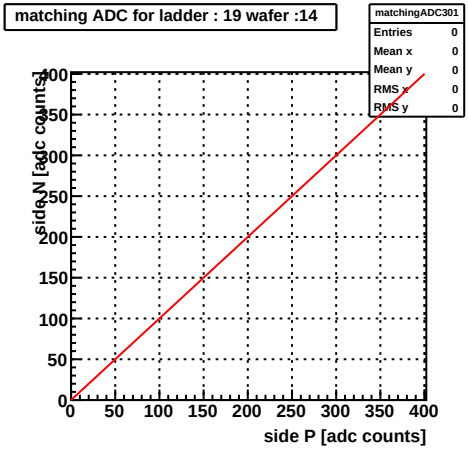

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

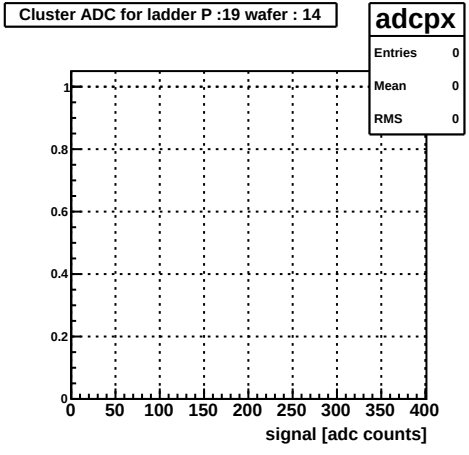

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

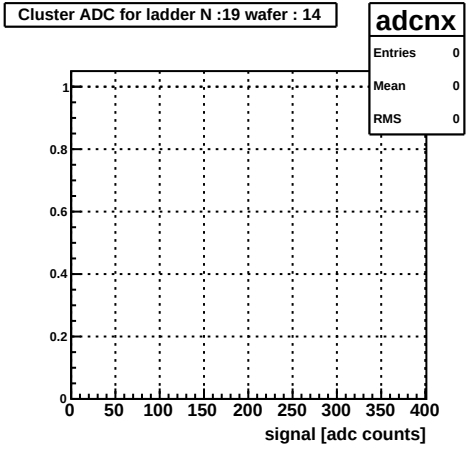

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

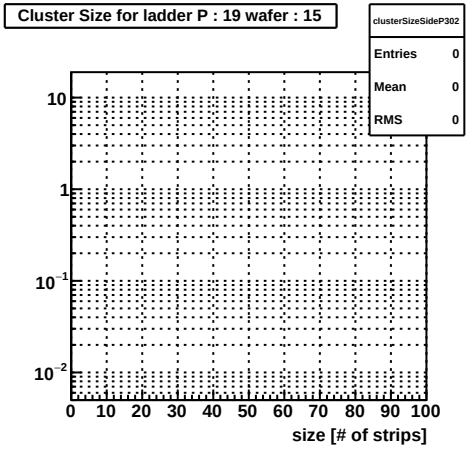

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

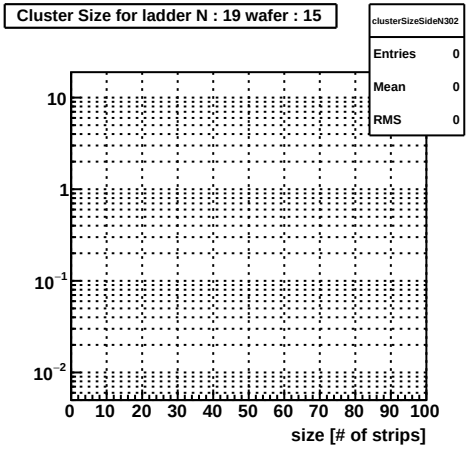

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

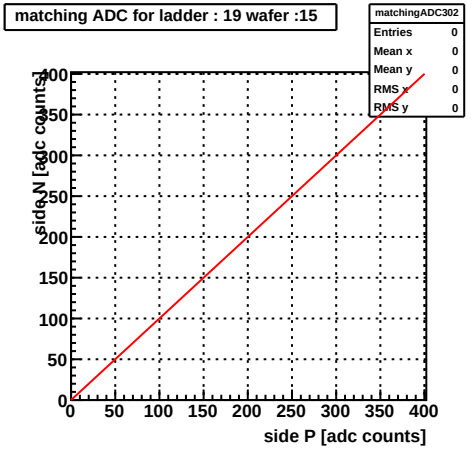

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

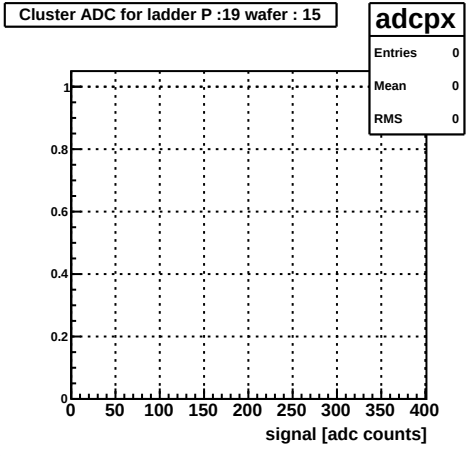

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

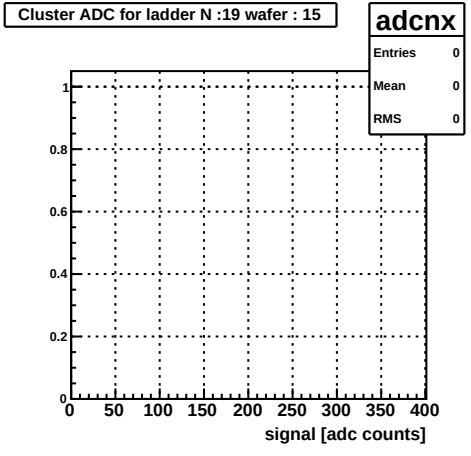

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

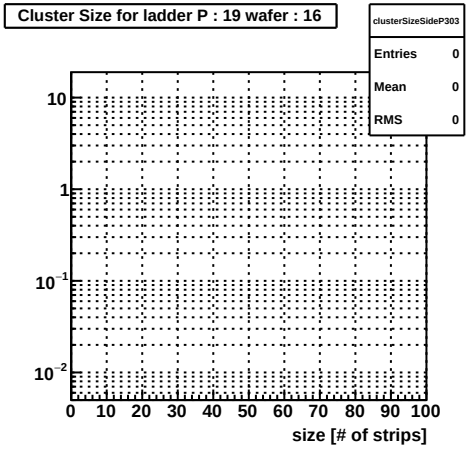

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

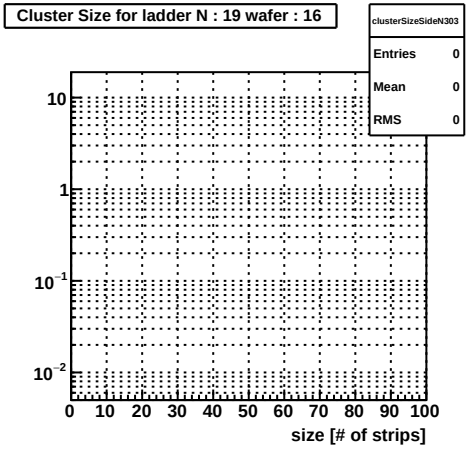

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

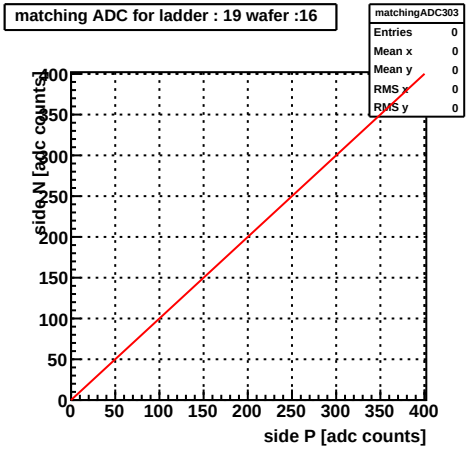

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

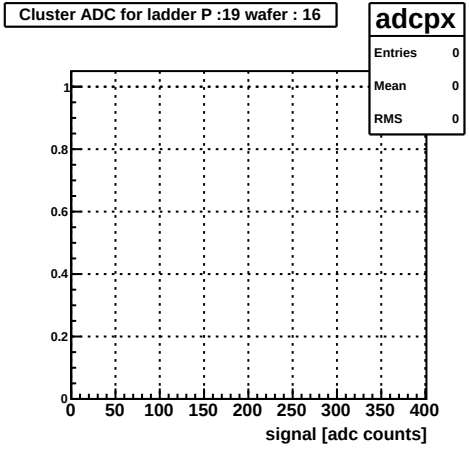

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

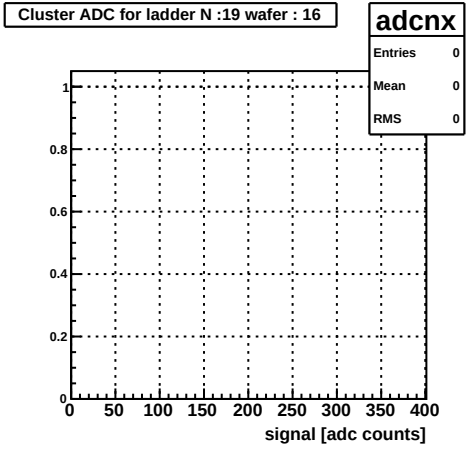

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

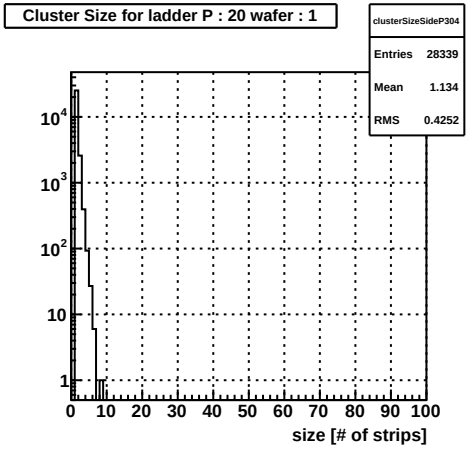

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

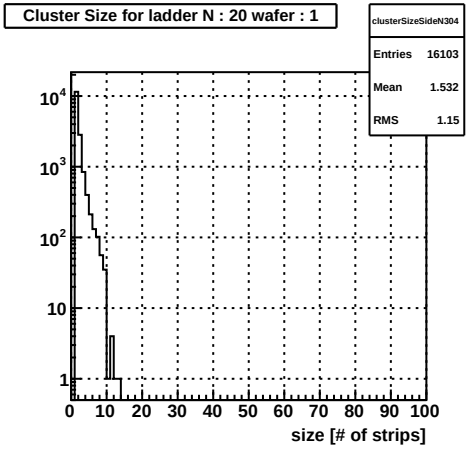

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

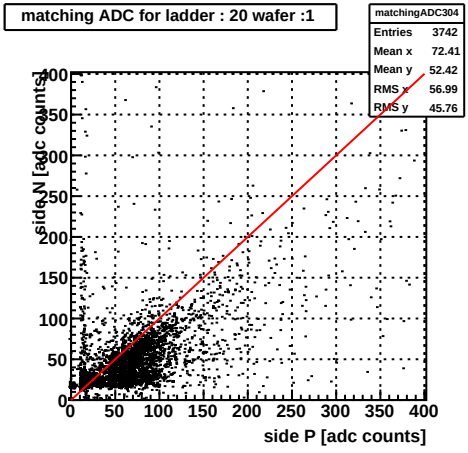

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

