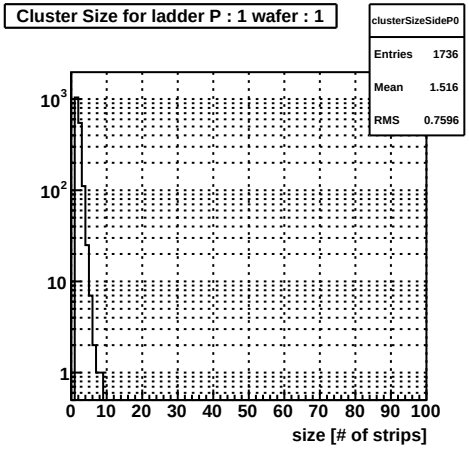
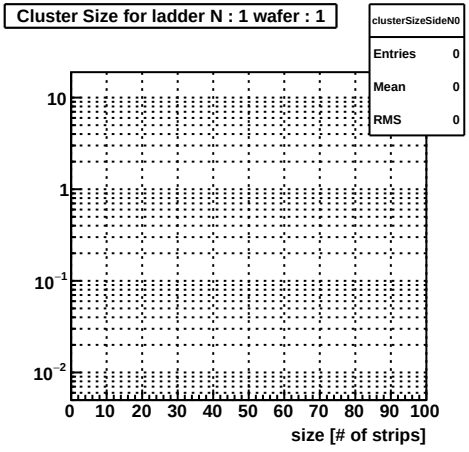
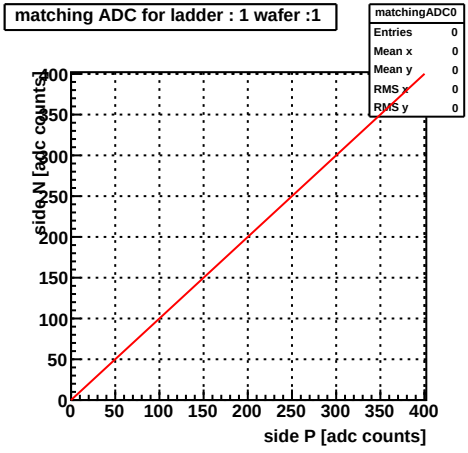
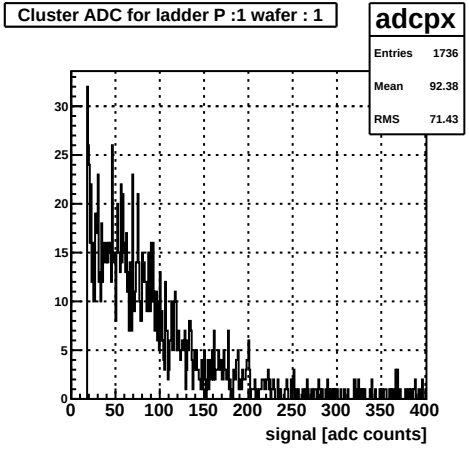
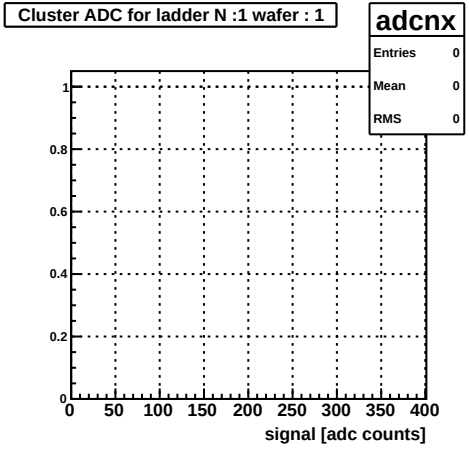
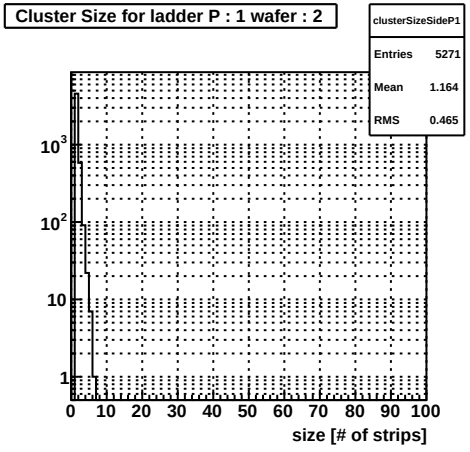

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1736
Mean 1.516
RMS 0.7596
size [# of strips]

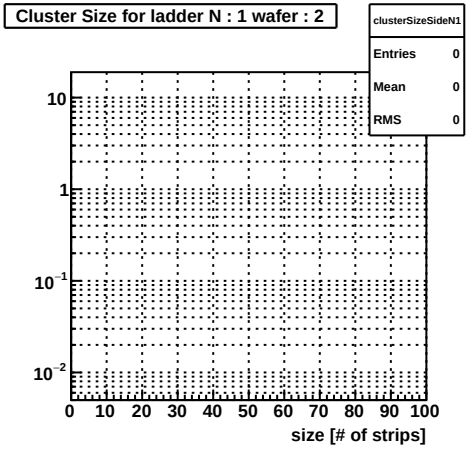

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

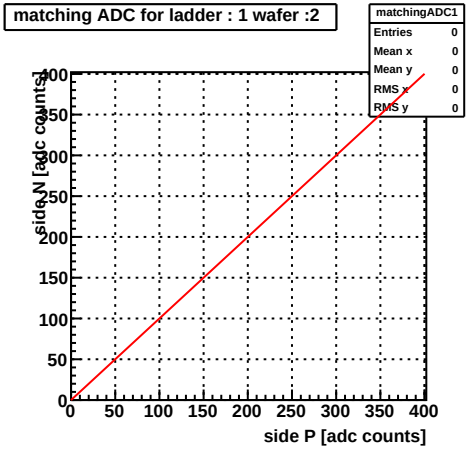

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

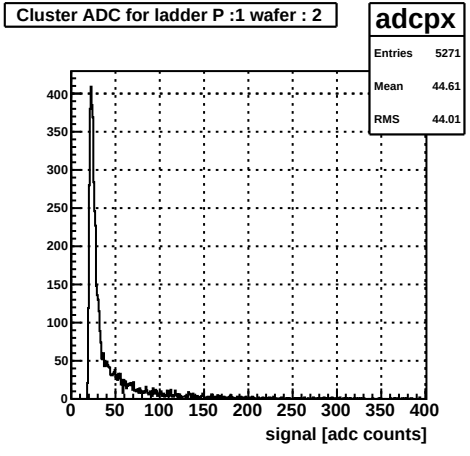

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1736
Mean 92.38
RMS 71.43
signal [adc counts]

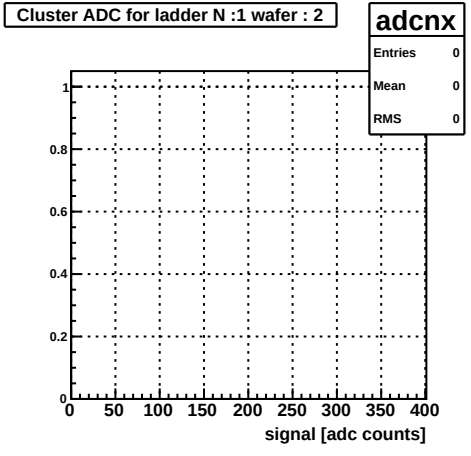

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

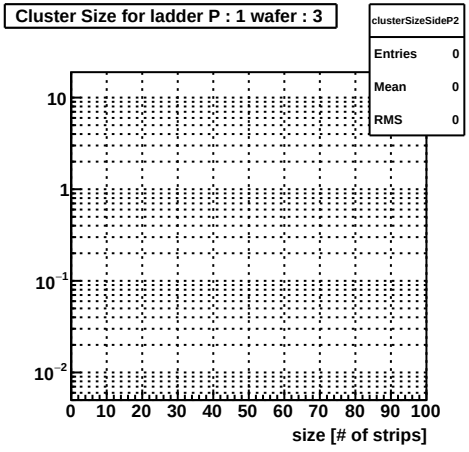

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5271
Mean 1.164
RMS 0.465
size [# of strips]

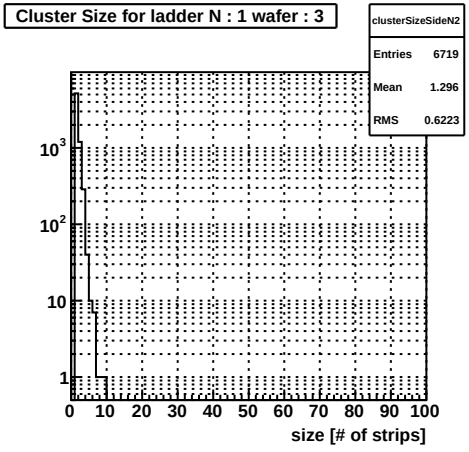

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

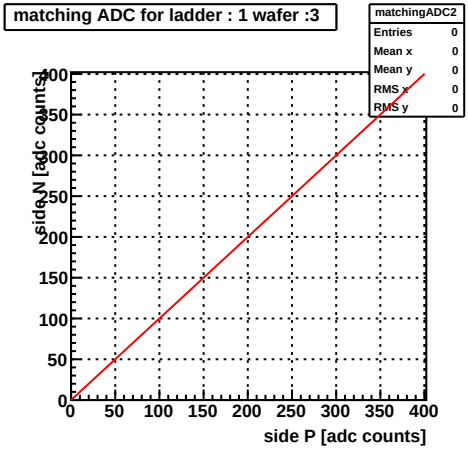

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

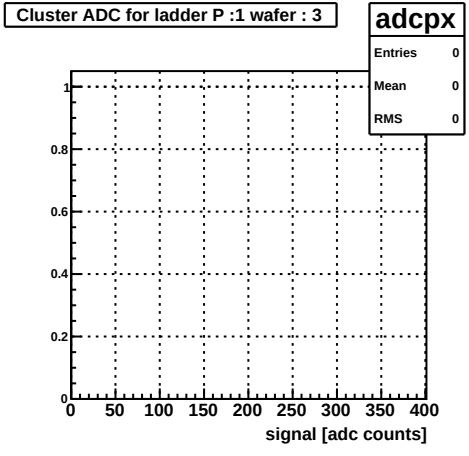

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5271
Mean 44.61
RMS 44.01
signal [adc counts]

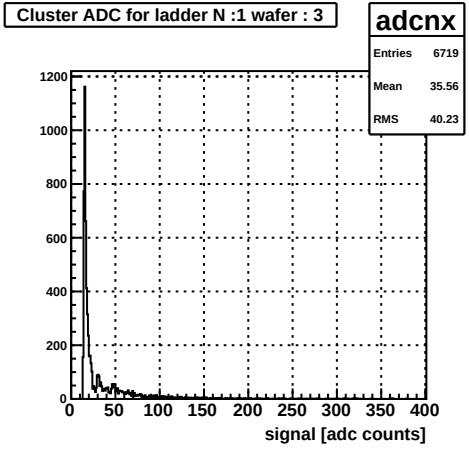

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

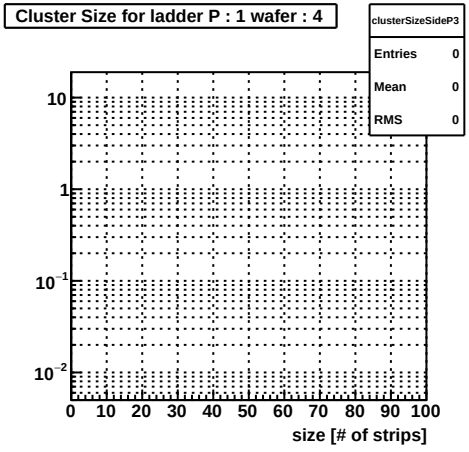

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

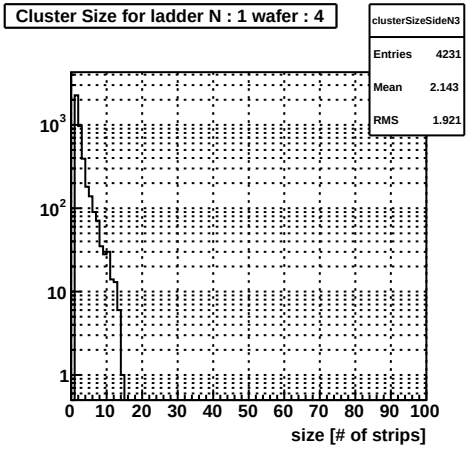

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6719
Mean 1.296
RMS 0.6223
size [# of strips]

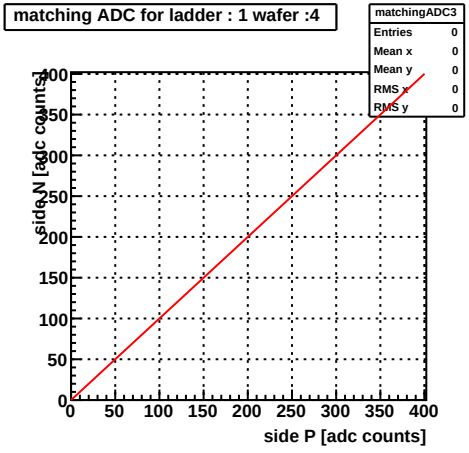

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

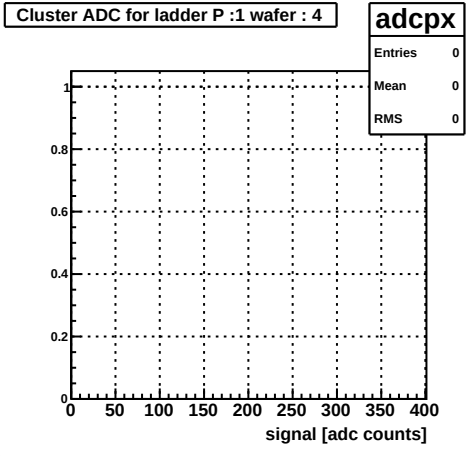

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

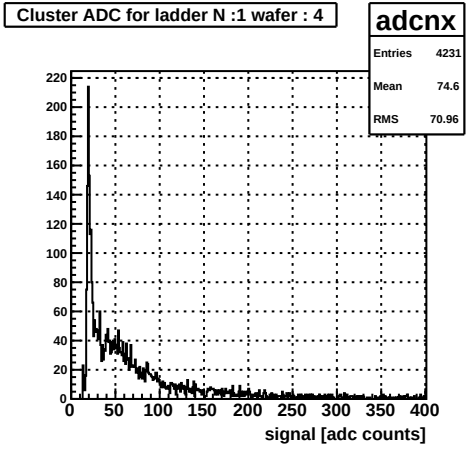

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6719
Mean 35.56
RMS 40.23
signal [adc counts]

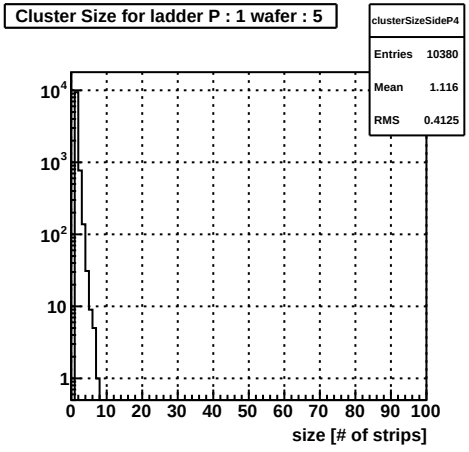

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

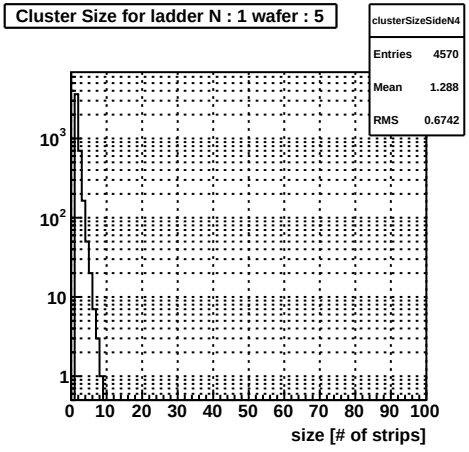

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 4231
Mean 2.143
RMS 1.921
size [# of strips]

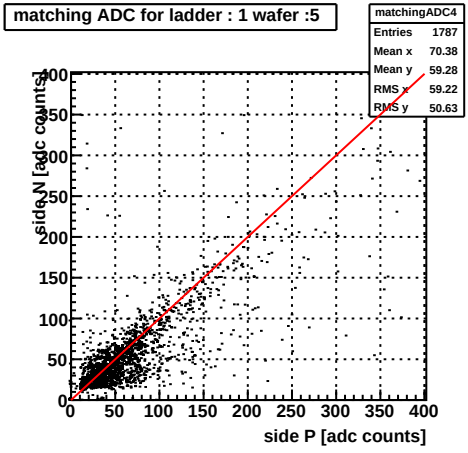

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

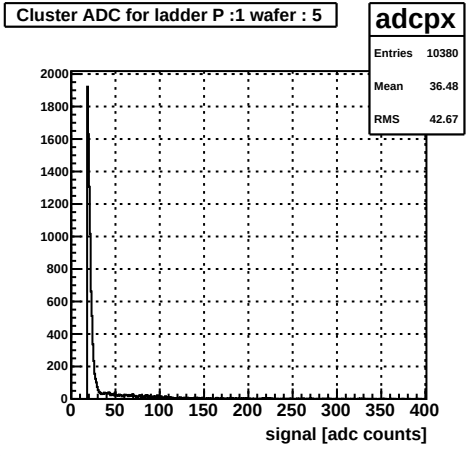

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

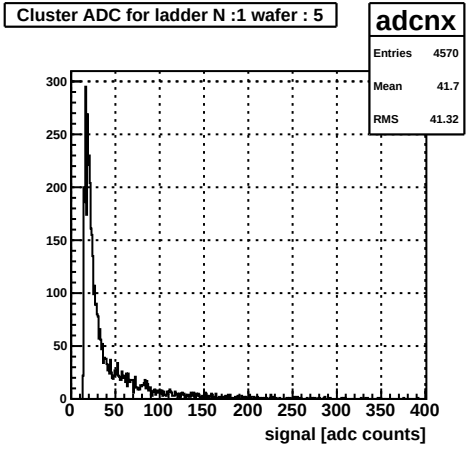

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 4231
Mean 74.6
RMS 70.96
signal [adc counts]

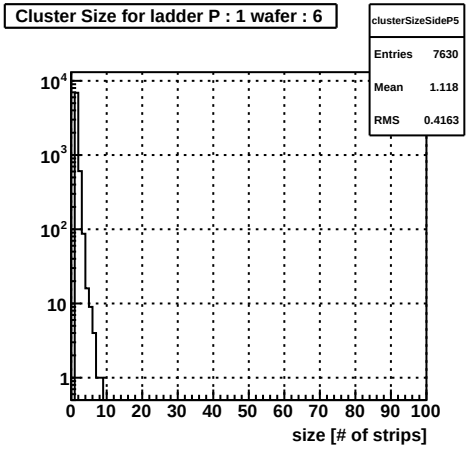

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10380
Mean 1.116
RMS 0.4125
size [# of strips]

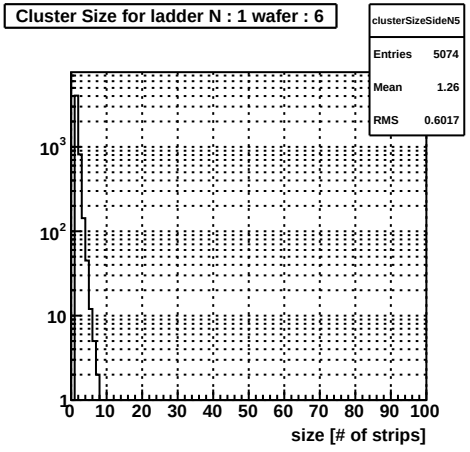

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4570
Mean 1.288
RMS 0.6742
size [# of strips]

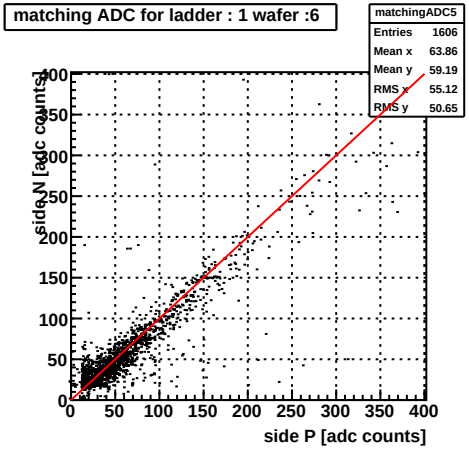

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1787
Mean x 70.38
Mean y 59.28
RMS x 59.22
RMS y 50.63
side N [adc counts]
side P [adc counts]

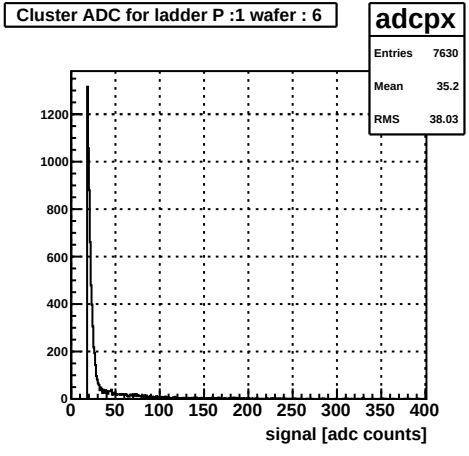

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10380
Mean 36.48
RMS 42.67
signal [adc counts]

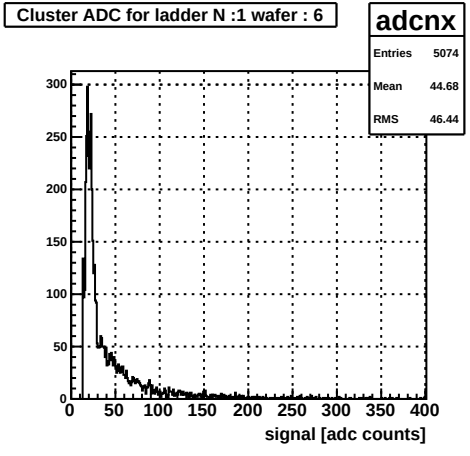

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4570
Mean 41.7
RMS 41.32
signal [adc counts]

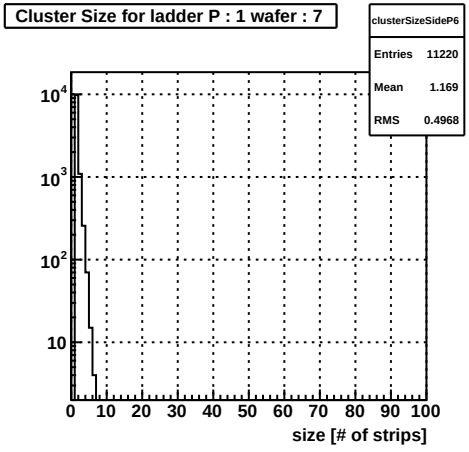

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7630
Mean 1.118
RMS 0.4163
size [# of strips]

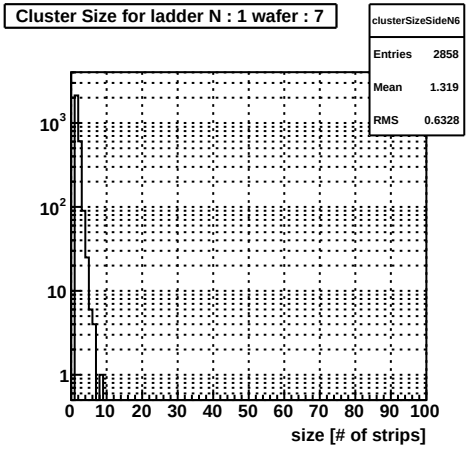

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5074
Mean 1.26
RMS 0.6017
size [# of strips]

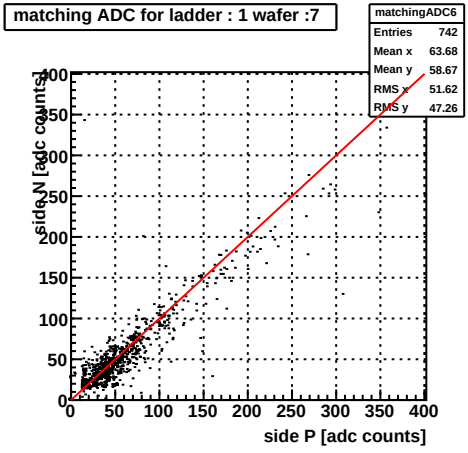

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1606
Mean x 63.86
Mean y 59.19
RMS x 55.12
RMS y 50.65
side N [adc counts]
side P [adc counts]

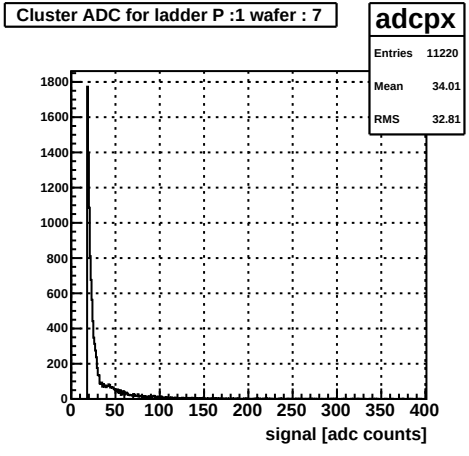

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7630
Mean 35.2
RMS 38.03
signal [adc counts]

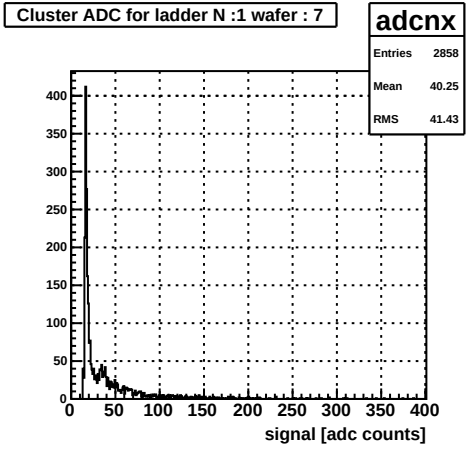

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5074
Mean 44.68
RMS 46.44
signal [adc counts]

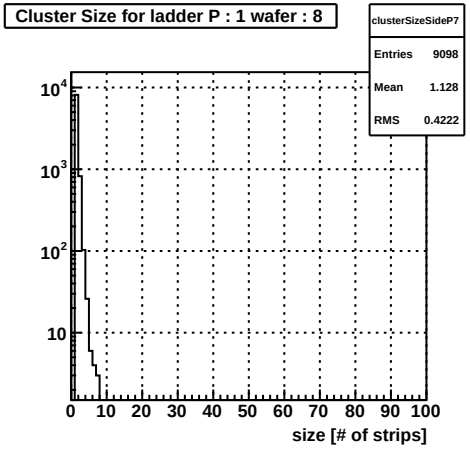

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11220
Mean 1.169
RMS 0.4968
size [# of strips]

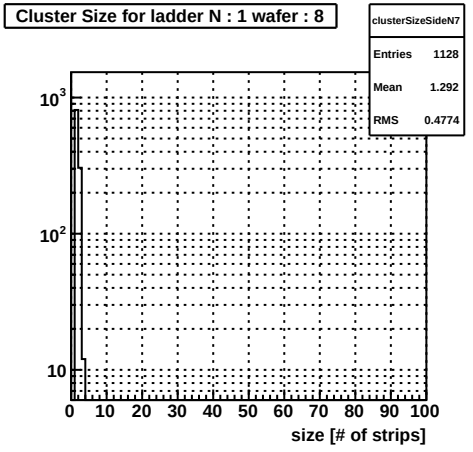

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2858
Mean 1.319
RMS 0.6328
size [# of strips]

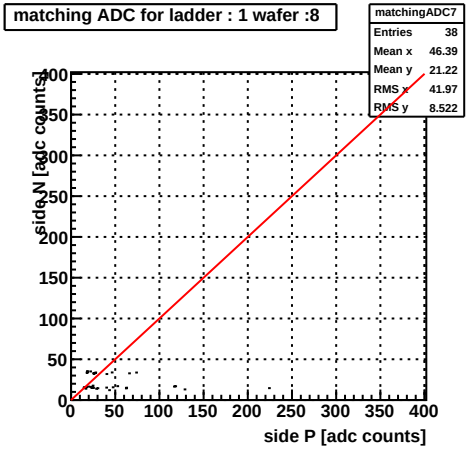

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 742
Mean x 63.68
Mean y 58.67
RMS x 51.62
RMS y 47.26
side N [adc counts]
side P [adc counts]

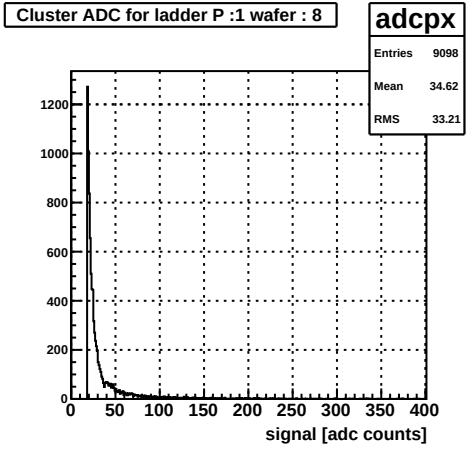

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11220
Mean 34.01
RMS 32.81
signal [adc counts]

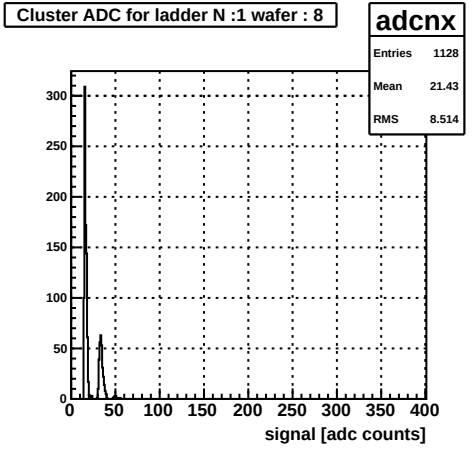

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2858
Mean 40.25
RMS 41.43
signal [adc counts]

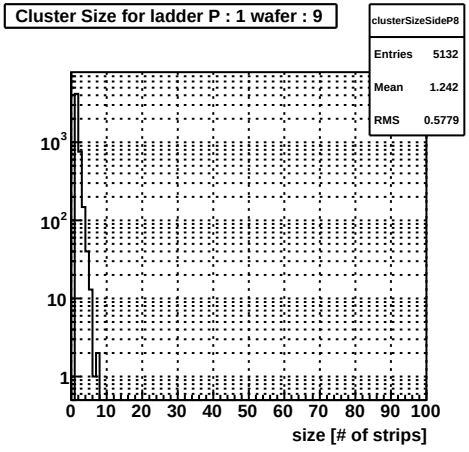

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 9098
Mean 1.128
RMS 0.4222
size [# of strips]

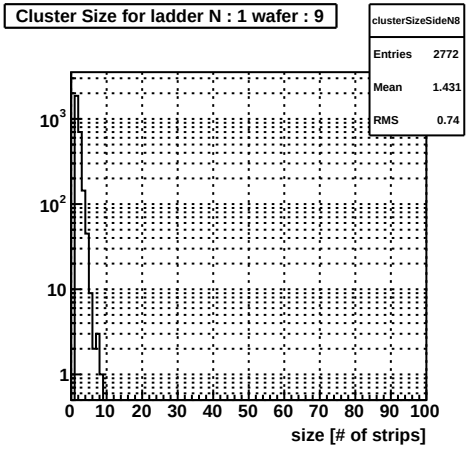

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1128
Mean 1.292
RMS 0.4774
size [# of strips]

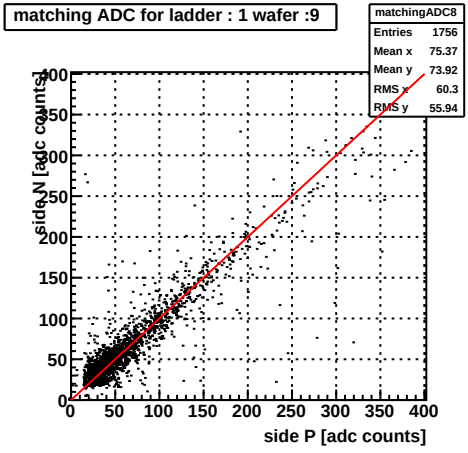

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 38
Mean x 46.39
Mean y 21.22
RMS x 41.97
RMS y 8.522
side N [adc counts]
side P [adc counts]

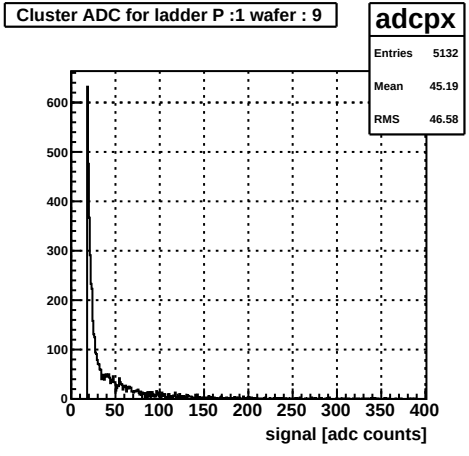

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 9098
Mean 34.62
RMS 33.21
signal [adc counts]

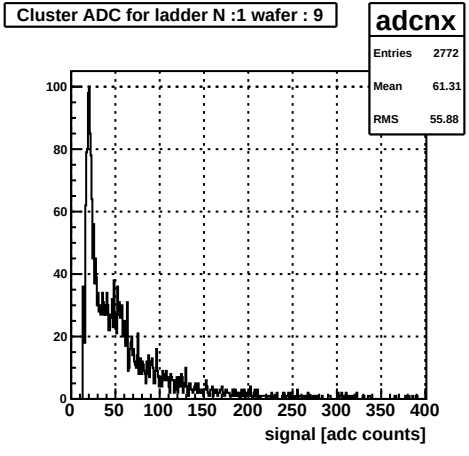

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1128
Mean 21.43
RMS 8.514
signal [adc counts]

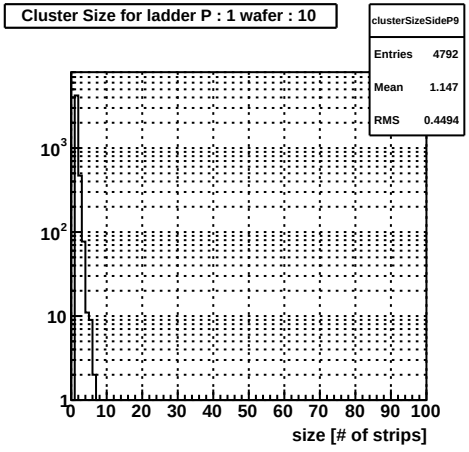

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5132
Mean 1.242
RMS 0.5779
size [# of strips]

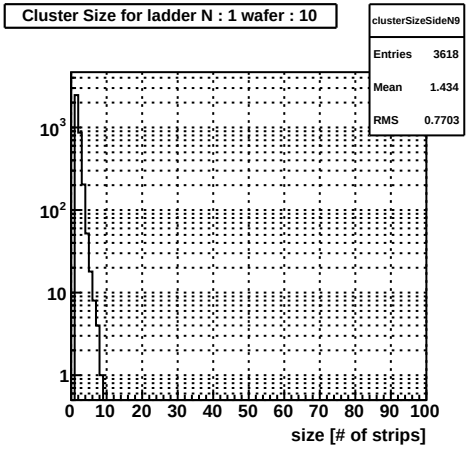

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2772
Mean 1.431
RMS 0.74
size [# of strips]

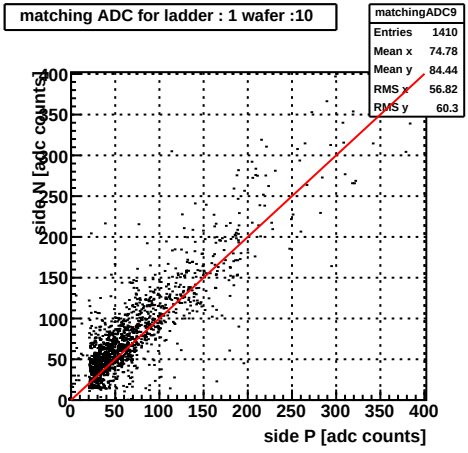

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1756
Mean x 75.37
Mean y 73.92
RMS x 60.3
RMS y 55.94
side N [adc counts]
side P [adc counts]

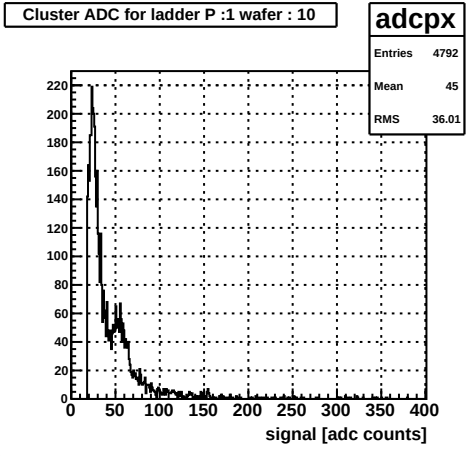

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5132
Mean 45.19
RMS 46.58
signal [adc counts]

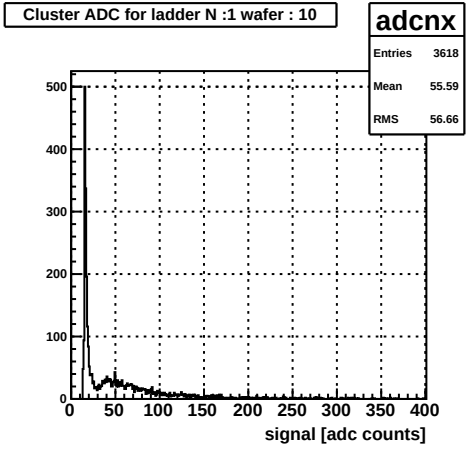

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2772
Mean 61.31
RMS 55.88
signal [adc counts]

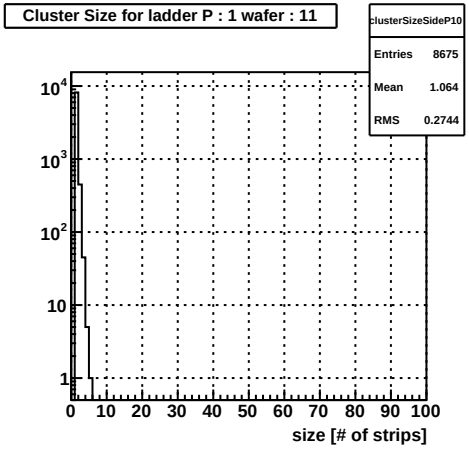

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4792
Mean 1.147
RMS 0.4494
size [# of strips]

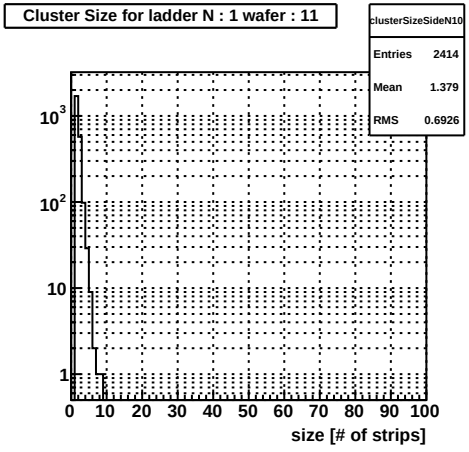

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3618
Mean 1.434
RMS 0.7703
size [# of strips]

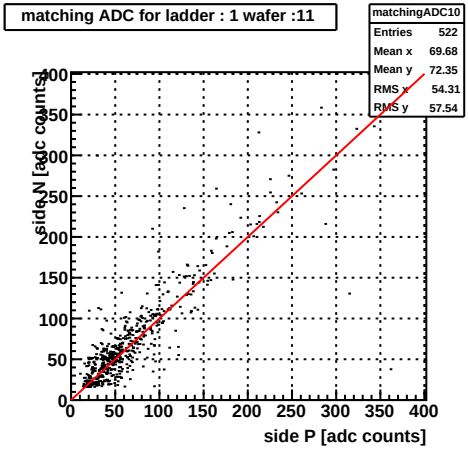

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1410
Mean x 74.78
Mean y 84.44
RMS x 56.82
RMS y 60.3
side N [adc counts]
side P [adc counts]

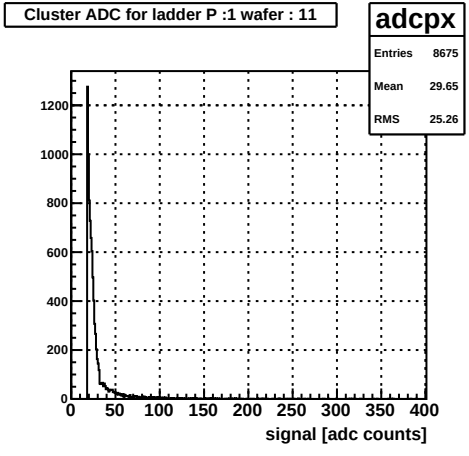

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4792
Mean 45
RMS 36.01
signal [adc counts]

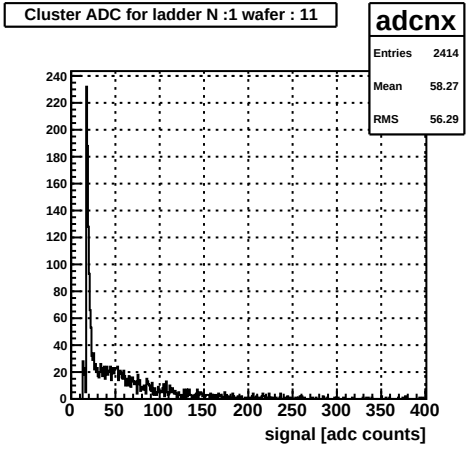

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3618
Mean 55.59
RMS 56.66
signal [adc counts]

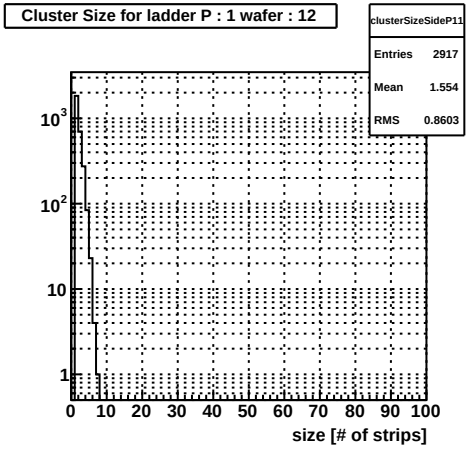

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8675
Mean 1.064
RMS 0.2744
size [# of strips]

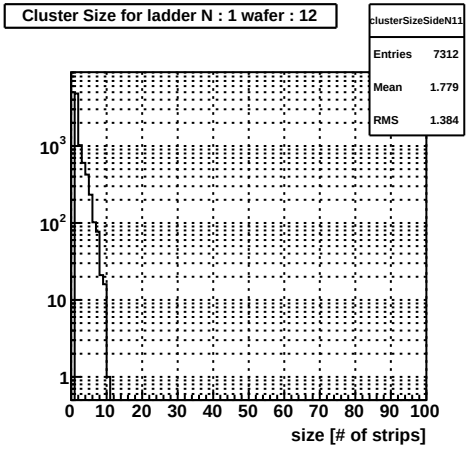

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2414
Mean 1.379
RMS 0.6926
size [# of strips]

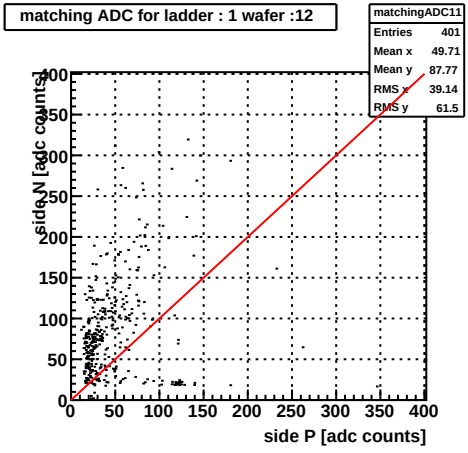

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 522
Mean x 69.68
Mean y 72.35
RMS x 54.31
RMS y 57.54
side N [adc counts]
side P [adc counts]

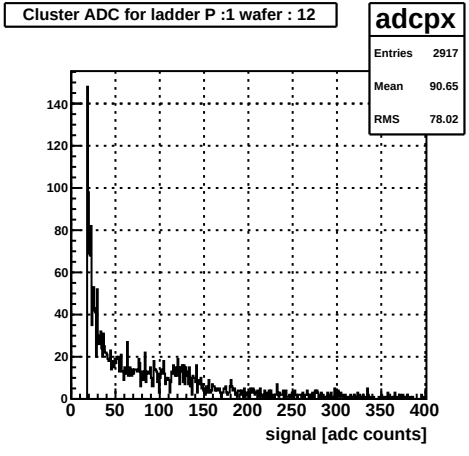

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8675
Mean 29.65
RMS 25.26
signal [adc counts]

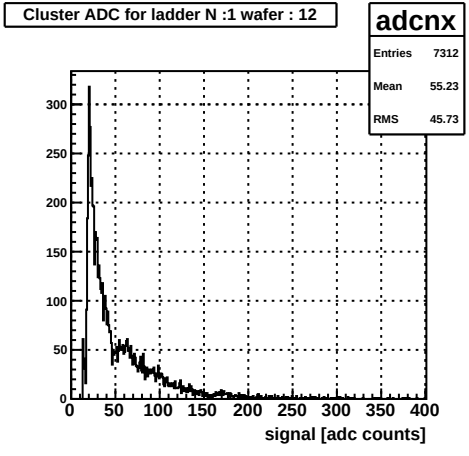

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2414
Mean 58.27
RMS 56.29
signal [adc counts]

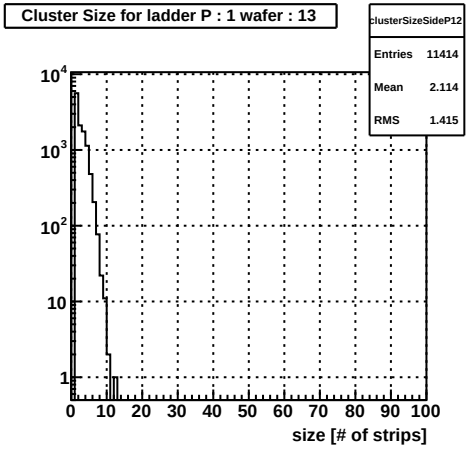

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2917
Mean 1.554
RMS 0.8603
size [# of strips]

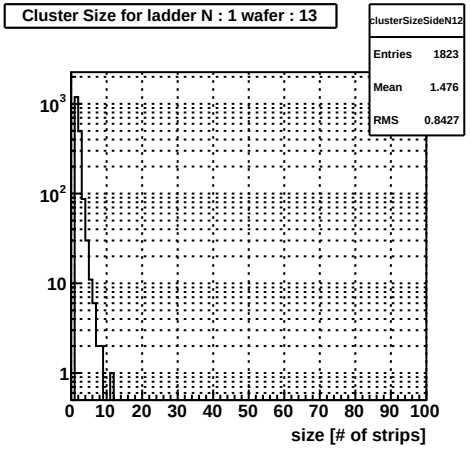

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 7312
Mean 1.779
RMS 1.384
size [# of strips]

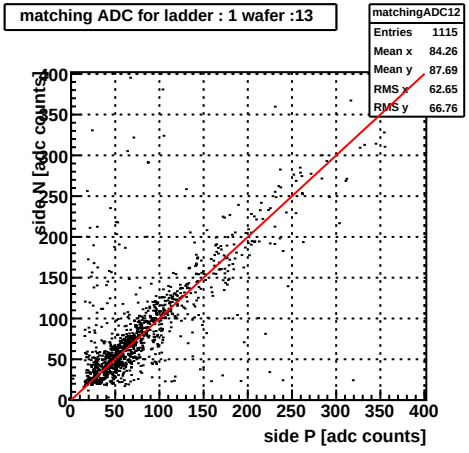

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 401
Mean x 49.71
Mean y 87.77
RMS x 39.14
RMS y 61.5
side N [adc counts]
side P [adc counts]

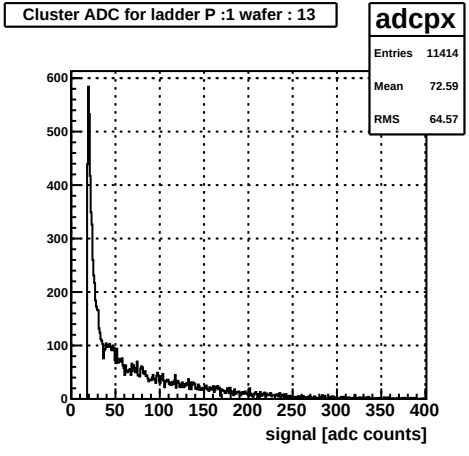

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2917
Mean 90.65
RMS 78.02
signal [adc counts]

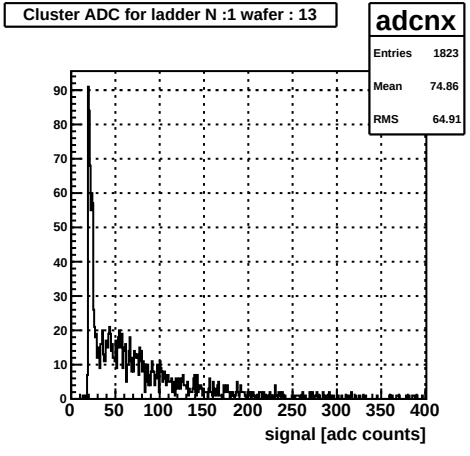

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 7312
Mean 55.23
RMS 45.73
signal [adc counts]

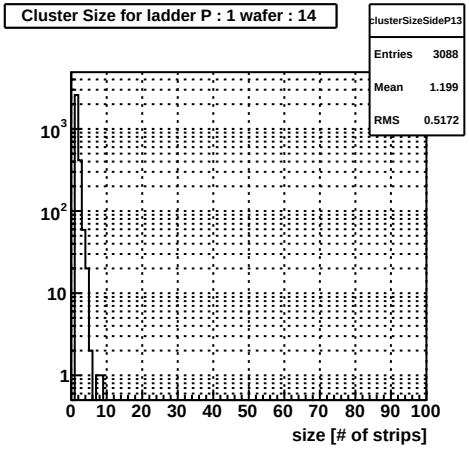

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11414
Mean 2.114
RMS 1.415
size [# of strips]

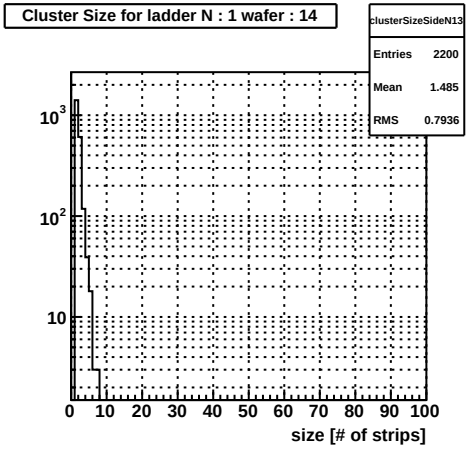

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1823
Mean 1.476
RMS 0.8427
size [# of strips]

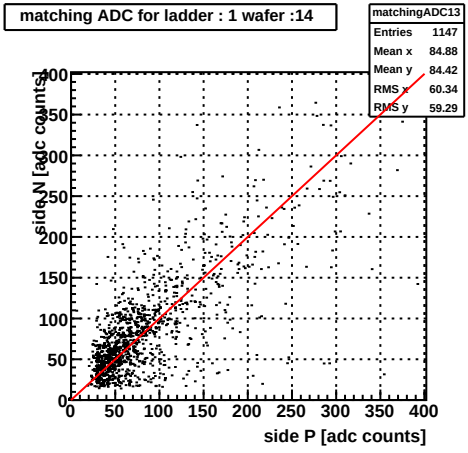

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1115
Mean x 84.26
Mean y 87.69
RMS x 62.65
RMS y 66.76
side N [adc counts]
side P [adc counts]

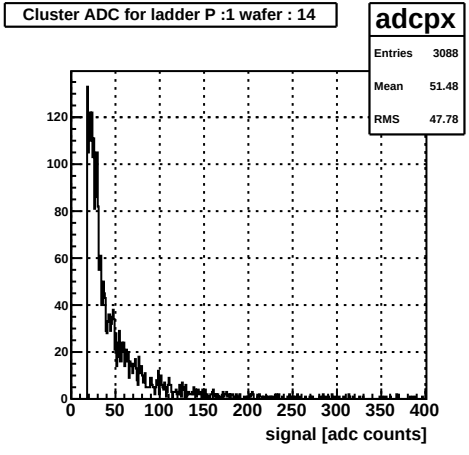

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11414
Mean 72.59
RMS 64.57
signal [adc counts]

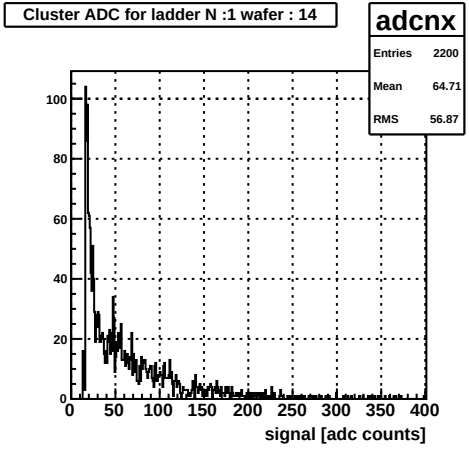

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1823
Mean 74.86
RMS 64.91
signal [adc counts]

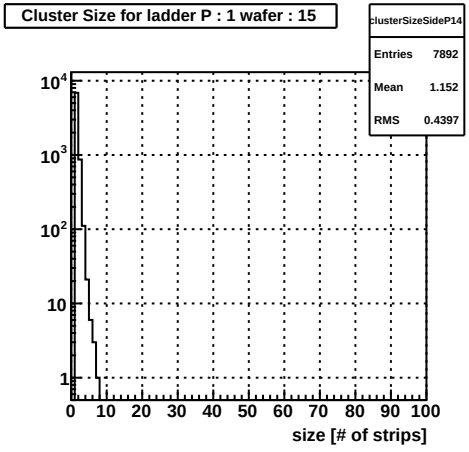

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3088
Mean 1.199
RMS 0.5172
size [# of strips]

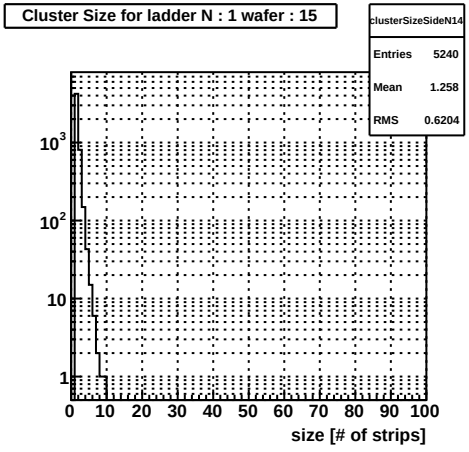

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2200
Mean 1.485
RMS 0.7936
size [# of strips]

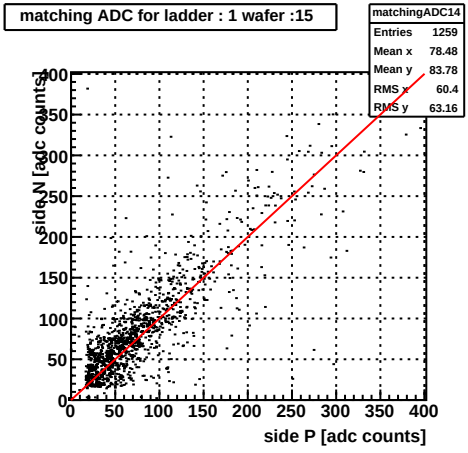

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1147
Mean x 84.88
Mean y 84.42
RMS x 60.34
RMS y 59.29
side N [adc counts]
side P [adc counts]

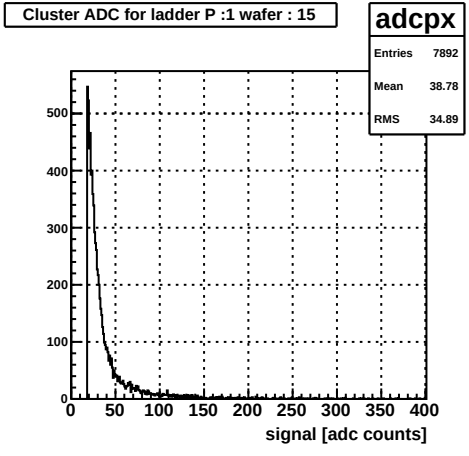

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3088
Mean 51.48
RMS 47.78
signal [adc counts]

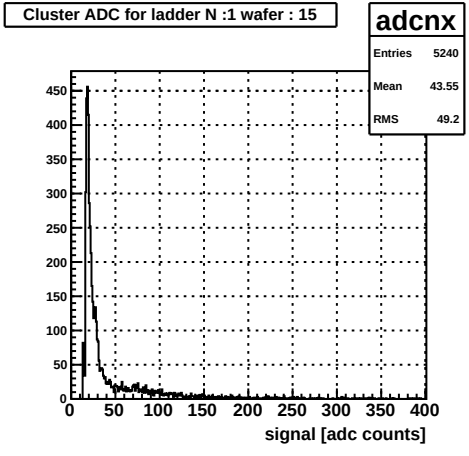

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2200
Mean 64.71
RMS 56.87
signal [adc counts]

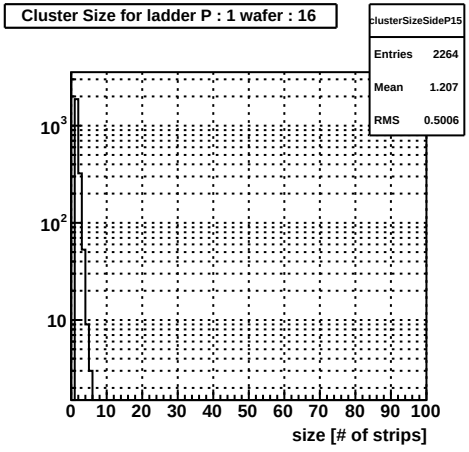

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7892
Mean 1.152
RMS 0.4397
size [# of strips]

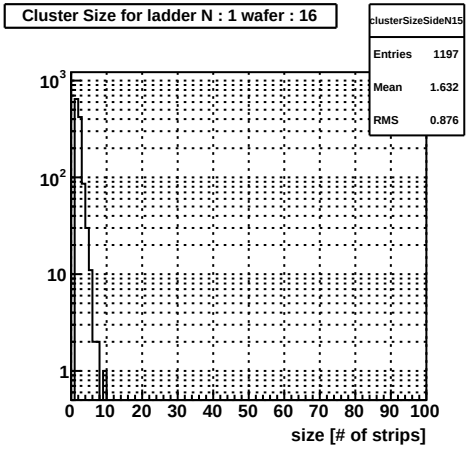

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5240
Mean 1.258
RMS 0.6204
size [# of strips]

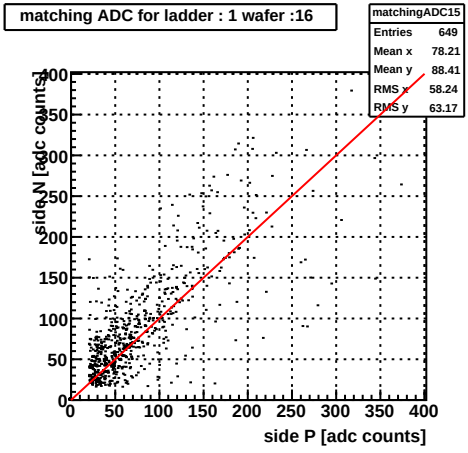

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1259
Mean x 78.48
Mean y 83.78
RMS x 60.4
RMS y 63.16
side N [adc counts]
side P [adc counts]

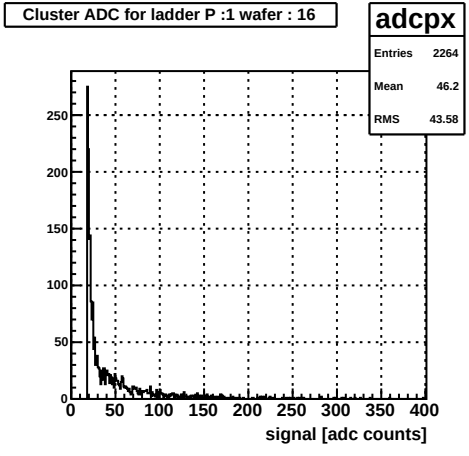

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7892
Mean 38.78
RMS 34.89
signal [adc counts]

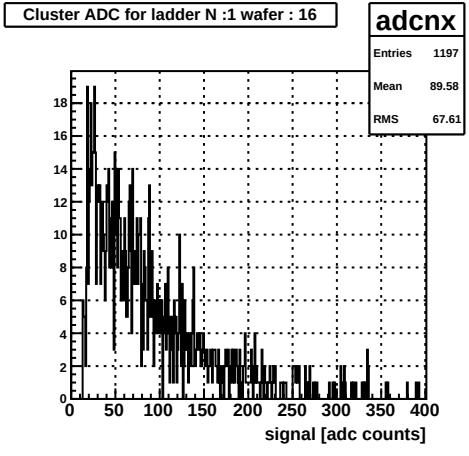

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5240
Mean 43.55
RMS 49.2
signal [adc counts]

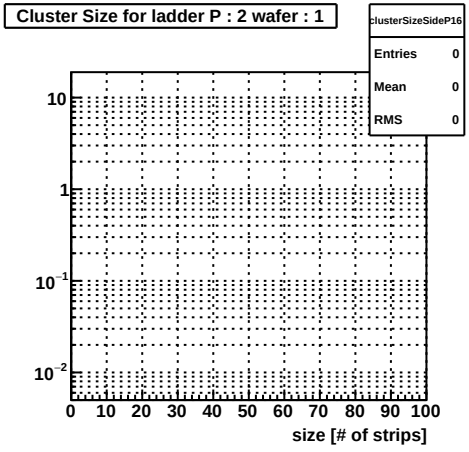

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2264
Mean 1.207
RMS 0.5006
size [# of strips]

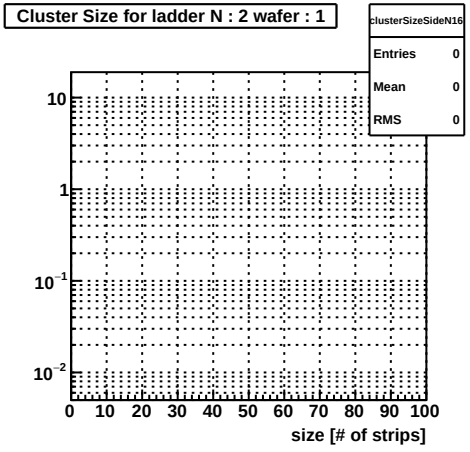

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1197
Mean 1.632
RMS 0.876
size [# of strips]

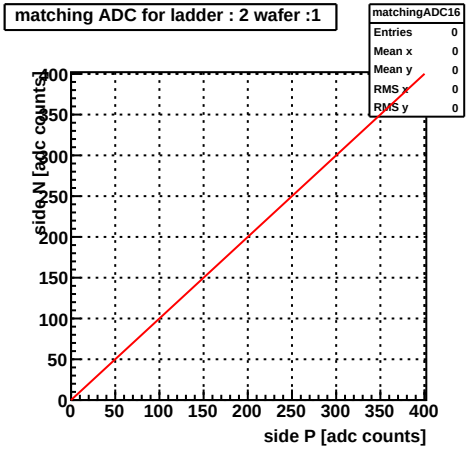

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 649
Mean x 78.21
Mean y 88.41
RMS x 58.24
RMS y 63.17
side N [adc counts]
side P [adc counts]

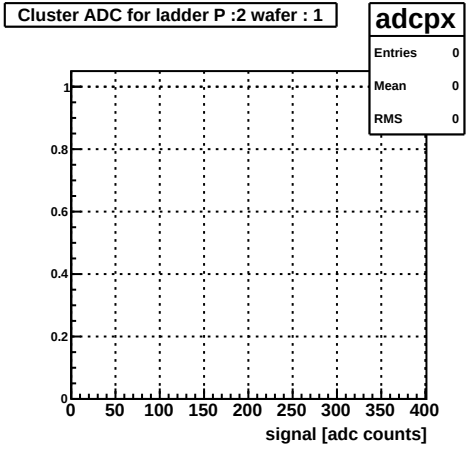

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2264
Mean 46.2
RMS 43.58
signal [adc counts]

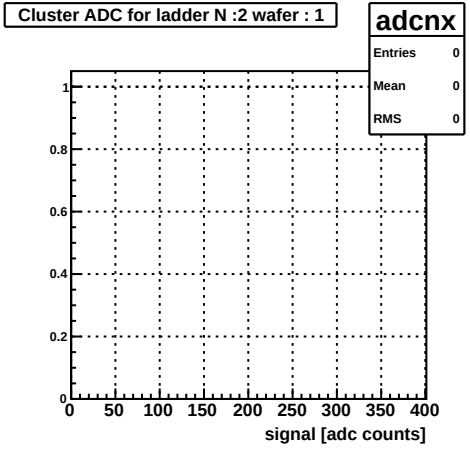

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1197
Mean 89.58
RMS 67.61
signal [adc counts]