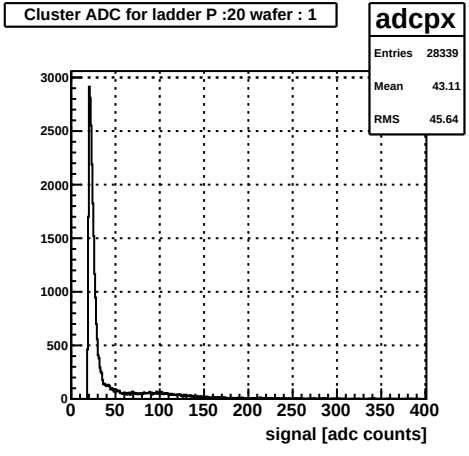

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

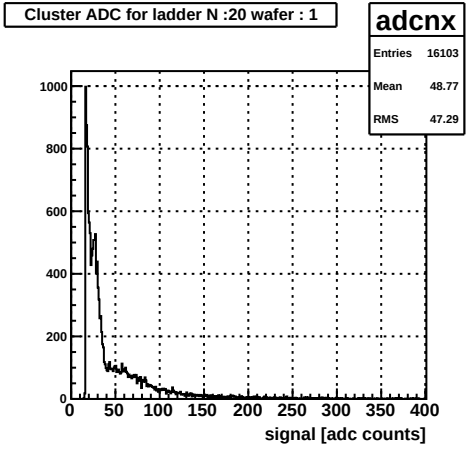

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

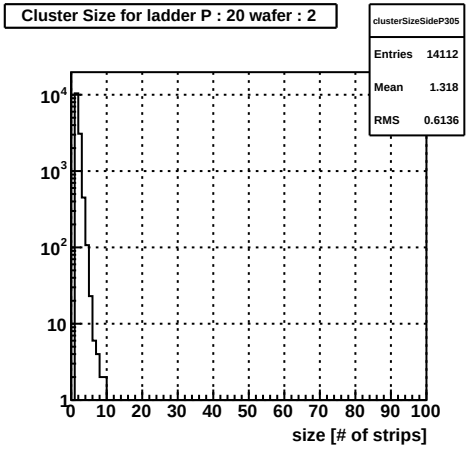

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 28339
Mean 1.134
RMS 0.4252
size [# of strips]

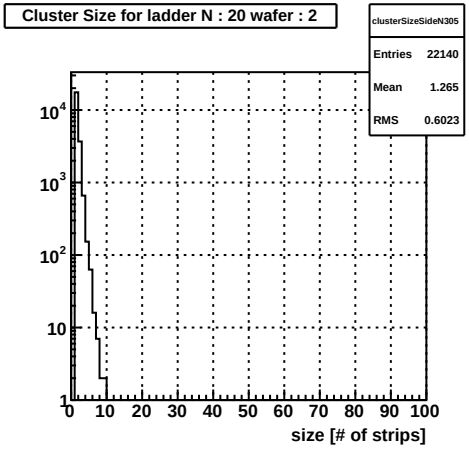

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 16103
Mean 1.532
RMS 1.15
size [# of strips]

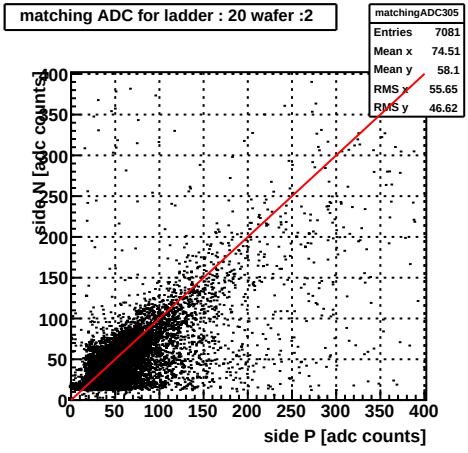

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3742
Mean x 72.41
Mean y 52.42
RMS x 56.99
RMS y 45.76
side N [adc counts]
side P [adc counts]

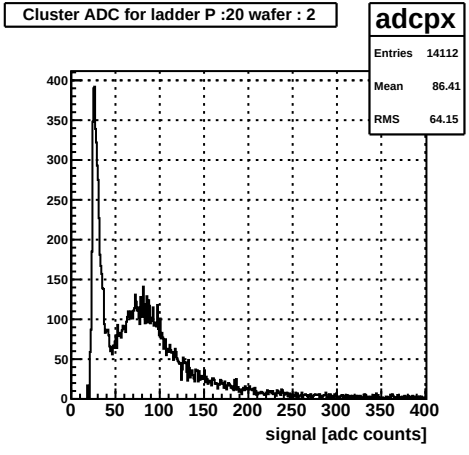

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 28339
Mean 43.11
RMS 45.64
signal [adc counts]

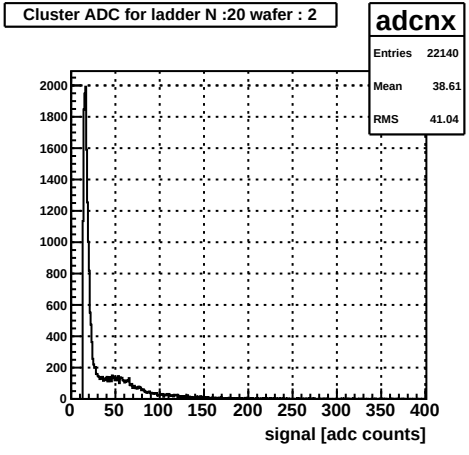

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 16103
Mean 48.77
RMS 47.29
signal [adc counts]

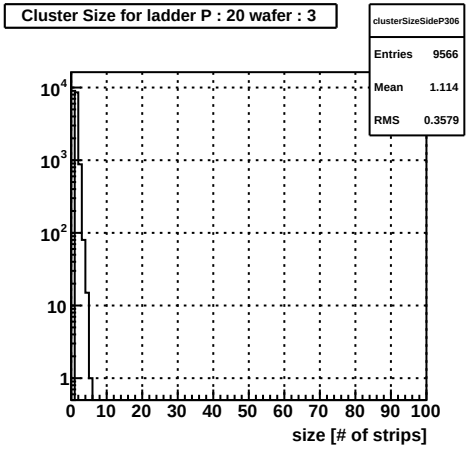

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 14112
Mean 1.318
RMS 0.6136
size [# of strips]

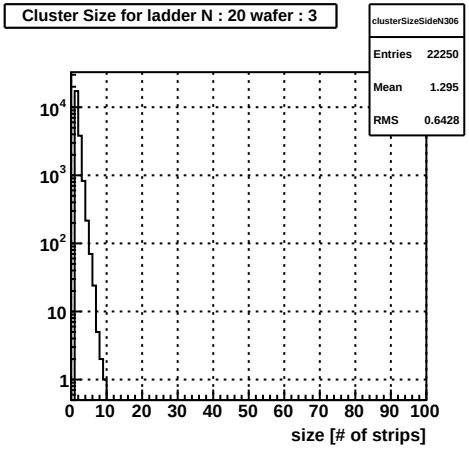

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 22140
Mean 1.265
RMS 0.6023
size [# of strips]

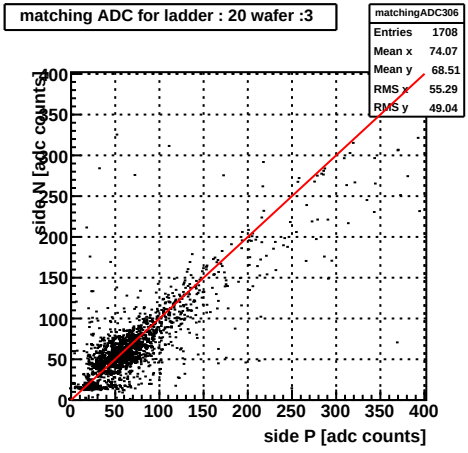

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7081
Mean x 74.51
Mean y 58.1
RMS x 55.65
RMS y 46.62
side N [adc counts]
side P [adc counts]

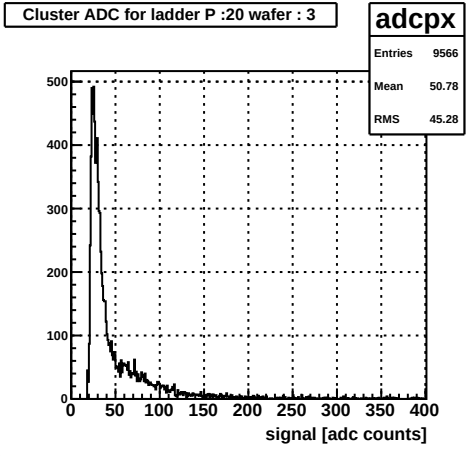

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 14112
Mean 86.41
RMS 64.15
signal [adc counts]