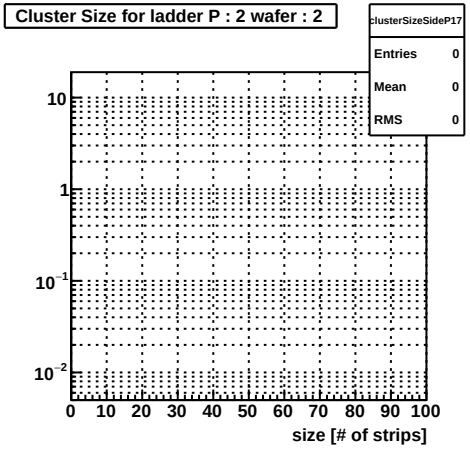

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

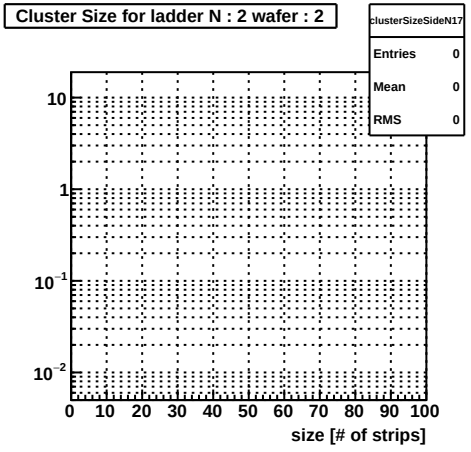

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

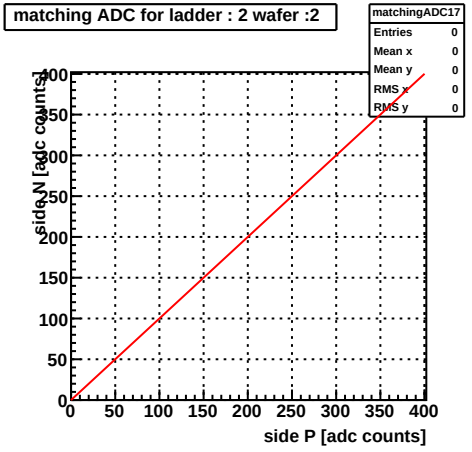

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

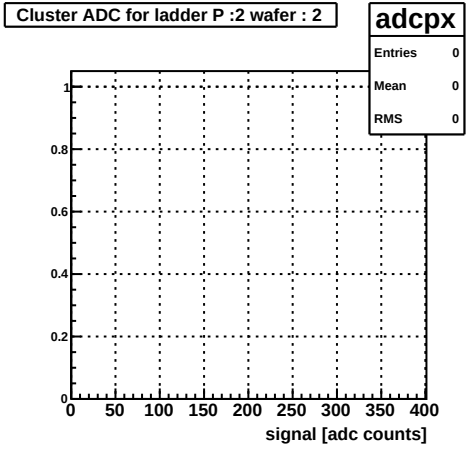

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

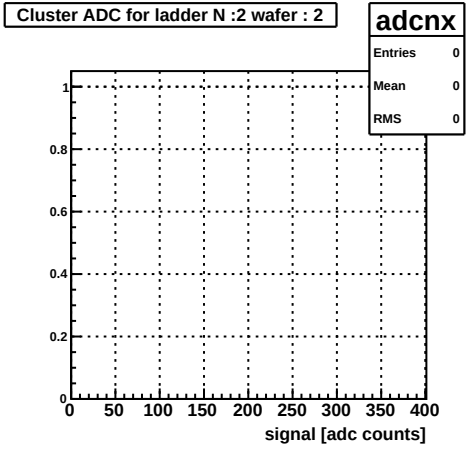

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

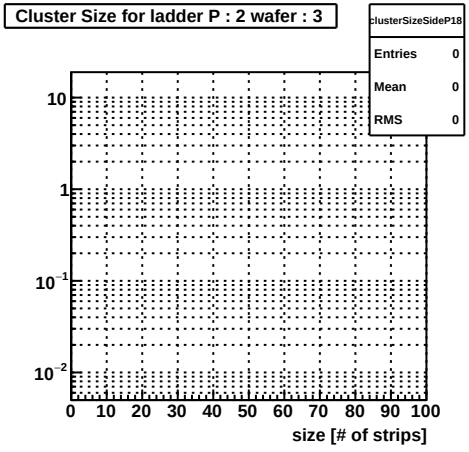

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

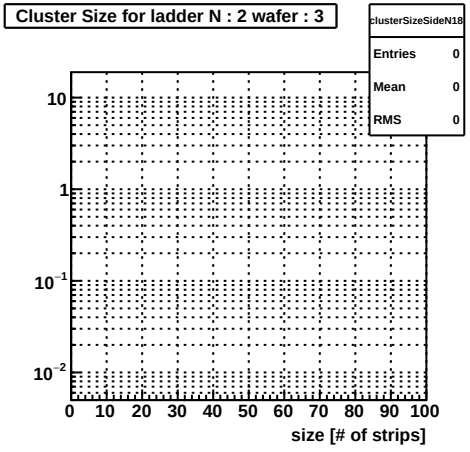

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

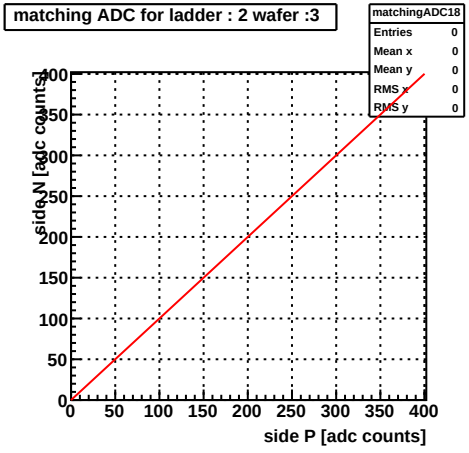

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

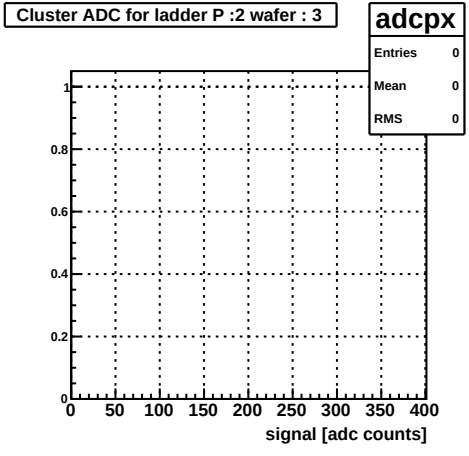

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

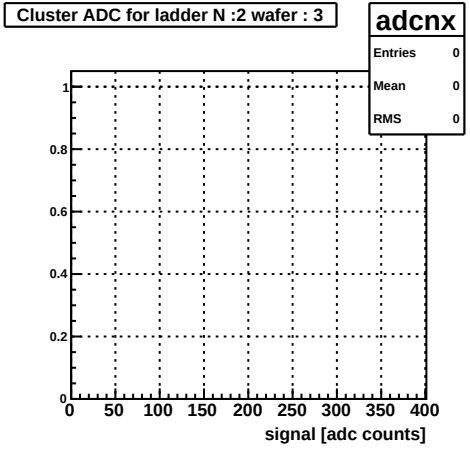

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

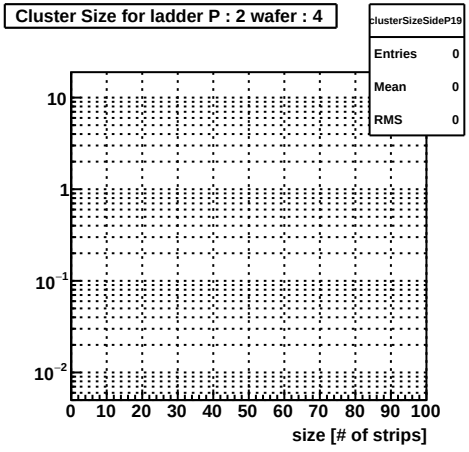

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

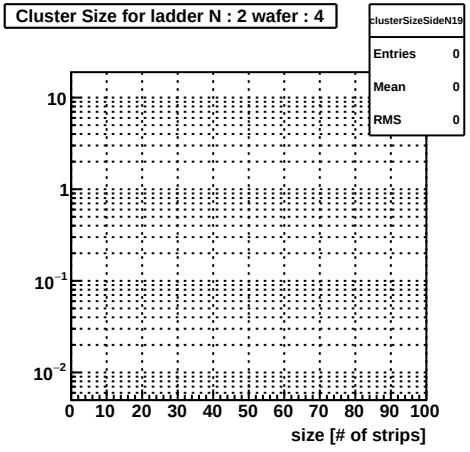

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

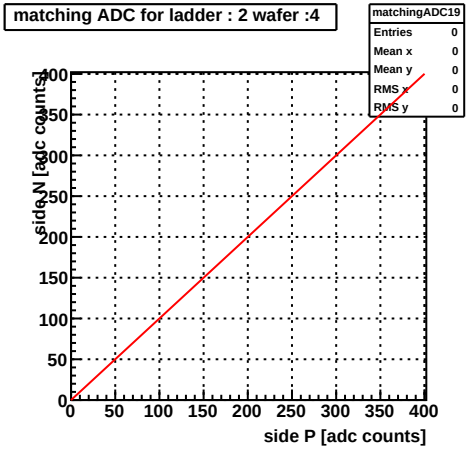

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

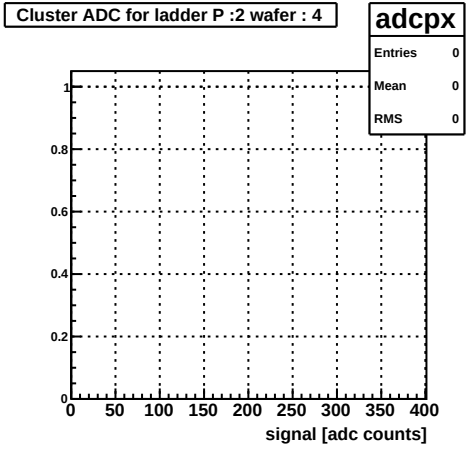

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

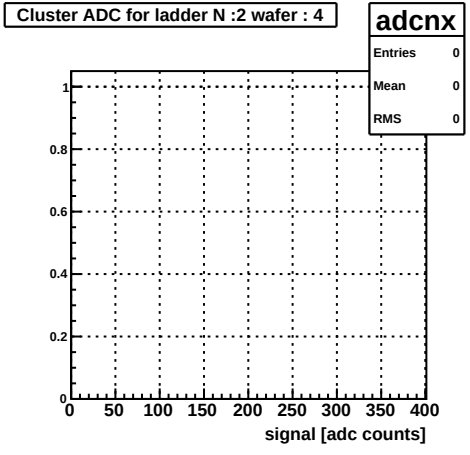

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

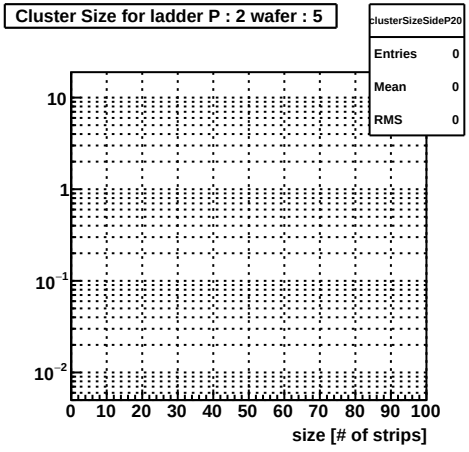

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

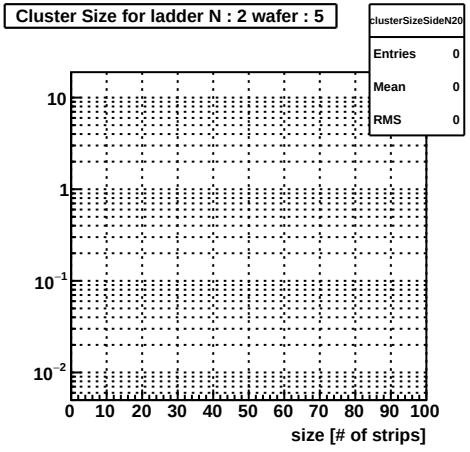

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

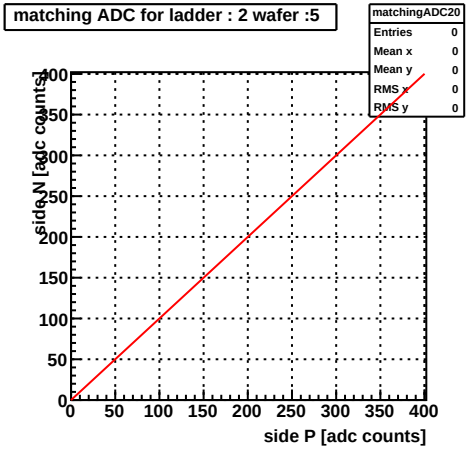

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

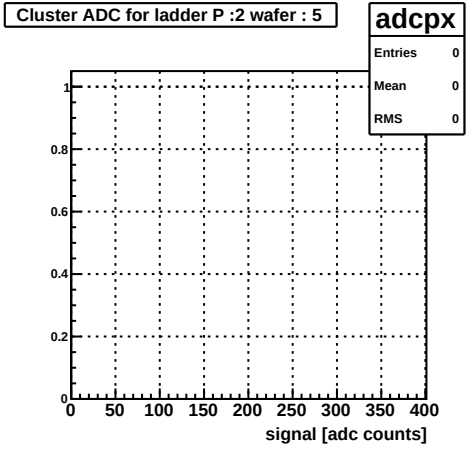

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

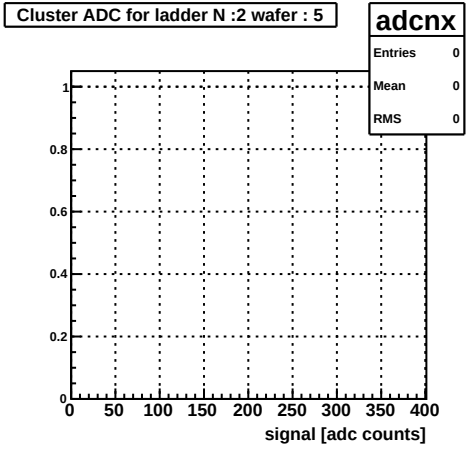

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

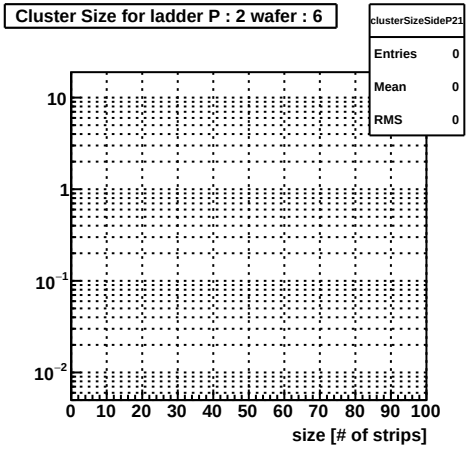

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

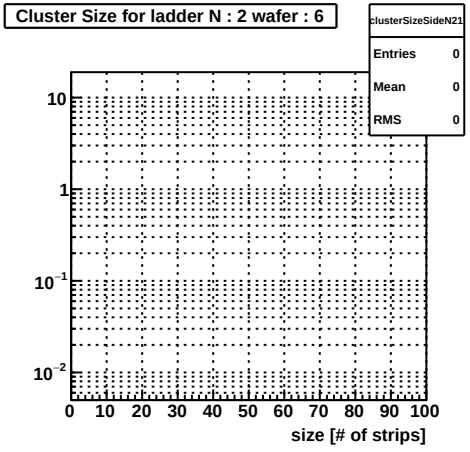

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

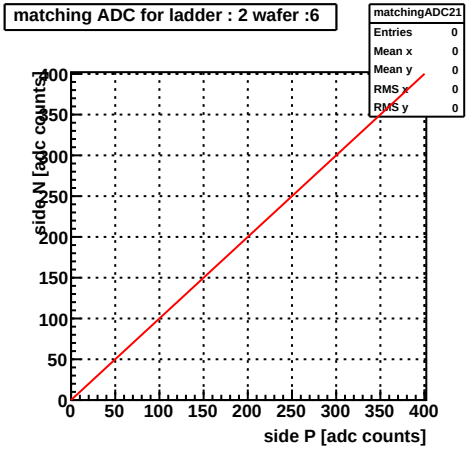

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

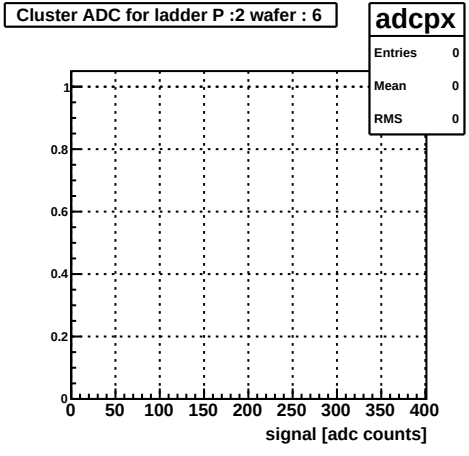

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

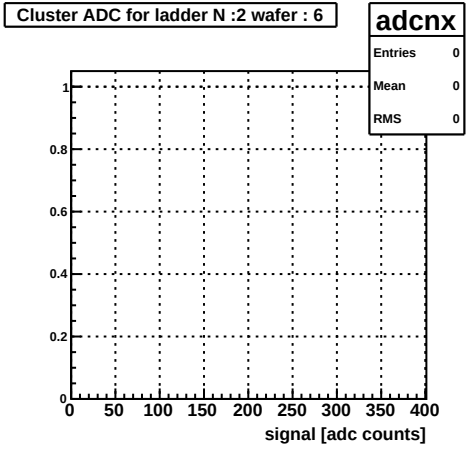

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

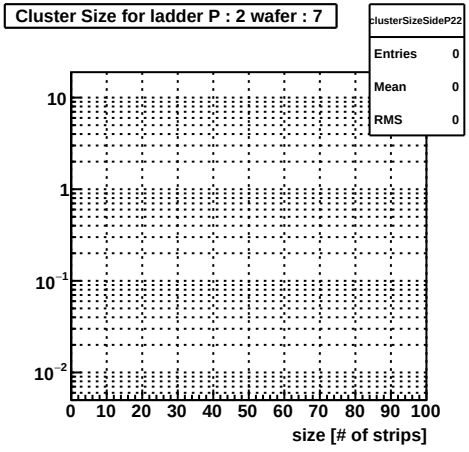

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

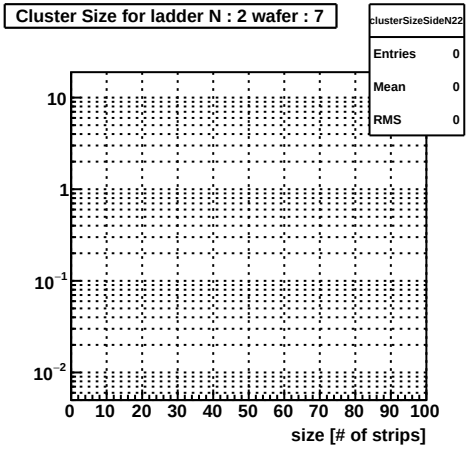

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

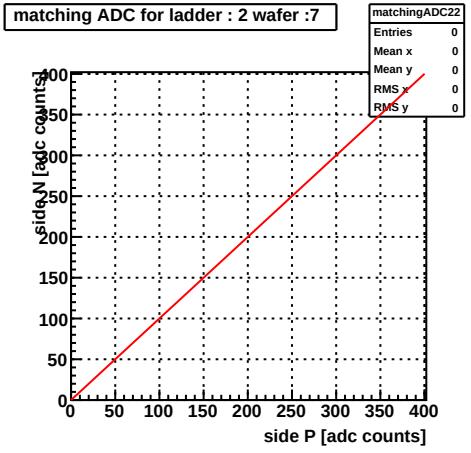

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

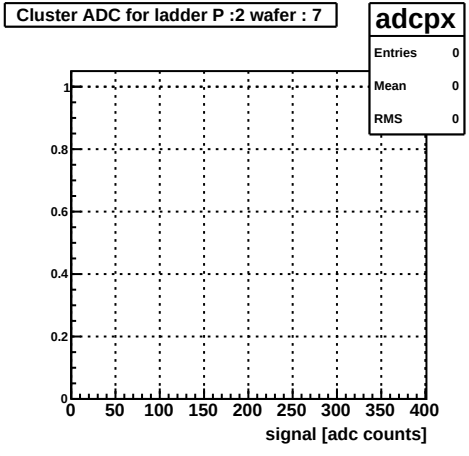

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

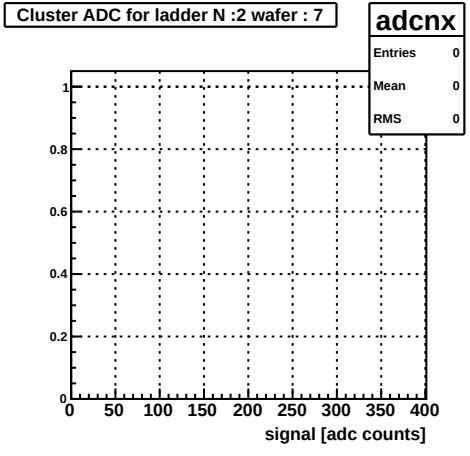

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

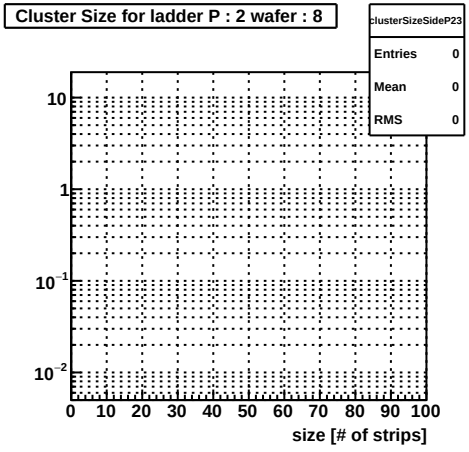

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

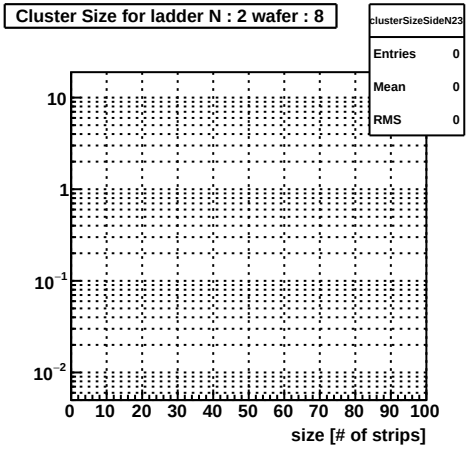

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

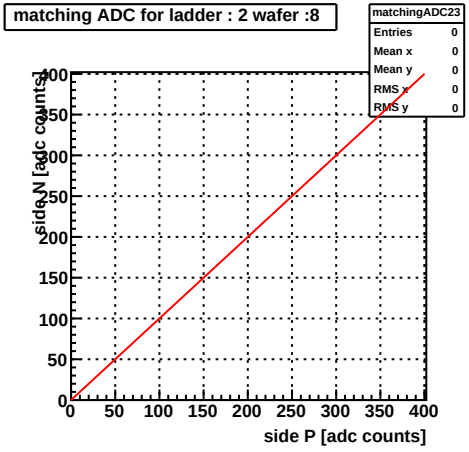

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

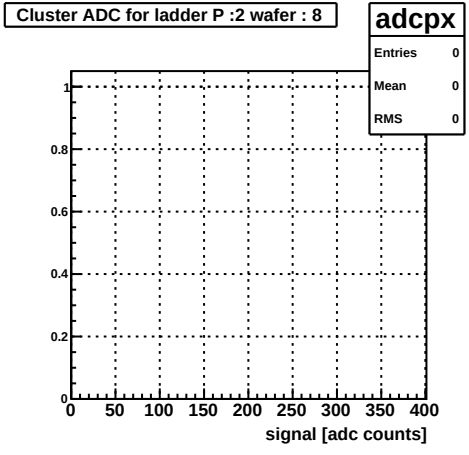

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

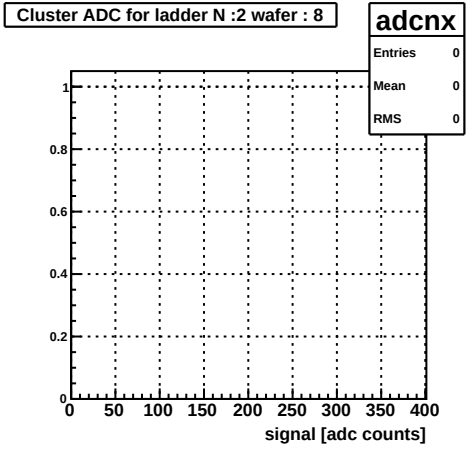

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

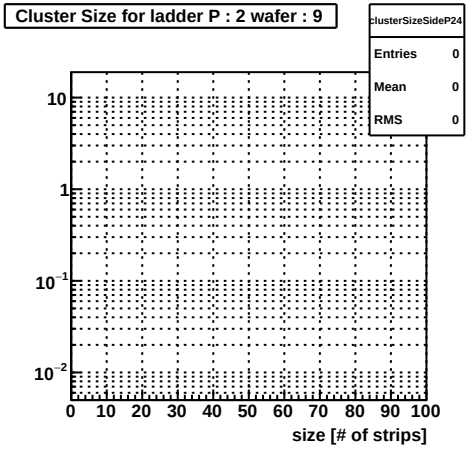

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

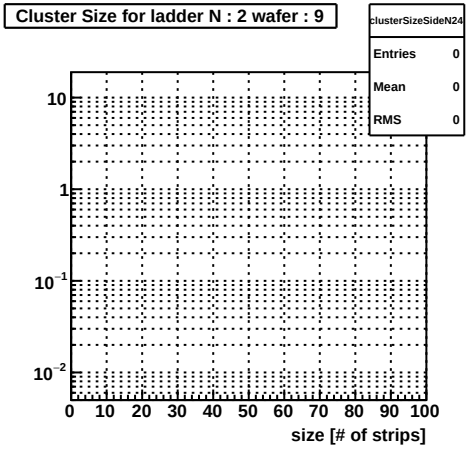

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

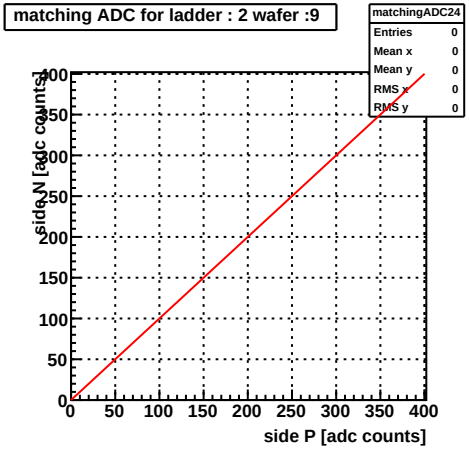

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

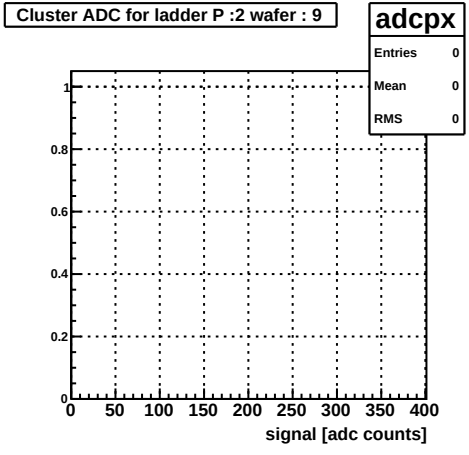

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

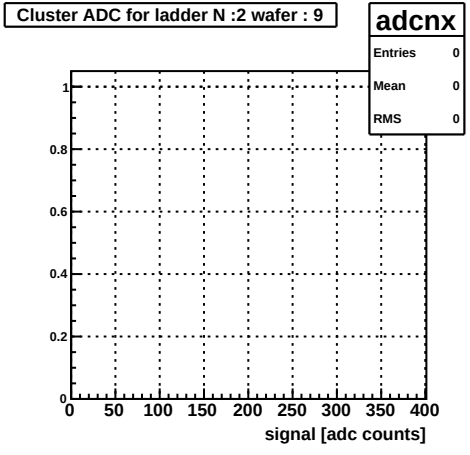

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

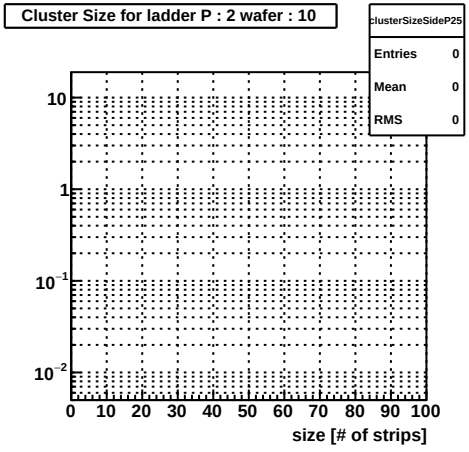

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

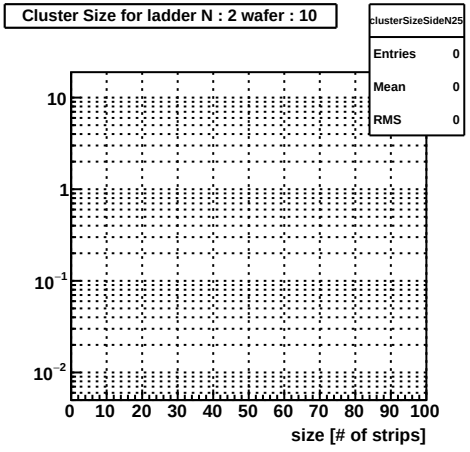

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

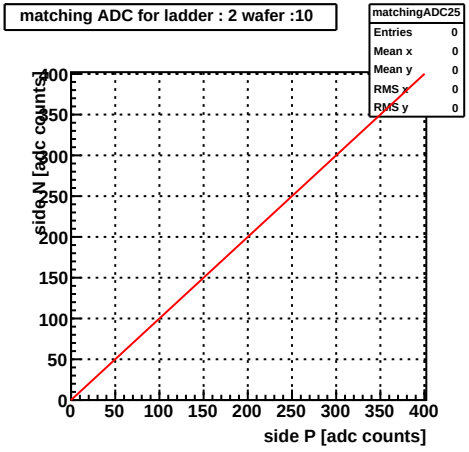

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

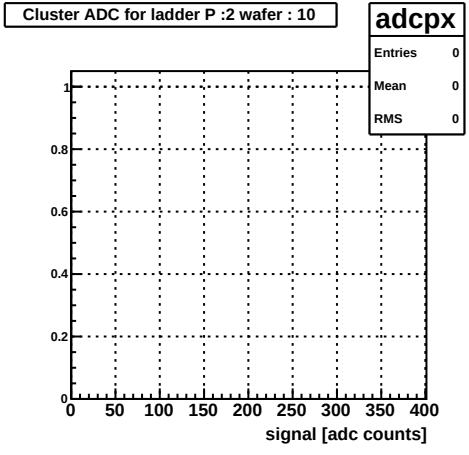

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

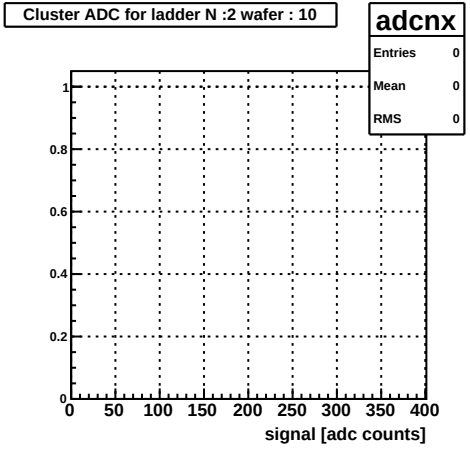

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

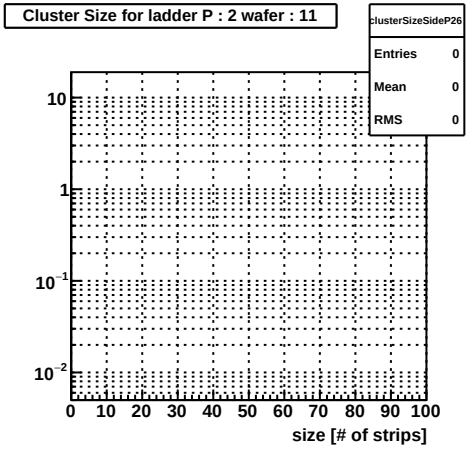

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

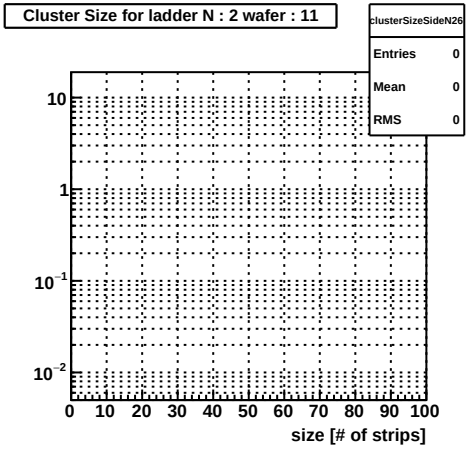

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

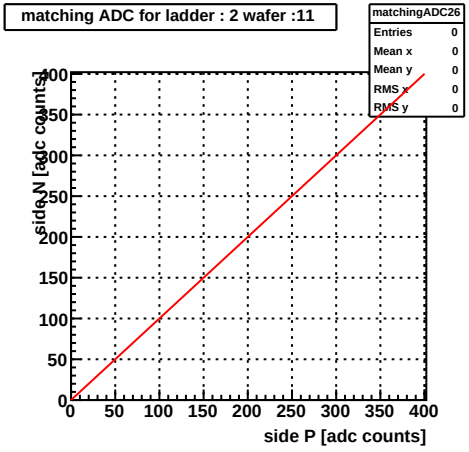

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

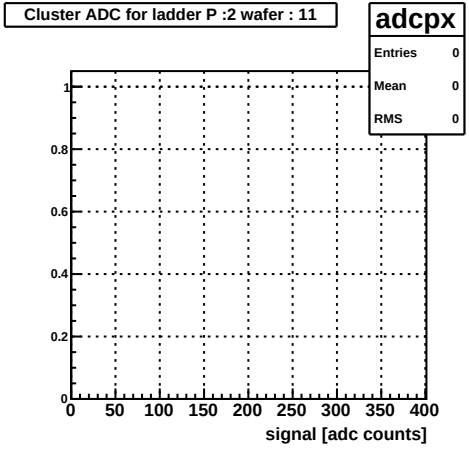

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

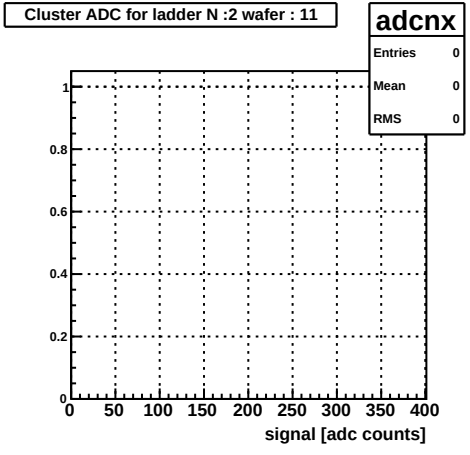

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

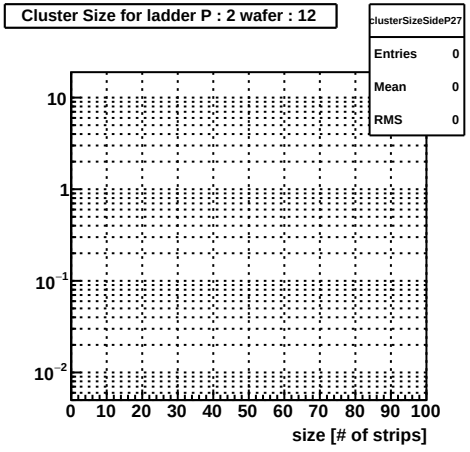

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

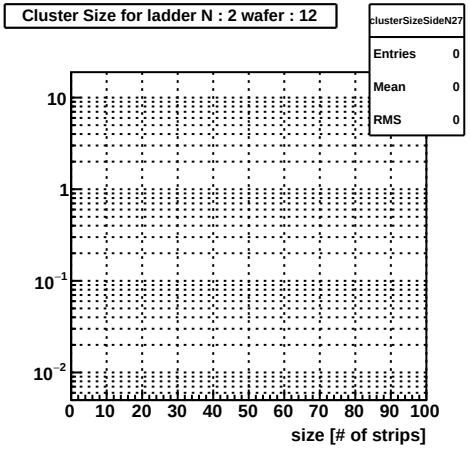

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

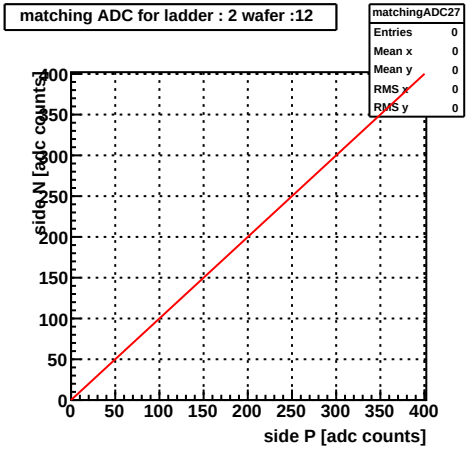

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

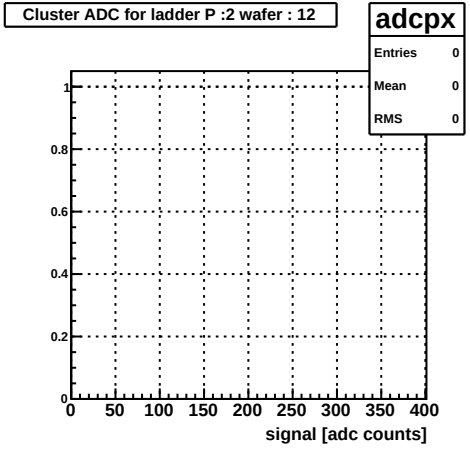

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

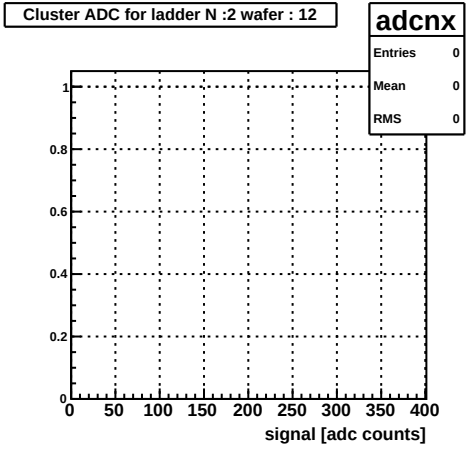

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

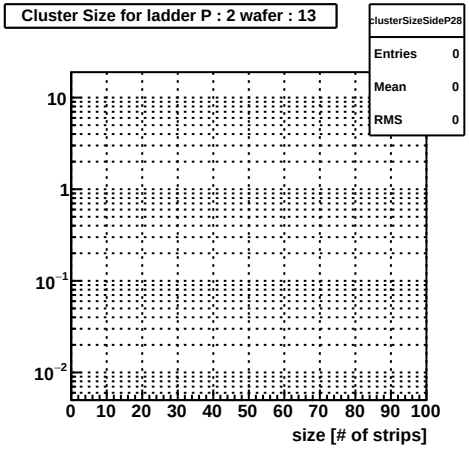

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

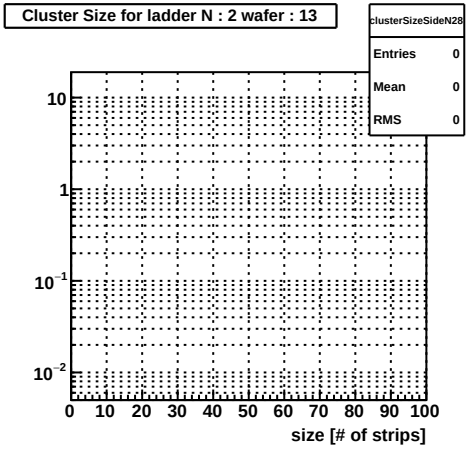

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

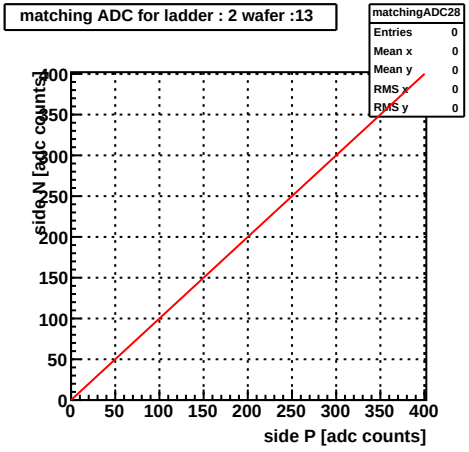

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

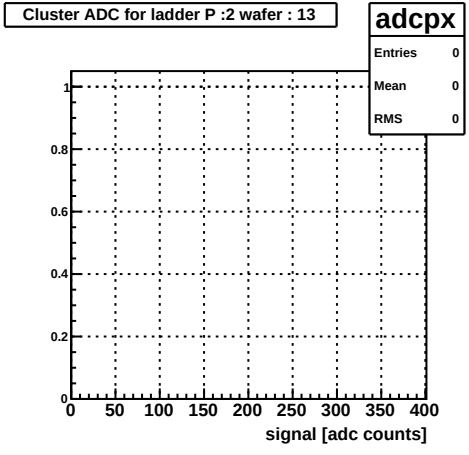

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

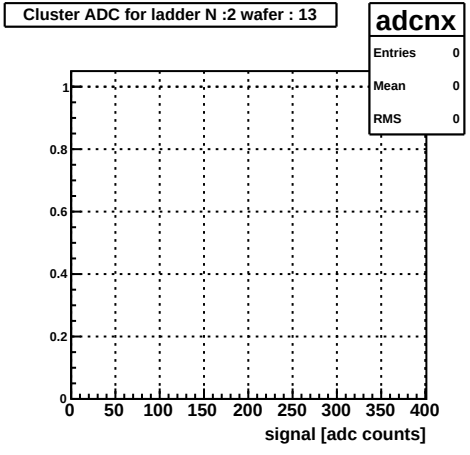

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

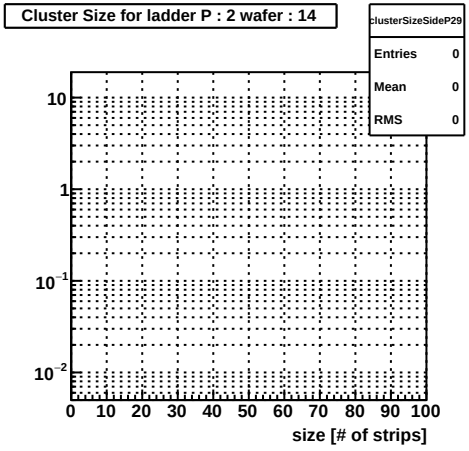

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

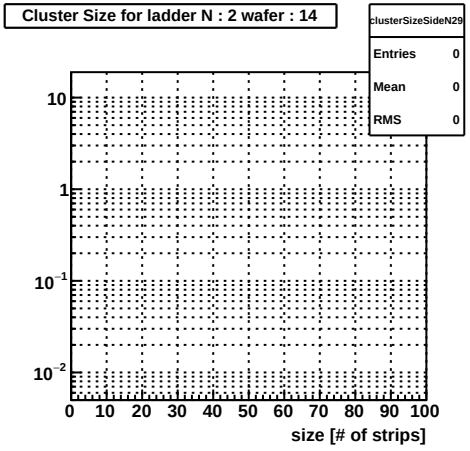

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

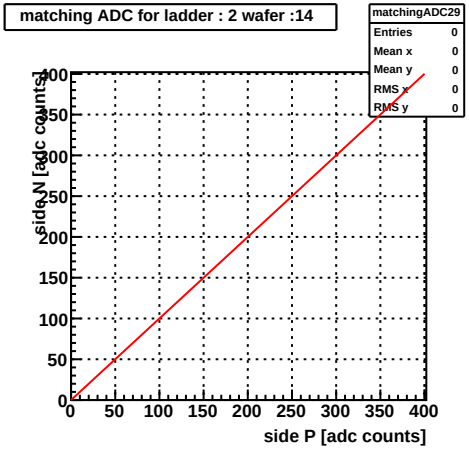

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

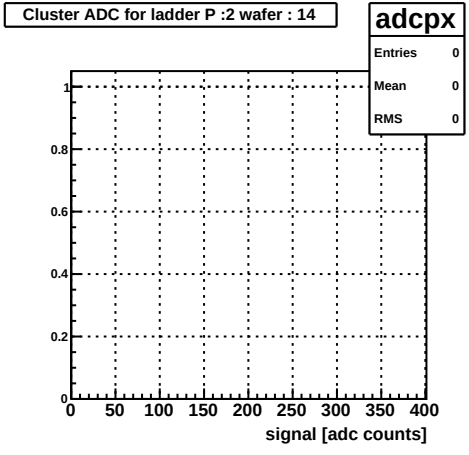

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

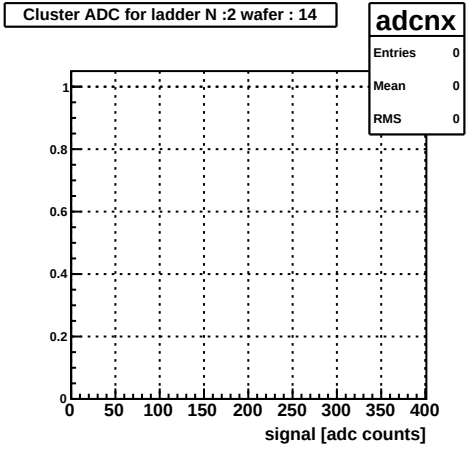

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

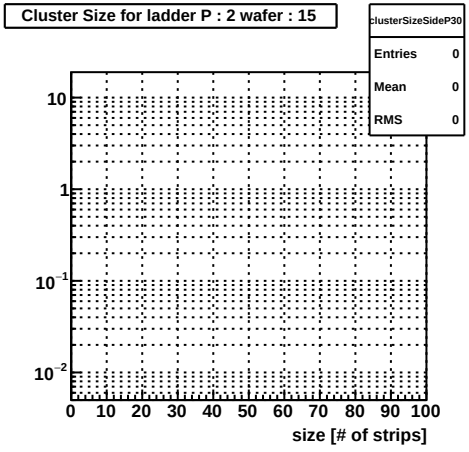

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

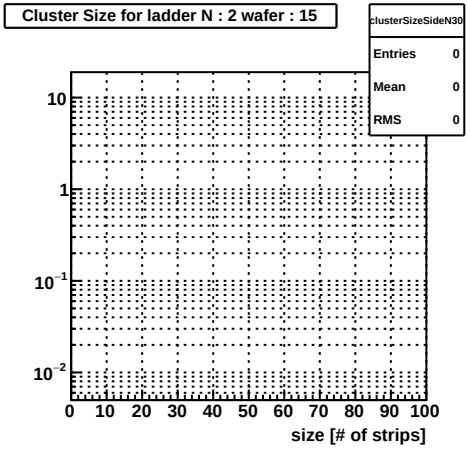

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

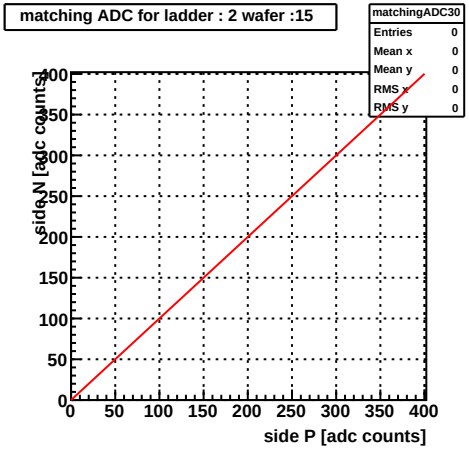

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

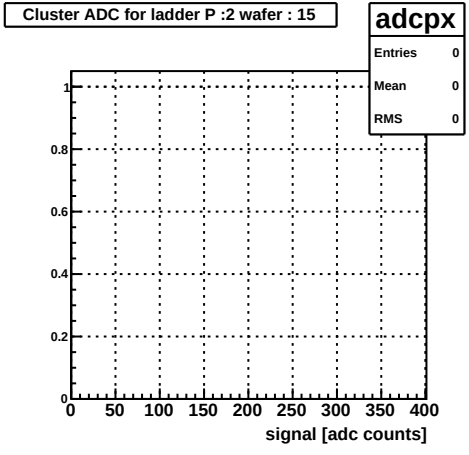

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

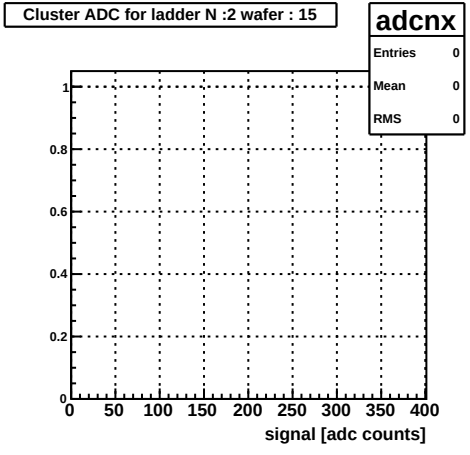

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

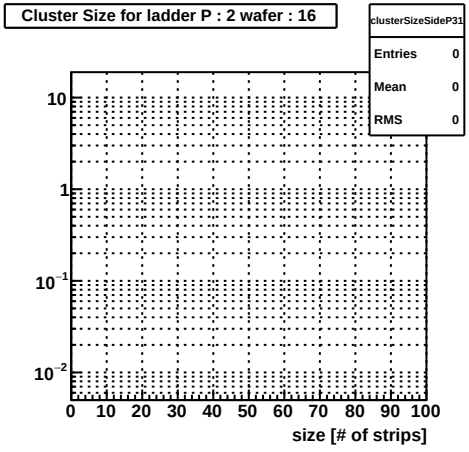

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

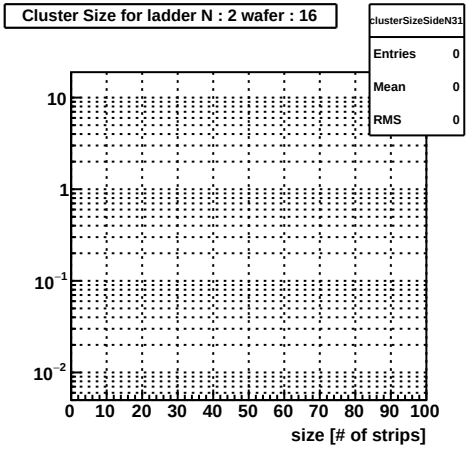

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

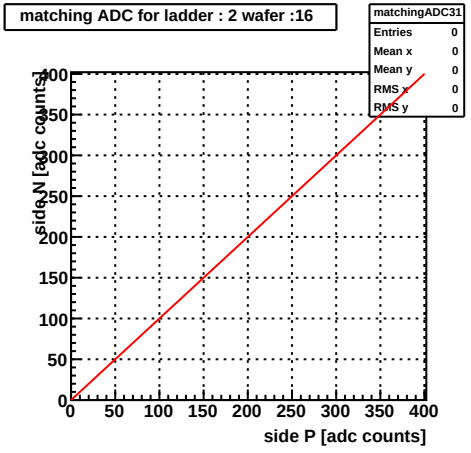

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

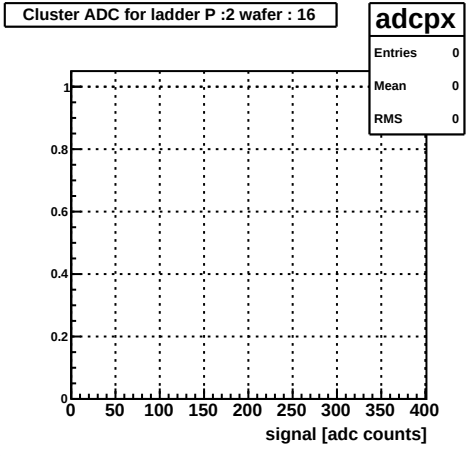

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

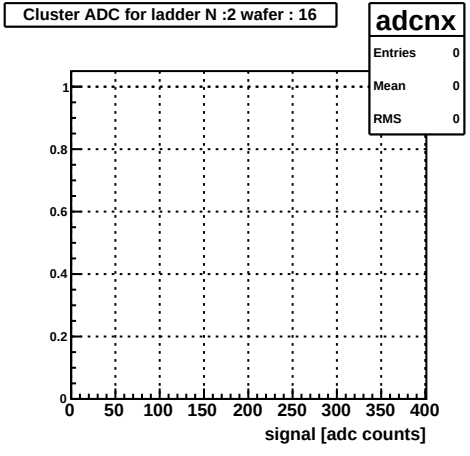

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

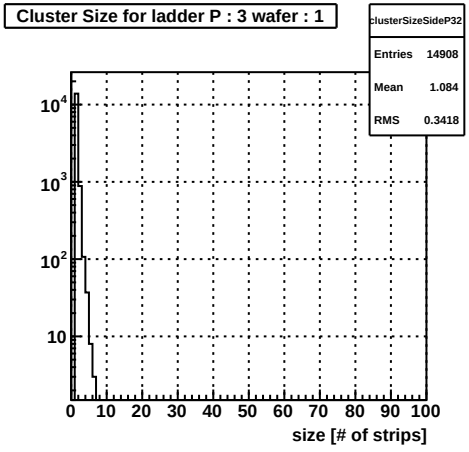

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

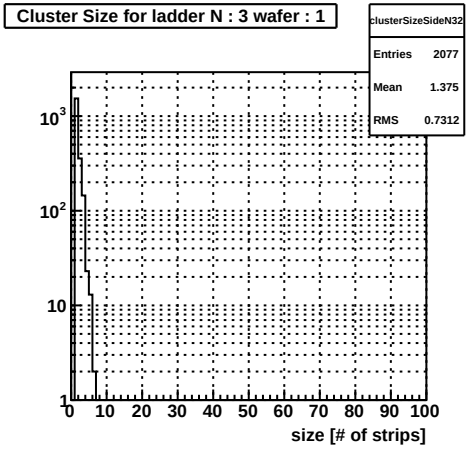

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

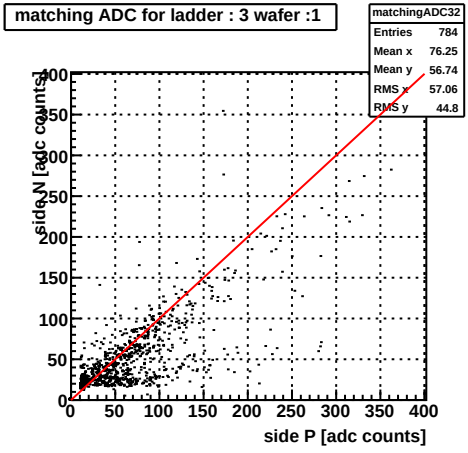

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

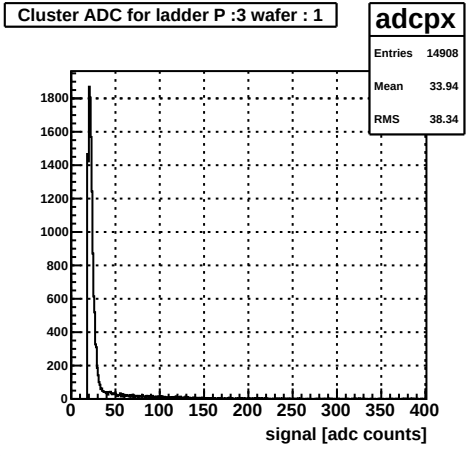

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

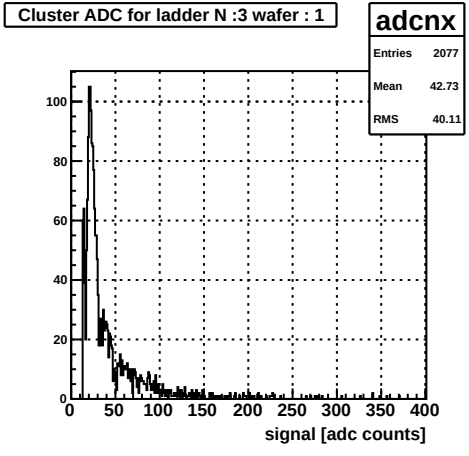

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

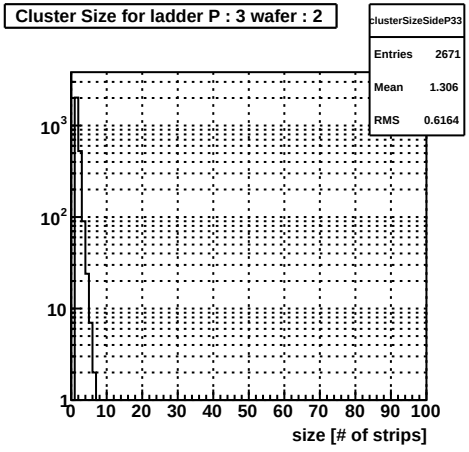

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14908
Mean 1.084
RMS 0.3418
size [# of strips]

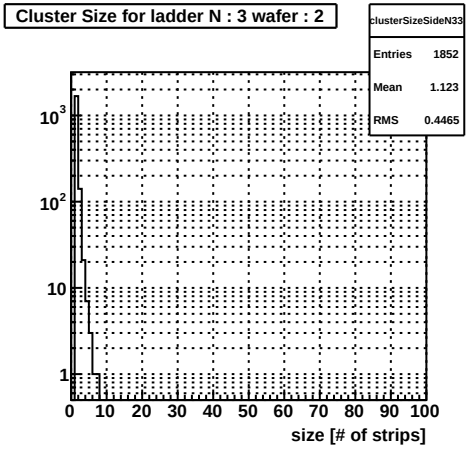

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2077
Mean 1.375
RMS 0.7312
size [# of strips]

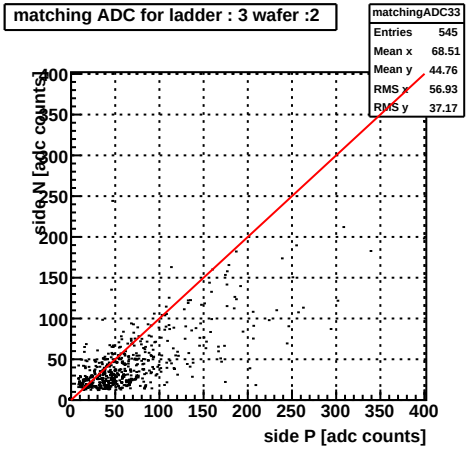

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 784
Mean x 76.25
Mean y 56.74
RMS x 57.06
RMS y 44.8
side N [adc counts]
side P [adc counts]

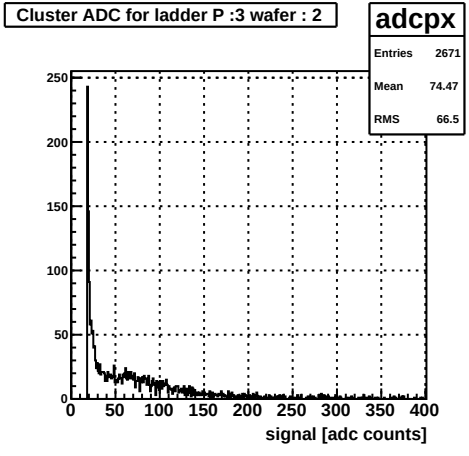

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14908
Mean 33.94
RMS 38.34
signal [adc counts]

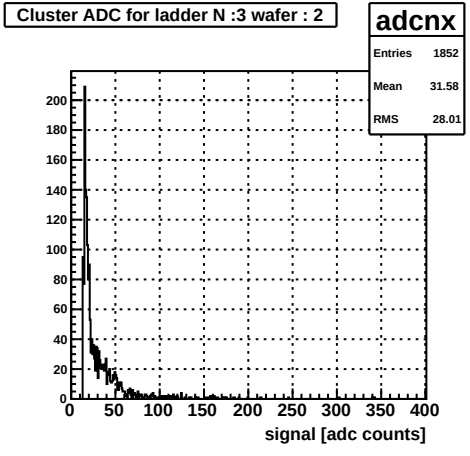

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2077
Mean 42.73
RMS 40.11
signal [adc counts]

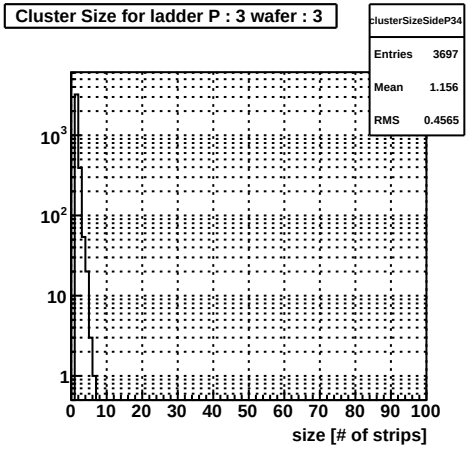

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2671
Mean 1.306
RMS 0.6164
size [# of strips]

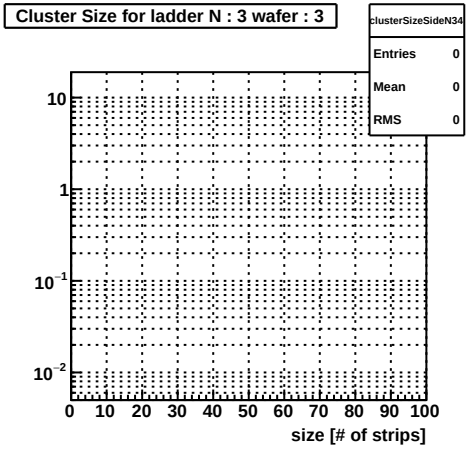

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1852
Mean 1.123
RMS 0.4465
size [# of strips]

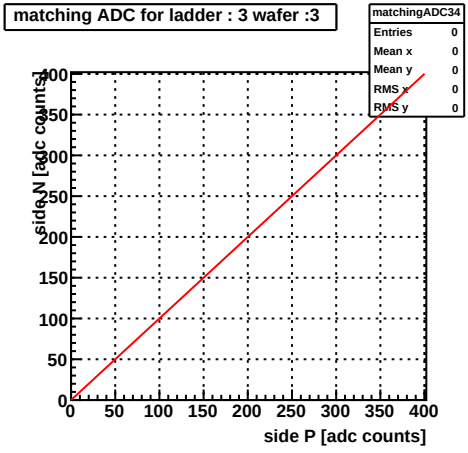

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 545
Mean x 68.51
Mean y 44.76
RMS x 56.93
RMS y 37.17
side N [adc counts]
side P [adc counts]

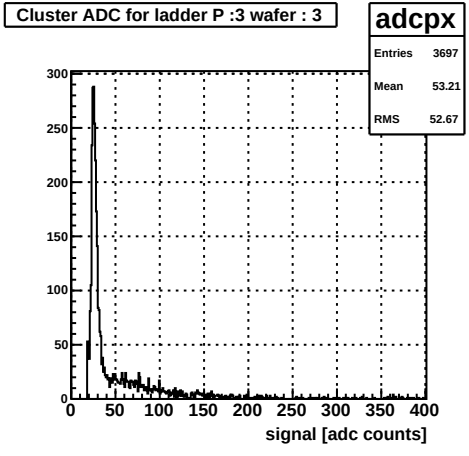

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2671
Mean 74.47
RMS 66.5
signal [adc counts]

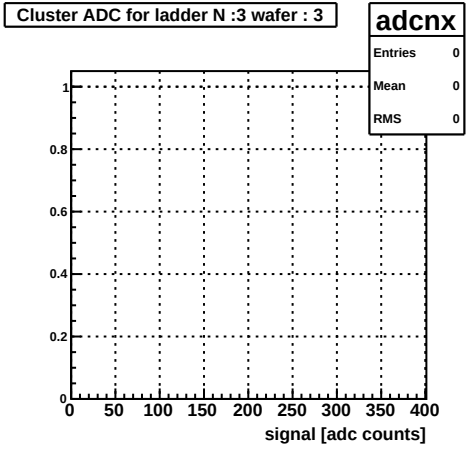

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1852
Mean 31.58
RMS 28.01
signal [adc counts]

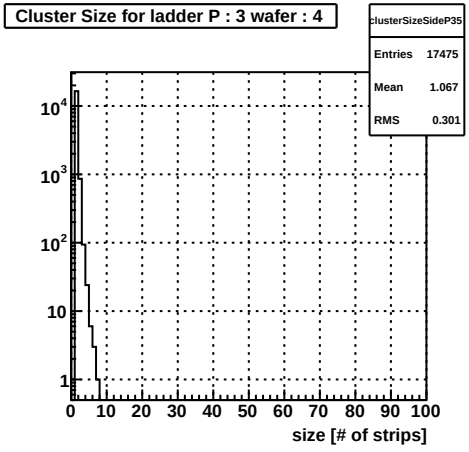

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3697
Mean 1.156
RMS 0.4565
size [# of strips]

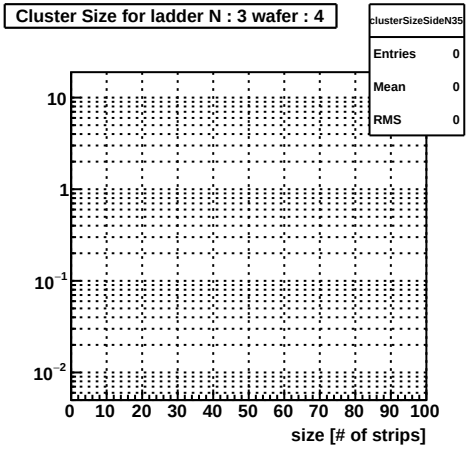

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

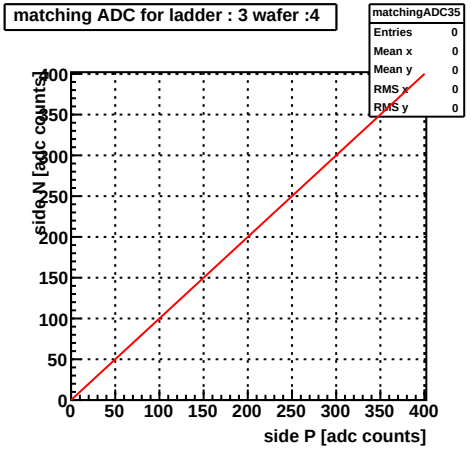

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

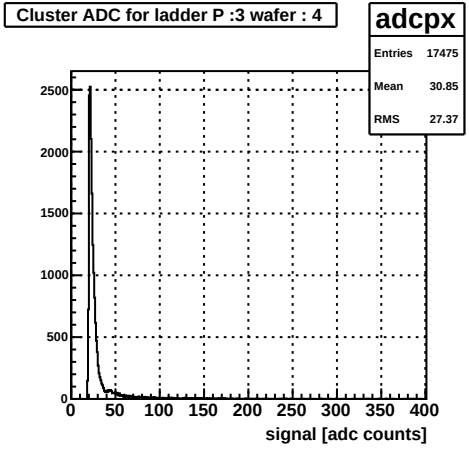

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3697
Mean 53.21
RMS 52.67
signal [adc counts]

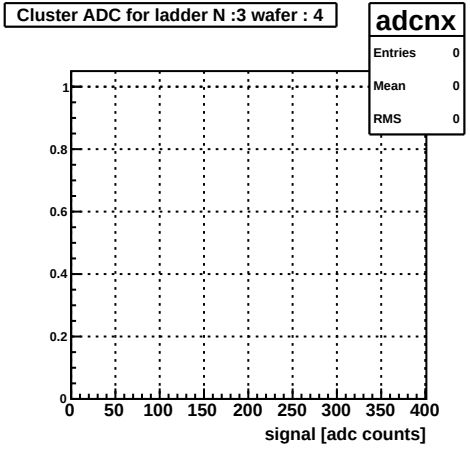

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

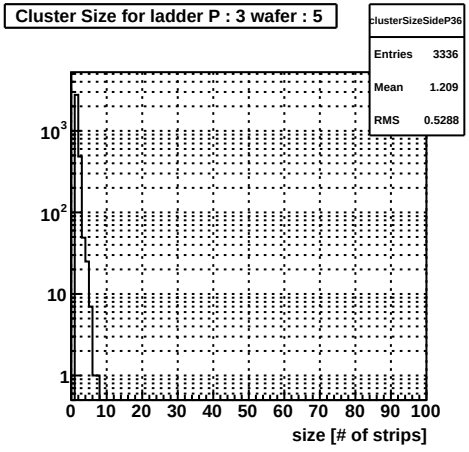

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 17475
Mean 1.067
RMS 0.301
size [# of strips]

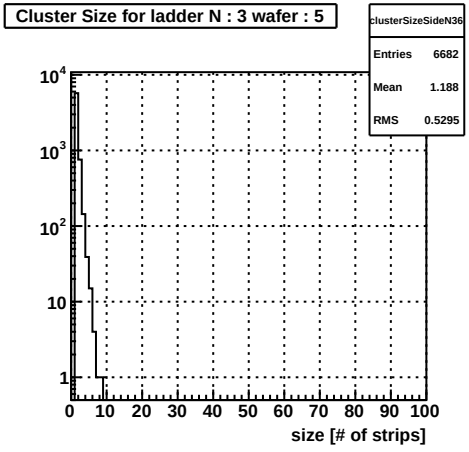

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

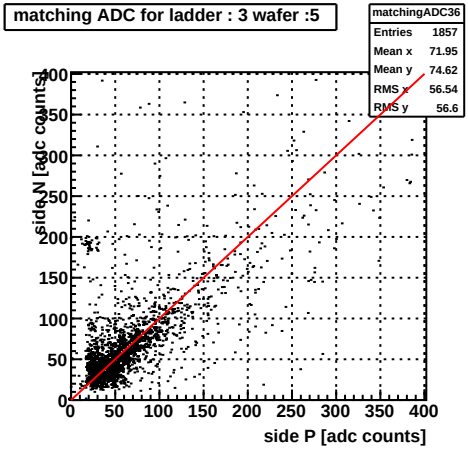

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

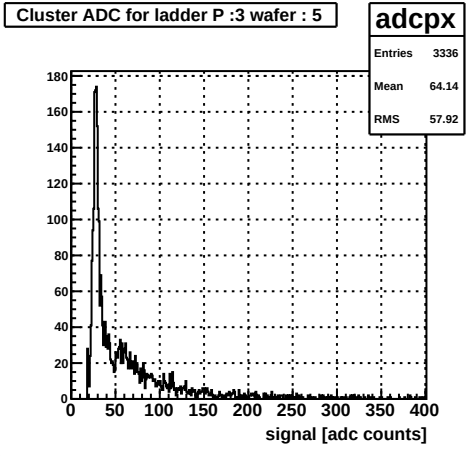

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 17475
Mean 30.85
RMS 27.37
signal [adc counts]

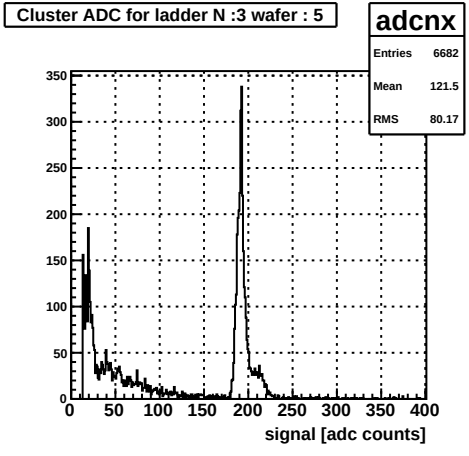

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

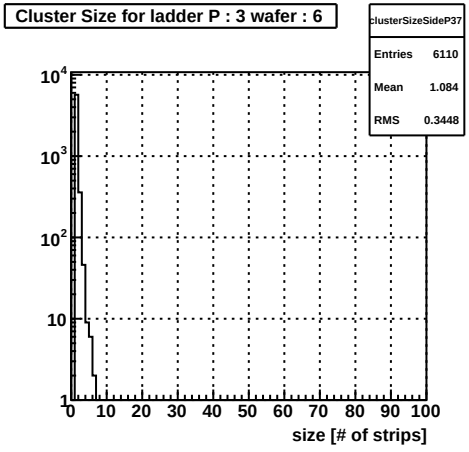

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3336
Mean 1.209
RMS 0.5288
size [# of strips]

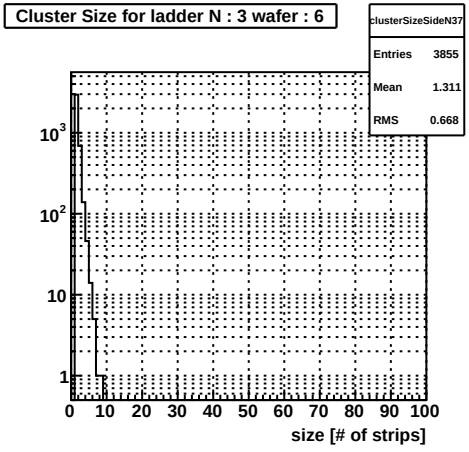

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6682
Mean 1.188
RMS 0.5295
size [# of strips]

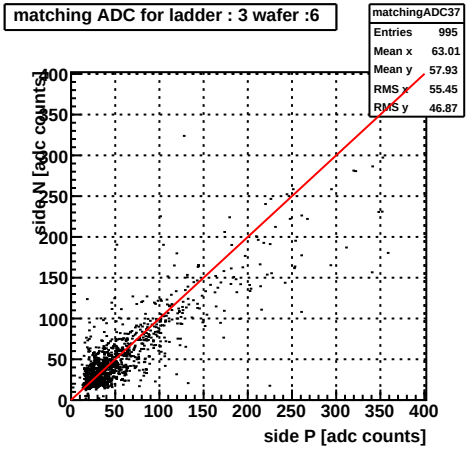

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1857
Mean x 71.95
Mean y 74.62
RMS x 56.54
RMS y 56.6
side N [adc counts]
side P [adc counts]

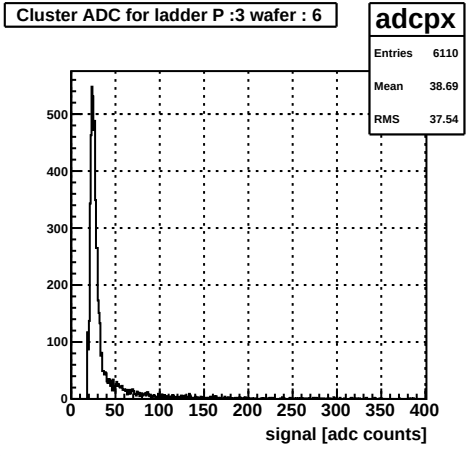

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3336
Mean 64.14
RMS 57.92
signal [adc counts]

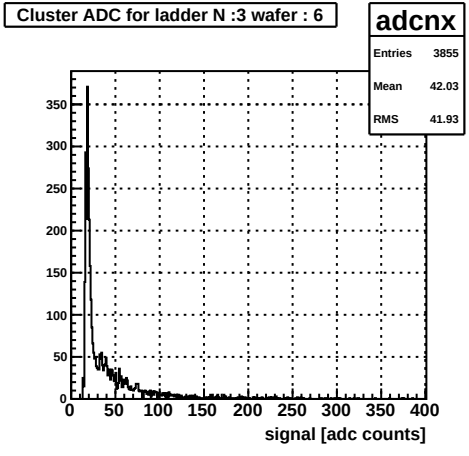

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6682
Mean 121.5
RMS 80.17
signal [adc counts]

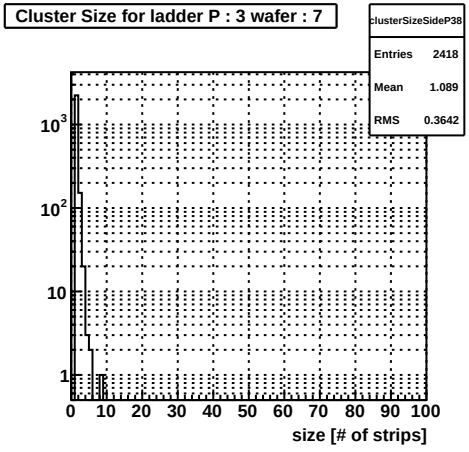

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6110
Mean 1.084
RMS 0.3448
size [# of strips]

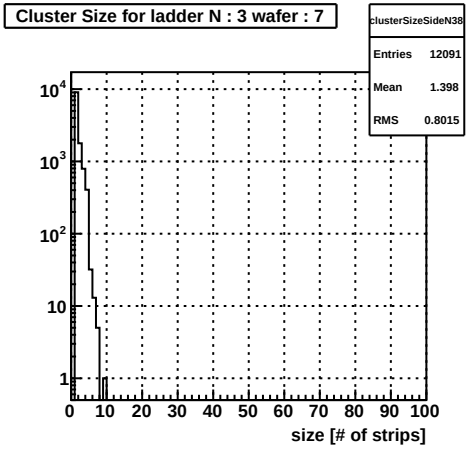

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 3855
Mean 1.311
RMS 0.668
size [# of strips]

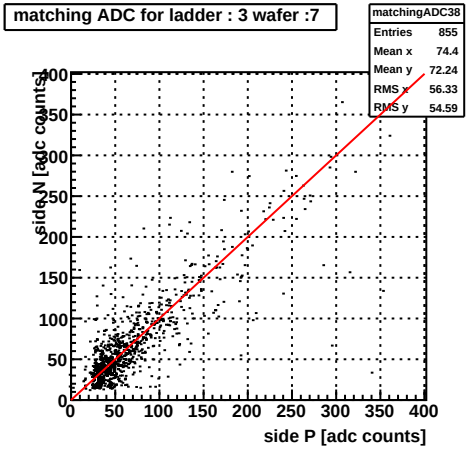

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 995
Mean x 63.01
Mean y 57.93
RMS x 55.45
RMS y 46.87
side N [adc counts]
side P [adc counts]

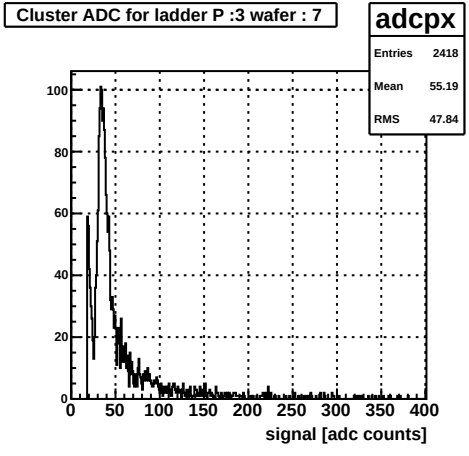

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6110
Mean 38.69
RMS 37.54
signal [adc counts]

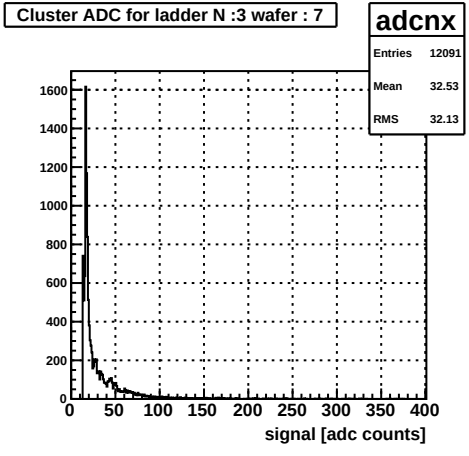

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 3855
Mean 42.03
RMS 41.93
signal [adc counts]

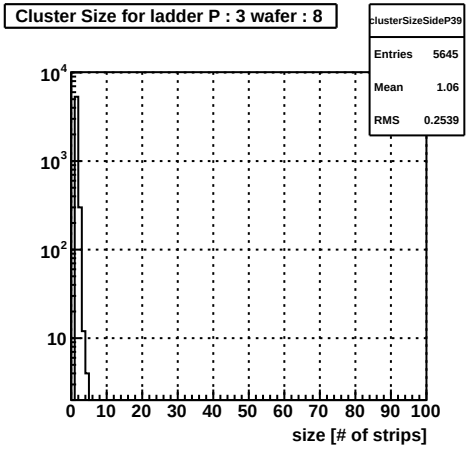

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2418
Mean 1.089
RMS 0.3642
size [# of strips]

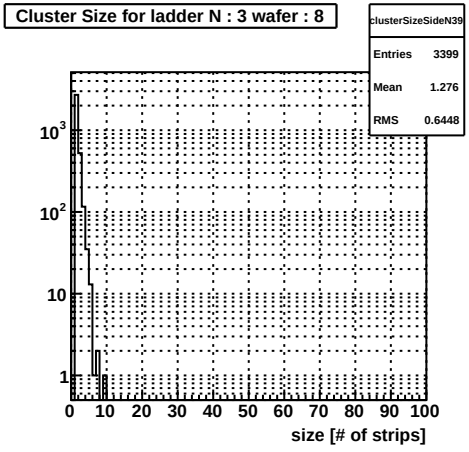

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12091
Mean 1.398
RMS 0.8015
size [# of strips]

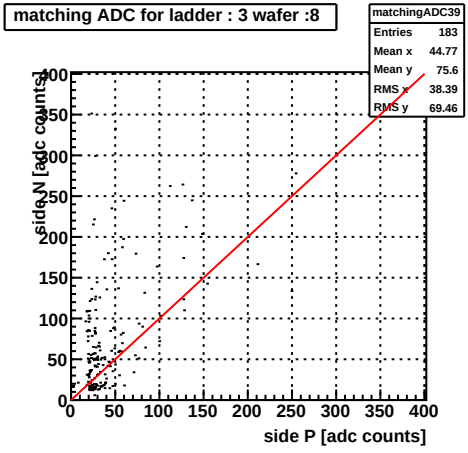

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 855
Mean x 74.4
Mean y 72.24
RMS x 56.33
RMS y 54.59
side N [adc counts]
side P [adc counts]

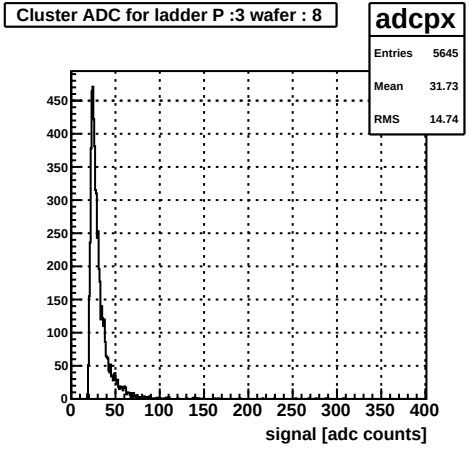

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2418
Mean 55.19
RMS 47.84
signal [adc counts]

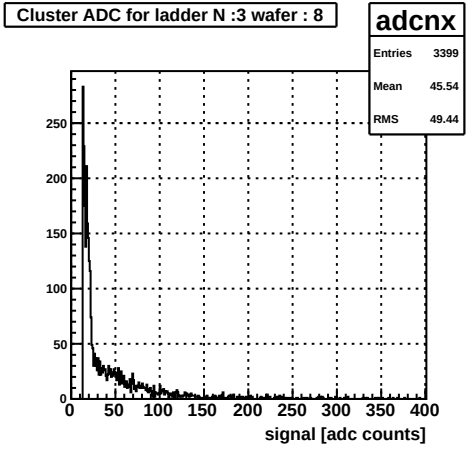

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12091
Mean 32.53
RMS 32.13
signal [adc counts]

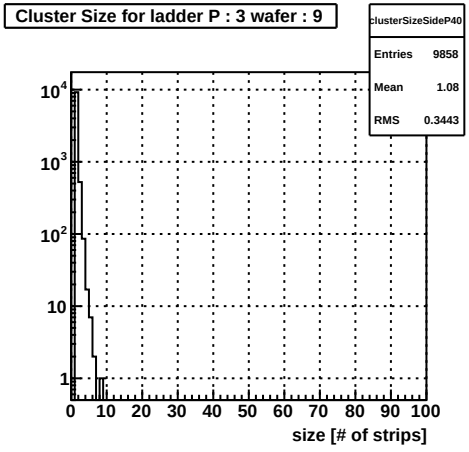

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5645
Mean 1.06
RMS 0.2539
size [# of strips]

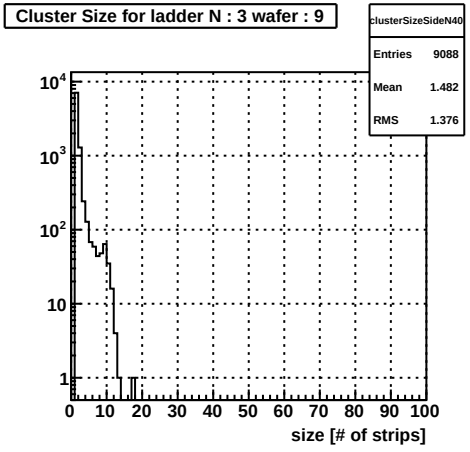

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3399
Mean 1.276
RMS 0.6448
size [# of strips]

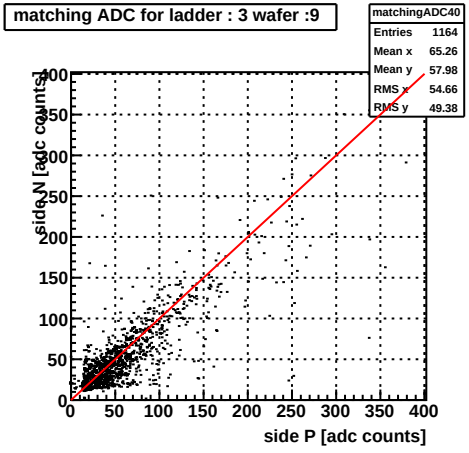

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 183
Mean x 44.77
Mean y 75.6
RMS x 38.39
RMS y 69.46
side N [adc counts]
side P [adc counts]

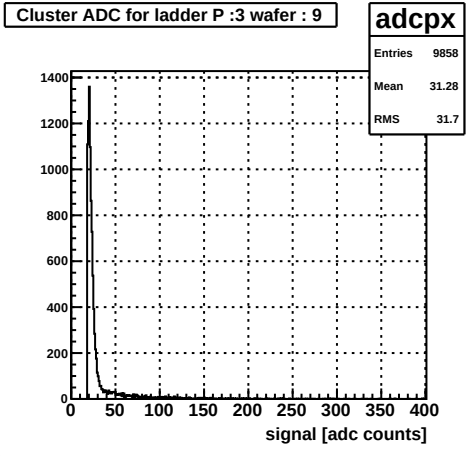

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5645
Mean 31.73
RMS 14.74
signal [adc counts]

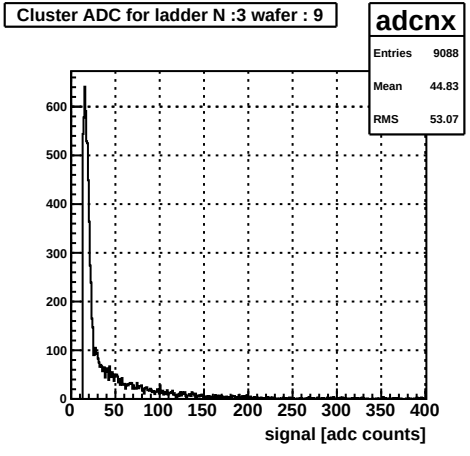

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3399
Mean 45.54
RMS 49.44
signal [adc counts]

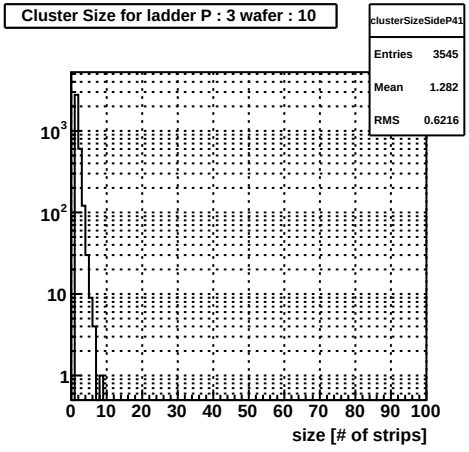

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9858
Mean 1.08
RMS 0.3443
size [# of strips]

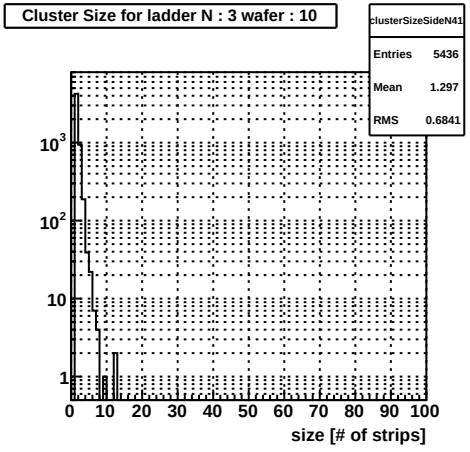

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9088
Mean 1.482
RMS 1.376
size [# of strips]

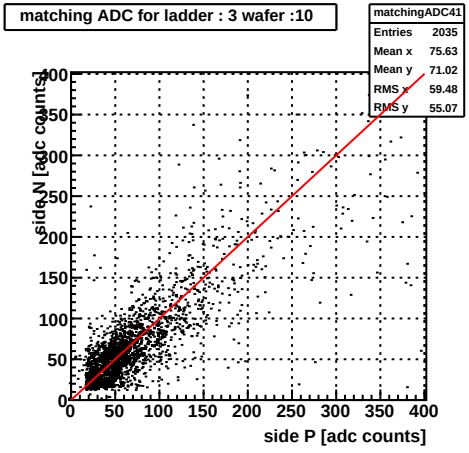

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1164
Mean x 65.26
Mean y 57.98
RMS x 54.66
RMS y 49.38
side N [adc counts]
side P [adc counts]

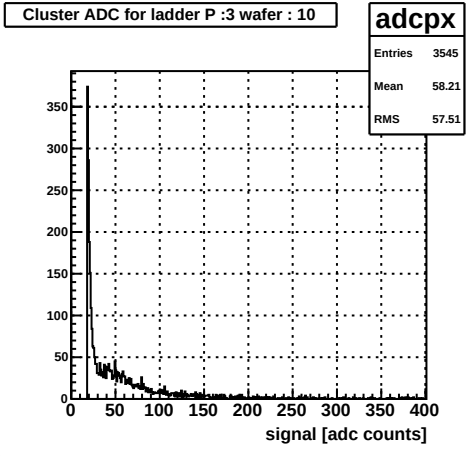

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9858
Mean 31.28
RMS 31.7
signal [adc counts]

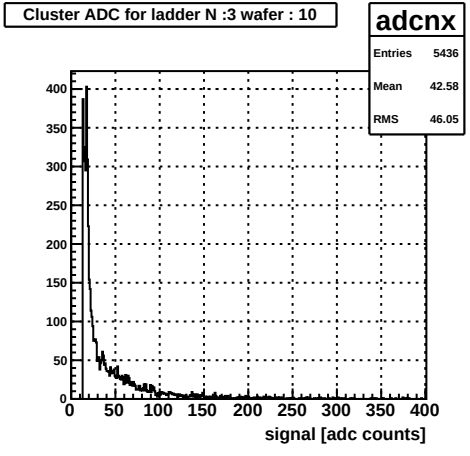

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9088
Mean 44.83
RMS 53.07
signal [adc counts]

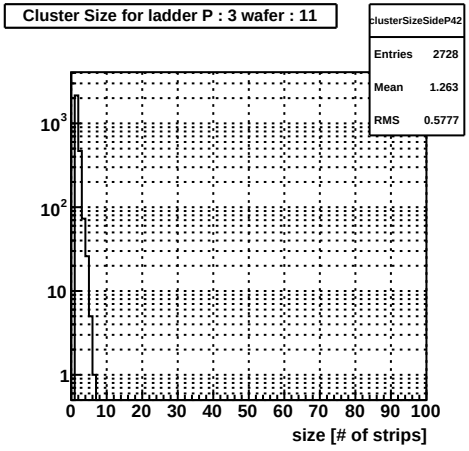

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3545
Mean 1.282
RMS 0.6216
size [# of strips]

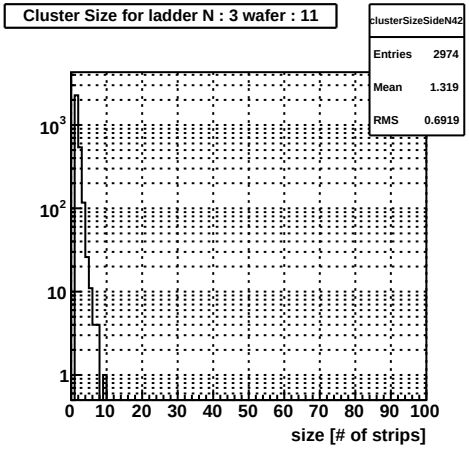

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5436
Mean 1.297
RMS 0.6841
size [# of strips]

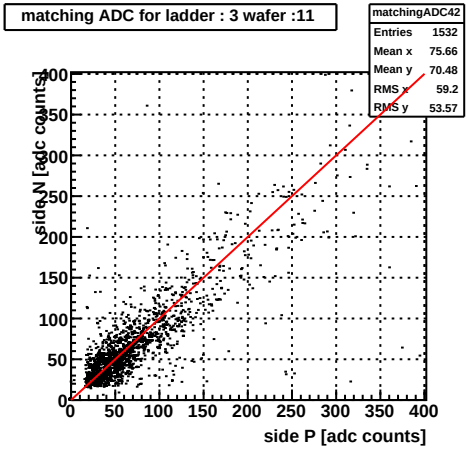

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 2035
Mean x 75.63
Mean y 71.02
RMS x 59.48
RMS y 55.07
side N [adc counts]
side P [adc counts]

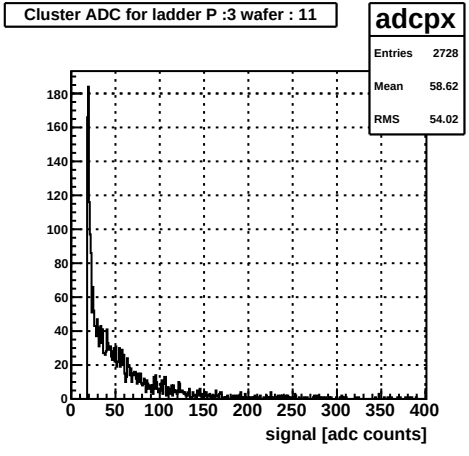

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3545
Mean 58.21
RMS 57.51
signal [adc counts]

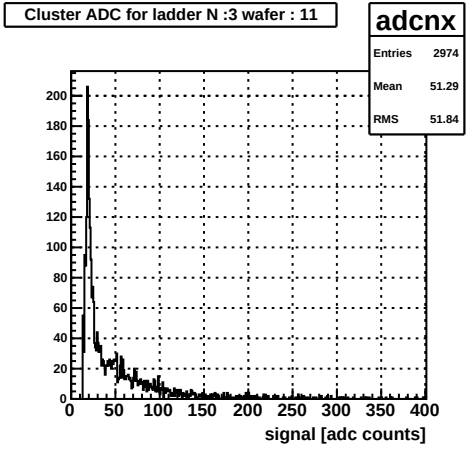

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5436
Mean 42.58
RMS 46.05
signal [adc counts]

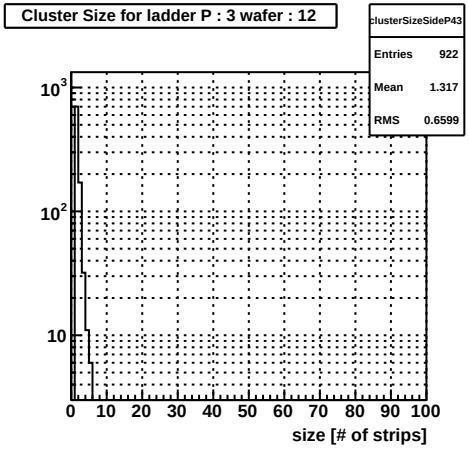

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2728
Mean 1.263
RMS 0.5777
size [# of strips]

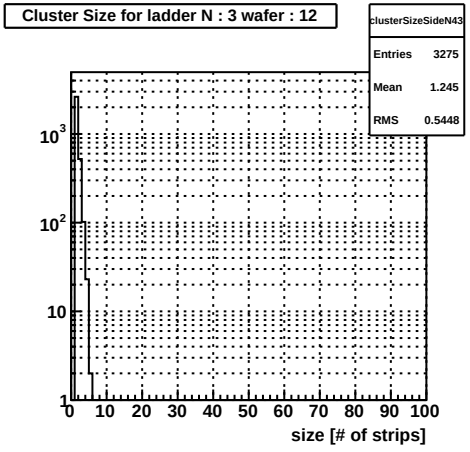

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2974
Mean 1.319
RMS 0.6919
size [# of strips]

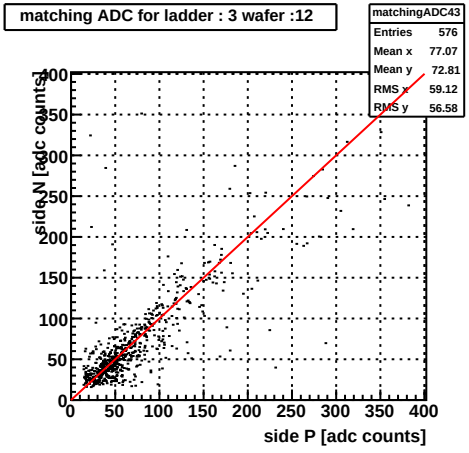

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1532
Mean x 75.66
Mean y 70.48
RMS x 59.2
RMS y 53.57
side N [adc counts]
side P [adc counts]

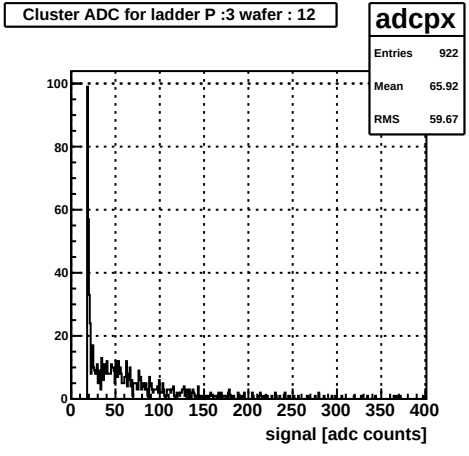

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2728
Mean 58.62
RMS 54.02
signal [adc counts]

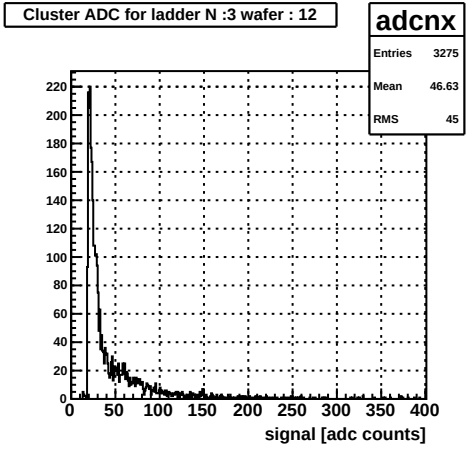

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2974
Mean 51.29
RMS 51.84
signal [adc counts]

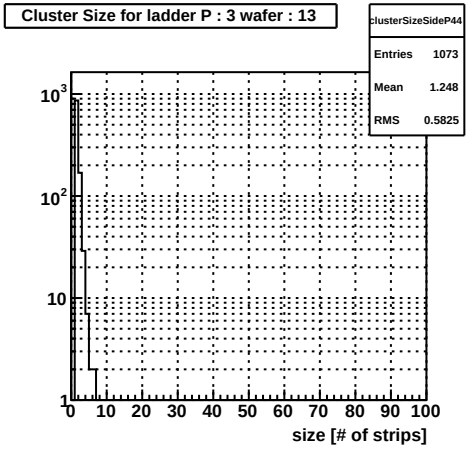

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 922
Mean 1.317
RMS 0.6599
size [# of strips]

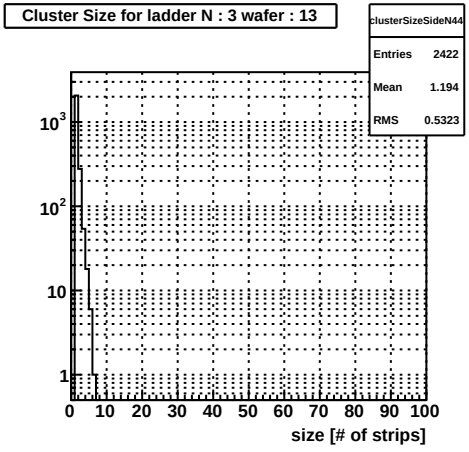

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3275
Mean 1.245
RMS 0.5448
size [# of strips]

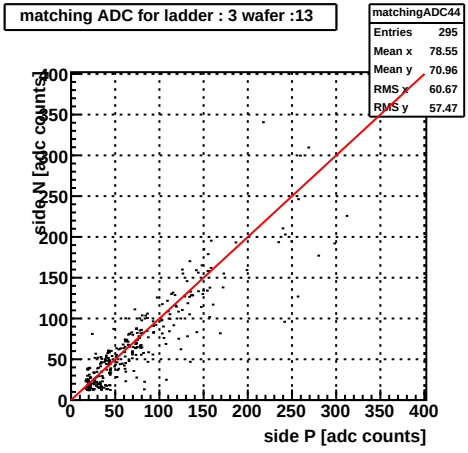

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 576
Mean x 77.07
Mean y 72.81
RMS x 59.12
RMS y 56.58
side N [adc counts]
side P [adc counts]

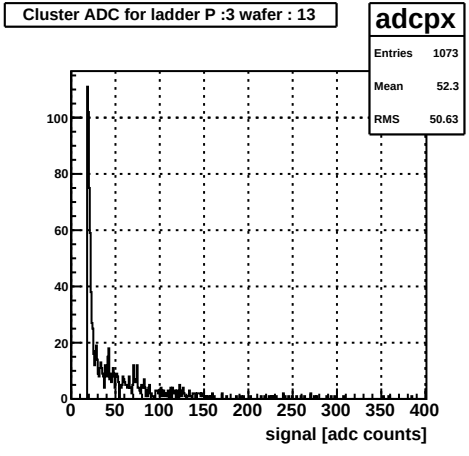

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 922
Mean 65.92
RMS 59.67
signal [adc counts]

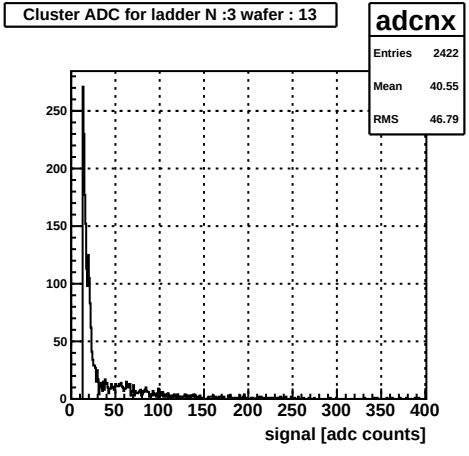

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3275
Mean 46.63
RMS 45
signal [adc counts]

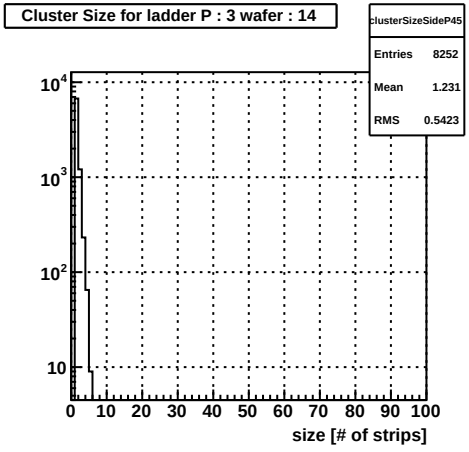

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1073
Mean 1.248
RMS 0.5825
size [# of strips]

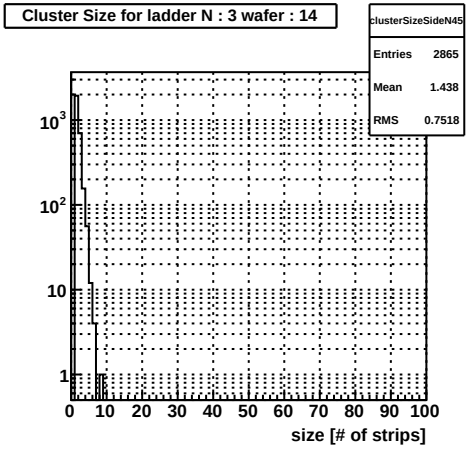

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2422
Mean 1.194
RMS 0.5323
size [# of strips]

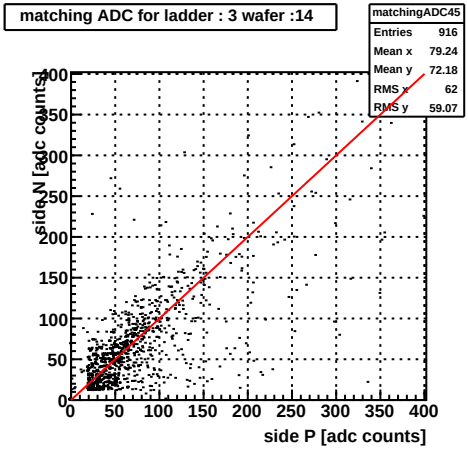

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 295
Mean x 78.55
Mean y 70.96
RMS x 60.67
RMS y 57.47
side N [adc counts]
side P [adc counts]

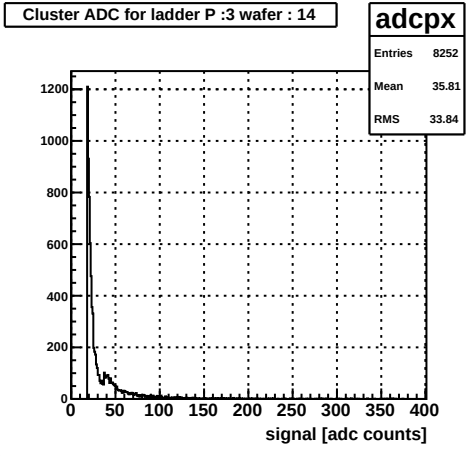

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1073
Mean 52.3
RMS 50.63
signal [adc counts]

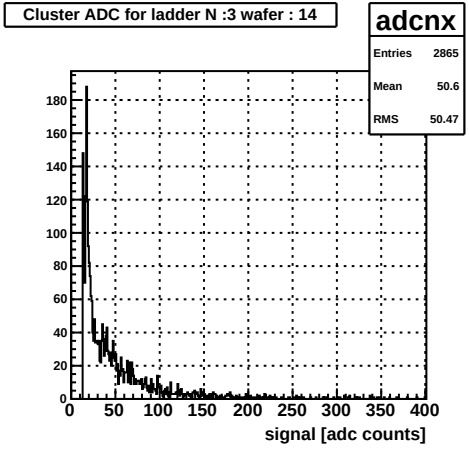

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2422
Mean 40.55
RMS 46.79
signal [adc counts]

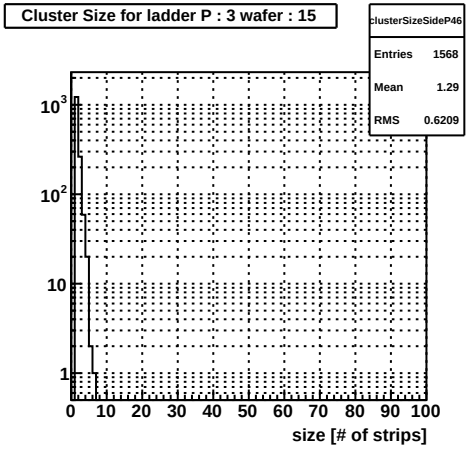

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8252
Mean 1.231
RMS 0.5423
size [# of strips]

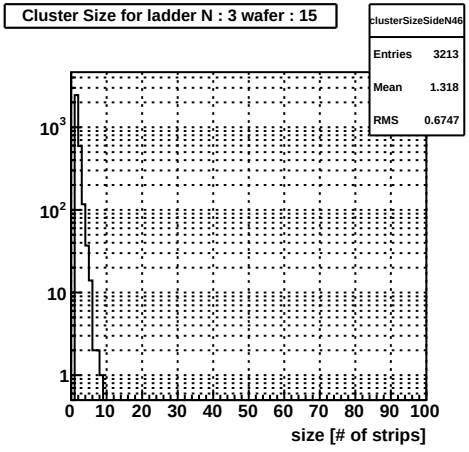

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2865
Mean 1.438
RMS 0.7518
size [# of strips]

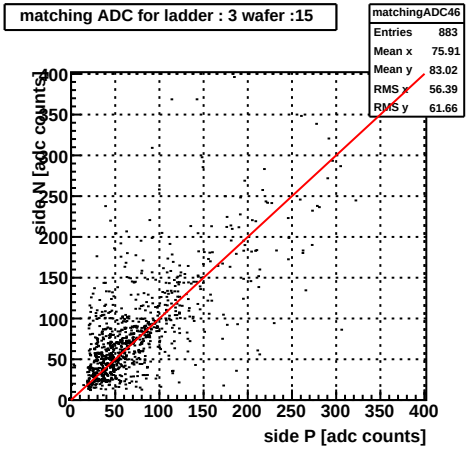

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 916
Mean x 79.24
Mean y 72.18
RMS x 62
RMS y 59.07
side N [adc counts]
side P [adc counts]

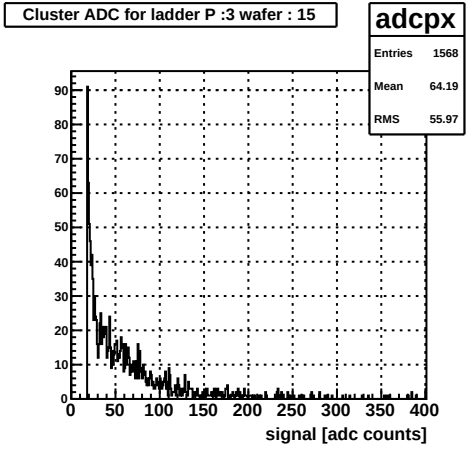

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8252
Mean 35.81
RMS 33.84
signal [adc counts]

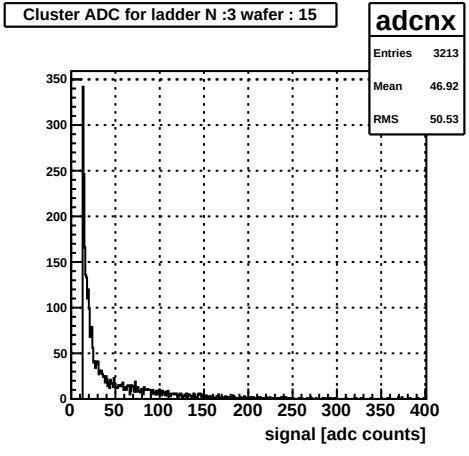

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2865
Mean 50.6
RMS 50.47
signal [adc counts]

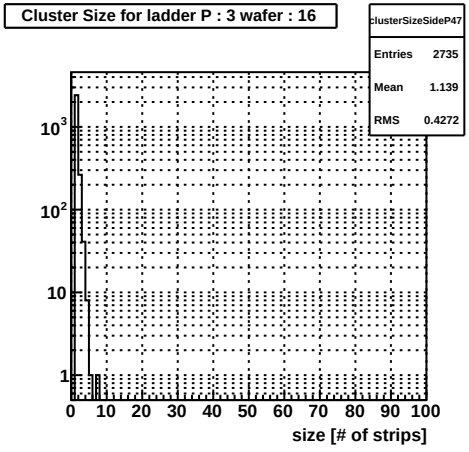

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1568
Mean 1.29
RMS 0.6209
size [# of strips]

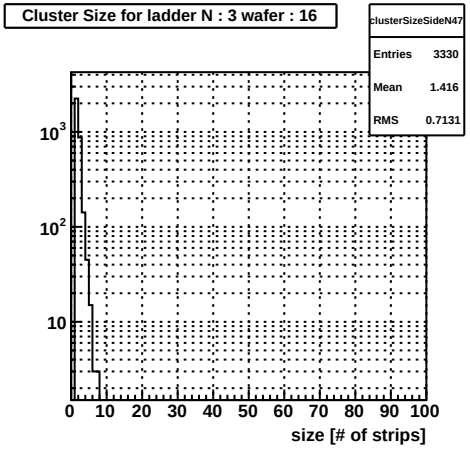

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3213
Mean 1.318
RMS 0.6747
size [# of strips]

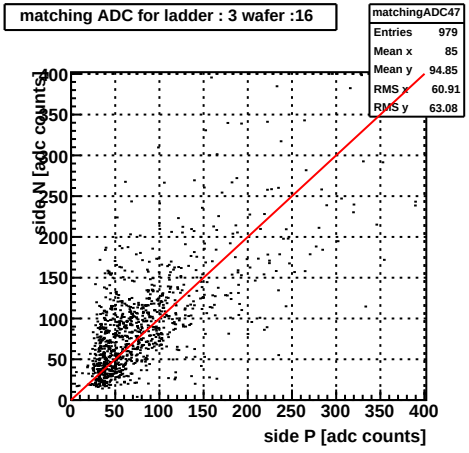

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 883
Mean x 75.91
Mean y 83.02
RMS x 56.39
RMS y 61.66
side N [adc counts]
side P [adc counts]

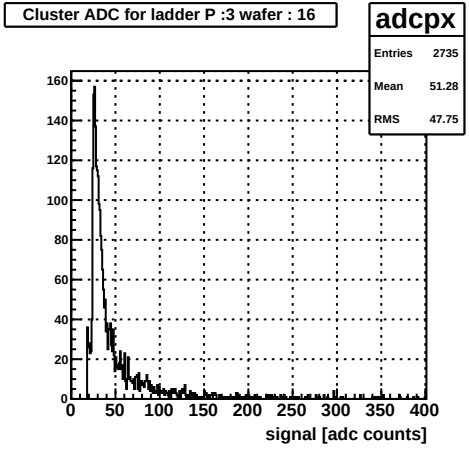

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1568
Mean 64.19
RMS 55.97
signal [adc counts]

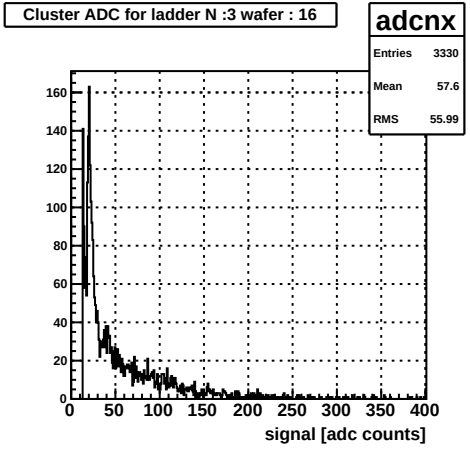

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3213
Mean 46.92
RMS 50.53
signal [adc counts]

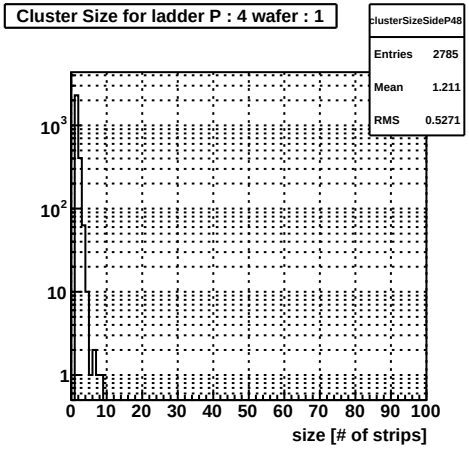

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2735
Mean 1.139
RMS 0.4272
size [# of strips]

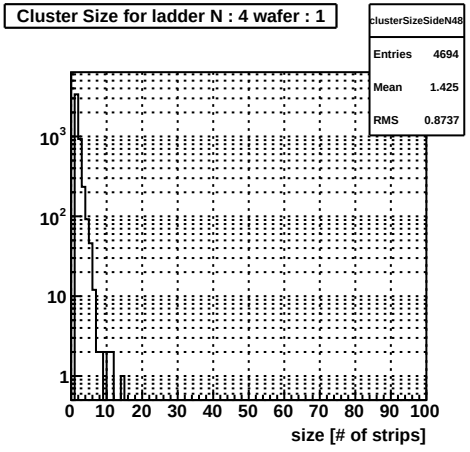

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3330
Mean 1.416
RMS 0.7131
size [# of strips]

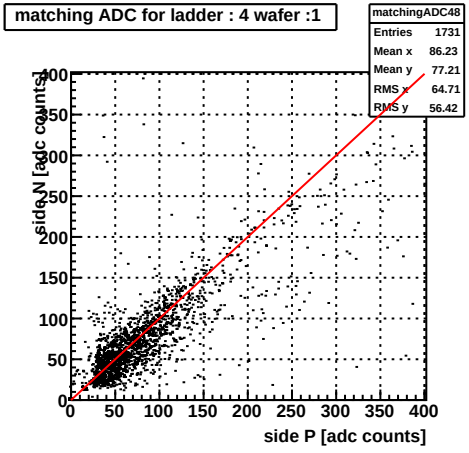

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 979
Mean x 85
Mean y 94.85
RMS x 60.91
RMS y 63.08
side N [adc counts]
side P [adc counts]

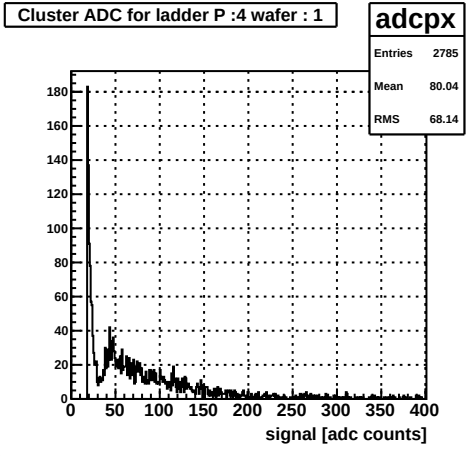

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2735
Mean 51.28
RMS 47.75
signal [adc counts]

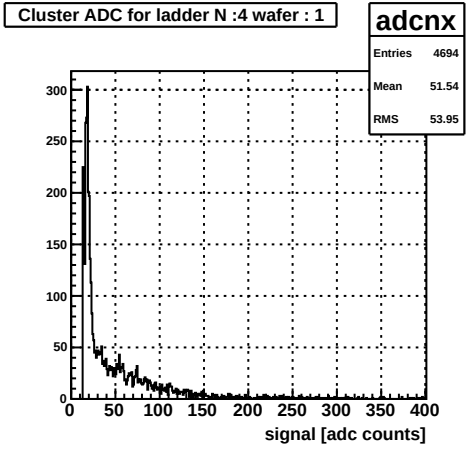

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3330
Mean 57.6
RMS 55.99
signal [adc counts]

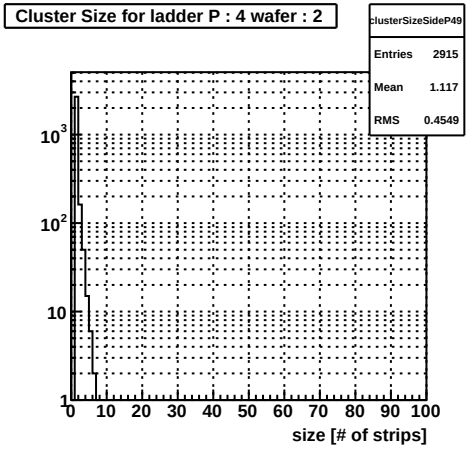

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2785
Mean 1.211
RMS 0.5271
size [# of strips]

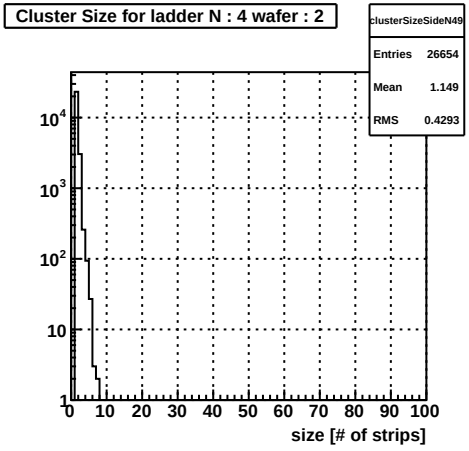

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4694
Mean 1.425
RMS 0.8737
size [# of strips]

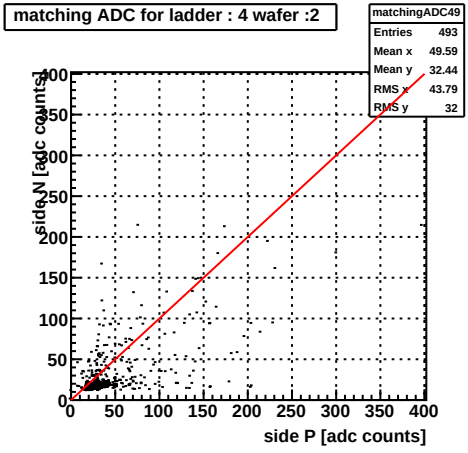

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1731
Mean x 86.23
Mean y 77.21
RMS x 64.71
RMS y 56.42
side N [adc counts]
side P [adc counts]

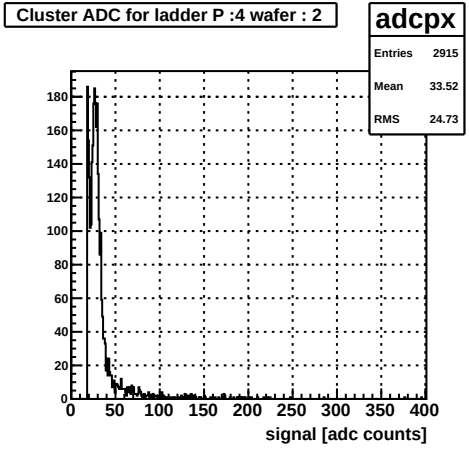

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2785
Mean 80.04
RMS 68.14
signal [adc counts]

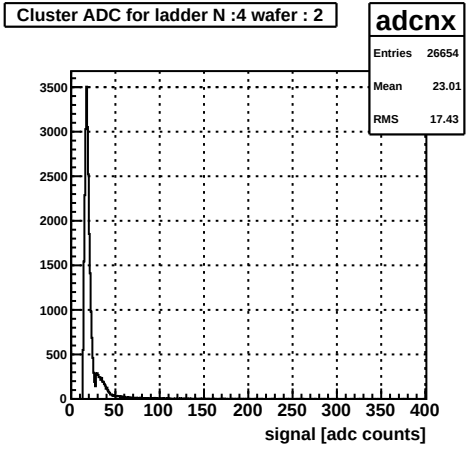

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4694
Mean 51.54
RMS 53.95
signal [adc counts]

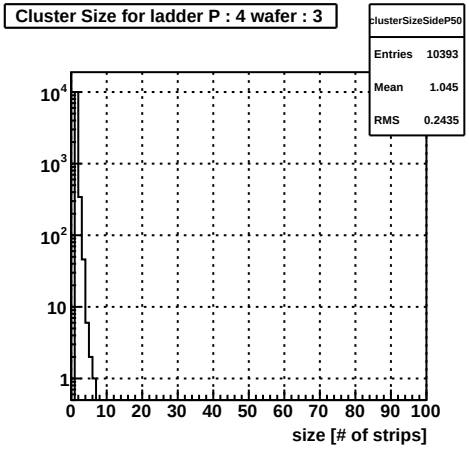

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2915
Mean 1.117
RMS 0.4549
size [# of strips]

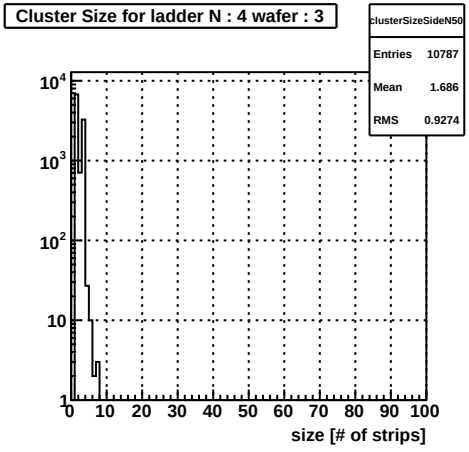

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26654
Mean 1.149
RMS 0.4293
size [# of strips]

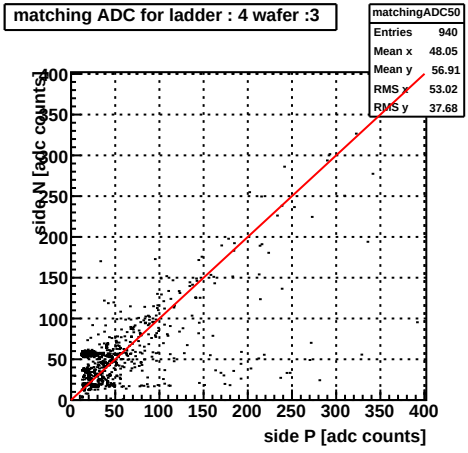

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 493
Mean x 49.59
Mean y 32.44
RMS x 43.79
RMS y 32
side N [adc counts]
side P [adc counts]

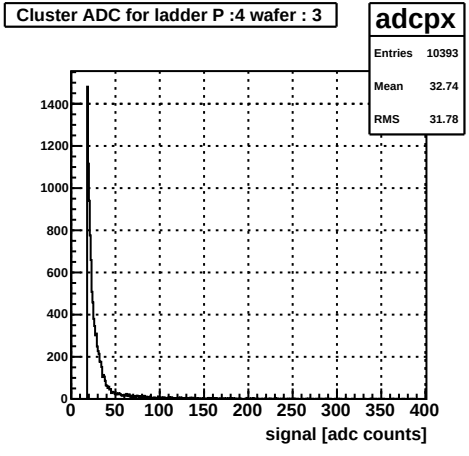

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2915
Mean 33.52
RMS 24.73
signal [adc counts]

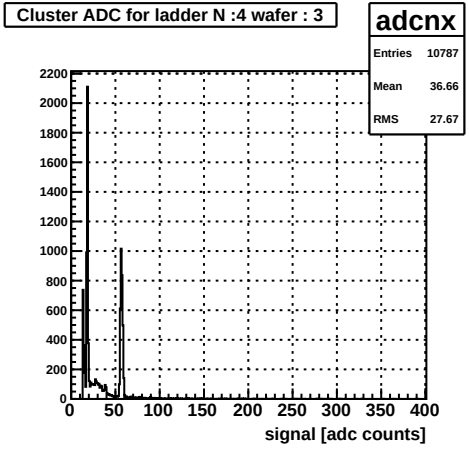

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26654
Mean 23.01
RMS 17.43
signal [adc counts]

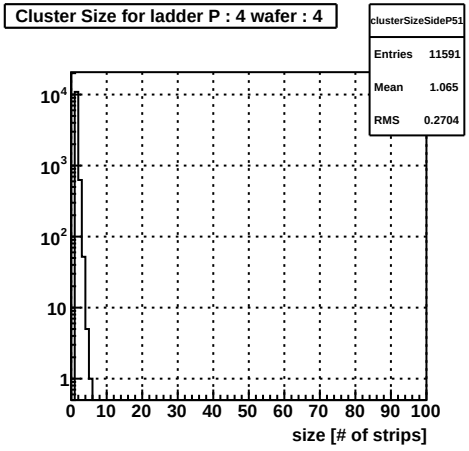

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10393
Mean 1.045
RMS 0.2435
size [# of strips]

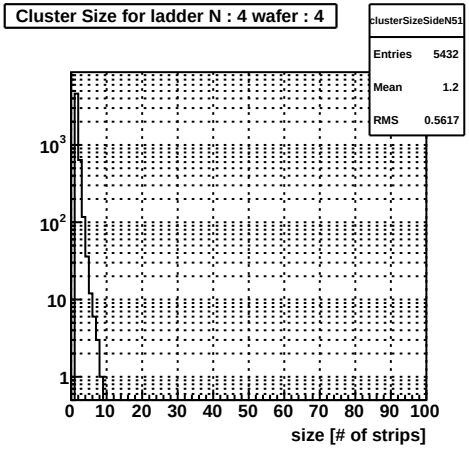

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 10787
Mean 1.686
RMS 0.9274
size [# of strips]

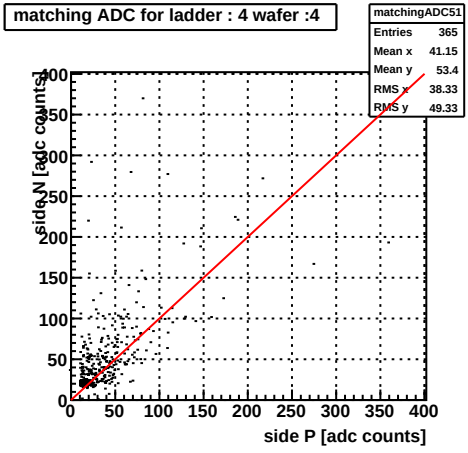

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 940
Mean x 48.05
Mean y 56.91
RMS x 53.02
RMS y 37.68
side N [adc counts]
side P [adc counts]

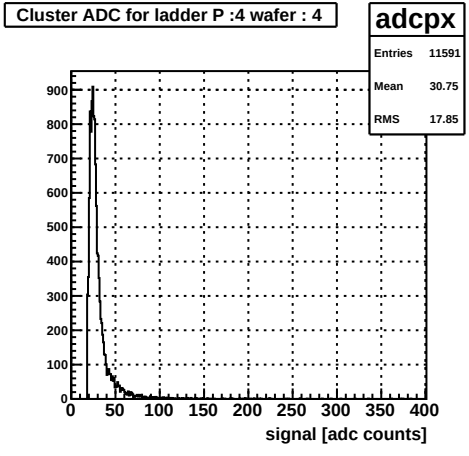

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10393
Mean 32.74
RMS 31.78
signal [adc counts]

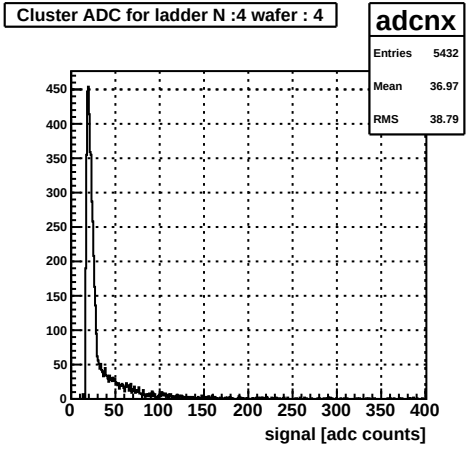

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 10787
Mean 36.66
RMS 27.67
signal [adc counts]

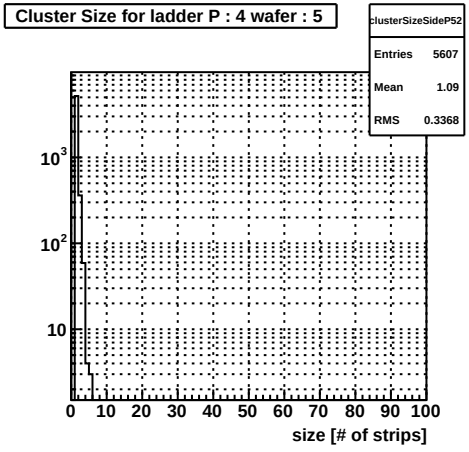

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11591
Mean 1.065
RMS 0.2704
size [# of strips]

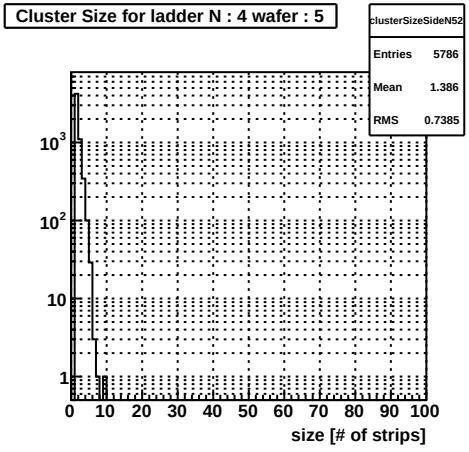

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5432
Mean 1.2
RMS 0.5617
size [# of strips]