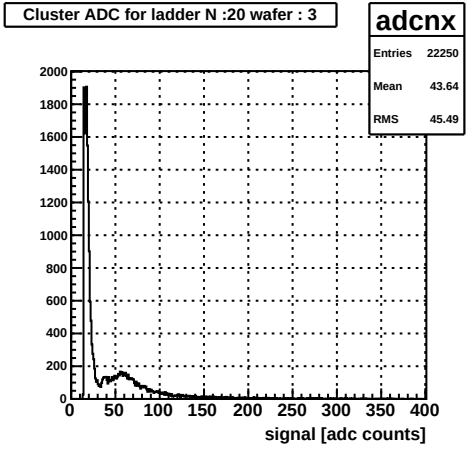

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 22140
Mean 38.61
RMS 41.04
signal [adc counts]

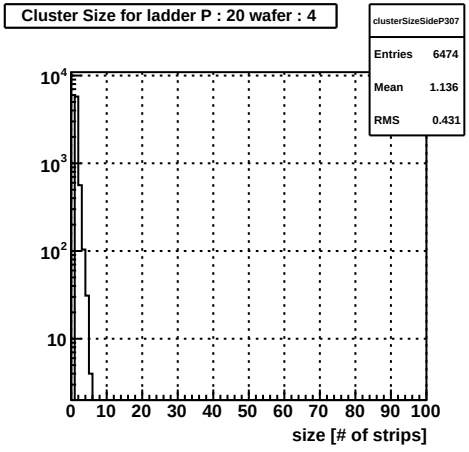

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9566
Mean 1.114
RMS 0.3579
size [# of strips]

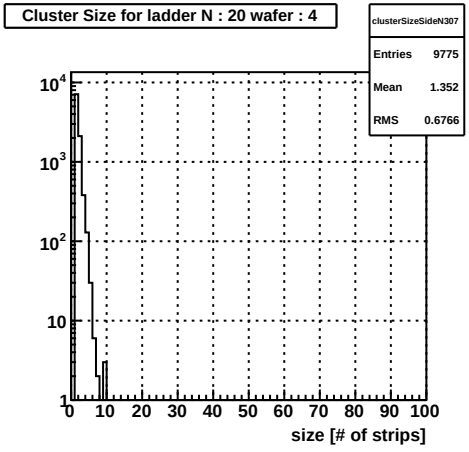

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 22250
Mean 1.295
RMS 0.6428
size [# of strips]

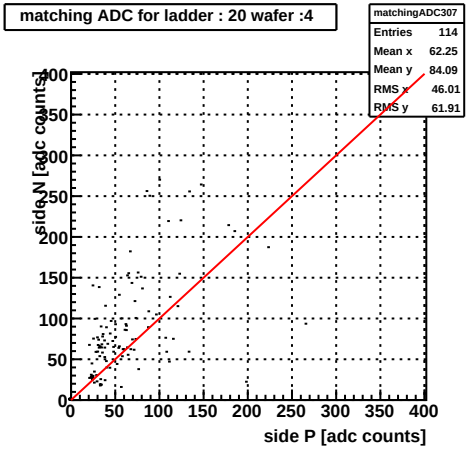

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1708
Mean x 74.07
Mean y 68.51
RMS x 55.29
RMS y 49.04
side N [adc counts]
side P [adc counts]

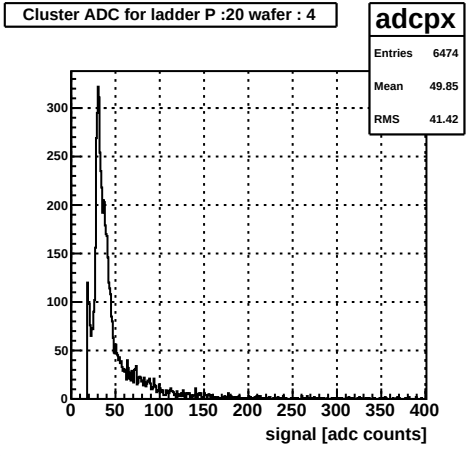

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9566
Mean 50.78
RMS 45.28
signal [adc counts]

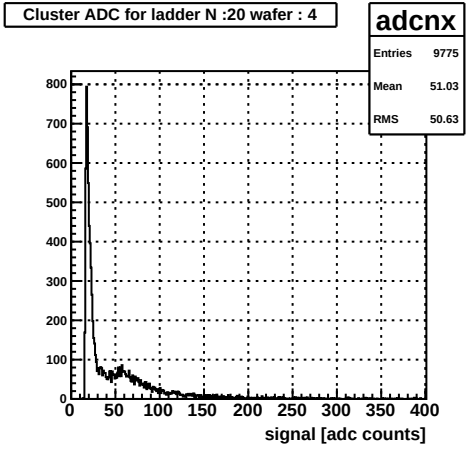

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 22250
Mean 43.64
RMS 45.49
signal [adc counts]

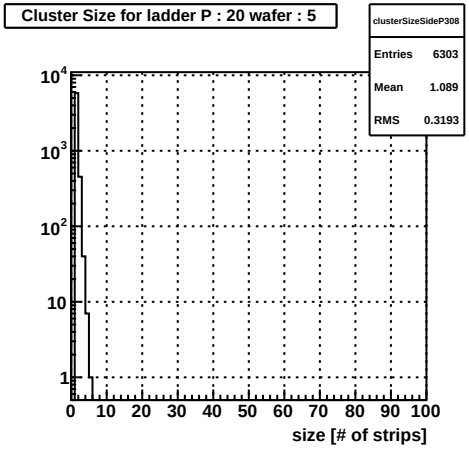

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6474
Mean 1.136
RMS 0.431
size [# of strips]

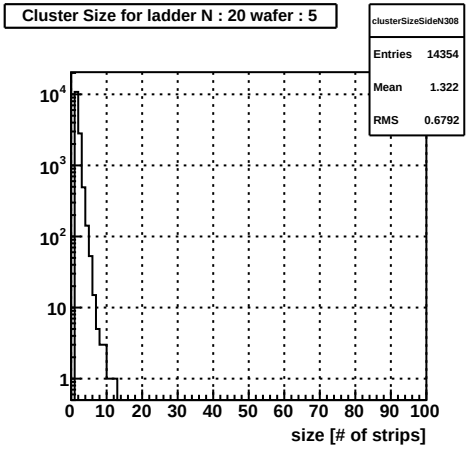

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 9775
Mean 1.352
RMS 0.6766
size [# of strips]

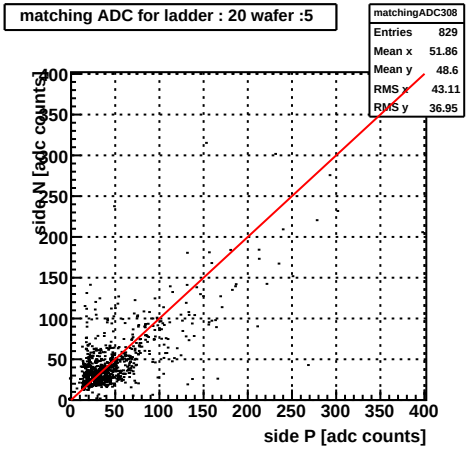

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 114
Mean x 62.25
Mean y 84.09
RMS x 46.01
RMS y 61.91
side N [adc counts]
side P [adc counts]

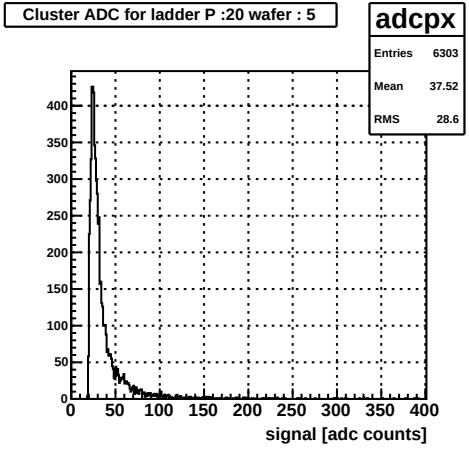

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6474
Mean 49.85
RMS 41.42
signal [adc counts]

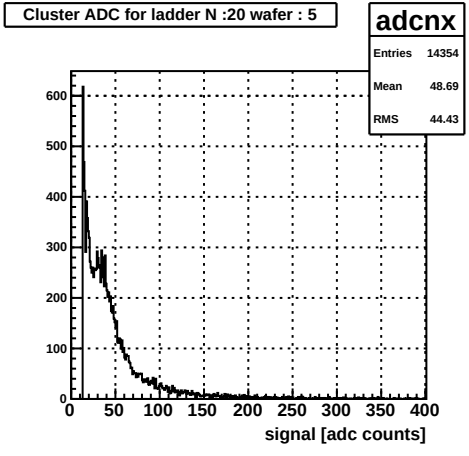

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 9775
Mean 51.03
RMS 50.63
signal [adc counts]

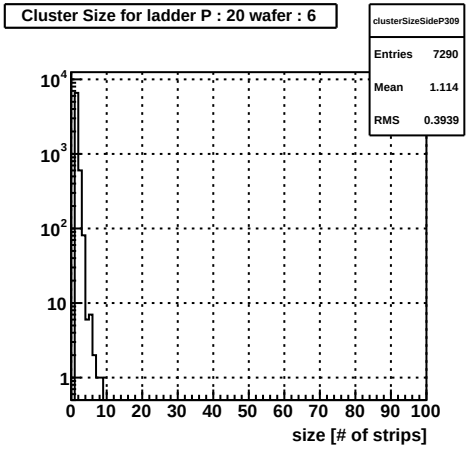

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 6303
Mean 1.089
RMS 0.3193
size [# of strips]

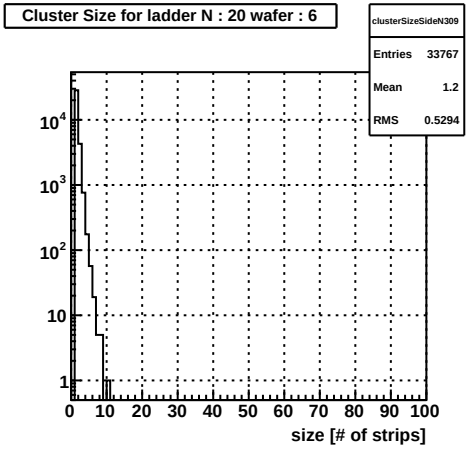

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 14354
Mean 1.322
RMS 0.6792
size [# of strips]

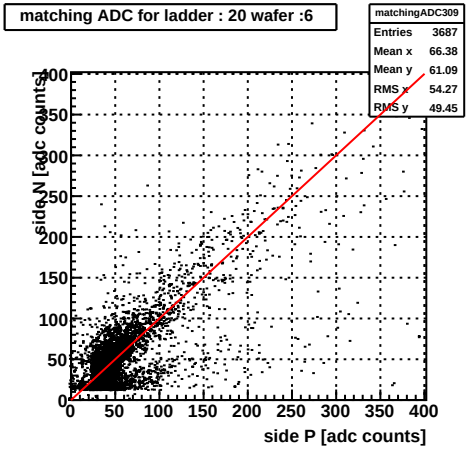

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 829
Mean x 51.86
Mean y 48.6
RMS x 43.11
RMS y 36.95
side N [adc counts]
side P [adc counts]

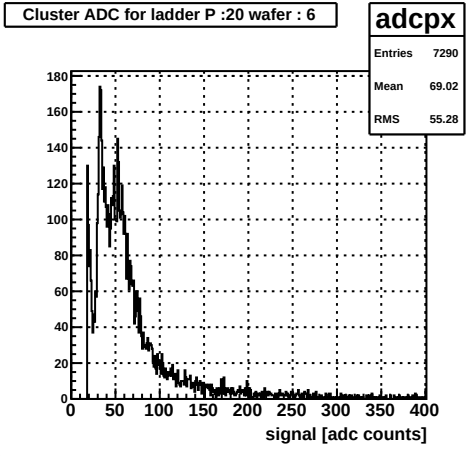

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 6303
Mean 37.52
RMS 28.6
signal [adc counts]

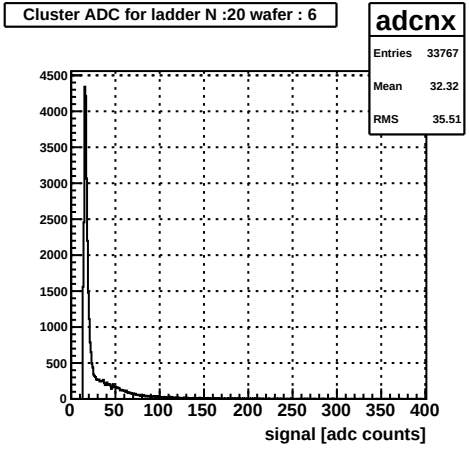

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 14354
Mean 48.69
RMS 44.43
signal [adc counts]

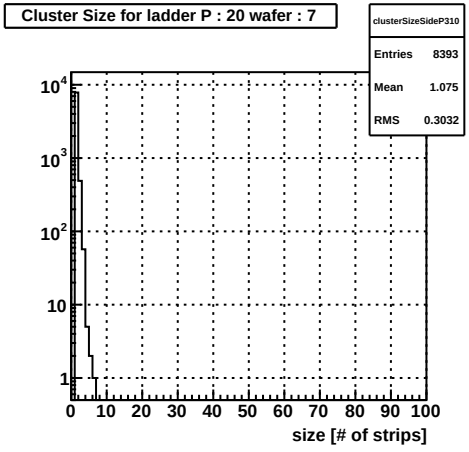

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7290
Mean 1.114
RMS 0.3939
size [# of strips]

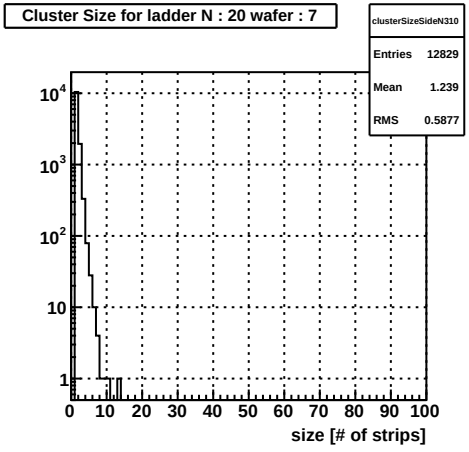

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 33767
Mean 1.2
RMS 0.5294
size [# of strips]

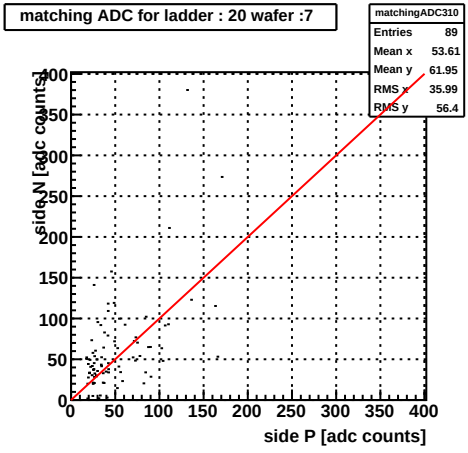

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3687
Mean x 66.38
Mean y 61.09
RMS x 54.27
RMS y 49.45
side N [adc counts]
side P [adc counts]

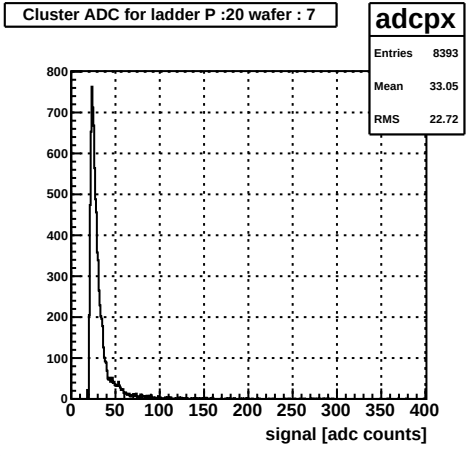

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7290
Mean 69.02
RMS 55.28
signal [adc counts]

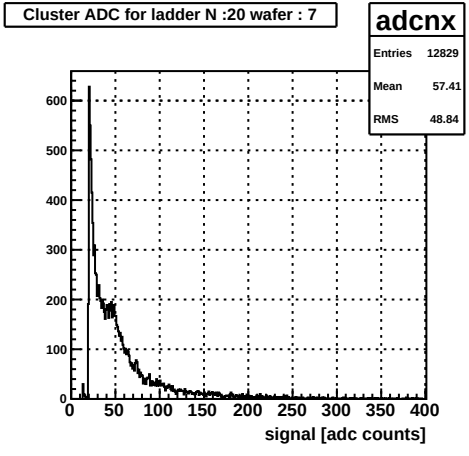

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 33767
Mean 32.32
RMS 35.51
signal [adc counts]

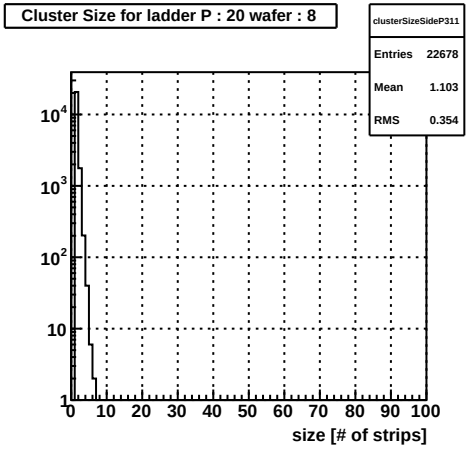

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 8393
Mean 1.075
RMS 0.3032
size [# of strips]

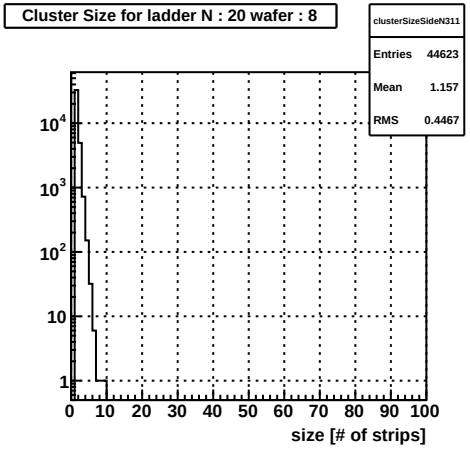

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 12829
Mean 1.239
RMS 0.5877
size [# of strips]

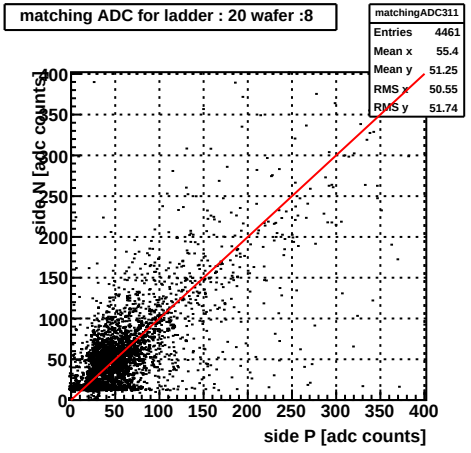

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 89
Mean x 53.61
Mean y 61.95
RMS x 35.99
RMS y 56.4
side N [adc counts]
side P [adc counts]

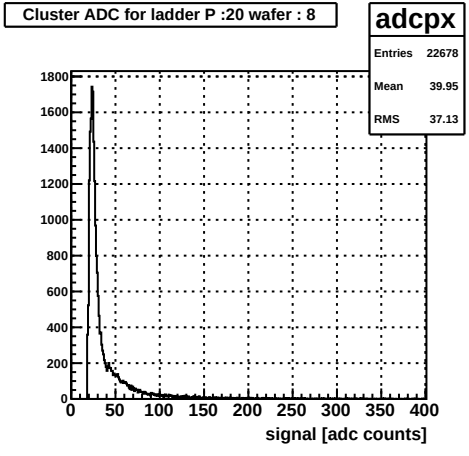

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 8393
Mean 33.05
RMS 22.72
signal [adc counts]