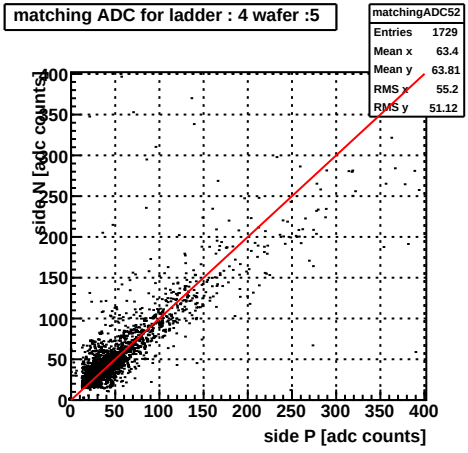

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 365
Mean x 41.15
Mean y 53.4
RMS x 38.33
RMS y 49.33
side N [adc counts]
side P [adc counts]

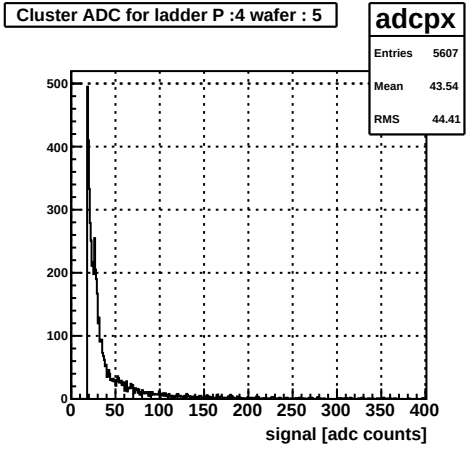

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11591
Mean 30.75
RMS 17.85
signal [adc counts]

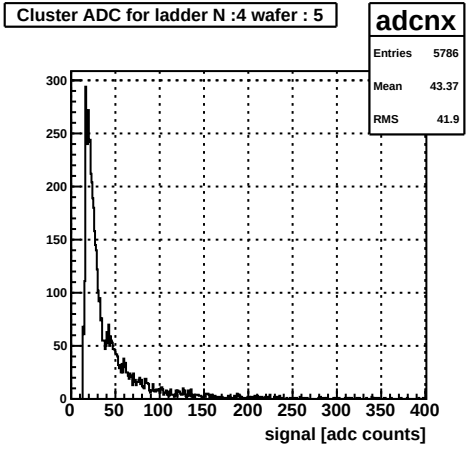

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5432
Mean 36.97
RMS 38.79
signal [adc counts]

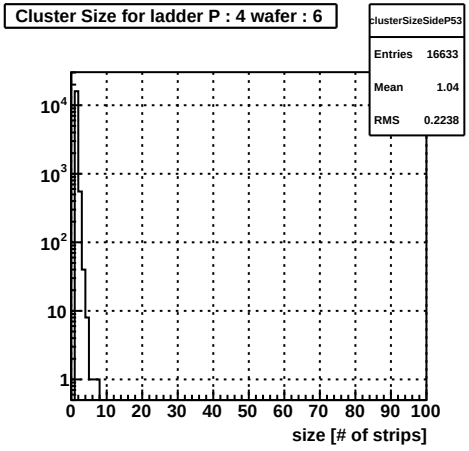

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5607
Mean 1.09
RMS 0.3368
size [# of strips]

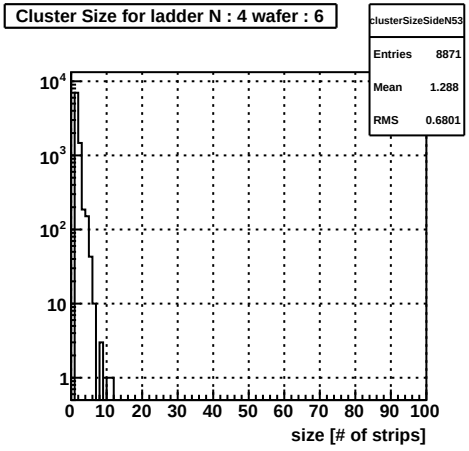

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5786
Mean 1.386
RMS 0.7385
size [# of strips]

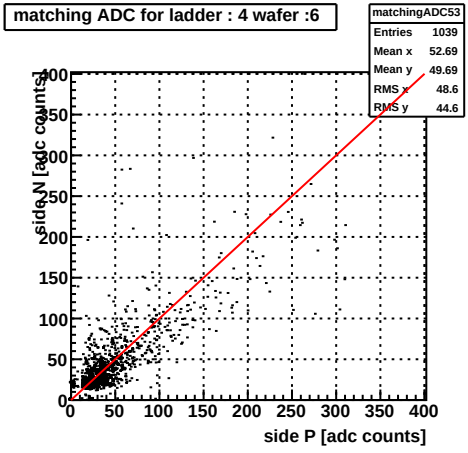

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1729
Mean x 63.4
Mean y 63.81
RMS x 55.2
RMS y 51.12
side N [adc counts]
side P [adc counts]

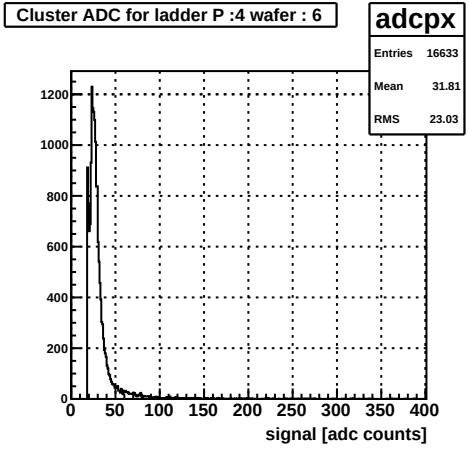

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5607
Mean 43.54
RMS 44.41
signal [adc counts]

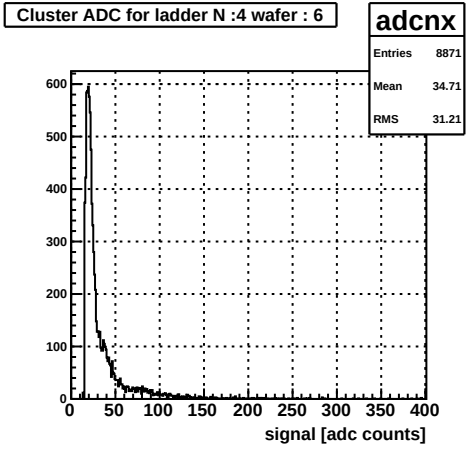

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5786
Mean 43.37
RMS 41.9
signal [adc counts]

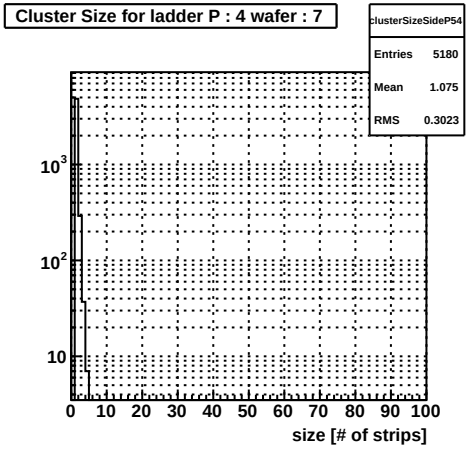

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 16633
Mean 1.04
RMS 0.2238
size [# of strips]

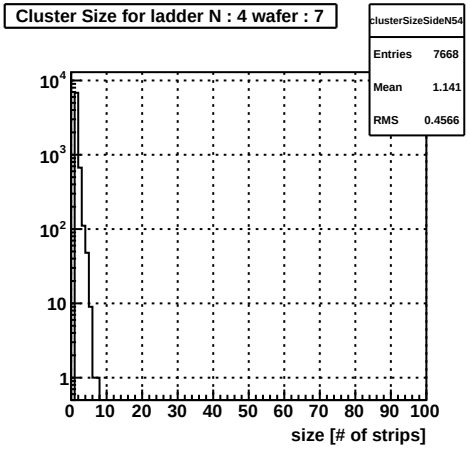

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8871
Mean 1.288
RMS 0.6801
size [# of strips]

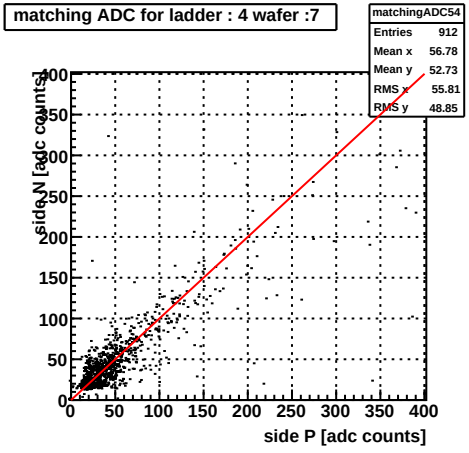

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1039
Mean x 52.69
Mean y 49.69
RMS x 48.6
RMS y 44.6
side N [adc counts]
side P [adc counts]

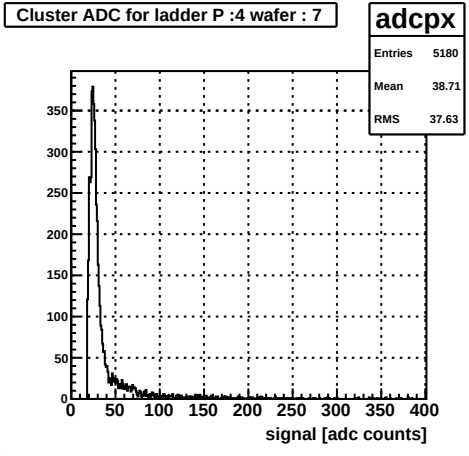

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 16633
Mean 31.81
RMS 23.03
signal [adc counts]

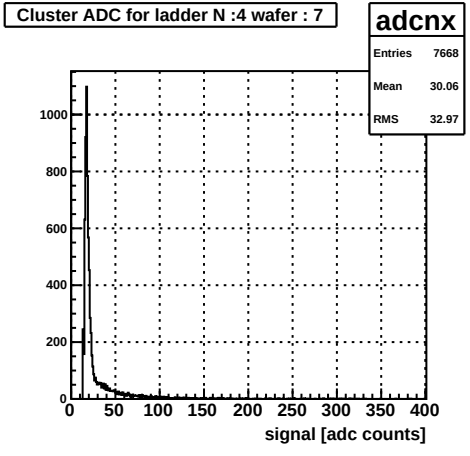

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8871
Mean 34.71
RMS 31.21
signal [adc counts]

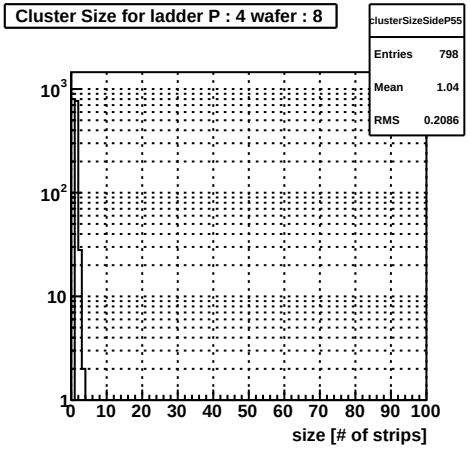

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5180
Mean 1.075
RMS 0.3023
size [# of strips]

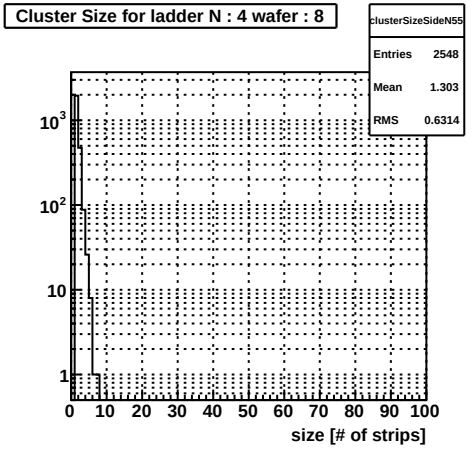

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7668
Mean 1.141
RMS 0.4566
size [# of strips]

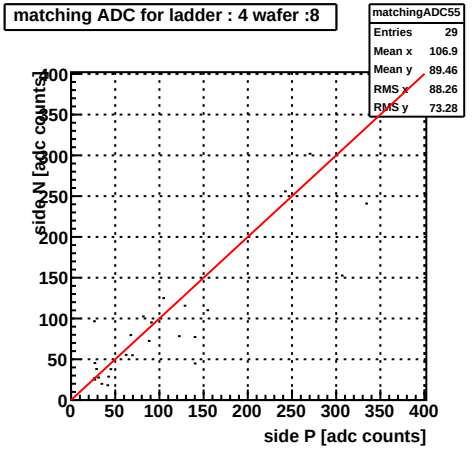

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 912
Mean x 56.78
Mean y 52.73
RMS x 55.81
RMS y 48.85
side N [adc counts]
side P [adc counts]

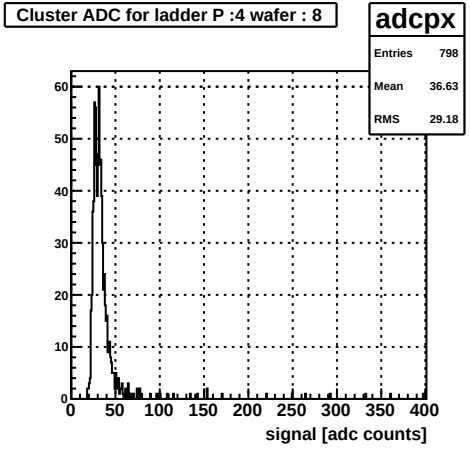

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5180
Mean 38.71
RMS 37.63
signal [adc counts]

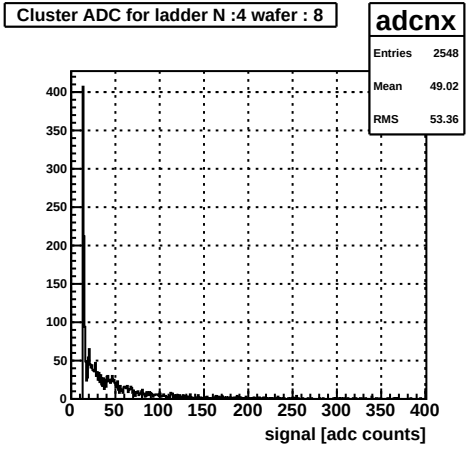

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7668
Mean 30.06
RMS 32.97
signal [adc counts]

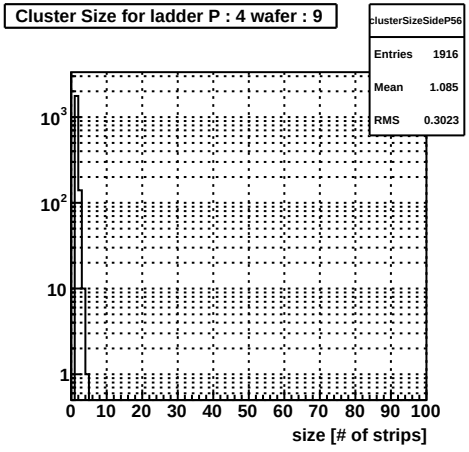

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 798
Mean 1.04
RMS 0.2086
size [# of strips]

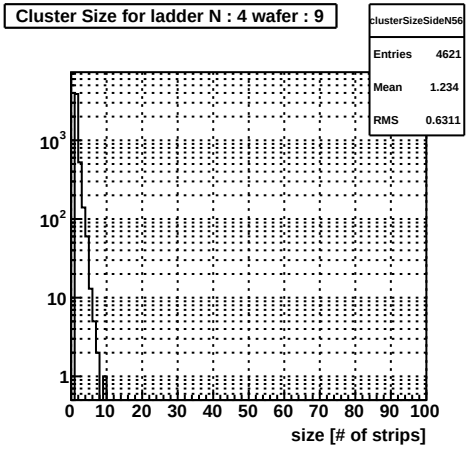

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2548
Mean 1.303
RMS 0.6314
size [# of strips]

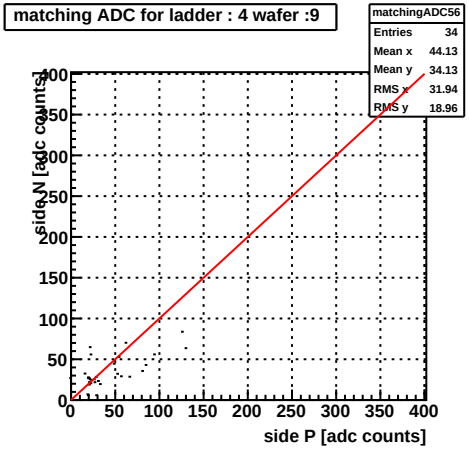

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 29
Mean x 106.9
Mean y 89.46
RMS x 88.26
RMS y 73.28
side N [adc counts]
side P [adc counts]

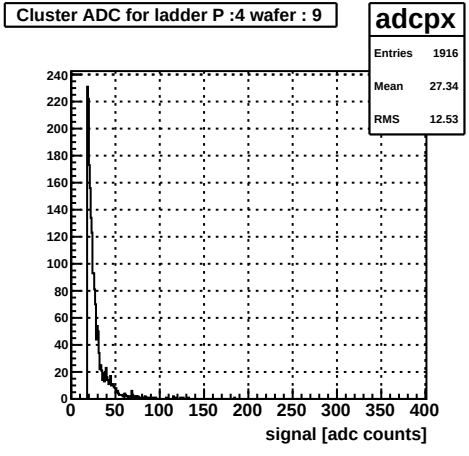

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 798
Mean 36.63
RMS 29.18
signal [adc counts]

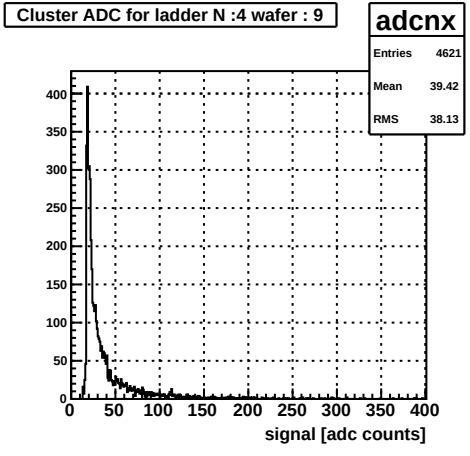

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2548
Mean 49.02
RMS 53.36
signal [adc counts]

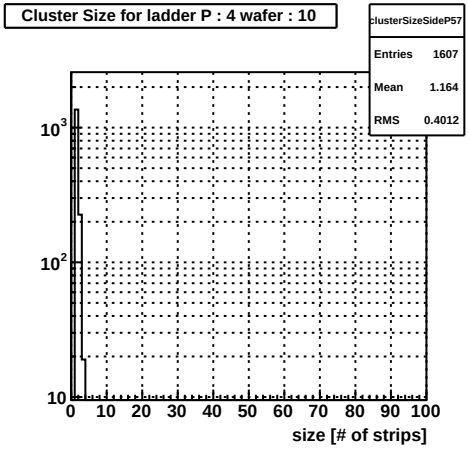

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1916
Mean 1.085
RMS 0.3023
size [# of strips]

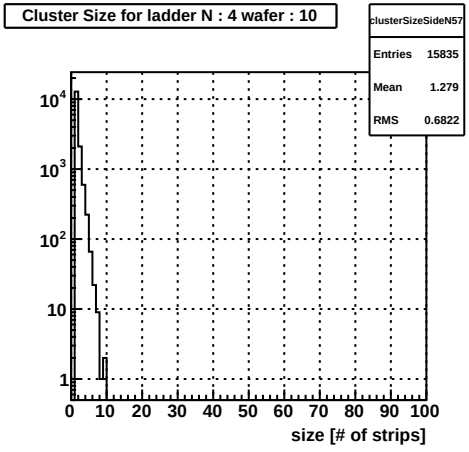

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4621
Mean 1.234
RMS 0.6311
size [# of strips]

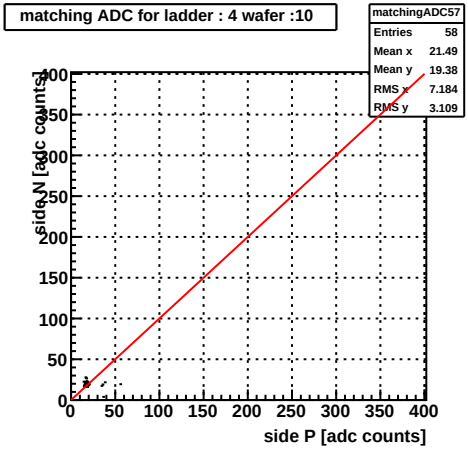

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 34
Mean x 44.13
Mean y 34.13
RMS x 31.94
RMS y 18.96
side N [adc counts]
side P [adc counts]

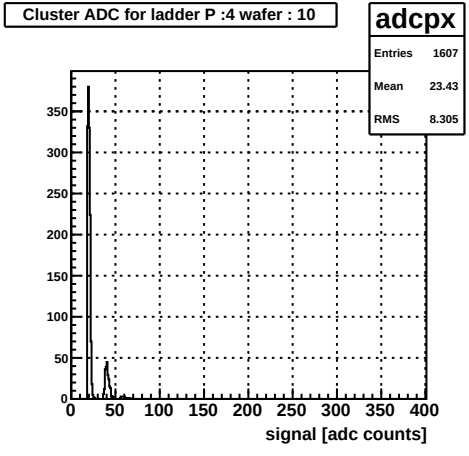

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1916
Mean 27.34
RMS 12.53
signal [adc counts]

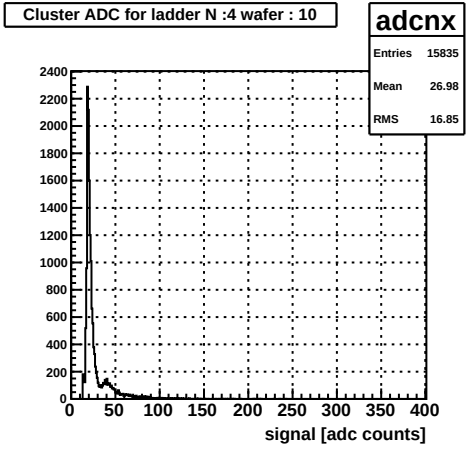

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4621
Mean 39.42
RMS 38.13
signal [adc counts]

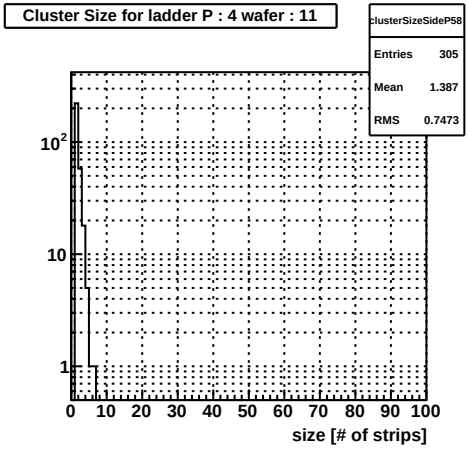

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1607
Mean 1.164
RMS 0.4012
size [# of strips]

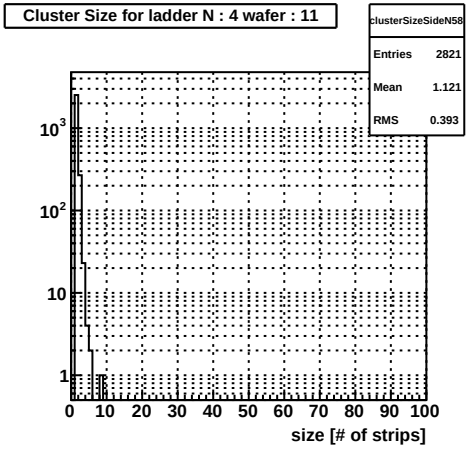

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 15835
Mean 1.279
RMS 0.6822
size [# of strips]

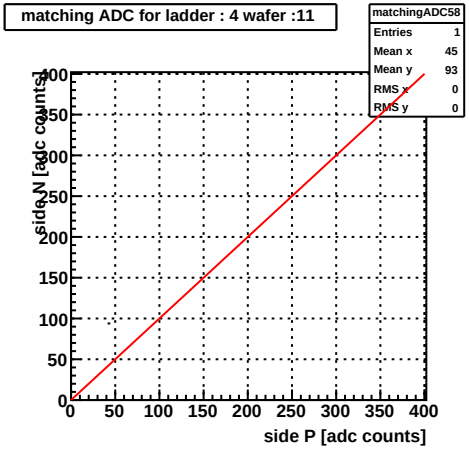

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 58
Mean x 21.49
Mean y 19.38
RMS x 7.184
RMS y 3.109
side N [adc counts]
side P [adc counts]

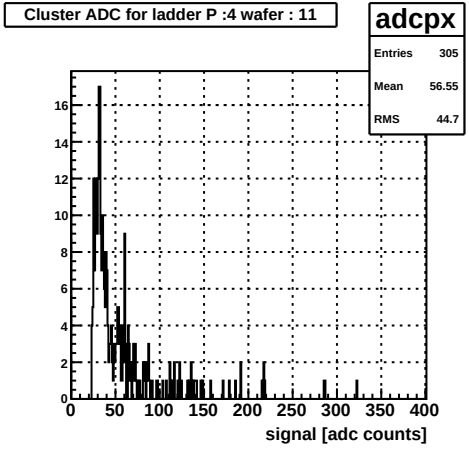

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1607
Mean 23.43
RMS 8.305
signal [adc counts]

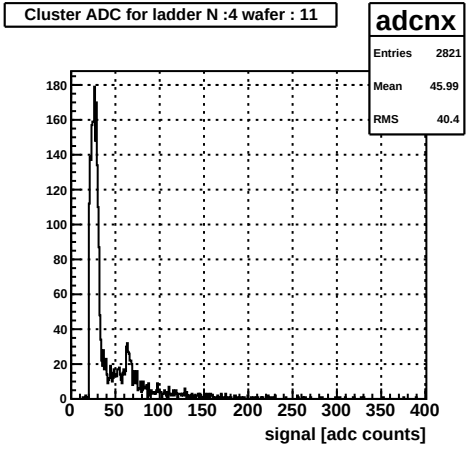

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 15835
Mean 26.98
RMS 16.85
signal [adc counts]

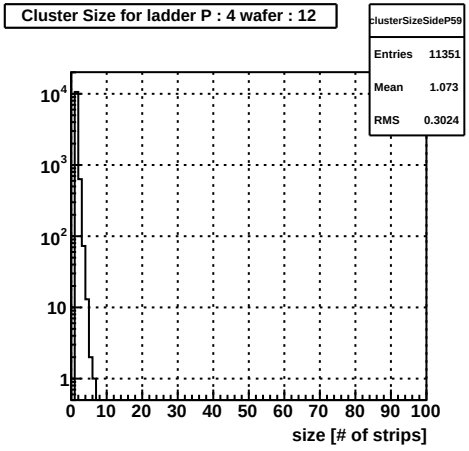

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 305
Mean 1.387
RMS 0.7473
size [# of strips]

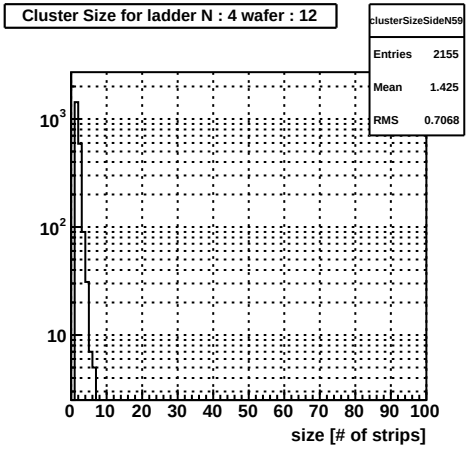

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2821
Mean 1.121
RMS 0.393
size [# of strips]

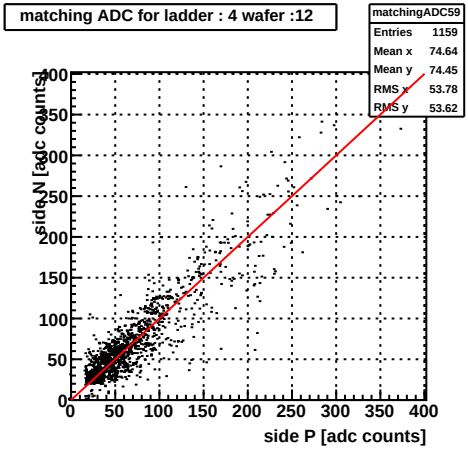

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 1
Mean x 45
Mean y 93
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

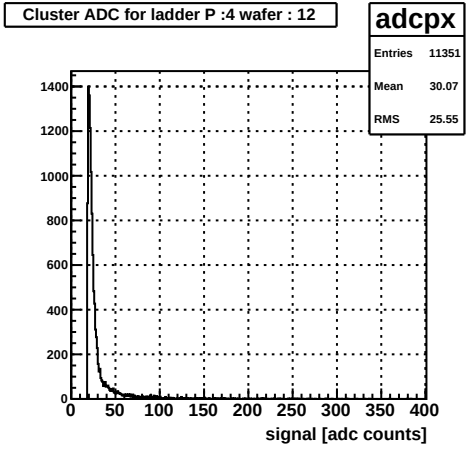

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 305
Mean 56.55
RMS 44.7
signal [adc counts]

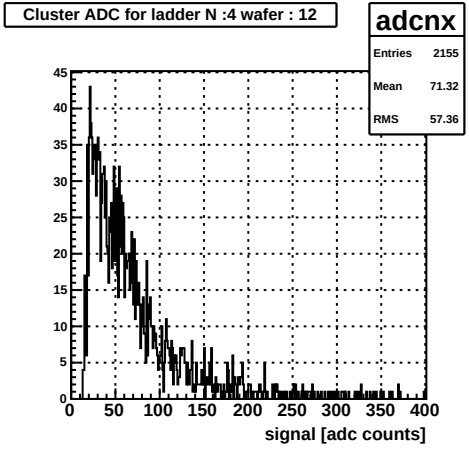

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2821
Mean 45.99
RMS 40.4
signal [adc counts]

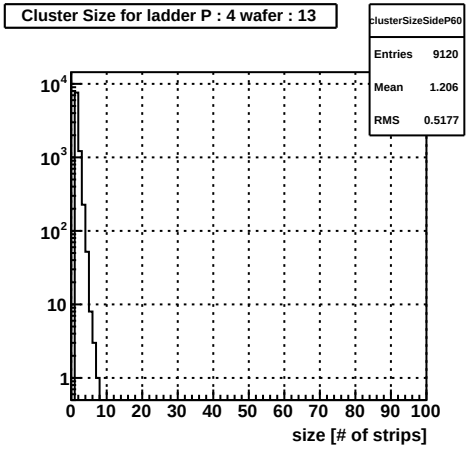

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 11351
Mean 1.073
RMS 0.3024
size [# of strips]

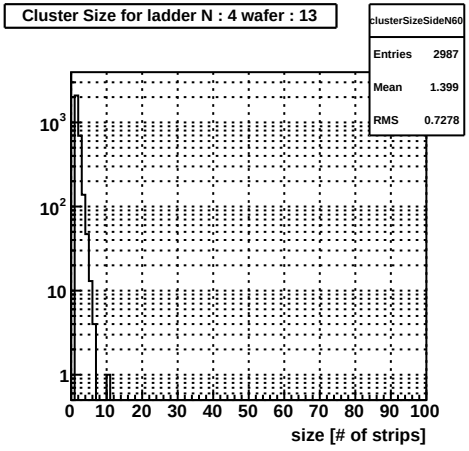

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2155
Mean 1.425
RMS 0.7068
size [# of strips]

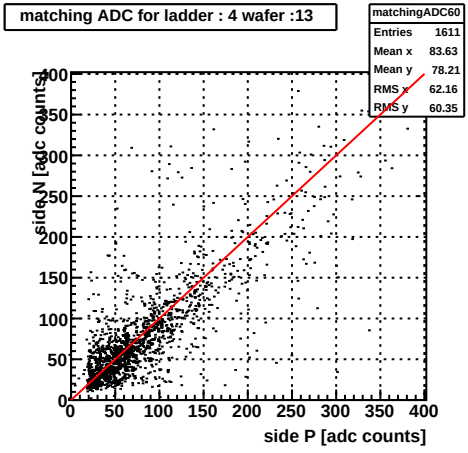

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1159
Mean x 74.64
Mean y 74.45
RMS x 53.78
RMS y 53.62
side N [adc counts]
side P [adc counts]

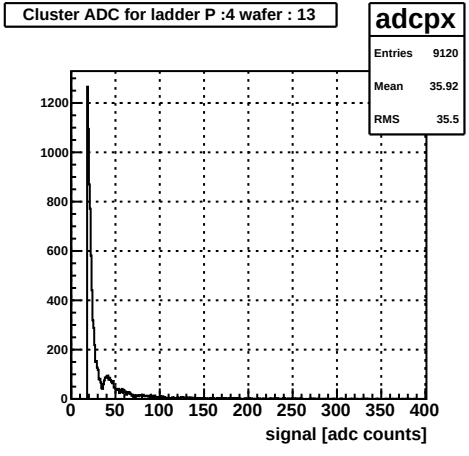

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 11351
Mean 30.07
RMS 25.55
signal [adc counts]

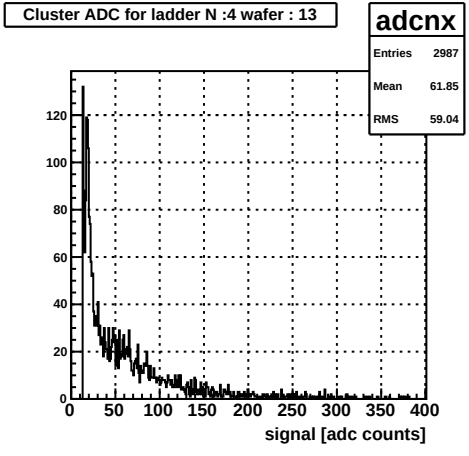

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2155
Mean 71.32
RMS 57.36
signal [adc counts]

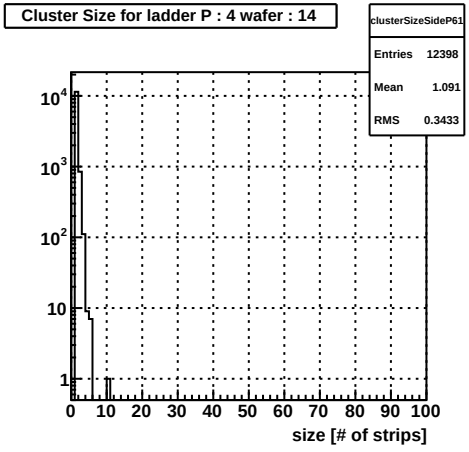

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9120
Mean 1.206
RMS 0.5177
size [# of strips]

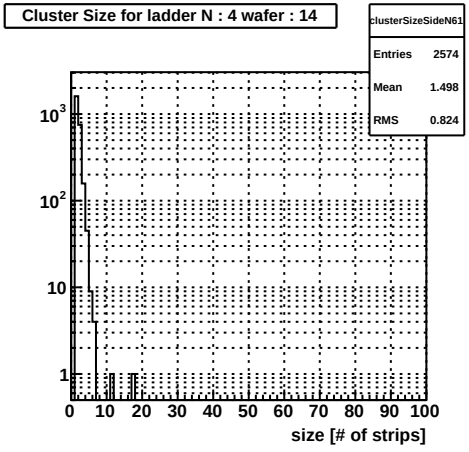

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2987
Mean 1.399
RMS 0.7278
size [# of strips]

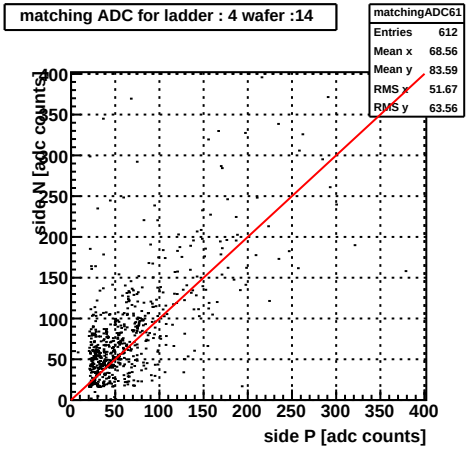

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1611
Mean x 83.63
Mean y 78.21
RMS x 62.16
RMS y 60.35
side N [adc counts]
side P [adc counts]

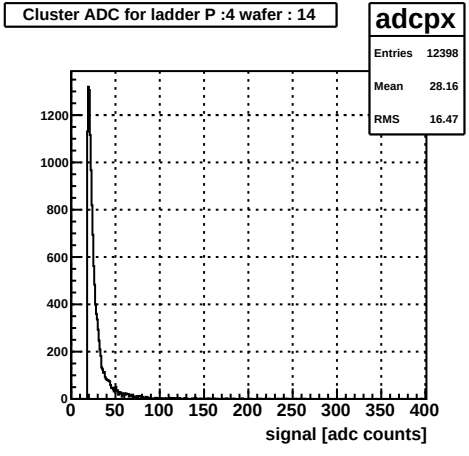

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9120
Mean 35.92
RMS 35.5
signal [adc counts]

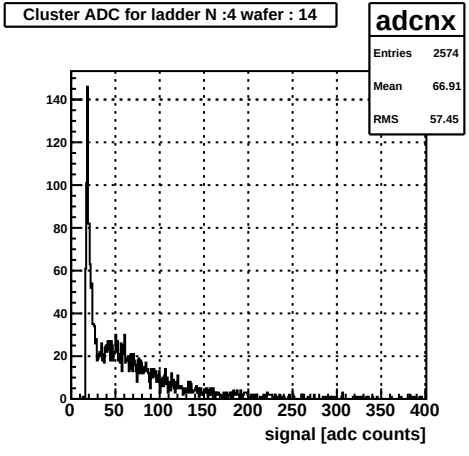

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2987
Mean 61.85
RMS 59.04
signal [adc counts]

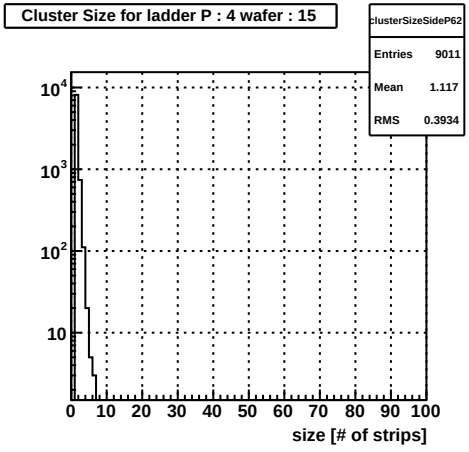

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12398
Mean 1.091
RMS 0.3433
size [# of strips]

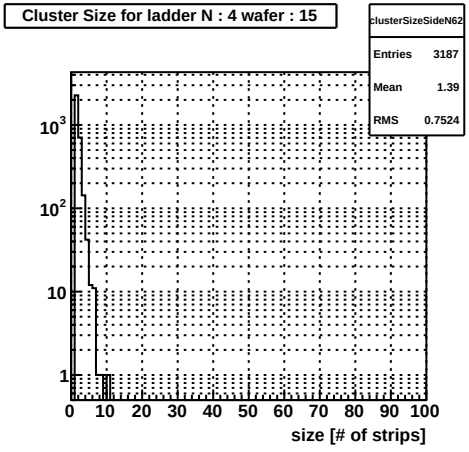

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2574
Mean 1.498
RMS 0.824
size [# of strips]

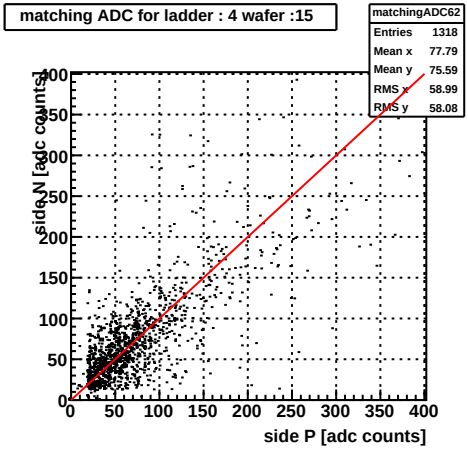

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 612
Mean x 68.56
Mean y 83.59
RMS x 51.67
RMS y 63.56
side N [adc counts]
side P [adc counts]

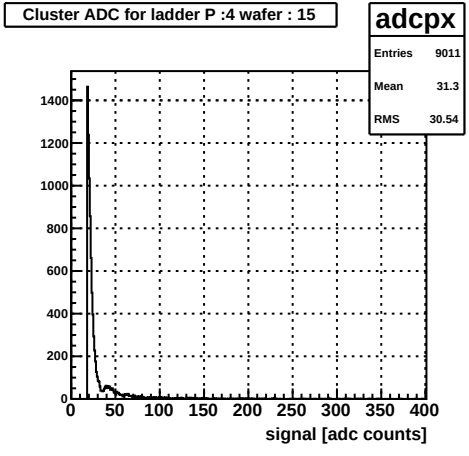

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12398
Mean 28.16
RMS 16.47
signal [adc counts]

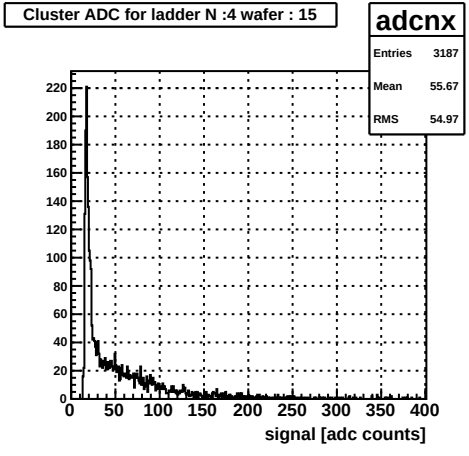

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2574
Mean 66.91
RMS 57.45
signal [adc counts]

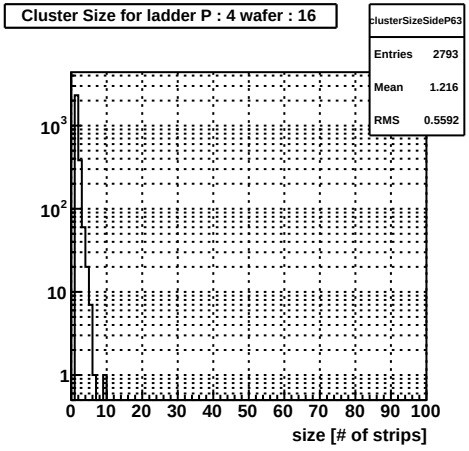

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 9011
Mean 1.117
RMS 0.3934
size [# of strips]

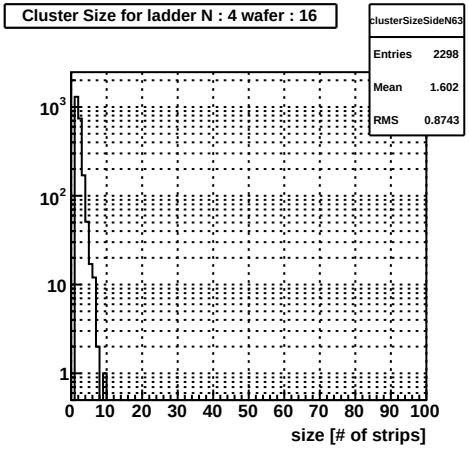

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3187
Mean 1.39
RMS 0.7524
size [# of strips]

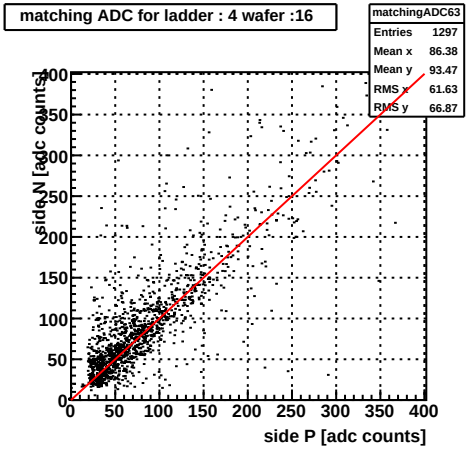

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1318
Mean x 77.79
Mean y 75.59
RMS x 58.99
RMS y 58.08
side N [adc counts]
side P [adc counts]

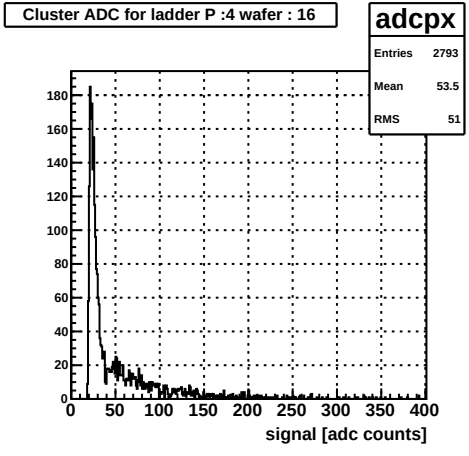

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 9011
Mean 31.3
RMS 30.54
signal [adc counts]

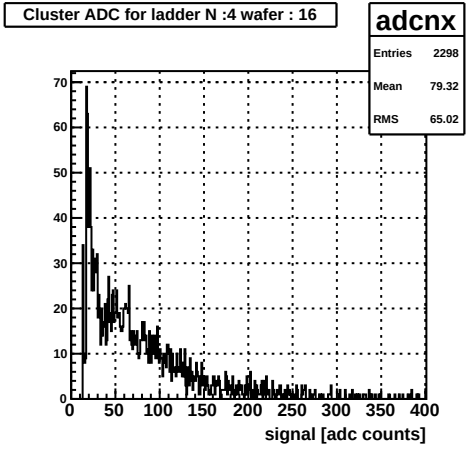

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3187
Mean 55.67
RMS 54.97
signal [adc counts]

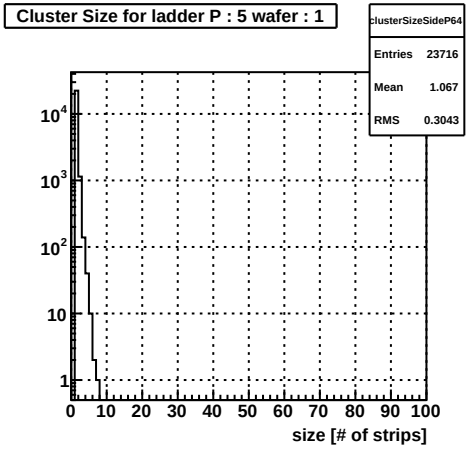

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2793
Mean 1.216
RMS 0.5592
size [# of strips]

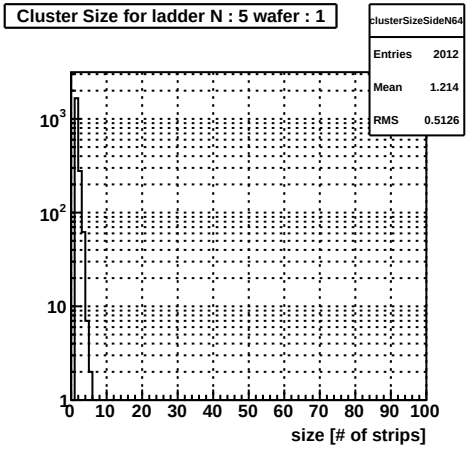

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2298
Mean 1.602
RMS 0.8743
size [# of strips]

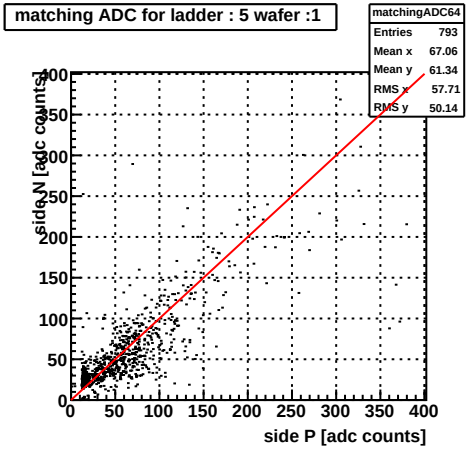

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1297
Mean x 86.38
Mean y 93.47
RMS x 61.63
RMS y 66.87
side N [adc counts]
side P [adc counts]

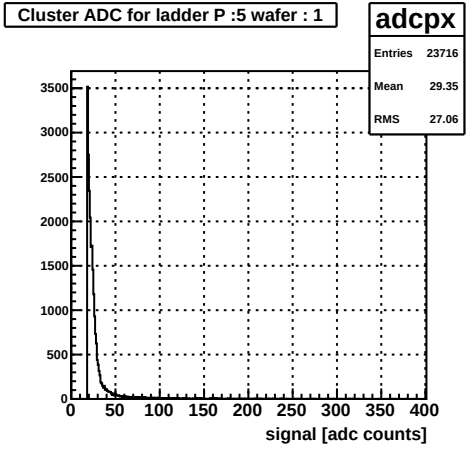

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2793
Mean 53.5
RMS 51
signal [adc counts]

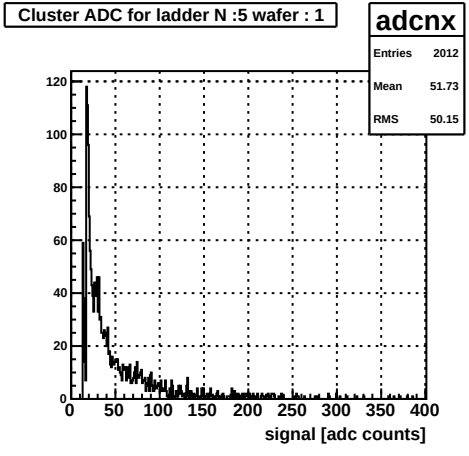

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2298
Mean 79.32
RMS 65.02
signal [adc counts]

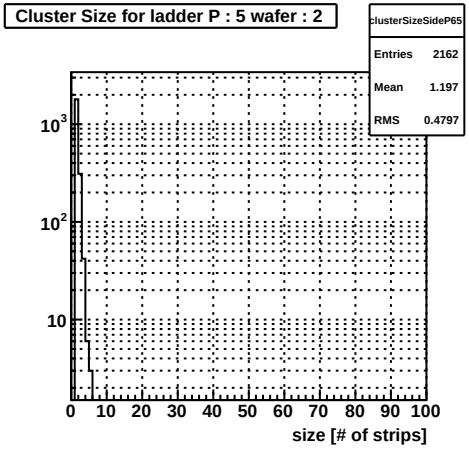

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 23716
Mean 1.067
RMS 0.3043
size [# of strips]

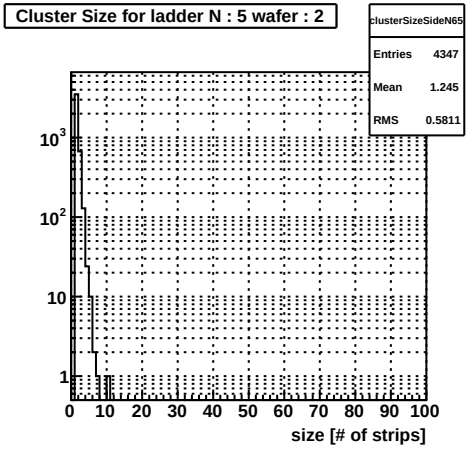

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2012
Mean 1.214
RMS 0.5126
size [# of strips]

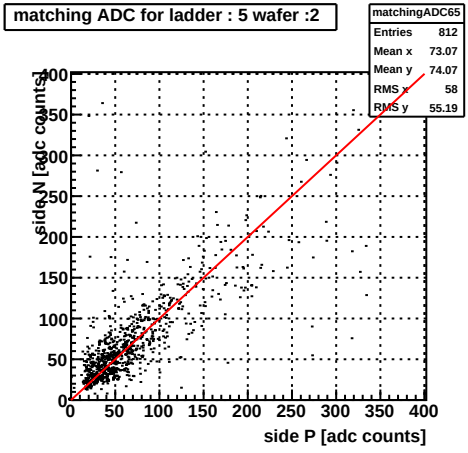

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 793
Mean x 67.06
Mean y 61.34
RMS x 57.71
RMS y 50.14
side N [adc counts]
side P [adc counts]

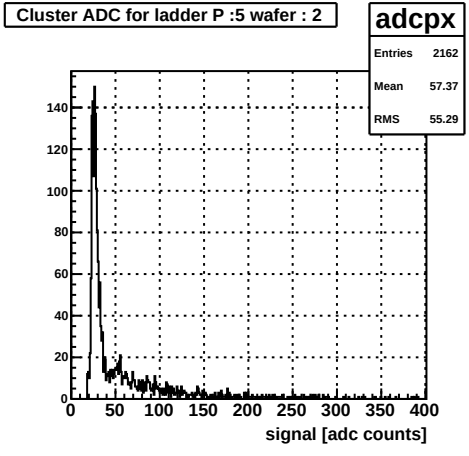

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 23716
Mean 29.35
RMS 27.06
signal [adc counts]

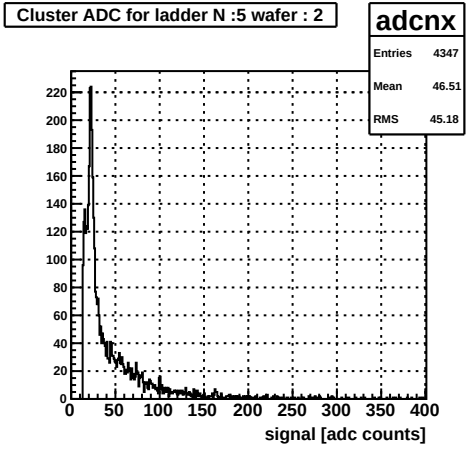

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2012
Mean 51.73
RMS 50.15
signal [adc counts]

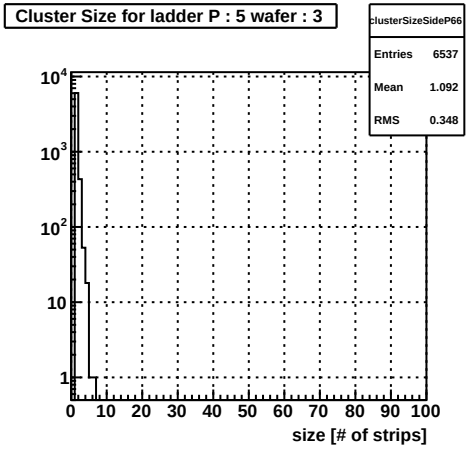

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2162
Mean 1.197
RMS 0.4797
size [# of strips]

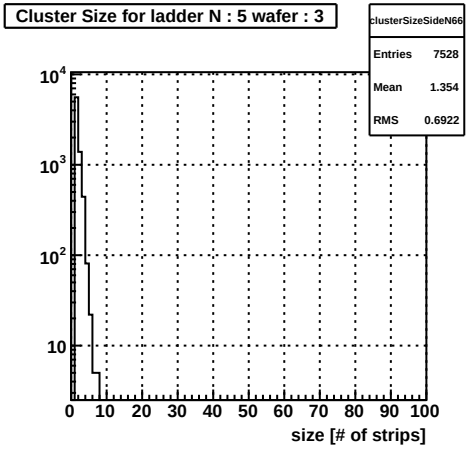

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4347
Mean 1.245
RMS 0.5811
size [# of strips]

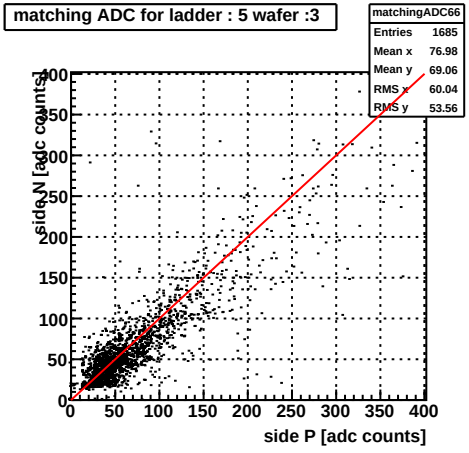

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 812
Mean x 73.07
Mean y 74.07
RMS x 58
RMS y 55.19
side N [adc counts]
side P [adc counts]

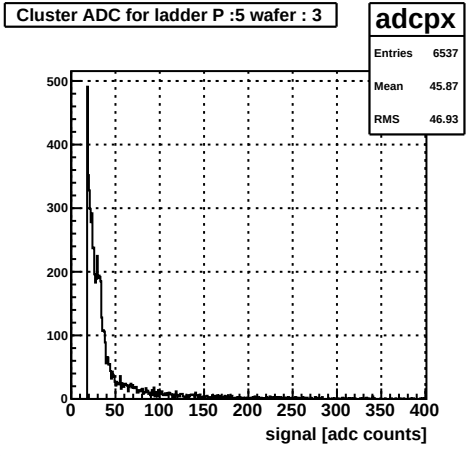

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2162
Mean 57.37
RMS 55.29
signal [adc counts]

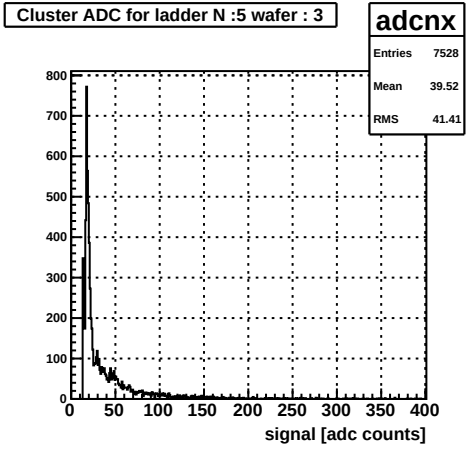

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4347
Mean 46.51
RMS 45.18
signal [adc counts]

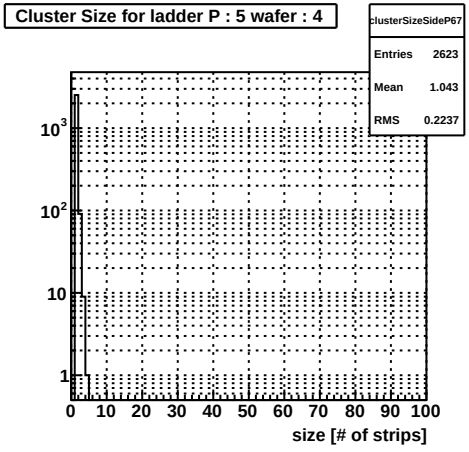

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6537
Mean 1.092
RMS 0.348
size [# of strips]

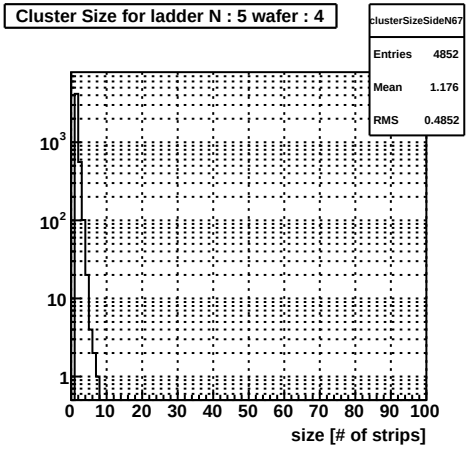

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7528
Mean 1.354
RMS 0.6922
size [# of strips]

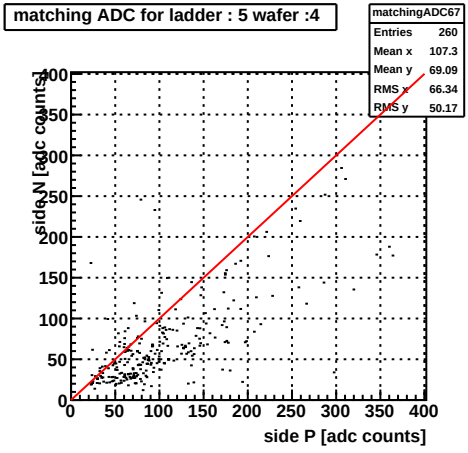

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1685
Mean x 76.98
Mean y 69.06
RMS x 60.04
RMS y 53.56
side N [adc counts]
side P [adc counts]

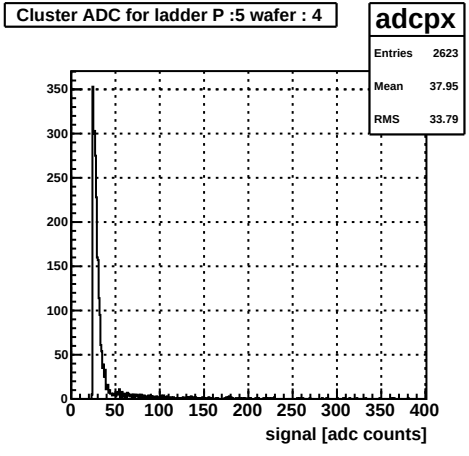

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6537
Mean 45.87
RMS 46.93
signal [adc counts]

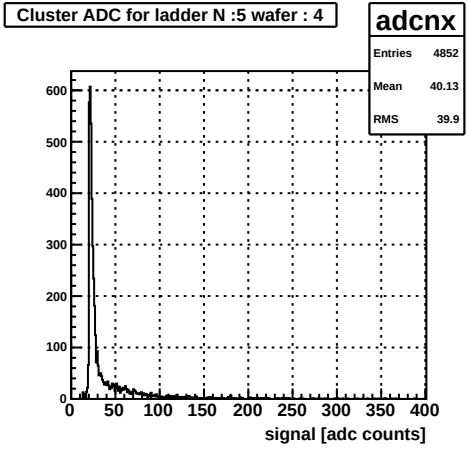

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7528
Mean 39.52
RMS 41.41
signal [adc counts]

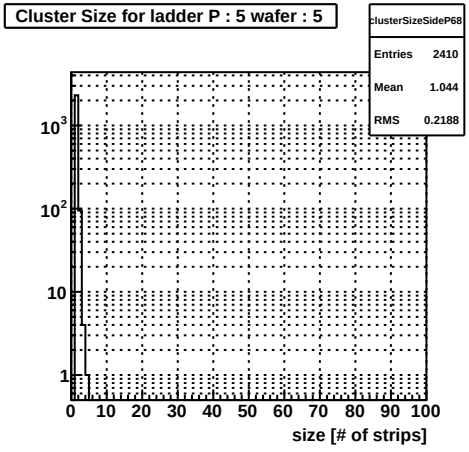

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2623
Mean 1.043
RMS 0.2237
size [# of strips]

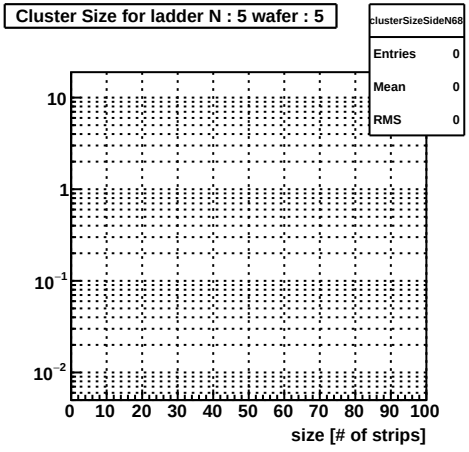

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 4852
Mean 1.176
RMS 0.4852
size [# of strips]

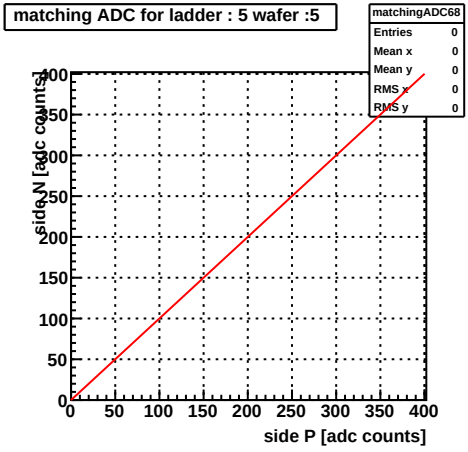

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 260
Mean x 107.3
Mean y 69.09
RMS x 66.34
RMS y 50.17
side N [adc counts]
side P [adc counts]

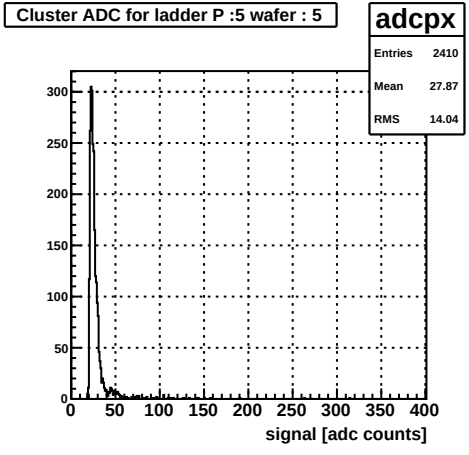

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2623
Mean 37.95
RMS 33.79
signal [adc counts]

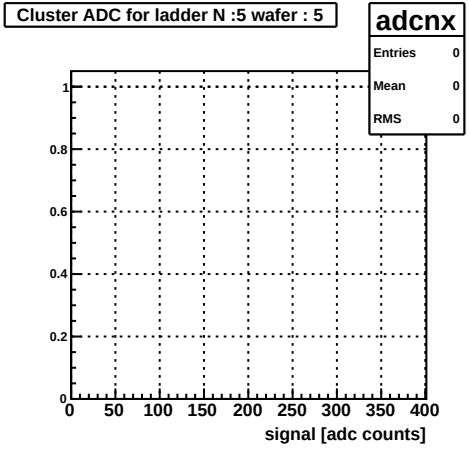

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 4852
Mean 40.13
RMS 39.9
signal [adc counts]

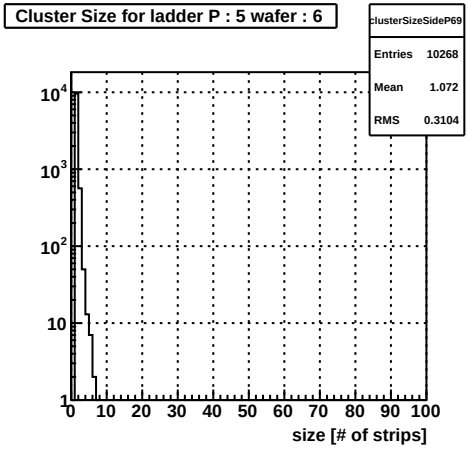

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2410
Mean 1.044
RMS 0.2188
size [# of strips]

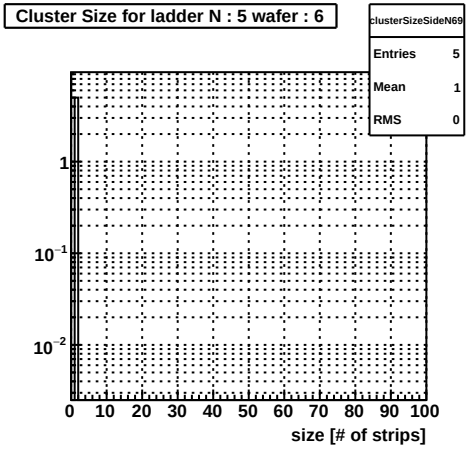

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

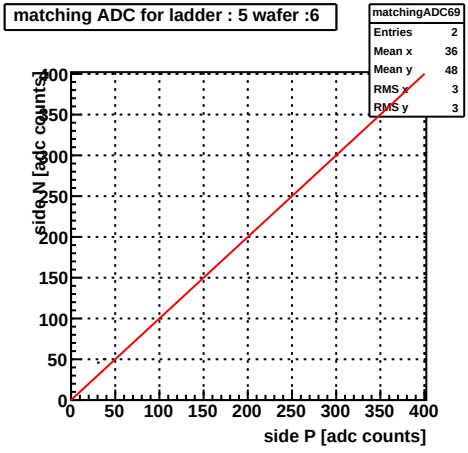

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

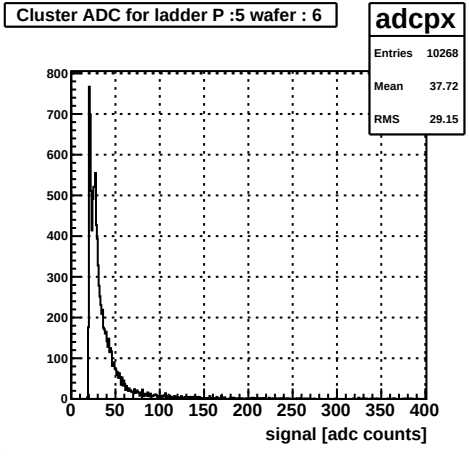

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2410
Mean 27.87
RMS 14.04
signal [adc counts]

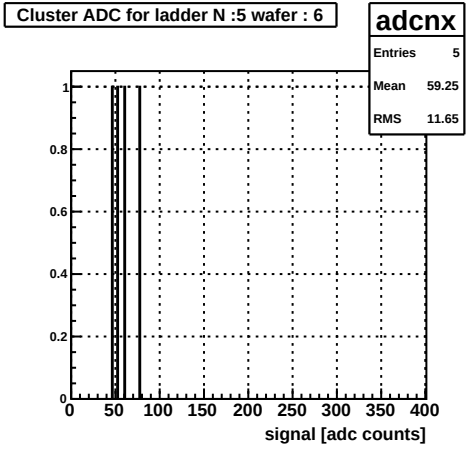

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

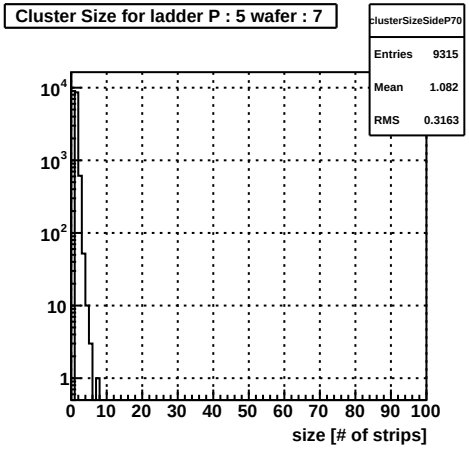

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10268
Mean 1.072
RMS 0.3104
size [# of strips]

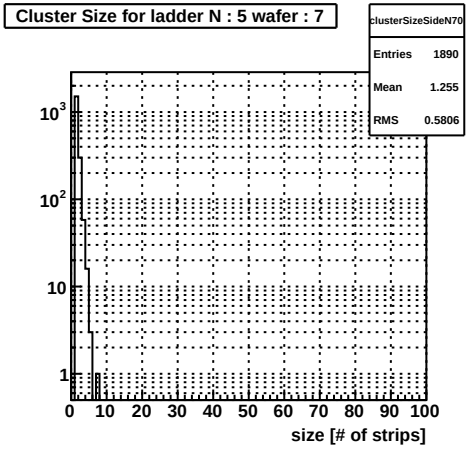

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 5
Mean 1
RMS 0
size [# of strips]

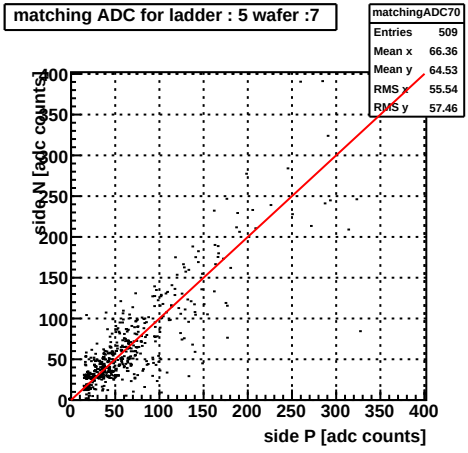

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 2
Mean x 36
Mean y 48
RMS x 3
RMS y 3
side N [adc counts]
side P [adc counts]

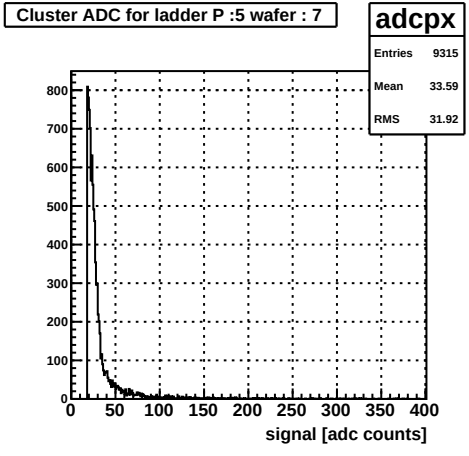

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10268
Mean 37.72
RMS 29.15
signal [adc counts]

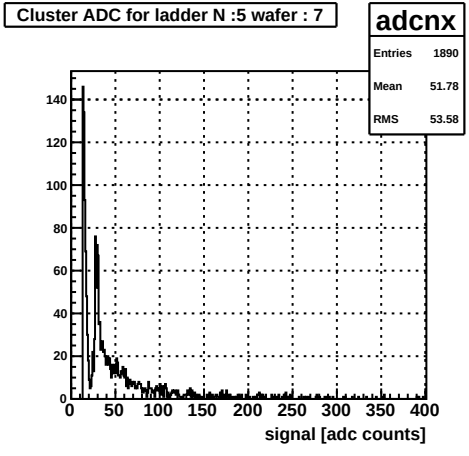

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 5
Mean 59.25
RMS 11.65
signal [adc counts]

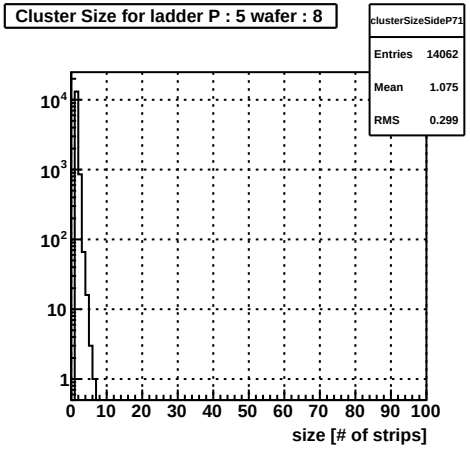

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9315
Mean 1.082
RMS 0.3163
size [# of strips]

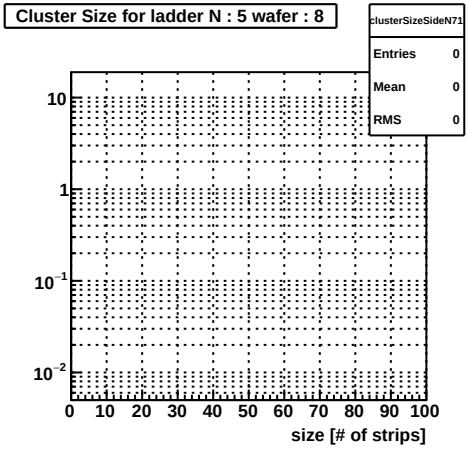

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1890
Mean 1.255
RMS 0.5806
size [# of strips]

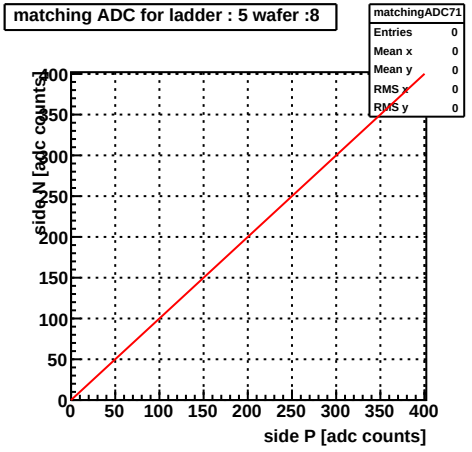

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 509
Mean x 66.36
Mean y 64.53
RMS x 55.54
RMS y 57.46
side N [adc counts]
side P [adc counts]

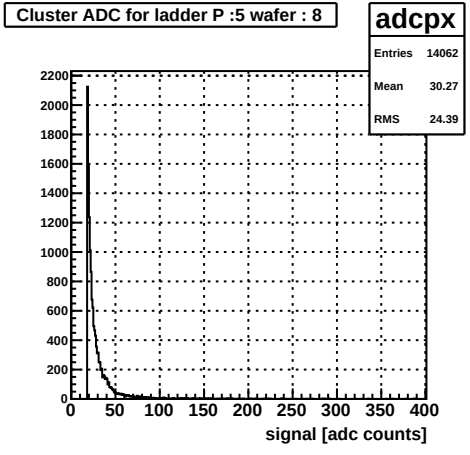

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9315
Mean 33.59
RMS 31.92
signal [adc counts]

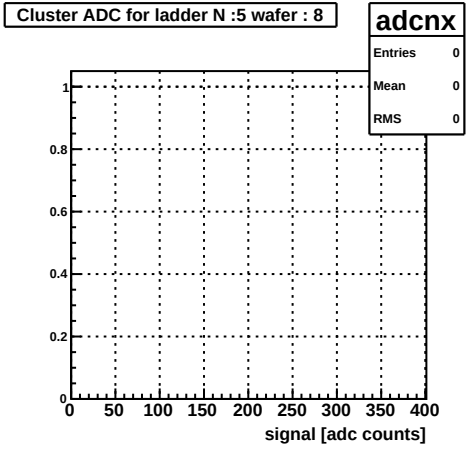

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1890
Mean 51.78
RMS 53.58
signal [adc counts]

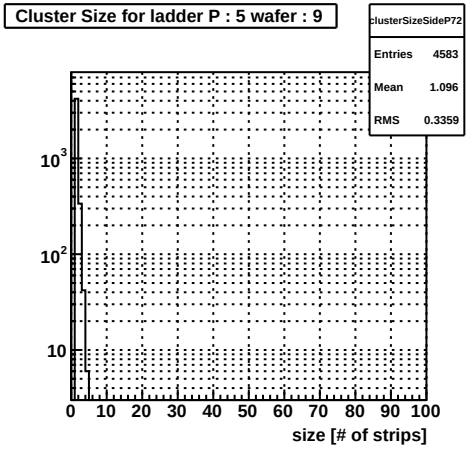

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 14062
Mean 1.075
RMS 0.299
size [# of strips]

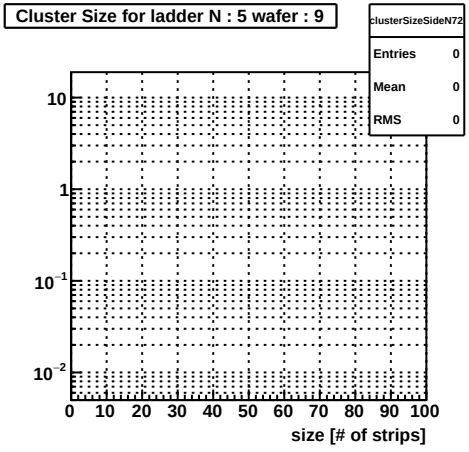

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

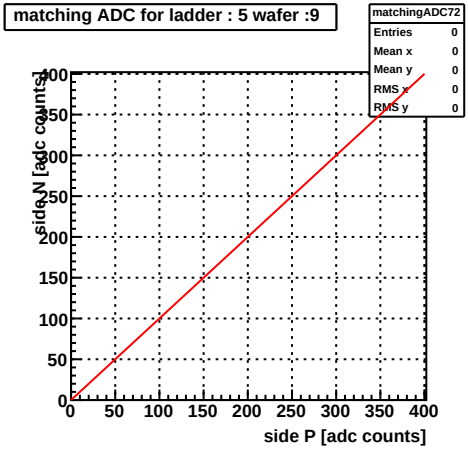

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

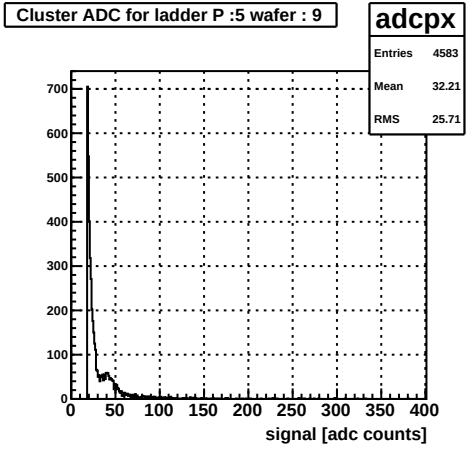

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 14062
Mean 30.27
RMS 24.39
signal [adc counts]

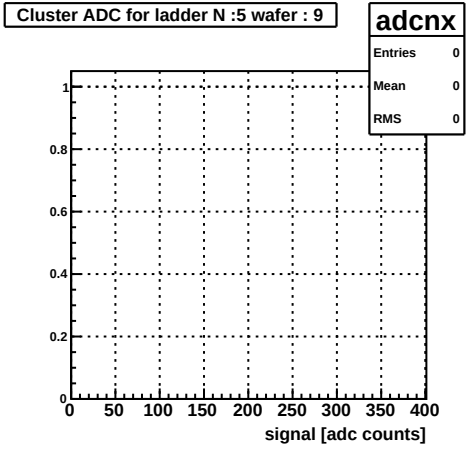

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

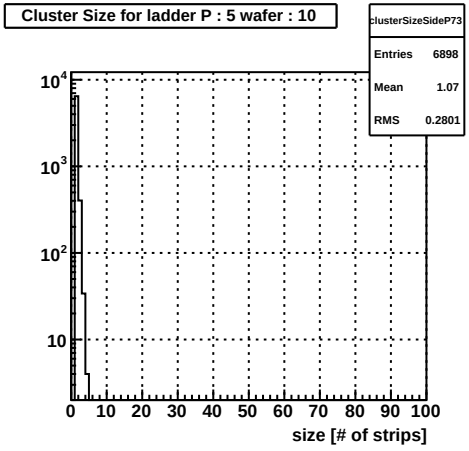

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4583
Mean 1.096
RMS 0.3359
size [# of strips]

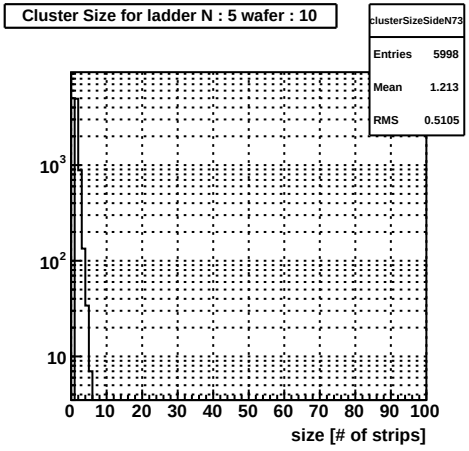

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

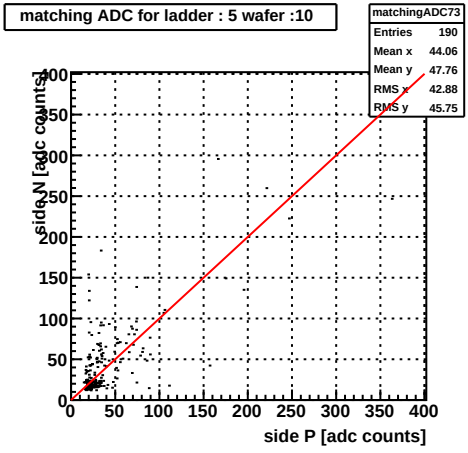

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

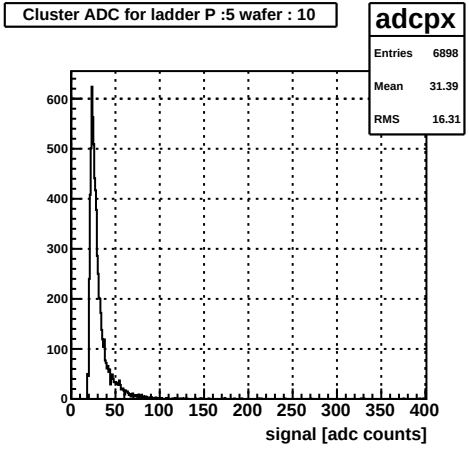

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4583
Mean 32.21
RMS 25.71
signal [adc counts]

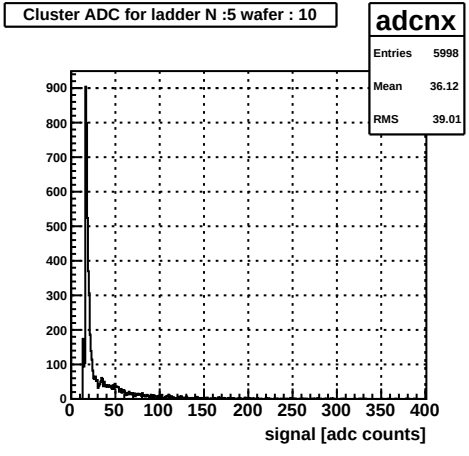

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

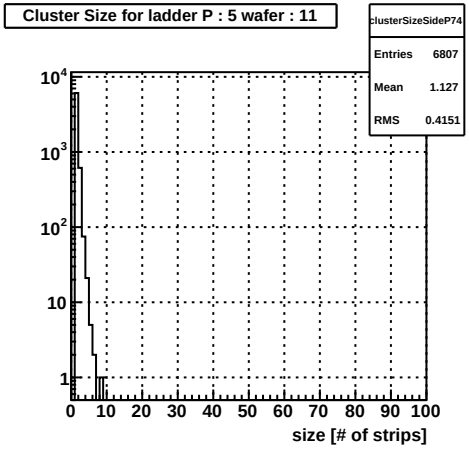

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6898
Mean 1.07
RMS 0.2801
size [# of strips]

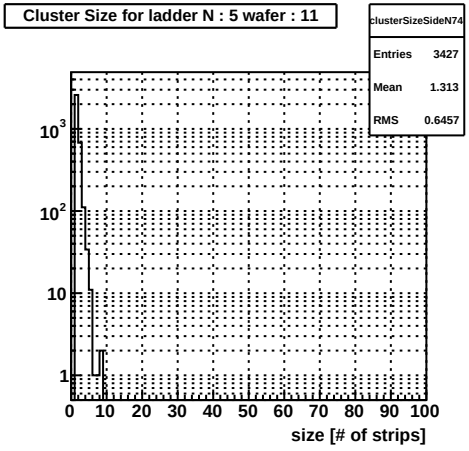

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 5998
Mean 1.213
RMS 0.5105
size [# of strips]

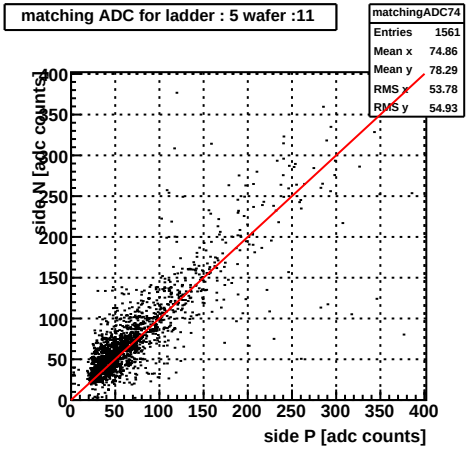

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 190
Mean x 44.06
Mean y 47.76
RMS x 42.88
RMS y 45.75
side N [adc counts]
side P [adc counts]

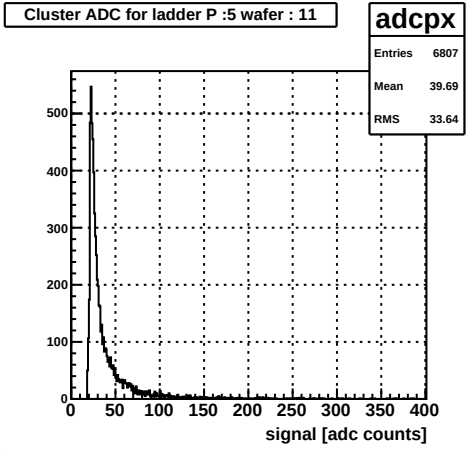

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6898
Mean 31.39
RMS 16.31
signal [adc counts]

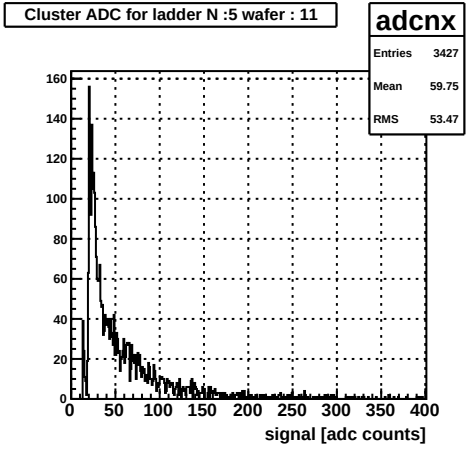

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 5998
Mean 36.12
RMS 39.01
signal [adc counts]

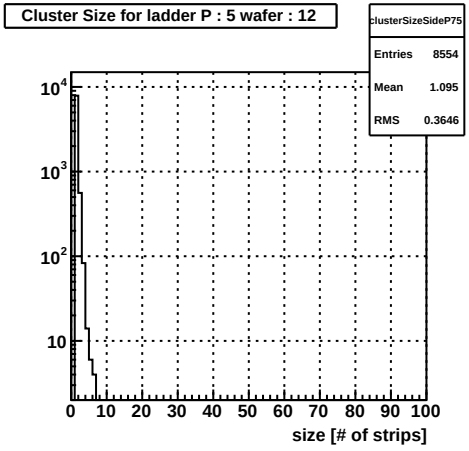

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6807
Mean 1.127
RMS 0.4151
size [# of strips]

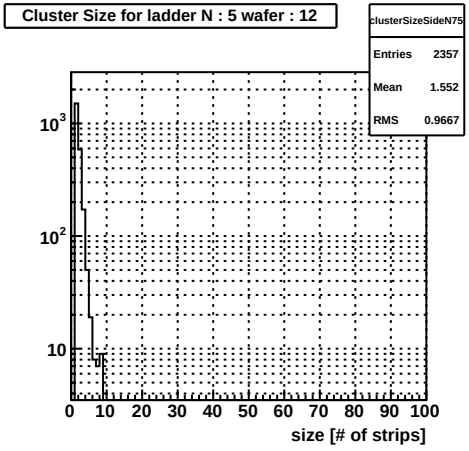

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3427
Mean 1.313
RMS 0.6457
size [# of strips]

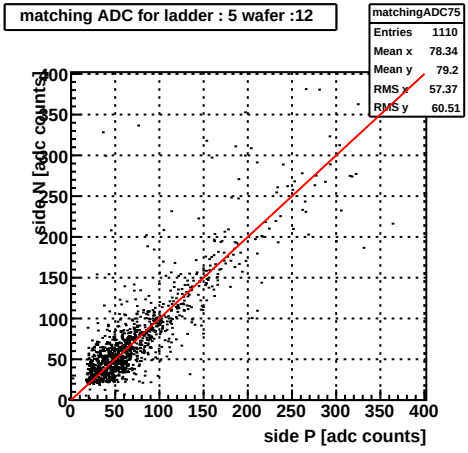

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1561
Mean x 74.86
Mean y 78.29
RMS x 53.78
RMS y 54.93
side N [adc counts]
side P [adc counts]

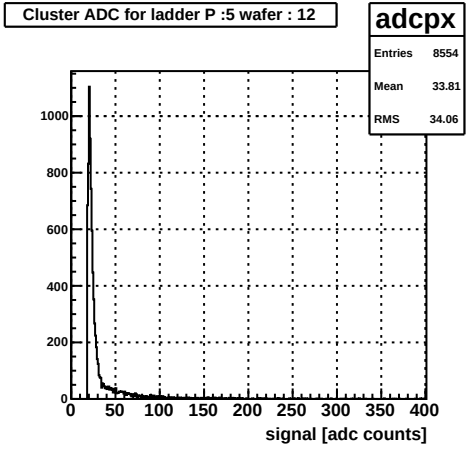

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6807
Mean 39.69
RMS 33.64
signal [adc counts]

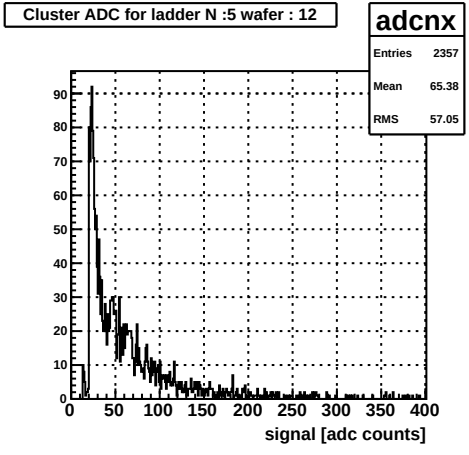

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3427
Mean 59.75
RMS 53.47
signal [adc counts]

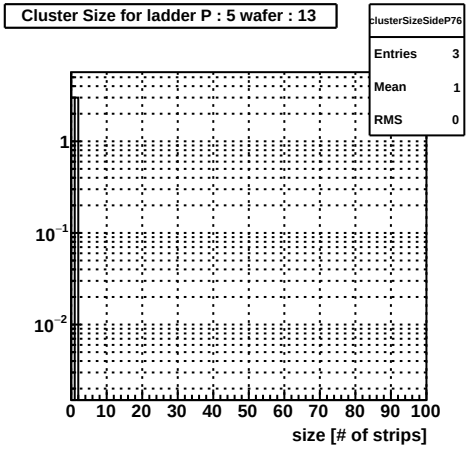

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 8554
Mean 1.095
RMS 0.3646
size [# of strips]

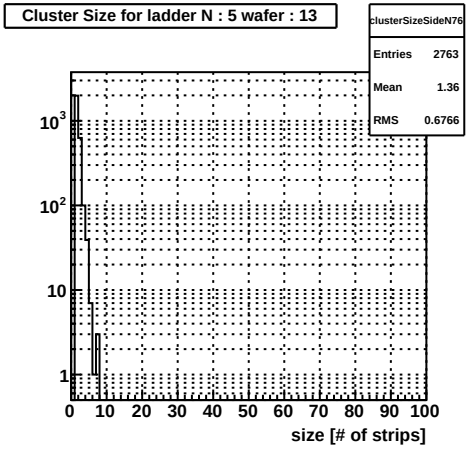

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2357
Mean 1.552
RMS 0.9667
size [# of strips]

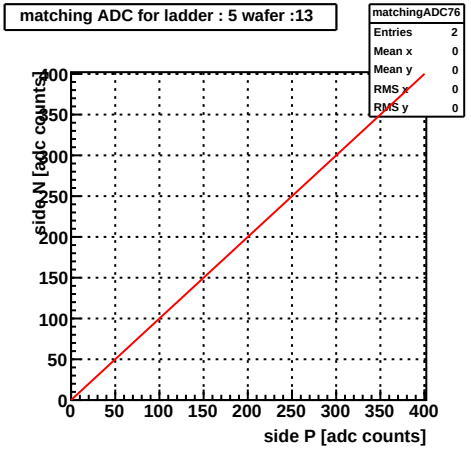

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1110
Mean x 78.34
Mean y 79.2
RMS x 57.37
RMS y 60.51
side N [adc counts]
side P [adc counts]

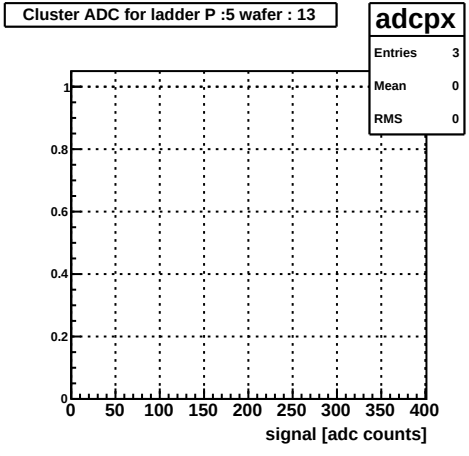

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 8554
Mean 33.81
RMS 34.06
signal [adc counts]

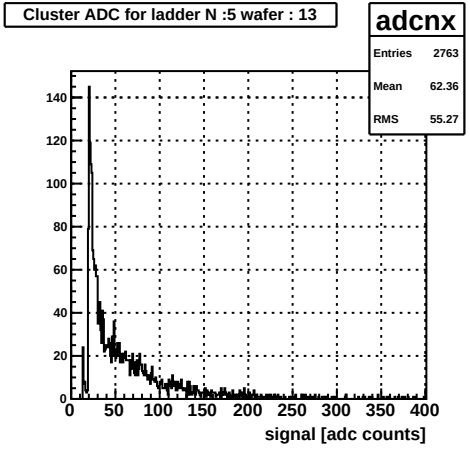

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2357
Mean 65.38
RMS 57.05
signal [adc counts]

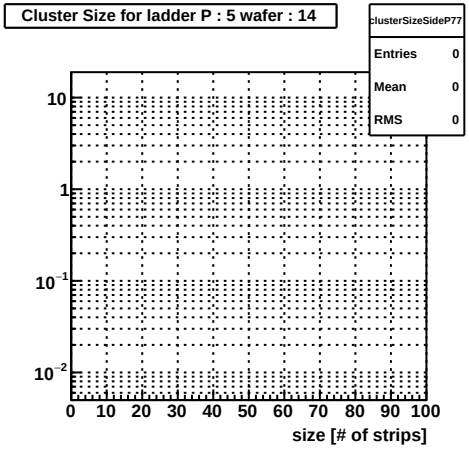

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

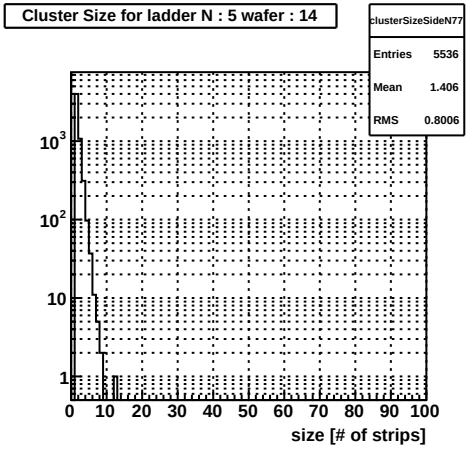

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2763
Mean 1.36
RMS 0.6766
size [# of strips]

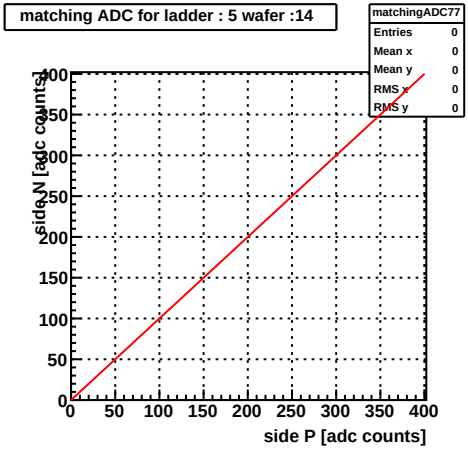

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

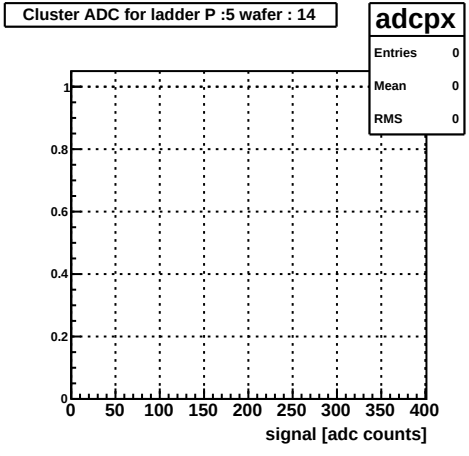

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

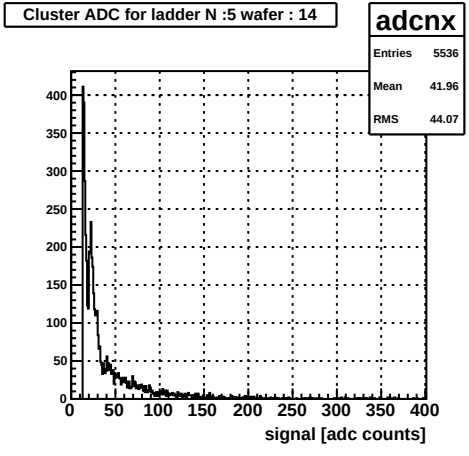

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2763
Mean 62.36
RMS 55.27
signal [adc counts]