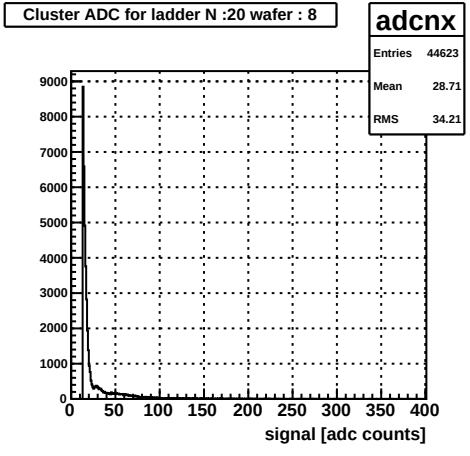

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 12829
Mean 57.41
RMS 48.84
signal [adc counts]

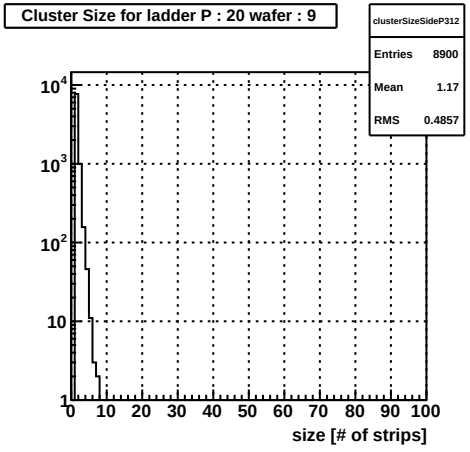

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 22678
Mean 1.103
RMS 0.354
size [# of strips]

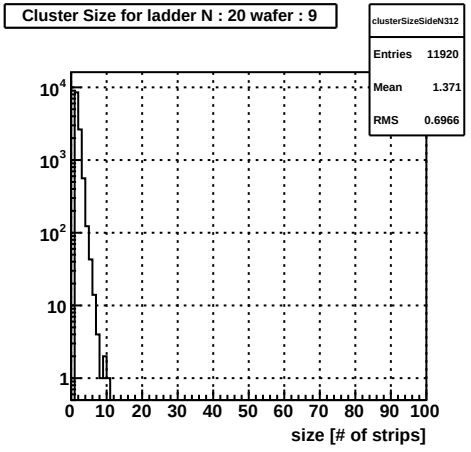

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 44623
Mean 1.157
RMS 0.4467
size [# of strips]

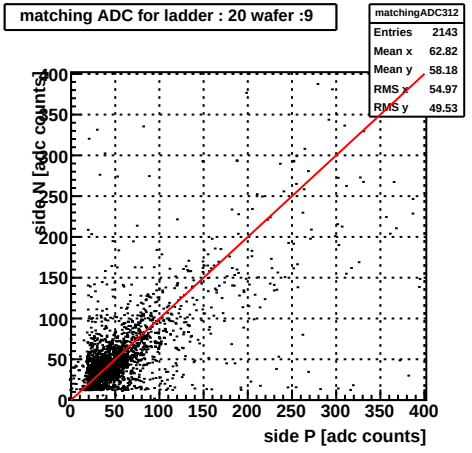

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 4461
Mean x 55.4
Mean y 51.25
RMS x 50.55
RMS y 51.74
side N [adc counts]
side P [adc counts]

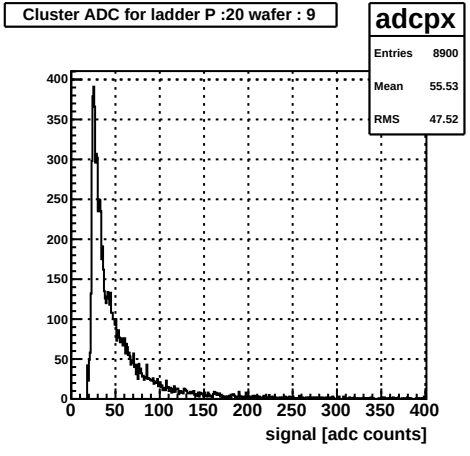

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 22678
Mean 39.95
RMS 37.13
signal [adc counts]

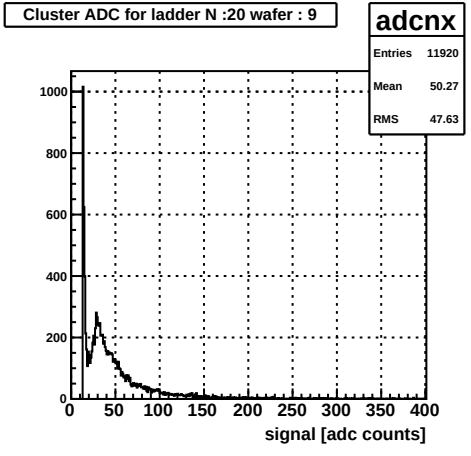

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 44623
Mean 28.71
RMS 34.21
signal [adc counts]

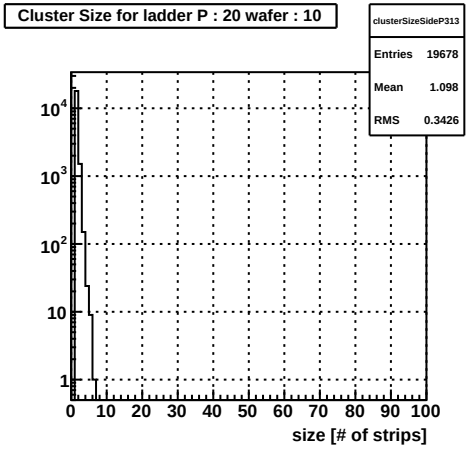

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 8900
Mean 1.17
RMS 0.4857
size [# of strips]

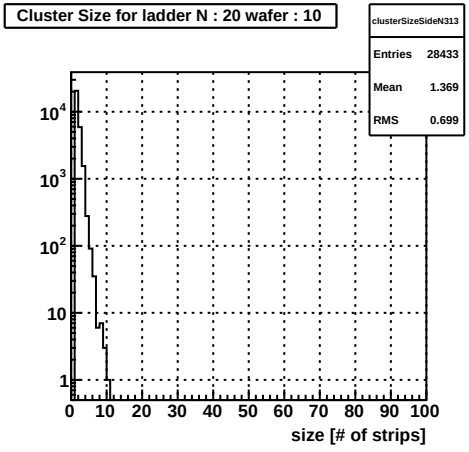

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 11920
Mean 1.371
RMS 0.6966
size [# of strips]

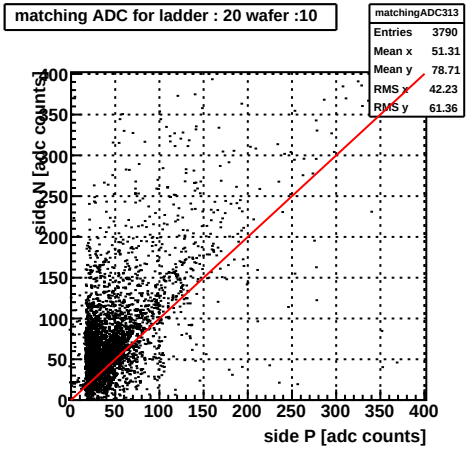

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2143
Mean x 62.82
Mean y 58.18
RMS x 54.97
RMS y 49.53
side N [adc counts]
side P [adc counts]

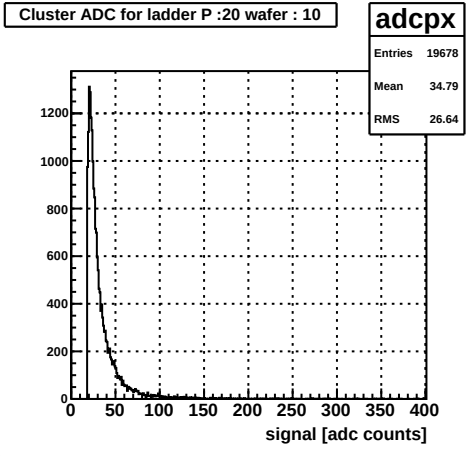

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 8900
Mean 55.53
RMS 47.52
signal [adc counts]

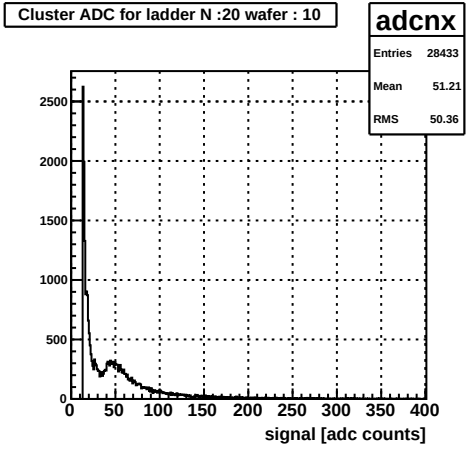

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 11920
Mean 50.27
RMS 47.63
signal [adc counts]

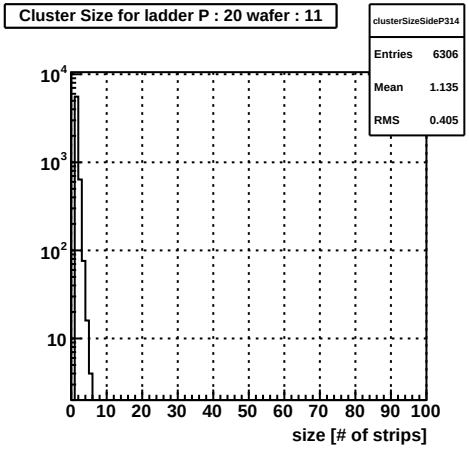

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 19678
Mean 1.098
RMS 0.3426
size [# of strips]

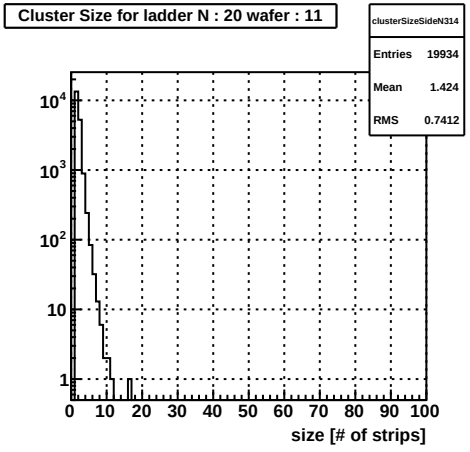

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 28433
Mean 1.369
RMS 0.699
size [# of strips]

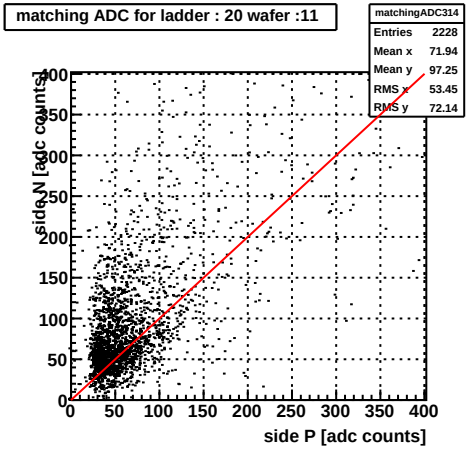

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3790
Mean x 51.31
Mean y 78.71
RMS x 42.23
RMS y 61.36
side N [adc counts]
side P [adc counts]

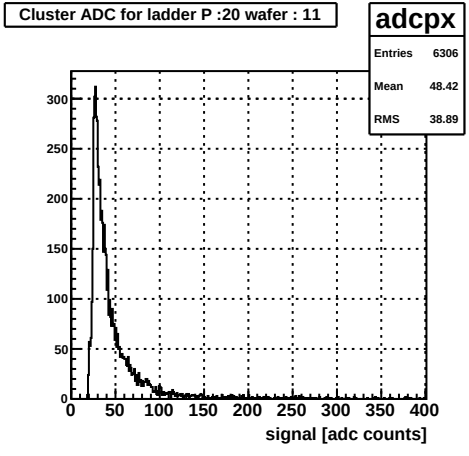

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 19678
Mean 34.79
RMS 26.64
signal [adc counts]

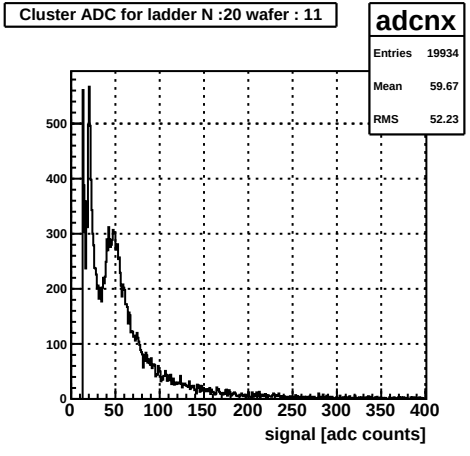

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 28433
Mean 51.21
RMS 50.36
signal [adc counts]

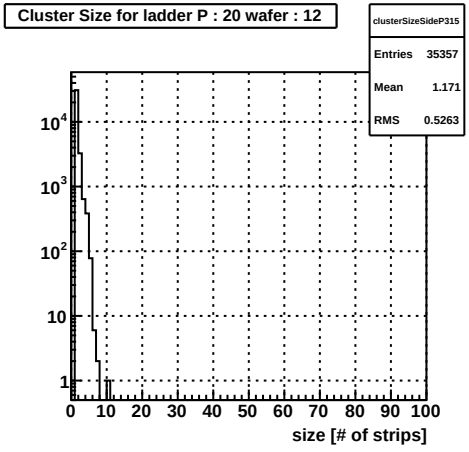

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 6306
Mean 1.135
RMS 0.405
size [# of strips]

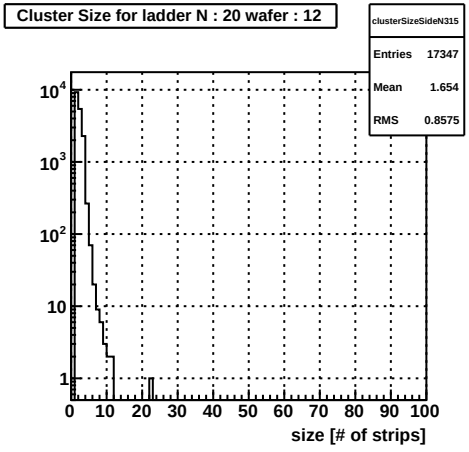

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 19934
Mean 1.424
RMS 0.7412
size [# of strips]

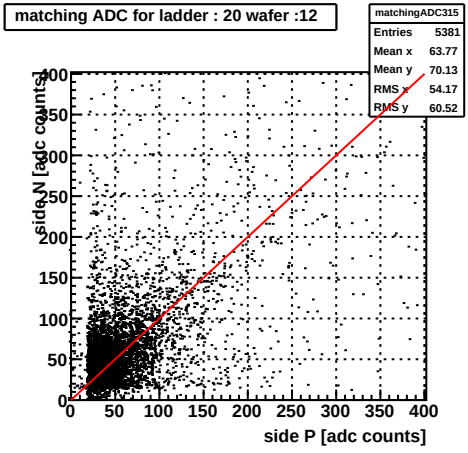

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2228
Mean x 71.94
Mean y 97.25
RMS x 53.45
RMS y 72.14
side N [adc counts]
side P [adc counts]

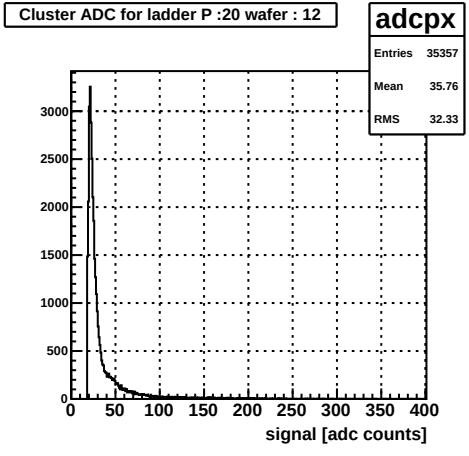

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 6306
Mean 48.42
RMS 38.89
signal [adc counts]

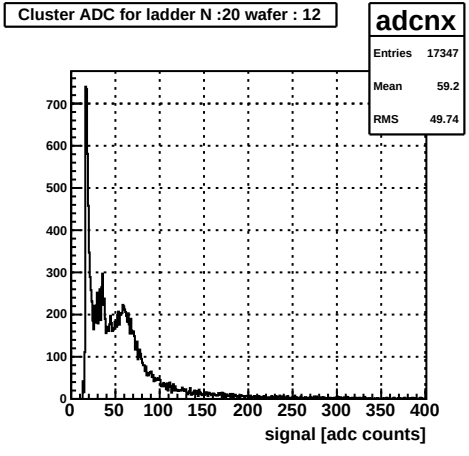

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 19934
Mean 59.67
RMS 52.23
signal [adc counts]

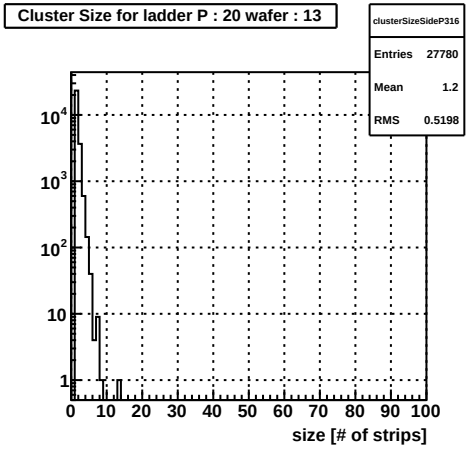

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 35357
Mean 1.171
RMS 0.5263
size [# of strips]

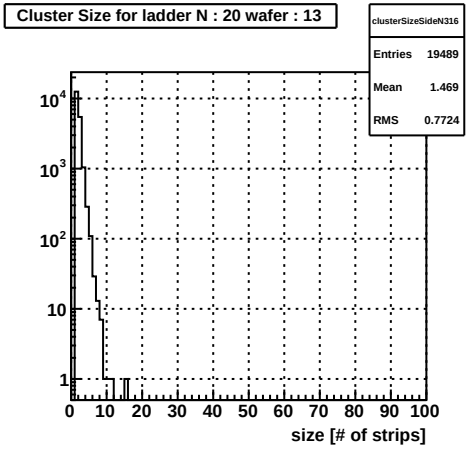

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 17347
Mean 1.654
RMS 0.8575
size [# of strips]

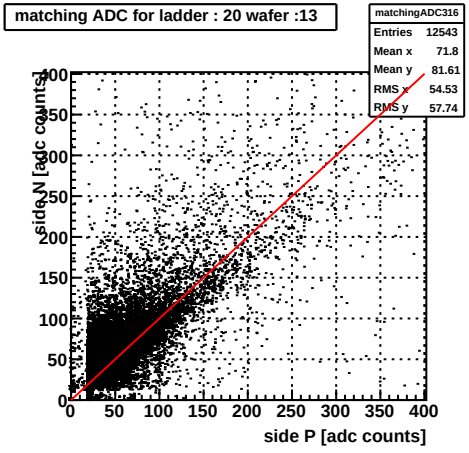

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 5381
Mean x 63.77
Mean y 70.13
RMS x 54.17
RMS y 60.52
side N [adc counts]
side P [adc counts]

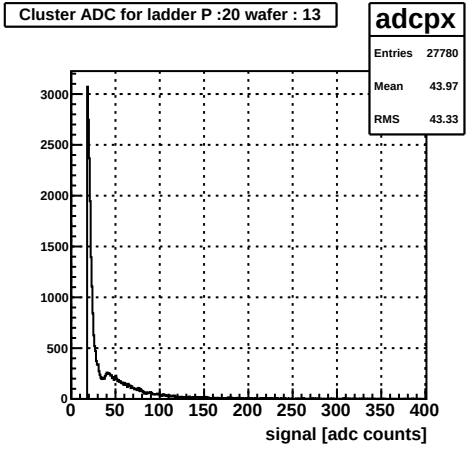

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 35357
Mean 35.76
RMS 32.33
signal [adc counts]

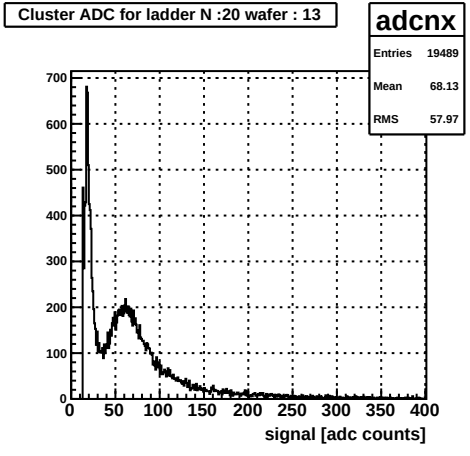

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 17347
Mean 59.2
RMS 49.74
signal [adc counts]