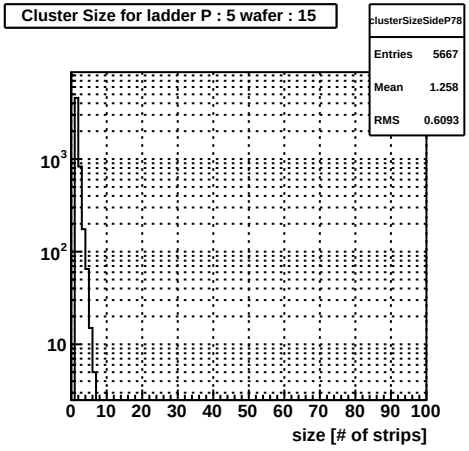

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

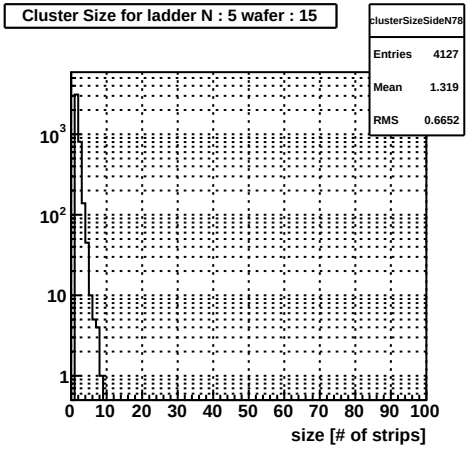

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5536
Mean 1.406
RMS 0.8006
size [# of strips]

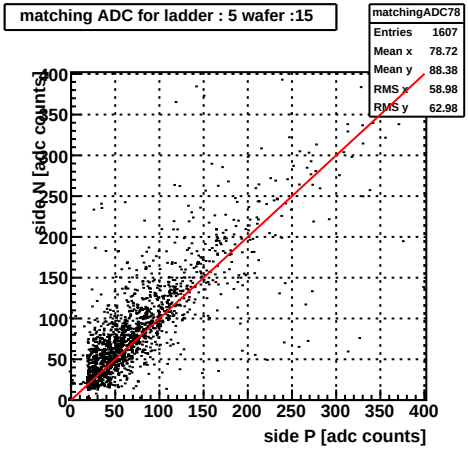

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

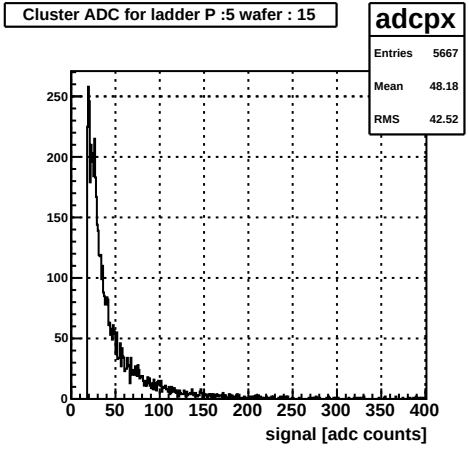

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

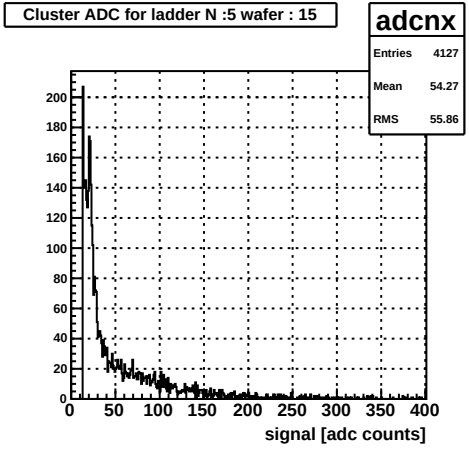

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5536
Mean 41.96
RMS 44.07
signal [adc counts]

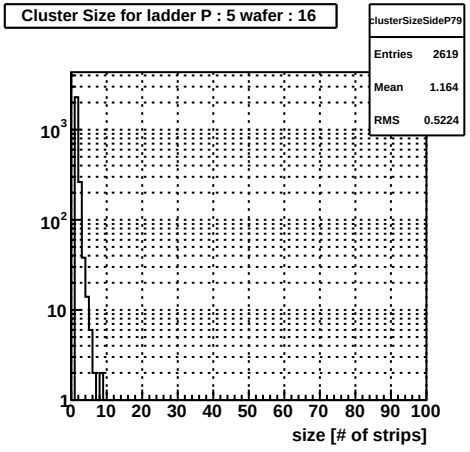

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5667
Mean 1.258
RMS 0.6093
size [# of strips]

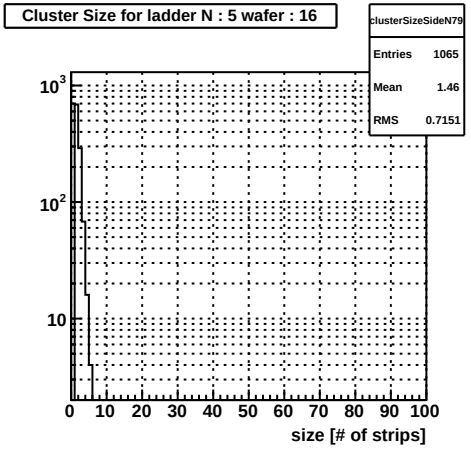

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 4127
Mean 1.319
RMS 0.6652
size [# of strips]

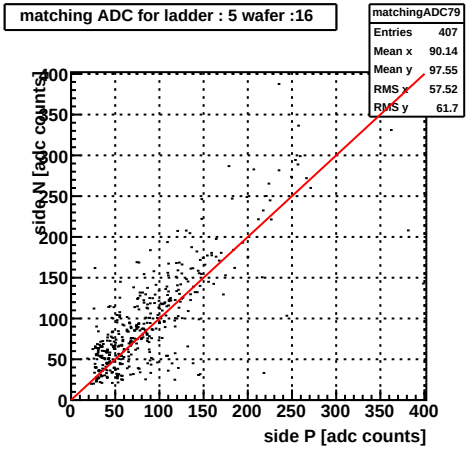

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1607
Mean x 78.72
Mean y 88.38
RMS x 58.98
RMS y 62.98
side N [adc counts]
side P [adc counts]

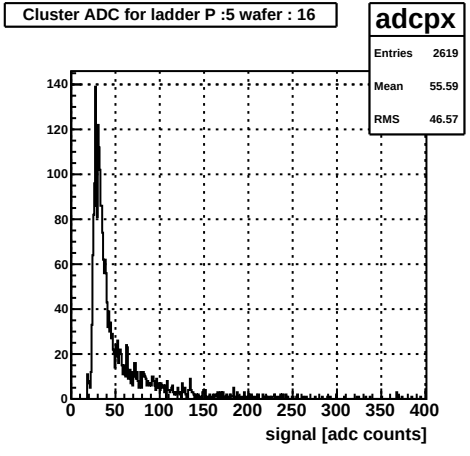

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5667
Mean 48.18
RMS 42.52
signal [adc counts]

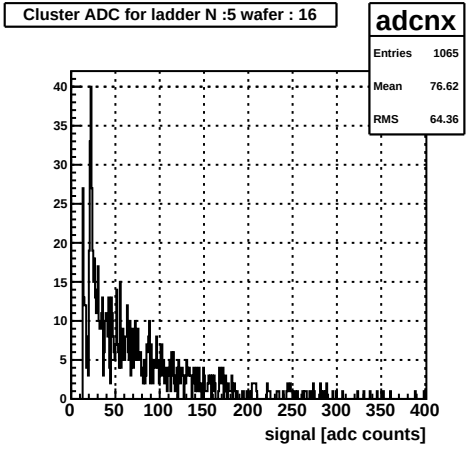

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 4127
Mean 54.27
RMS 55.86
signal [adc counts]

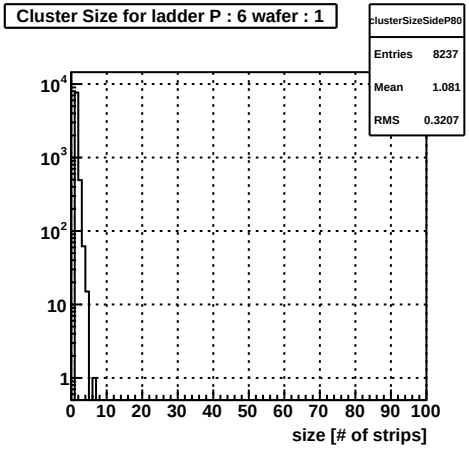

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2619
Mean 1.164
RMS 0.5224
size [# of strips]

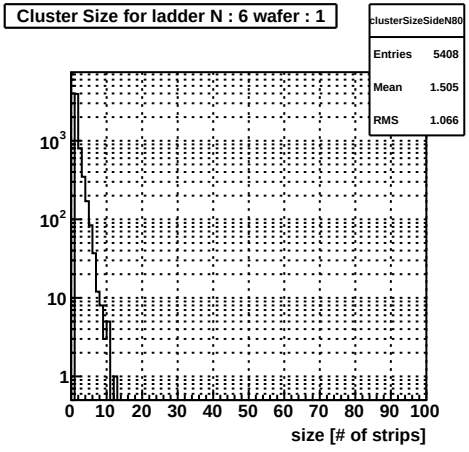

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1065
Mean 1.46
RMS 0.7151
size [# of strips]

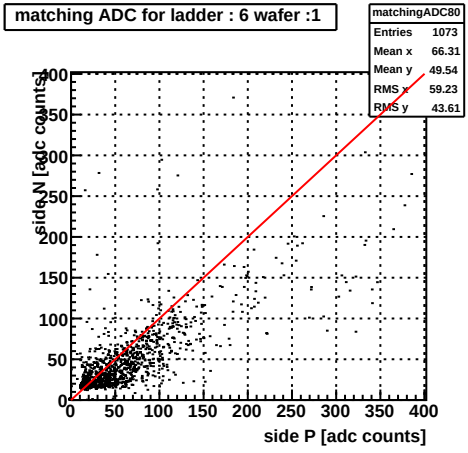

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 407
Mean x 90.14
Mean y 97.55
RMS x 57.52
RMS y 61.7
side N [adc counts]
side P [adc counts]

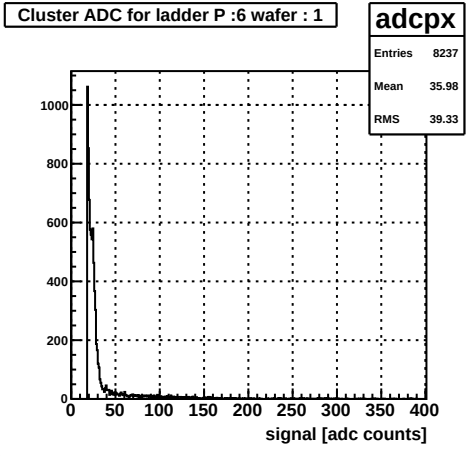

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2619
Mean 55.59
RMS 46.57
signal [adc counts]

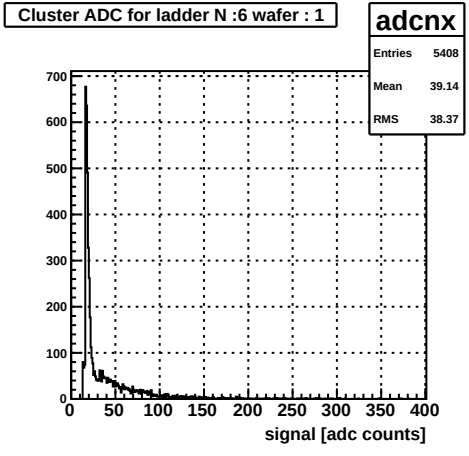

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1065
Mean 76.62
RMS 64.36
signal [adc counts]

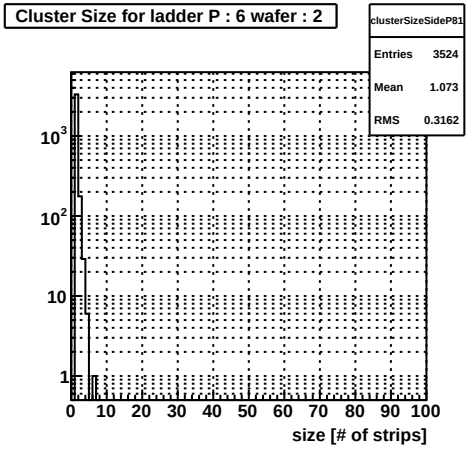

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 8237
Mean 1.081
RMS 0.3207
size [# of strips]

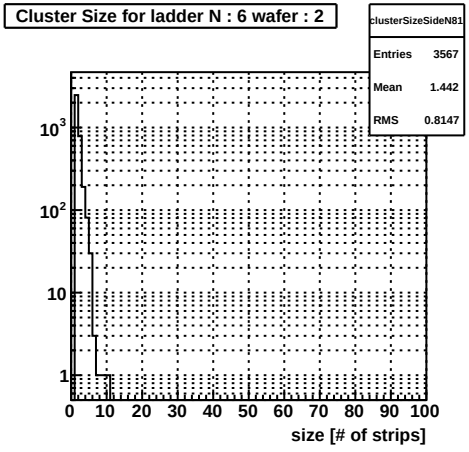

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5408
Mean 1.505
RMS 1.066
size [# of strips]

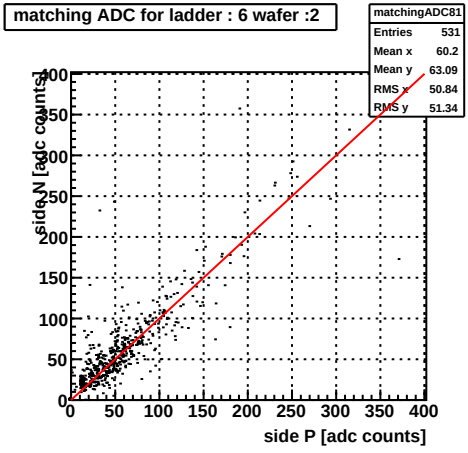

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1073
Mean x 66.31
Mean y 49.54
RMS x 59.23
RMS y 43.61
side N [adc counts]
side P [adc counts]

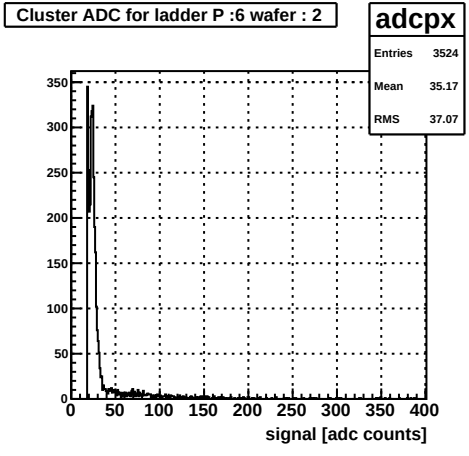

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 8237
Mean 35.98
RMS 39.33
signal [adc counts]

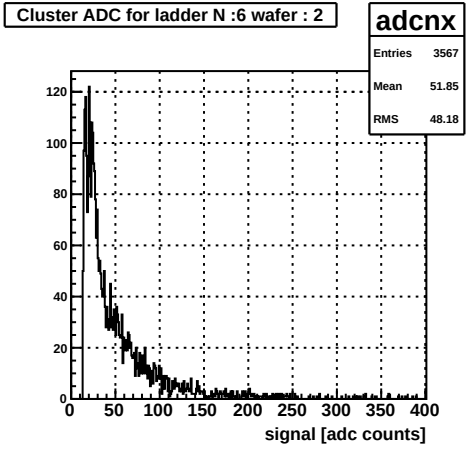

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5408
Mean 39.14
RMS 38.37
signal [adc counts]

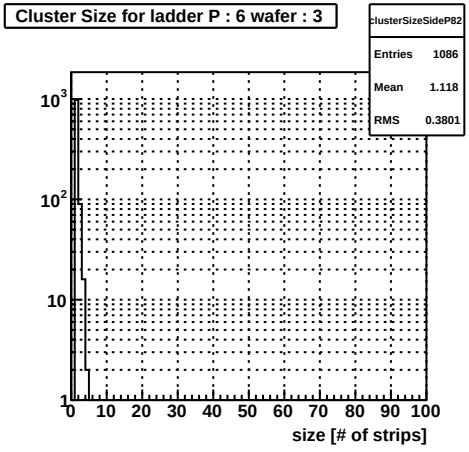

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3524
Mean 1.073
RMS 0.3162
size [# of strips]

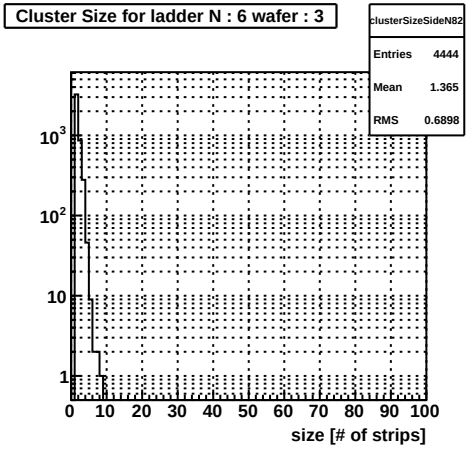

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3567
Mean 1.442
RMS 0.8147
size [# of strips]

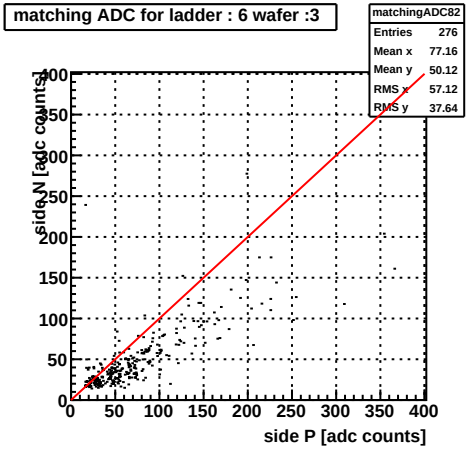

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 531
Mean x 60.2
Mean y 63.09
RMS x 50.84
RMS y 51.34
side N [adc counts]
side P [adc counts]

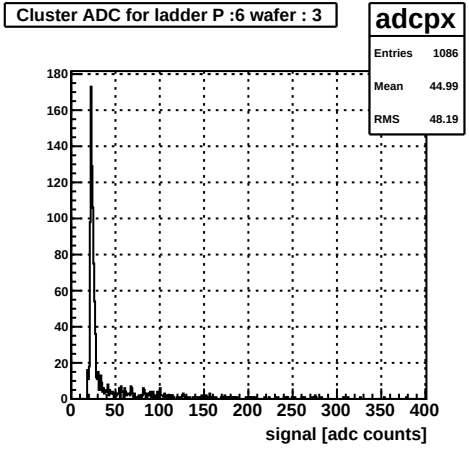

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3524
Mean 35.17
RMS 37.07
signal [adc counts]

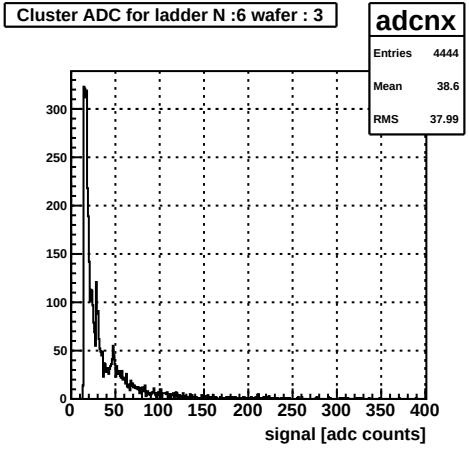

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3567
Mean 51.85
RMS 48.18
signal [adc counts]

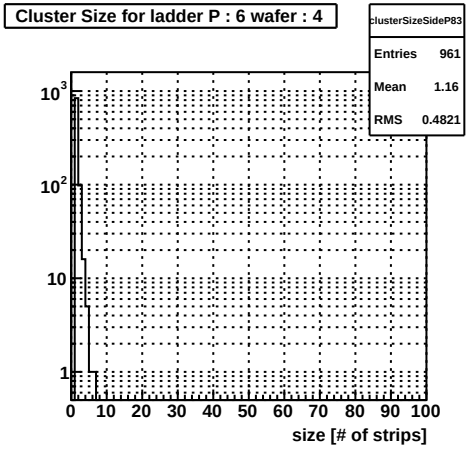

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1086
Mean 1.118
RMS 0.3801
size [# of strips]

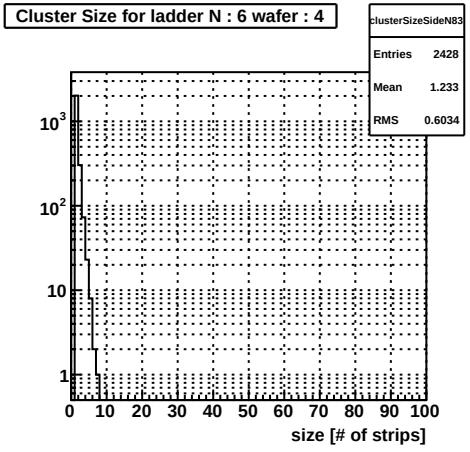

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4444
Mean 1.365
RMS 0.6898
size [# of strips]

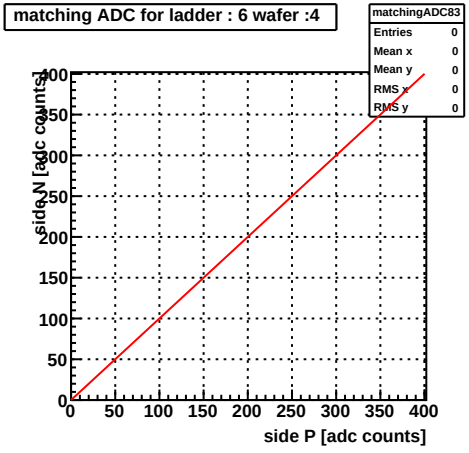

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 276
Mean x 77.16
Mean y 50.12
RMS x 57.12
RMS y 37.64
side N [adc counts]
side P [adc counts]

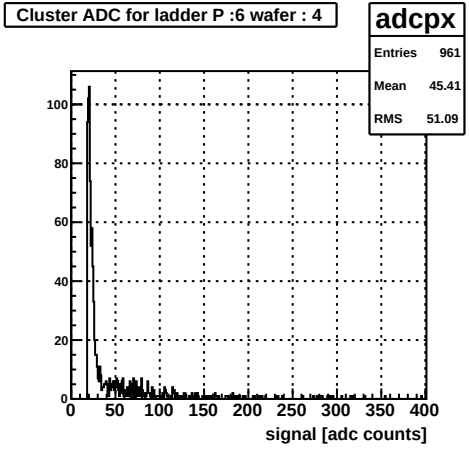

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1086
Mean 44.99
RMS 48.19
signal [adc counts]

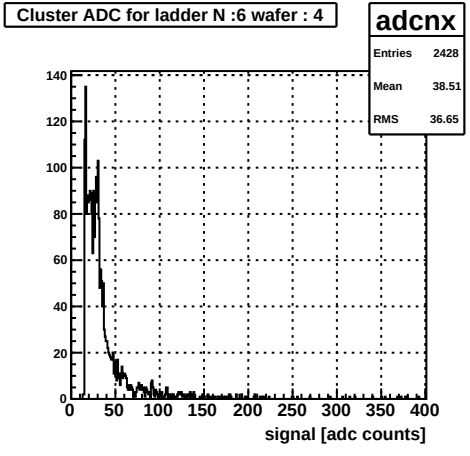

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4444
Mean 38.6
RMS 37.99
signal [adc counts]

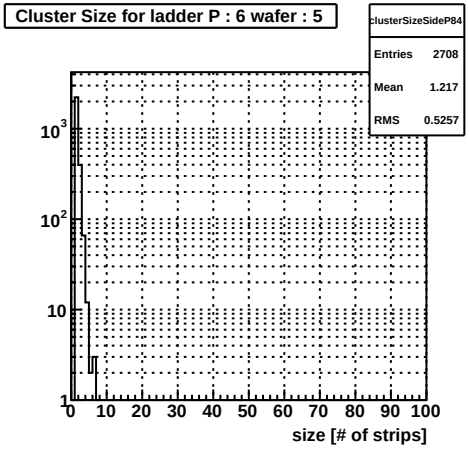

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 961
Mean 1.16
RMS 0.4821
size [# of strips]

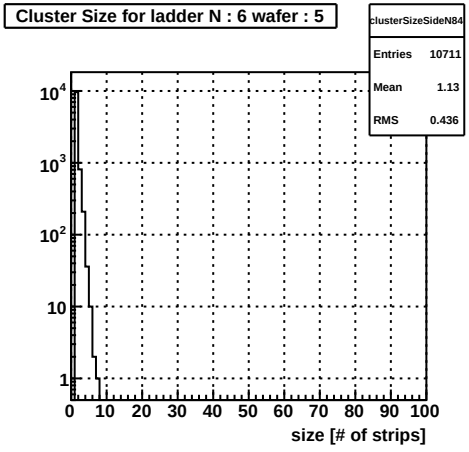

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2428
Mean 1.233
RMS 0.6034
size [# of strips]

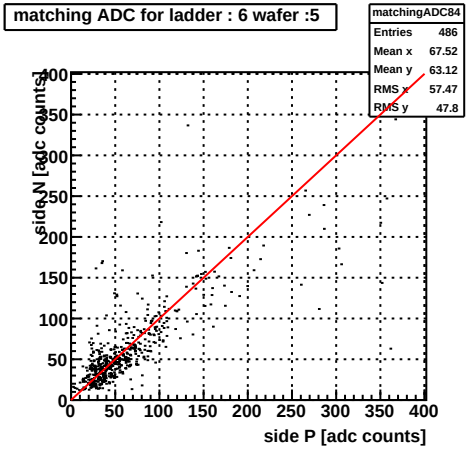

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

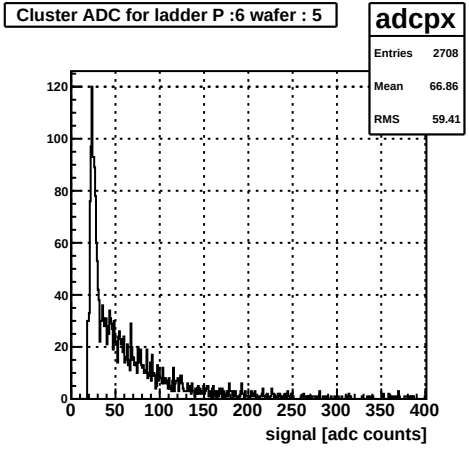

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 961
Mean 45.41
RMS 51.09
signal [adc counts]

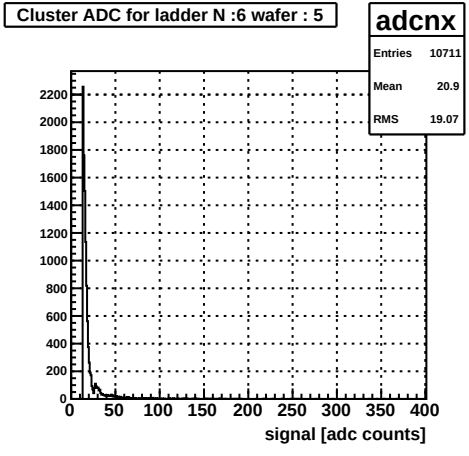

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2428
Mean 38.51
RMS 36.65
signal [adc counts]

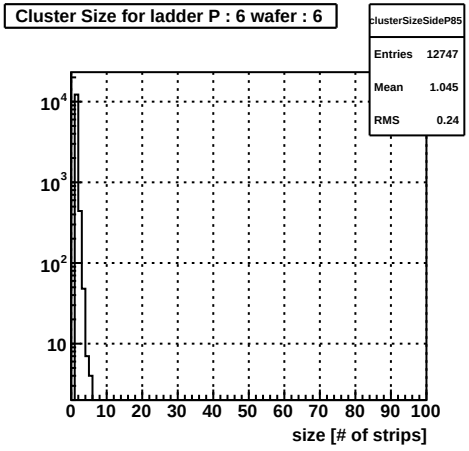

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2708
Mean 1.217
RMS 0.5257
size [# of strips]

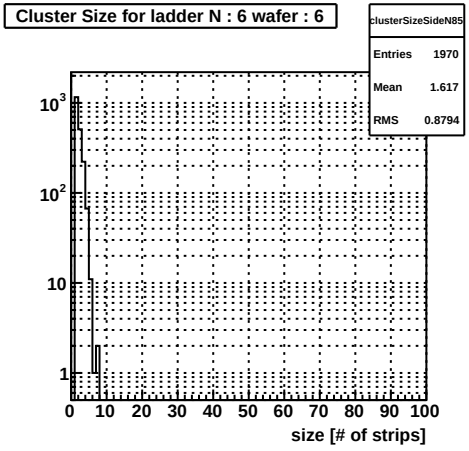

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 10711
Mean 1.13
RMS 0.436
size [# of strips]

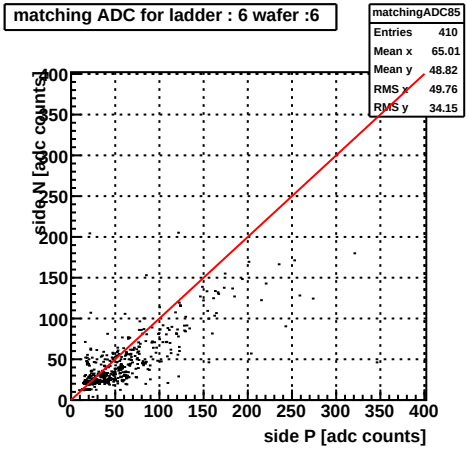

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 486
Mean x 67.52
Mean y 63.12
RMS x 57.47
RMS y 47.8
side N [adc counts]
side P [adc counts]

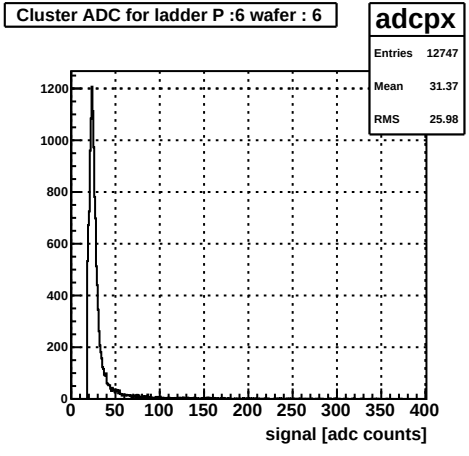

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2708
Mean 66.86
RMS 59.41
signal [adc counts]

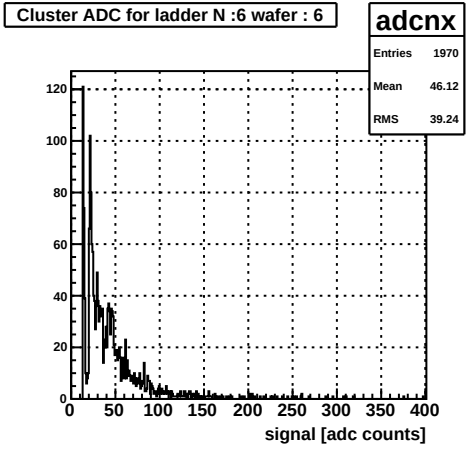

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 10711
Mean 20.9
RMS 19.07
signal [adc counts]

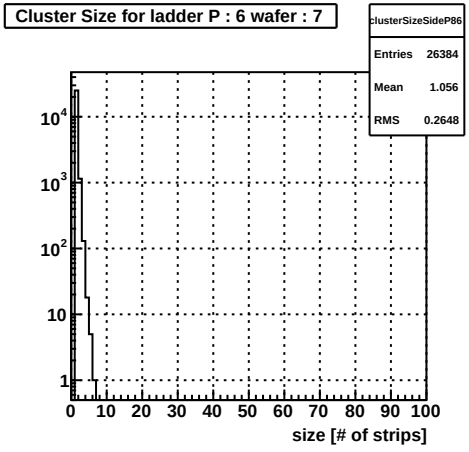

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 12747
Mean 1.045
RMS 0.24
size [# of strips]

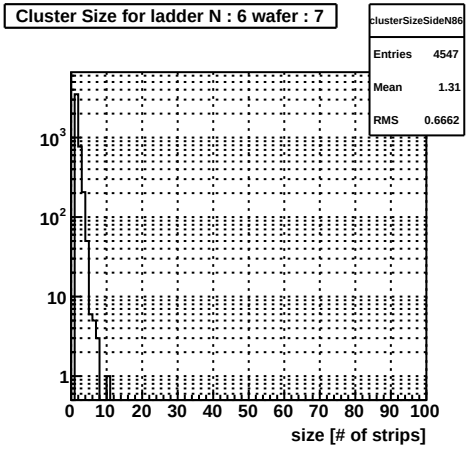

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1970
Mean 1.617
RMS 0.8794
size [# of strips]

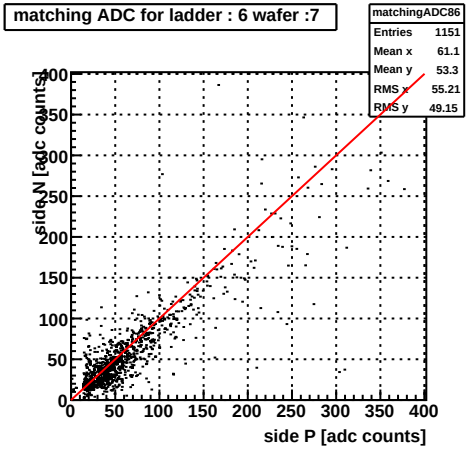

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 410
Mean x 65.01
Mean y 48.82
RMS x 49.76
RMS y 34.15
side N [adc counts]
side P [adc counts]

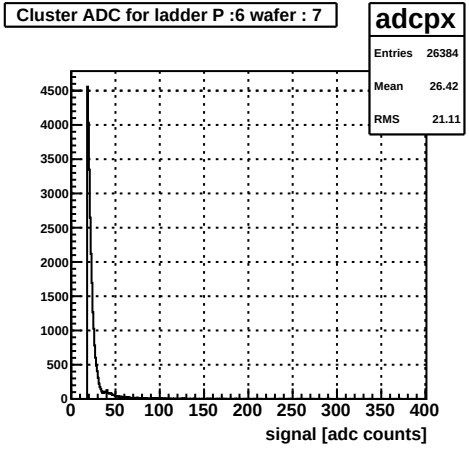

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 12747
Mean 31.37
RMS 25.98
signal [adc counts]

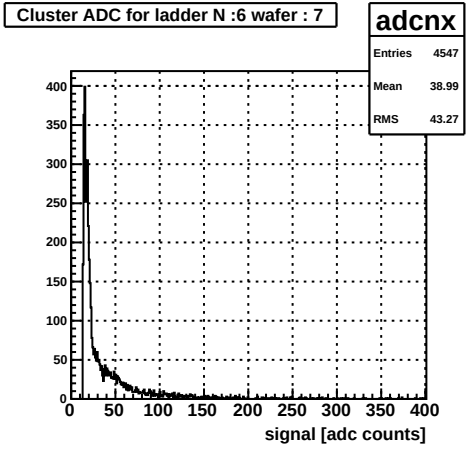

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1970
Mean 46.12
RMS 39.24
signal [adc counts]

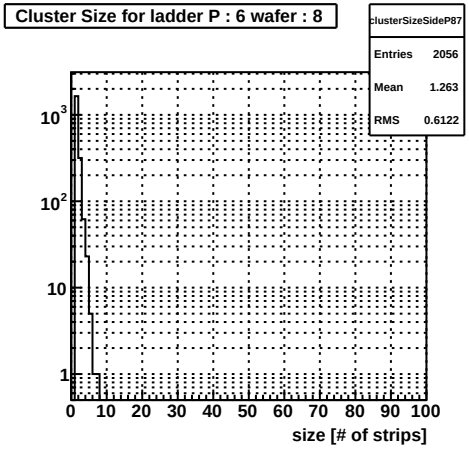

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 26384
Mean 1.056
RMS 0.2648
size [# of strips]

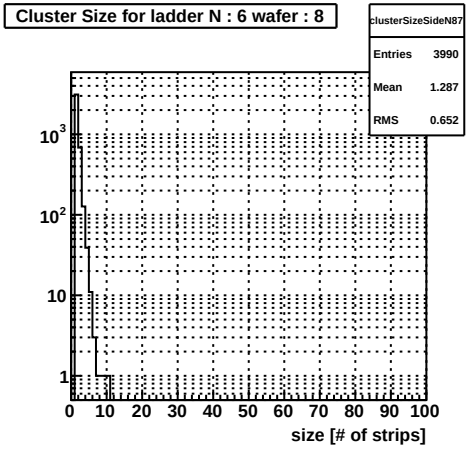

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4547
Mean 1.31
RMS 0.6662
size [# of strips]

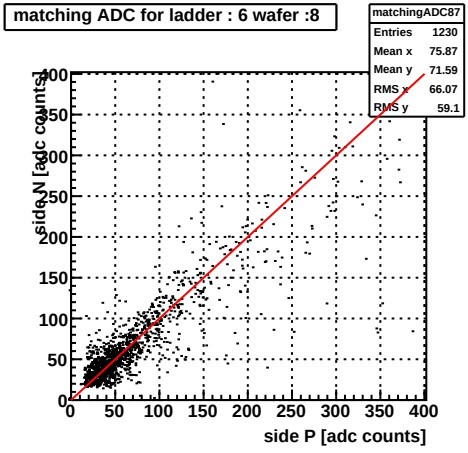

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1151
Mean x 61.1
Mean y 53.3
RMS x 55.21
RMS y 49.15
side N [adc counts]
side P [adc counts]

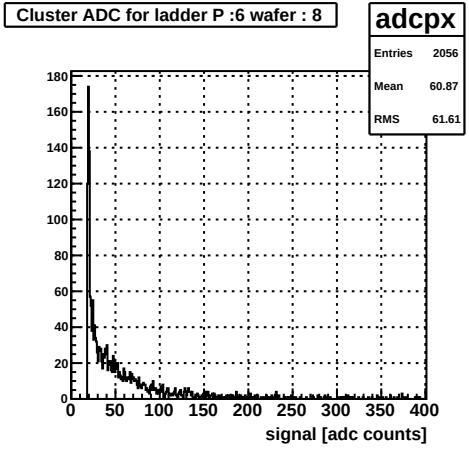

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 26384
Mean 26.42
RMS 21.11
signal [adc counts]

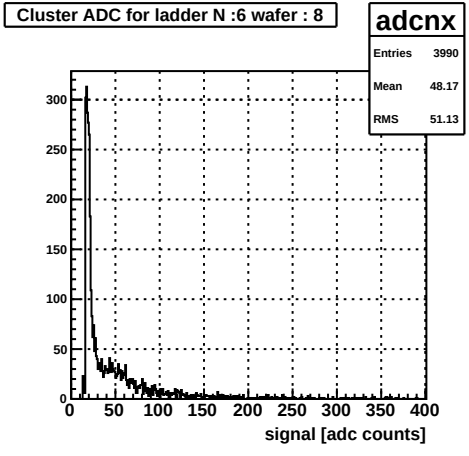

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4547
Mean 38.99
RMS 43.27
signal [adc counts]

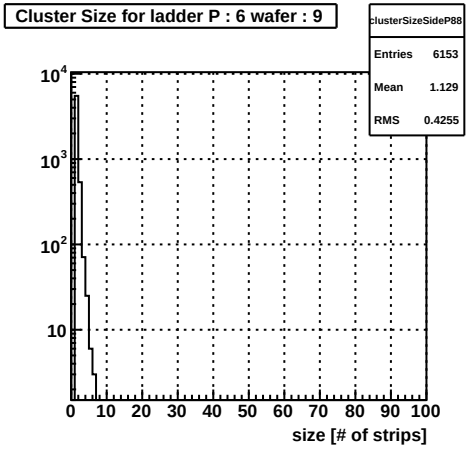

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2056
Mean 1.263
RMS 0.6122
size [# of strips]

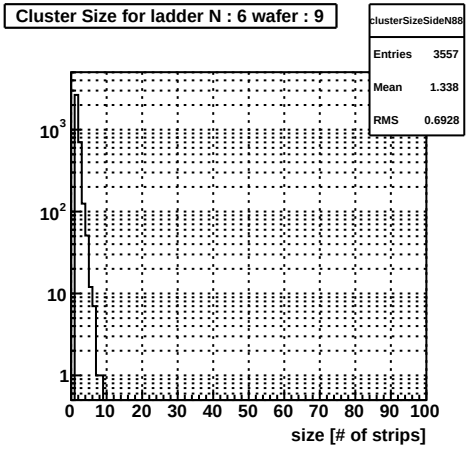

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 3990
Mean 1.287
RMS 0.652
size [# of strips]

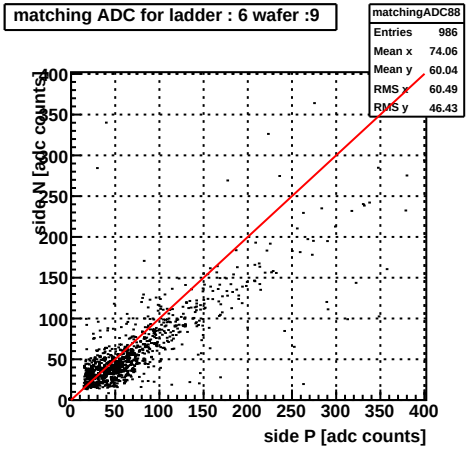

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1230
Mean x 75.87
Mean y 71.59
RMS x 66.07
RMS y 59.1
side N [adc counts]
side P [adc counts]

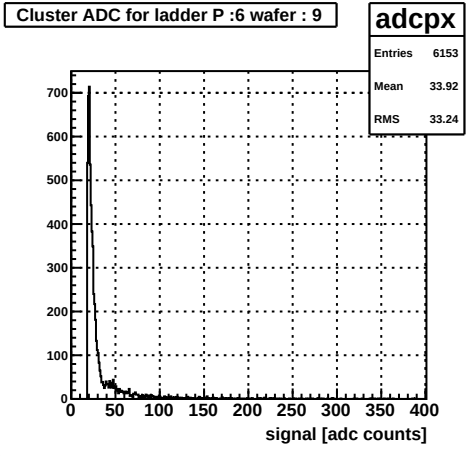

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2056
Mean 60.87
RMS 61.61
signal [adc counts]

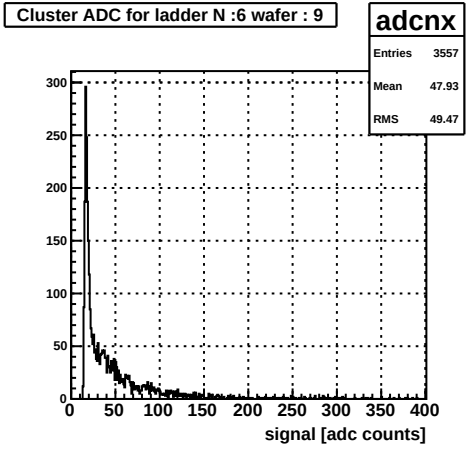

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 3990
Mean 48.17
RMS 51.13
signal [adc counts]

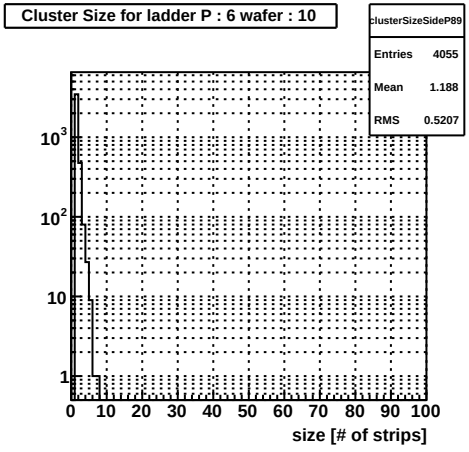

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6153
Mean 1.129
RMS 0.4255
size [# of strips]

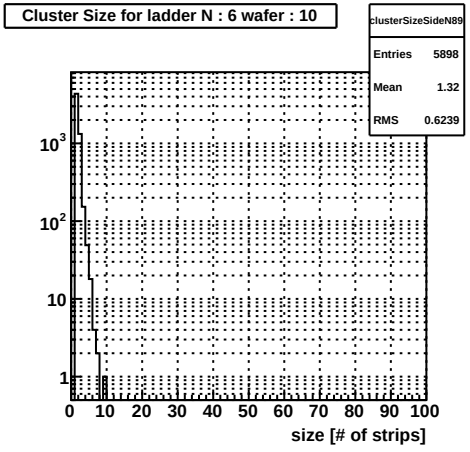

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3557
Mean 1.338
RMS 0.6928
size [# of strips]

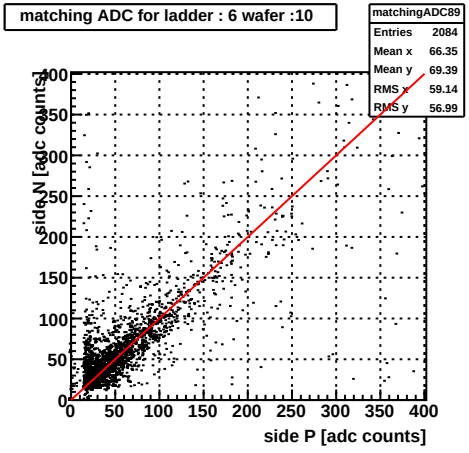

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 986
Mean x 74.06
Mean y 60.04
RMS x 60.49
RMS y 46.43
side N [adc counts]
side P [adc counts]

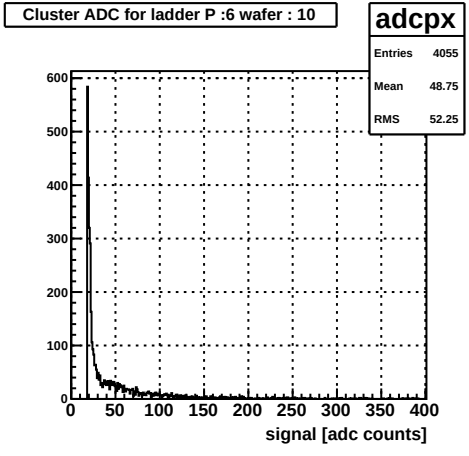

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6153
Mean 33.92
RMS 33.24
signal [adc counts]

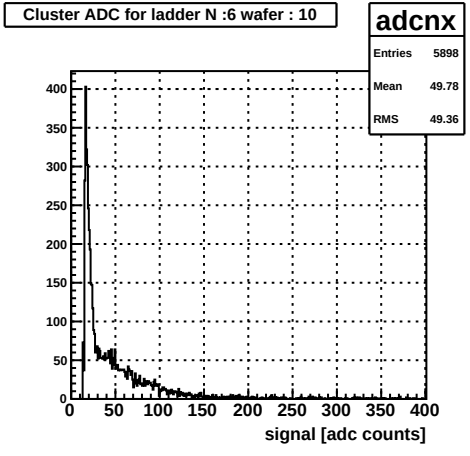

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3557
Mean 47.93
RMS 49.47
signal [adc counts]

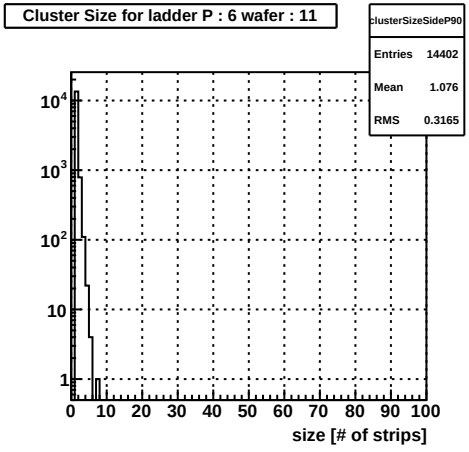

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4055
Mean 1.188
RMS 0.5207
size [# of strips]

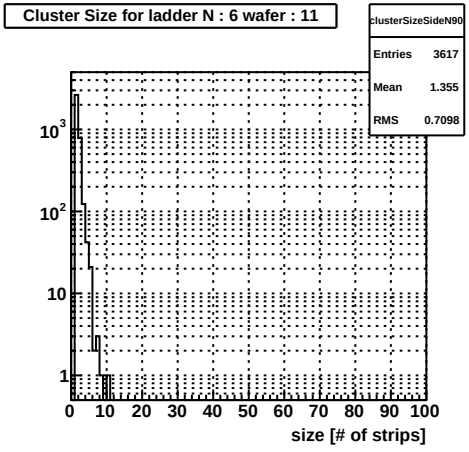

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5898
Mean 1.32
RMS 0.6239
size [# of strips]

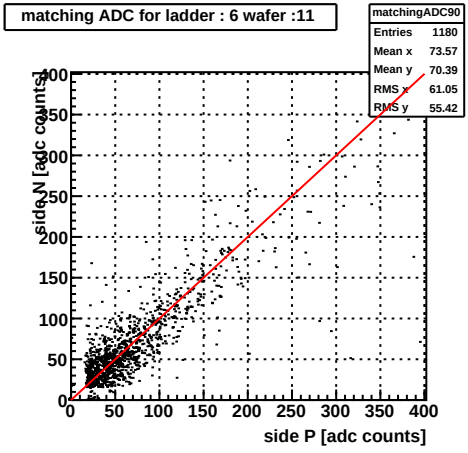

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2084
Mean x 66.35
Mean y 69.39
RMS x 59.14
RMS y 56.99
side N [adc counts]
side P [adc counts]

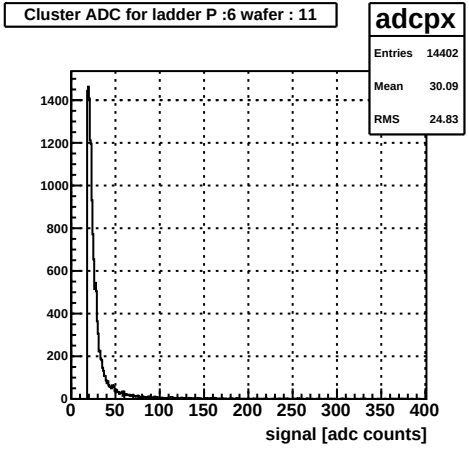

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4055
Mean 48.75
RMS 52.25
signal [adc counts]

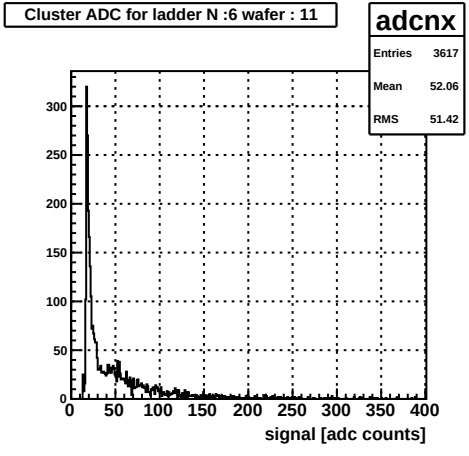

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5898
Mean 49.78
RMS 49.36
signal [adc counts]

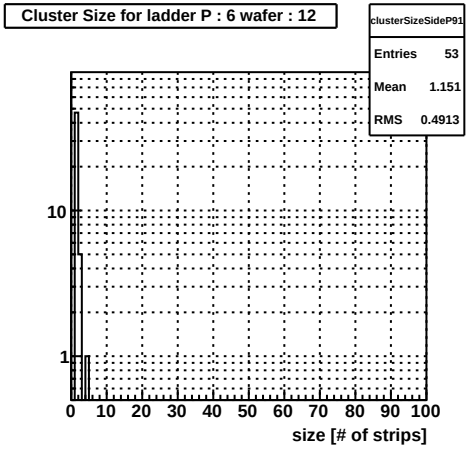

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 14402
Mean 1.076
RMS 0.3165
size [# of strips]

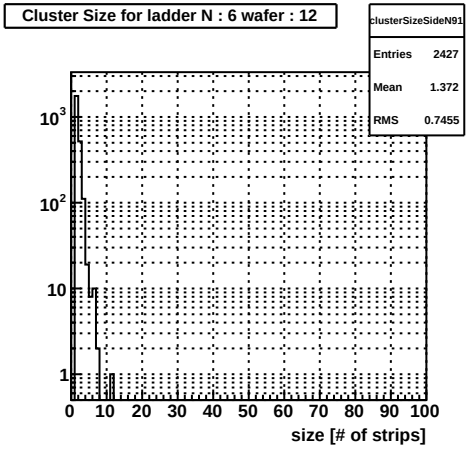

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3617
Mean 1.355
RMS 0.7098
size [# of strips]

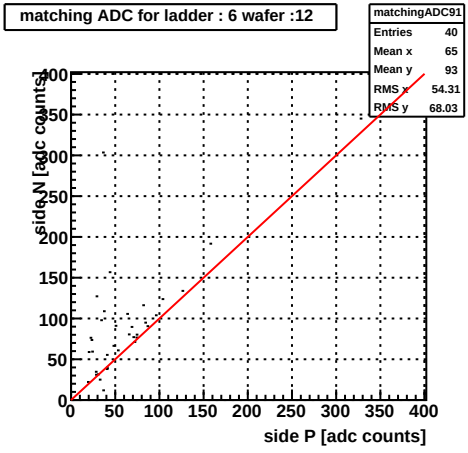

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1180
Mean x 73.57
Mean y 70.39
RMS x 61.05
RMS y 55.42
side N [adc counts]
side P [adc counts]

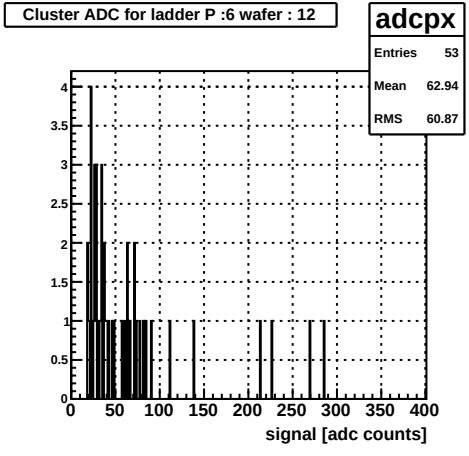

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 14402
Mean 30.09
RMS 24.83
signal [adc counts]

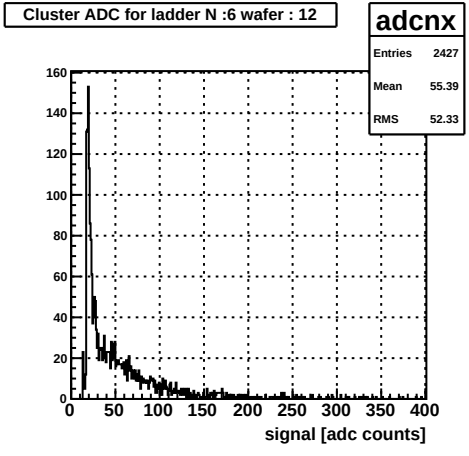

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3617
Mean 52.06
RMS 51.42
signal [adc counts]

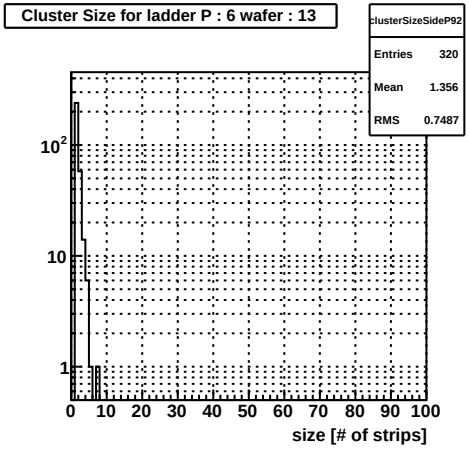

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 53
Mean 1.151
RMS 0.4913
size [# of strips]

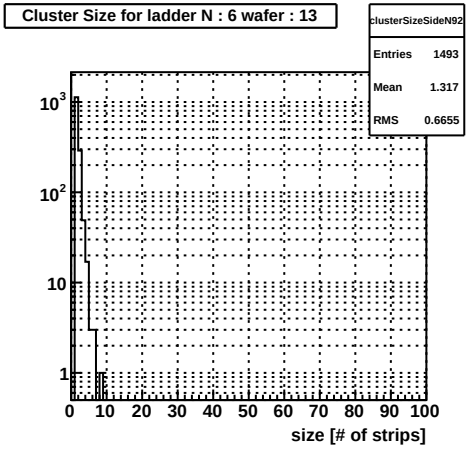

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2427
Mean 1.372
RMS 0.7455
size [# of strips]

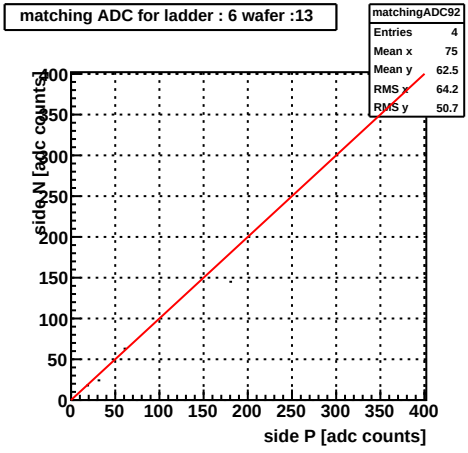

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 40
Mean x 65
Mean y 93
RMS x 54.31
RMS y 68.03
side N [adc counts]
side P [adc counts]

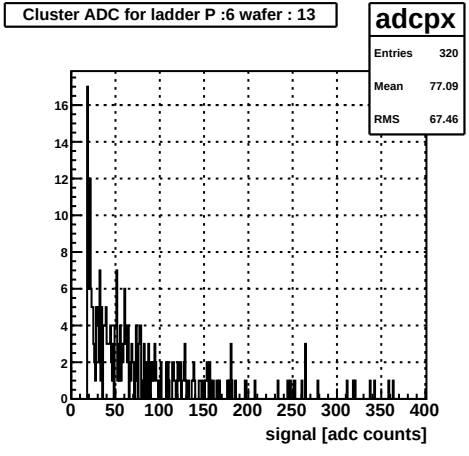

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 53
Mean 62.94
RMS 60.87
signal [adc counts]

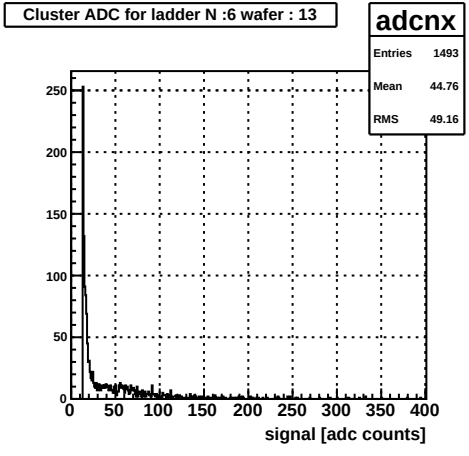

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2427
Mean 55.39
RMS 52.33
signal [adc counts]

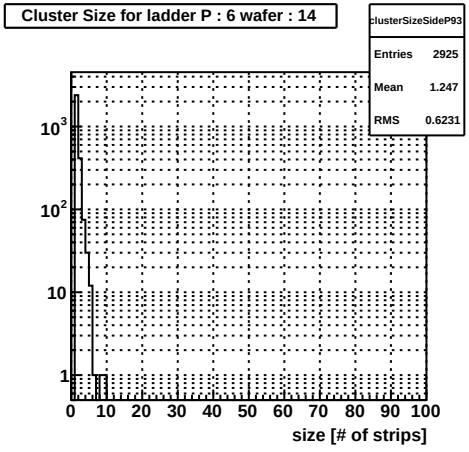

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 320
Mean 1.356
RMS 0.7487
size [# of strips]

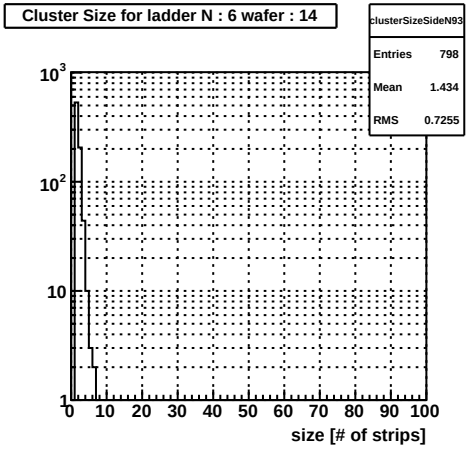

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1493
Mean 1.317
RMS 0.6655
size [# of strips]

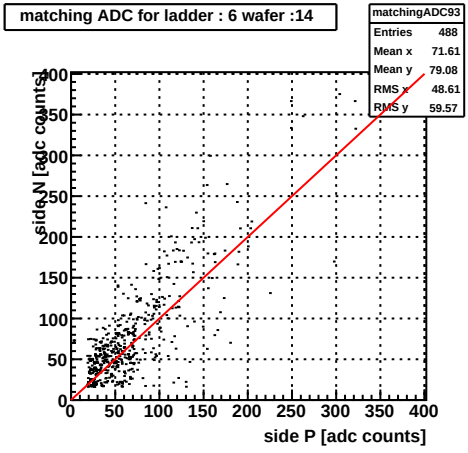

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 75
Mean y 62.5
RMS x 64.2
RMS y 50.7
side N [adc counts]
side P [adc counts]

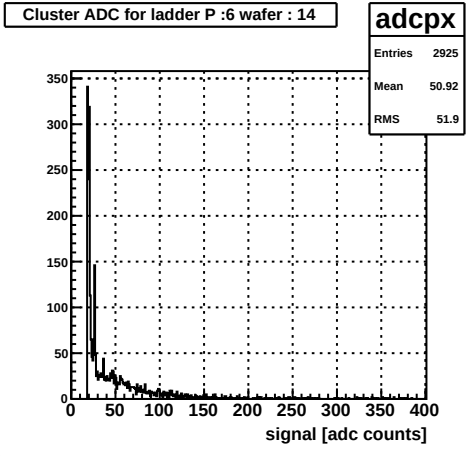

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 320
Mean 77.09
RMS 67.46
signal [adc counts]

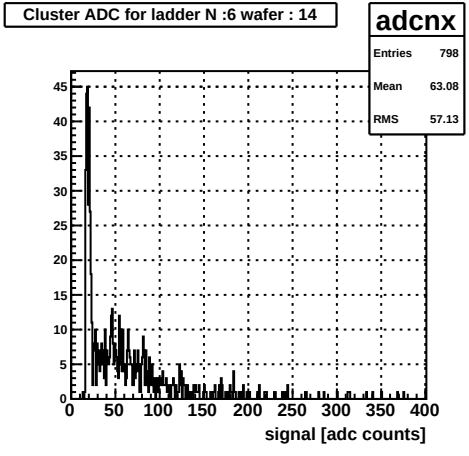

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1493
Mean 44.76
RMS 49.16
signal [adc counts]

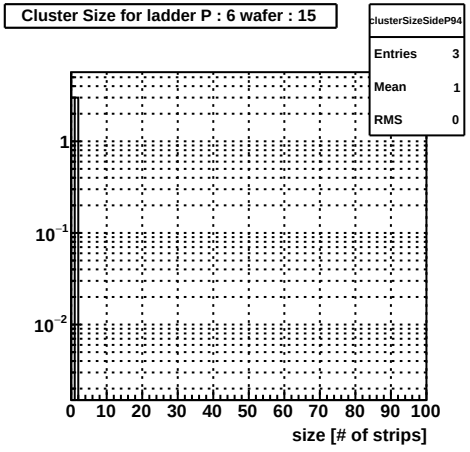

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2925
Mean 1.247
RMS 0.6231
size [# of strips]

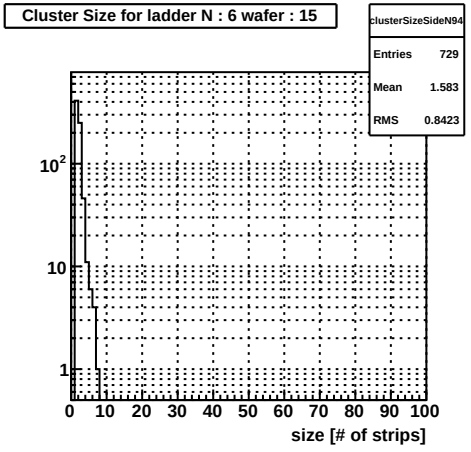

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 798
Mean 1.434
RMS 0.7255
size [# of strips]

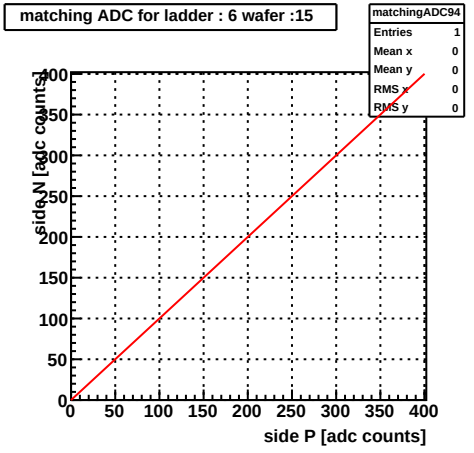

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 488
Mean x 71.61
Mean y 79.08
RMS x 48.61
RMS y 59.57
side N [adc counts]
side P [adc counts]

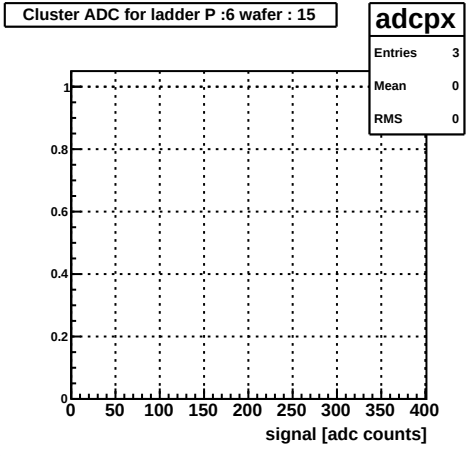

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2925
Mean 50.92
RMS 51.9
signal [adc counts]

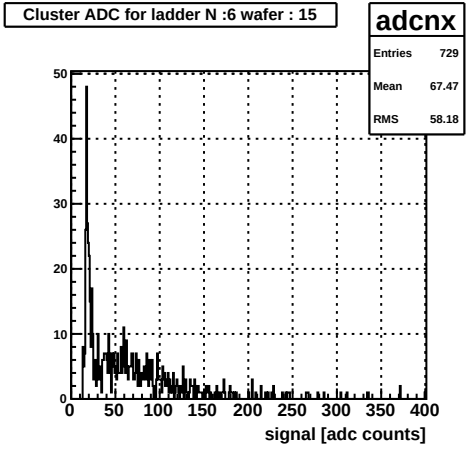

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 798
Mean 63.08
RMS 57.13
signal [adc counts]

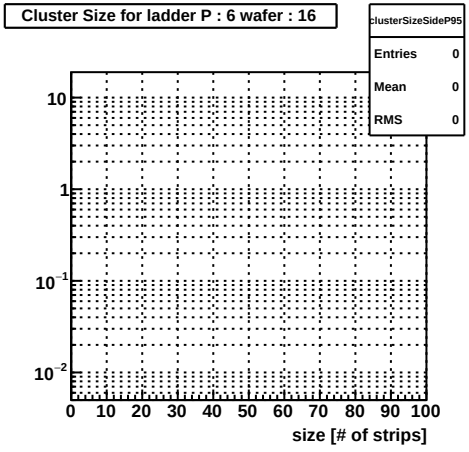

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

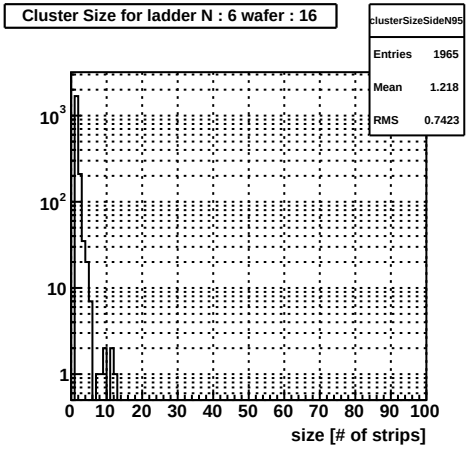

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 729
Mean 1.583
RMS 0.8423
size [# of strips]

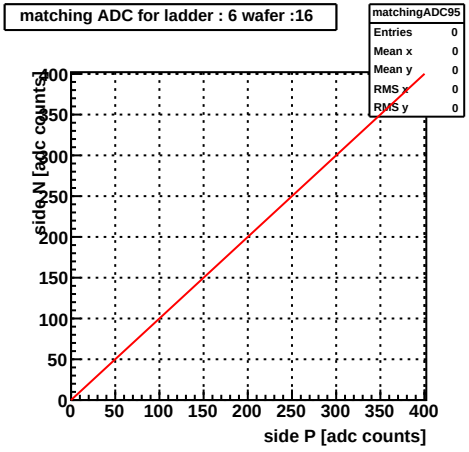

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

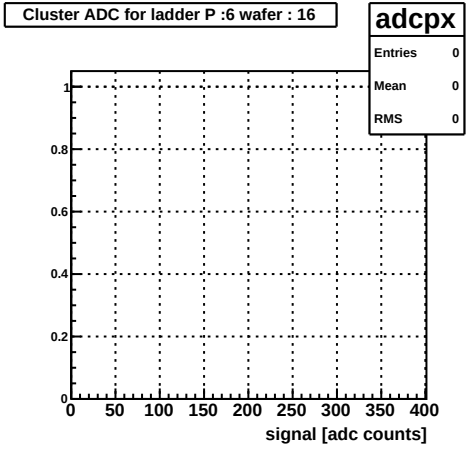

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

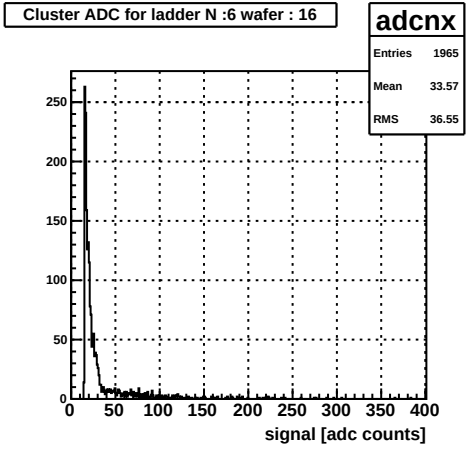

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 729
Mean 67.47
RMS 58.18
signal [adc counts]

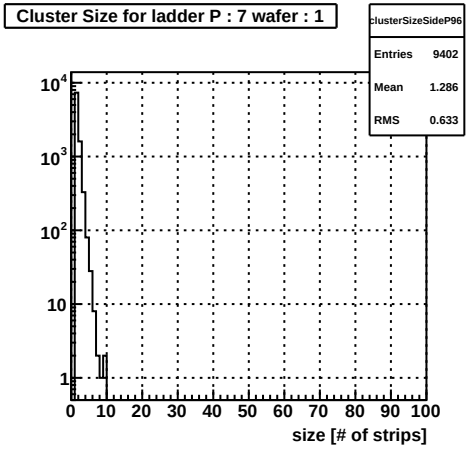

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

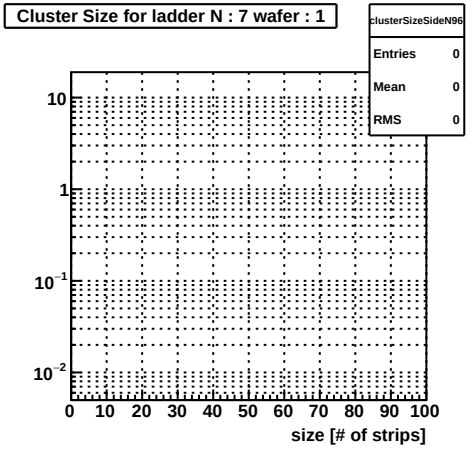

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1965
Mean 1.218
RMS 0.7423
size [# of strips]

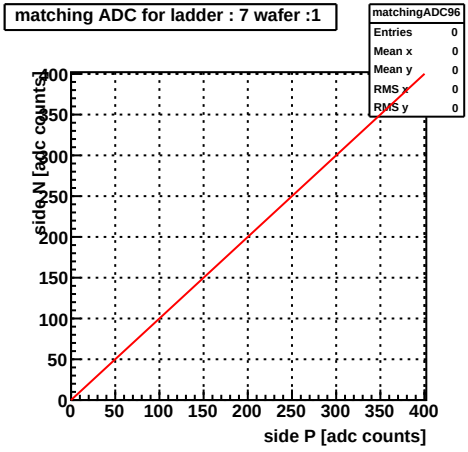

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

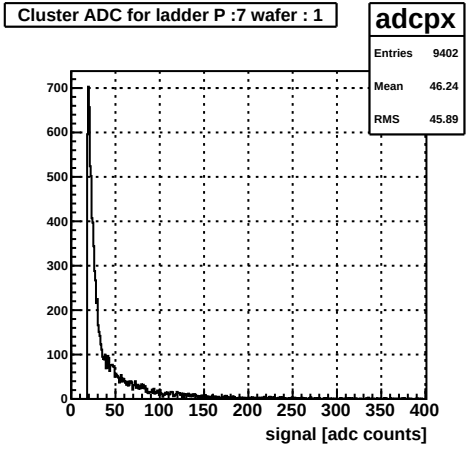

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

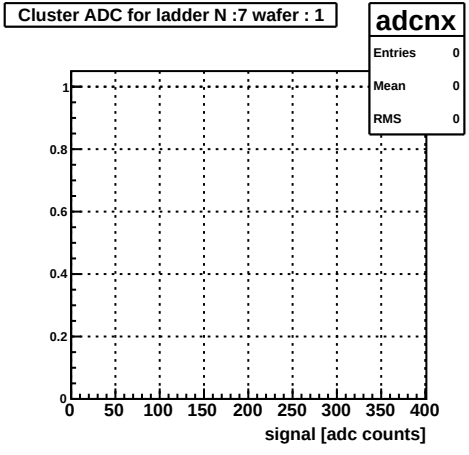

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1965
Mean 33.57
RMS 36.55
signal [adc counts]

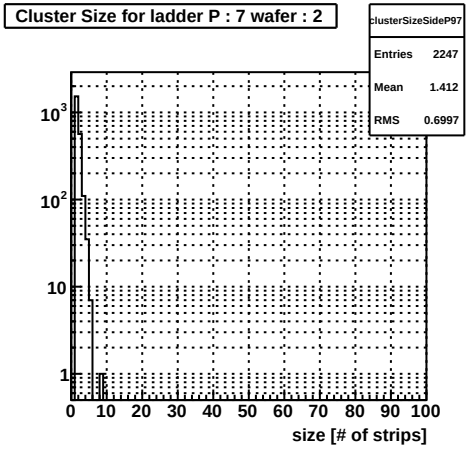

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 9402
Mean 1.286
RMS 0.633
size [# of strips]

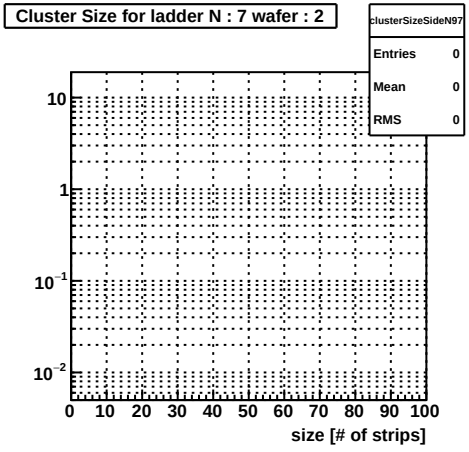

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

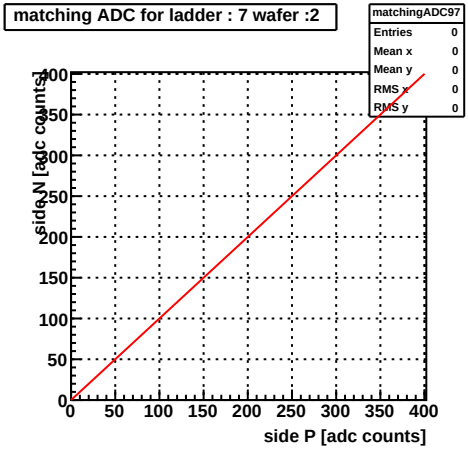

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

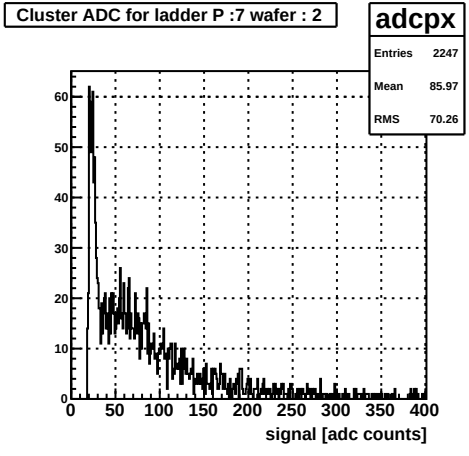

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 9402
Mean 46.24
RMS 45.89
signal [adc counts]

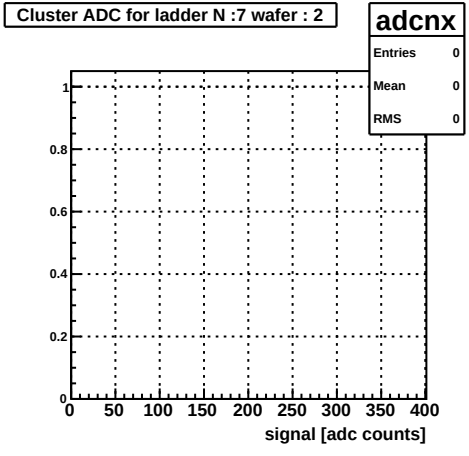

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

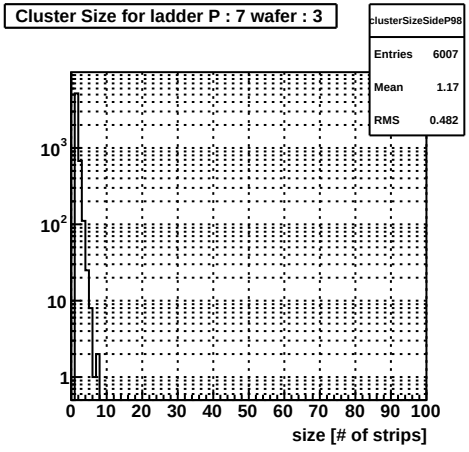

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2247
Mean 1.412
RMS 0.6997
size [# of strips]

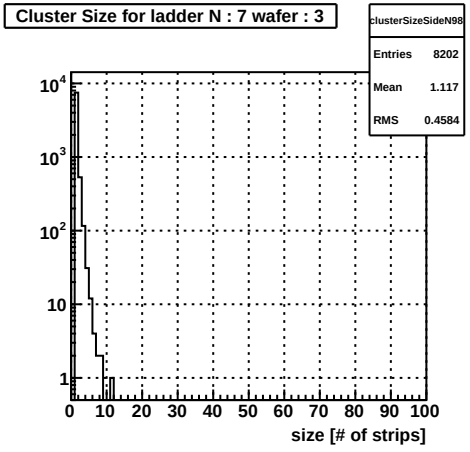

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

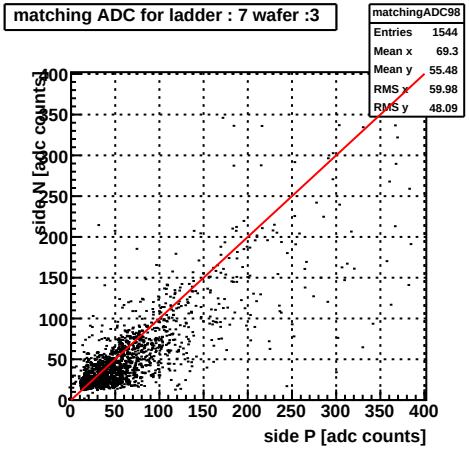

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

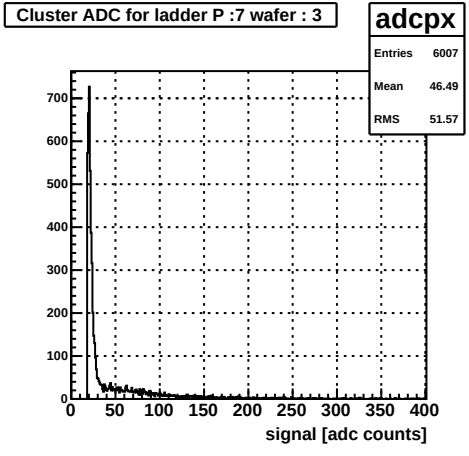

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2247
Mean 85.97
RMS 70.26
signal [adc counts]

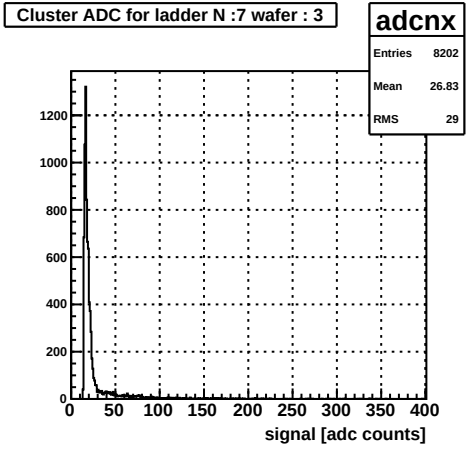

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

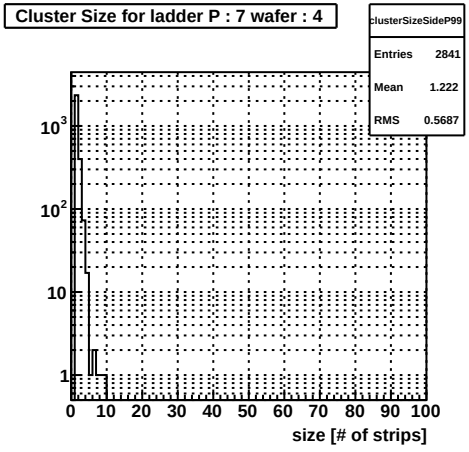

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6007
Mean 1.17
RMS 0.482
size [# of strips]

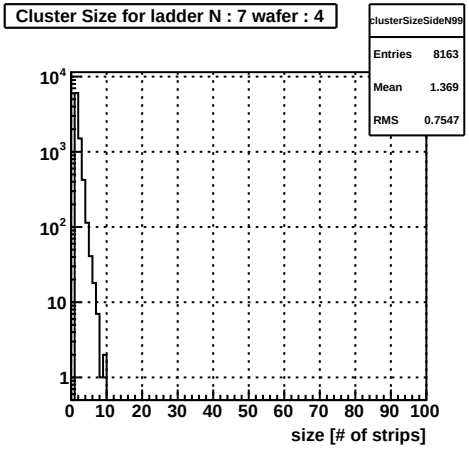

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8202
Mean 1.117
RMS 0.4584
size [# of strips]

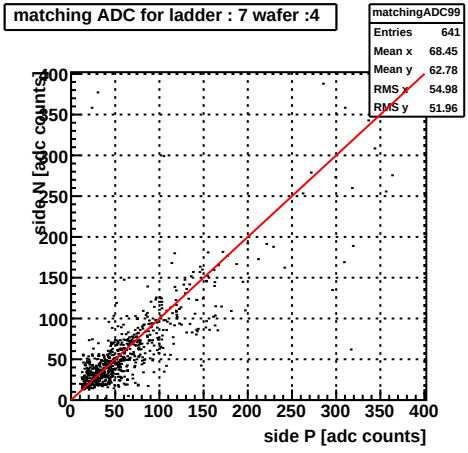

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1544
Mean x 69.3
Mean y 55.48
RMS x 59.98
RMS y 48.09
side N [adc counts]
side P [adc counts]

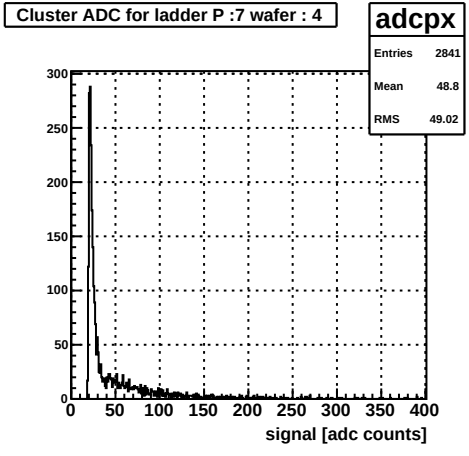

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6007
Mean 46.49
RMS 51.57
signal [adc counts]

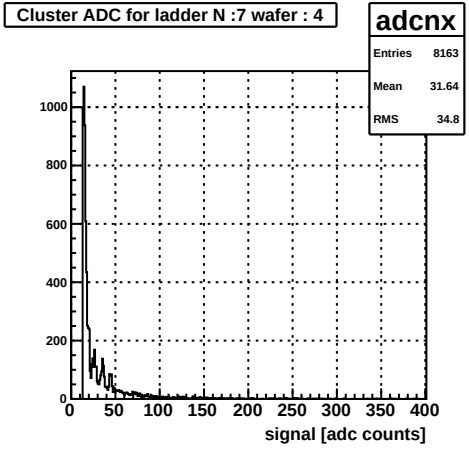

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8202
Mean 26.83
RMS 29
signal [adc counts]

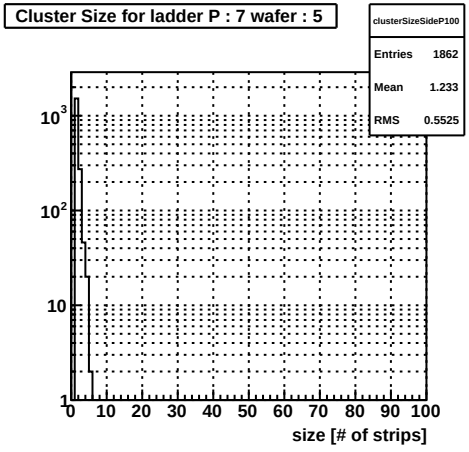

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2841
Mean 1.222
RMS 0.5687
size [# of strips]

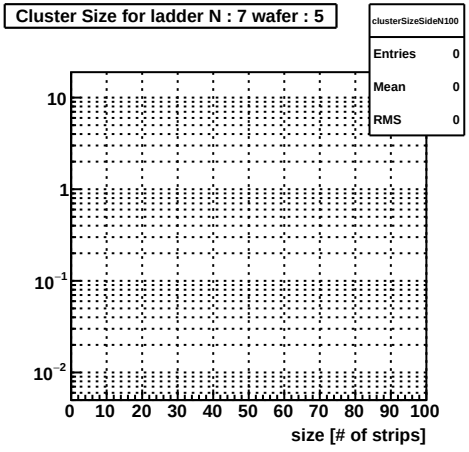

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8163
Mean 1.369
RMS 0.7547
size [# of strips]

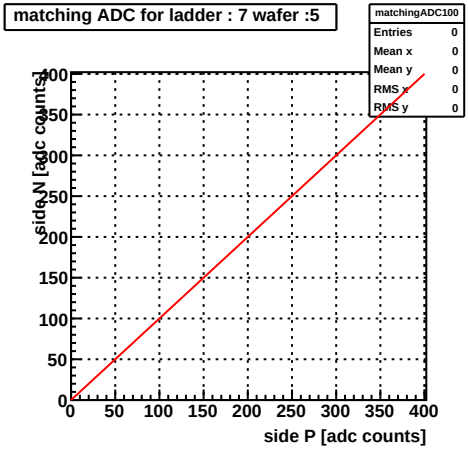

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 641
Mean x 68.45
Mean y 62.78
RMS x 54.98
RMS y 51.96
side N [adc counts]
side P [adc counts]

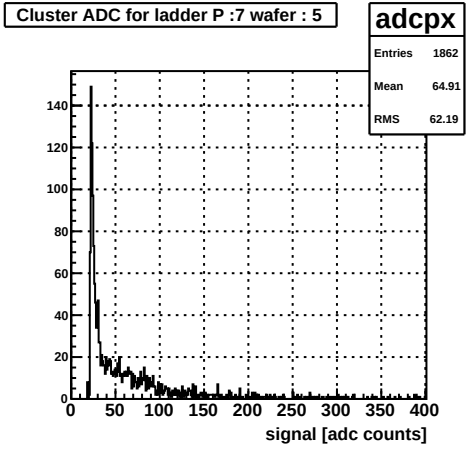

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2841
Mean 48.8
RMS 49.02
signal [adc counts]

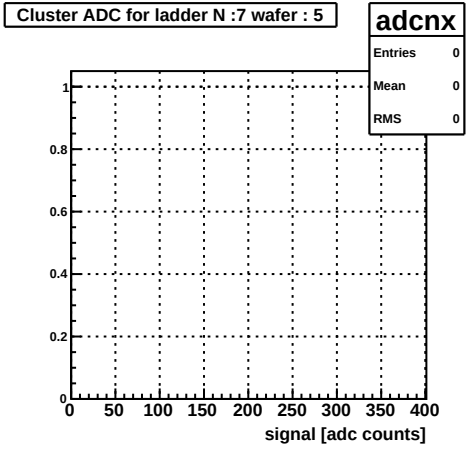

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8163
Mean 31.64
RMS 34.8
signal [adc counts]

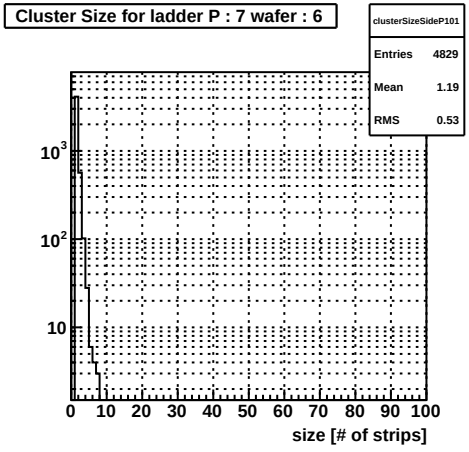

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1862
Mean 1.233
RMS 0.5525
size [# of strips]

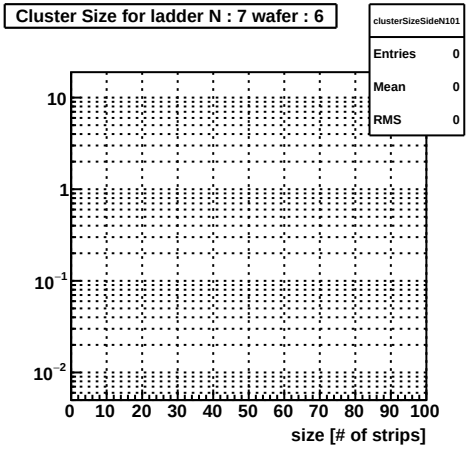

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

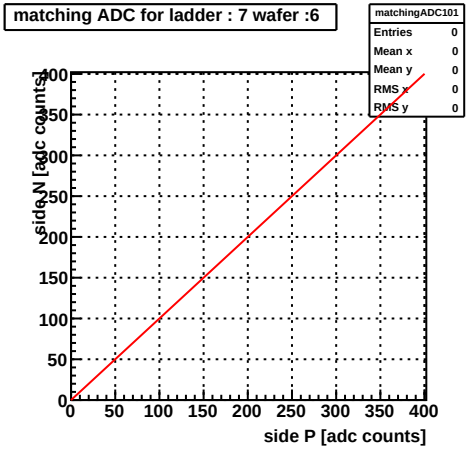

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

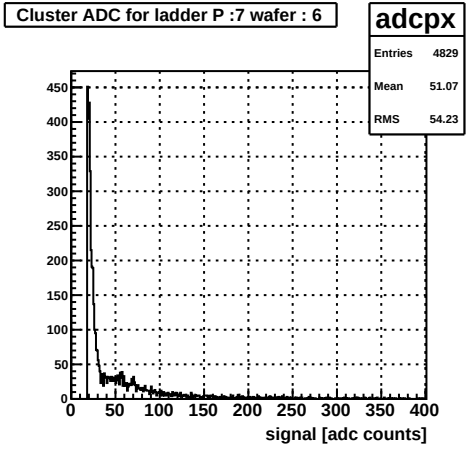

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1862
Mean 64.91
RMS 62.19
signal [adc counts]

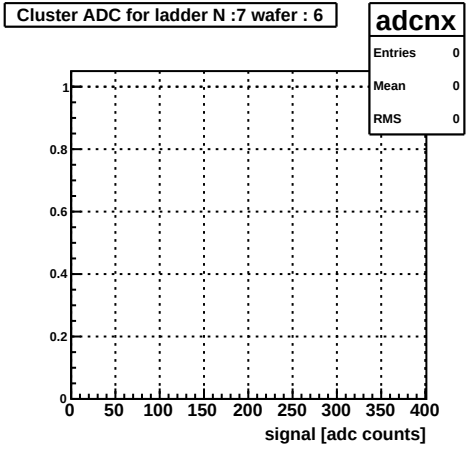

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

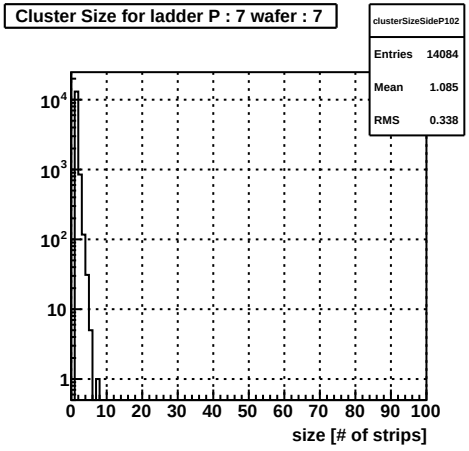

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4829
Mean 1.19
RMS 0.53
size [# of strips]

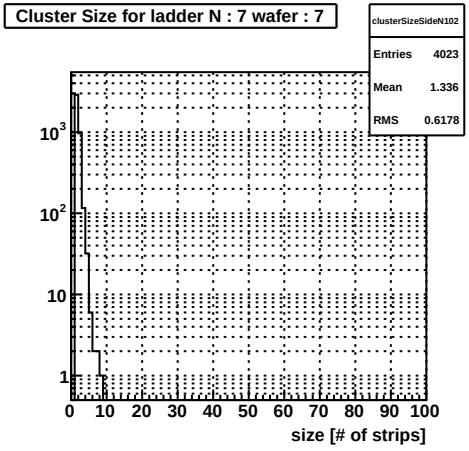

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

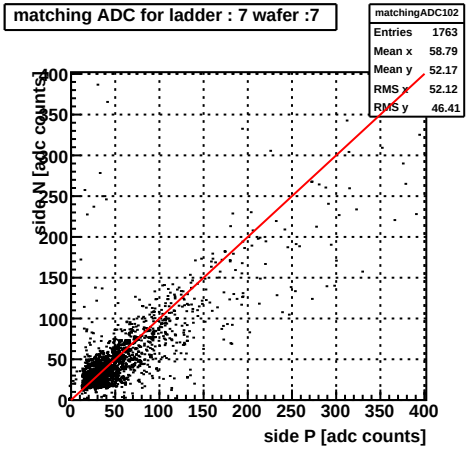

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

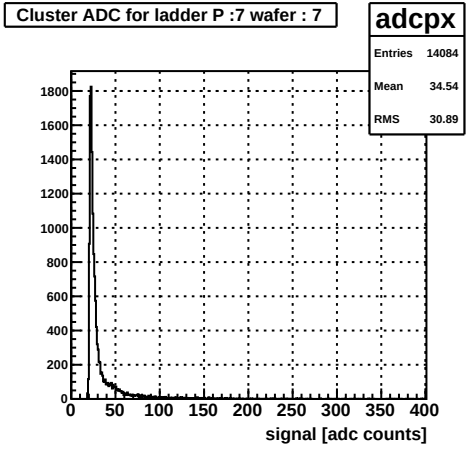

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4829
Mean 51.07
RMS 54.23
signal [adc counts]

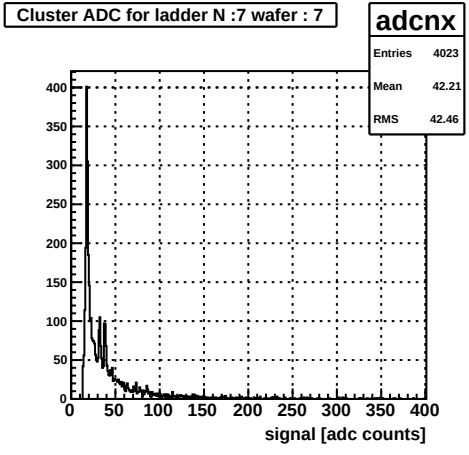

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

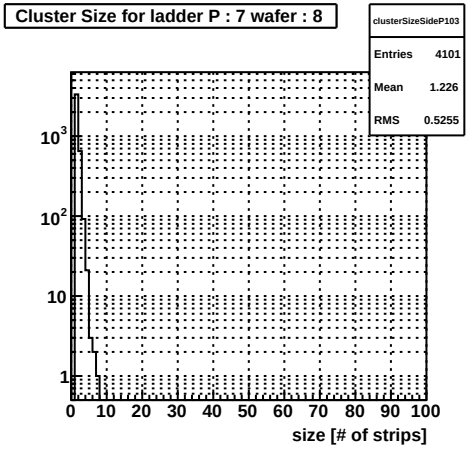

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 14084
Mean 1.085
RMS 0.338
size [# of strips]

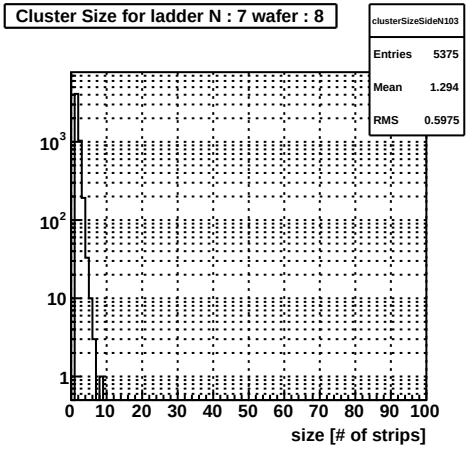

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 4023
Mean 1.336
RMS 0.6178
size [# of strips]

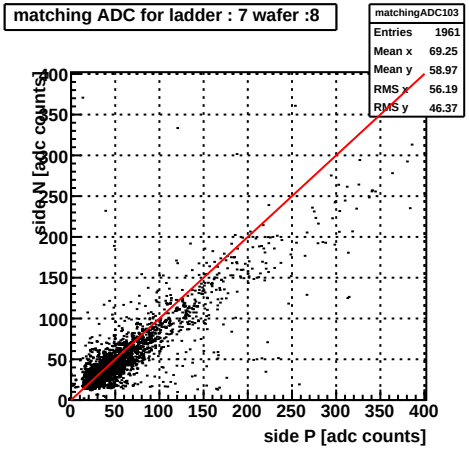

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1763
Mean x 58.79
Mean y 52.17
RMS x 52.12
RMS y 46.41
side N [adc counts]
side P [adc counts]