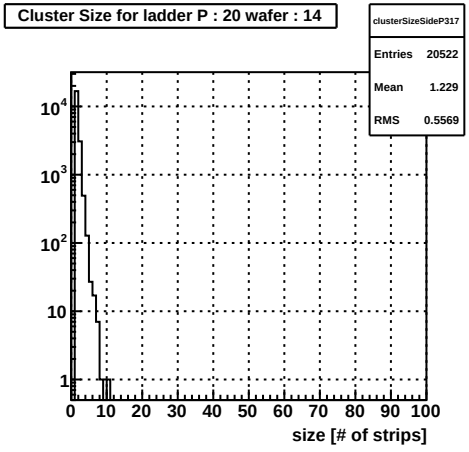

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 27780
Mean 1.2
RMS 0.5198
size [# of strips]

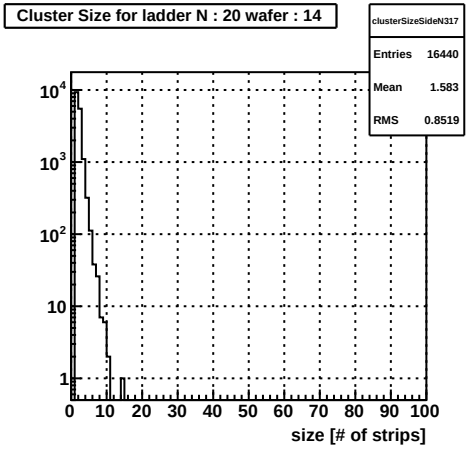

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 19489
Mean 1.469
RMS 0.7724
size [# of strips]

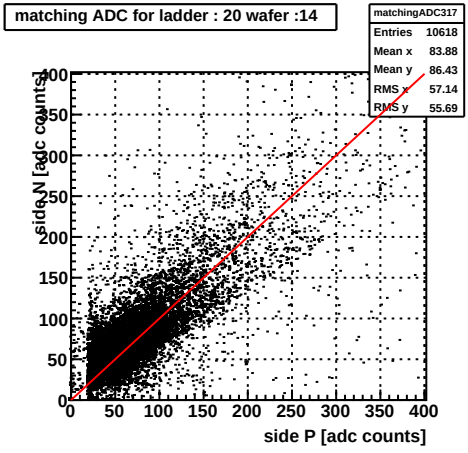

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12543
Mean x 71.8
Mean y 81.61
RMS x 54.53
RMS y 57.74
side N [adc counts]
side P [adc counts]

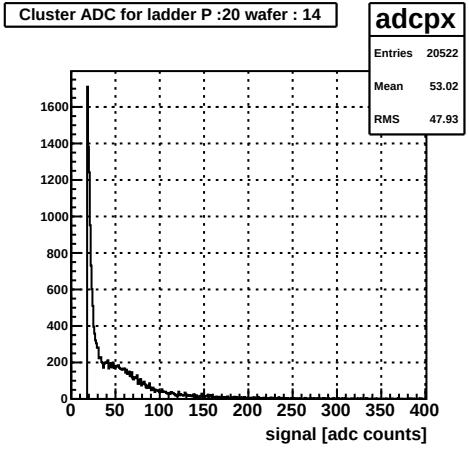

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 27780
Mean 43.97
RMS 43.33
signal [adc counts]

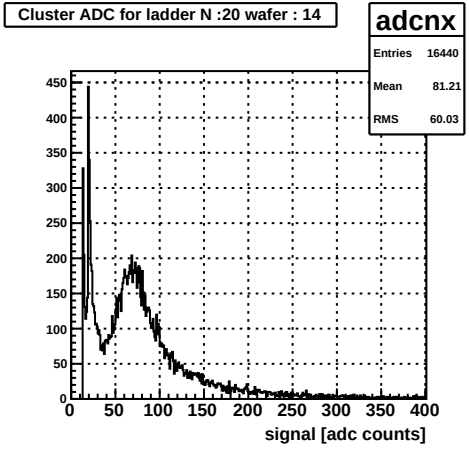

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 19489
Mean 68.13
RMS 57.97
signal [adc counts]

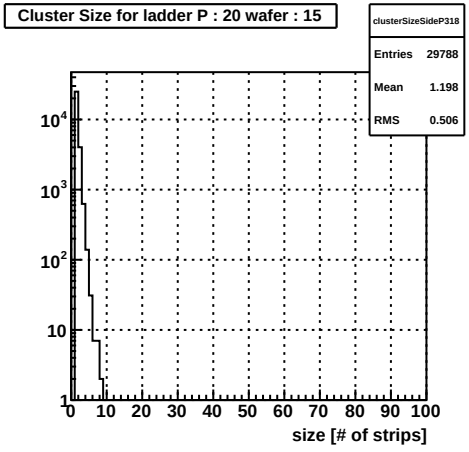

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 20522
Mean 1.229
RMS 0.5569
size [# of strips]

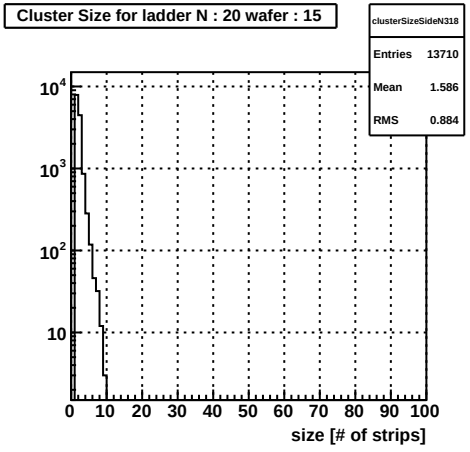

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 16440
Mean 1.583
RMS 0.8519
size [# of strips]

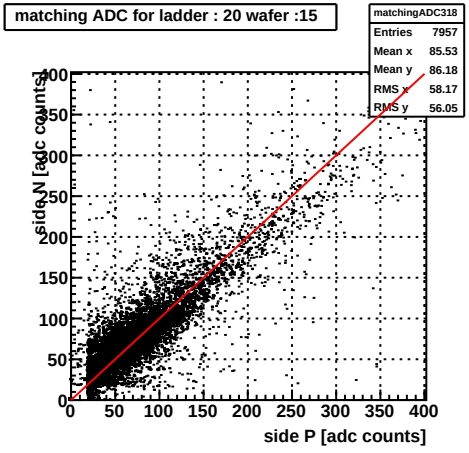

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10618
Mean x 83.88
Mean y 86.43
RMS x 57.14
RMS y 55.69
side N [adc counts]
side P [adc counts]

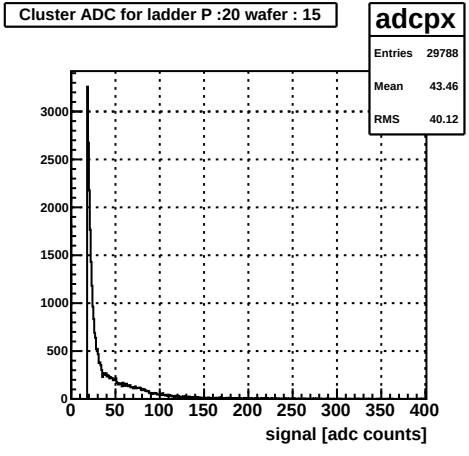

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 20522
Mean 53.02
RMS 47.93
signal [adc counts]

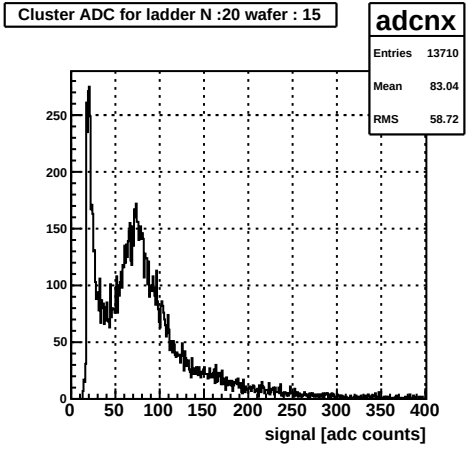

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 16440
Mean 81.21
RMS 60.03
signal [adc counts]

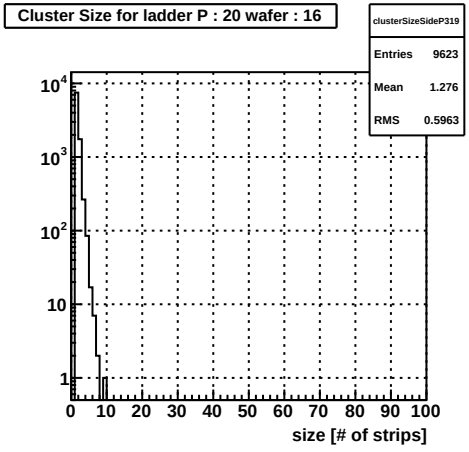

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 29788
Mean 1.198
RMS 0.506
size [# of strips]

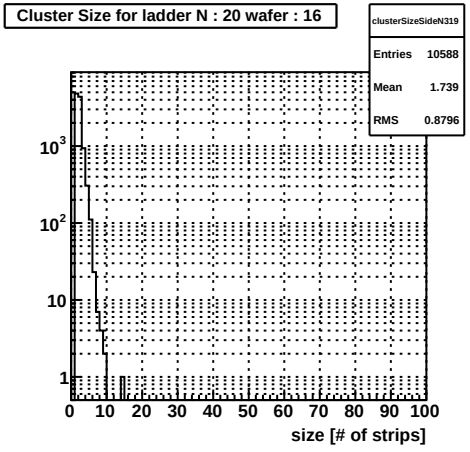

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 13710
Mean 1.586
RMS 0.884
size [# of strips]