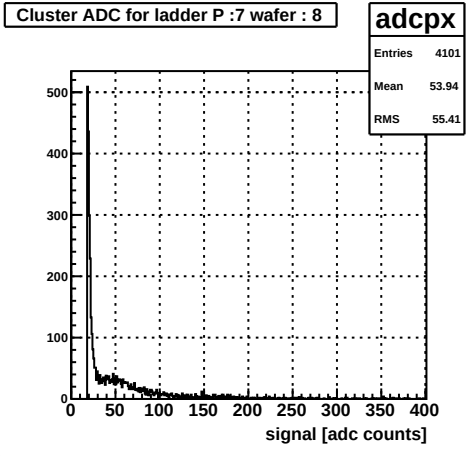

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 14084
Mean 34.54
RMS 30.89
signal [adc counts]

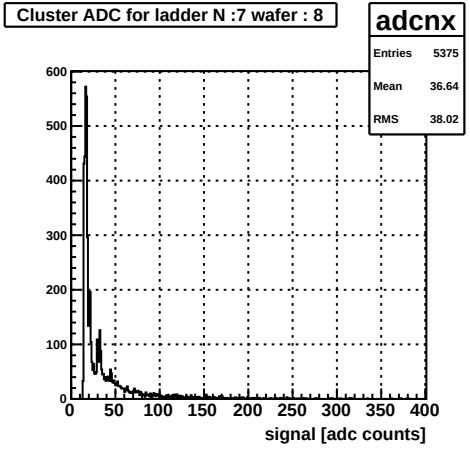

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 4023
Mean 42.21
RMS 42.46
signal [adc counts]

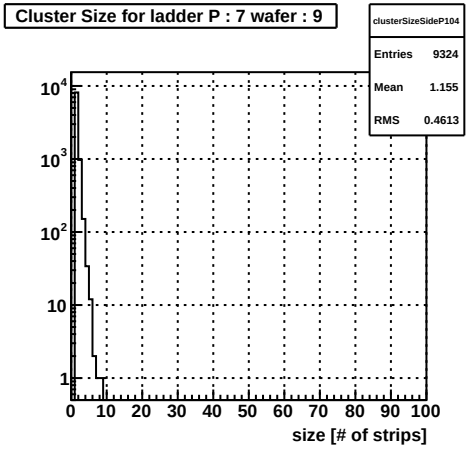

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4101
Mean 1.226
RMS 0.5255
size [# of strips]

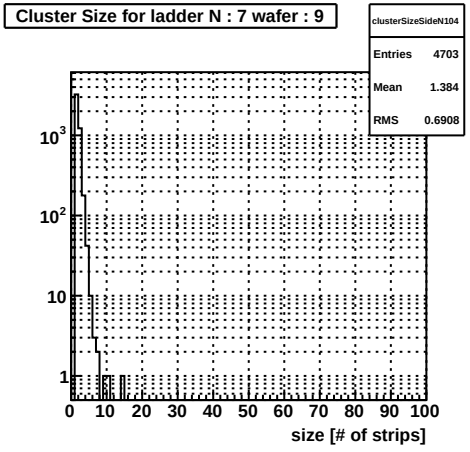

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 5375
Mean 1.294
RMS 0.5975
size [# of strips]

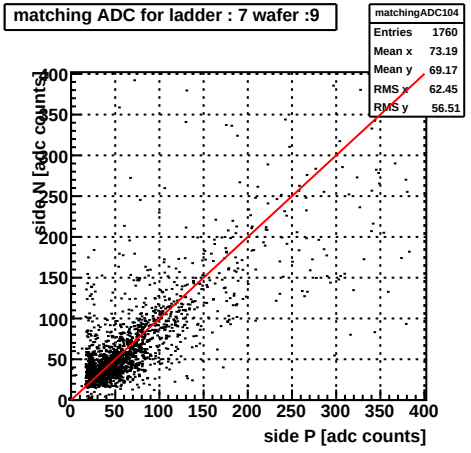

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1961
Mean x 69.25
Mean y 58.97
RMS x 56.19
RMS y 46.37
side N [adc counts]
side P [adc counts]

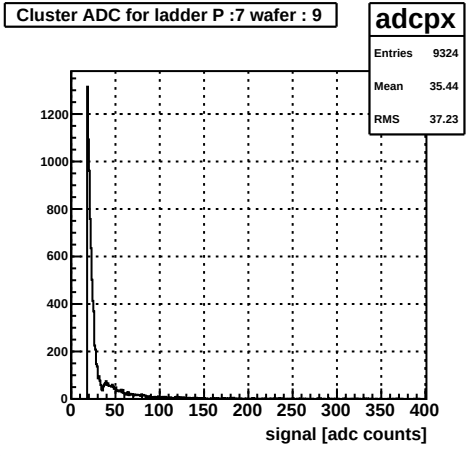

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4101
Mean 53.94
RMS 55.41
signal [adc counts]

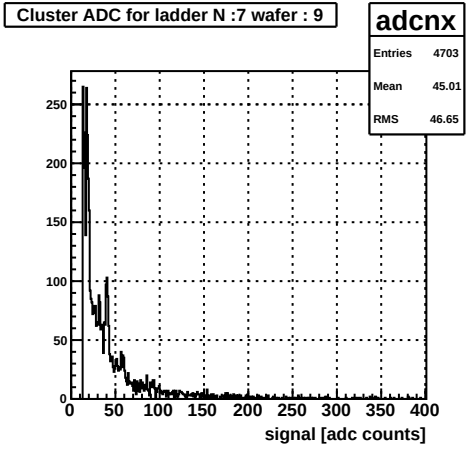

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 5375
Mean 36.64
RMS 38.02
signal [adc counts]

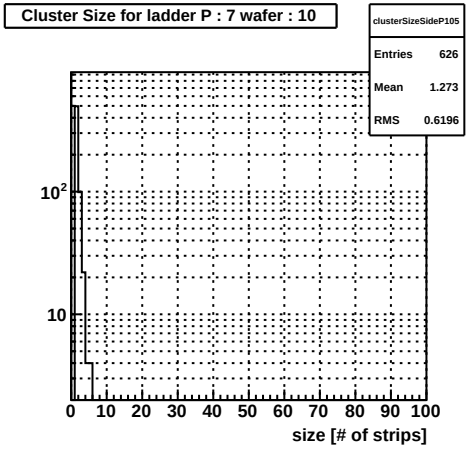

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 9324
Mean 1.155
RMS 0.4613
size [# of strips]

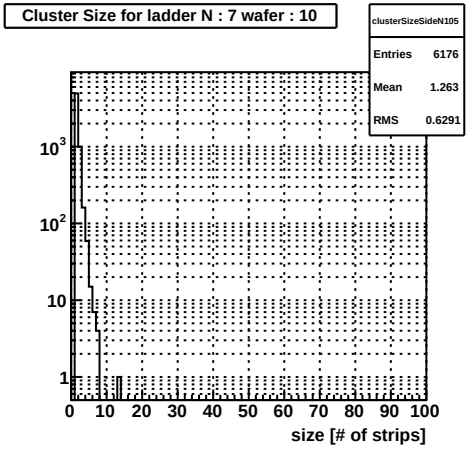

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4703
Mean 1.384
RMS 0.6908
size [# of strips]

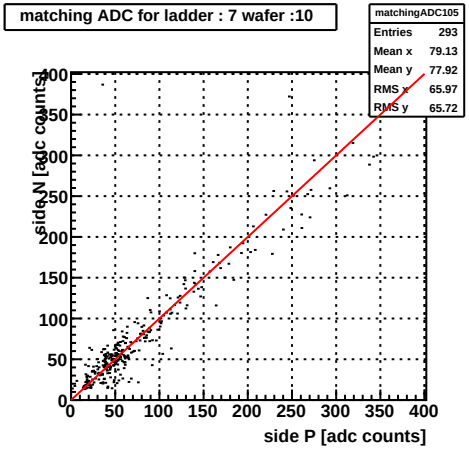

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1760
Mean x 73.19
Mean y 69.17
RMS x 62.45
RMS y 56.51
side N [adc counts]
side P [adc counts]

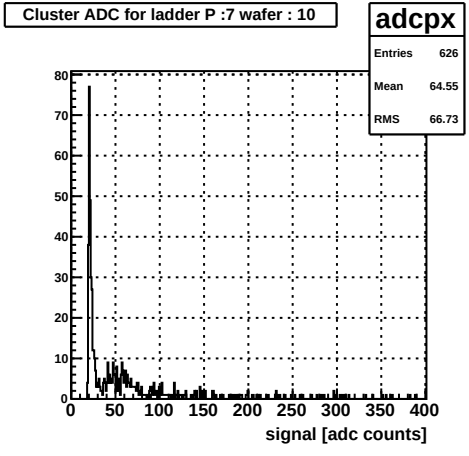

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 9324
Mean 35.44
RMS 37.23
signal [adc counts]

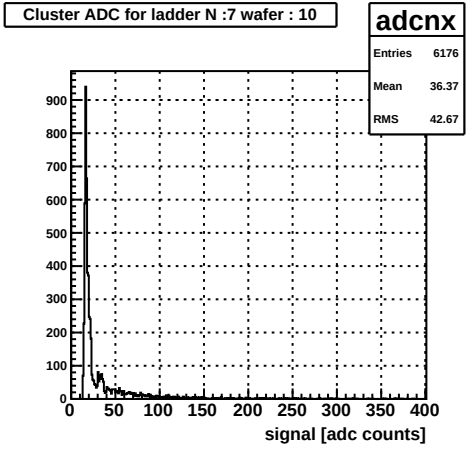

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4703
Mean 45.01
RMS 46.65
signal [adc counts]

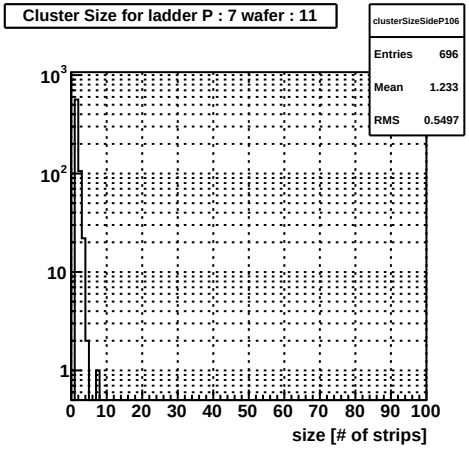

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 626
Mean 1.273
RMS 0.6196
size [# of strips]

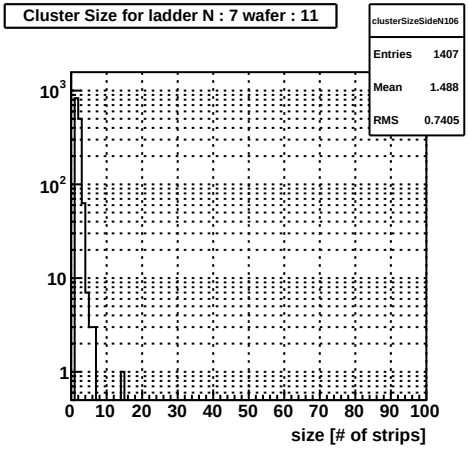

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 6176
Mean 1.263
RMS 0.6291
size [# of strips]

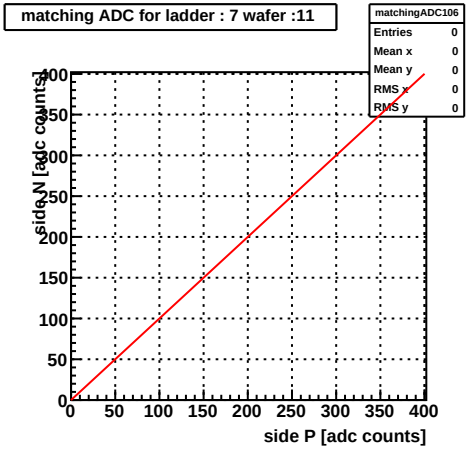

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 293
Mean x 79.13
Mean y 77.92
RMS x 65.97
RMS y 65.72
side N [adc counts]
side P [adc counts]

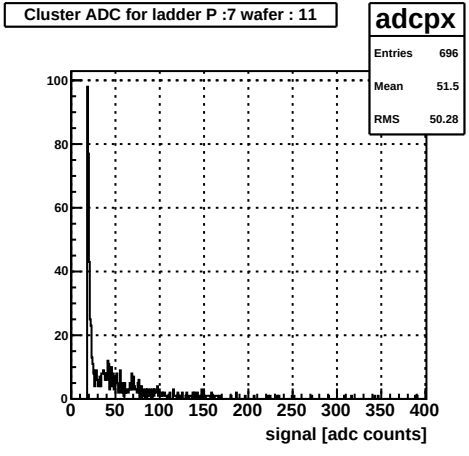

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 626
Mean 64.55
RMS 66.73
signal [adc counts]

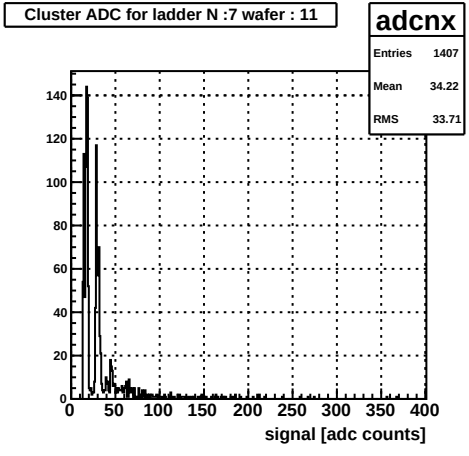

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 6176
Mean 36.37
RMS 42.67
signal [adc counts]

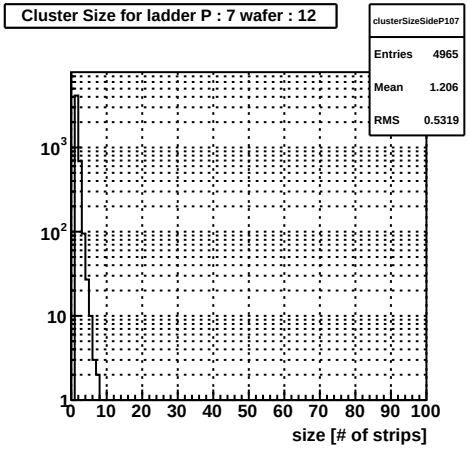

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 696
Mean 1.233
RMS 0.5497
size [# of strips]

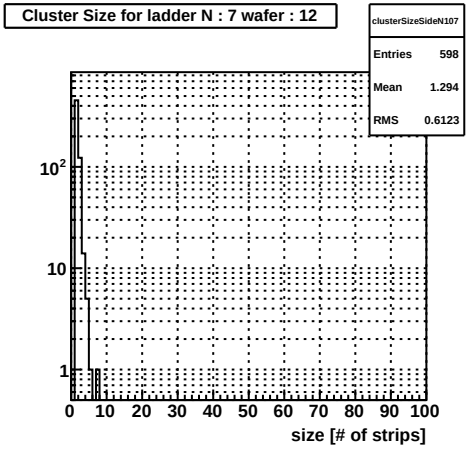

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1407
Mean 1.488
RMS 0.7405
size [# of strips]

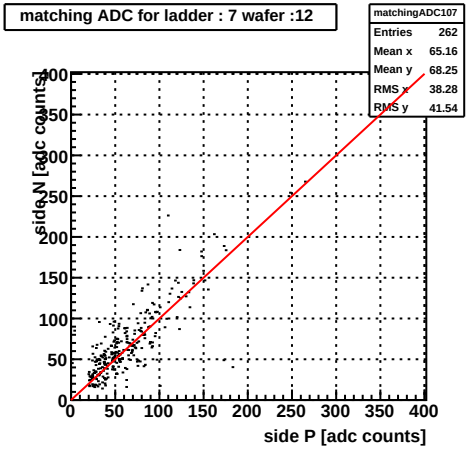

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

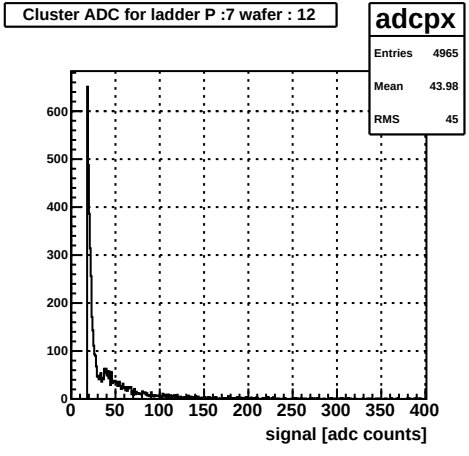

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 696
Mean 51.5
RMS 50.28
signal [adc counts]

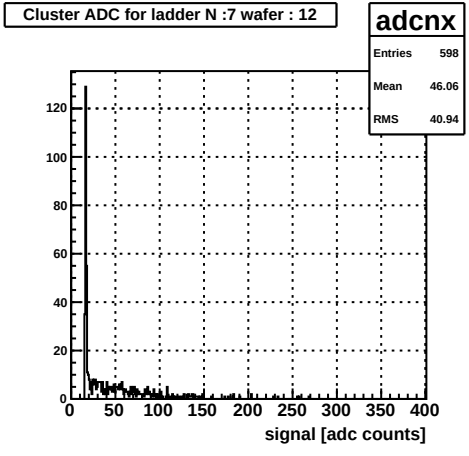

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1407
Mean 34.22
RMS 33.71
signal [adc counts]

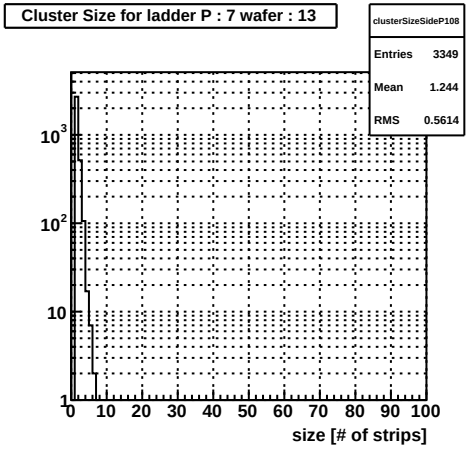

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 4965
Mean 1.206
RMS 0.5319
size [# of strips]

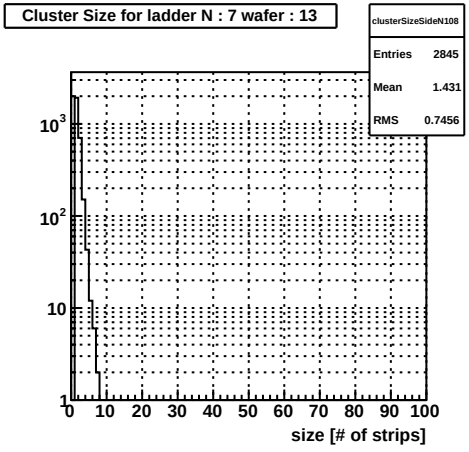

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 598
Mean 1.294
RMS 0.6123
size [# of strips]

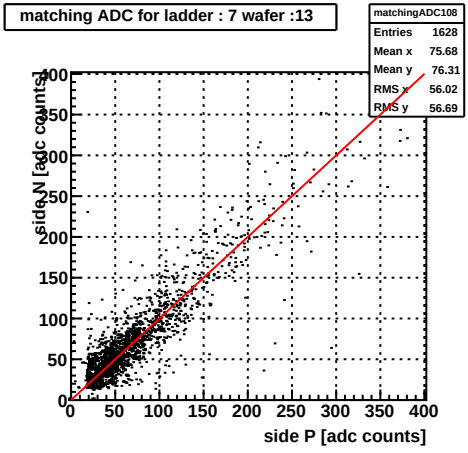

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 262
Mean x 65.16
Mean y 68.25
RMS x 38.28
RMS y 41.54
side N [adc counts]
side P [adc counts]

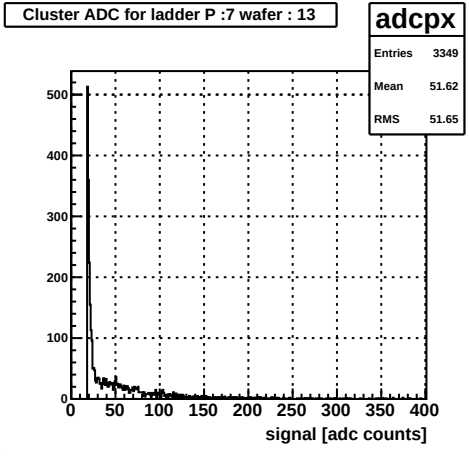

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 4965
Mean 43.98
RMS 45
signal [adc counts]

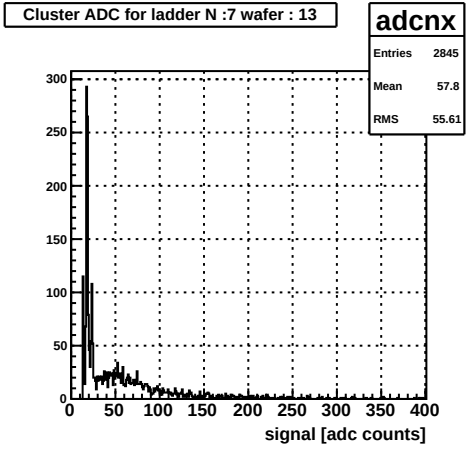

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 598
Mean 46.06
RMS 40.94
signal [adc counts]

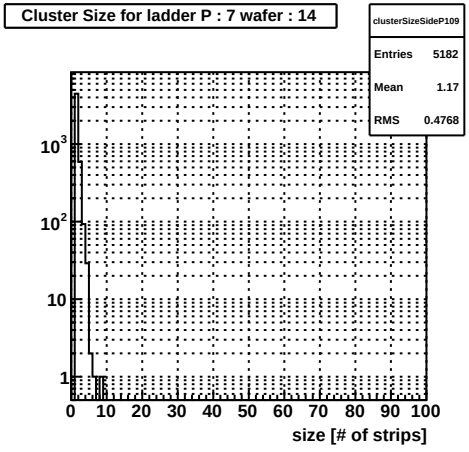

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3349
Mean 1.244
RMS 0.5614
size [# of strips]

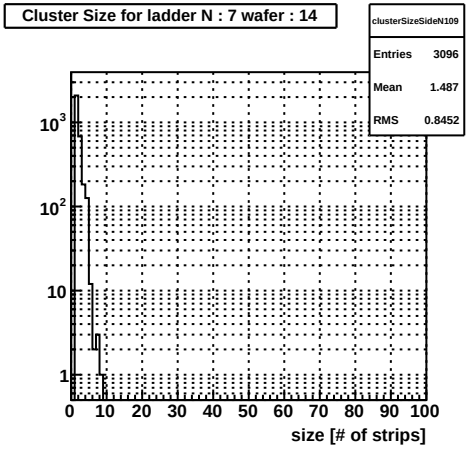

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2845
Mean 1.431
RMS 0.7456
size [# of strips]

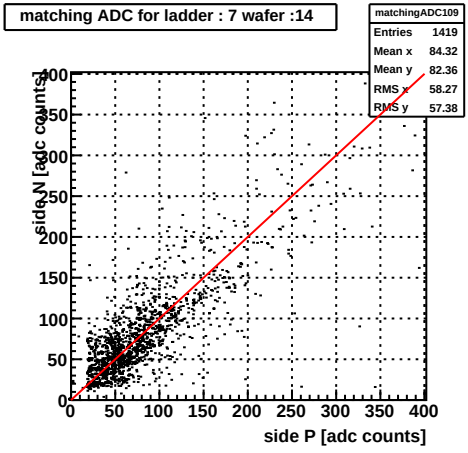

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1628
Mean x 75.68
Mean y 76.31
RMS x 56.02
RMS y 56.69
side N [adc counts]
side P [adc counts]

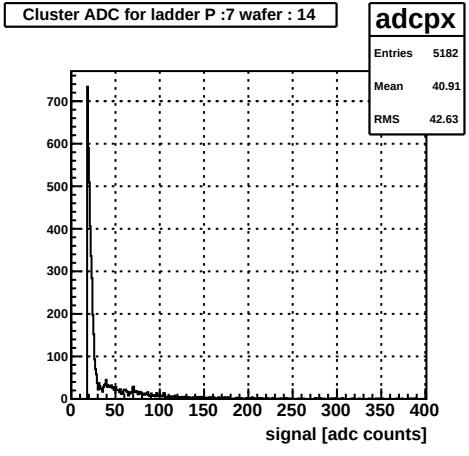

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3349
Mean 51.62
RMS 51.65
signal [adc counts]

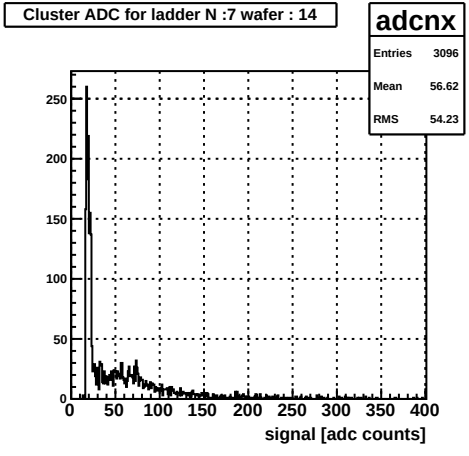

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2845
Mean 57.8
RMS 55.61
signal [adc counts]

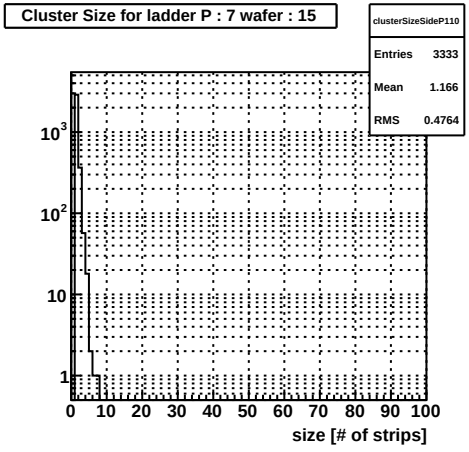

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5182
Mean 1.17
RMS 0.4768
size [# of strips]

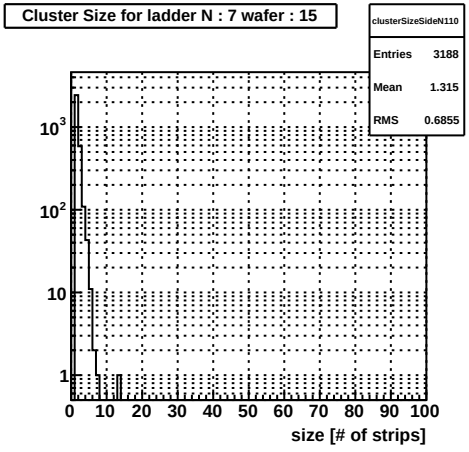

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 3096
Mean 1.487
RMS 0.8452
size [# of strips]

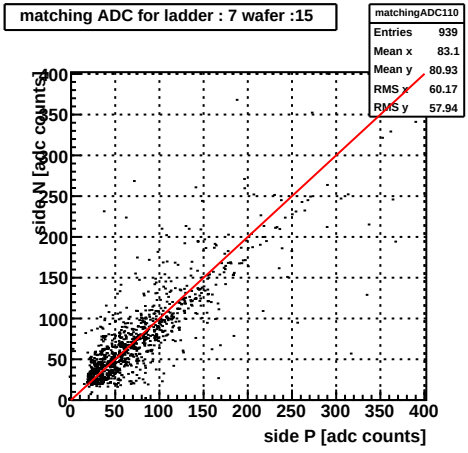

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1419
Mean x 84.32
Mean y 82.36
RMS x 58.27
RMS y 57.38
side N [adc counts]
side P [adc counts]

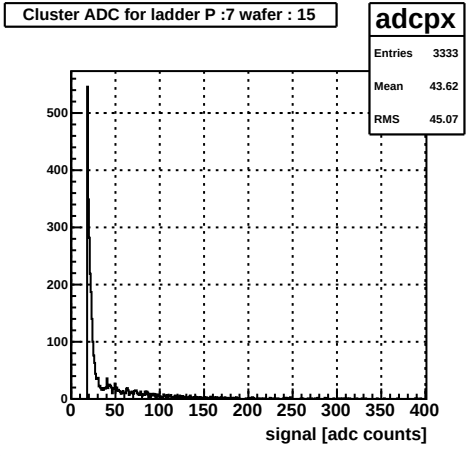

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5182
Mean 40.91
RMS 42.63
signal [adc counts]

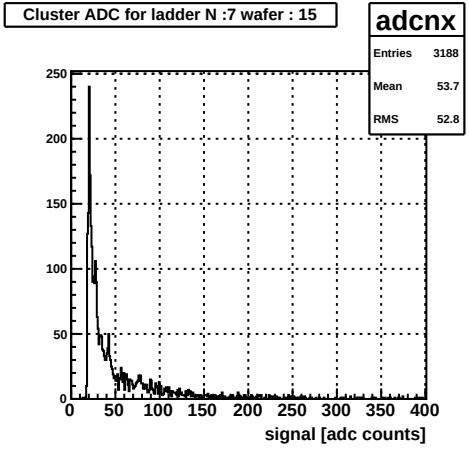

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 3096
Mean 56.62
RMS 54.23
signal [adc counts]

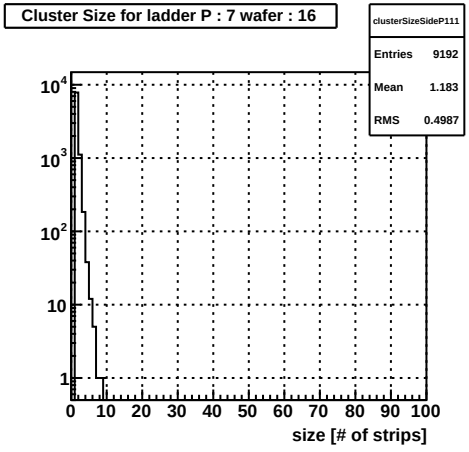

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3333
Mean 1.166
RMS 0.4764
size [# of strips]

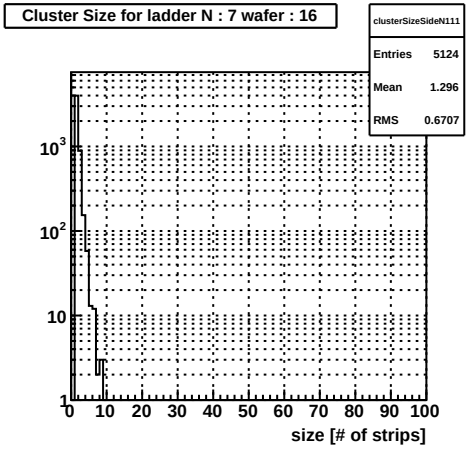

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3188
Mean 1.315
RMS 0.6855
size [# of strips]

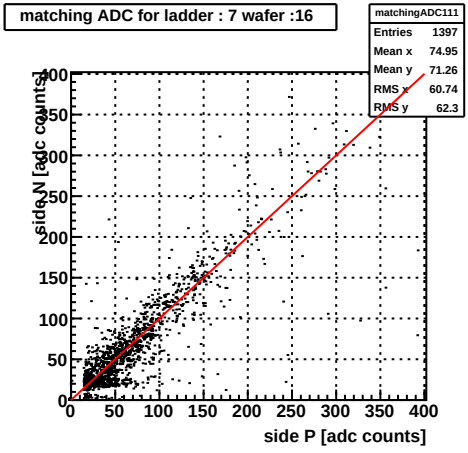

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 939
Mean x 83.1
Mean y 80.93
RMS x 60.17
RMS y 57.94
side N [adc counts]
side P [adc counts]

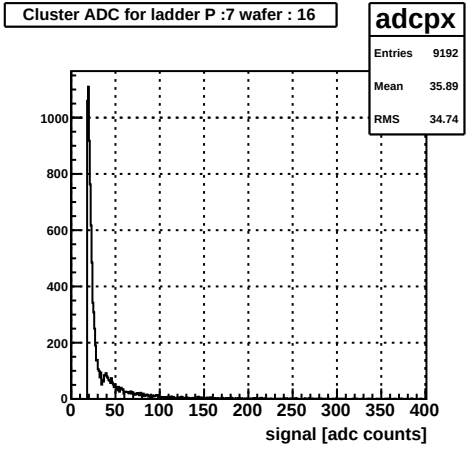

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3333
Mean 43.62
RMS 45.07
signal [adc counts]

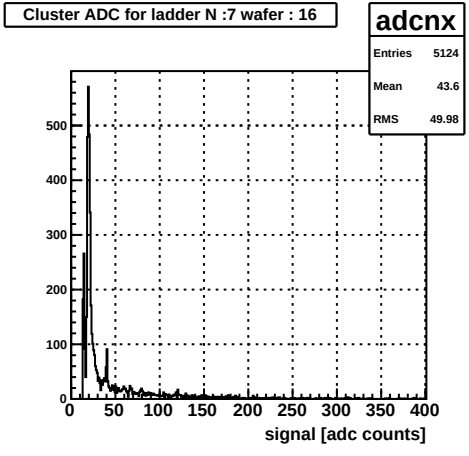

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3188
Mean 53.7
RMS 52.8
signal [adc counts]

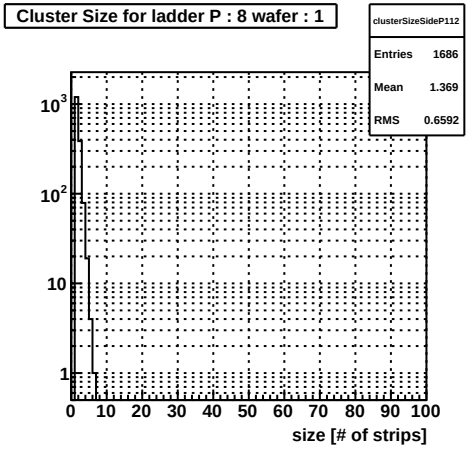

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 9192
Mean 1.183
RMS 0.4987
size [# of strips]

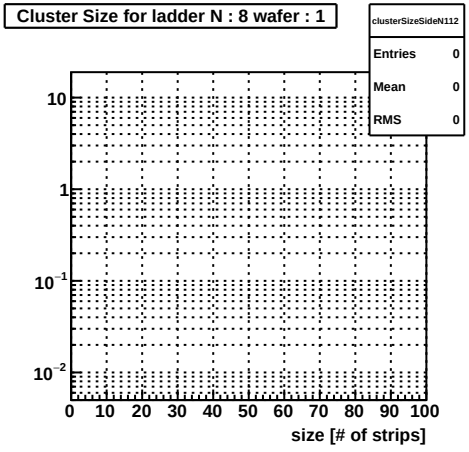

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5124
Mean 1.296
RMS 0.6707
size [# of strips]

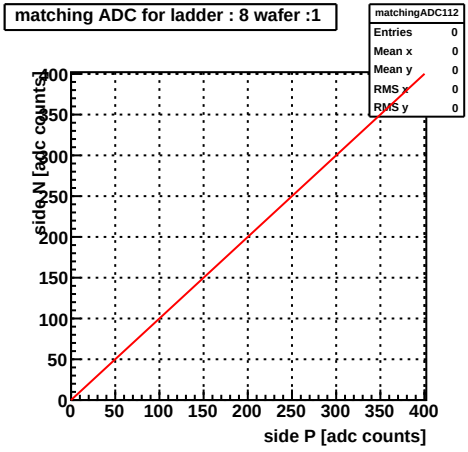

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1397
Mean x 74.95
Mean y 71.26
RMS x 60.74
RMS y 62.3
side N [adc counts]
side P [adc counts]

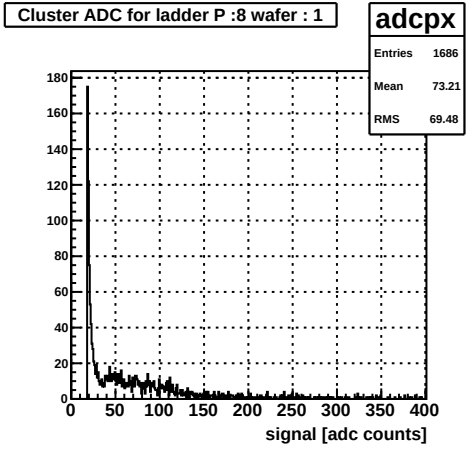

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 9192
Mean 35.89
RMS 34.74
signal [adc counts]

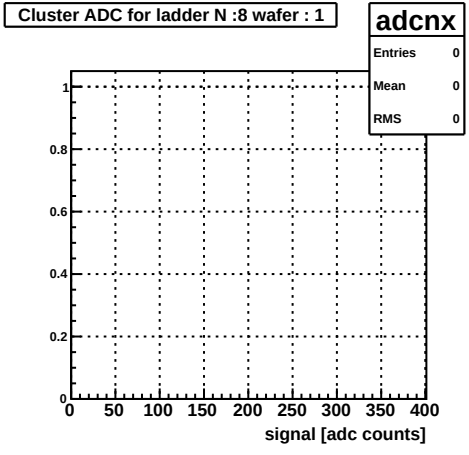

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5124
Mean 43.6
RMS 49.98
signal [adc counts]

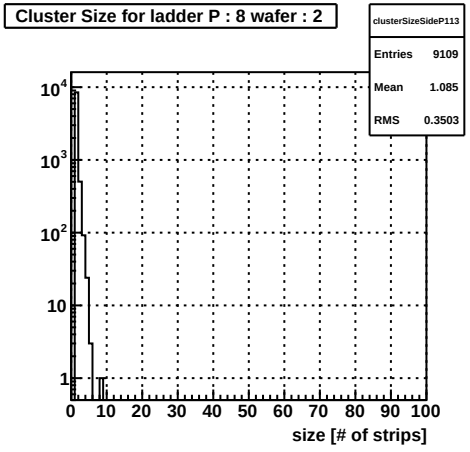

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1686
Mean 1.369
RMS 0.6592
size [# of strips]

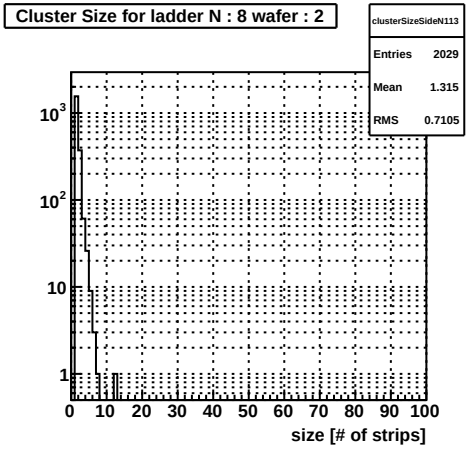

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

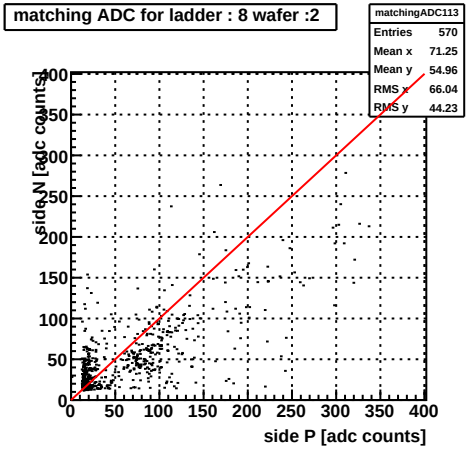

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

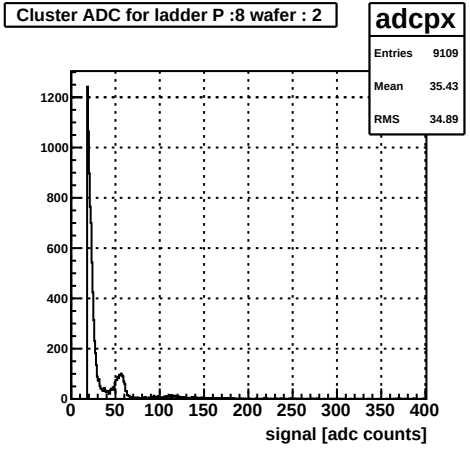

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1686
Mean 73.21
RMS 69.48
signal [adc counts]

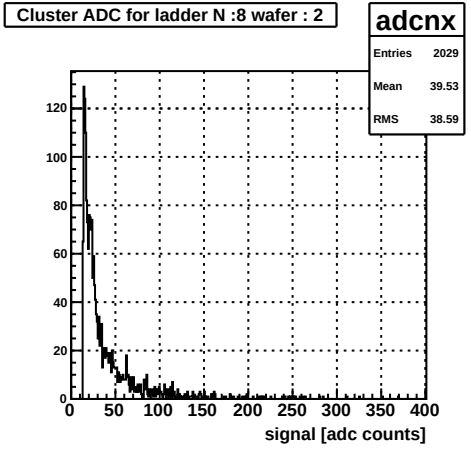

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

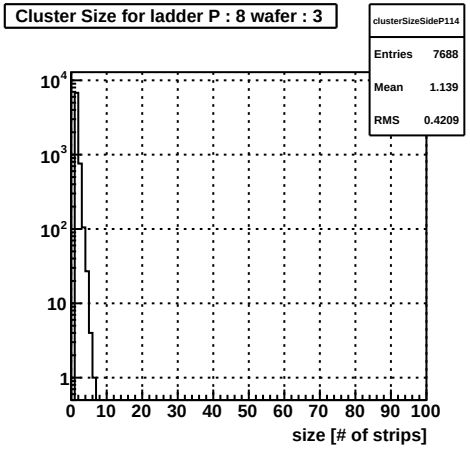

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9109
Mean 1.085
RMS 0.3503
size [# of strips]

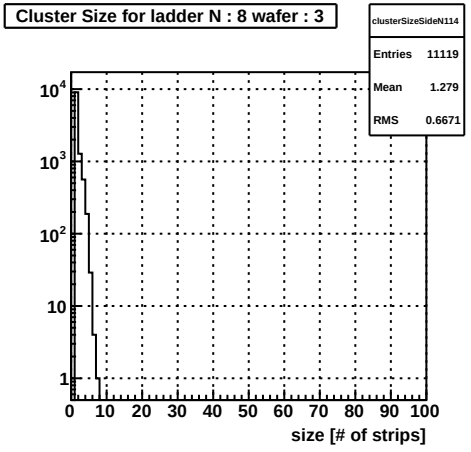

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2029
Mean 1.315
RMS 0.7105
size [# of strips]

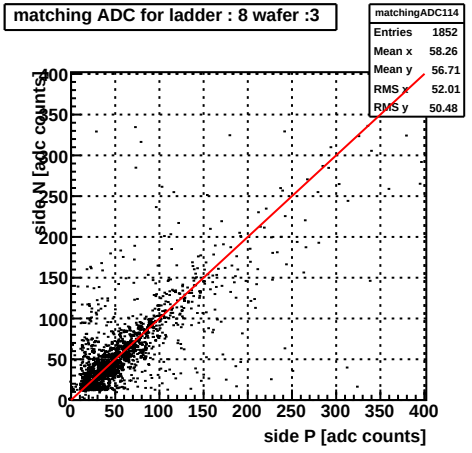

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 570
Mean x 71.25
Mean y 54.96
RMS x 66.04
RMS y 44.23
side N [adc counts]
side P [adc counts]

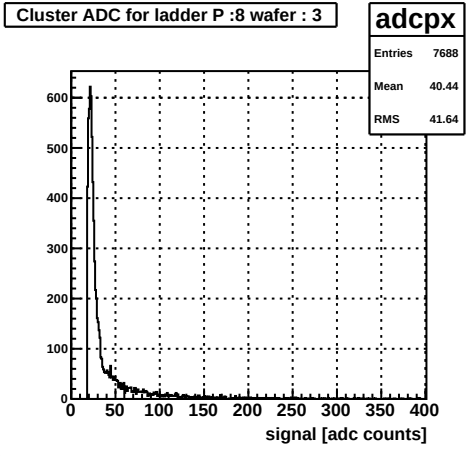

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9109
Mean 35.43
RMS 34.89
signal [adc counts]

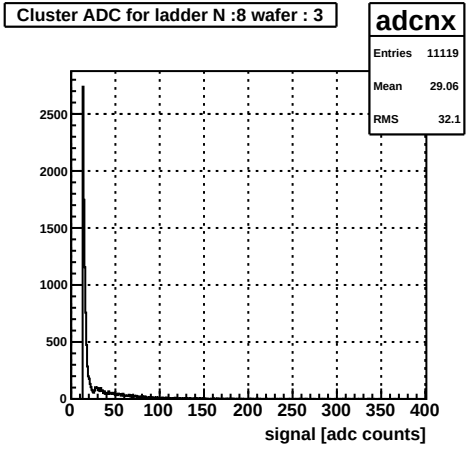

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2029
Mean 39.53
RMS 38.59
signal [adc counts]

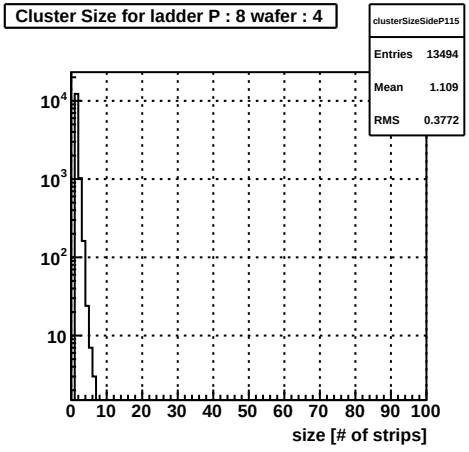

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7688
Mean 1.139
RMS 0.4209
size [# of strips]

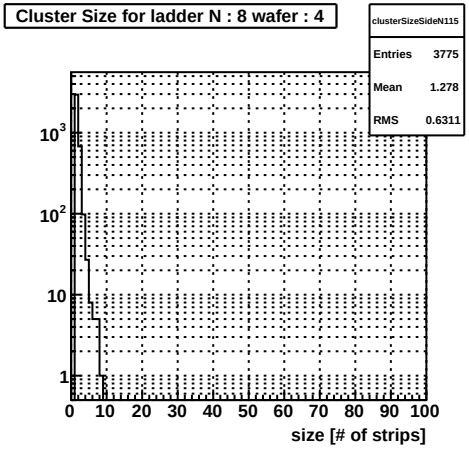

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11119
Mean 1.279
RMS 0.6671
size [# of strips]

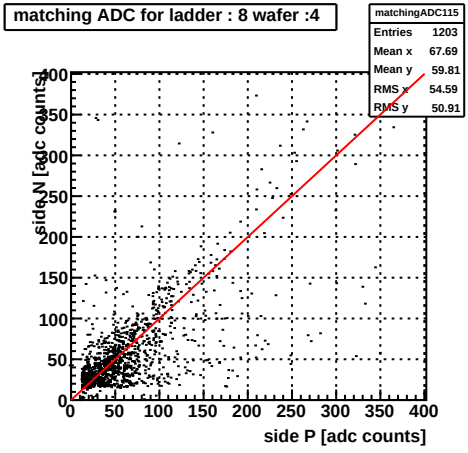

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1852
Mean x 58.26
Mean y 56.71
RMS x 52.01
RMS y 50.48
side N [adc counts]
side P [adc counts]

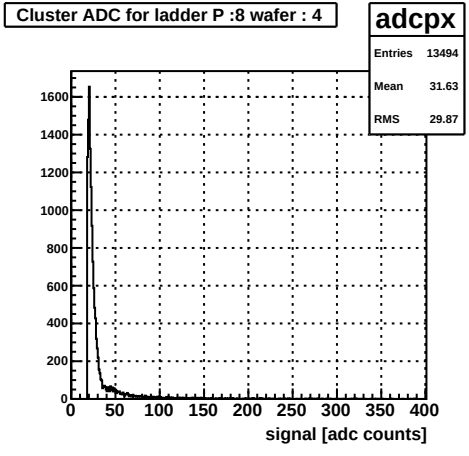

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7688
Mean 40.44
RMS 41.64
signal [adc counts]

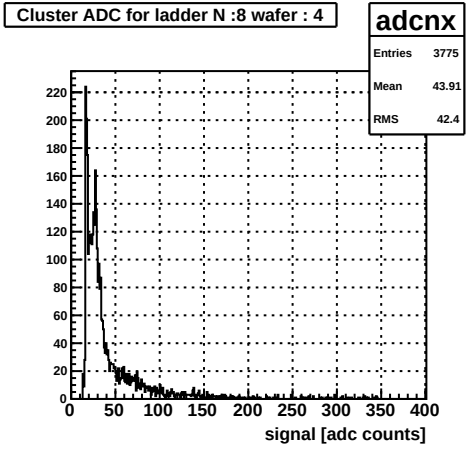

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11119
Mean 29.06
RMS 32.1
signal [adc counts]

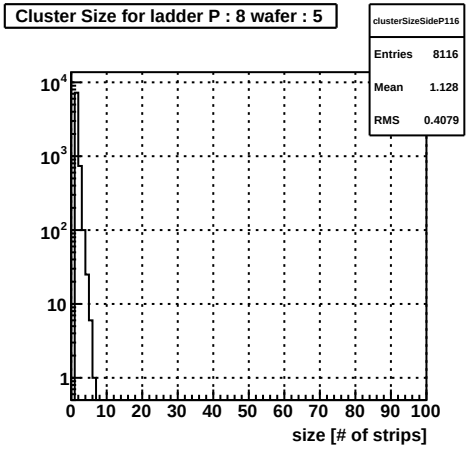

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13494
Mean 1.109
RMS 0.3772
size [# of strips]

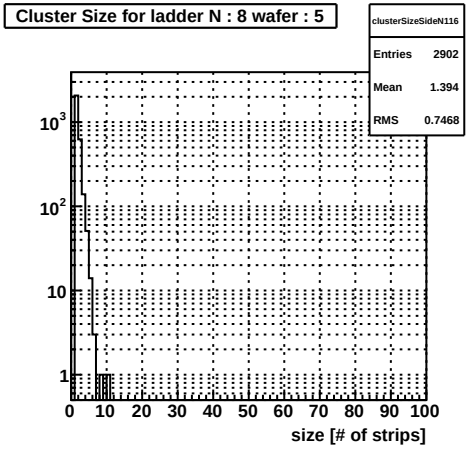

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3775
Mean 1.278
RMS 0.6311
size [# of strips]

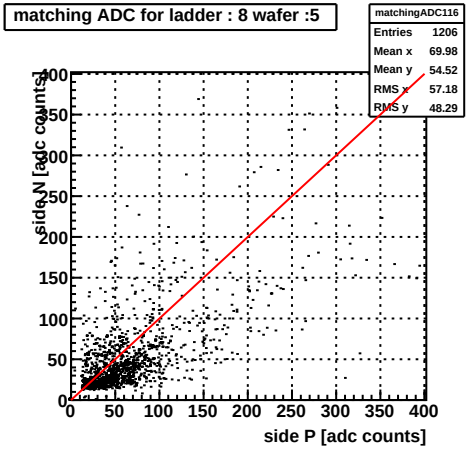

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1203
Mean x 67.69
Mean y 59.81
RMS x 54.59
RMS y 50.91
side N [adc counts]
side P [adc counts]

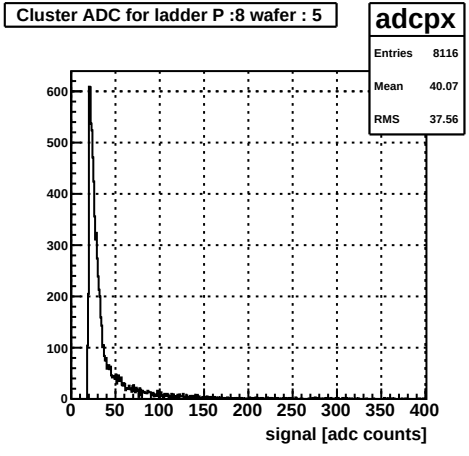

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13494
Mean 31.63
RMS 29.87
signal [adc counts]

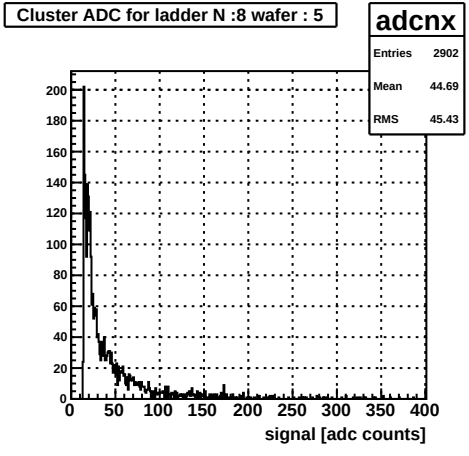

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3775
Mean 43.91
RMS 42.4
signal [adc counts]

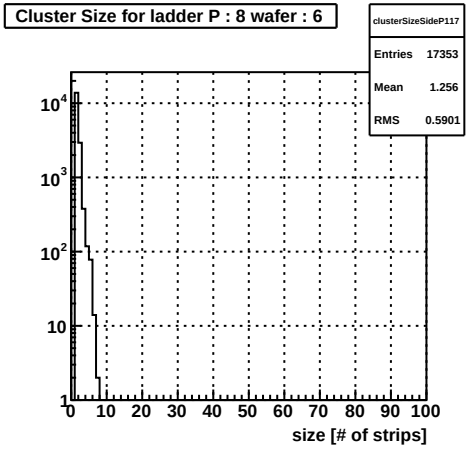

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8116
Mean 1.128
RMS 0.4079
size [# of strips]

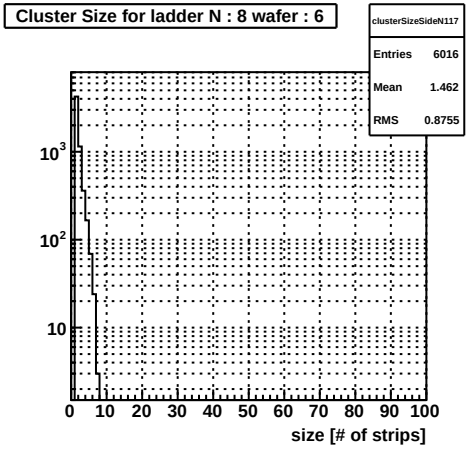

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2902
Mean 1.394
RMS 0.7468
size [# of strips]

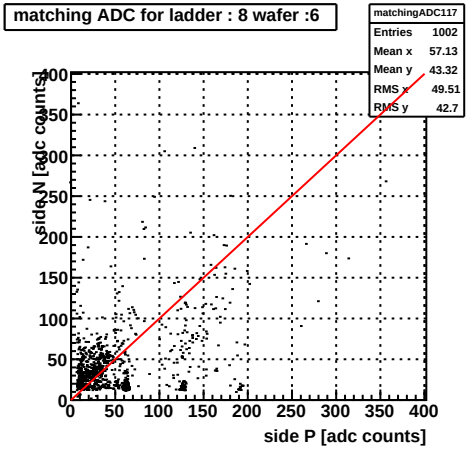

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1206
Mean x 69.98
Mean y 54.52
RMS x 57.18
RMS y 48.29
side N [adc counts]
side P [adc counts]

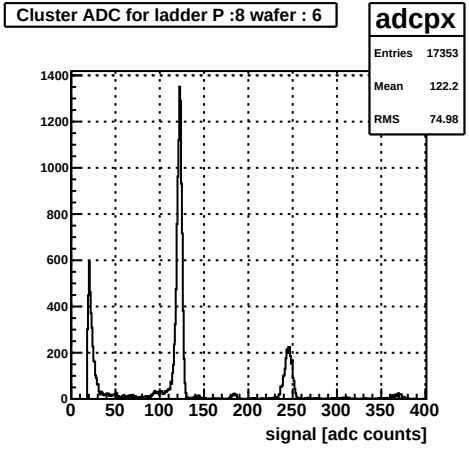

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8116
Mean 40.07
RMS 37.56
signal [adc counts]

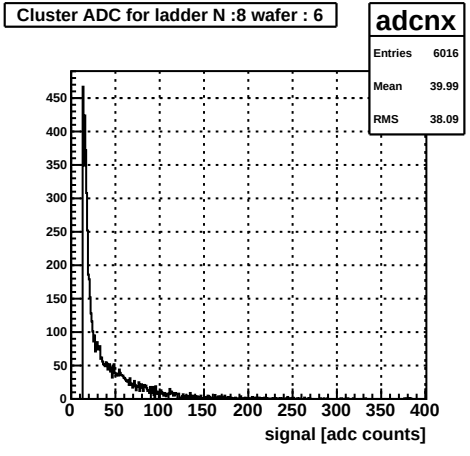

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2902
Mean 44.69
RMS 45.43
signal [adc counts]

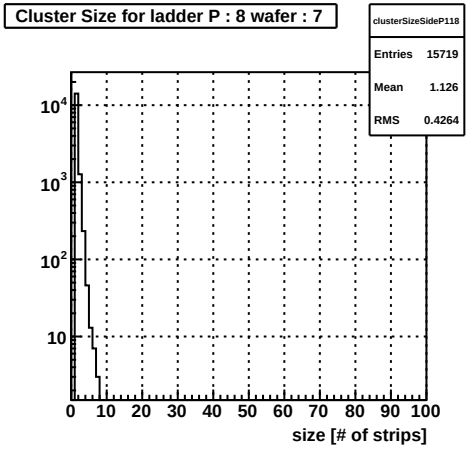

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 17353
Mean 1.256
RMS 0.5901
size [# of strips]

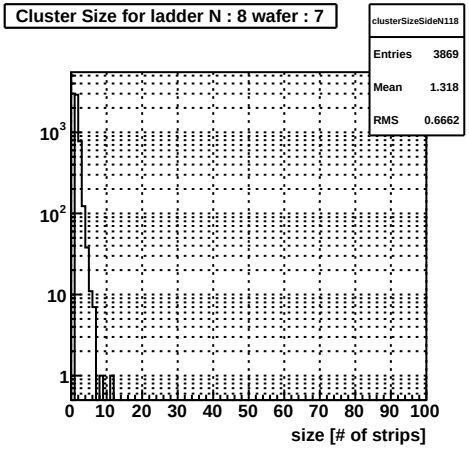

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6016
Mean 1.462
RMS 0.8755
size [# of strips]

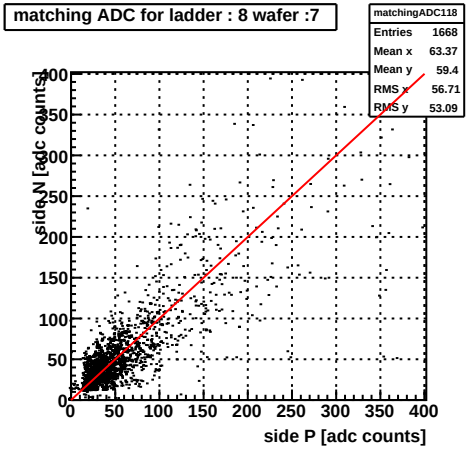

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1002
Mean x 57.13
Mean y 43.32
RMS x 49.51
RMS y 42.7
side N [adc counts]
side P [adc counts]

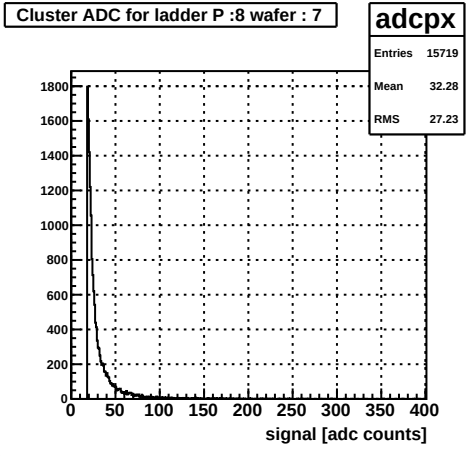

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 17353
Mean 122.2
RMS 74.98
signal [adc counts]

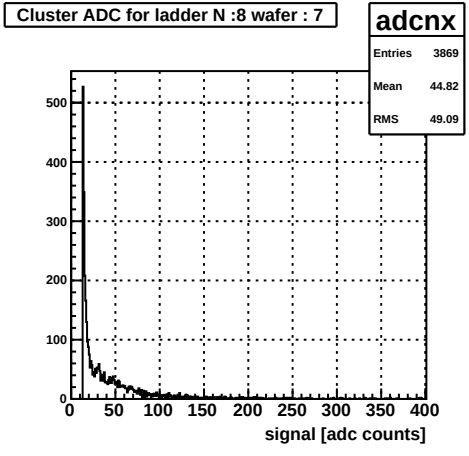

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6016
Mean 39.99
RMS 38.09
signal [adc counts]

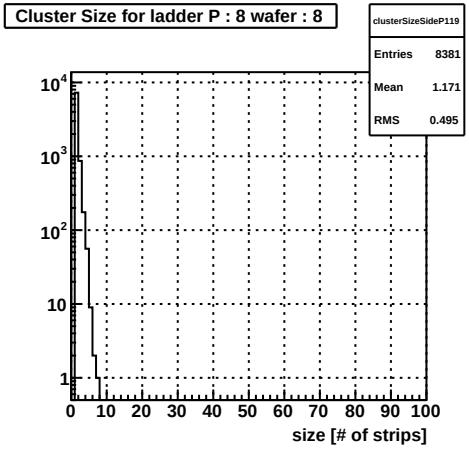

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 15719
Mean 1.126
RMS 0.4264
size [# of strips]

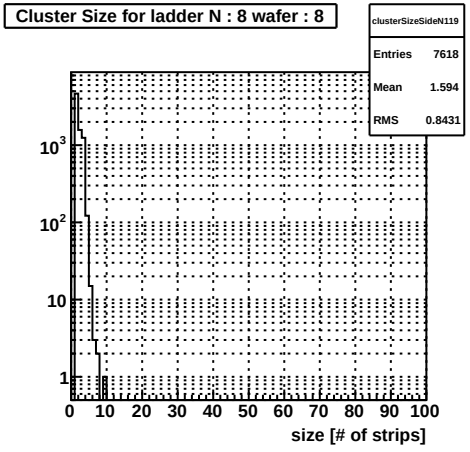

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3869
Mean 1.318
RMS 0.6662
size [# of strips]

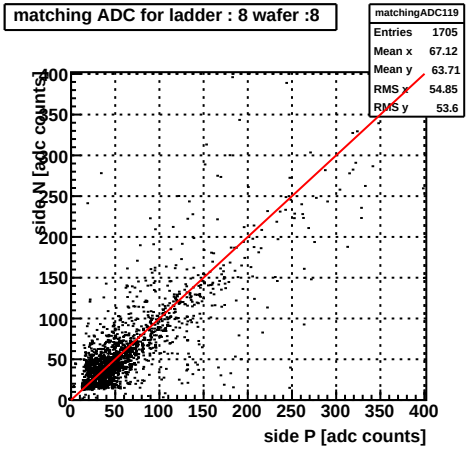

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1668
Mean x 63.37
Mean y 59.4
RMS x 56.71
RMS y 53.09
side N [adc counts]
side P [adc counts]

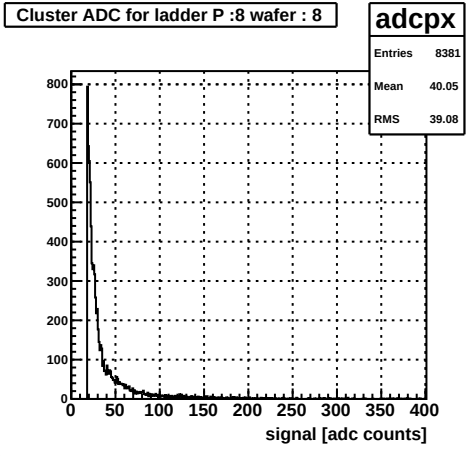

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 15719
Mean 32.28
RMS 27.23
signal [adc counts]

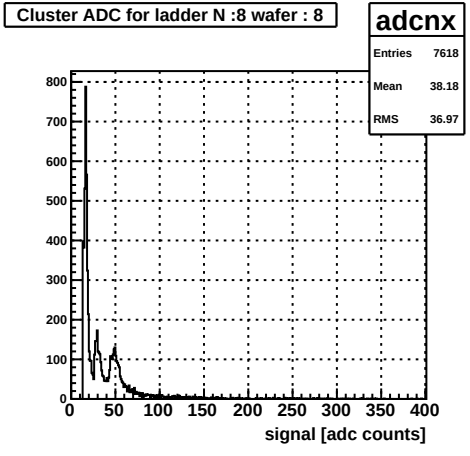

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3869
Mean 44.82
RMS 49.09
signal [adc counts]

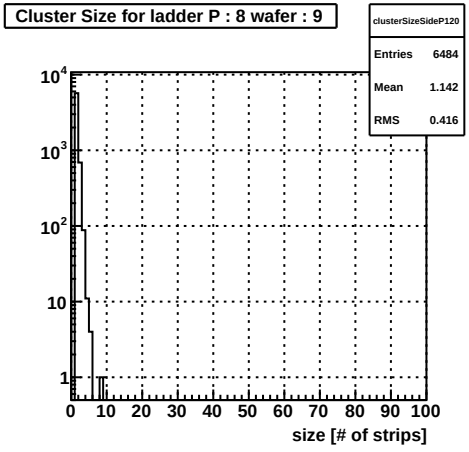

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8381
Mean 1.171
RMS 0.495
size [# of strips]

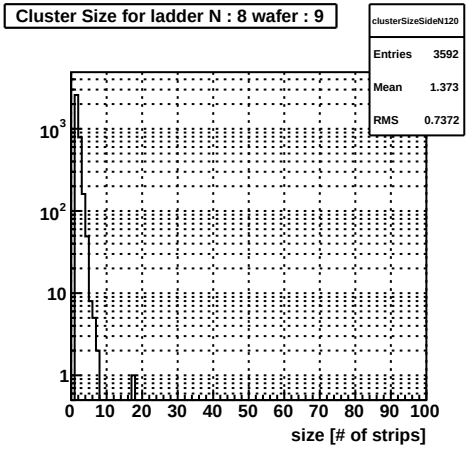

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7618
Mean 1.594
RMS 0.8431
size [# of strips]

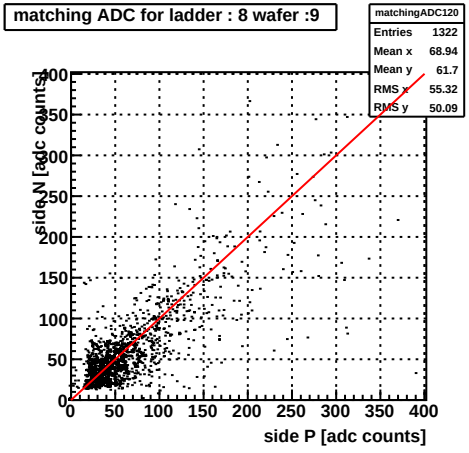

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1705
Mean x 67.12
Mean y 63.71
RMS x 54.85
RMS y 53.6
side N [adc counts]
side P [adc counts]

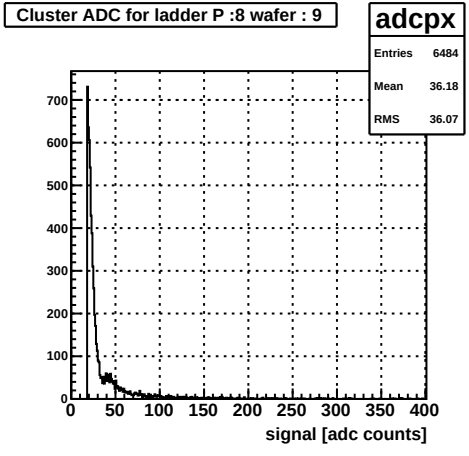

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8381
Mean 40.05
RMS 39.08
signal [adc counts]

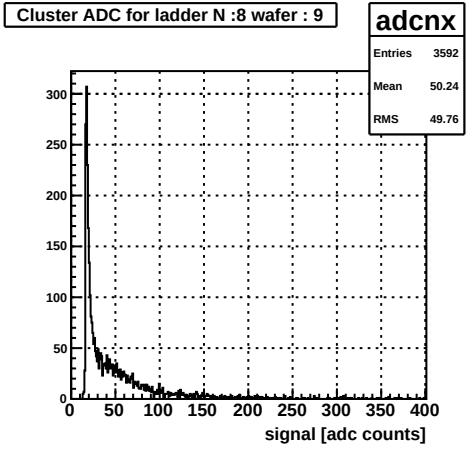

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7618
Mean 38.18
RMS 36.97
signal [adc counts]

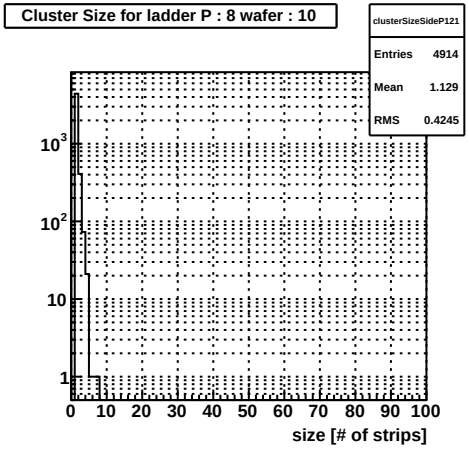

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6484
Mean 1.142
RMS 0.416
size [# of strips]

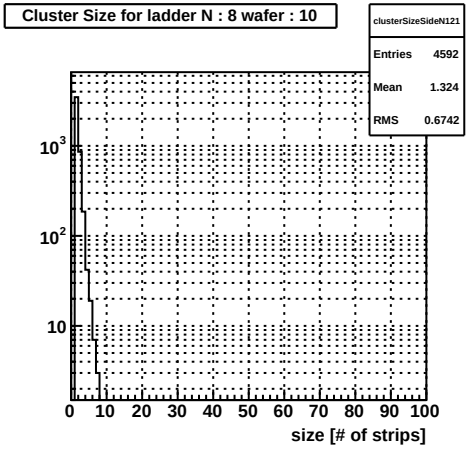

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3592
Mean 1.373
RMS 0.7372
size [# of strips]

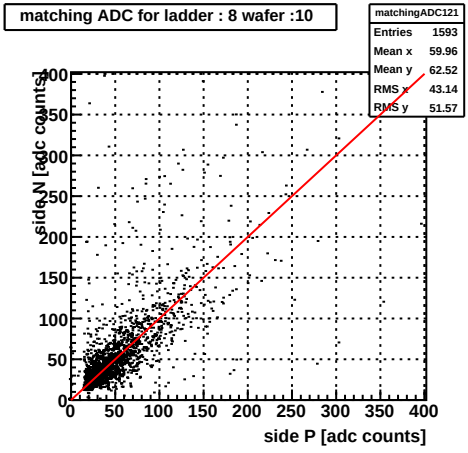

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1322
Mean x 68.94
Mean y 61.7
RMS x 55.32
RMS y 50.09
side N [adc counts]
side P [adc counts]

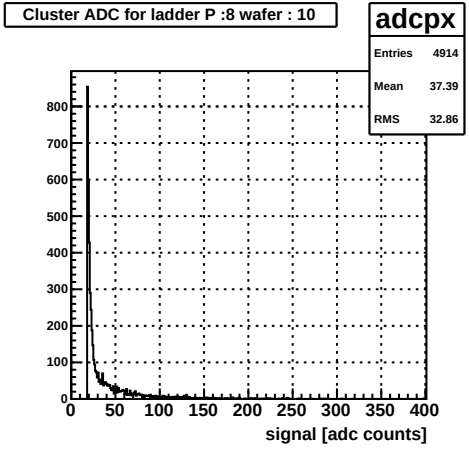

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6484
Mean 36.18
RMS 36.07
signal [adc counts]

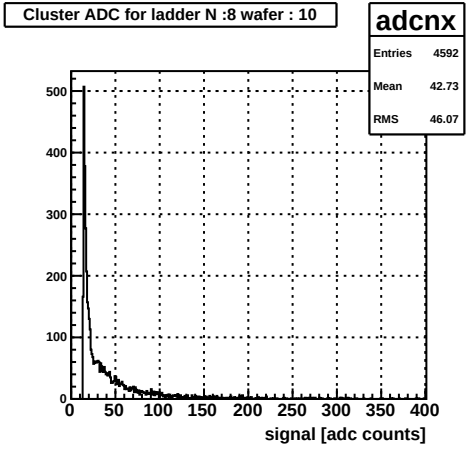

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3592
Mean 50.24
RMS 49.76
signal [adc counts]

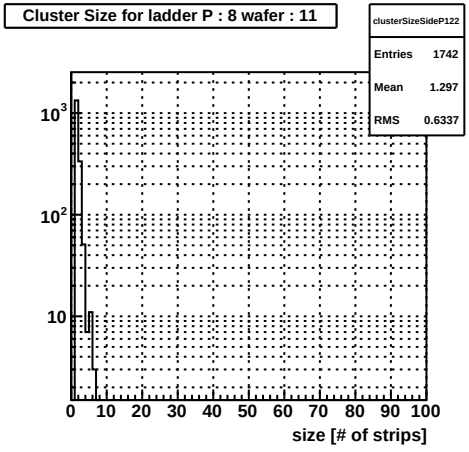

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4914
Mean 1.129
RMS 0.4245
size [# of strips]

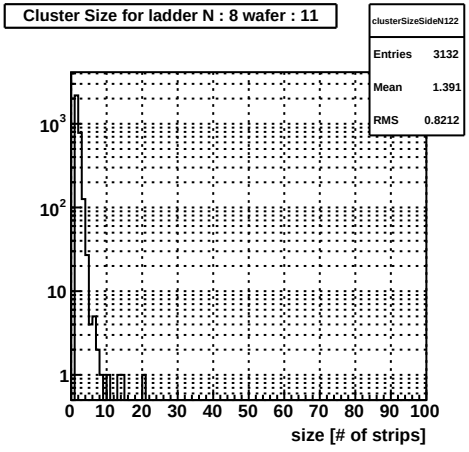

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4592
Mean 1.324
RMS 0.6742
size [# of strips]

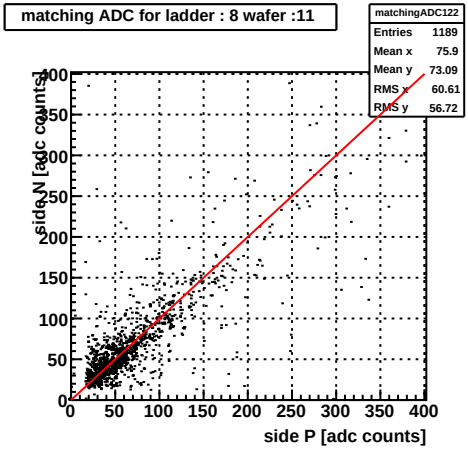

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1593
Mean x 59.96
Mean y 62.52
RMS x 43.14
RMS y 51.57
side N [adc counts]
side P [adc counts]

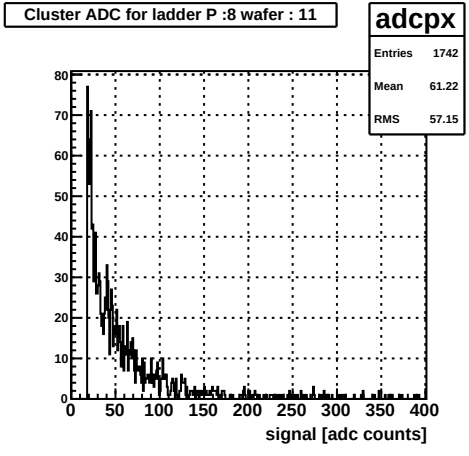

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4914
Mean 37.39
RMS 32.86
signal [adc counts]

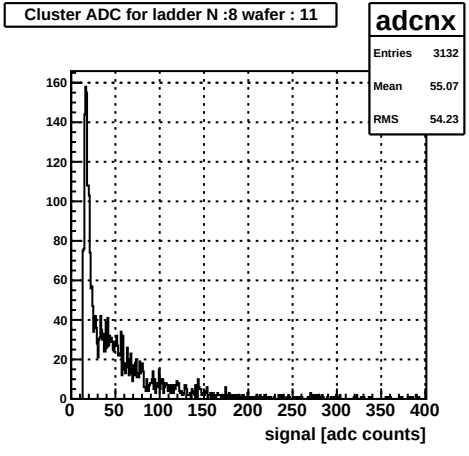

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4592
Mean 42.73
RMS 46.07
signal [adc counts]

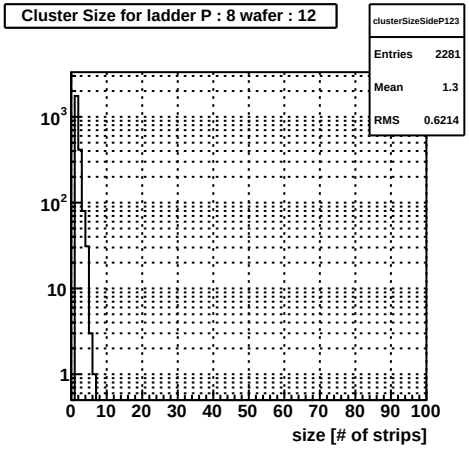

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1742
Mean 1.297
RMS 0.6337
size [# of strips]

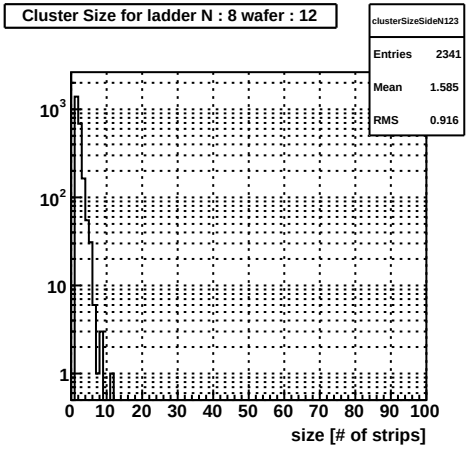

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3132
Mean 1.391
RMS 0.8212
size [# of strips]

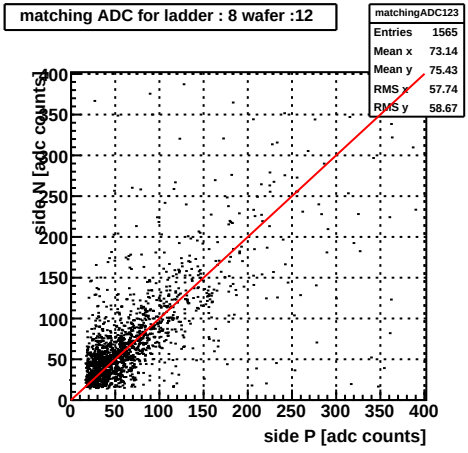

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1189
Mean x 75.9
Mean y 73.09
RMS x 60.61
RMS y 56.72
side N [adc counts]
side P [adc counts]

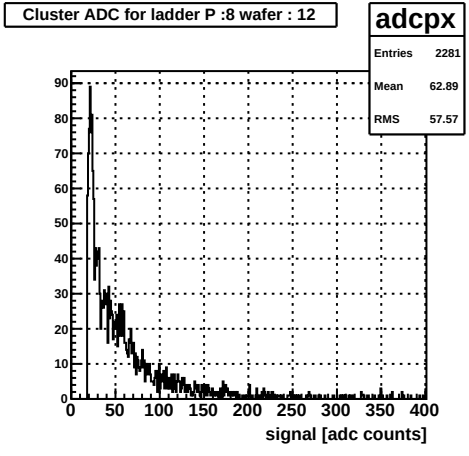

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1742
Mean 61.22
RMS 57.15
signal [adc counts]

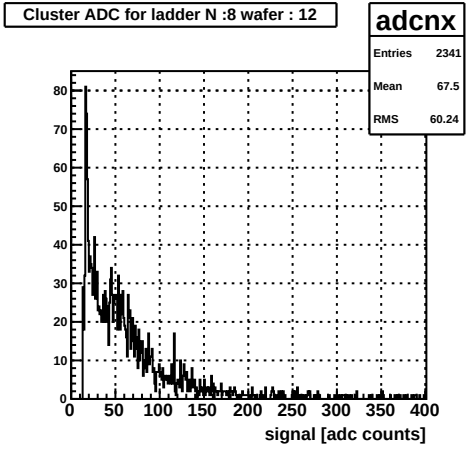

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3132
Mean 55.07
RMS 54.23
signal [adc counts]

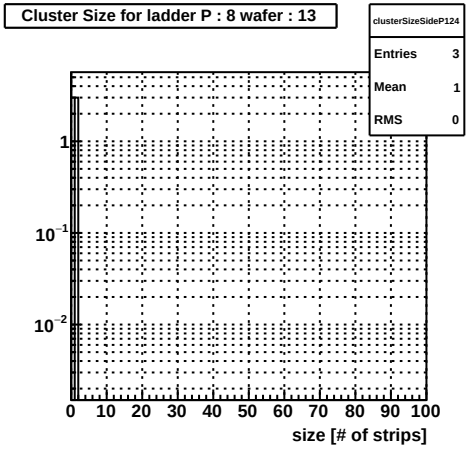

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2281
Mean 1.3
RMS 0.6214
size [# of strips]

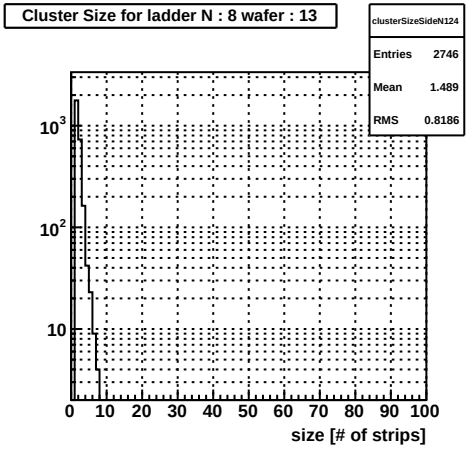

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2341
Mean 1.585
RMS 0.916
size [# of strips]

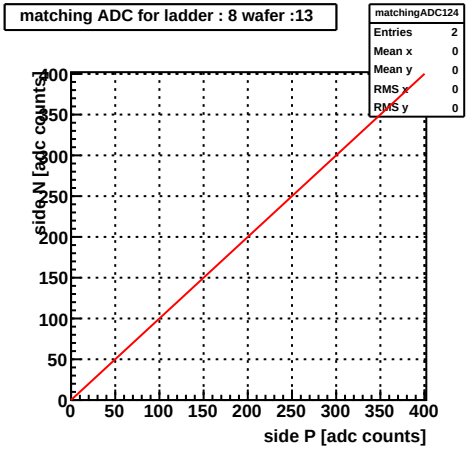

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1565
Mean x 73.14
Mean y 75.43
RMS x 57.74
RMS y 58.67
side N [adc counts]
side P [adc counts]

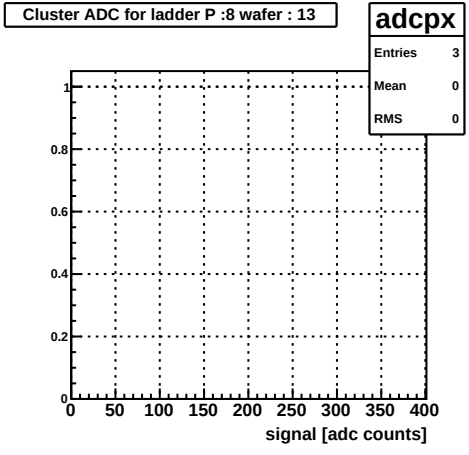

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2281
Mean 62.89
RMS 57.57
signal [adc counts]

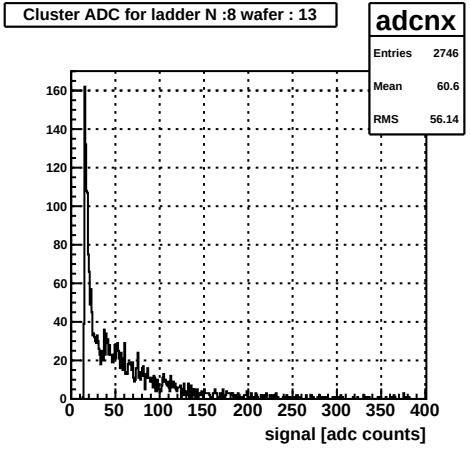

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2341
Mean 67.5
RMS 60.24
signal [adc counts]

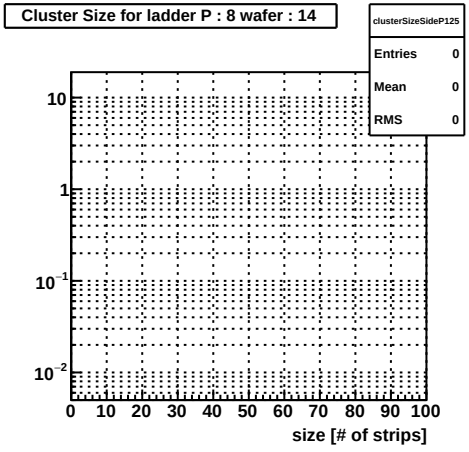

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 3
Mean 1
RMS 0
size [# of strips]

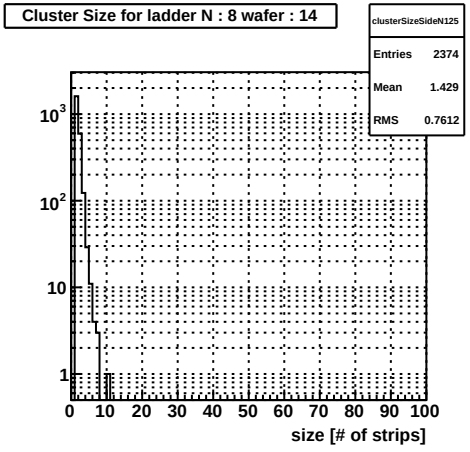

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2746
Mean 1.489
RMS 0.8186
size [# of strips]

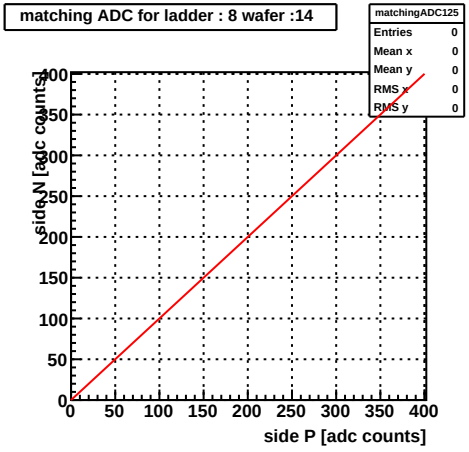

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

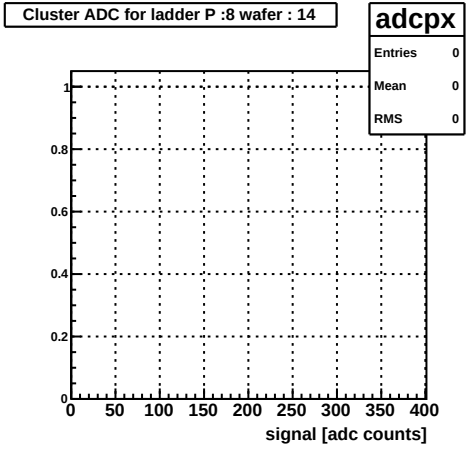

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

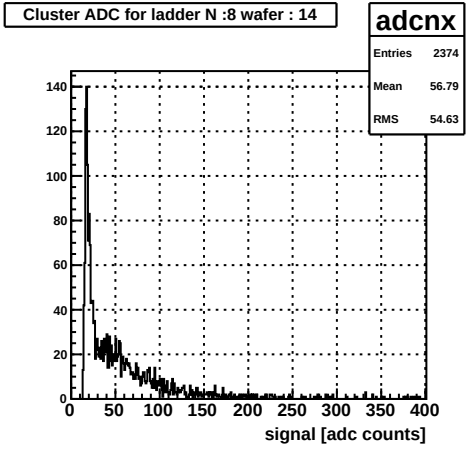

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2746
Mean 60.6
RMS 56.14
signal [adc counts]

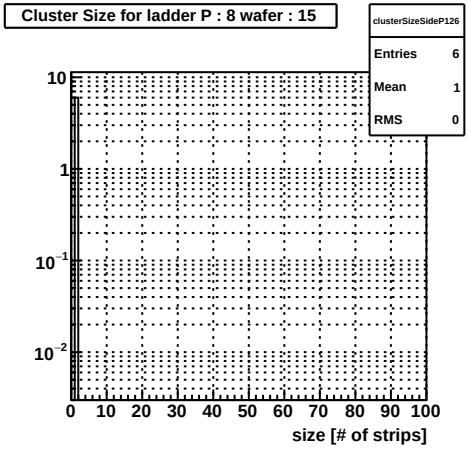

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

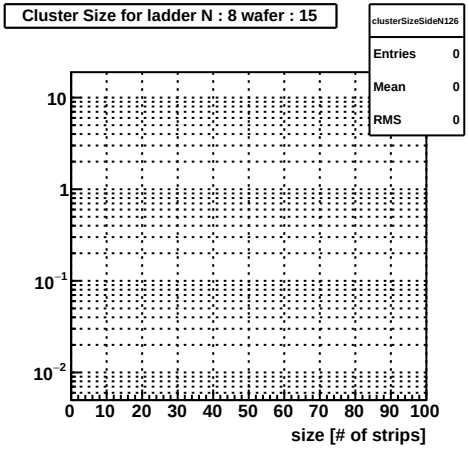

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2374
Mean 1.429
RMS 0.7612
size [# of strips]

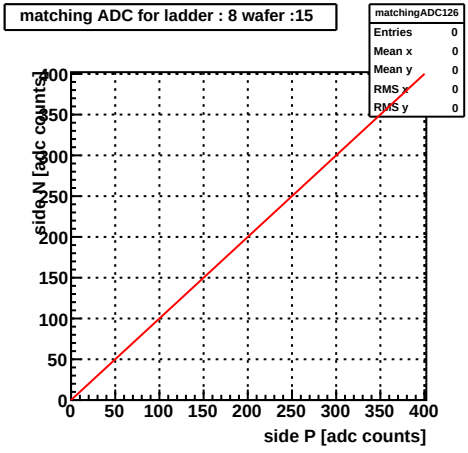

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

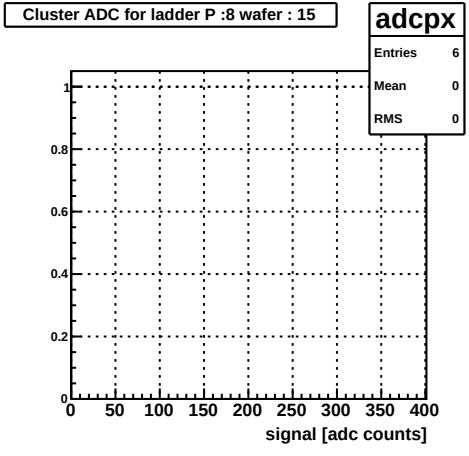

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

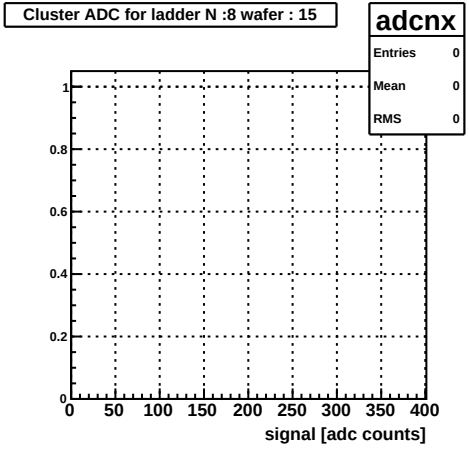

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2374
Mean 56.79
RMS 54.63
signal [adc counts]

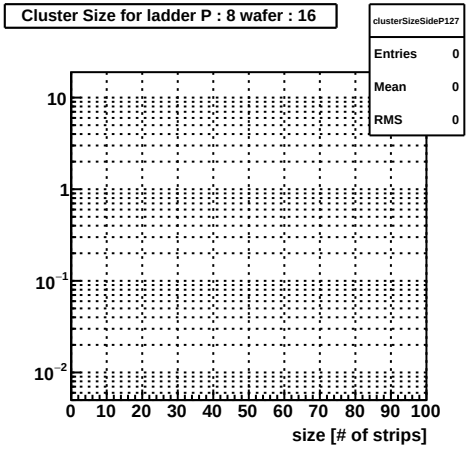

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 6
Mean 1
RMS 0
size [# of strips]

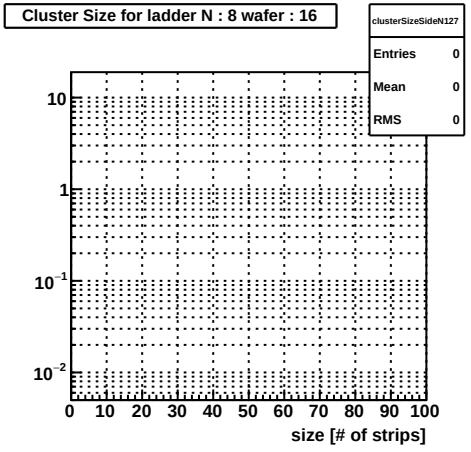

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

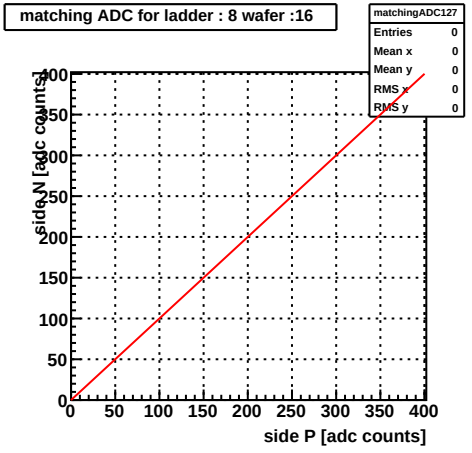

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

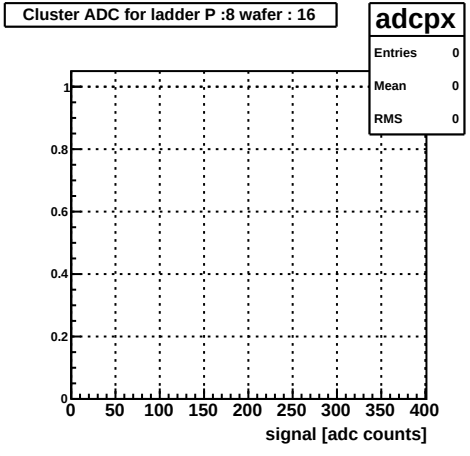

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

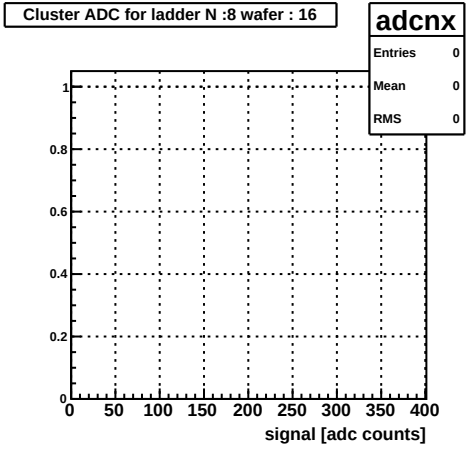

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

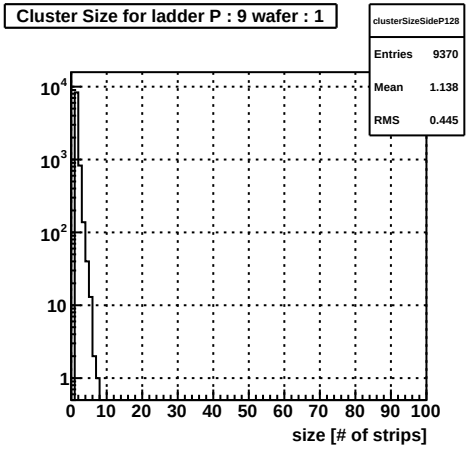

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

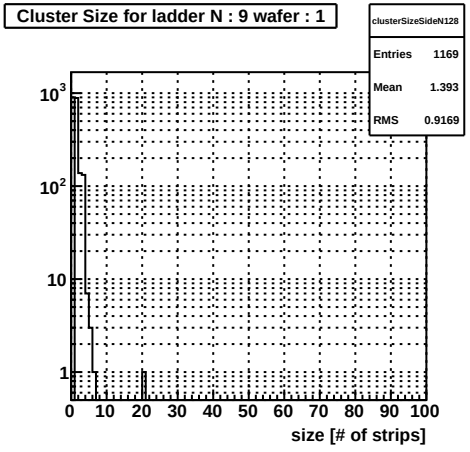

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

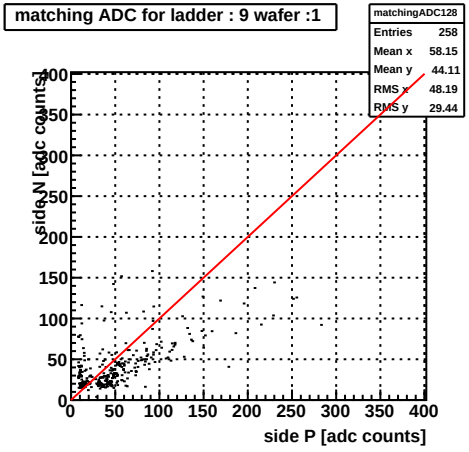

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

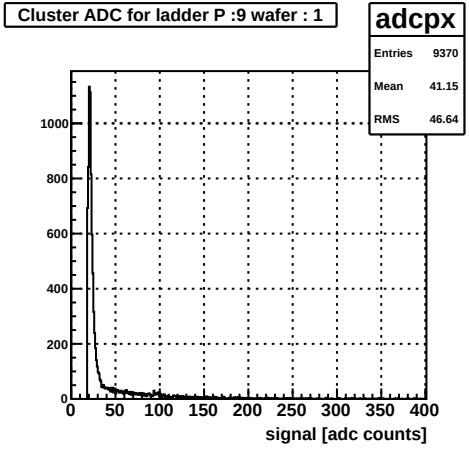

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

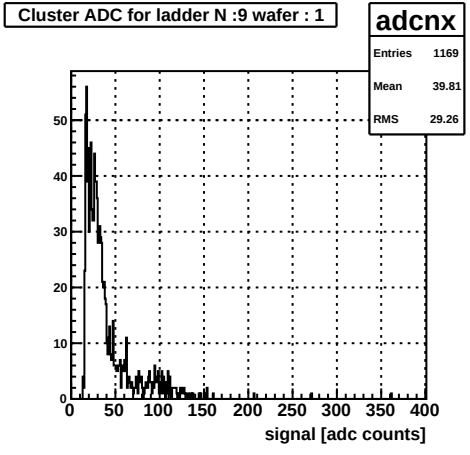

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

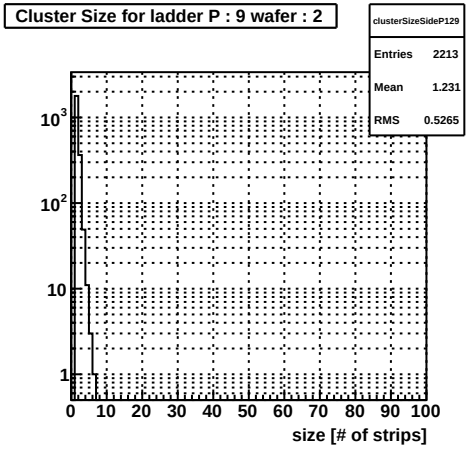

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9370
Mean 1.138
RMS 0.445
size [# of strips]

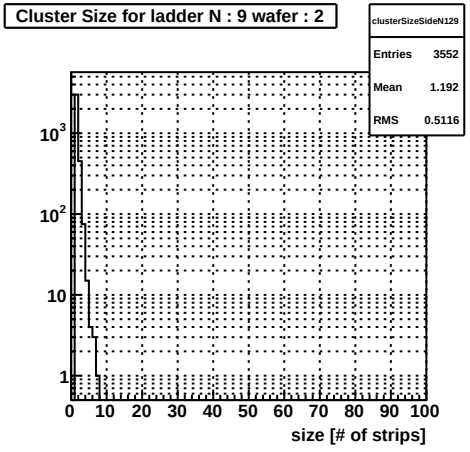

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1169
Mean 1.393
RMS 0.9169
size [# of strips]

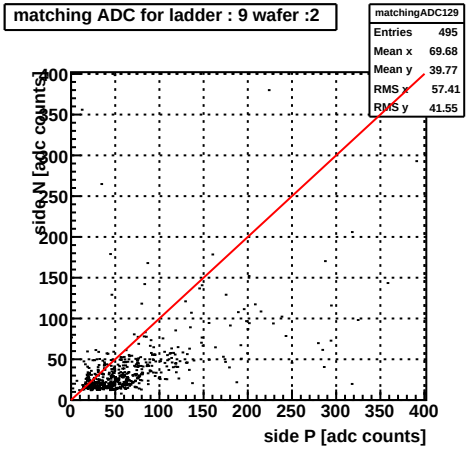

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 258
Mean x 58.15
Mean y 44.11
RMS x 48.19
RMS y 29.44
side N [adc counts]
side P [adc counts]

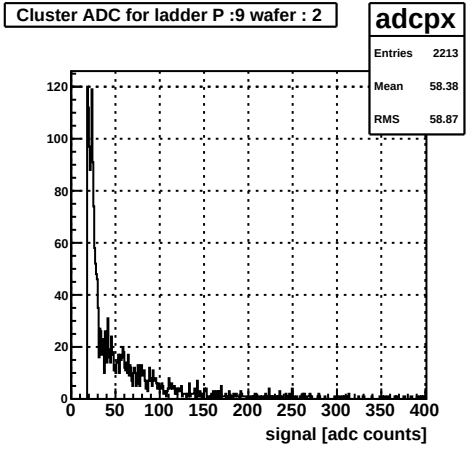

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9370
Mean 41.15
RMS 46.64
signal [adc counts]

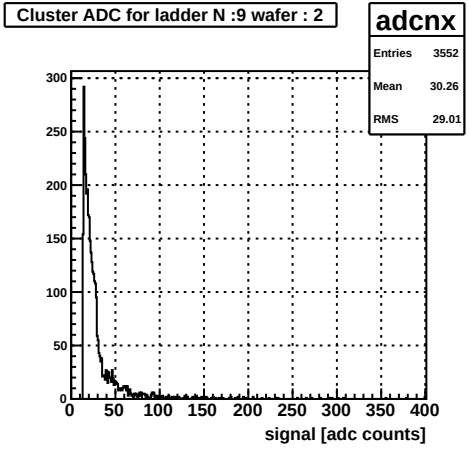

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1169
Mean 39.81
RMS 29.26
signal [adc counts]

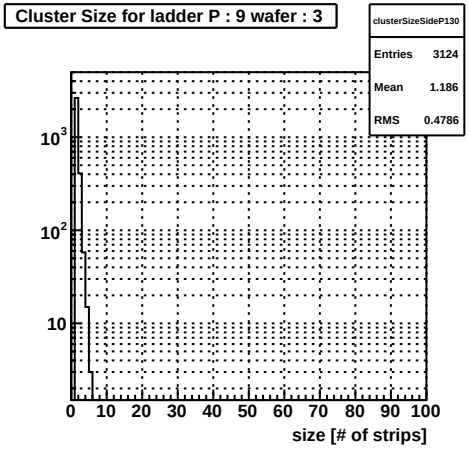

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2213
Mean 1.231
RMS 0.5265
size [# of strips]

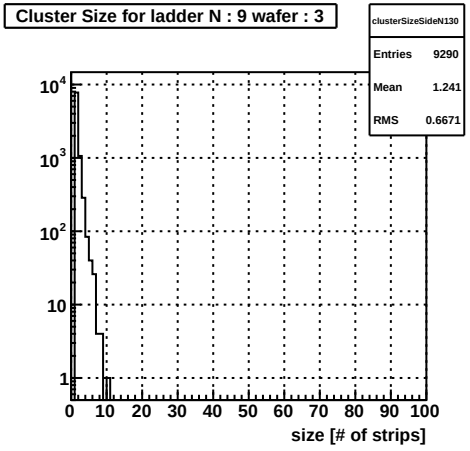

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3552
Mean 1.192
RMS 0.5116
size [# of strips]

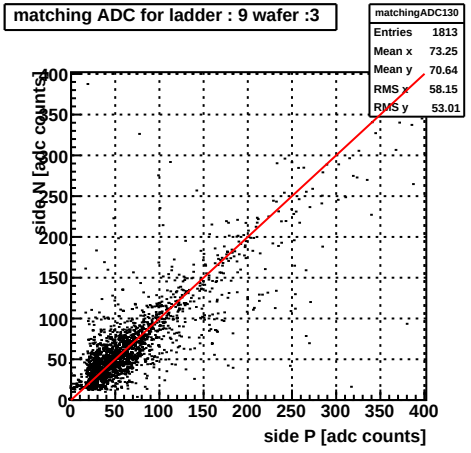

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 495
Mean x 69.68
Mean y 39.77
RMS x 57.41
RMS y 41.55
side N [adc counts]
side P [adc counts]

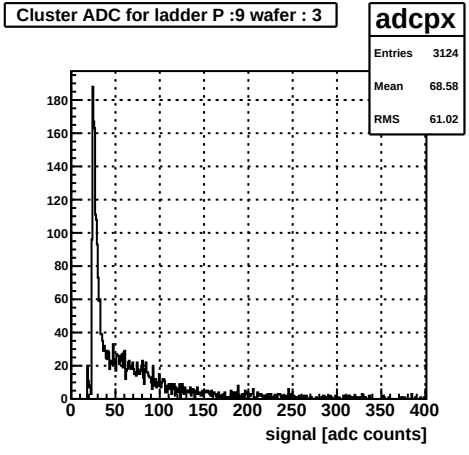

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2213
Mean 58.38
RMS 58.87
signal [adc counts]

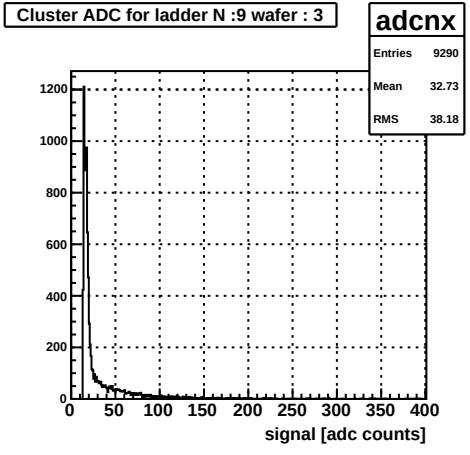

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3552
Mean 30.26
RMS 29.01
signal [adc counts]

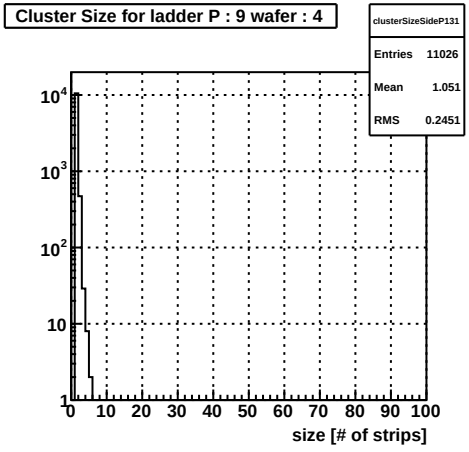

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3124
Mean 1.186
RMS 0.4786
size [# of strips]

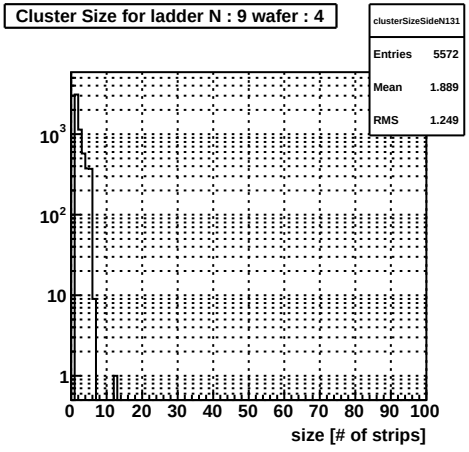

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9290
Mean 1.241
RMS 0.6671
size [# of strips]

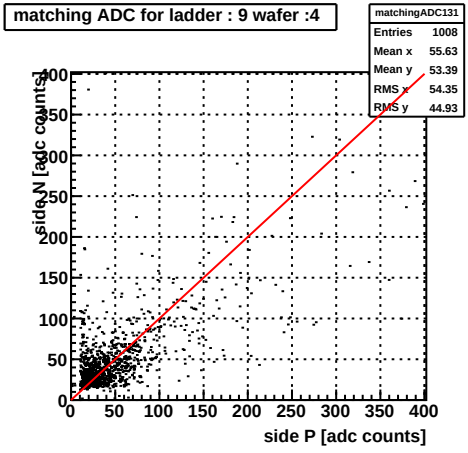

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1813
Mean x 73.25
Mean y 70.64
RMS x 58.15
RMS y 53.01
side N [adc counts]
side P [adc counts]

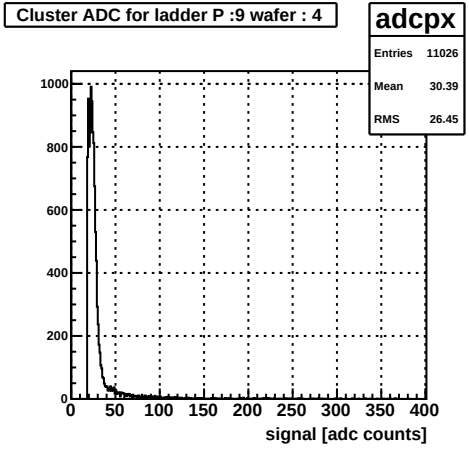

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3124
Mean 68.58
RMS 61.02
signal [adc counts]

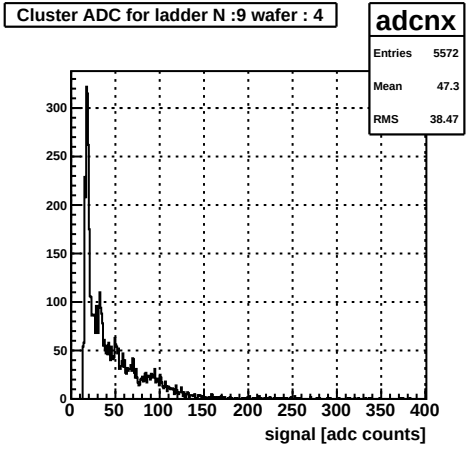

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9290
Mean 32.73
RMS 38.18
signal [adc counts]

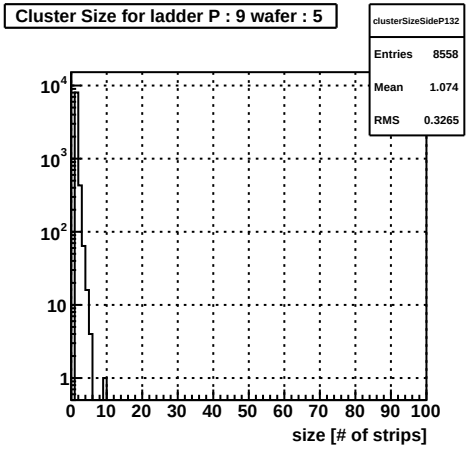

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11026
Mean 1.051
RMS 0.2451
size [# of strips]

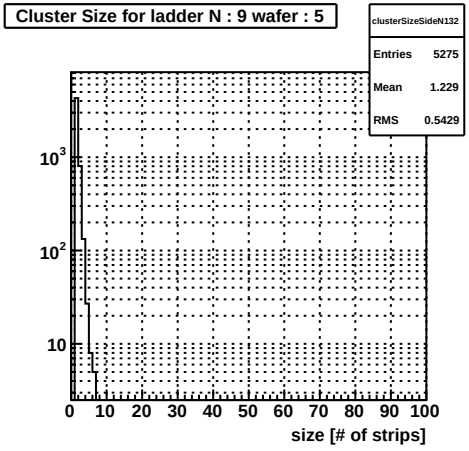

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5572
Mean 1.889
RMS 1.249
size [# of strips]

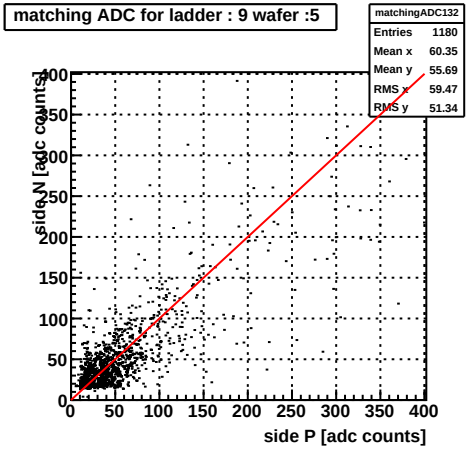

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 1008
Mean x 55.63
Mean y 53.39
RMS x 54.35
RMS y 44.93
side N [adc counts]
side P [adc counts]

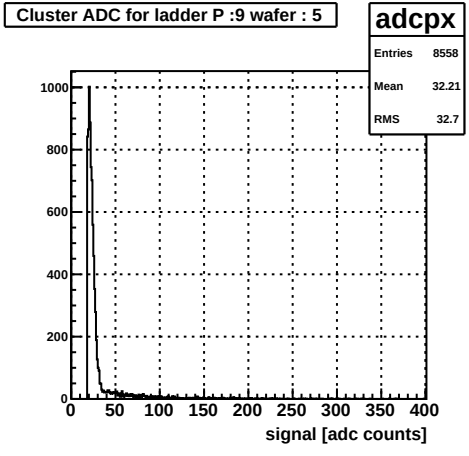

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11026
Mean 30.39
RMS 26.45
signal [adc counts]

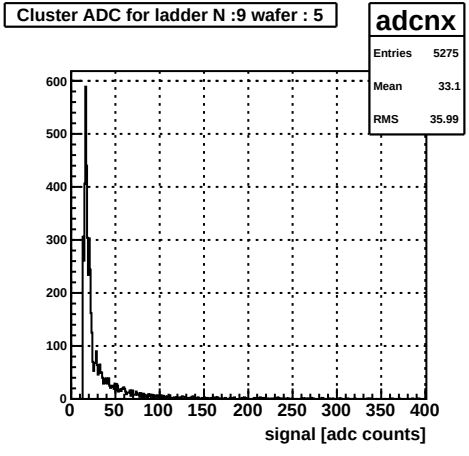

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5572
Mean 47.3
RMS 38.47
signal [adc counts]

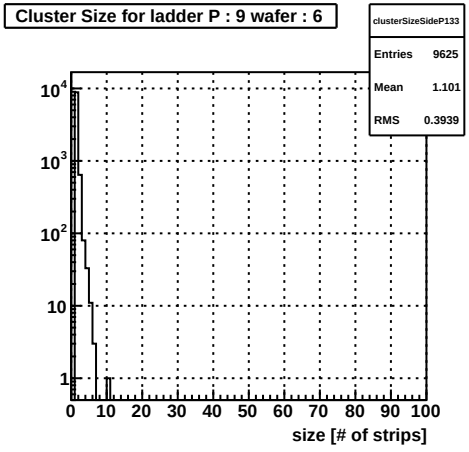

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 8558
Mean 1.074
RMS 0.3265
size [# of strips]

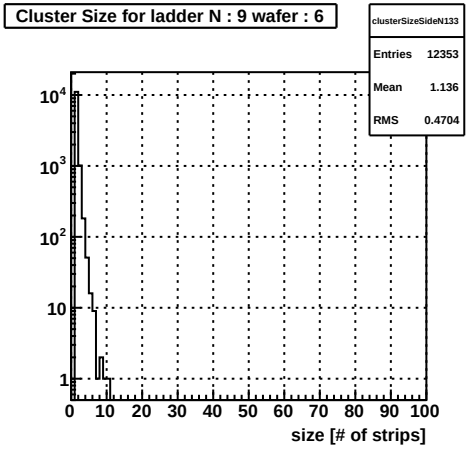

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5275
Mean 1.229
RMS 0.5429
size [# of strips]

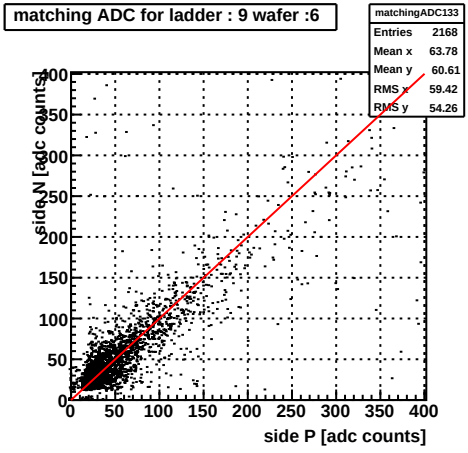

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1180
Mean x 60.35
Mean y 55.69
RMS x 59.47
RMS y 51.34
side N [adc counts]
side P [adc counts]

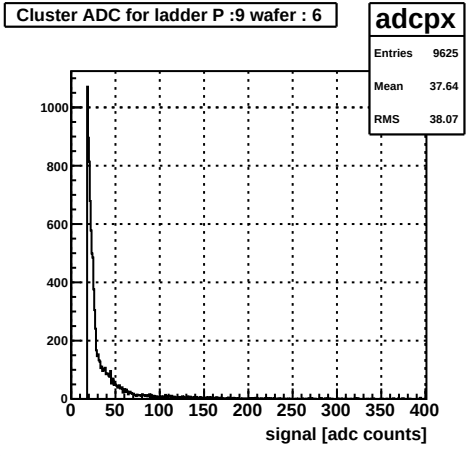

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 8558
Mean 32.21
RMS 32.7
signal [adc counts]

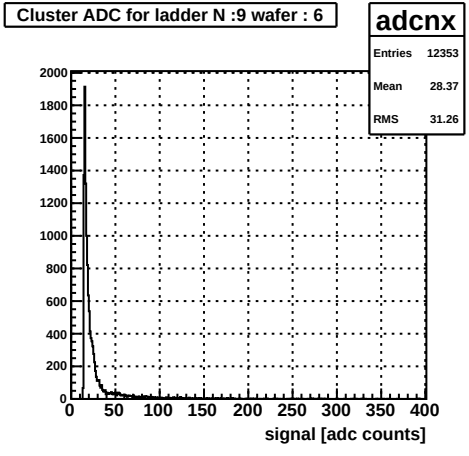

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5275
Mean 33.1
RMS 35.99
signal [adc counts]

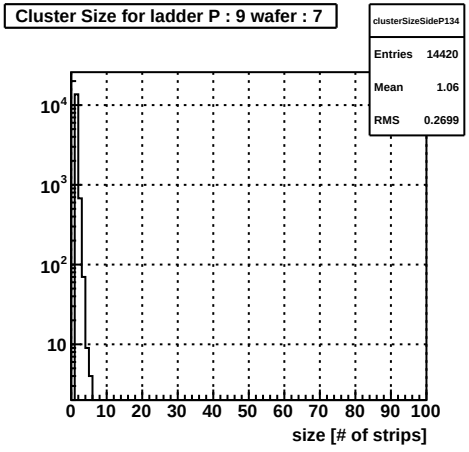

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9625
Mean 1.101
RMS 0.3939
size [# of strips]

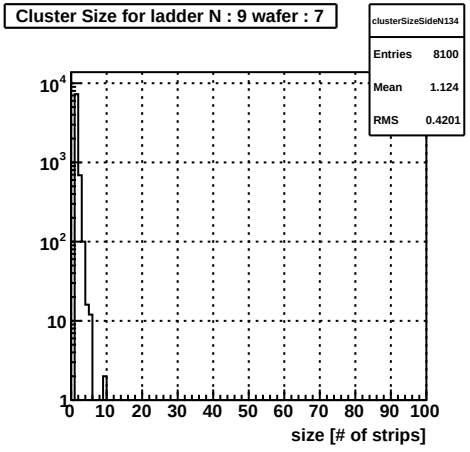

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12353
Mean 1.136
RMS 0.4704
size [# of strips]

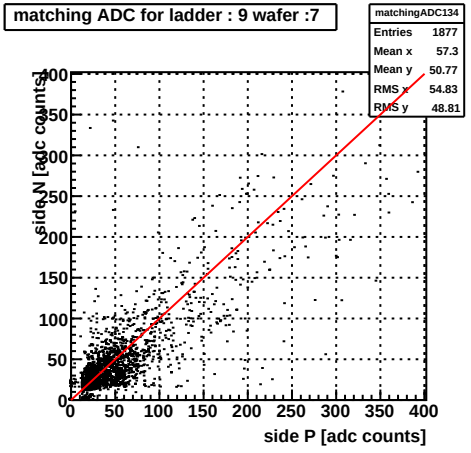

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2168
Mean x 63.78
Mean y 60.61
RMS x 59.42
RMS y 54.26
side N [adc counts]
side P [adc counts]

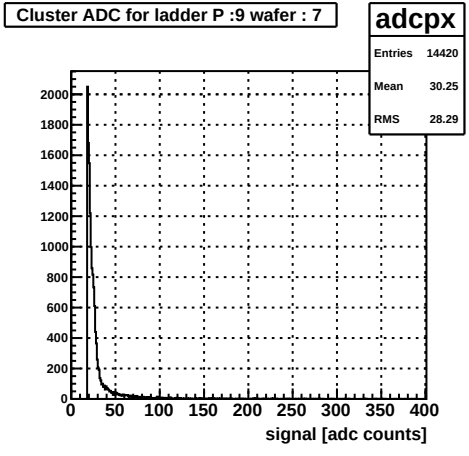

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9625
Mean 37.64
RMS 38.07
signal [adc counts]

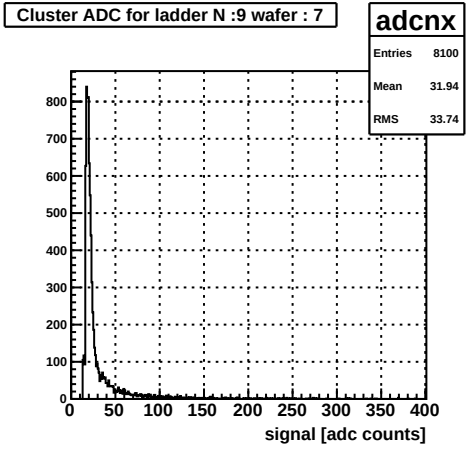

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12353
Mean 28.37
RMS 31.26
signal [adc counts]

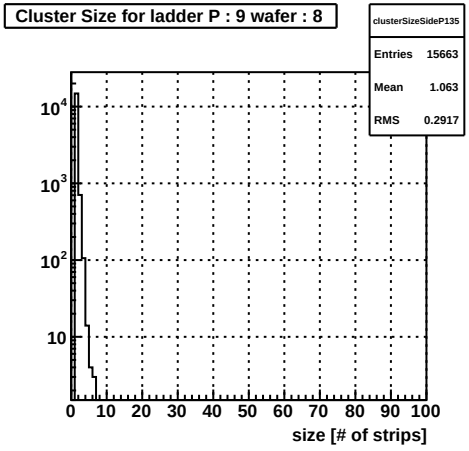

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14420
Mean 1.06
RMS 0.2699
size [# of strips]

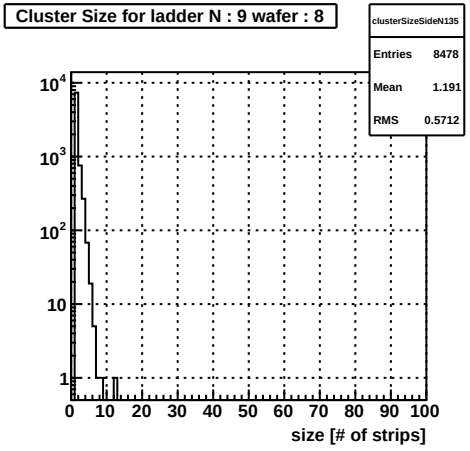

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8100
Mean 1.124
RMS 0.4201
size [# of strips]

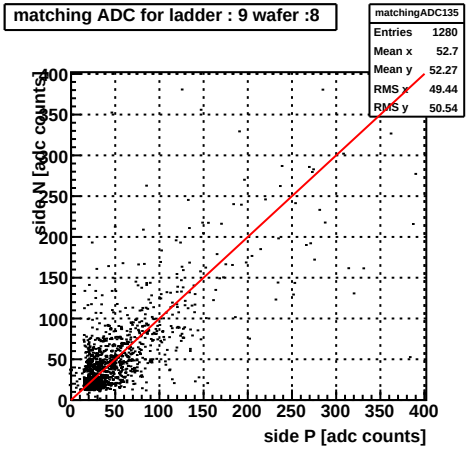

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1877
Mean x 57.3
Mean y 50.77
RMS x 54.83
RMS y 48.81
side N [adc counts]
side P [adc counts]

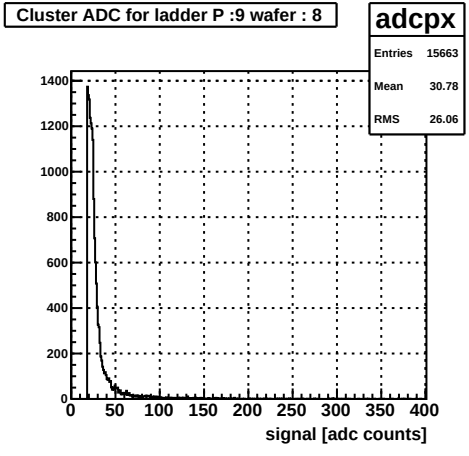

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14420
Mean 30.25
RMS 28.29
signal [adc counts]

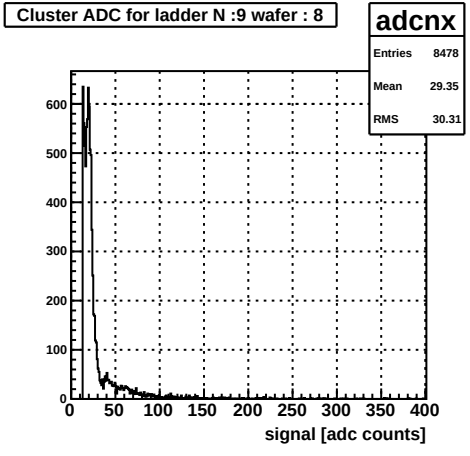

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8100
Mean 31.94
RMS 33.74
signal [adc counts]

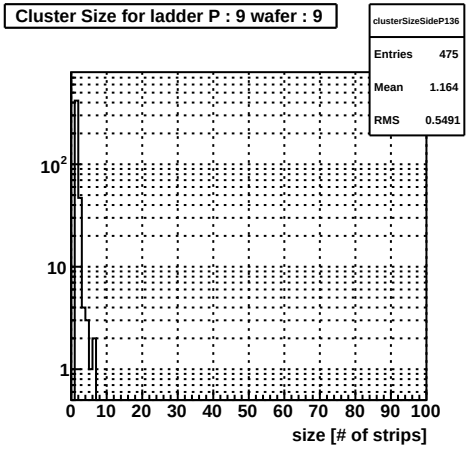

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 15663
Mean 1.063
RMS 0.2917
size [# of strips]

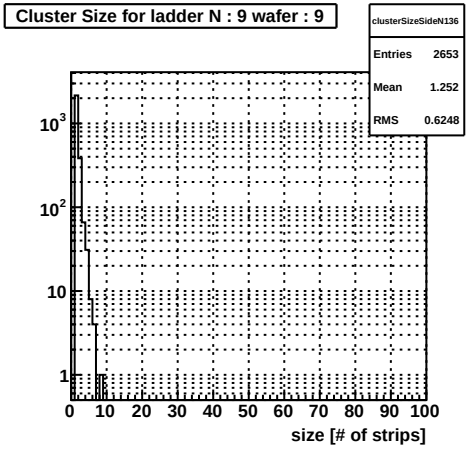

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8478
Mean 1.191
RMS 0.5712
size [# of strips]

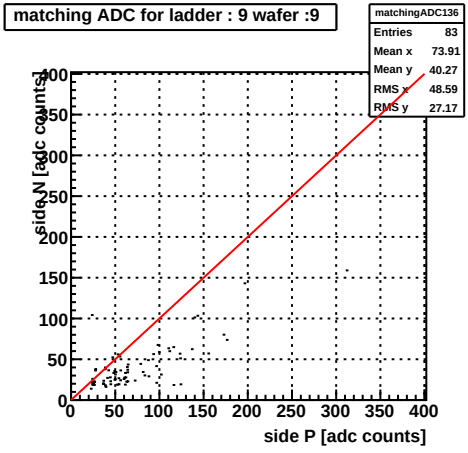

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1280
Mean x 52.7
Mean y 52.27
RMS x 49.44
RMS y 50.54
side N [adc counts]
side P [adc counts]

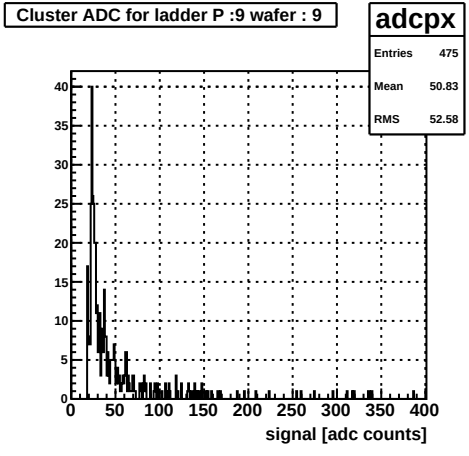

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 15663
Mean 30.78
RMS 26.06
signal [adc counts]

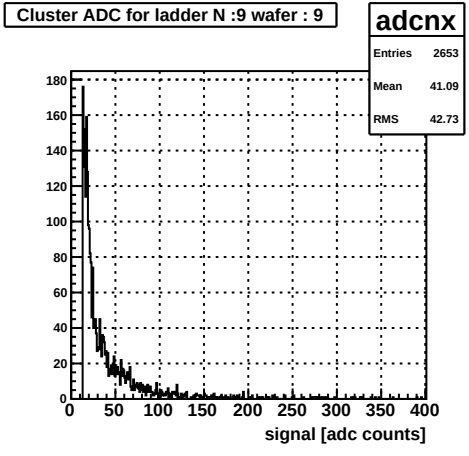

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8478
Mean 29.35
RMS 30.31
signal [adc counts]

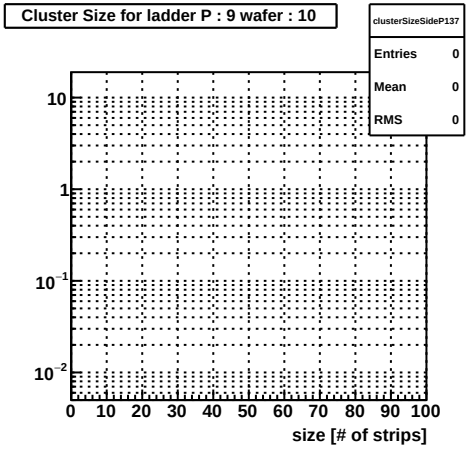

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 475
Mean 1.164
RMS 0.5491
size [# of strips]

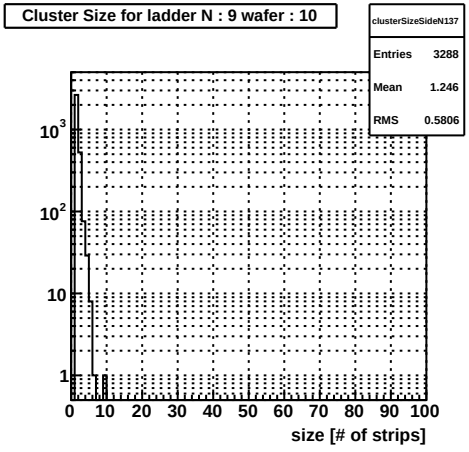

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2653
Mean 1.252
RMS 0.6248
size [# of strips]

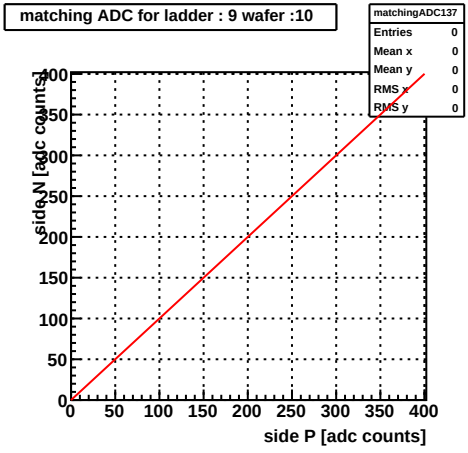

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 83
Mean x 73.91
Mean y 40.27
RMS x 48.59
RMS y 27.17
side N [adc counts]
side P [adc counts]

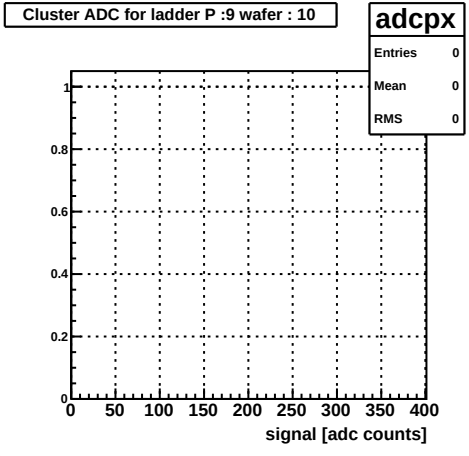

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 475
Mean 50.83
RMS 52.58
signal [adc counts]

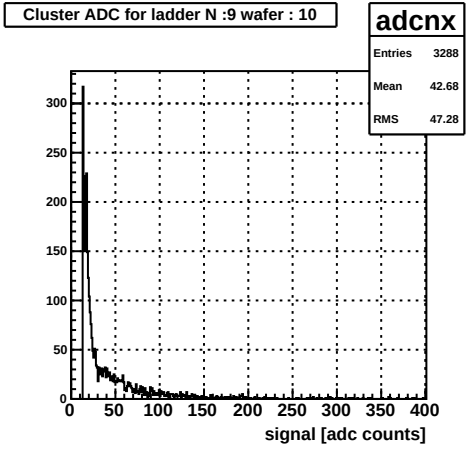

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2653
Mean 41.09
RMS 42.73
signal [adc counts]

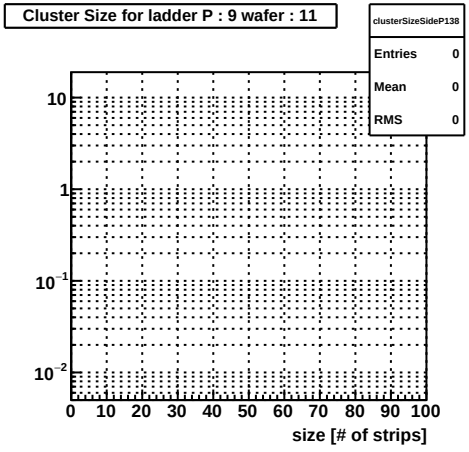

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

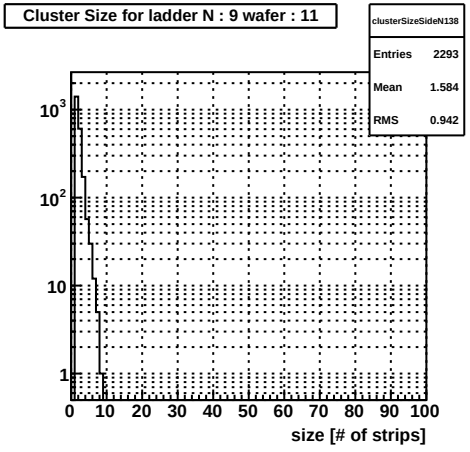

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3288
Mean 1.246
RMS 0.5806
size [# of strips]

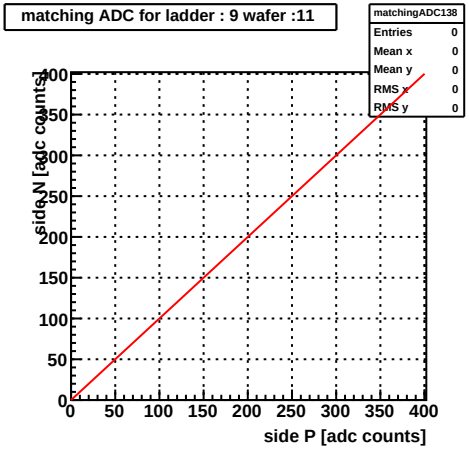

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

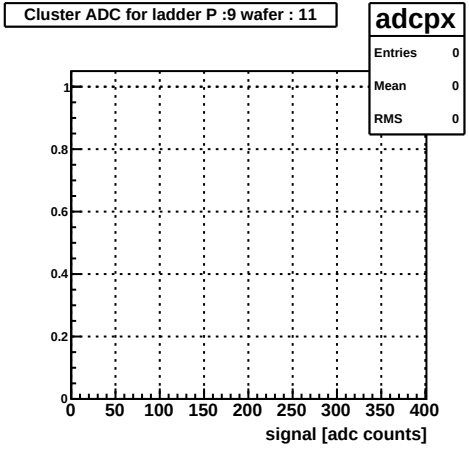

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

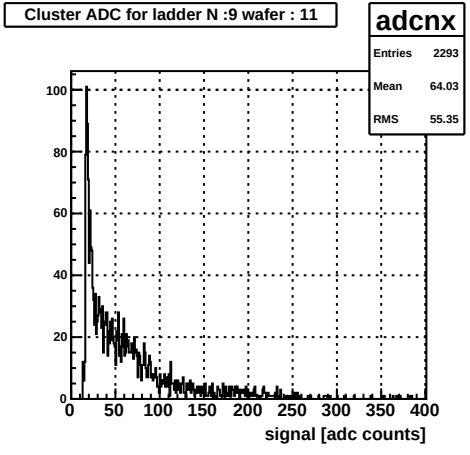

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3288
Mean 42.68
RMS 47.28
signal [adc counts]

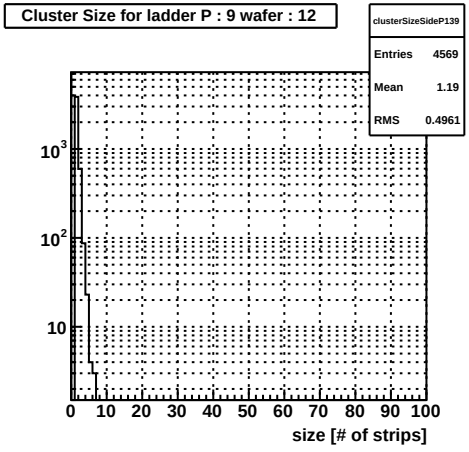

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

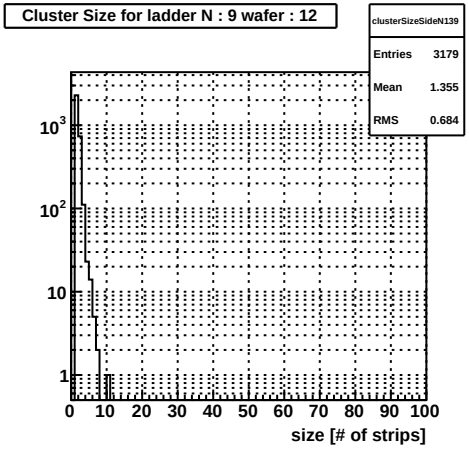

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2293
Mean 1.584
RMS 0.942
size [# of strips]

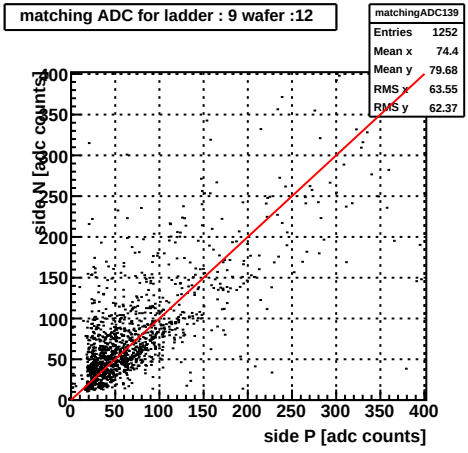

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

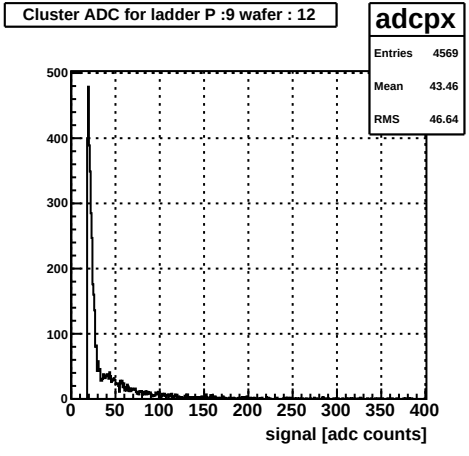

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

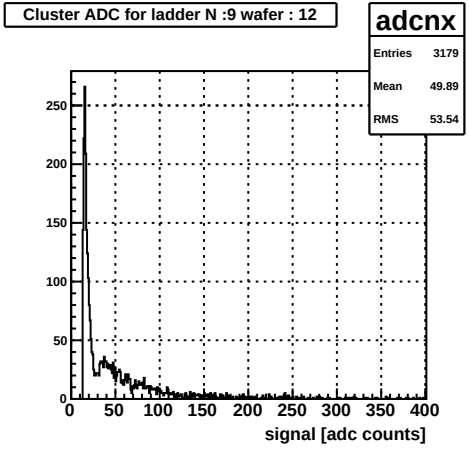

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2293
Mean 64.03
RMS 55.35
signal [adc counts]

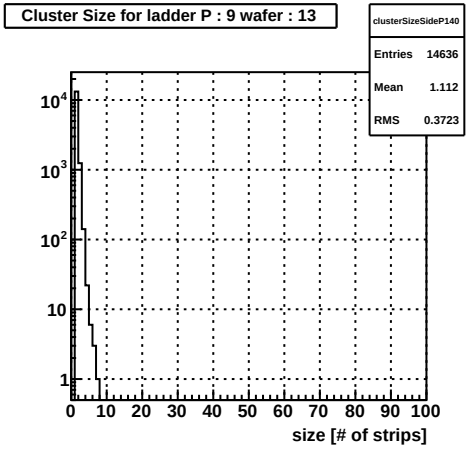

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4569
Mean 1.19
RMS 0.4961
size [# of strips]

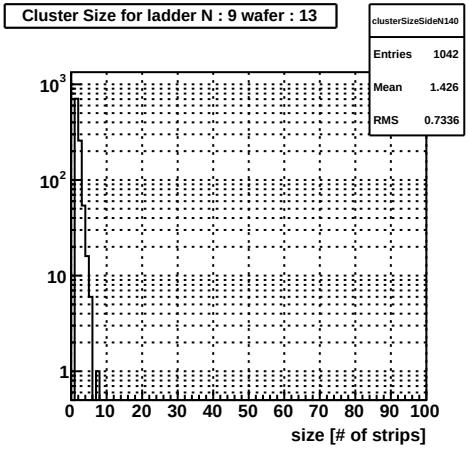

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3179
Mean 1.355
RMS 0.684
size [# of strips]

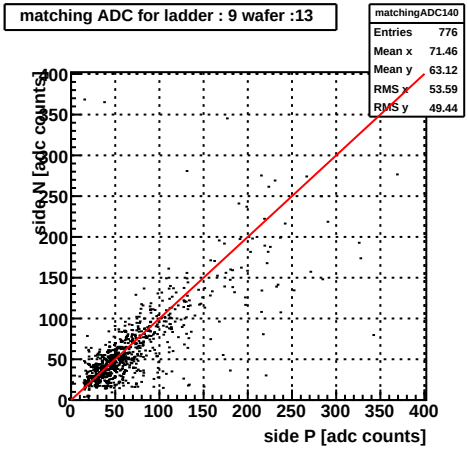

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1252
Mean x 74.4
Mean y 79.68
RMS x 63.55
RMS y 62.37
side N [adc counts]
side P [adc counts]

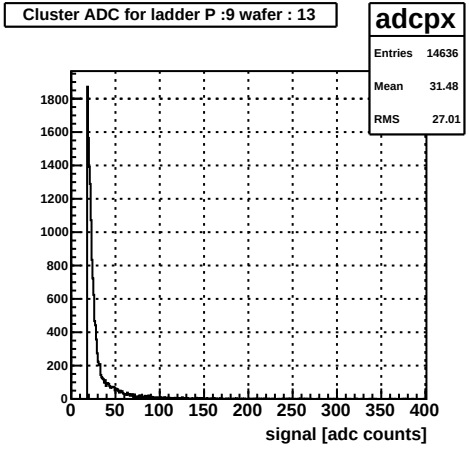

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4569
Mean 43.46
RMS 46.64
signal [adc counts]

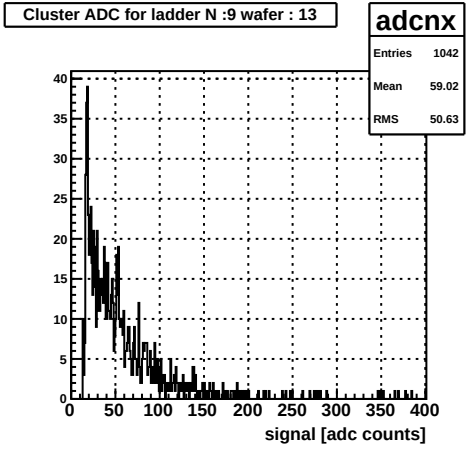

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3179
Mean 49.89
RMS 53.54
signal [adc counts]

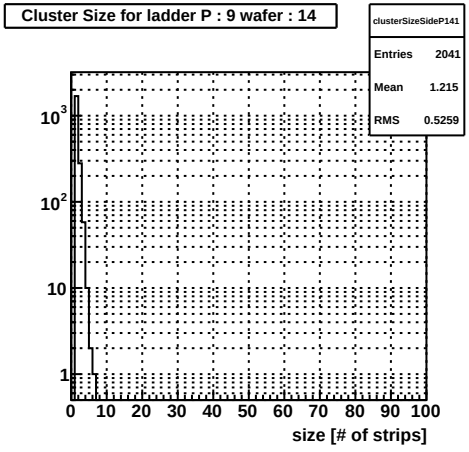

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14636
Mean 1.112
RMS 0.3723
size [# of strips]

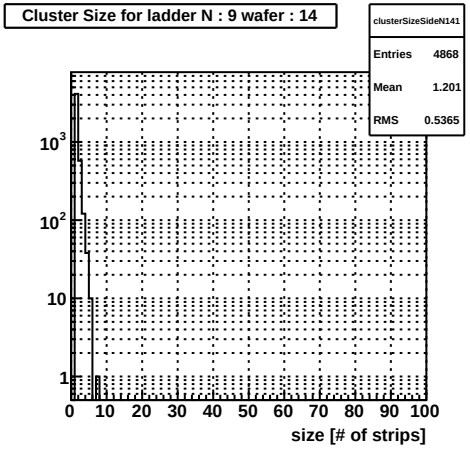

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 1042
Mean 1.426
RMS 0.7336
size [# of strips]

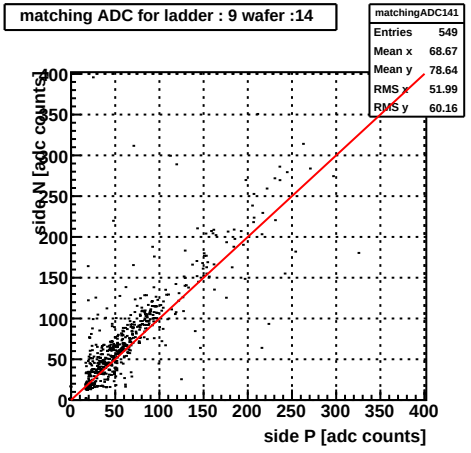

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 776
Mean x 71.46
Mean y 63.12
RMS x 53.59
RMS y 49.44
side N [adc counts]
side P [adc counts]

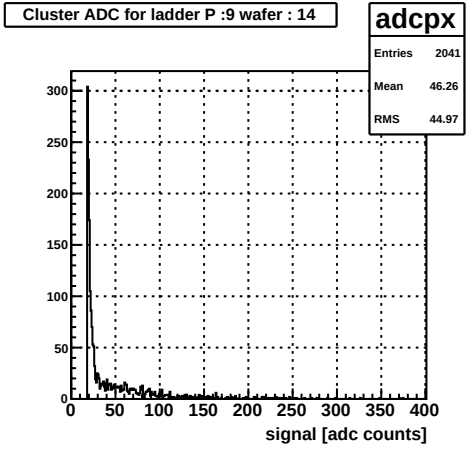

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14636
Mean 31.48
RMS 27.01
signal [adc counts]

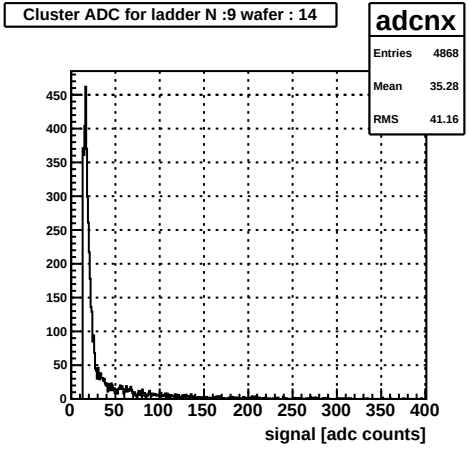

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 1042
Mean 59.02
RMS 50.63
signal [adc counts]

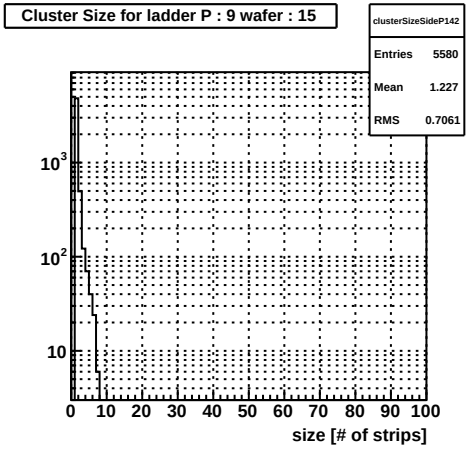

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2041
Mean 1.215
RMS 0.5259
size [# of strips]

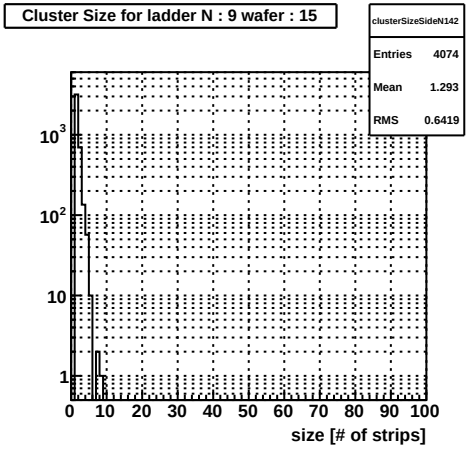

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4868
Mean 1.201
RMS 0.5365
size [# of strips]

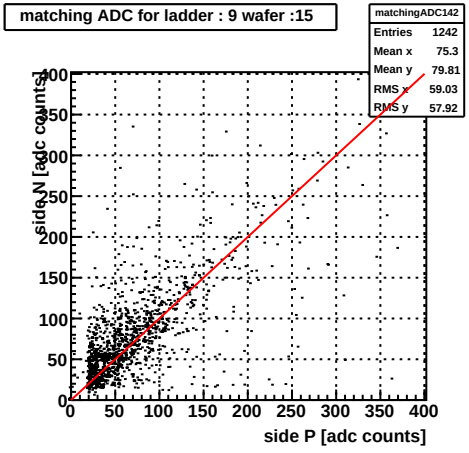

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 549
Mean x 68.67
Mean y 78.64
RMS x 51.99
RMS y 60.16
side N [adc counts]
side P [adc counts]

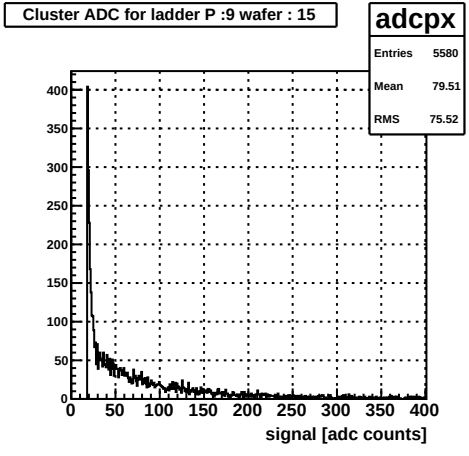

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2041
Mean 46.26
RMS 44.97
signal [adc counts]

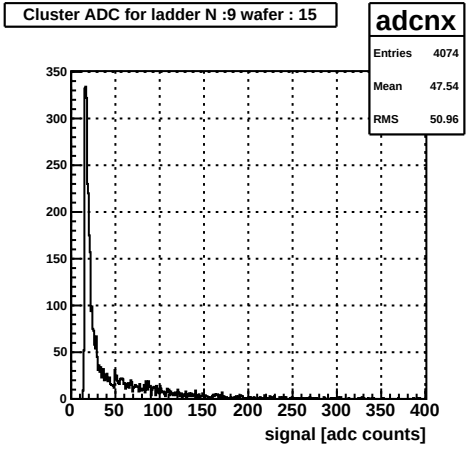

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4868
Mean 35.28
RMS 41.16
signal [adc counts]

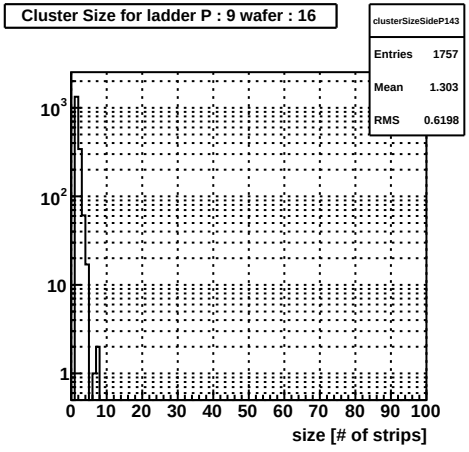

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5580
Mean 1.227
RMS 0.7061
size [# of strips]

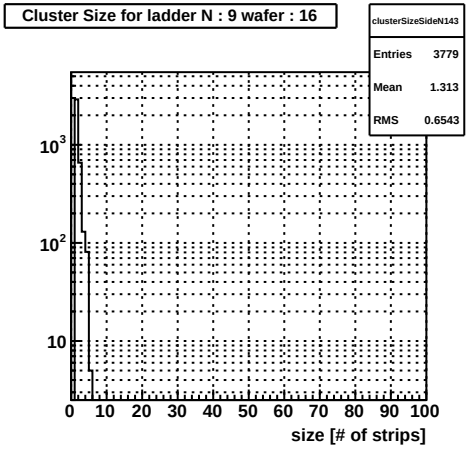

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4074
Mean 1.293
RMS 0.6419
size [# of strips]

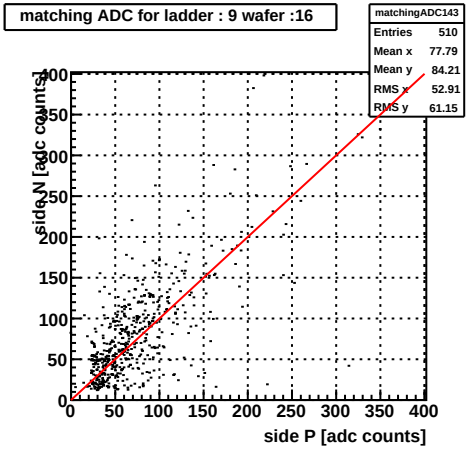

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1242
Mean x 75.3
Mean y 79.81
RMS x 59.03
RMS y 57.92
side N [adc counts]
side P [adc counts]

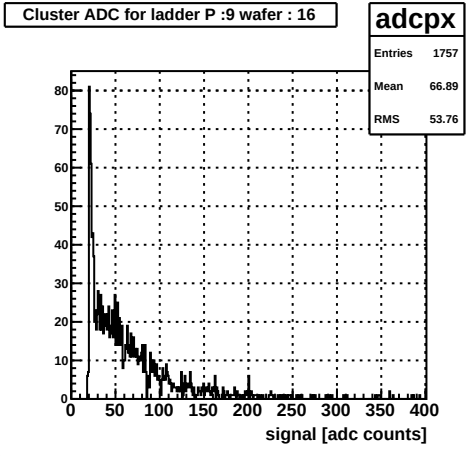

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5580
Mean 79.51
RMS 75.52
signal [adc counts]

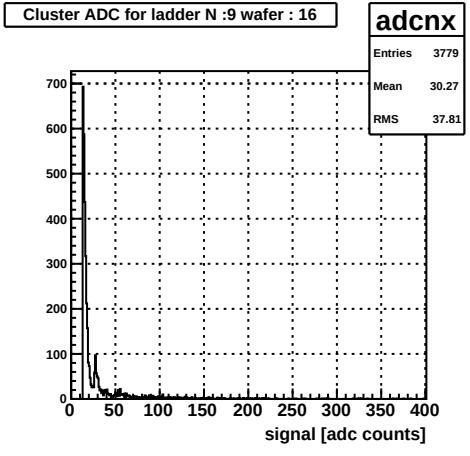

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4074
Mean 47.54
RMS 50.96
signal [adc counts]

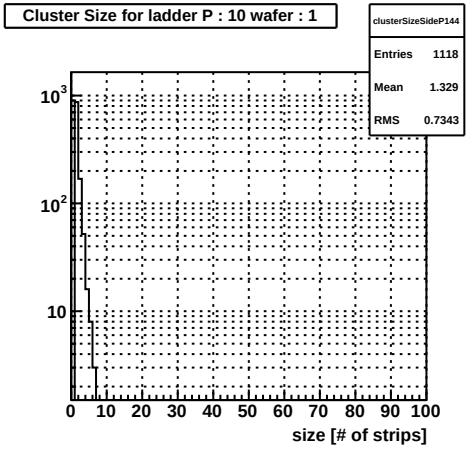

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1757
Mean 1.303
RMS 0.6198
size [# of strips]

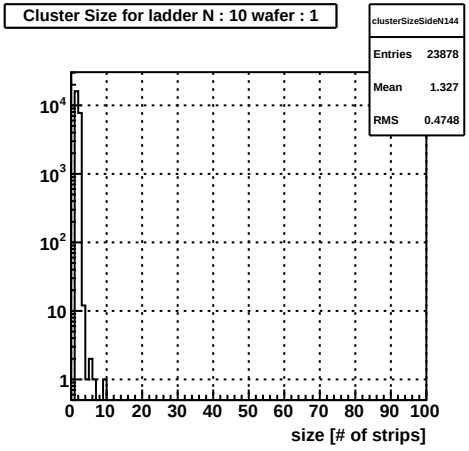

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3779
Mean 1.313
RMS 0.6543
size [# of strips]

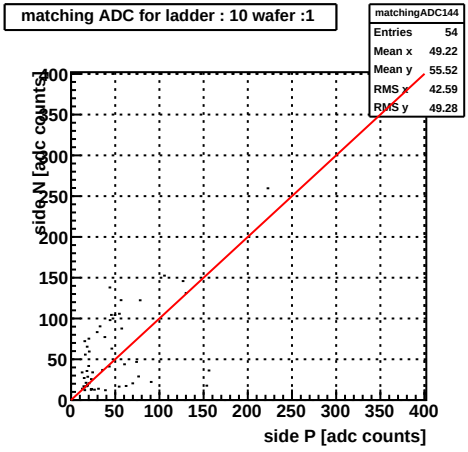

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 510
Mean x 77.79
Mean y 84.21
RMS x 52.91
RMS y 61.15
side N [adc counts]
side P [adc counts]

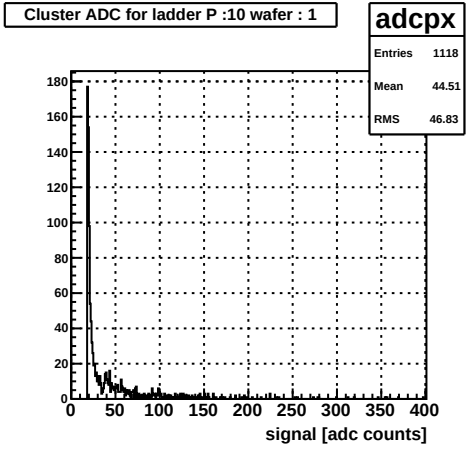

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1757
Mean 66.89
RMS 53.76
signal [adc counts]

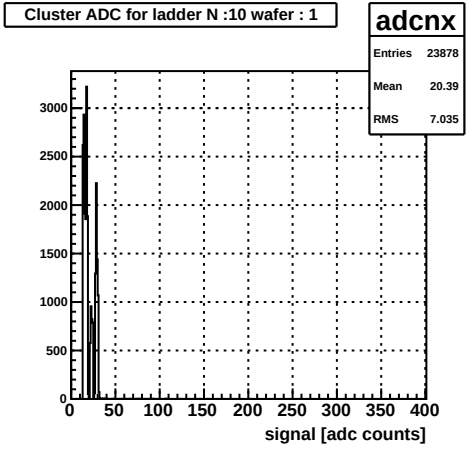

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3779
Mean 30.27
RMS 37.81
signal [adc counts]

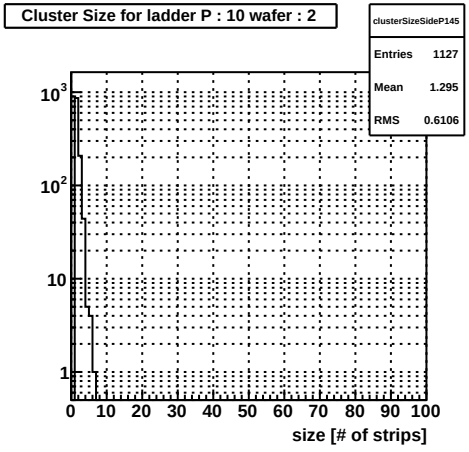

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1118
Mean 1.329
RMS 0.7343
size [# of strips]

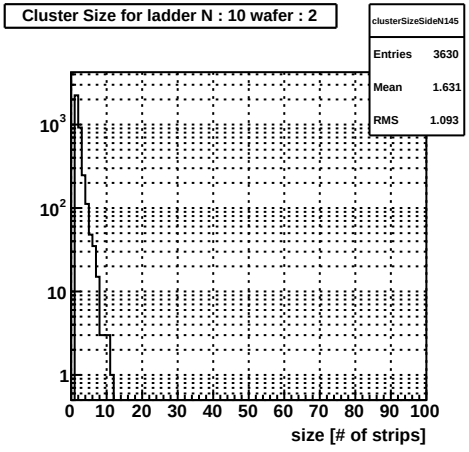

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 23878
Mean 1.327
RMS 0.4748
size [# of strips]

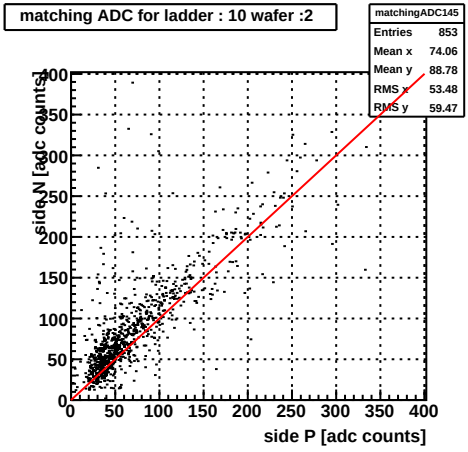

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 54
Mean x 49.22
Mean y 55.52
RMS x 42.59
RMS y 49.28
side N [adc counts]
side P [adc counts]

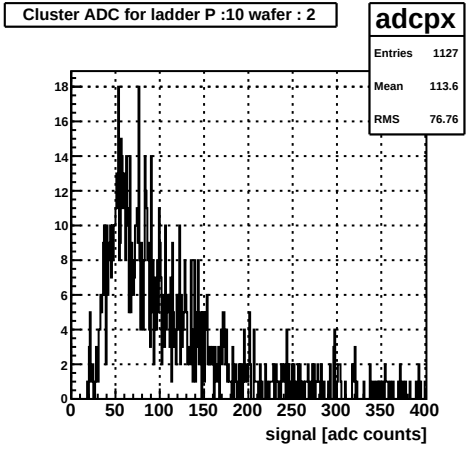

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1118
Mean 44.51
RMS 46.83
signal [adc counts]

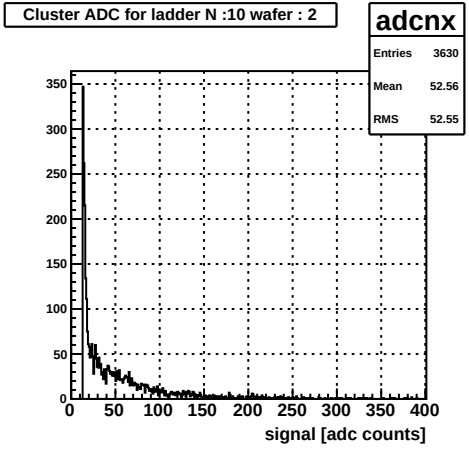

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 23878
Mean 20.39
RMS 7.035
signal [adc counts]

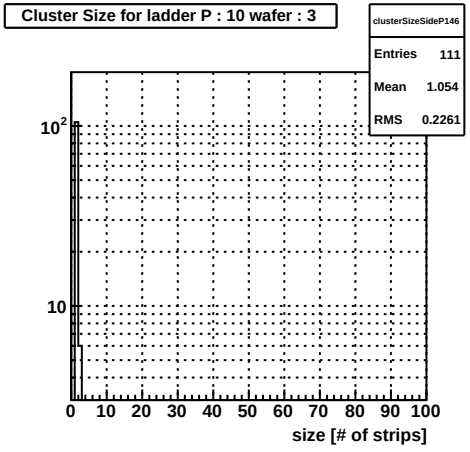

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1127
Mean 1.295
RMS 0.6106
size [# of strips]

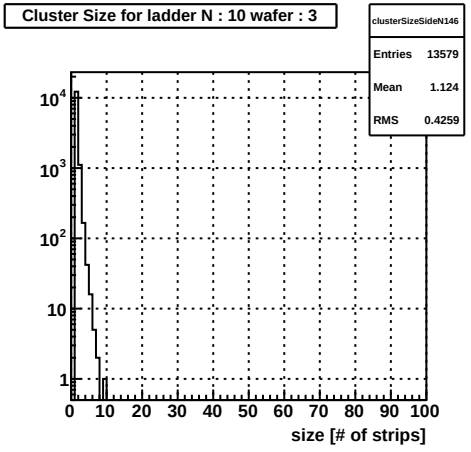

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3630
Mean 1.631
RMS 1.093
size [# of strips]

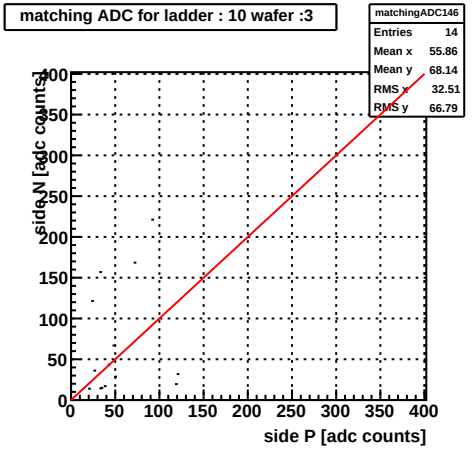

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 853
Mean x 74.06
Mean y 88.78
RMS x 53.48
RMS y 59.47
side N [adc counts]
side P [adc counts]

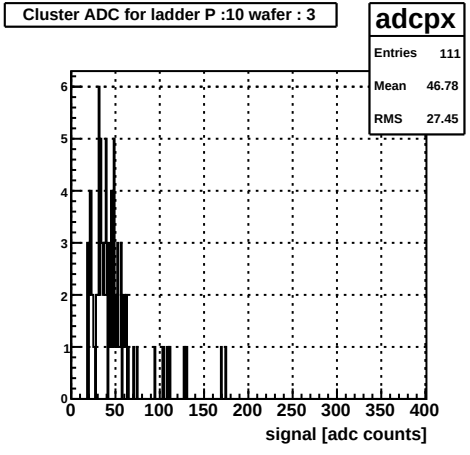

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1127
Mean 113.6
RMS 76.76
signal [adc counts]

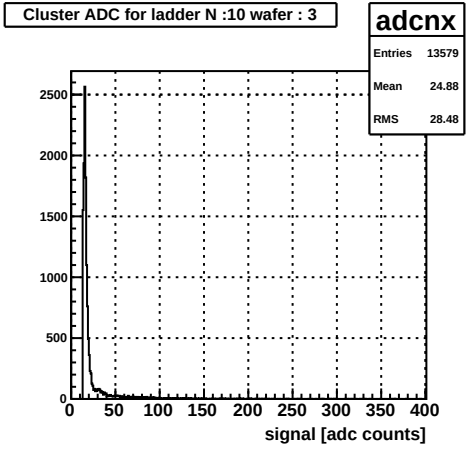

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3630
Mean 52.56
RMS 52.55
signal [adc counts]

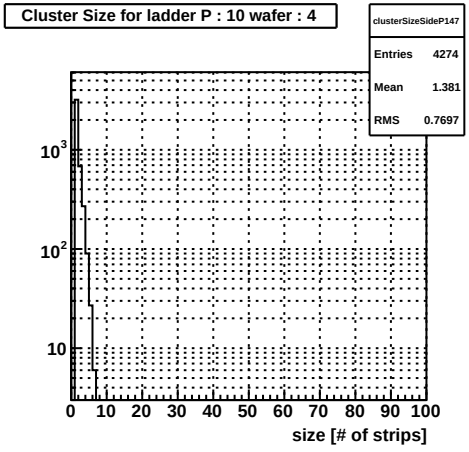

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 111
Mean 1.054
RMS 0.2261
size [# of strips]

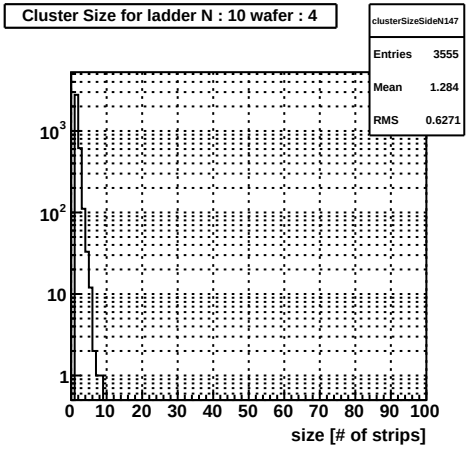

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 13579
Mean 1.124
RMS 0.4259
size [# of strips]

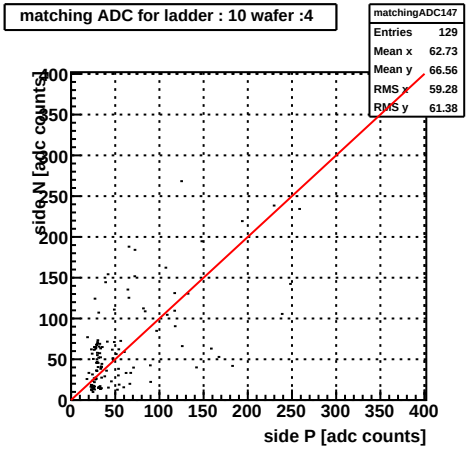

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 14
Mean x 55.86
Mean y 68.14
RMS x 32.51
RMS y 66.79
side N [adc counts]
side P [adc counts]

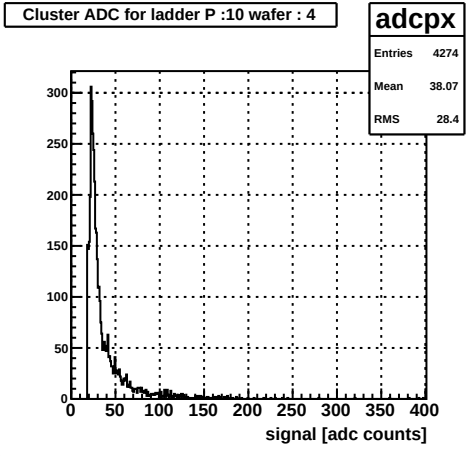

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 111
Mean 46.78
RMS 27.45
signal [adc counts]

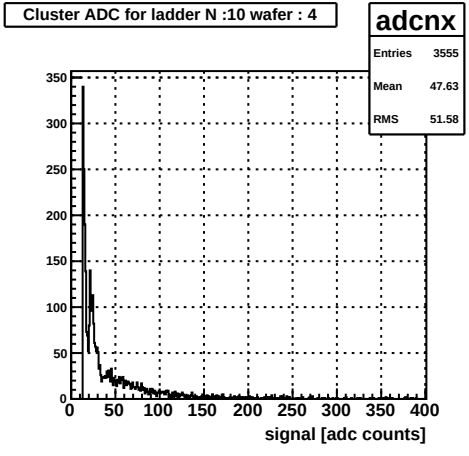

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 13579
Mean 24.88
RMS 28.48
signal [adc counts]

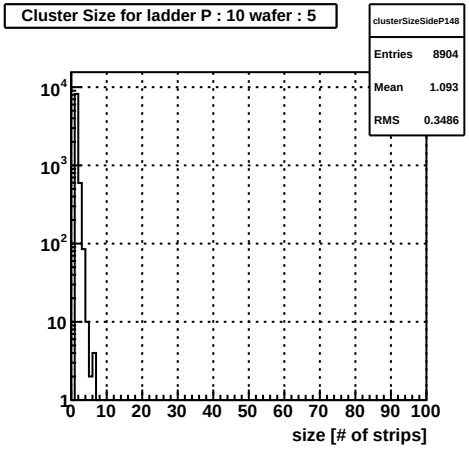

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4274
Mean 1.381
RMS 0.7697
size [# of strips]

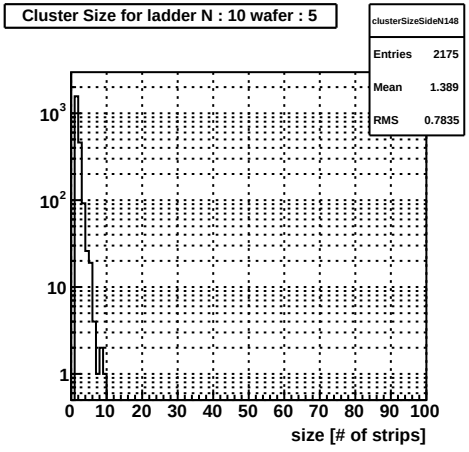

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3555
Mean 1.284
RMS 0.6271
size [# of strips]

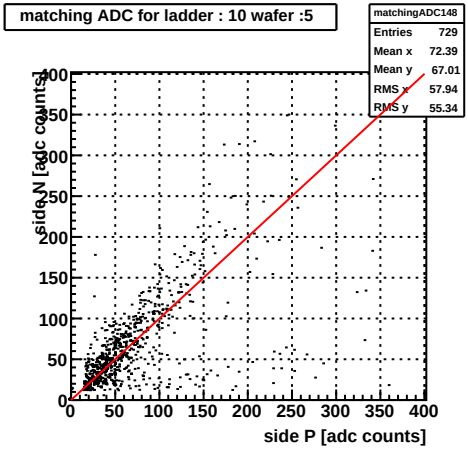

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 129
Mean x 62.73
Mean y 66.56
RMS x 59.28
RMS y 61.38
side N [adc counts]
side P [adc counts]

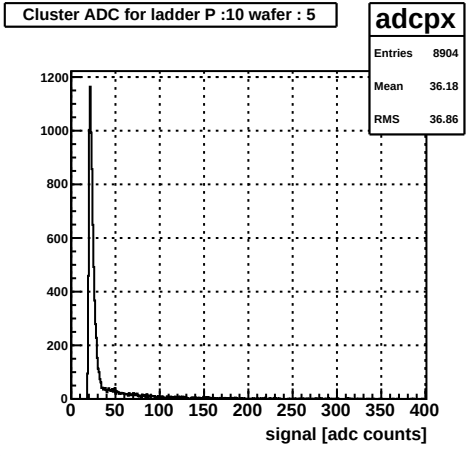

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4274
Mean 38.07
RMS 28.4
signal [adc counts]

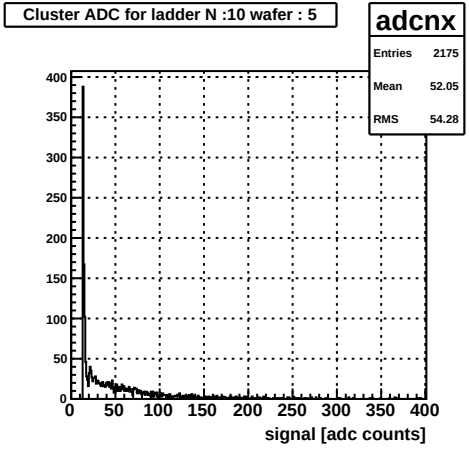

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3555
Mean 47.63
RMS 51.58
signal [adc counts]

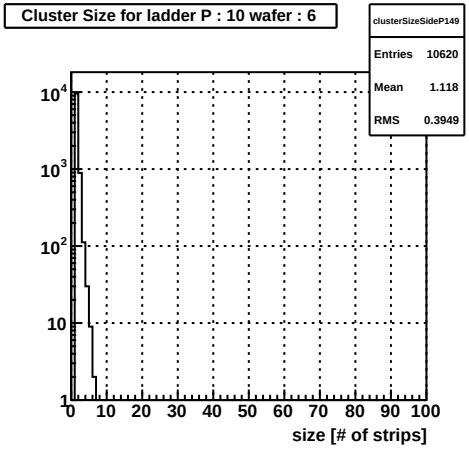

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8904
Mean 1.093
RMS 0.3486
size [# of strips]

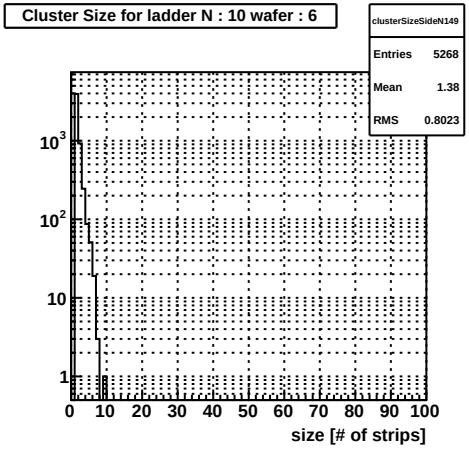

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2175
Mean 1.389
RMS 0.7835
size [# of strips]

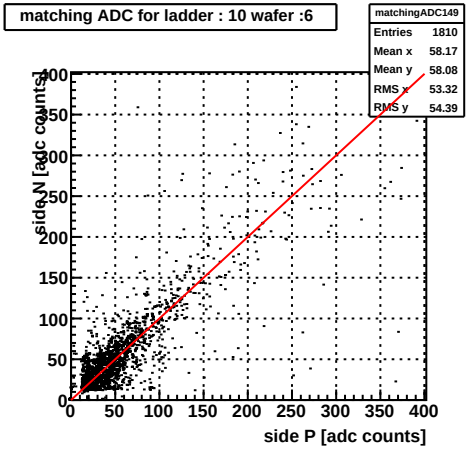

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 729
Mean x 72.39
Mean y 67.01
RMS x 57.94
RMS y 55.34
side N [adc counts]
side P [adc counts]

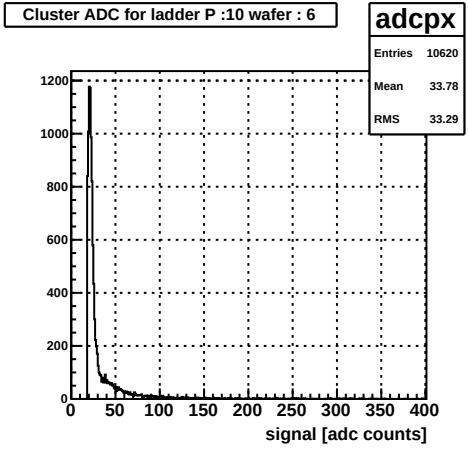

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8904
Mean 36.18
RMS 36.86
signal [adc counts]

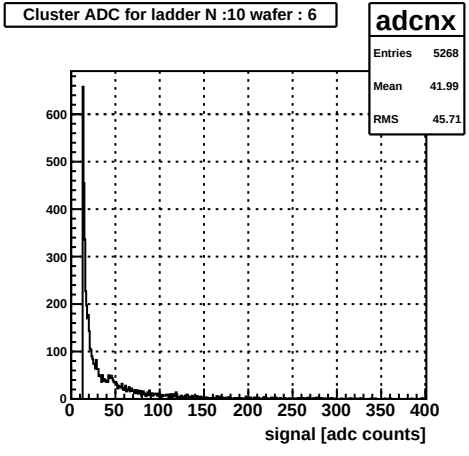

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2175
Mean 52.05
RMS 54.28
signal [adc counts]

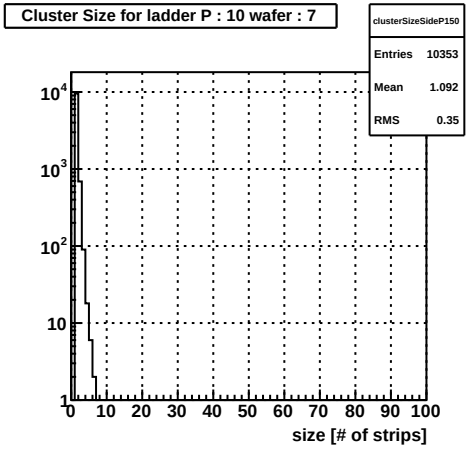

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10620
Mean 1.118
RMS 0.3949
size [# of strips]

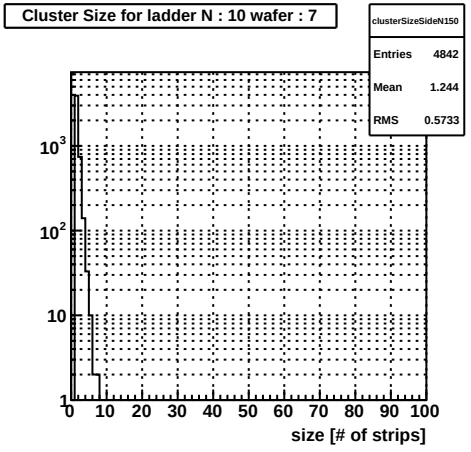

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5268
Mean 1.38
RMS 0.8023
size [# of strips]

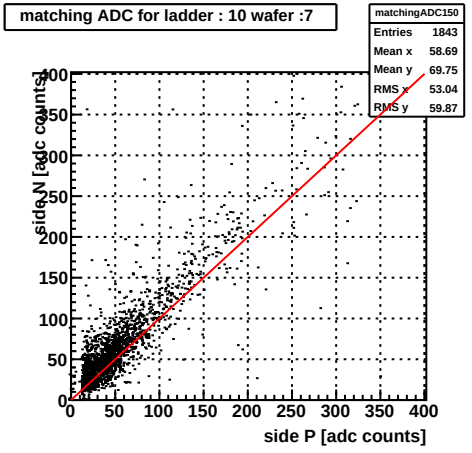

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1810
Mean x 58.17
Mean y 58.08
RMS x 53.32
RMS y 54.39
side N [adc counts]
side P [adc counts]

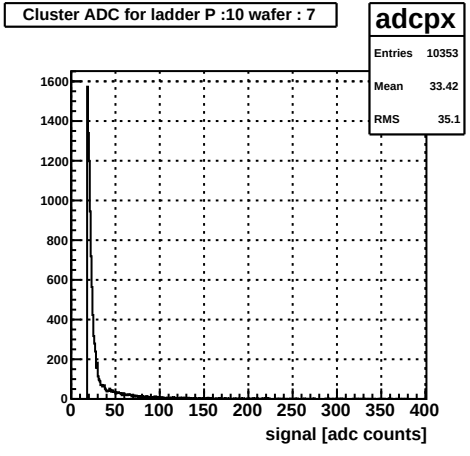

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10620
Mean 33.78
RMS 33.29
signal [adc counts]

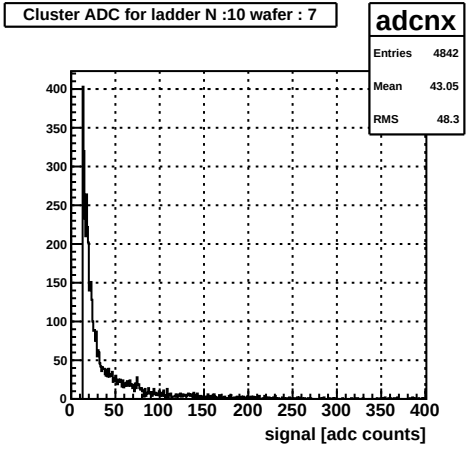

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5268
Mean 41.99
RMS 45.71
signal [adc counts]

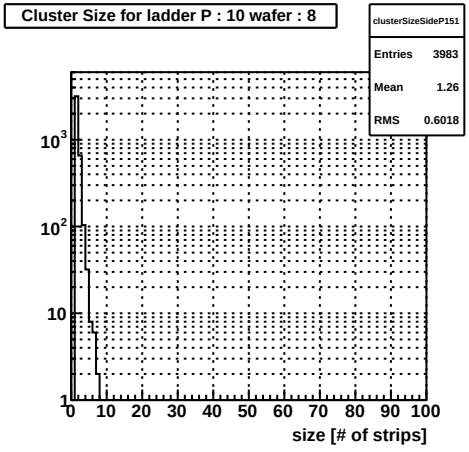

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 10353
Mean 1.092
RMS 0.35
size [# of strips]

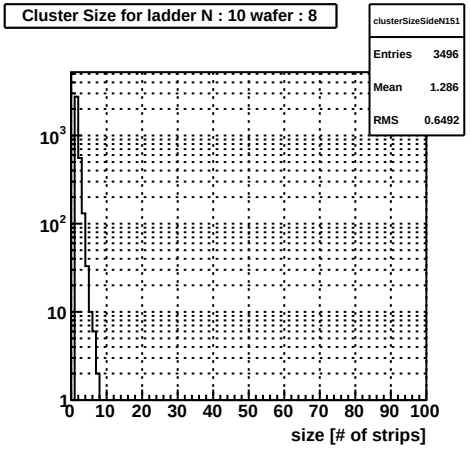

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4842
Mean 1.244
RMS 0.5733
size [# of strips]

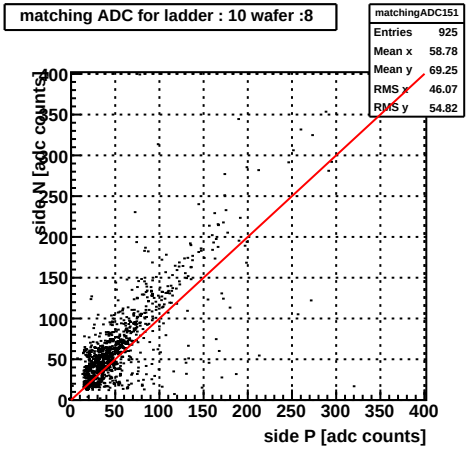

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1843
Mean x 58.69
Mean y 69.75
RMS x 53.04
RMS y 59.87
side N [adc counts]
side P [adc counts]

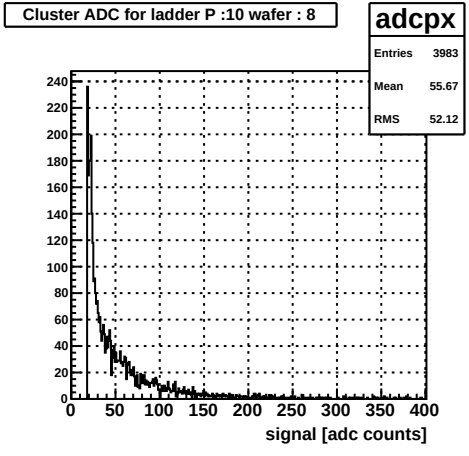

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 10353
Mean 33.42
RMS 35.1
signal [adc counts]

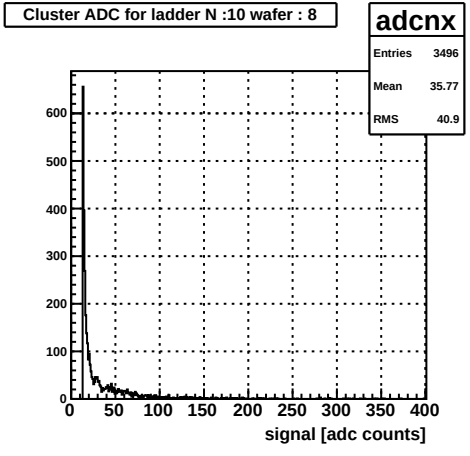

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4842
Mean 43.05
RMS 48.3
signal [adc counts]

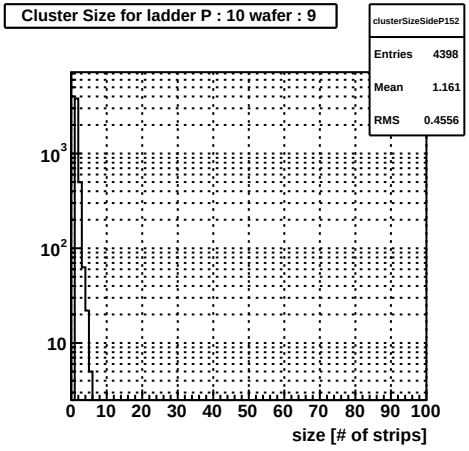

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3983
Mean 1.26
RMS 0.6018
size [# of strips]

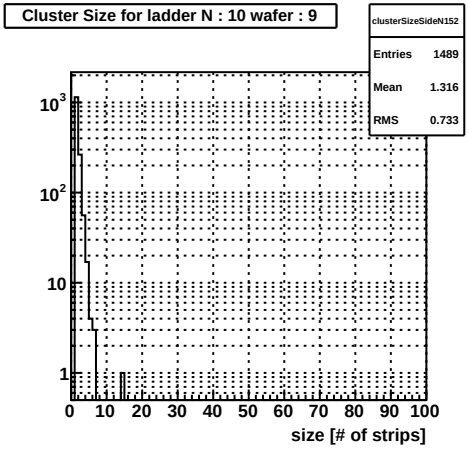

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3496
Mean 1.286
RMS 0.6492
size [# of strips]

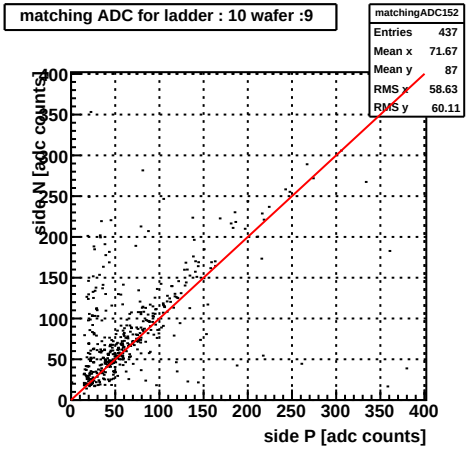

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 925
Mean x 58.78
Mean y 69.25
RMS x 46.07
RMS y 54.82
side N [adc counts]
side P [adc counts]

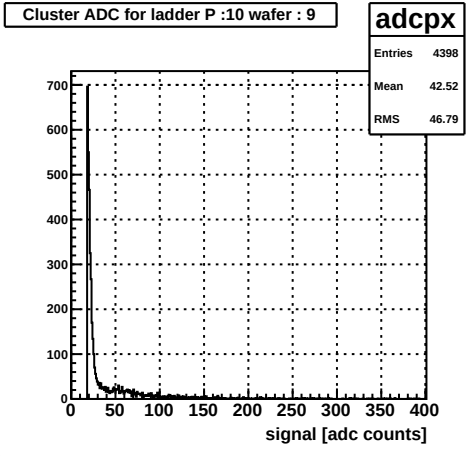

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3983
Mean 55.67
RMS 52.12
signal [adc counts]

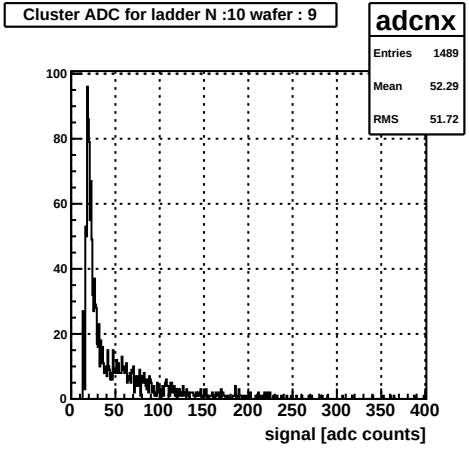

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3496
Mean 35.77
RMS 40.9
signal [adc counts]

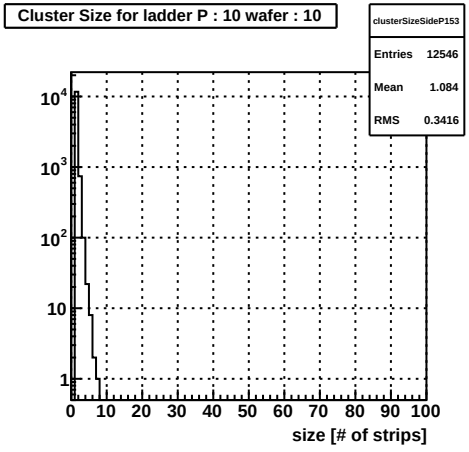

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4398
Mean 1.161
RMS 0.4556
size [# of strips]

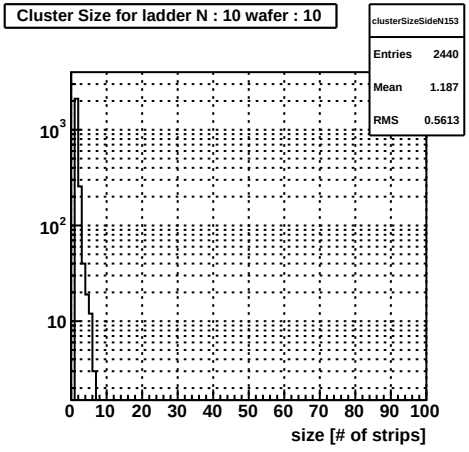

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1489
Mean 1.316
RMS 0.733
size [# of strips]

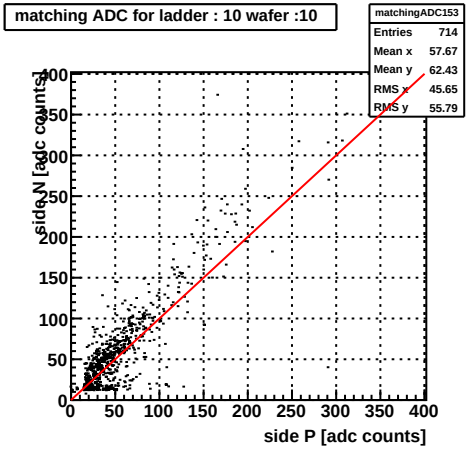

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 437
Mean x 71.67
Mean y 87
RMS x 58.63
RMS y 60.11
side N [adc counts]
side P [adc counts]

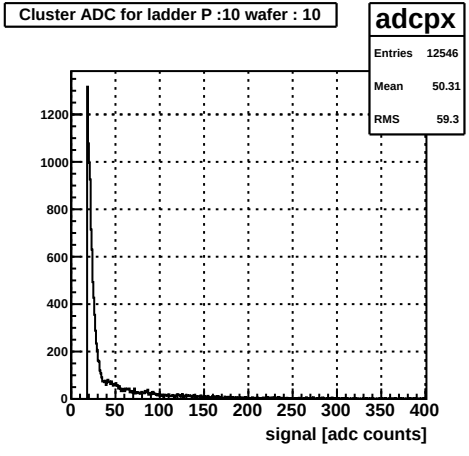

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4398
Mean 42.52
RMS 46.79
signal [adc counts]

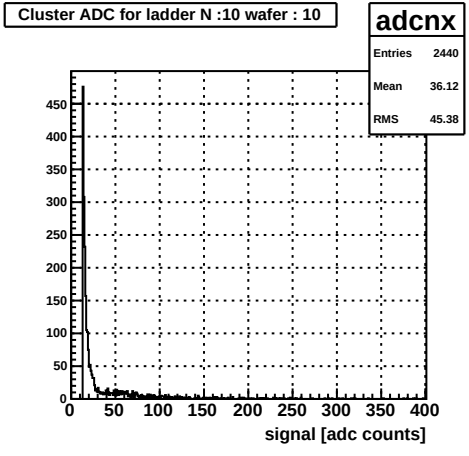

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1489
Mean 52.29
RMS 51.72
signal [adc counts]

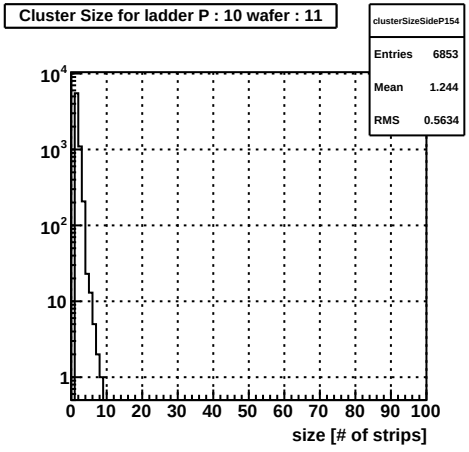

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12546
Mean 1.084
RMS 0.3416
size [# of strips]

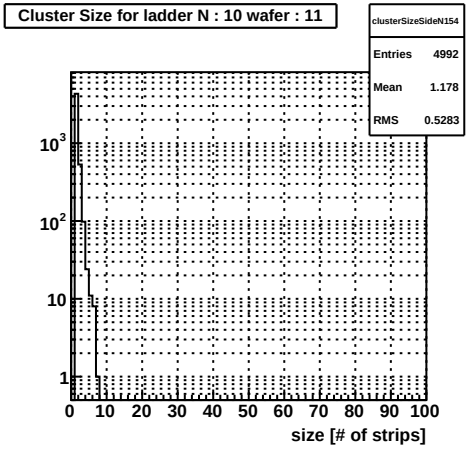

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2440
Mean 1.187
RMS 0.5613
size [# of strips]

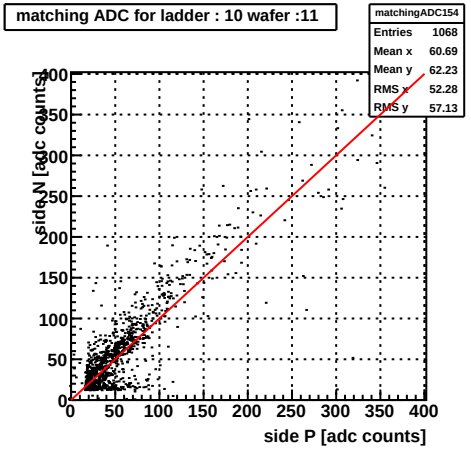

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 714
Mean x 57.67
Mean y 62.43
RMS x 45.65
RMS y 55.79
side N [adc counts]
side P [adc counts]