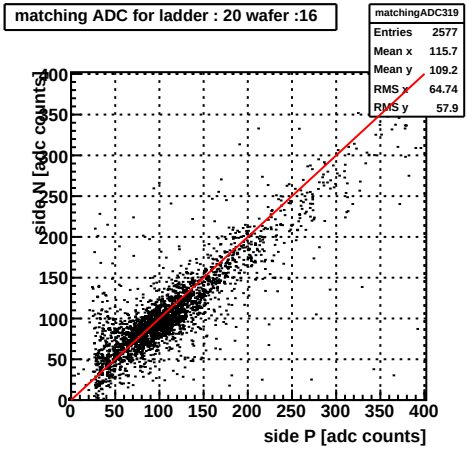

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7957
Mean x 85.53
Mean y 86.18
RMS x 58.17
RMS y 56.05
side N [adc counts]
side P [adc counts]

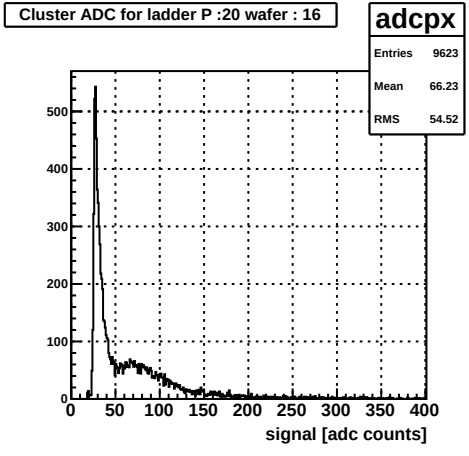

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 29788
Mean 43.46
RMS 40.12
signal [adc counts]

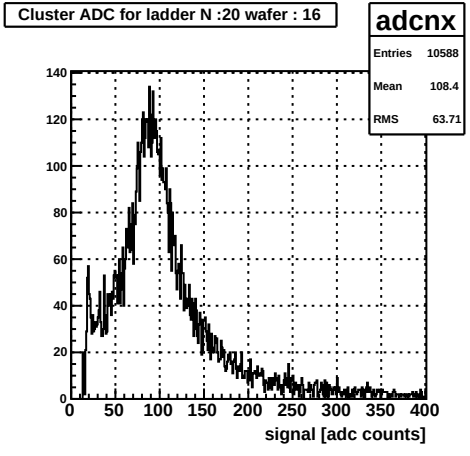

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 13710
Mean 83.04
RMS 58.72
signal [adc counts]

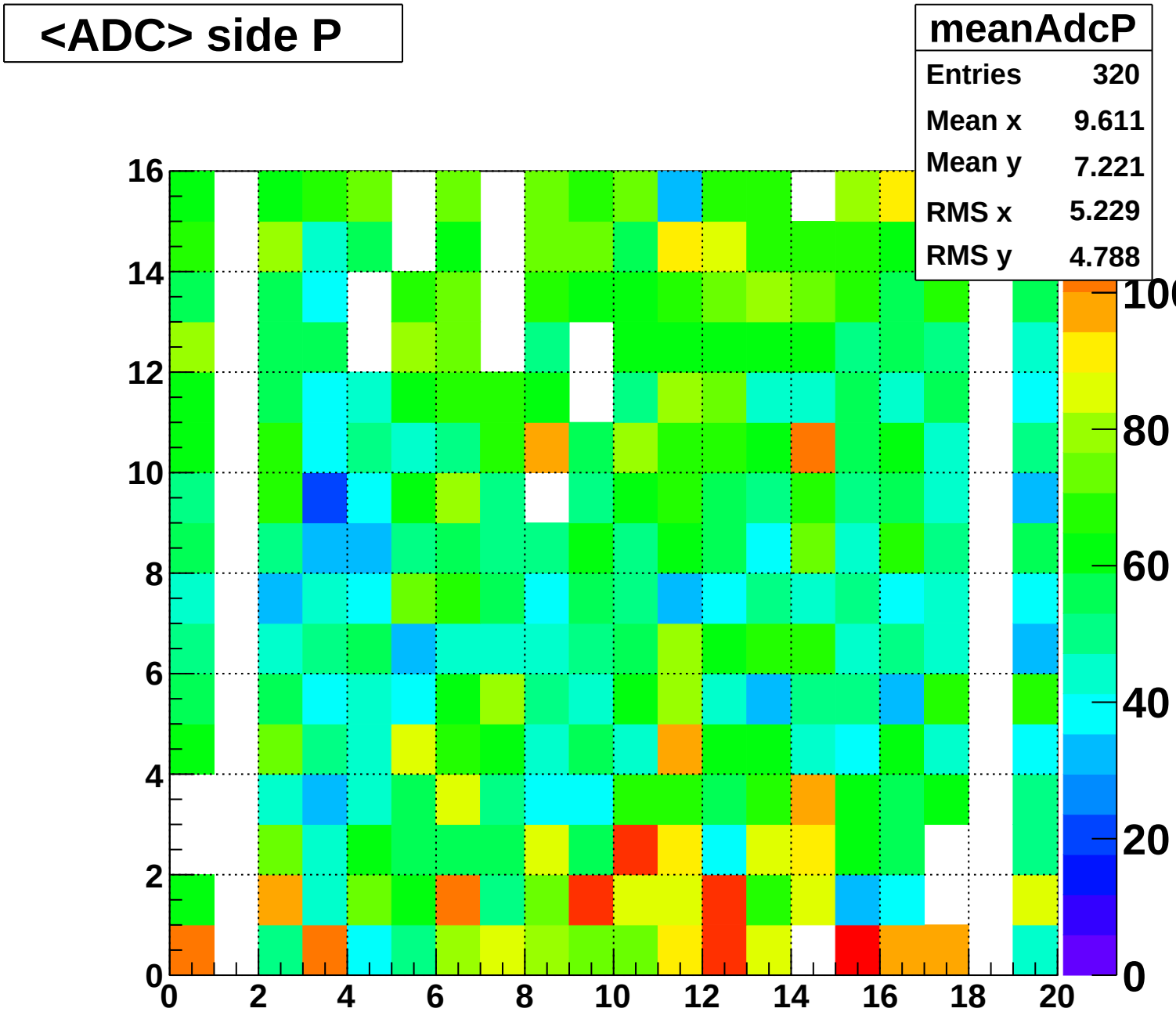

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9623
Mean 1.276
RMS 0.5963
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 10588
Mean 1.739
RMS 0.8796
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2577
Mean x 115.7
Mean y 109.2
RMS x 64.74
RMS y 57.9
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9623
Mean 66.23
RMS 54.52
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 10588
Mean 108.4
RMS 63.71
signal [adc counts]



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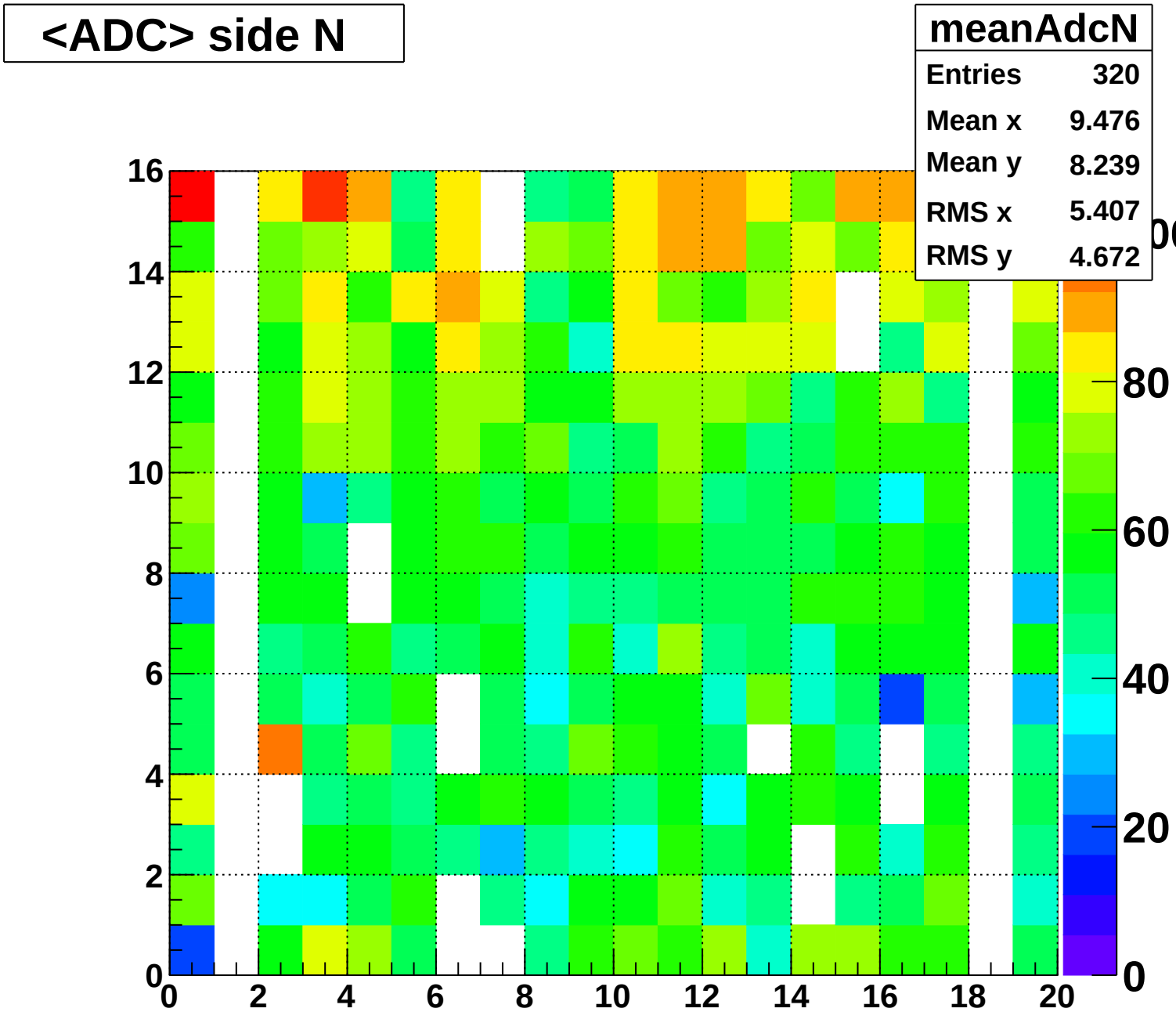

2016-06-23 20:40:01