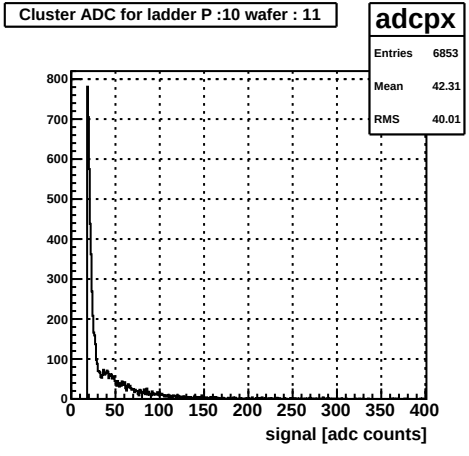

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12546
Mean 50.31
RMS 59.3
signal [adc counts]

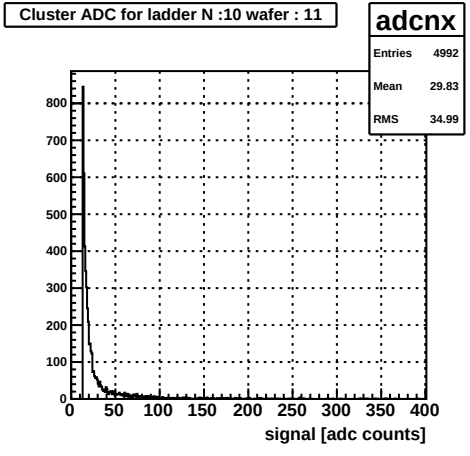

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2440
Mean 36.12
RMS 45.38
signal [adc counts]

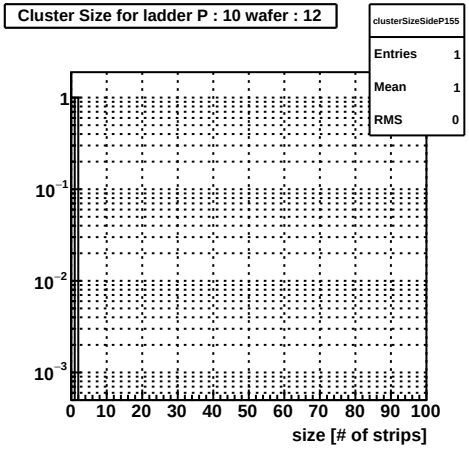

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6853
Mean 1.244
RMS 0.5634
size [# of strips]

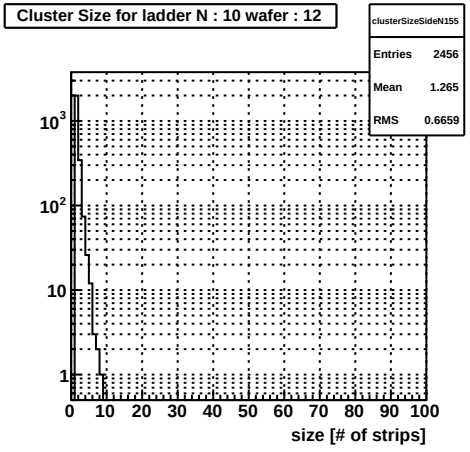

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4992
Mean 1.178
RMS 0.5283
size [# of strips]

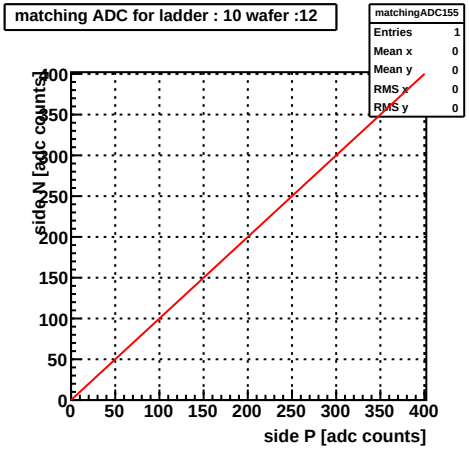

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1068
Mean x 60.69
Mean y 62.23
RMS x 52.28
RMS y 57.13
side N [adc counts]
side P [adc counts]

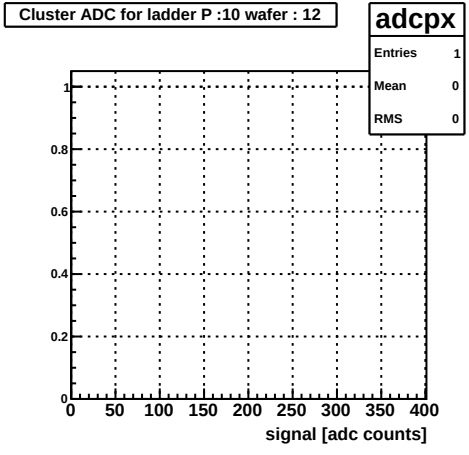

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6853
Mean 42.31
RMS 40.01
signal [adc counts]

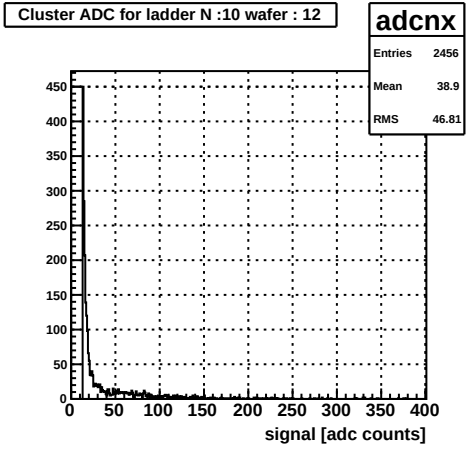

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4992
Mean 29.83
RMS 34.99
signal [adc counts]

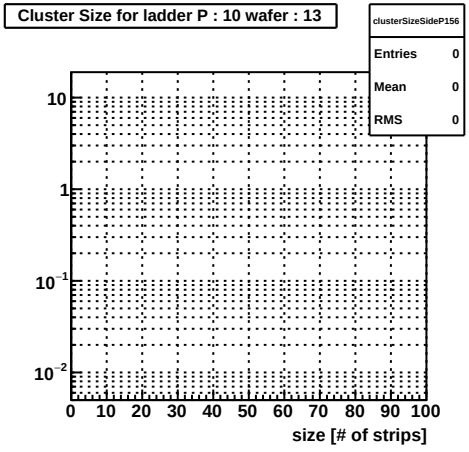

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

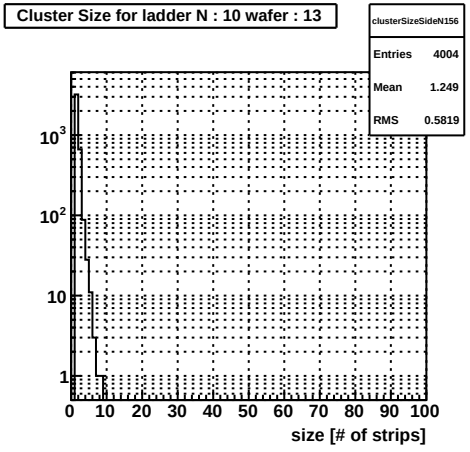

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2456
Mean 1.265
RMS 0.6659
size [# of strips]

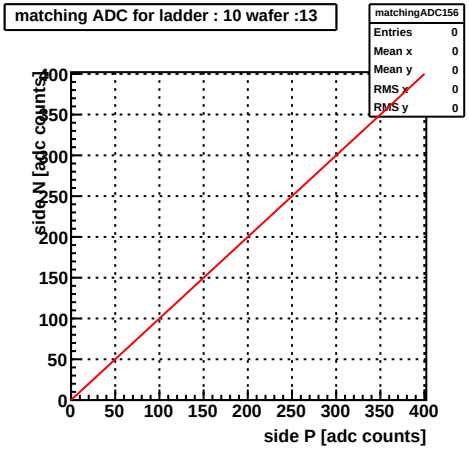

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

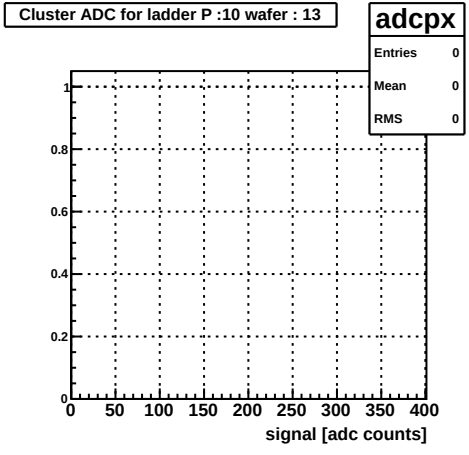

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

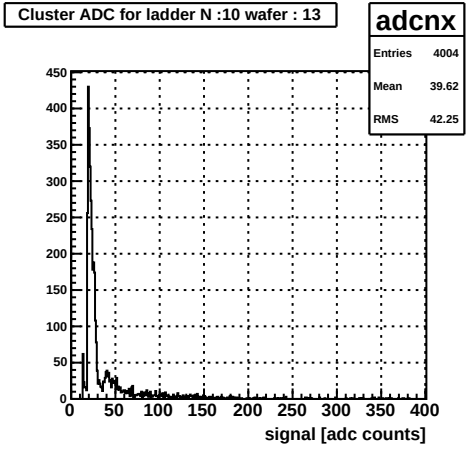

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2456
Mean 38.9
RMS 46.81
signal [adc counts]

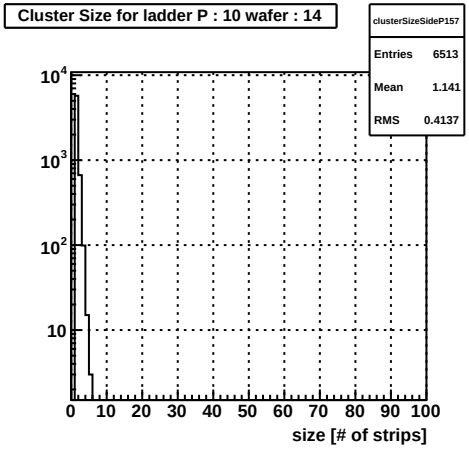

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

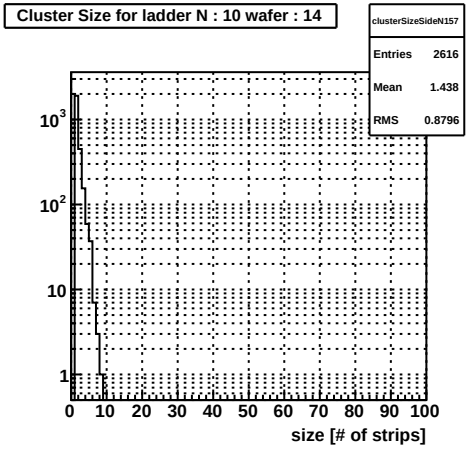

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4004
Mean 1.249
RMS 0.5819
size [# of strips]

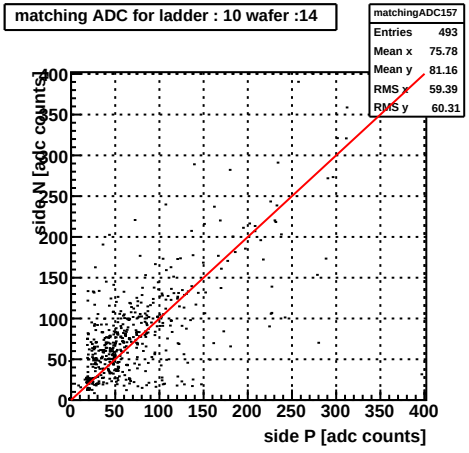

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

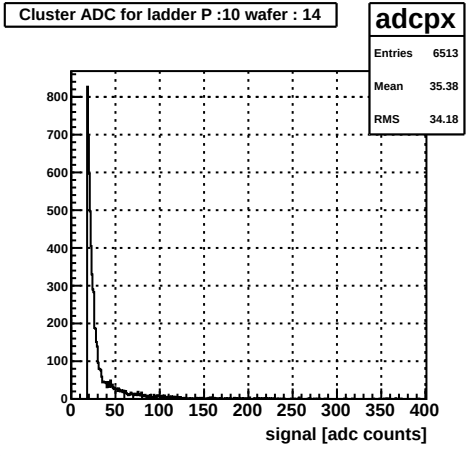

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

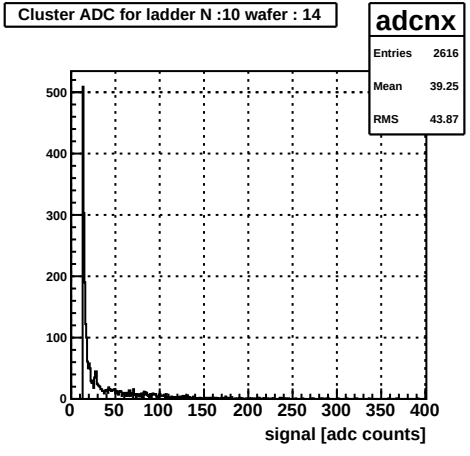

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4004
Mean 39.62
RMS 42.25
signal [adc counts]

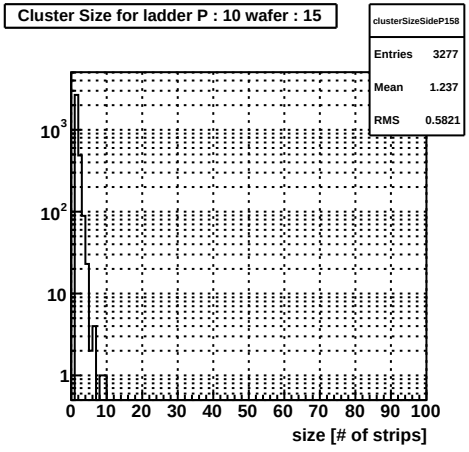

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6513
Mean 1.141
RMS 0.4137
size [# of strips]

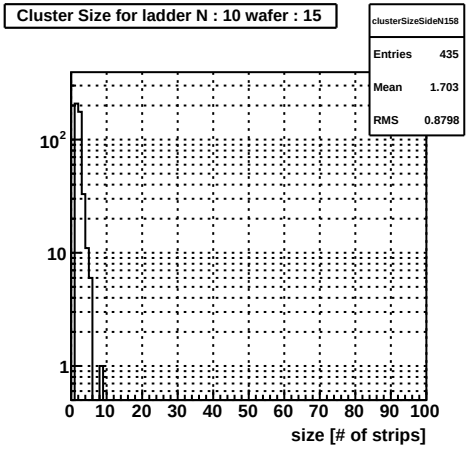

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2616
Mean 1.438
RMS 0.8796
size [# of strips]

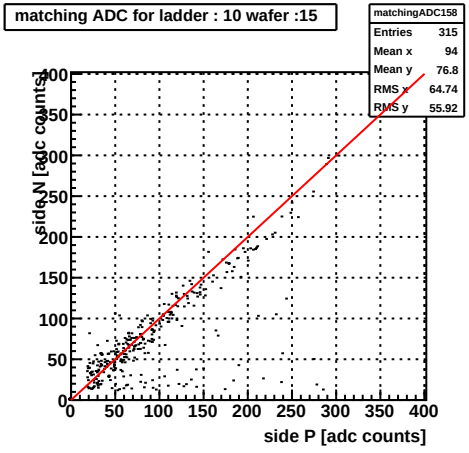

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 493
Mean x 75.78
Mean y 81.16
RMS x 59.39
RMS y 60.31
side N [adc counts]
side P [adc counts]

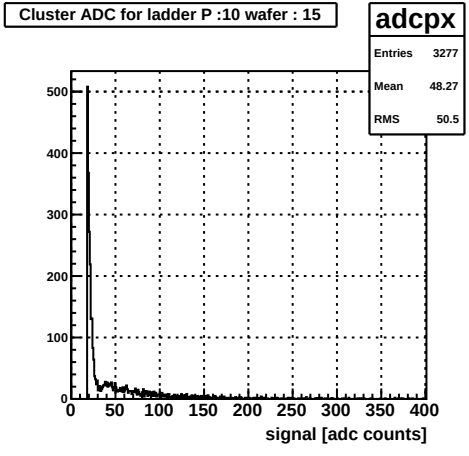

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6513
Mean 35.38
RMS 34.18
signal [adc counts]

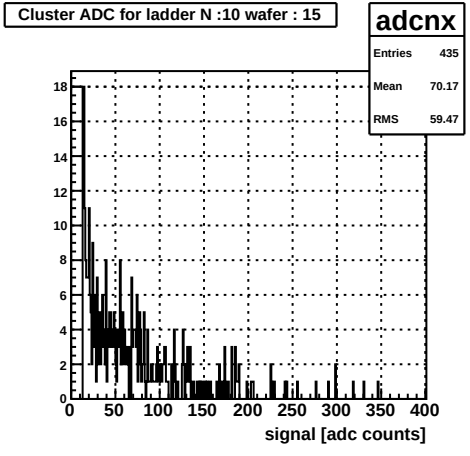

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2616
Mean 39.25
RMS 43.87
signal [adc counts]

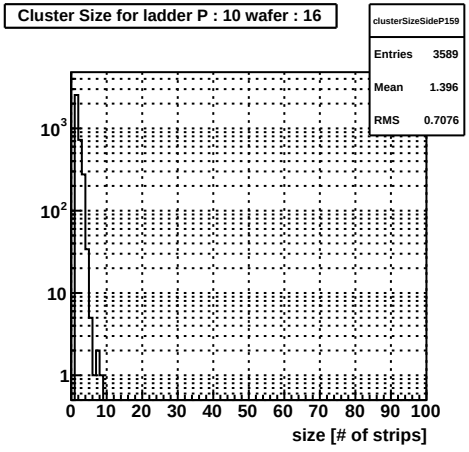

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3277
Mean 1.237
RMS 0.5821
size [# of strips]

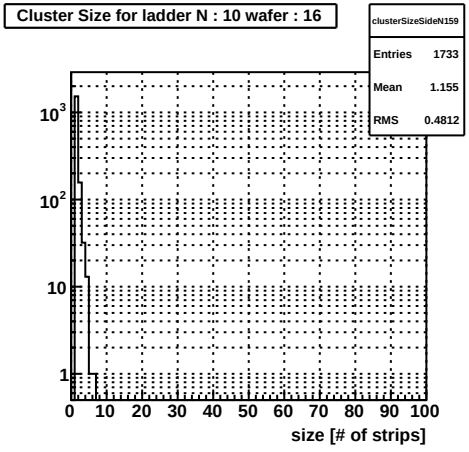

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 435
Mean 1.703
RMS 0.8798
size [# of strips]

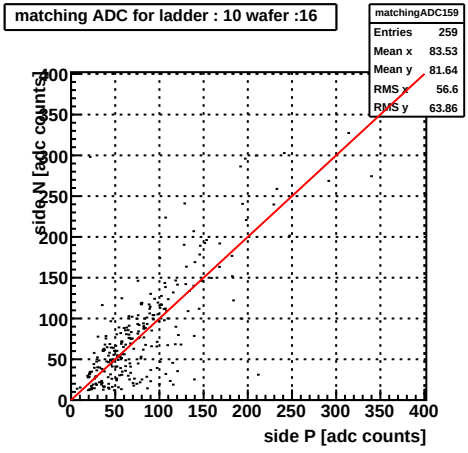

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 315
Mean x 94
Mean y 76.8
RMS x 64.74
RMS y 55.92
side N [adc counts]
side P [adc counts]

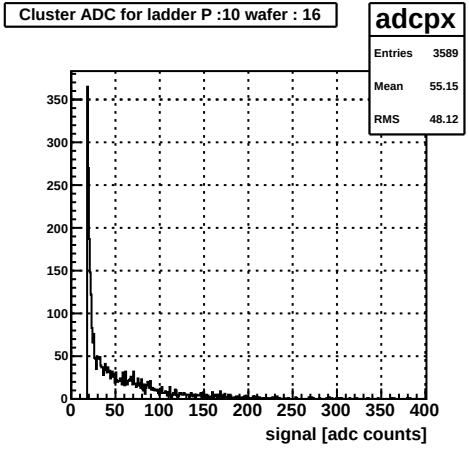

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3277
Mean 48.27
RMS 50.5
signal [adc counts]

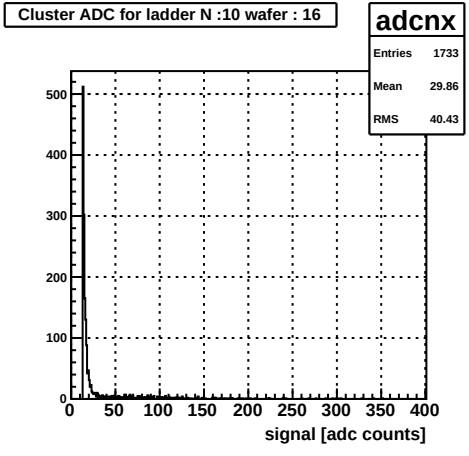

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 435
Mean 70.17
RMS 59.47
signal [adc counts]

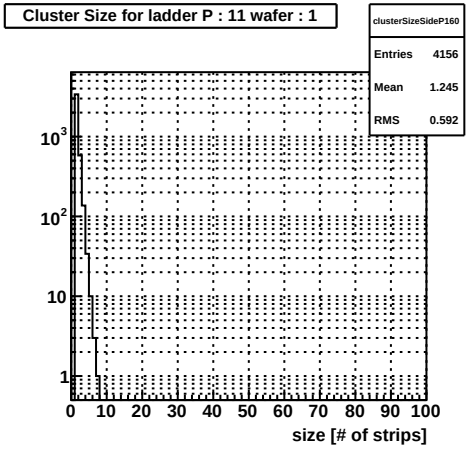

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3589
Mean 1.396
RMS 0.7076
size [# of strips]

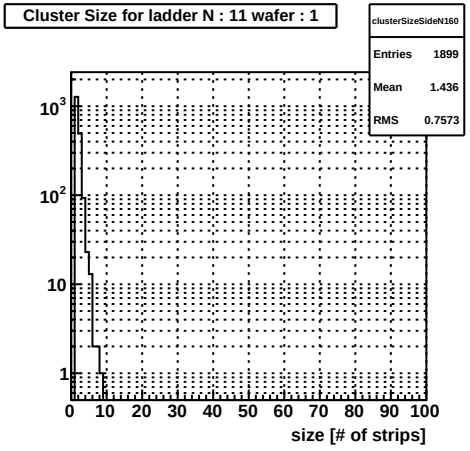

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1733
Mean 1.155
RMS 0.4812
size [# of strips]

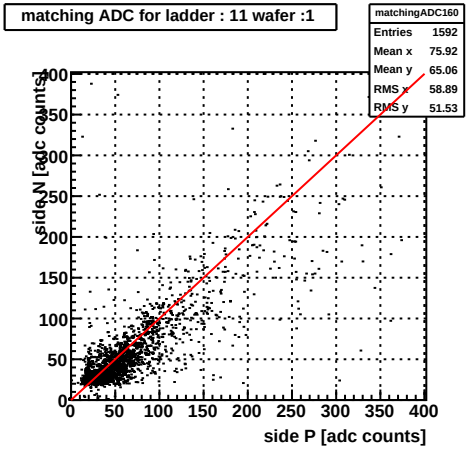

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 259
Mean x 83.53
Mean y 81.64
RMS x 56.6
RMS y 63.86
side N [adc counts]
side P [adc counts]

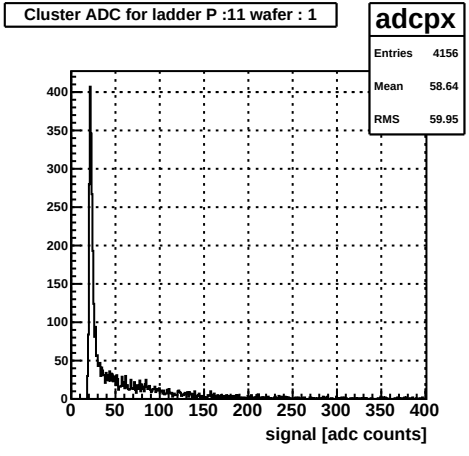

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3589
Mean 55.15
RMS 48.12
signal [adc counts]

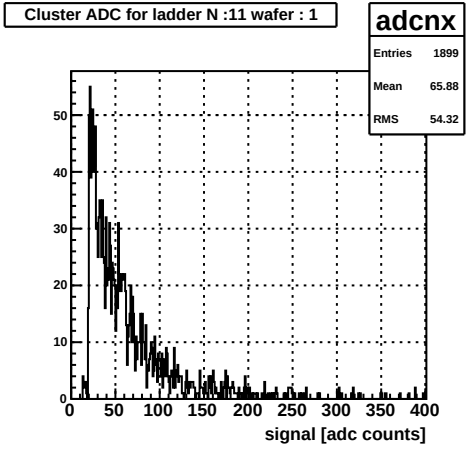

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1733
Mean 29.86
RMS 40.43
signal [adc counts]

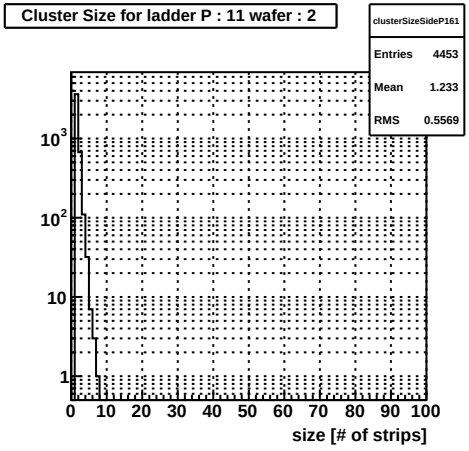

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4156
Mean 1.245
RMS 0.592
size [# of strips]

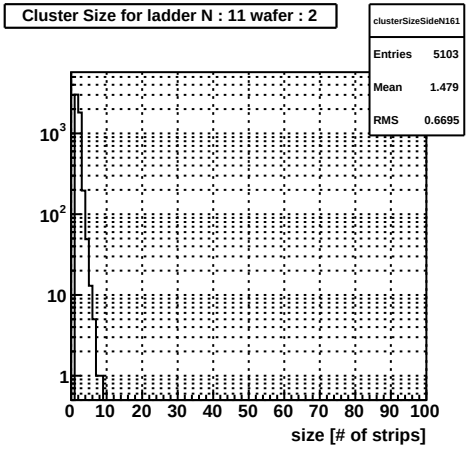

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1899
Mean 1.436
RMS 0.7573
size [# of strips]

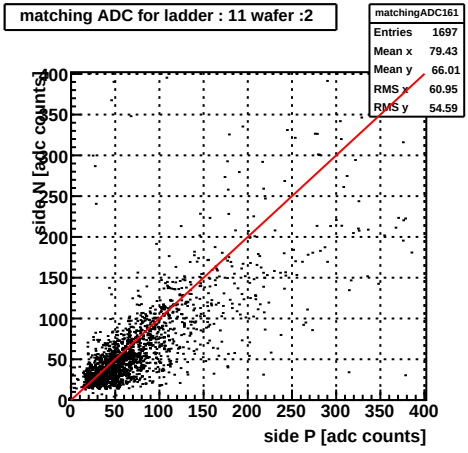

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1592
Mean x 75.92
Mean y 65.06
RMS x 58.89
RMS y 51.53
side N [adc counts]
side P [adc counts]

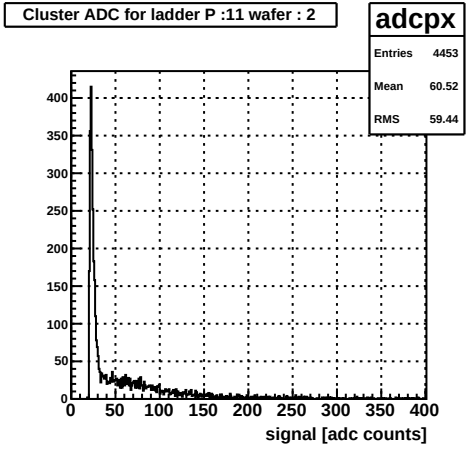

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4156
Mean 58.64
RMS 59.95
signal [adc counts]

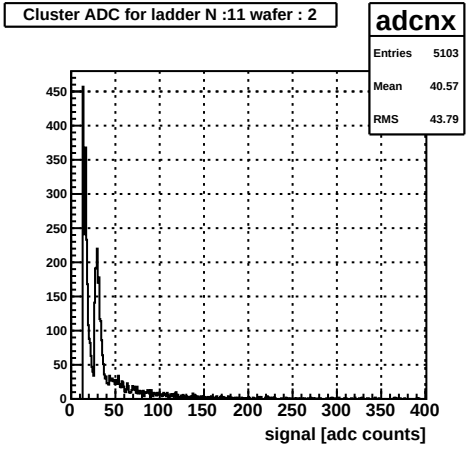

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1899
Mean 65.88
RMS 54.32
signal [adc counts]

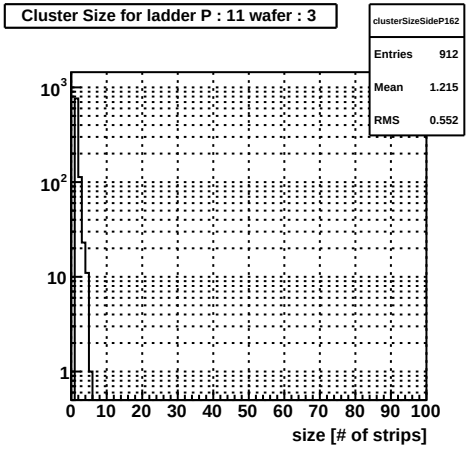

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4453
Mean 1.233
RMS 0.5569
size [# of strips]

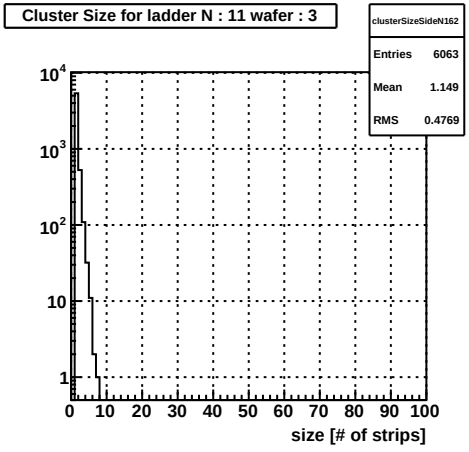

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5103
Mean 1.479
RMS 0.6695
size [# of strips]

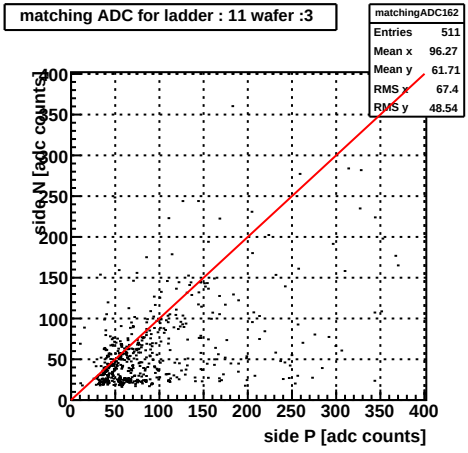

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1697
Mean x 79.43
Mean y 66.01
RMS x 60.95
RMS y 54.59
side N [adc counts]
side P [adc counts]

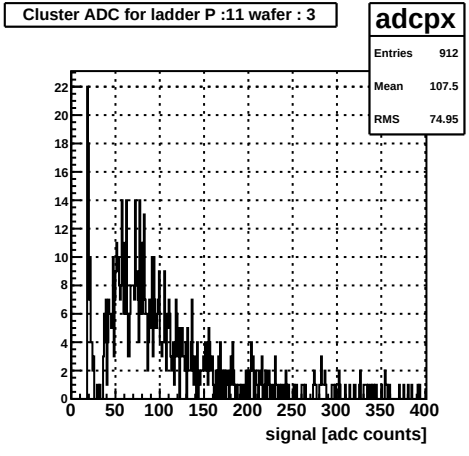

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4453
Mean 60.52
RMS 59.44
signal [adc counts]

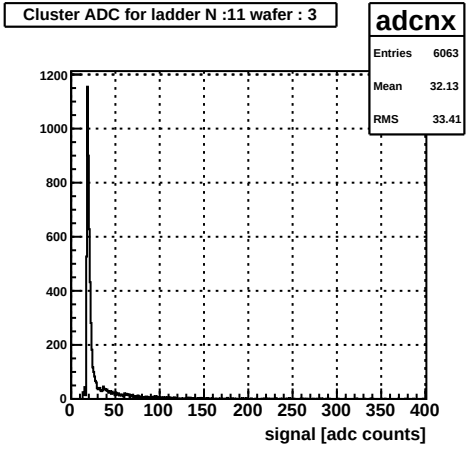

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5103
Mean 40.57
RMS 43.79
signal [adc counts]

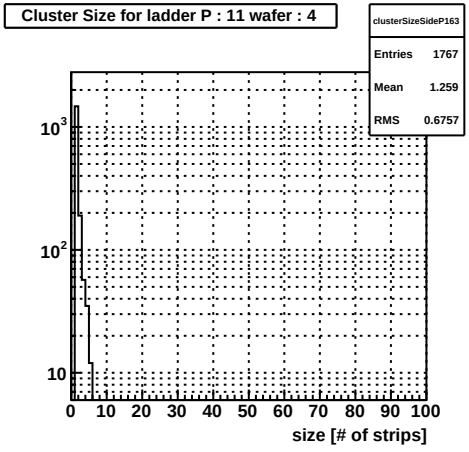

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 912
Mean 1.215
RMS 0.552
size [# of strips]

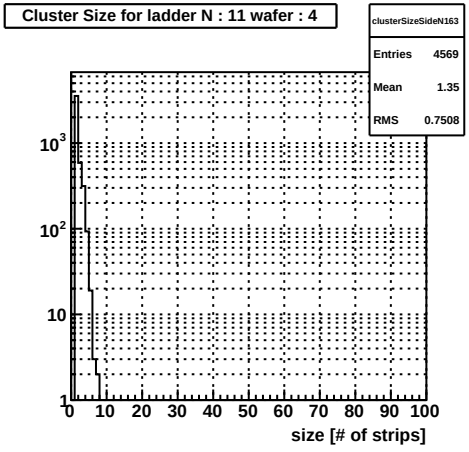

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6063
Mean 1.149
RMS 0.4769
size [# of strips]

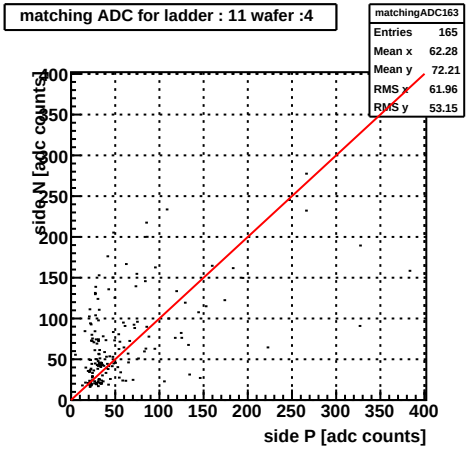

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 511
Mean x 96.27
Mean y 61.71
RMS x 67.4
RMS y 48.54
side N [adc counts]
side P [adc counts]

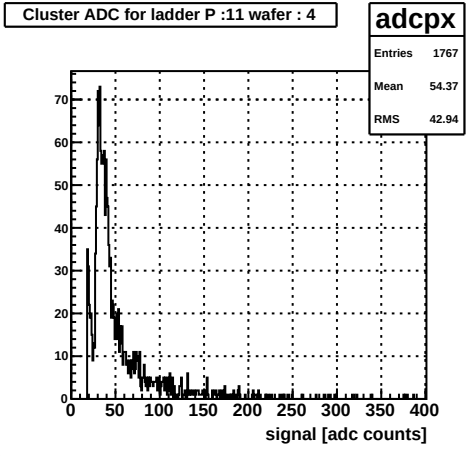

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 912
Mean 107.5
RMS 74.95
signal [adc counts]

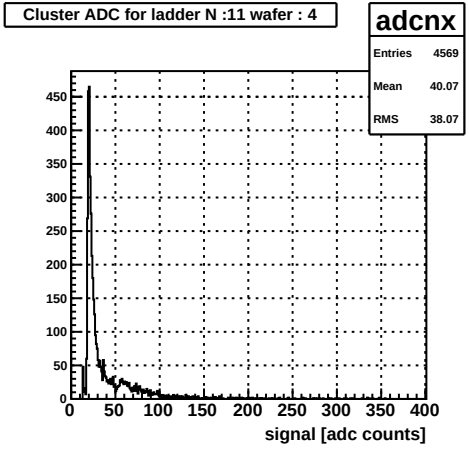

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6063
Mean 32.13
RMS 33.41
signal [adc counts]

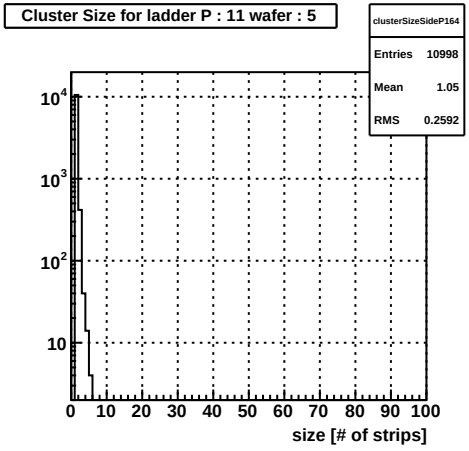

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1767
Mean 1.259
RMS 0.6757
size [# of strips]

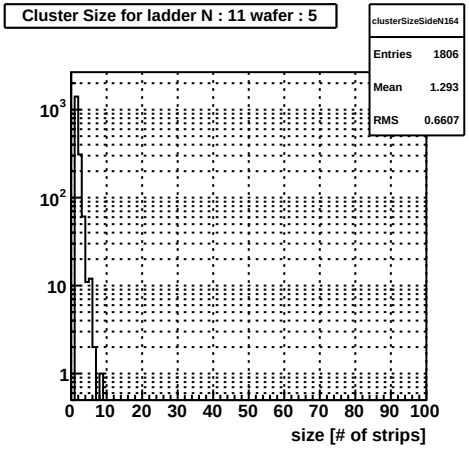

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4569
Mean 1.35
RMS 0.7508
size [# of strips]

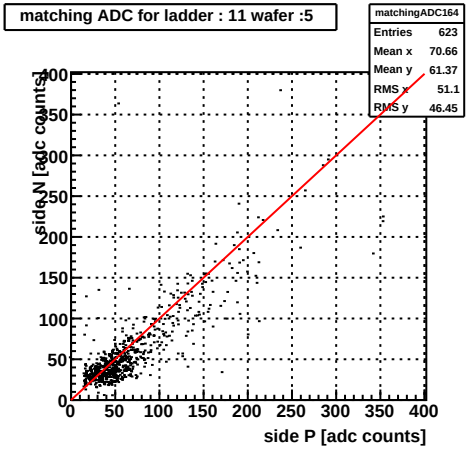

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 165
Mean x 62.28
Mean y 72.21
RMS x 61.96
RMS y 53.15
side N [adc counts]
side P [adc counts]

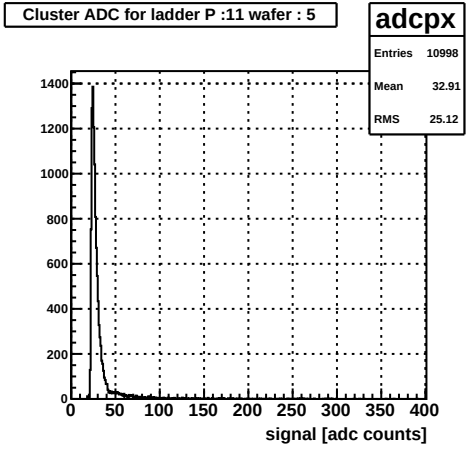

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1767
Mean 54.37
RMS 42.94
signal [adc counts]

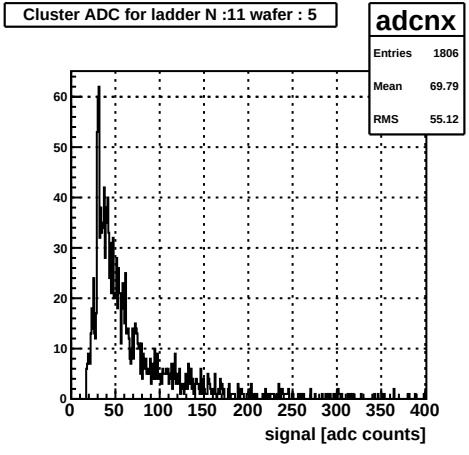

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4569
Mean 40.07
RMS 38.07
signal [adc counts]

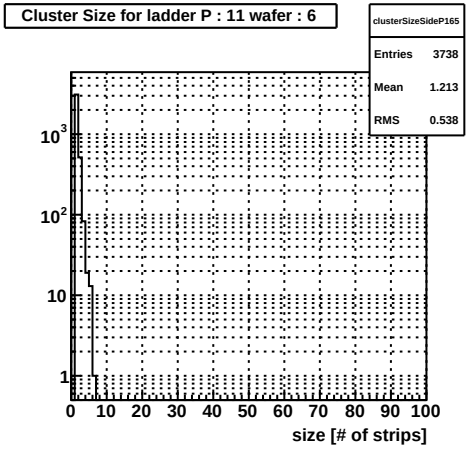

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 10998
Mean 1.05
RMS 0.2592
size [# of strips]

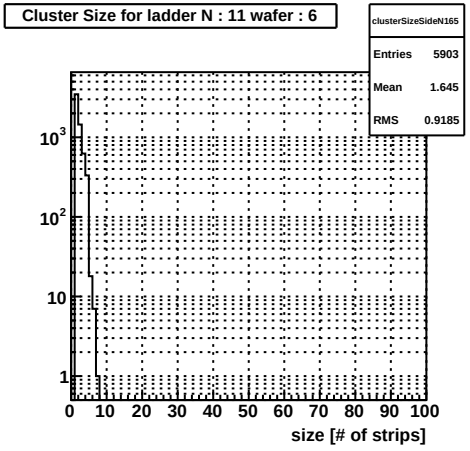

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1806
Mean 1.293
RMS 0.6607
size [# of strips]

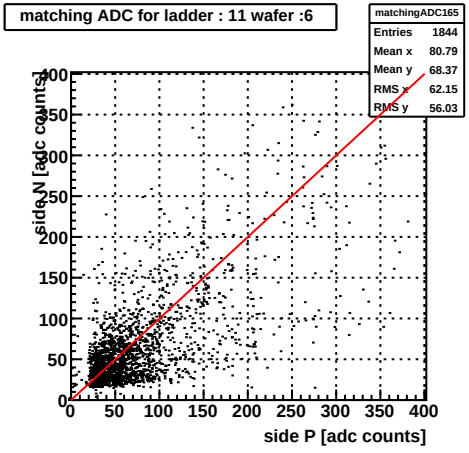

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 623
Mean x 70.66
Mean y 61.37
RMS x 51.1
RMS y 46.45
side N [adc counts]
side P [adc counts]

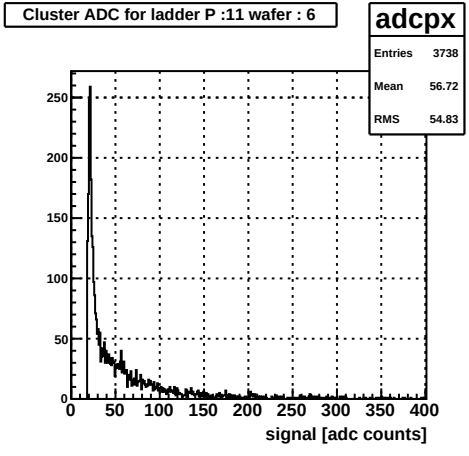

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 10998
Mean 32.91
RMS 25.12
signal [adc counts]

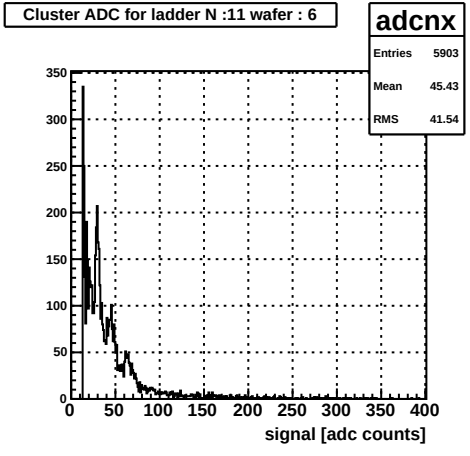

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1806
Mean 69.79
RMS 55.12
signal [adc counts]

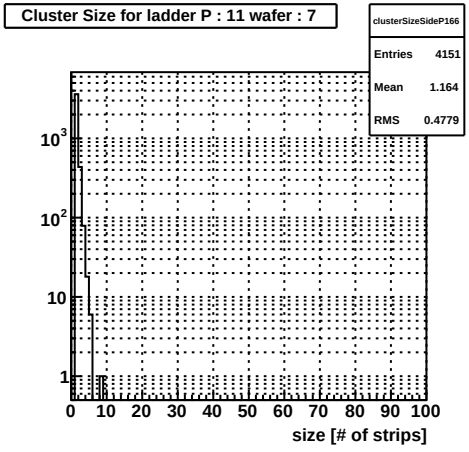

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3738
Mean 1.213
RMS 0.538
size [# of strips]

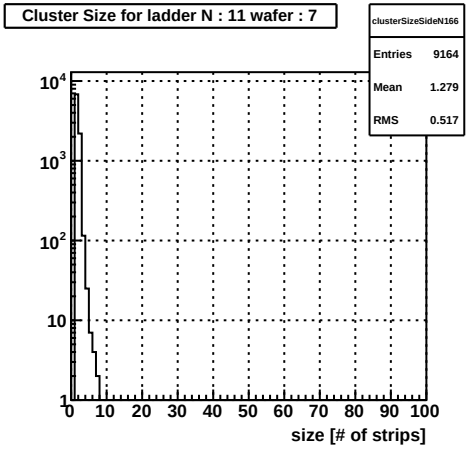

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5903
Mean 1.645
RMS 0.9185
size [# of strips]

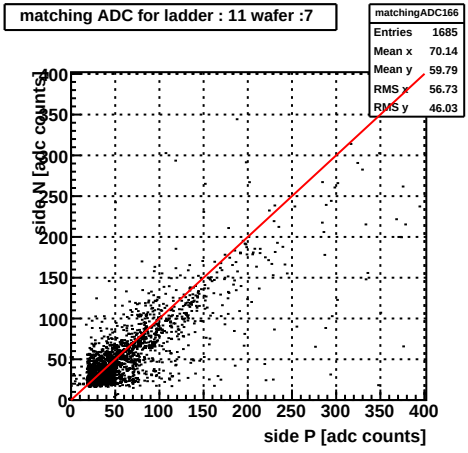

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1844
Mean x 80.79
Mean y 68.37
RMS x 62.15
RMS y 56.03
side N [adc counts]
side P [adc counts]

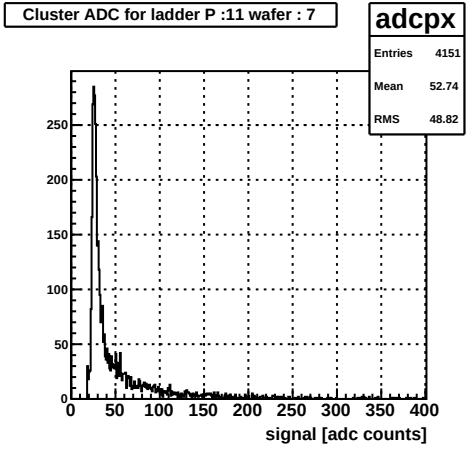

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3738
Mean 56.72
RMS 54.83
signal [adc counts]

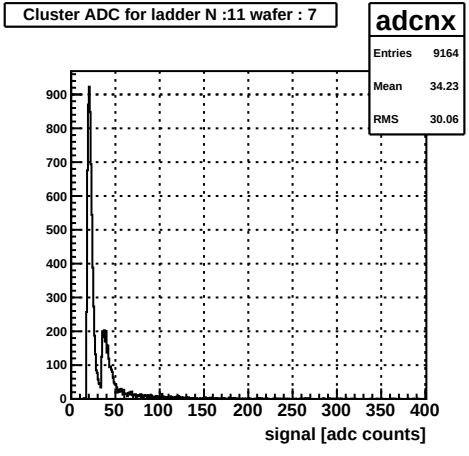

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5903
Mean 45.43
RMS 41.54
signal [adc counts]

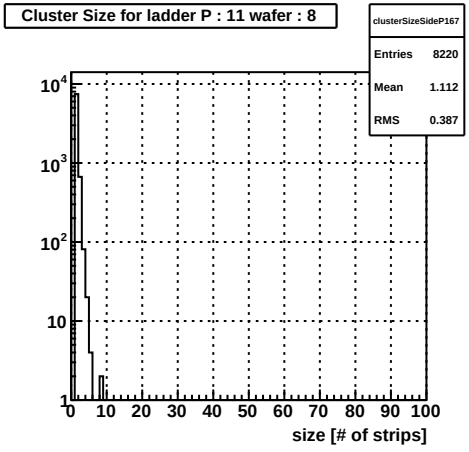

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4151
Mean 1.164
RMS 0.4779
size [# of strips]

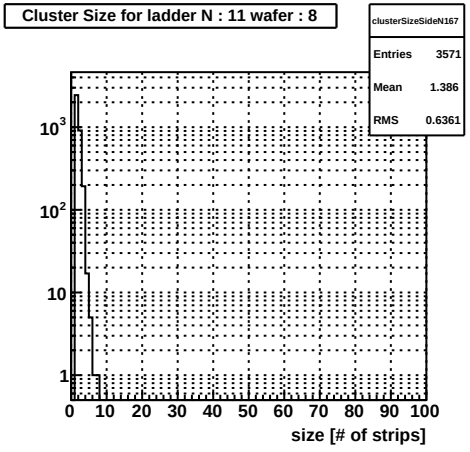

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9164
Mean 1.279
RMS 0.517
size [# of strips]

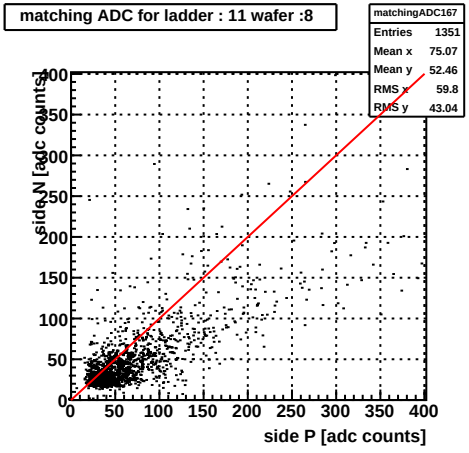

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1685
Mean x 70.14
Mean y 59.79
RMS x 56.73
RMS y 46.03
side N [adc counts]
side P [adc counts]

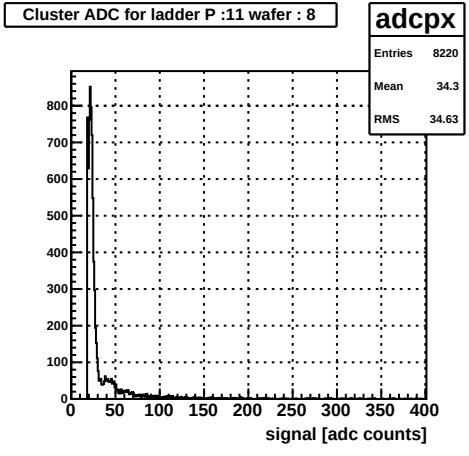

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4151
Mean 52.74
RMS 48.82
signal [adc counts]

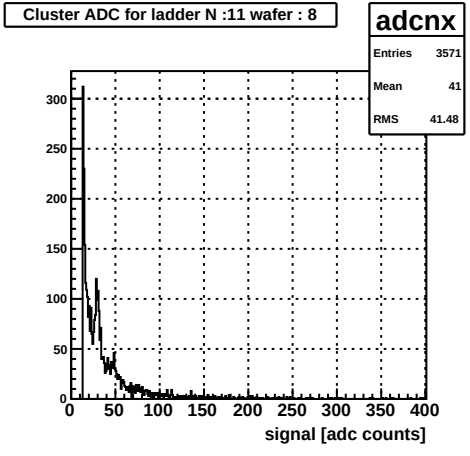

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9164
Mean 34.23
RMS 30.06
signal [adc counts]

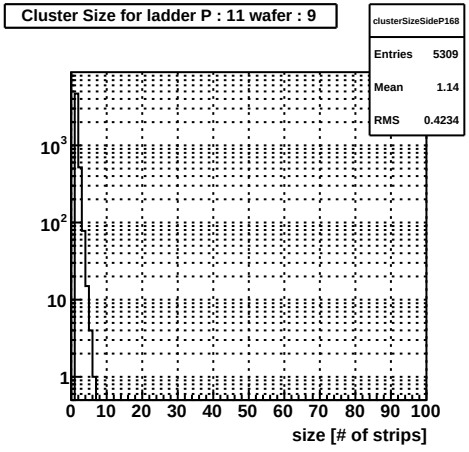

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8220
Mean 1.112
RMS 0.387
size [# of strips]

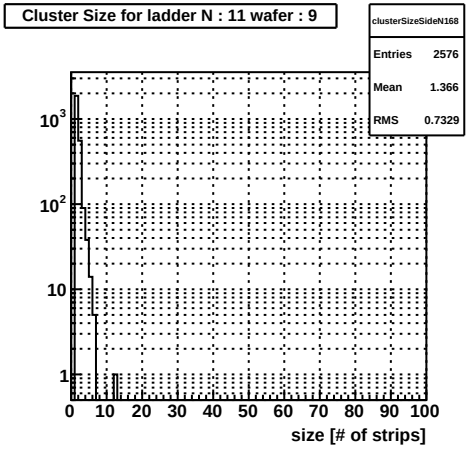

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3571
Mean 1.386
RMS 0.6361
size [# of strips]

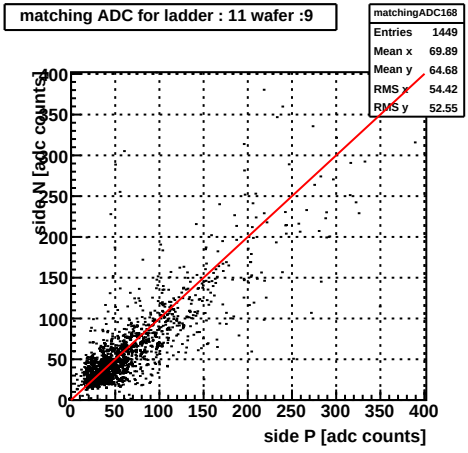

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1351
Mean x 75.07
Mean y 52.46
RMS x 59.8
RMS y 43.04
side N [adc counts]
side P [adc counts]

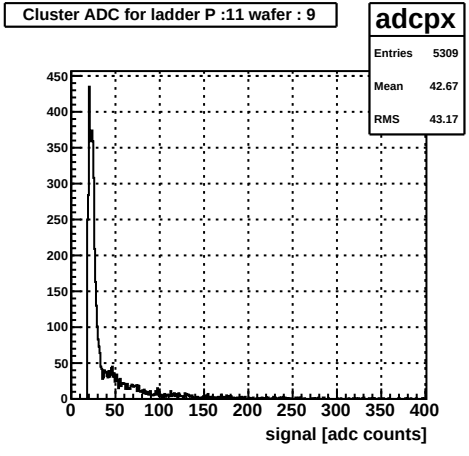

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8220
Mean 34.3
RMS 34.63
signal [adc counts]

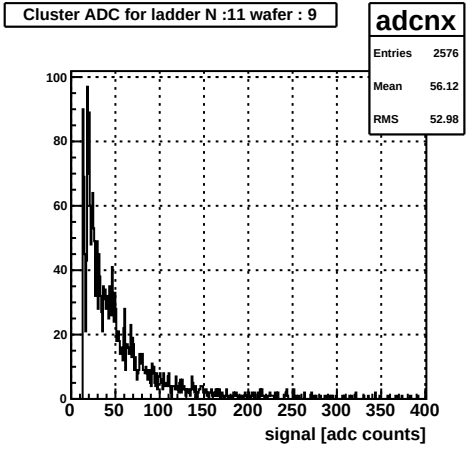

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3571
Mean 41
RMS 41.48
signal [adc counts]

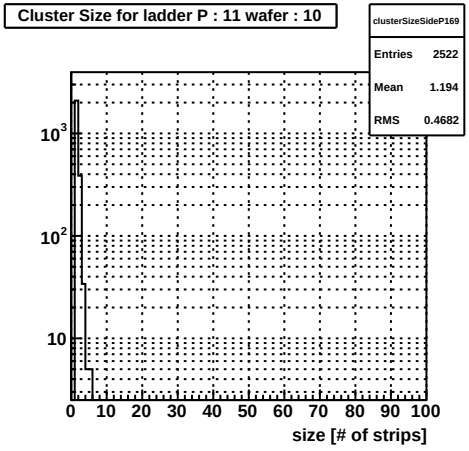

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5309
Mean 1.14
RMS 0.4234
size [# of strips]

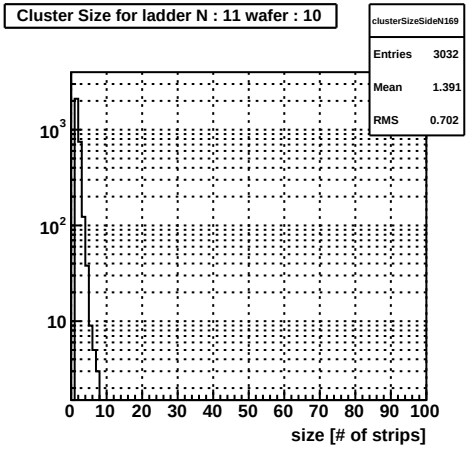

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2576
Mean 1.366
RMS 0.7329
size [# of strips]

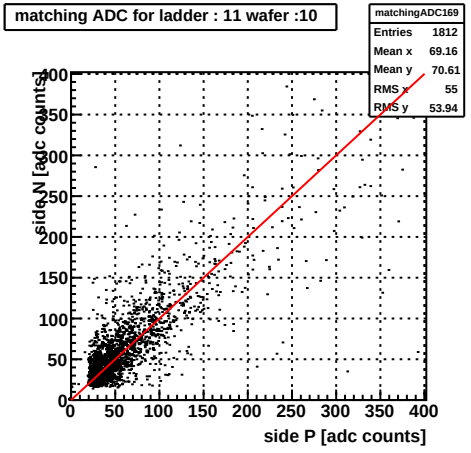

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1449
Mean x 69.89
Mean y 64.68
RMS x 54.42
RMS y 52.55
side N [adc counts]
side P [adc counts]

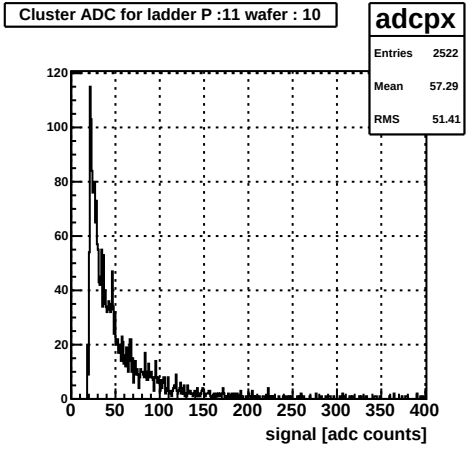

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5309
Mean 42.67
RMS 43.17
signal [adc counts]

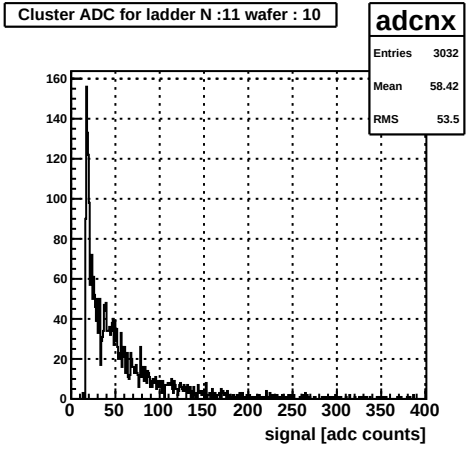

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2576
Mean 56.12
RMS 52.98
signal [adc counts]

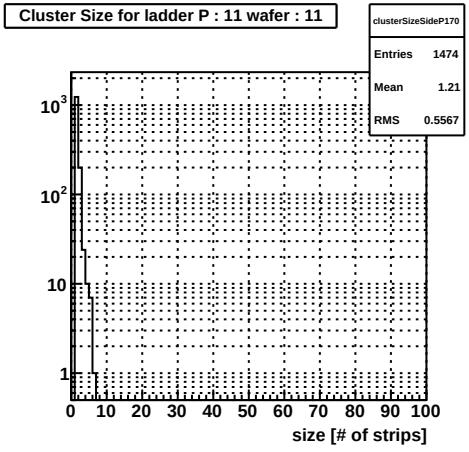

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2522
Mean 1.194
RMS 0.4682
size [# of strips]

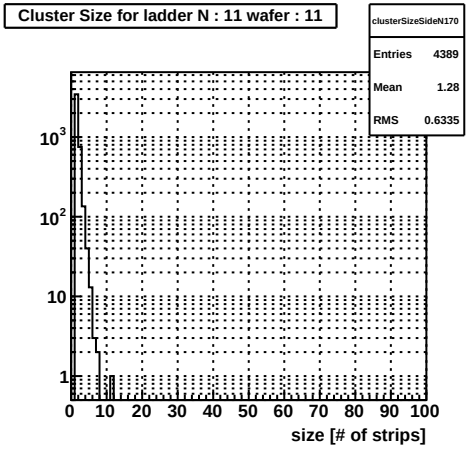

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3032
Mean 1.391
RMS 0.702
size [# of strips]

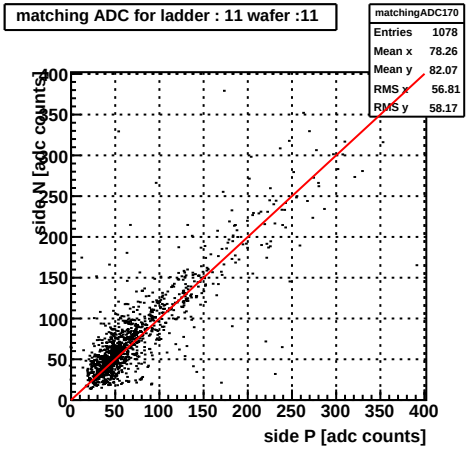

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1812
Mean x 69.16
Mean y 70.61
RMS x 55
RMS y 53.94
side N [adc counts]
side P [adc counts]

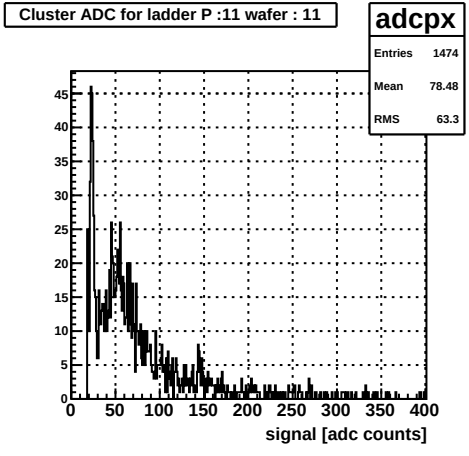

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2522
Mean 57.29
RMS 51.41
signal [adc counts]

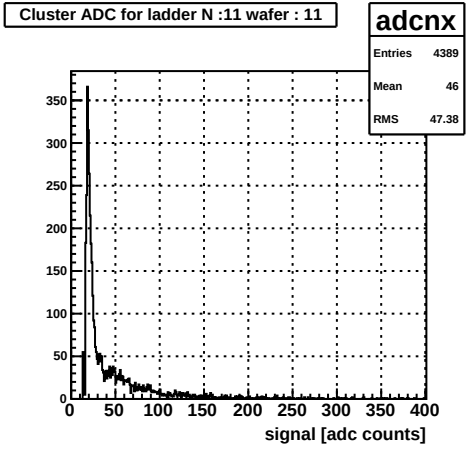

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3032
Mean 58.42
RMS 53.5
signal [adc counts]

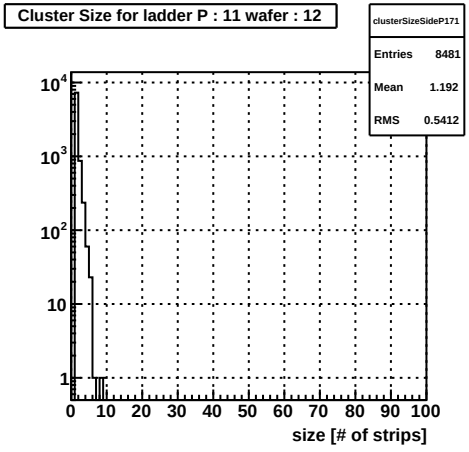

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1474
Mean 1.21
RMS 0.5567
size [# of strips]

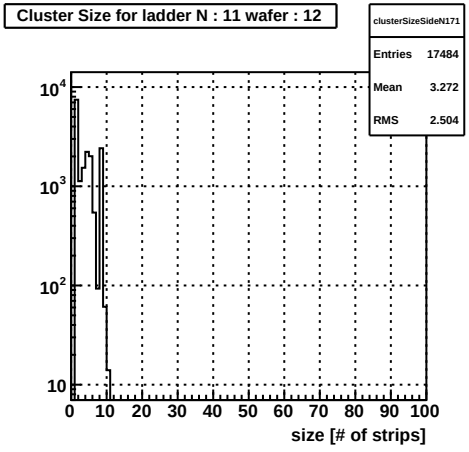

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4389
Mean 1.28
RMS 0.6335
size [# of strips]

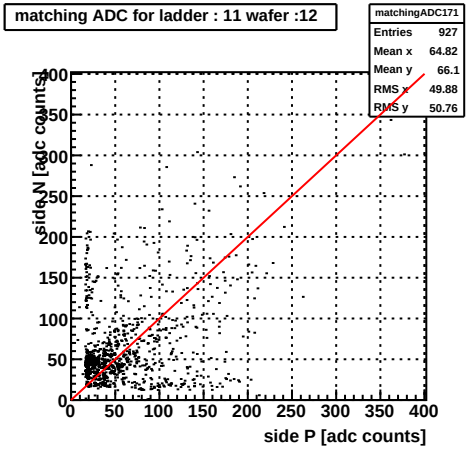

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1078
Mean x 78.26
Mean y 82.07
RMS x 56.81
RMS y 58.17
side N [adc counts]
side P [adc counts]

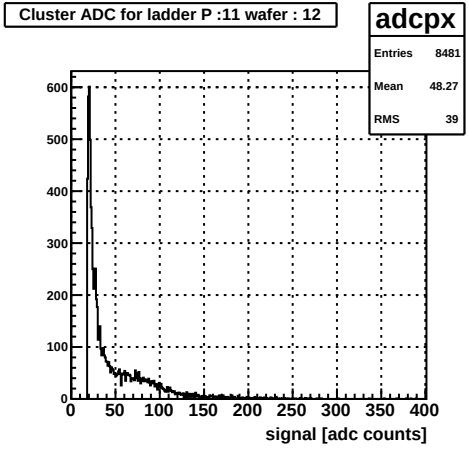

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1474
Mean 78.48
RMS 63.3
signal [adc counts]

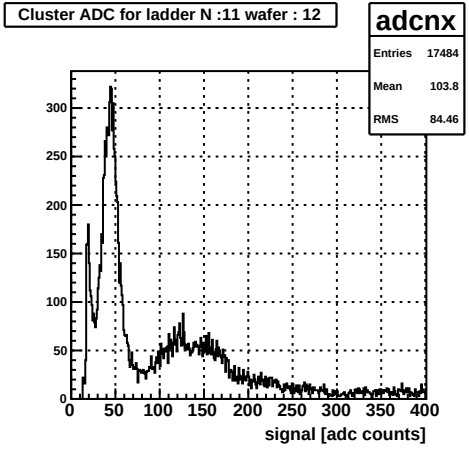

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4389
Mean 46
RMS 47.38
signal [adc counts]

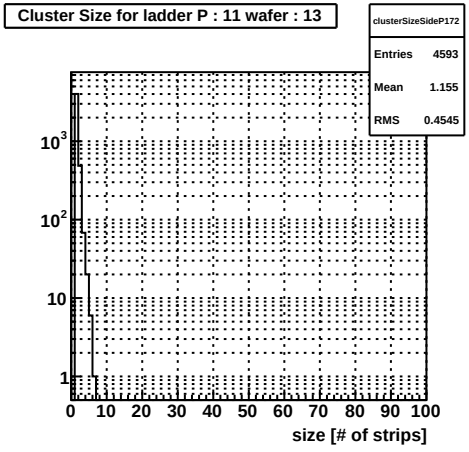

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8481
Mean 1.192
RMS 0.5412
size [# of strips]

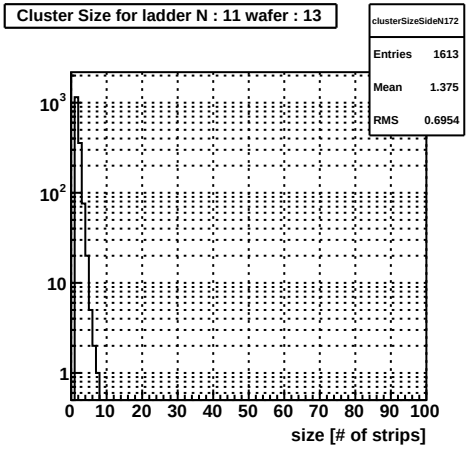

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 17484
Mean 3.272
RMS 2.504
size [# of strips]

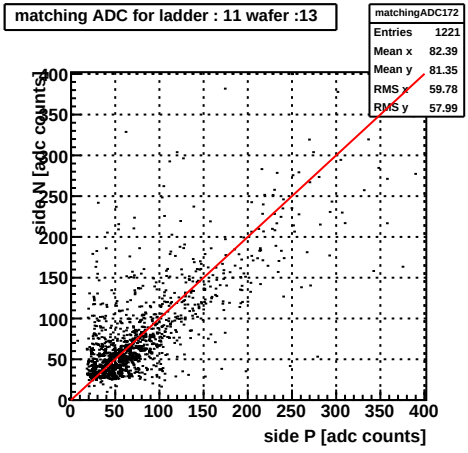

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 927
Mean x 64.82
Mean y 66.1
RMS x 49.88
RMS y 50.76
side N [adc counts]
side P [adc counts]

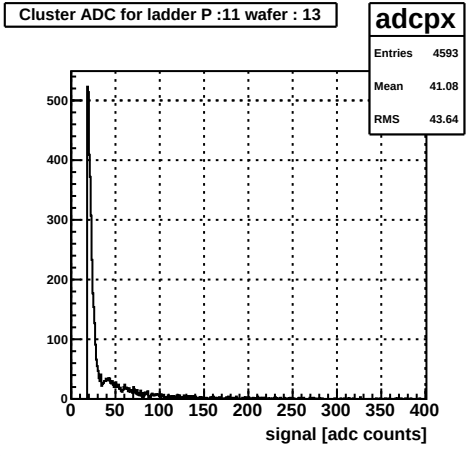

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8481
Mean 48.27
RMS 39
signal [adc counts]

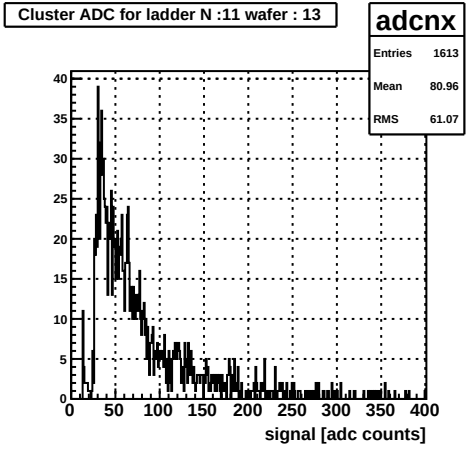

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 17484
Mean 103.8
RMS 84.46
signal [adc counts]

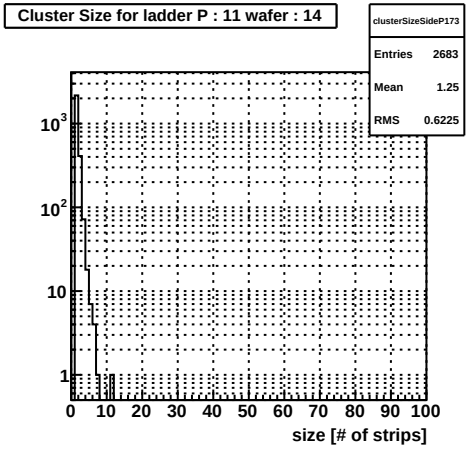

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4593
Mean 1.155
RMS 0.4545
size [# of strips]

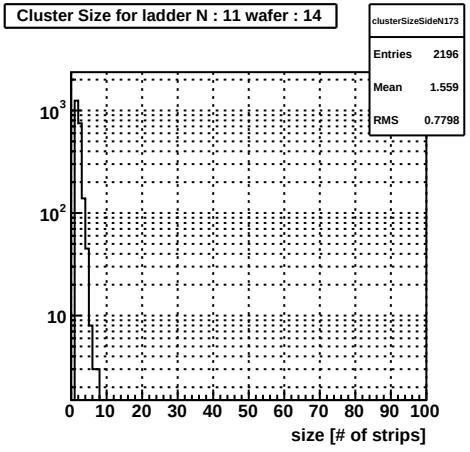

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1613
Mean 1.375
RMS 0.6954
size [# of strips]

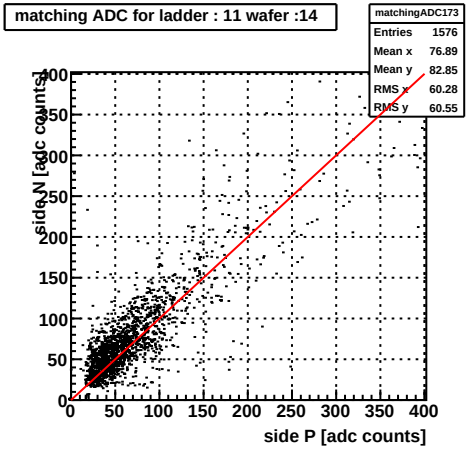

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1221
Mean x 82.39
Mean y 81.35
RMS x 59.78
RMS y 57.99
side N [adc counts]
side P [adc counts]

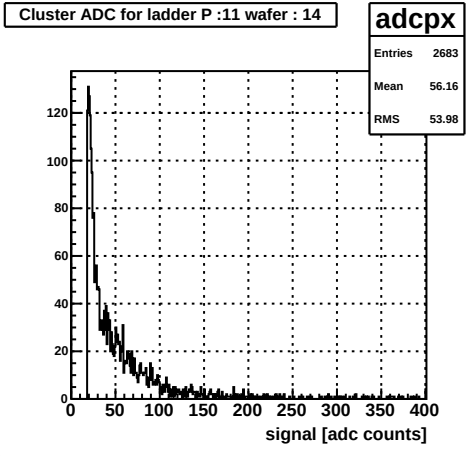

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4593
Mean 41.08
RMS 43.64
signal [adc counts]

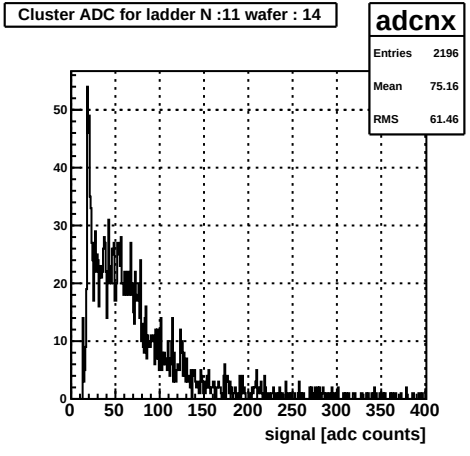

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1613
Mean 80.96
RMS 61.07
signal [adc counts]

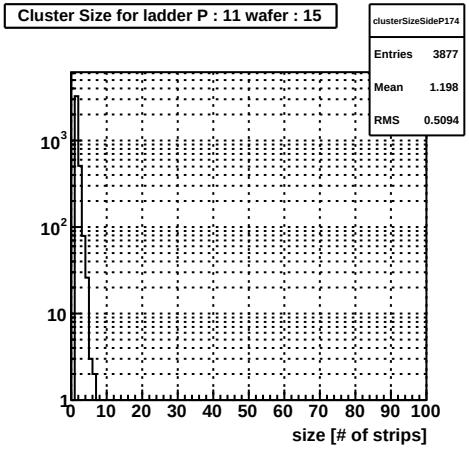

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2683
Mean 1.25
RMS 0.6225
size [# of strips]

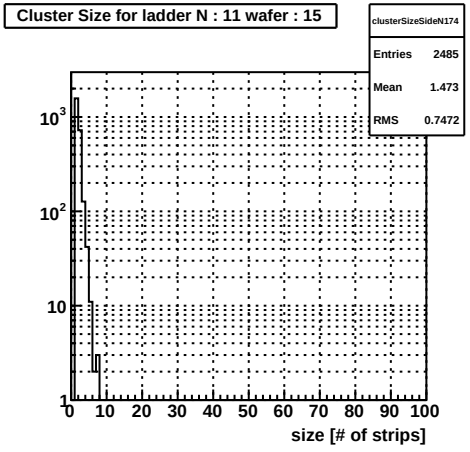

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2196
Mean 1.559
RMS 0.7798
size [# of strips]

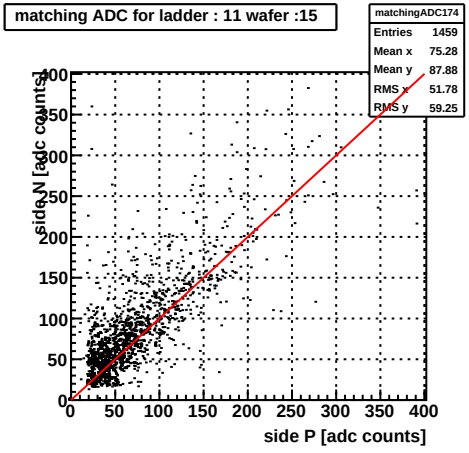

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1576
Mean x 76.89
Mean y 82.85
RMS x 60.28
RMS y 60.55
side N [adc counts]
side P [adc counts]

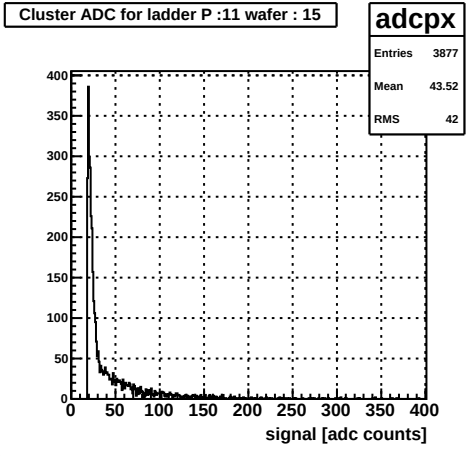

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2683
Mean 56.16
RMS 53.98
signal [adc counts]

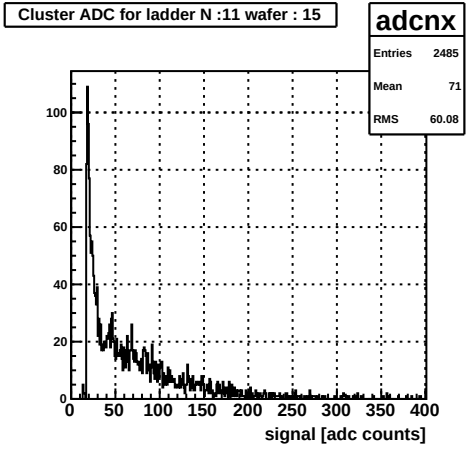

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2196
Mean 75.16
RMS 61.46
signal [adc counts]

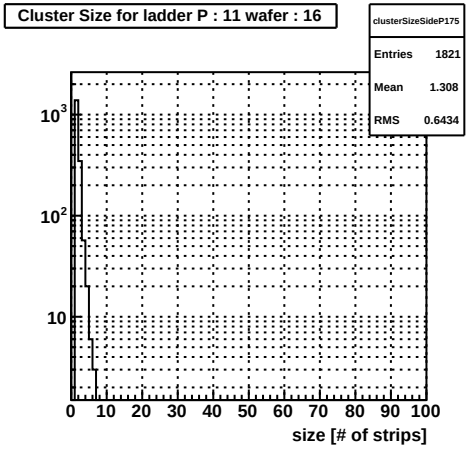

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 3877
Mean 1.198
RMS 0.5094
size [# of strips]

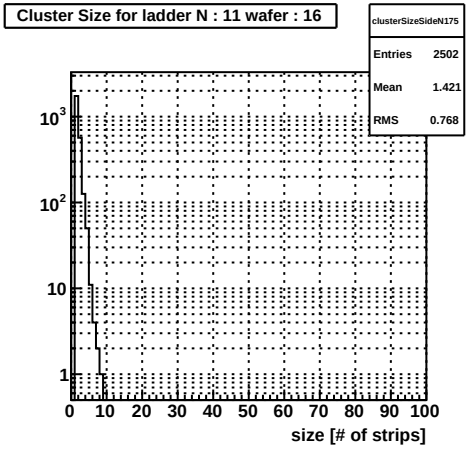

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2485
Mean 1.473
RMS 0.7472
size [# of strips]

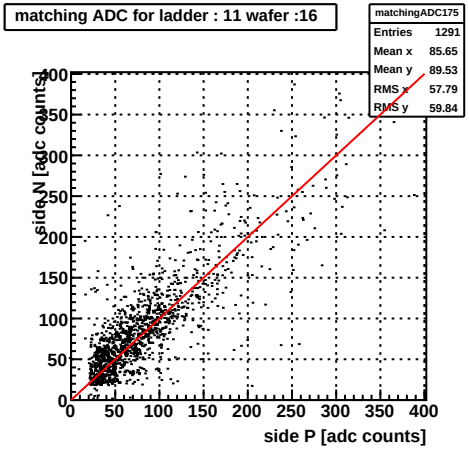

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1459
Mean x 75.28
Mean y 87.88
RMS x 51.78
RMS y 59.25
side N [adc counts]
side P [adc counts]

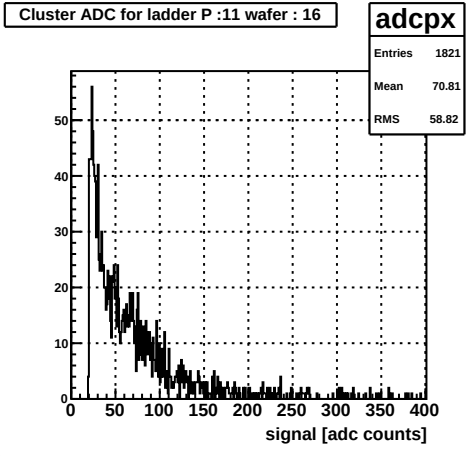

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 3877
Mean 43.52
RMS 42
signal [adc counts]

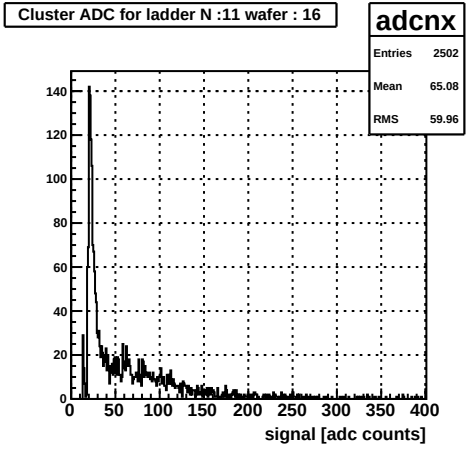

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2485
Mean 71
RMS 60.08
signal [adc counts]

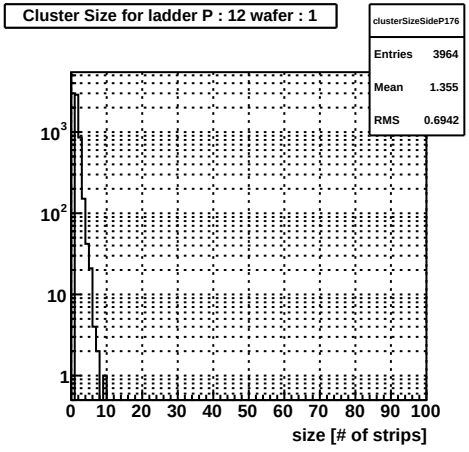

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1821
Mean 1.308
RMS 0.6434
size [# of strips]

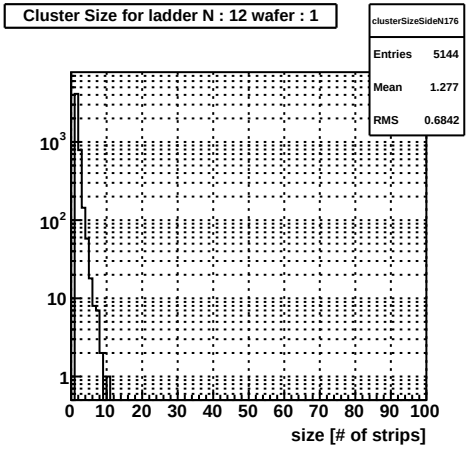

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2502
Mean 1.421
RMS 0.768
size [# of strips]

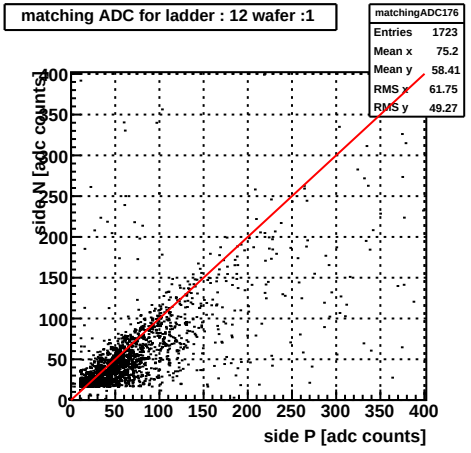

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1291
Mean x 85.65
Mean y 89.53
RMS x 57.79
RMS y 59.84
side N [adc counts]
side P [adc counts]

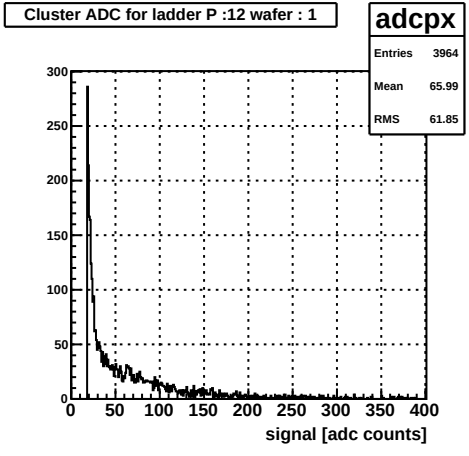

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1821
Mean 70.81
RMS 58.82
signal [adc counts]

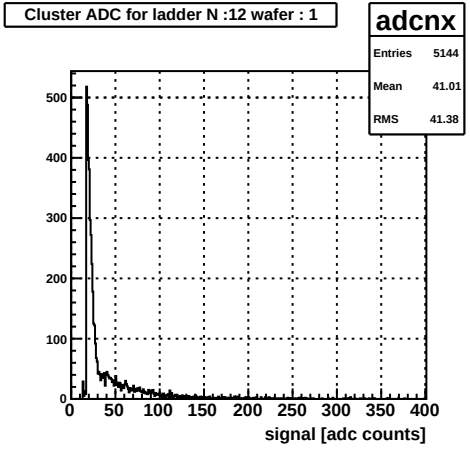

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2502
Mean 65.08
RMS 59.96
signal [adc counts]

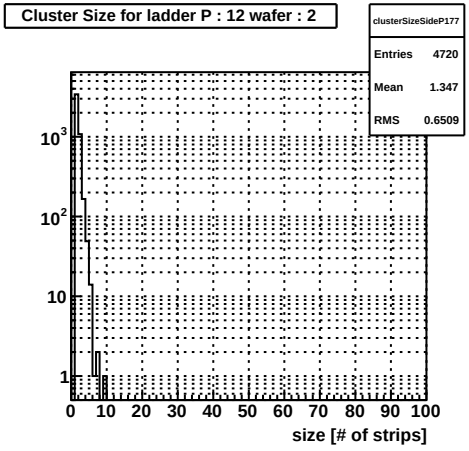

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3964
Mean 1.355
RMS 0.6942
size [# of strips]

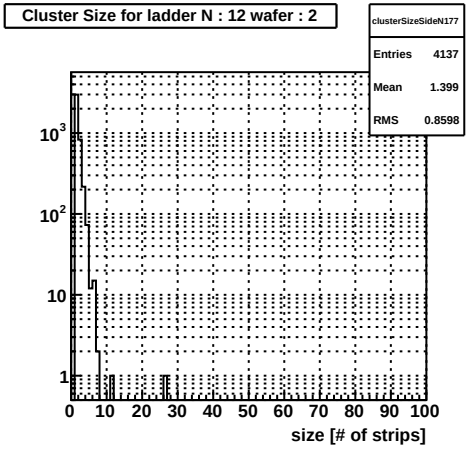

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5144
Mean 1.277
RMS 0.6842
size [# of strips]

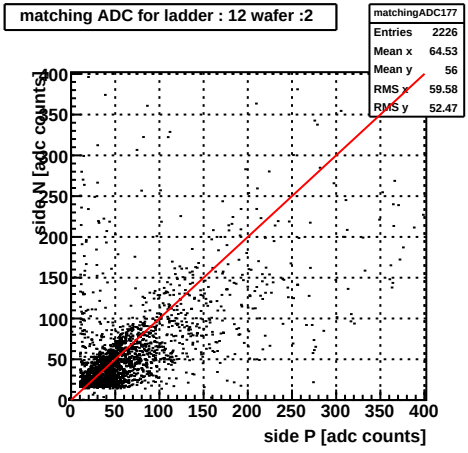

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1723
Mean x 75.2
Mean y 58.41
RMS x 61.75
RMS y 49.27
side N [adc counts]
side P [adc counts]

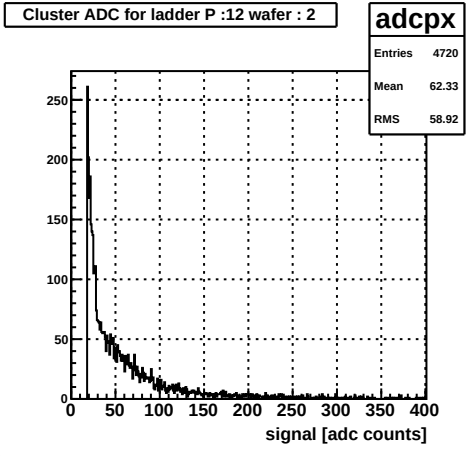

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3964
Mean 65.99
RMS 61.85
signal [adc counts]

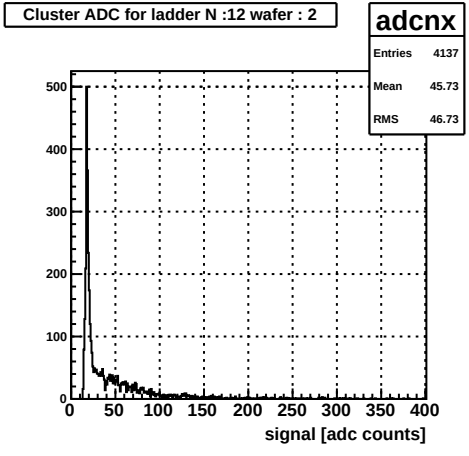

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5144
Mean 41.01
RMS 41.38
signal [adc counts]

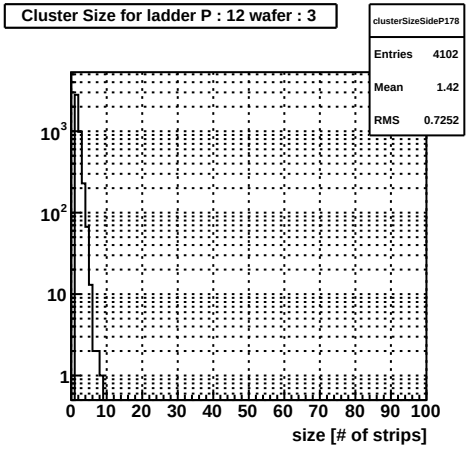

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4720
Mean 1.347
RMS 0.6509
size [# of strips]

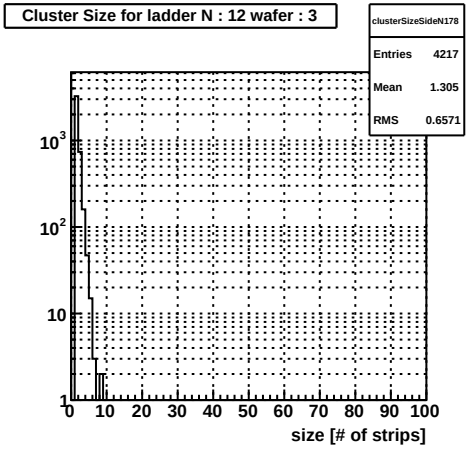

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4137
Mean 1.399
RMS 0.8598
size [# of strips]

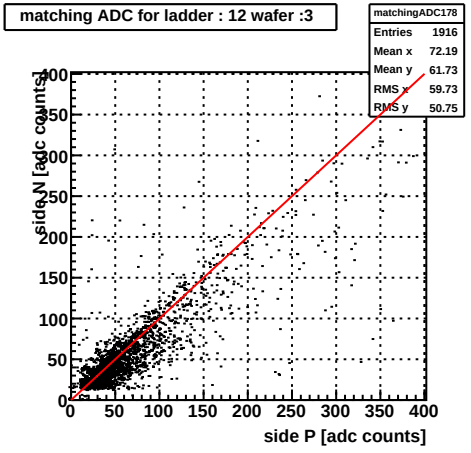

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2226
Mean x 64.53
Mean y 56
RMS x 59.58
RMS y 52.47
side N [adc counts]
side P [adc counts]

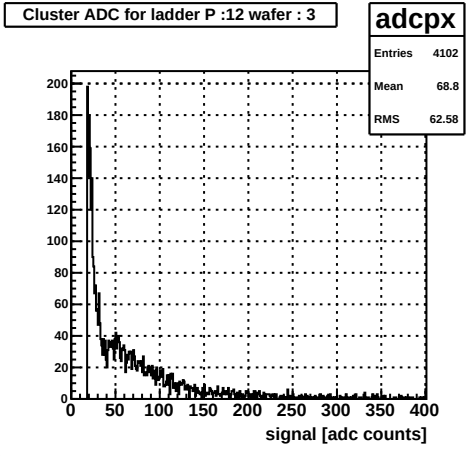

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4720
Mean 62.33
RMS 58.92
signal [adc counts]

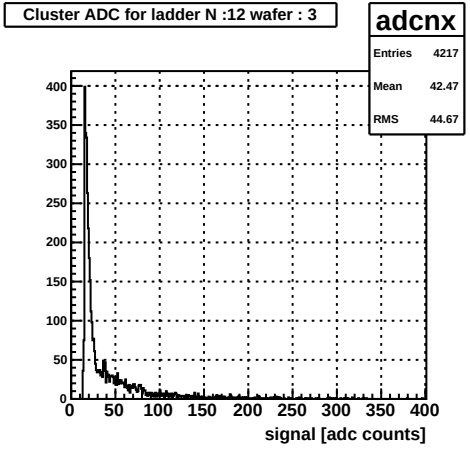

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4137
Mean 45.73
RMS 46.73
signal [adc counts]

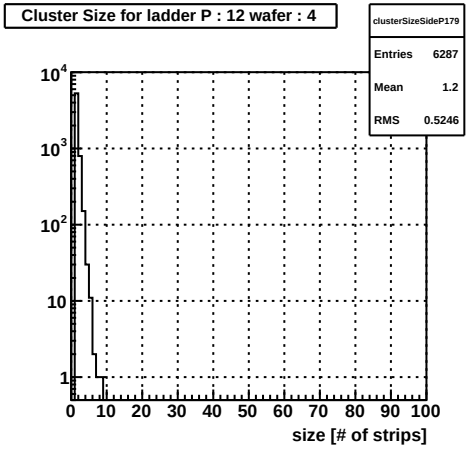

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 4102
Mean 1.42
RMS 0.7252
size [# of strips]

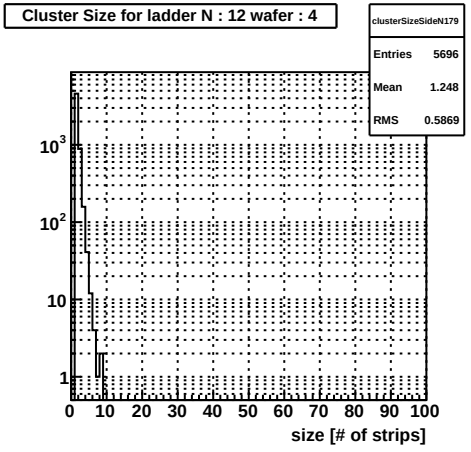

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4217
Mean 1.305
RMS 0.6571
size [# of strips]

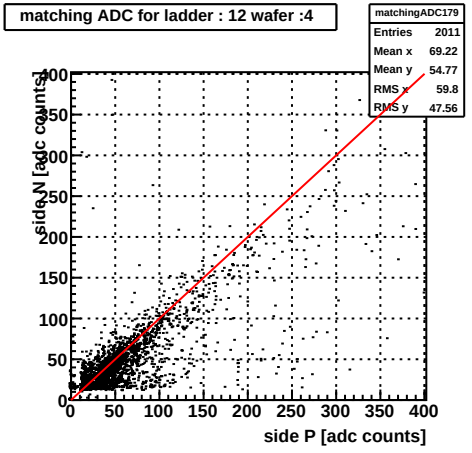

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1916
Mean x 72.19
Mean y 61.73
RMS x 59.73
RMS y 50.75
side N [adc counts]
side P [adc counts]

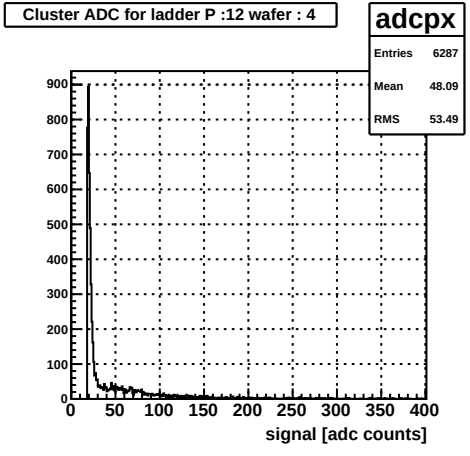

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 4102
Mean 68.8
RMS 62.58
signal [adc counts]

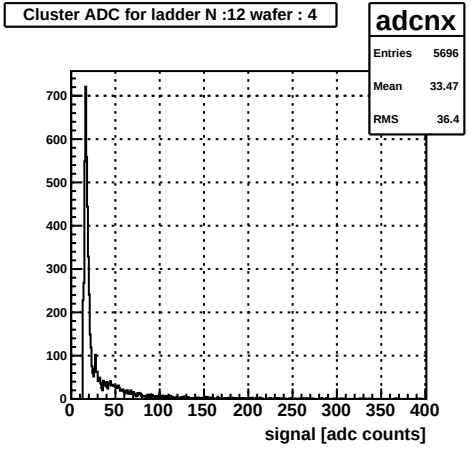

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4217
Mean 42.47
RMS 44.67
signal [adc counts]

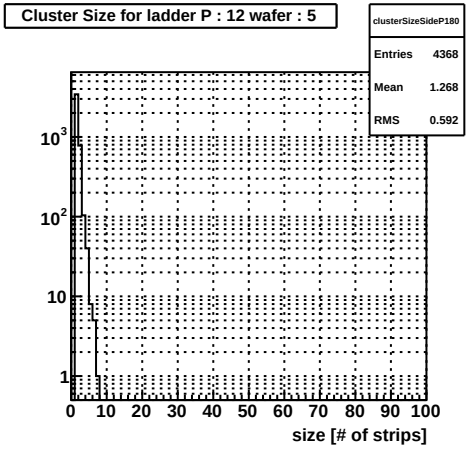

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6287
Mean 1.2
RMS 0.5246
size [# of strips]

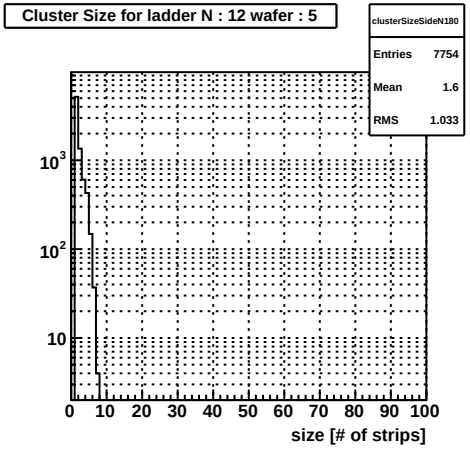

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5696
Mean 1.248
RMS 0.5869
size [# of strips]

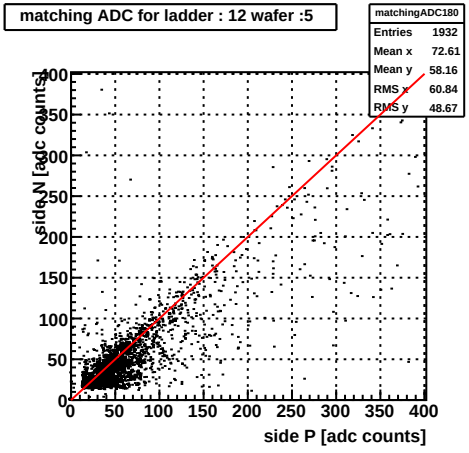

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2011
Mean x 69.22
Mean y 54.77
RMS x 59.8
RMS y 47.56
side N [adc counts]
side P [adc counts]

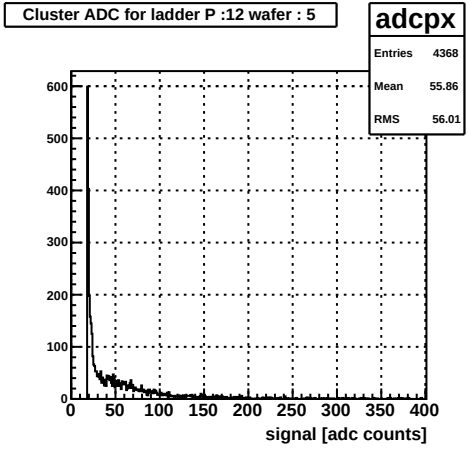

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6287
Mean 48.09
RMS 53.49
signal [adc counts]

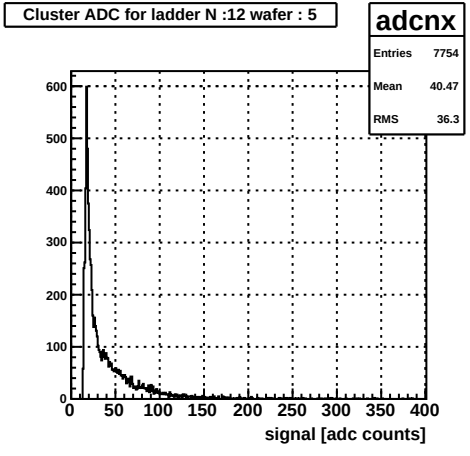

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5696
Mean 33.47
RMS 36.4
signal [adc counts]

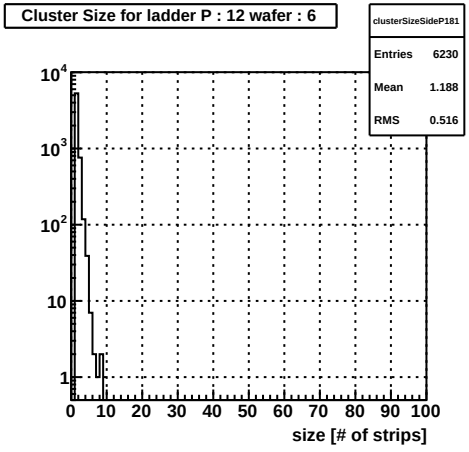

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4368
Mean 1.268
RMS 0.592
size [# of strips]

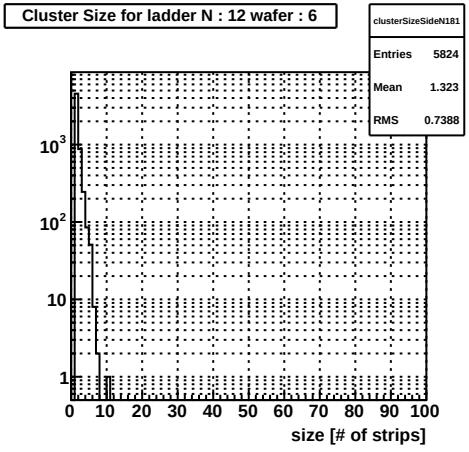

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7754
Mean 1.6
RMS 1.033
size [# of strips]

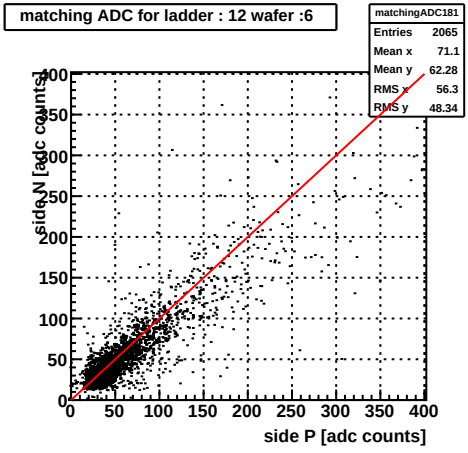

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1932
Mean x 72.61
Mean y 58.16
RMS x 60.84
RMS y 48.67
side N [adc counts]
side P [adc counts]

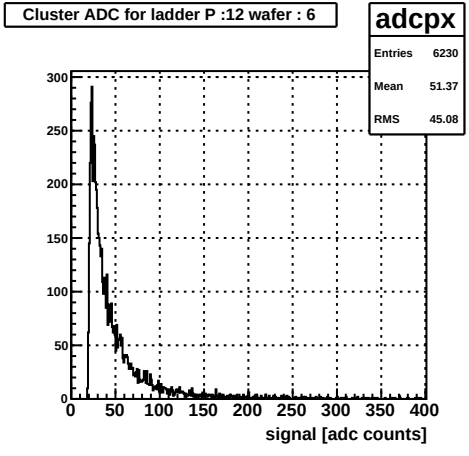

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4368
Mean 55.86
RMS 56.01
signal [adc counts]

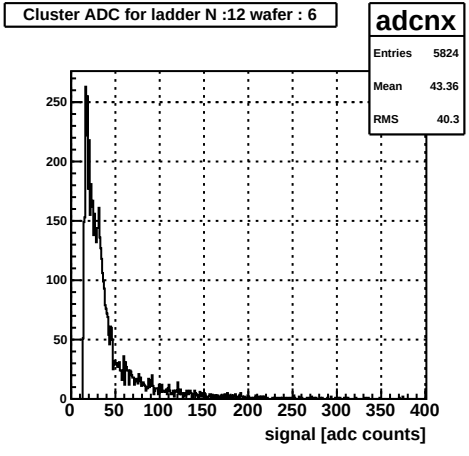

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7754
Mean 40.47
RMS 36.3
signal [adc counts]

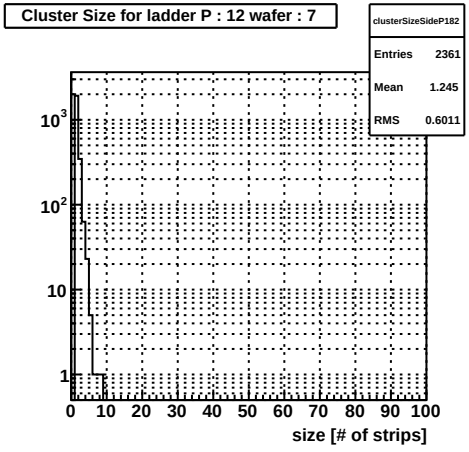

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 6230
Mean 1.188
RMS 0.516
size [# of strips]

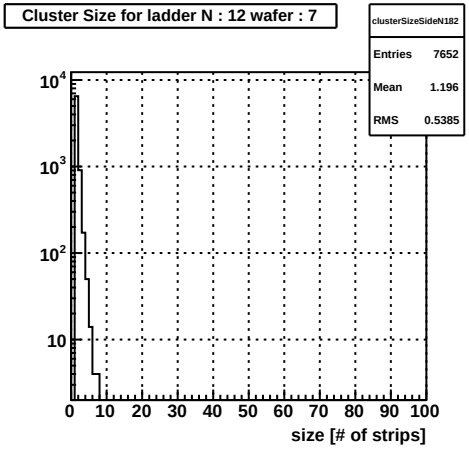

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5824
Mean 1.323
RMS 0.7388
size [# of strips]

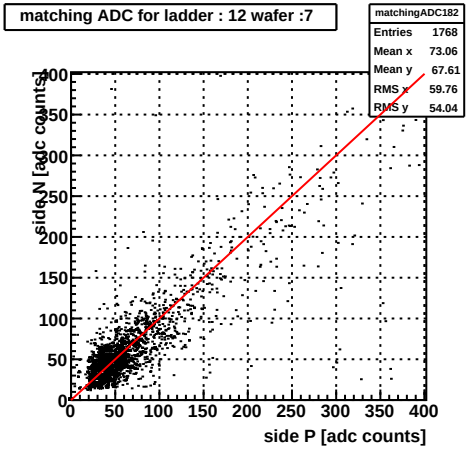

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 2065
Mean x 71.1
Mean y 62.28
RMS x 56.3
RMS y 48.34
side N [adc counts]
side P [adc counts]

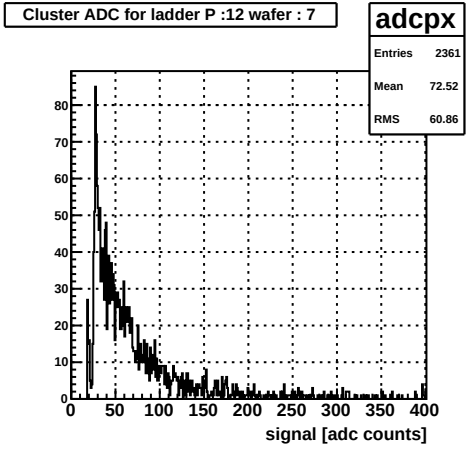

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 6230
Mean 51.37
RMS 45.08
signal [adc counts]

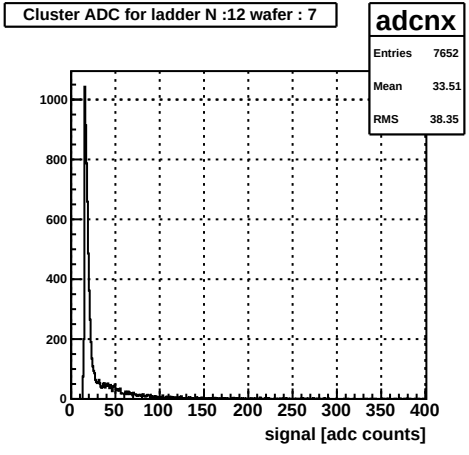

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5824
Mean 43.36
RMS 40.3
signal [adc counts]

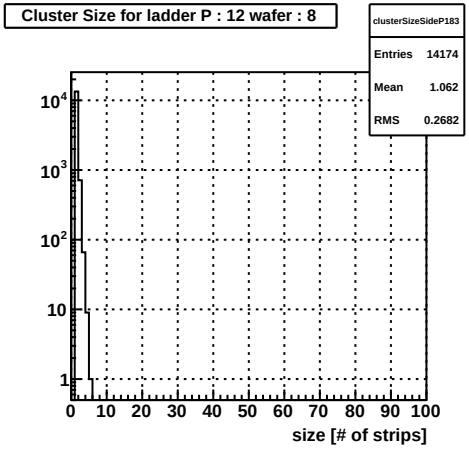

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2361
Mean 1.245
RMS 0.6011
size [# of strips]

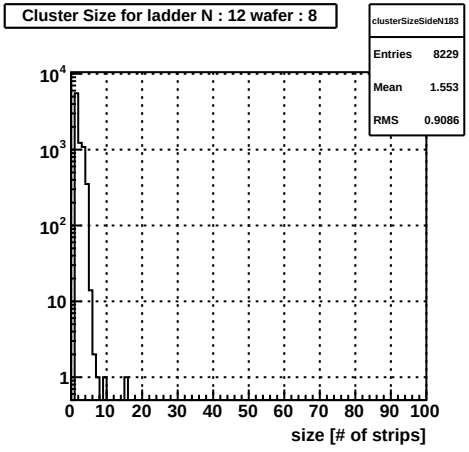

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 7652
Mean 1.196
RMS 0.5385
size [# of strips]

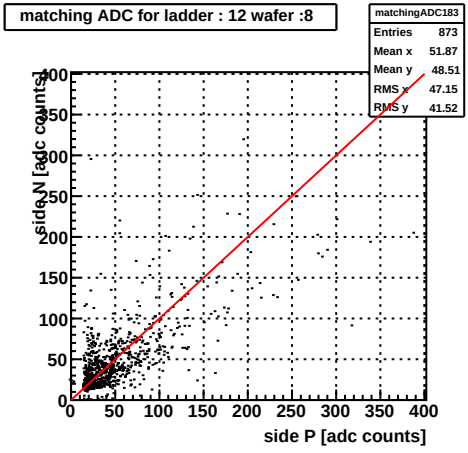

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1768
Mean x 73.06
Mean y 67.61
RMS x 59.76
RMS y 54.04
side N [adc counts]
side P [adc counts]

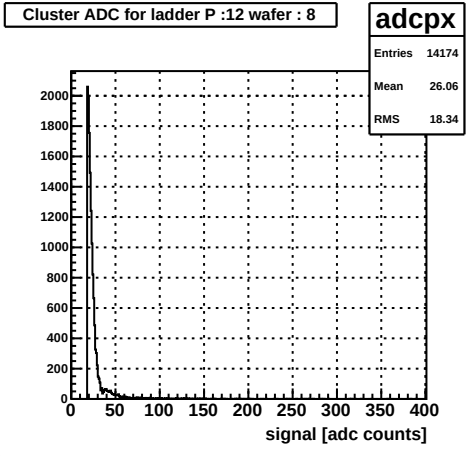

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2361
Mean 72.52
RMS 60.86
signal [adc counts]

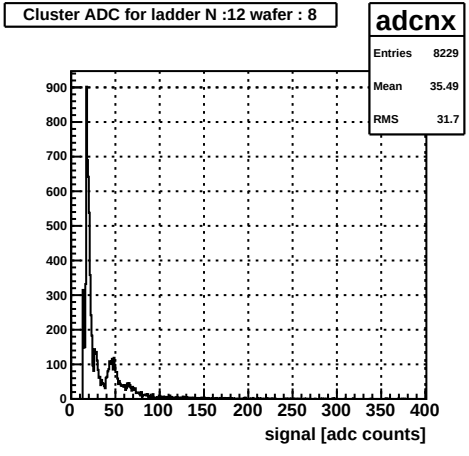

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 7652
Mean 33.51
RMS 38.35
signal [adc counts]

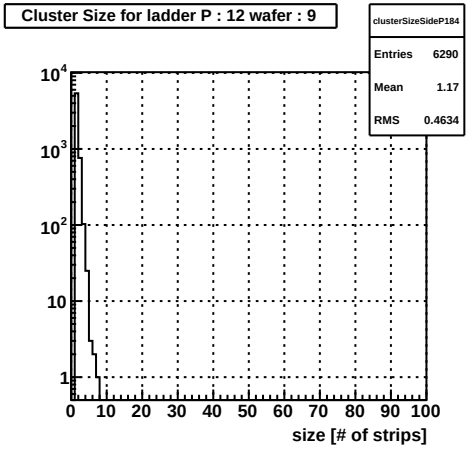

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 14174
Mean 1.062
RMS 0.2682
size [# of strips]

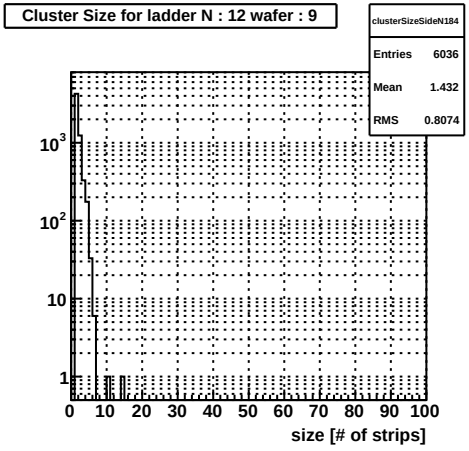

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 8229
Mean 1.553
RMS 0.9086
size [# of strips]

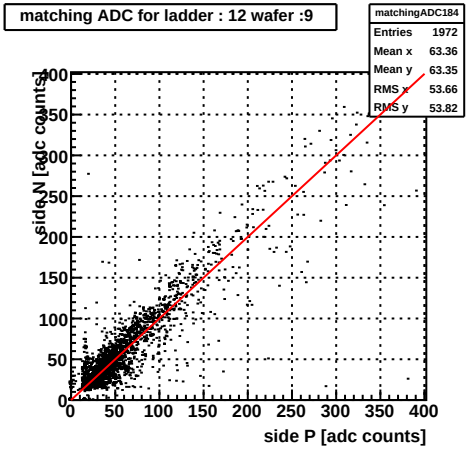

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 873
Mean x 51.87
Mean y 48.51
RMS x 47.15
RMS y 41.52
side N [adc counts]
side P [adc counts]

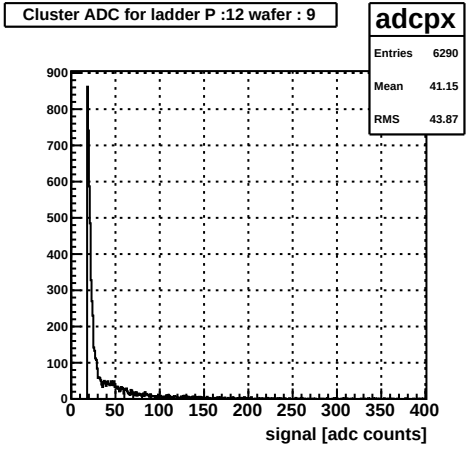

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 14174
Mean 26.06
RMS 18.34
signal [adc counts]

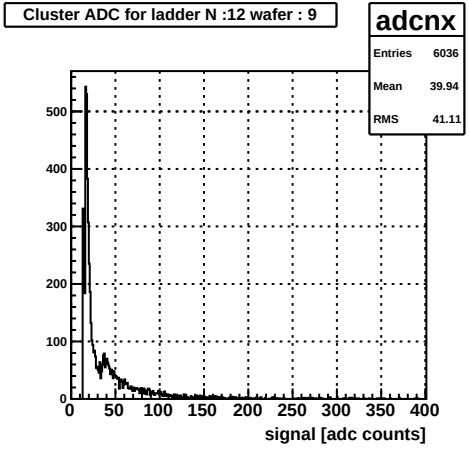

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 8229
Mean 35.49
RMS 31.7
signal [adc counts]

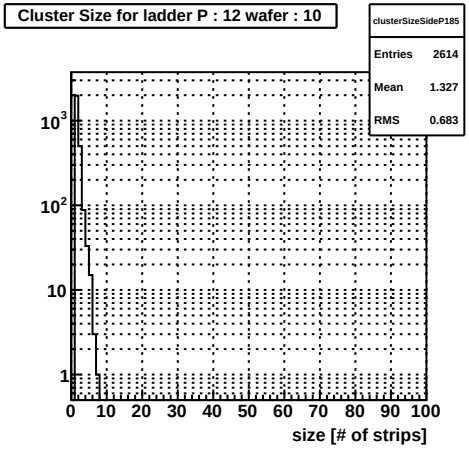

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6290
Mean 1.17
RMS 0.4634
size [# of strips]

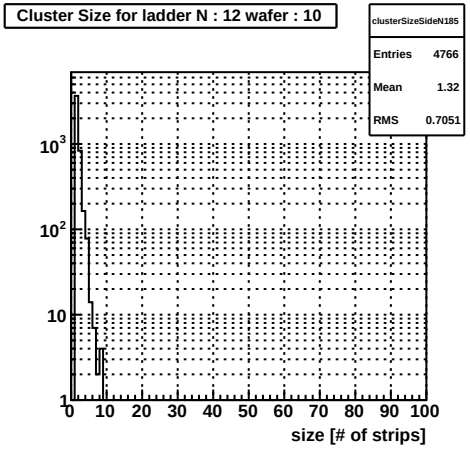

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6036
Mean 1.432
RMS 0.8074
size [# of strips]

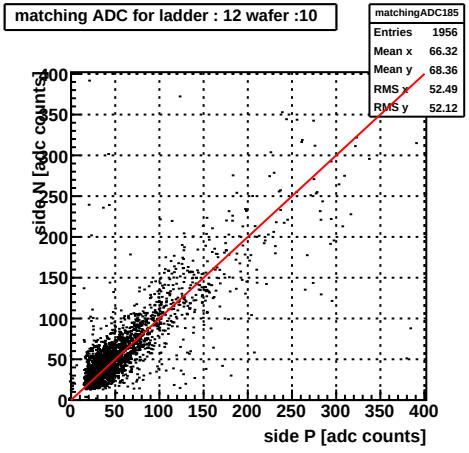

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1972
Mean x 63.36
Mean y 63.35
RMS x 53.66
RMS y 53.82
side N [adc counts]
side P [adc counts]

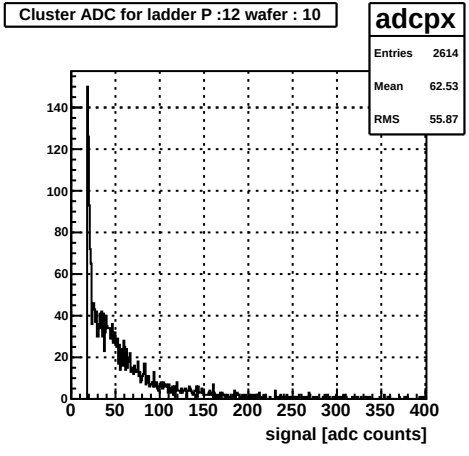

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6290
Mean 41.15
RMS 43.87
signal [adc counts]

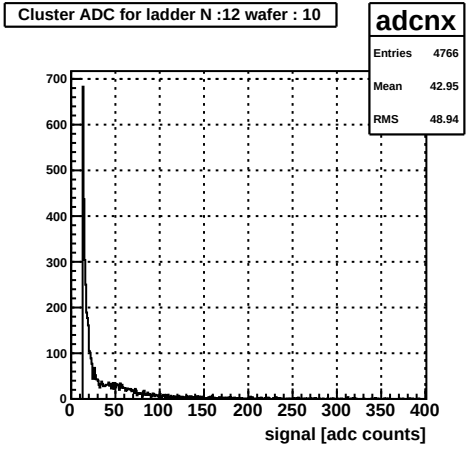

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6036
Mean 39.94
RMS 41.11
signal [adc counts]

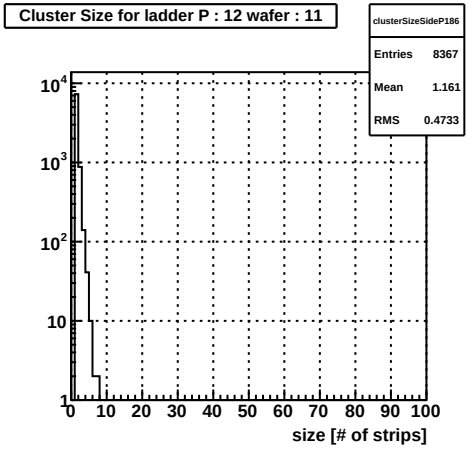

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2614
Mean 1.327
RMS 0.683
size [# of strips]

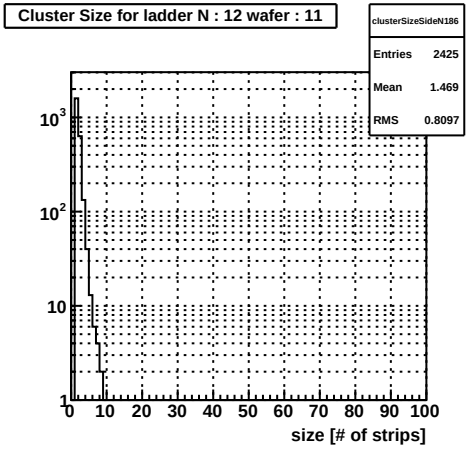

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4766
Mean 1.32
RMS 0.7051
size [# of strips]

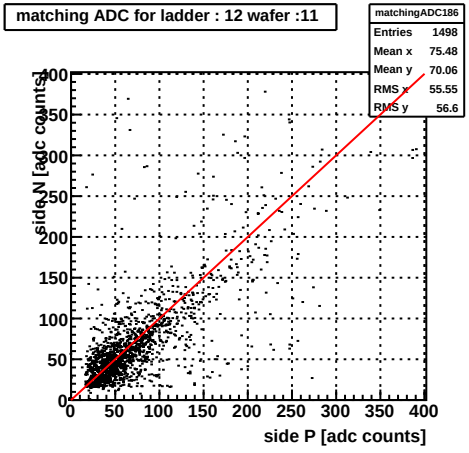

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1956
Mean x 66.32
Mean y 68.36
RMS x 52.49
RMS y 52.12
side N [adc counts]
side P [adc counts]

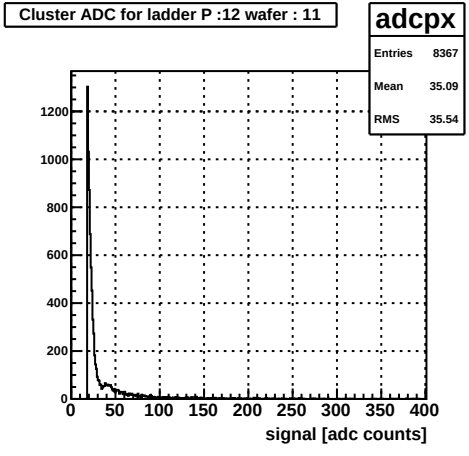

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2614
Mean 62.53
RMS 55.87
signal [adc counts]

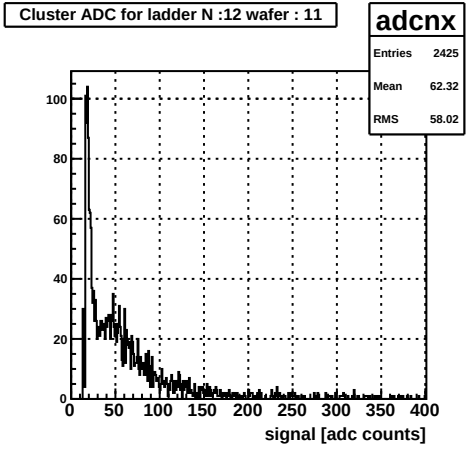

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4766
Mean 42.95
RMS 48.94
signal [adc counts]

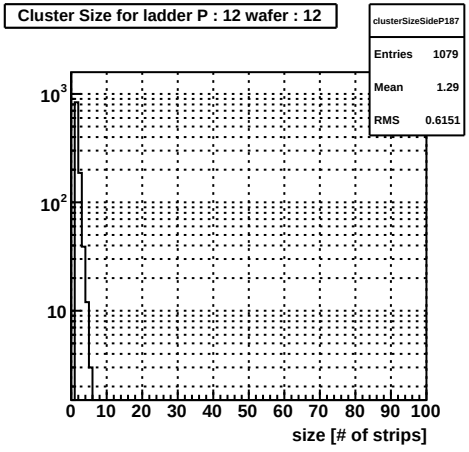

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8367
Mean 1.161
RMS 0.4733
size [# of strips]

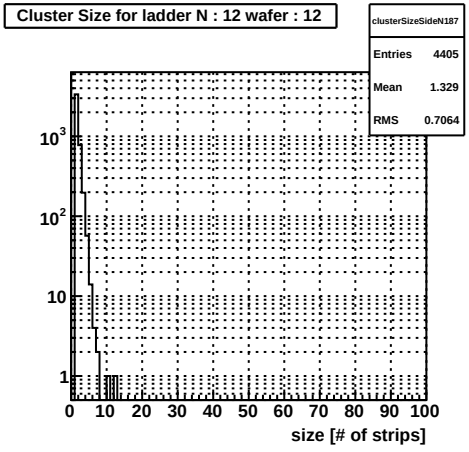

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2425
Mean 1.469
RMS 0.8097
size [# of strips]

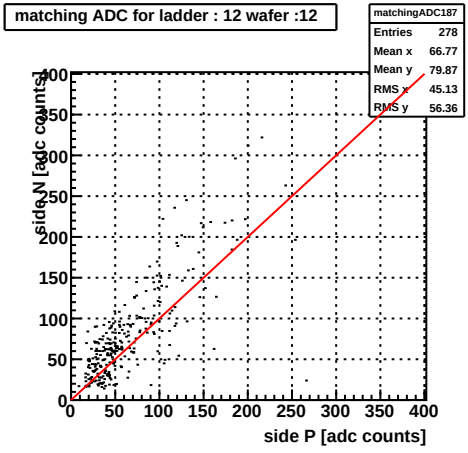

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1498
Mean x 75.48
Mean y 70.06
RMS x 55.55
RMS y 56.6
side N [adc counts]
side P [adc counts]

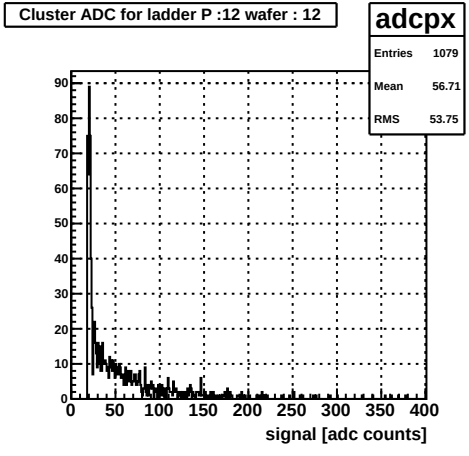

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8367
Mean 35.09
RMS 35.54
signal [adc counts]

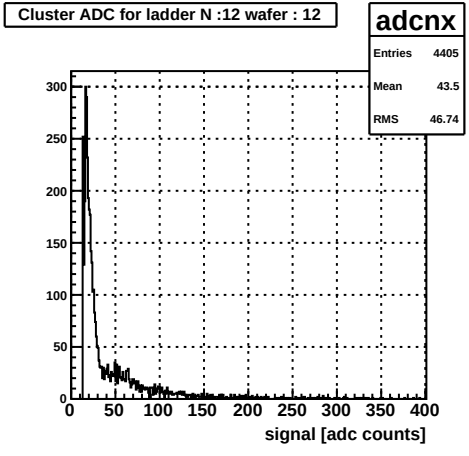

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2425
Mean 62.32
RMS 58.02
signal [adc counts]

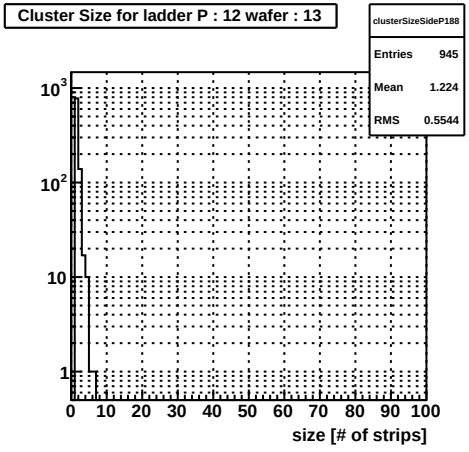

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1079
Mean 1.29
RMS 0.6151
size [# of strips]

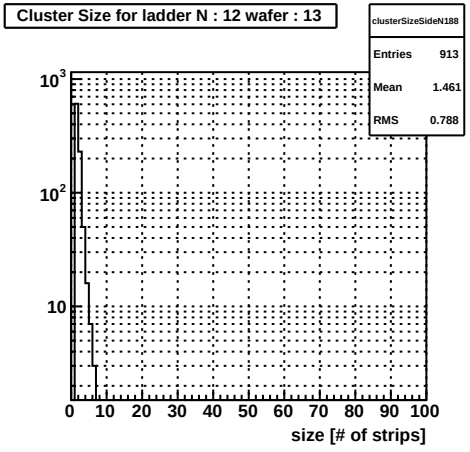

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4405
Mean 1.329
RMS 0.7064
size [# of strips]

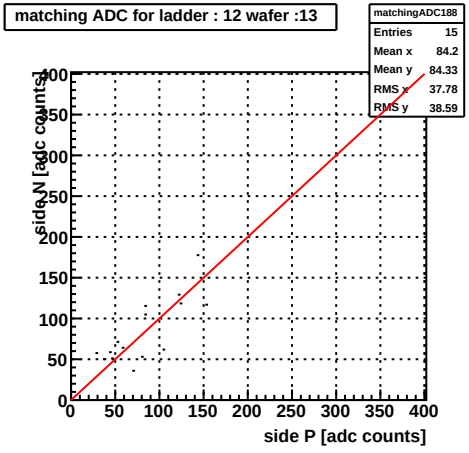

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 278
Mean x 66.77
Mean y 79.87
RMS x 45.13
RMS y 56.36
side N [adc counts]
side P [adc counts]

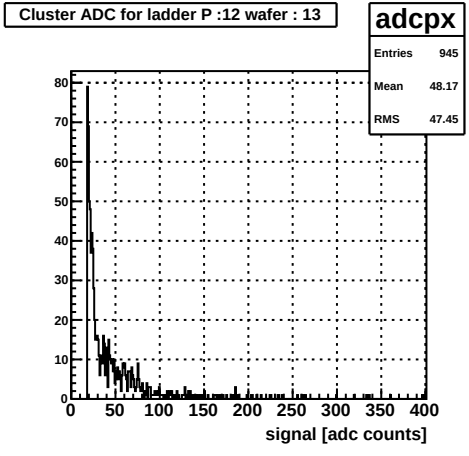

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1079
Mean 56.71
RMS 53.75
signal [adc counts]

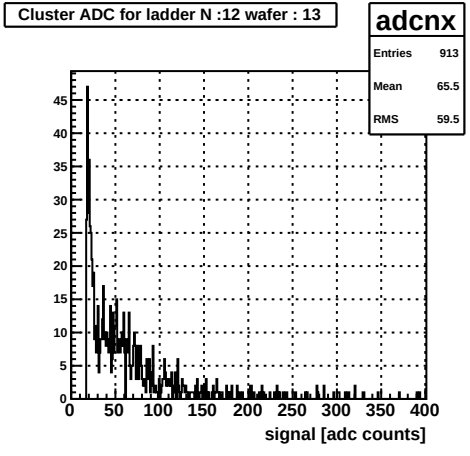

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4405
Mean 43.5
RMS 46.74
signal [adc counts]

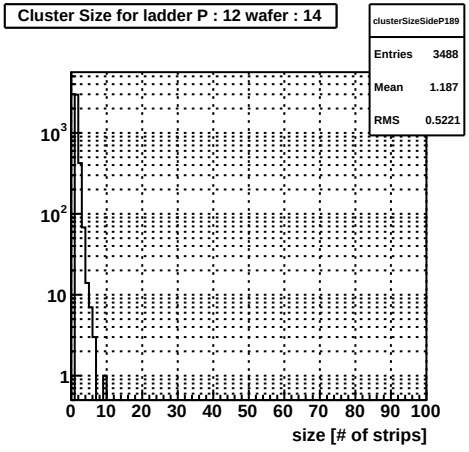

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 945
Mean 1.224
RMS 0.5544
size [# of strips]

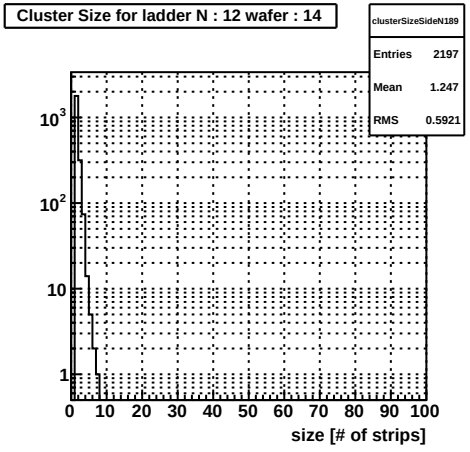

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 913
Mean 1.461
RMS 0.788
size [# of strips]

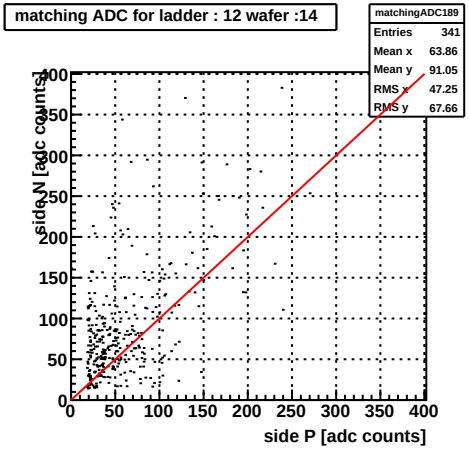

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 15
Mean x 84.2
Mean y 84.33
RMS x 37.78
RMS y 38.59
side N [adc counts]
side P [adc counts]

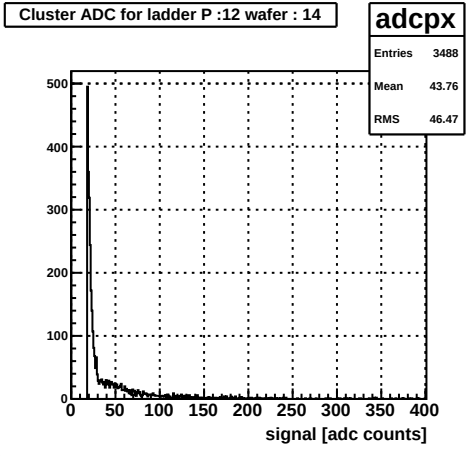

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 945
Mean 48.17
RMS 47.45
signal [adc counts]

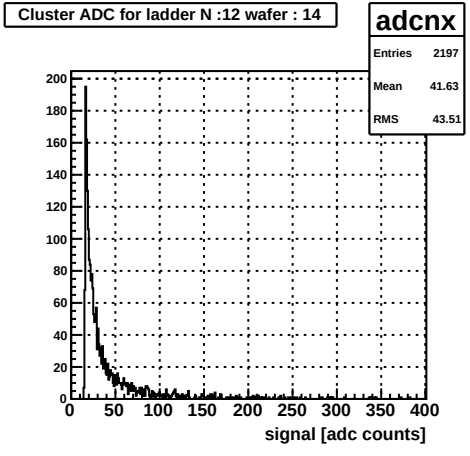

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 913
Mean 65.5
RMS 59.5
signal [adc counts]

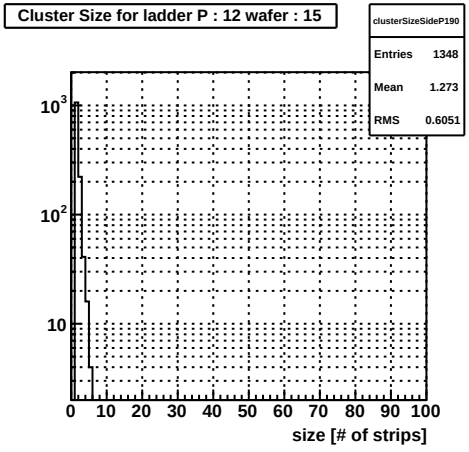

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3488
Mean 1.187
RMS 0.5221
size [# of strips]

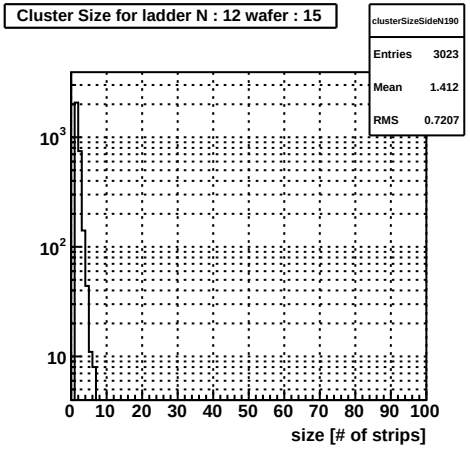

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2197
Mean 1.247
RMS 0.5921
size [# of strips]

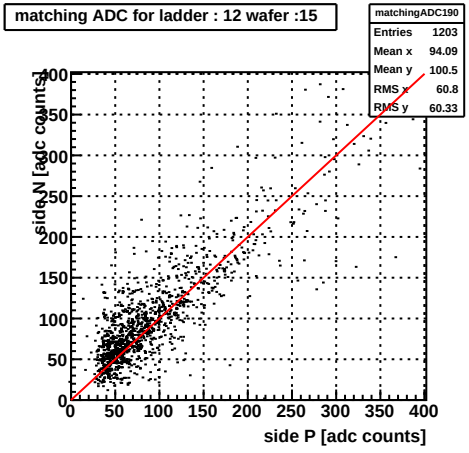

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 341
Mean x 63.86
Mean y 91.05
RMS x 47.25
RMS y 67.66
side N [adc counts]
side P [adc counts]

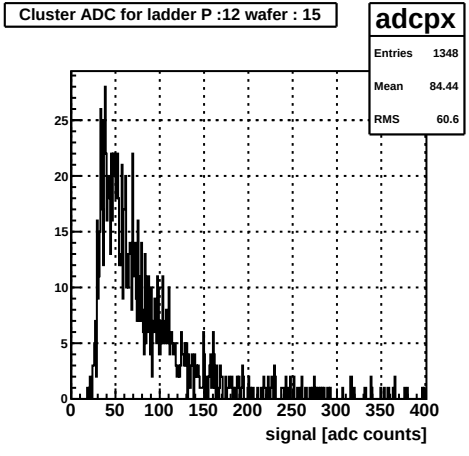

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3488
Mean 43.76
RMS 46.47
signal [adc counts]

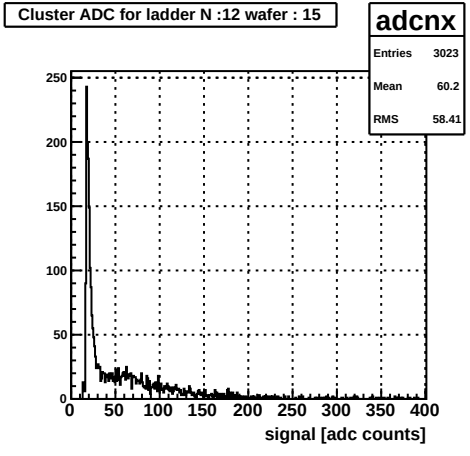

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2197
Mean 41.63
RMS 43.51
signal [adc counts]

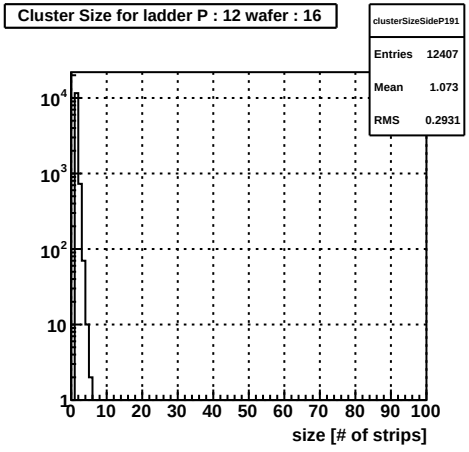

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1348
Mean 1.273
RMS 0.6051
size [# of strips]

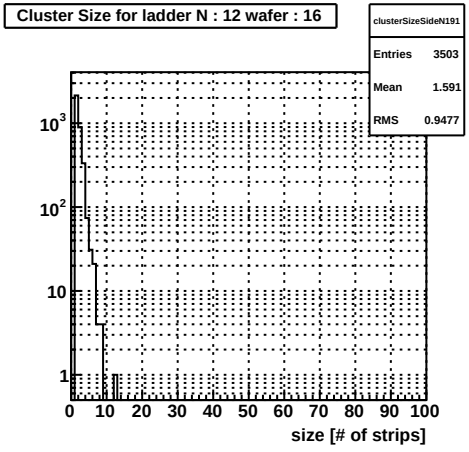

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3023
Mean 1.412
RMS 0.7207
size [# of strips]

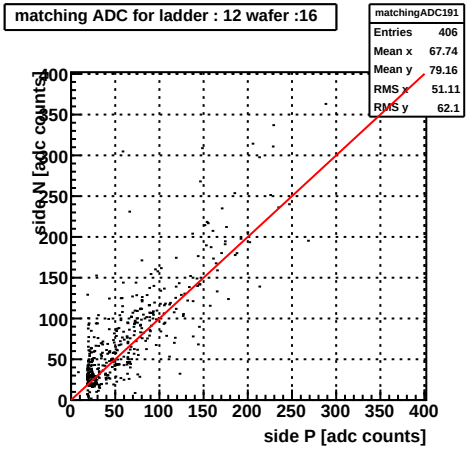

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1203
Mean x 94.09
Mean y 100.5
RMS x 60.8
RMS y 60.33
side N [adc counts]
side P [adc counts]

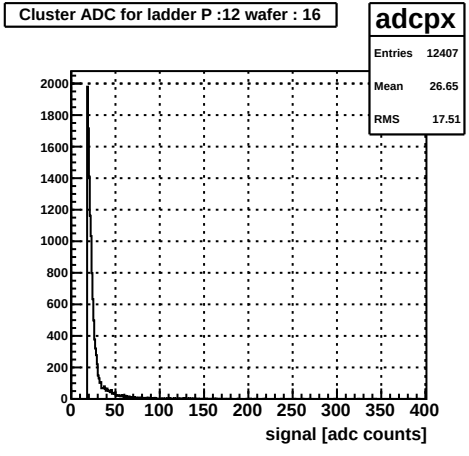

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1348
Mean 84.44
RMS 60.6
signal [adc counts]

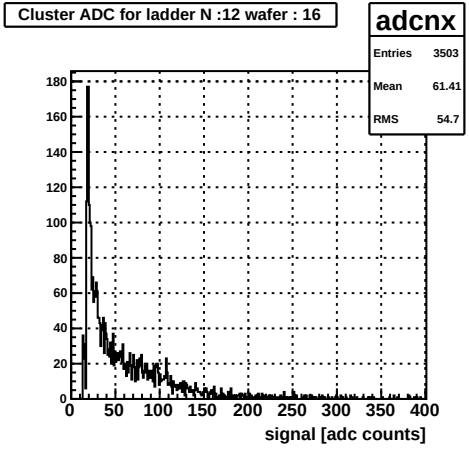

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3023
Mean 60.2
RMS 58.41
signal [adc counts]

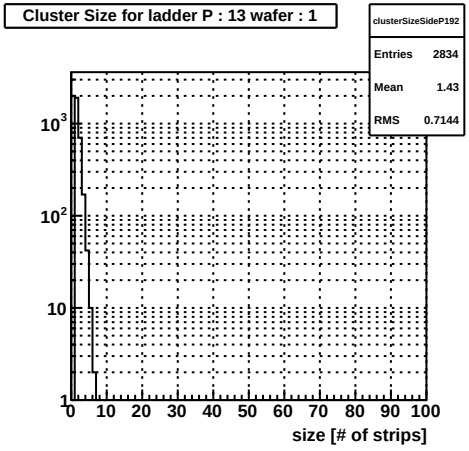

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 12407
Mean 1.073
RMS 0.2931
size [# of strips]

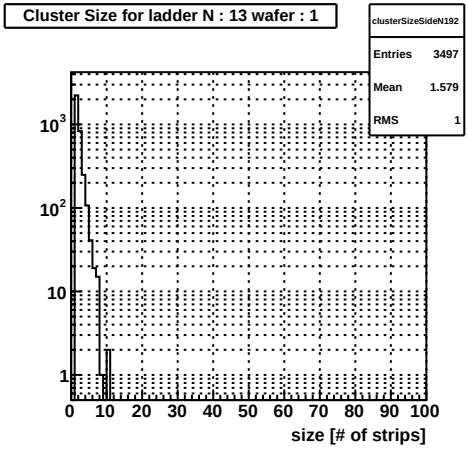

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3503
Mean 1.591
RMS 0.9477
size [# of strips]

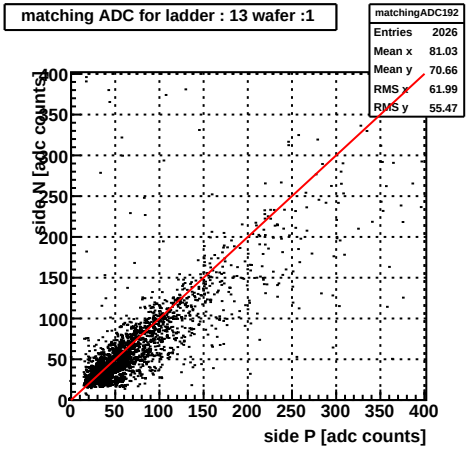

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 406
Mean x 67.74
Mean y 79.16
RMS x 51.11
RMS y 62.1
side N [adc counts]
side P [adc counts]

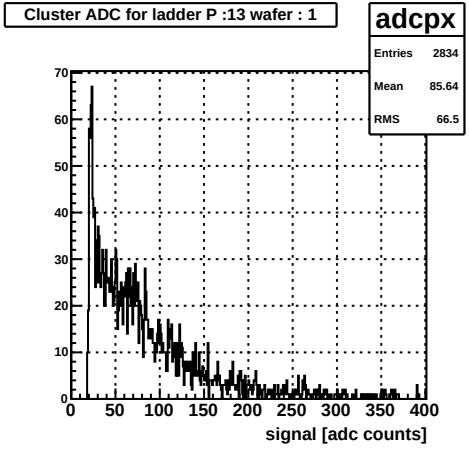

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 12407
Mean 26.65
RMS 17.51
signal [adc counts]

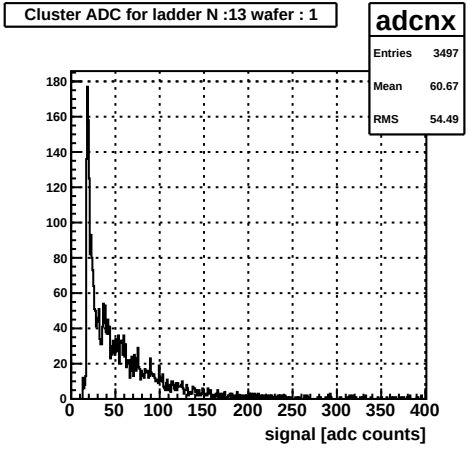

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3503
Mean 61.41
RMS 54.7
signal [adc counts]

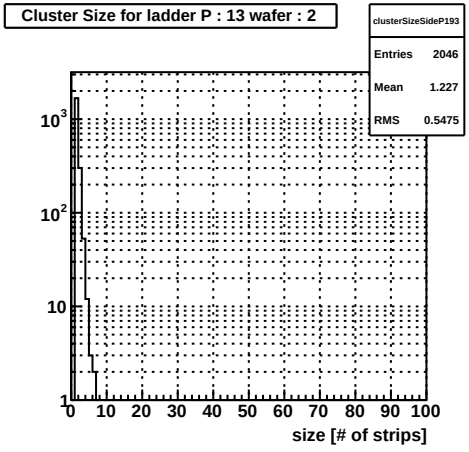

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2834
Mean 1.43
RMS 0.7144
size [# of strips]

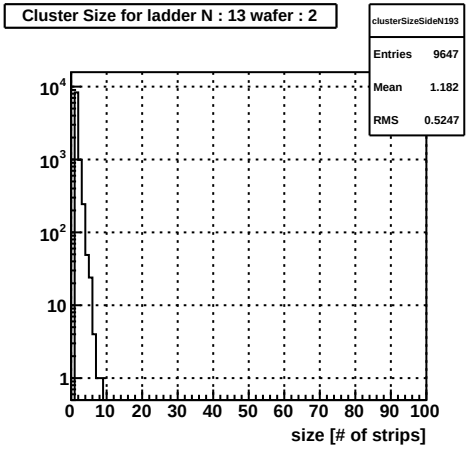

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3497
Mean 1.579
RMS 1
size [# of strips]

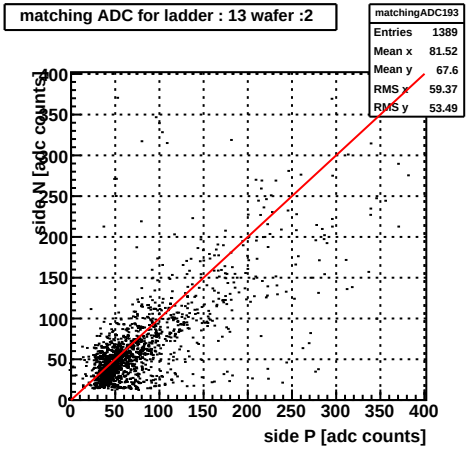

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2026
Mean x 81.03
Mean y 70.66
RMS x 61.99
RMS y 55.47
side N [adc counts]
side P [adc counts]

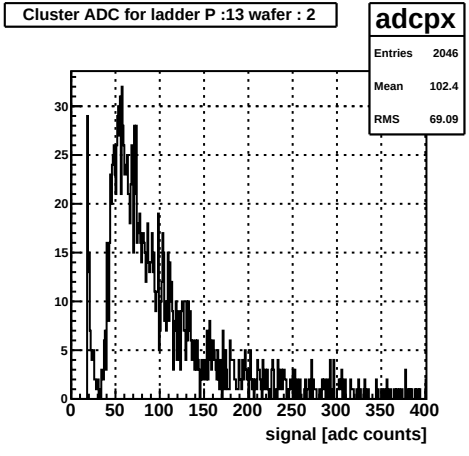

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2834
Mean 85.64
RMS 66.5
signal [adc counts]

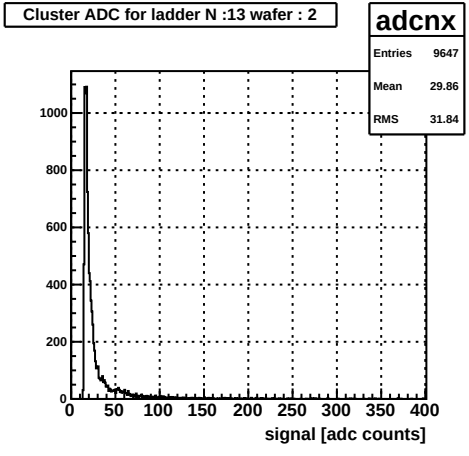

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3497
Mean 60.67
RMS 54.49
signal [adc counts]

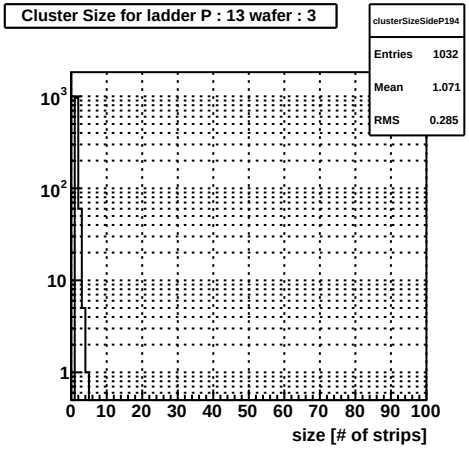

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2046
Mean 1.227
RMS 0.5475
size [# of strips]

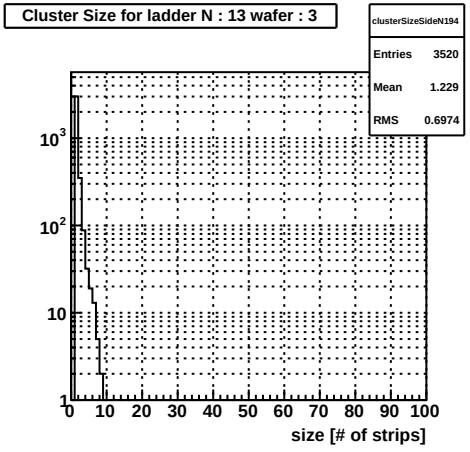

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9647
Mean 1.182
RMS 0.5247
size [# of strips]

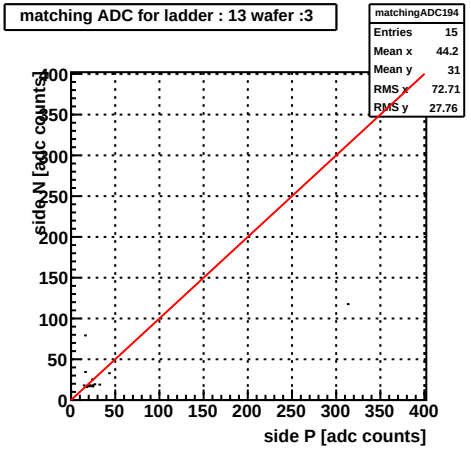

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1389
Mean x 81.52
Mean y 67.6
RMS x 59.37
RMS y 53.49
side N [adc counts]
side P [adc counts]

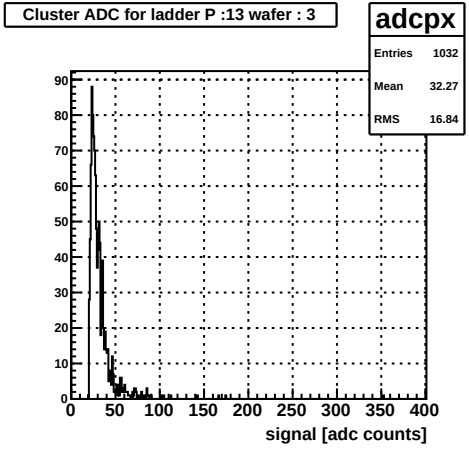

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2046
Mean 102.4
RMS 69.09
signal [adc counts]

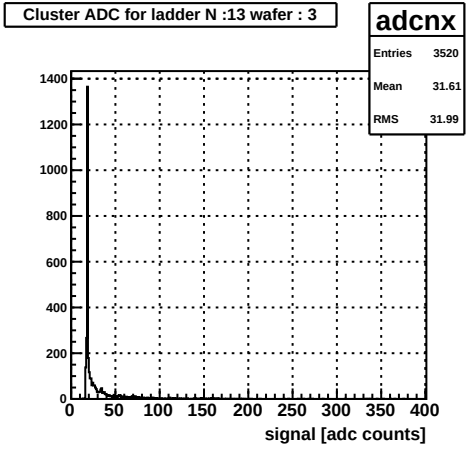

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9647
Mean 29.86
RMS 31.84
signal [adc counts]

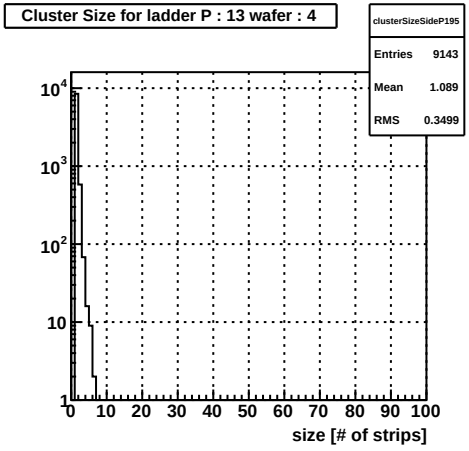

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1032
Mean 1.071
RMS 0.285
size [# of strips]

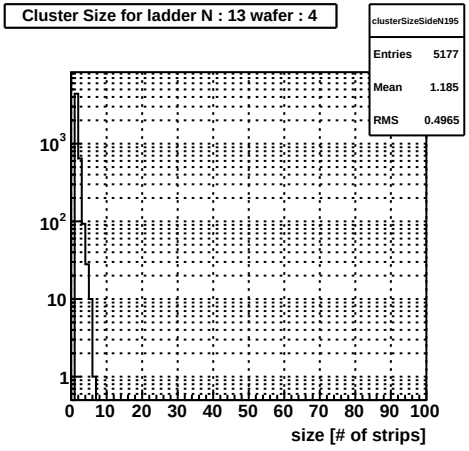

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3520
Mean 1.229
RMS 0.6974
size [# of strips]

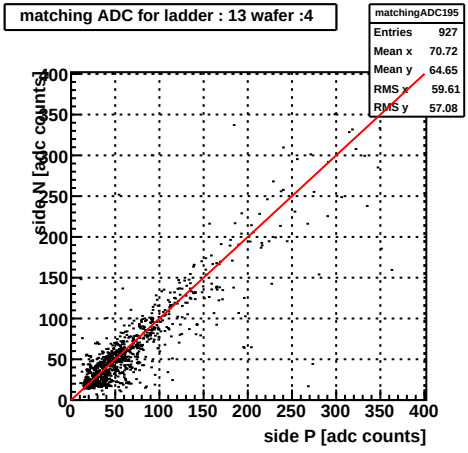

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 15
Mean x 44.2
Mean y 31
RMS x 72.71
RMS y 27.76
side N [adc counts]
side P [adc counts]

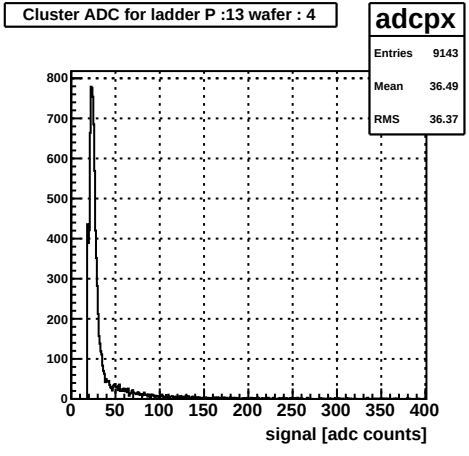

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1032
Mean 32.27
RMS 16.84
signal [adc counts]

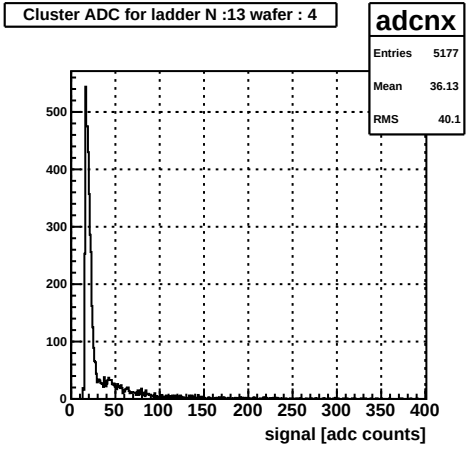

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3520
Mean 31.61
RMS 31.99
signal [adc counts]

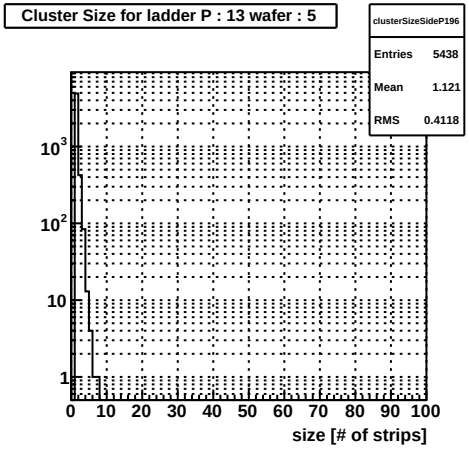

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9143
Mean 1.089
RMS 0.3499
size [# of strips]

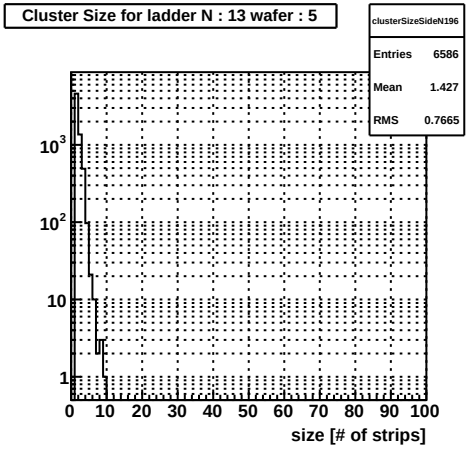

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5177
Mean 1.185
RMS 0.4965
size [# of strips]

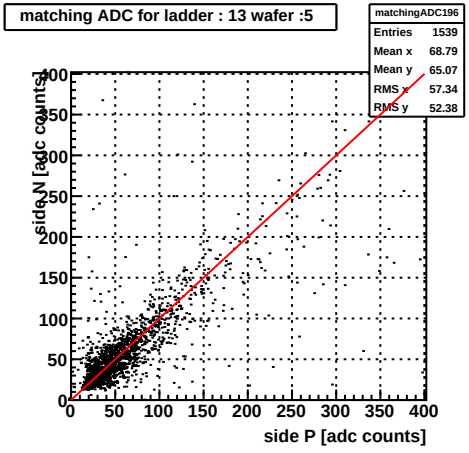

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 927
Mean x 70.72
Mean y 64.65
RMS x 59.61
RMS y 57.08
side N [adc counts]
side P [adc counts]

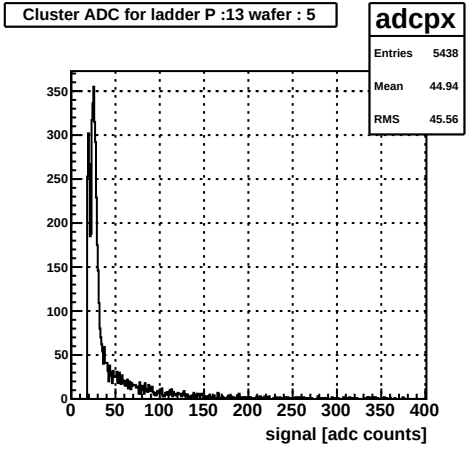

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9143
Mean 36.49
RMS 36.37
signal [adc counts]

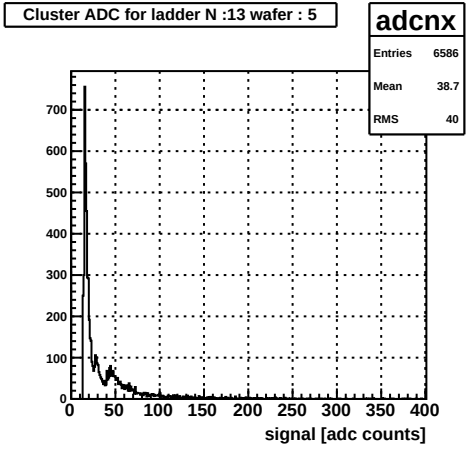

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5177
Mean 36.13
RMS 40.1
signal [adc counts]

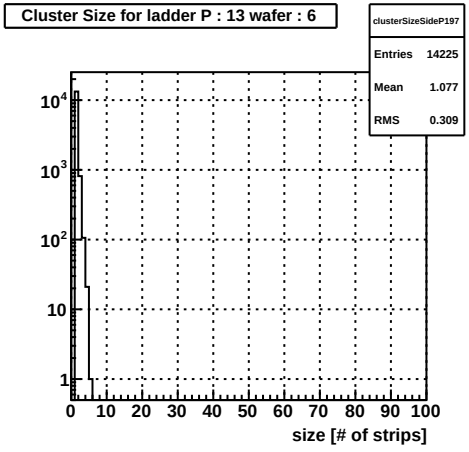

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5438
Mean 1.121
RMS 0.4118
size [# of strips]

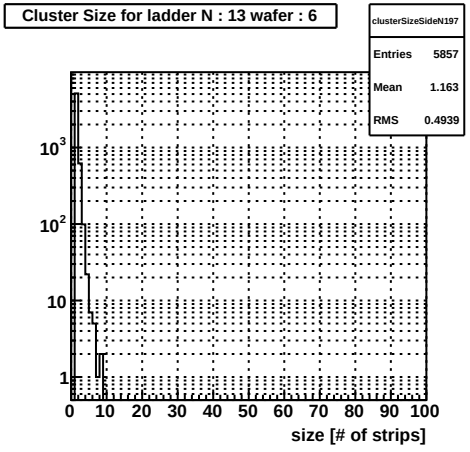

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6586
Mean 1.427
RMS 0.7665
size [# of strips]

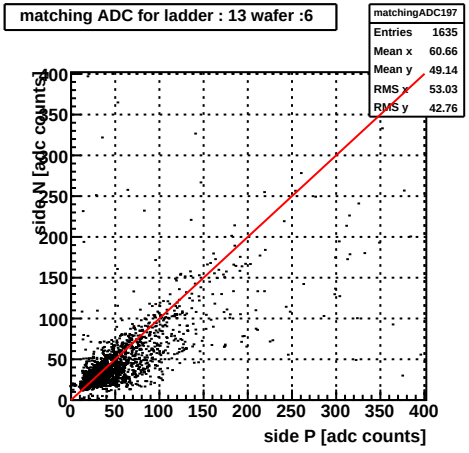

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1539
Mean x 68.79
Mean y 65.07
RMS x 57.34
RMS y 52.38
side N [adc counts]
side P [adc counts]

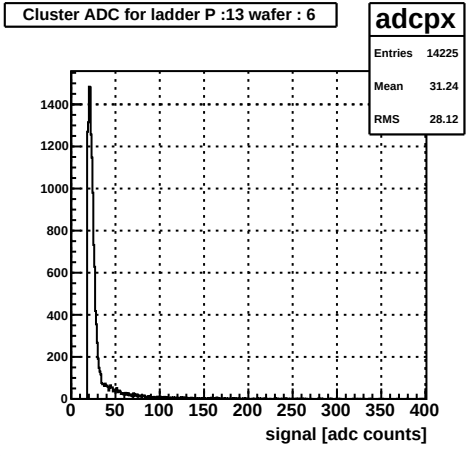

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5438
Mean 44.94
RMS 45.56
signal [adc counts]

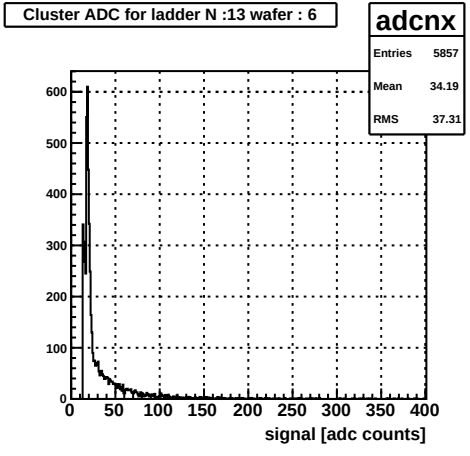

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6586
Mean 38.7
RMS 40
signal [adc counts]

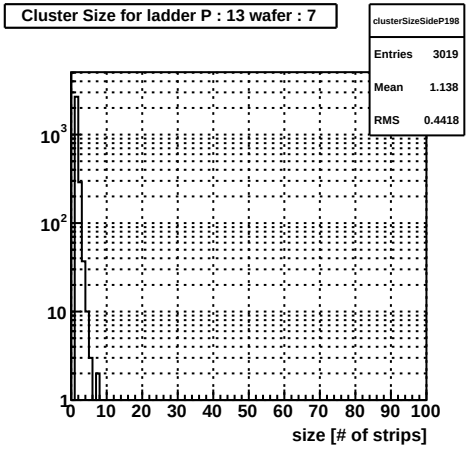

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14225
Mean 1.077
RMS 0.309
size [# of strips]

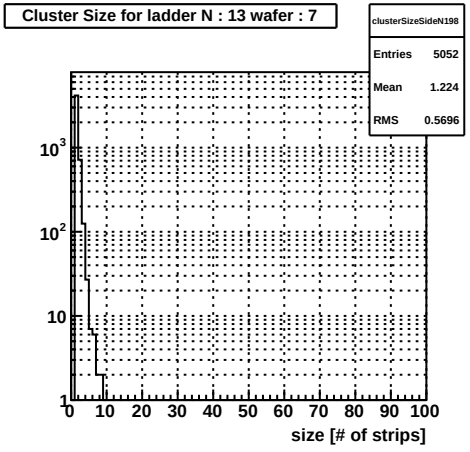

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5857
Mean 1.163
RMS 0.4939
size [# of strips]

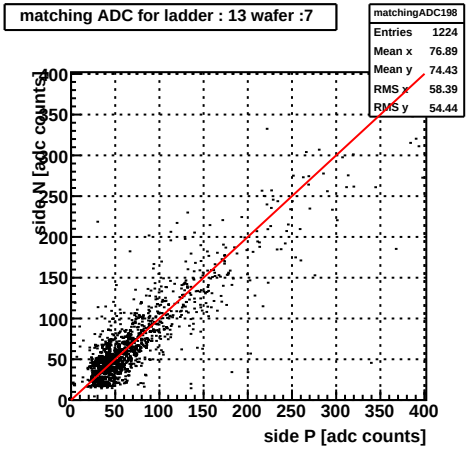

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1635
Mean x 60.66
Mean y 49.14
RMS x 53.03
RMS y 42.76
side N [adc counts]
side P [adc counts]

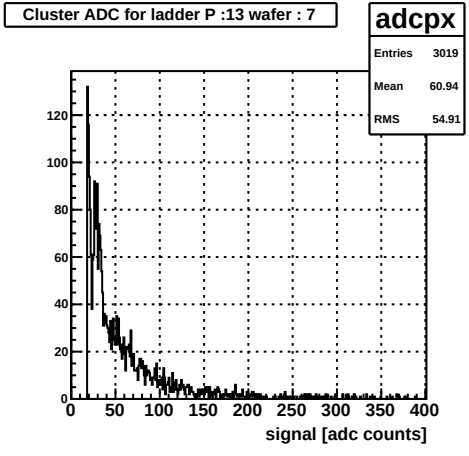

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14225
Mean 31.24
RMS 28.12
signal [adc counts]

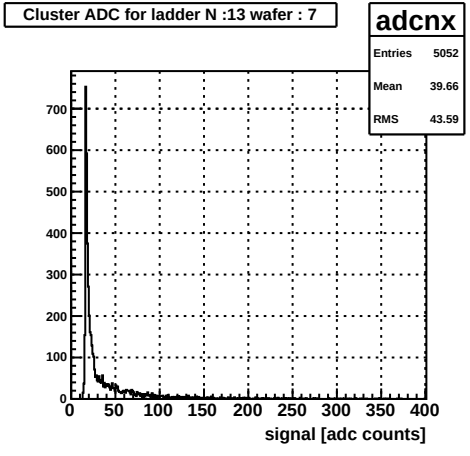

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5857
Mean 34.19
RMS 37.31
signal [adc counts]

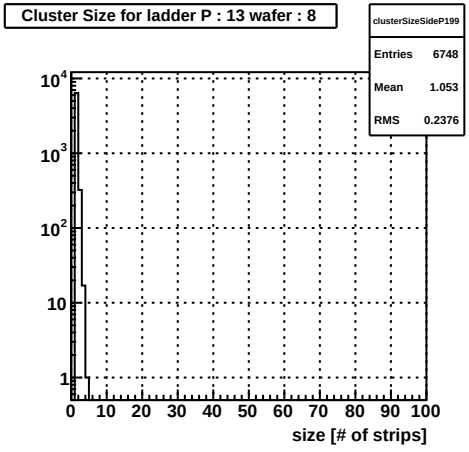

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 3019
Mean 1.138
RMS 0.4418
size [# of strips]

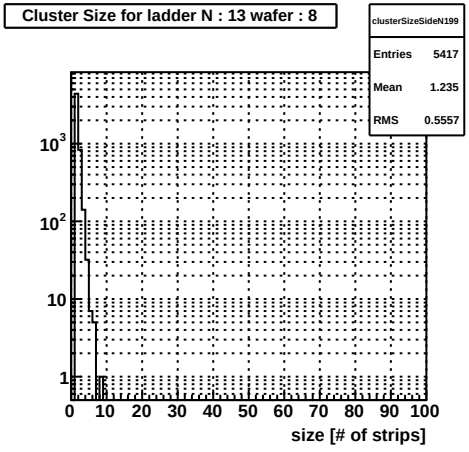

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5052
Mean 1.224
RMS 0.5696
size [# of strips]

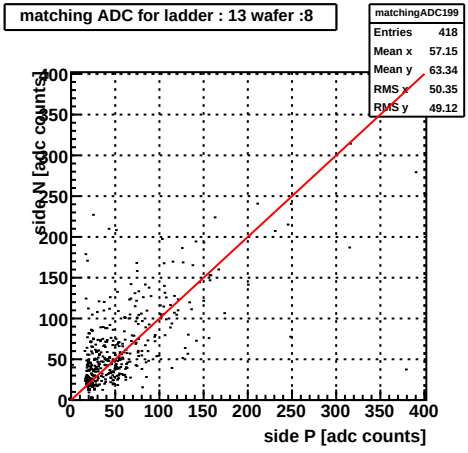

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1224
Mean x 76.89
Mean y 74.43
RMS x 58.39
RMS y 54.44
side N [adc counts]
side P [adc counts]

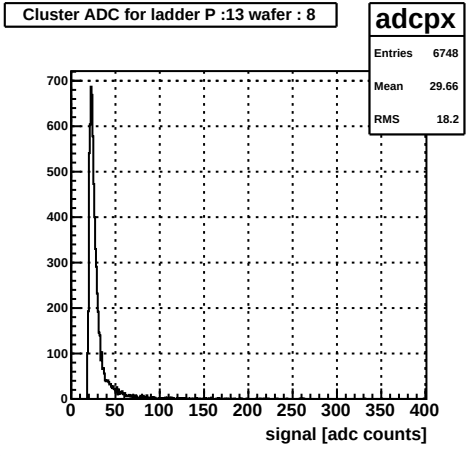

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 3019
Mean 60.94
RMS 54.91
signal [adc counts]

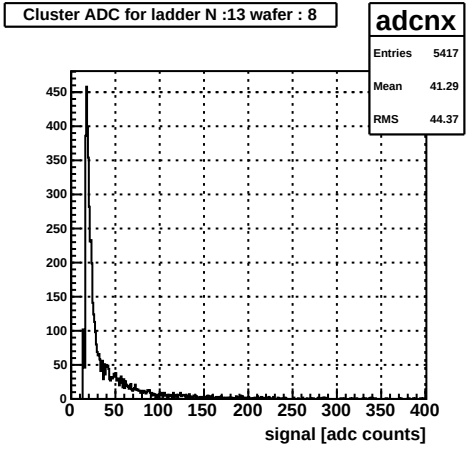

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5052
Mean 39.66
RMS 43.59
signal [adc counts]

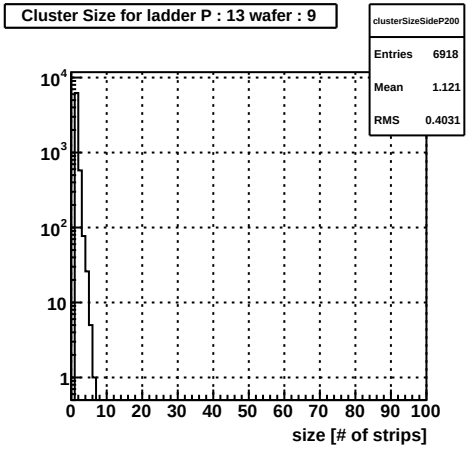

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6748
Mean 1.053
RMS 0.2376
size [# of strips]

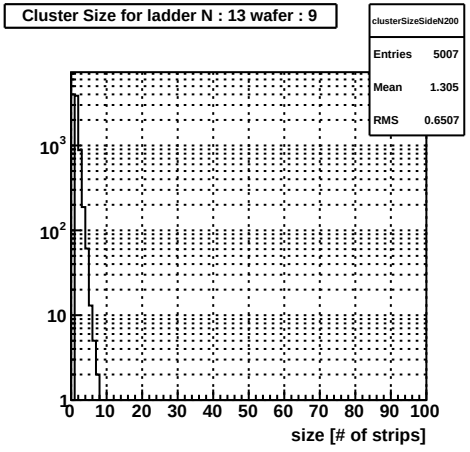

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5417
Mean 1.235
RMS 0.5557
size [# of strips]

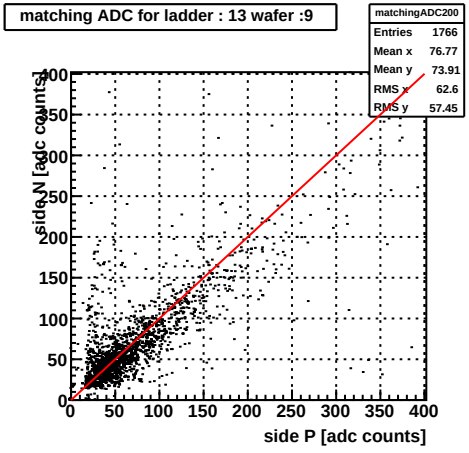

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 418
Mean x 57.15
Mean y 63.34
RMS x 50.35
RMS y 49.12
side N [adc counts]
side P [adc counts]

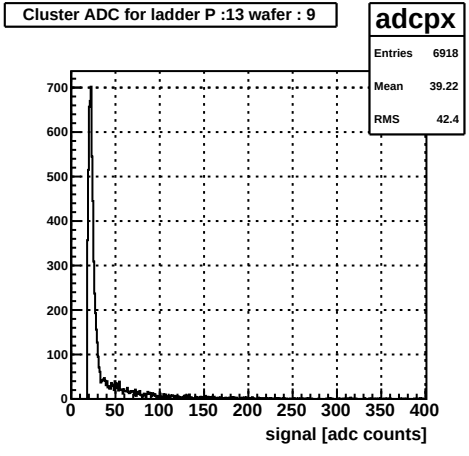

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6748
Mean 29.66
RMS 18.2
signal [adc counts]

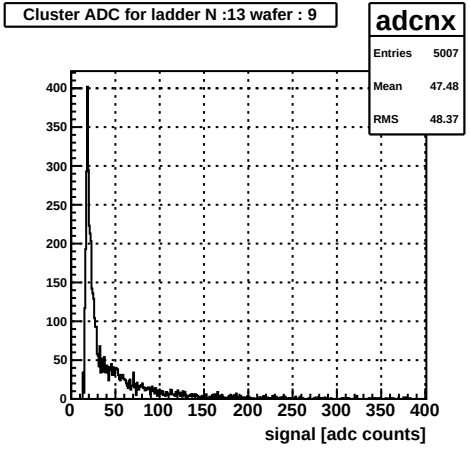

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5417
Mean 41.29
RMS 44.37
signal [adc counts]

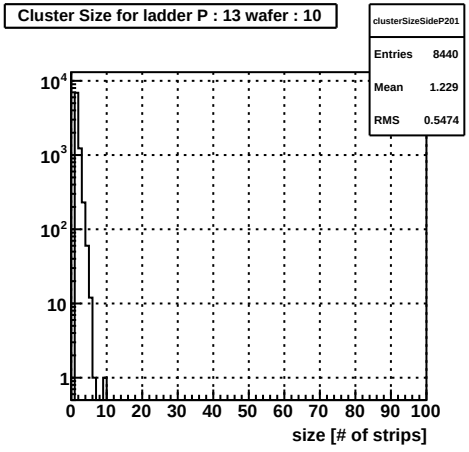

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6918
Mean 1.121
RMS 0.4031
size [# of strips]

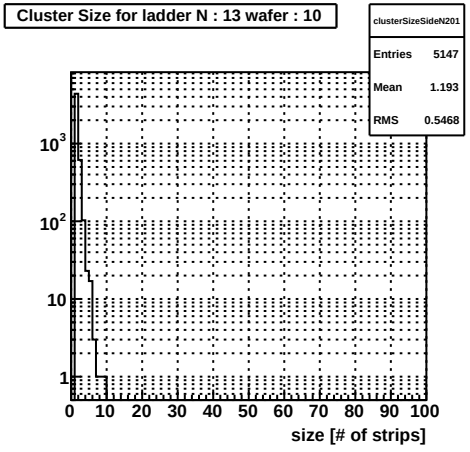

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 5007
Mean 1.305
RMS 0.6507
size [# of strips]

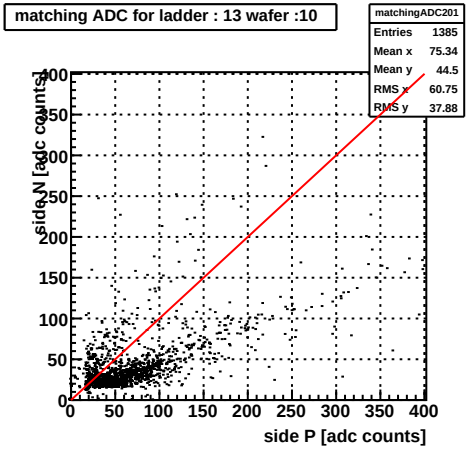

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1766
Mean x 76.77
Mean y 73.91
RMS x 62.6
RMS y 57.45
side N [adc counts]
side P [adc counts]

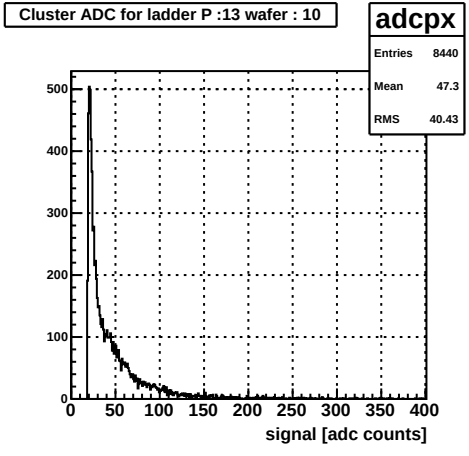

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6918
Mean 39.22
RMS 42.4
signal [adc counts]

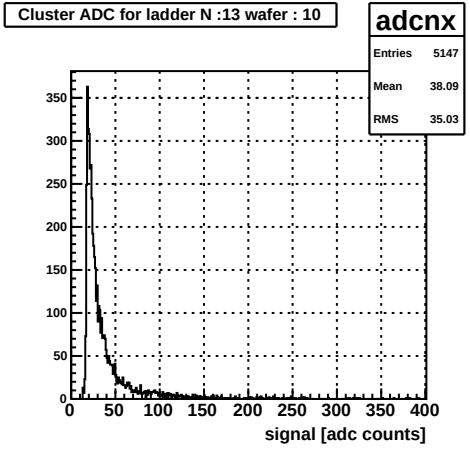

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 5007
Mean 47.48
RMS 48.37
signal [adc counts]

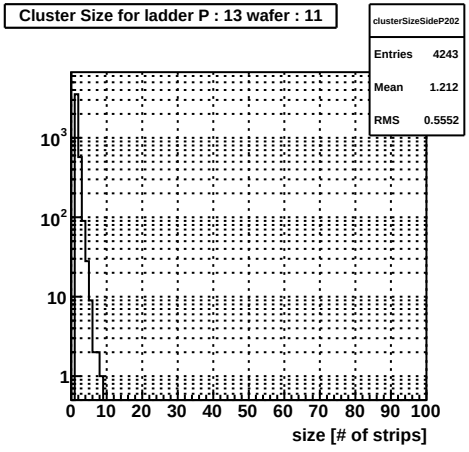

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8440
Mean 1.229
RMS 0.5474
size [# of strips]

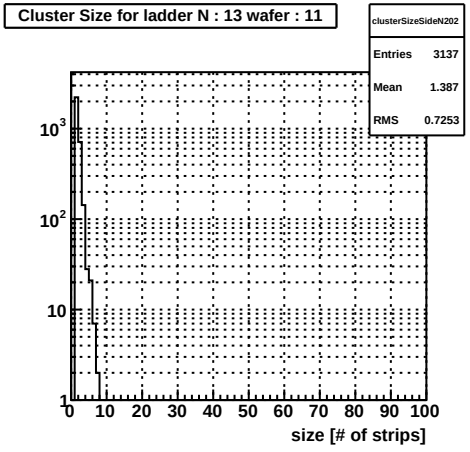

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 5147
Mean 1.193
RMS 0.5468
size [# of strips]

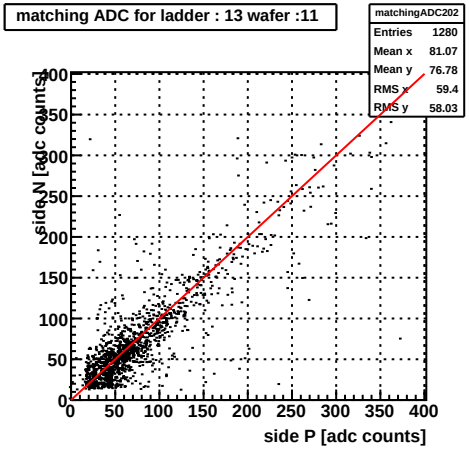

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1385
Mean x 75.34
Mean y 44.5
RMS x 60.75
RMS y 37.88
side N [adc counts]
side P [adc counts]

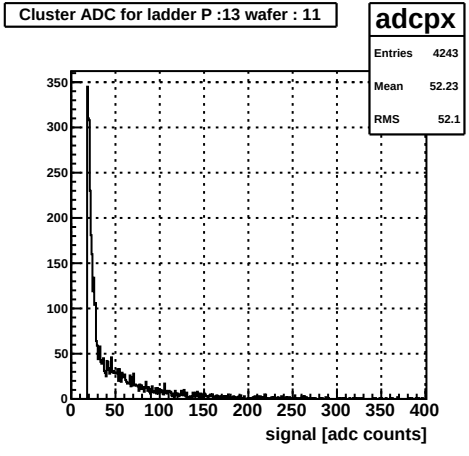

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8440
Mean 47.3
RMS 40.43
signal [adc counts]

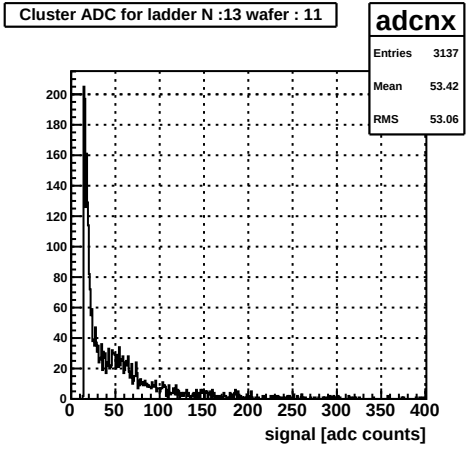

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 5147
Mean 38.09
RMS 35.03
signal [adc counts]

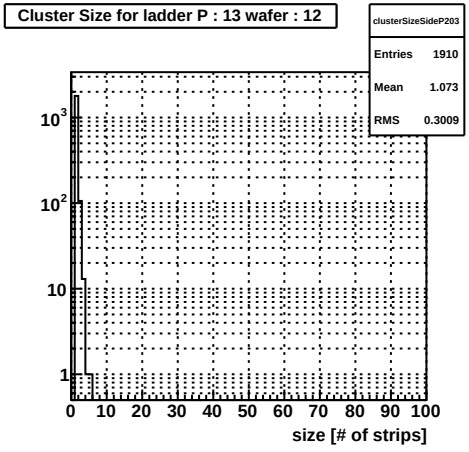

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4243
Mean 1.212
RMS 0.5552
size [# of strips]

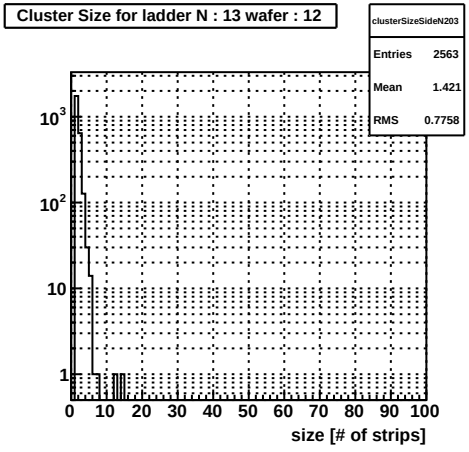

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3137
Mean 1.387
RMS 0.7253
size [# of strips]

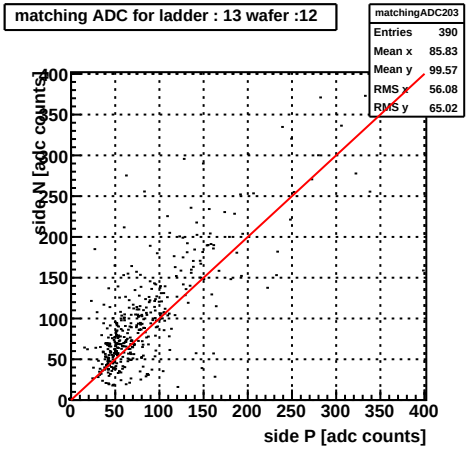

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1280
Mean x 81.07
Mean y 76.78
RMS x 59.4
RMS y 58.03
side N [adc counts]
side P [adc counts]

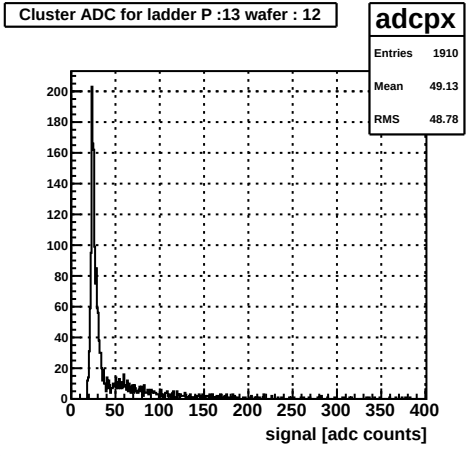

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4243
Mean 52.23
RMS 52.1
signal [adc counts]

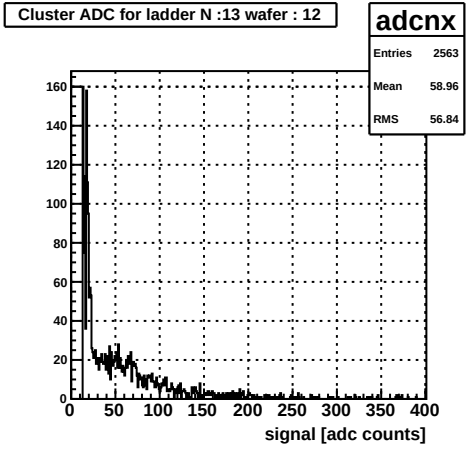

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3137
Mean 53.42
RMS 53.06
signal [adc counts]

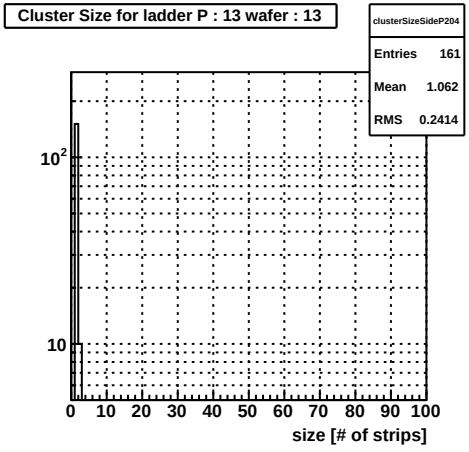

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1910
Mean 1.073
RMS 0.3009
size [# of strips]

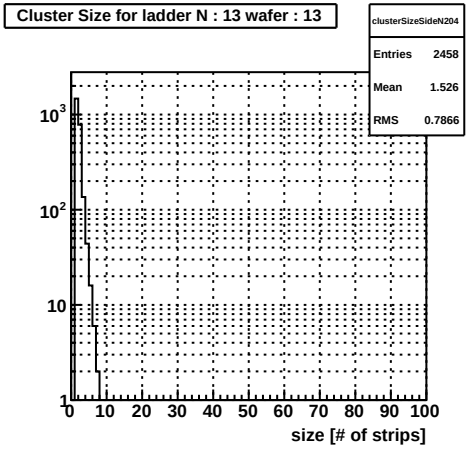

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2563
Mean 1.421
RMS 0.7758
size [# of strips]

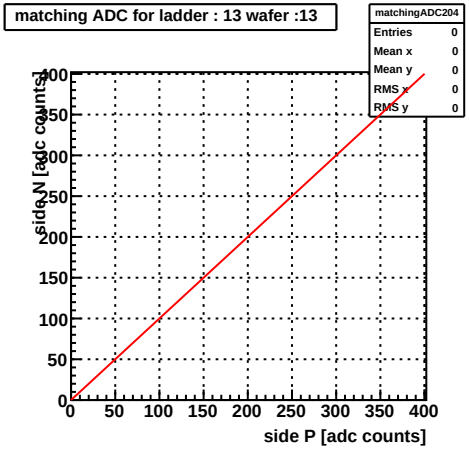

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 390
Mean x 85.83
Mean y 99.57
RMS x 56.08
RMS y 65.02
side N [adc counts]
side P [adc counts]

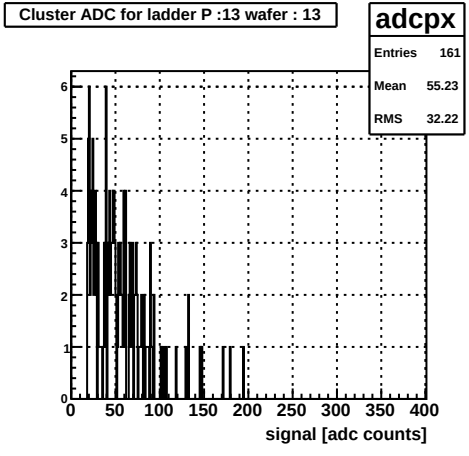

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1910
Mean 49.13
RMS 48.78
signal [adc counts]

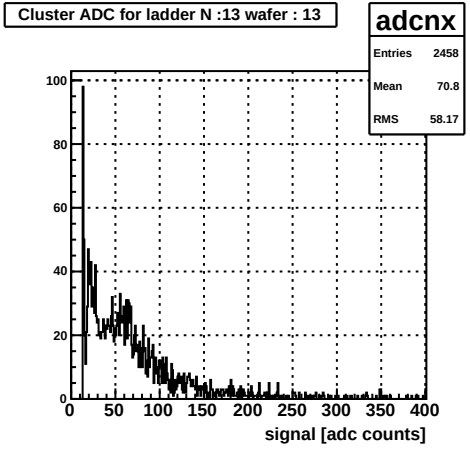

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2563
Mean 58.96
RMS 56.84
signal [adc counts]

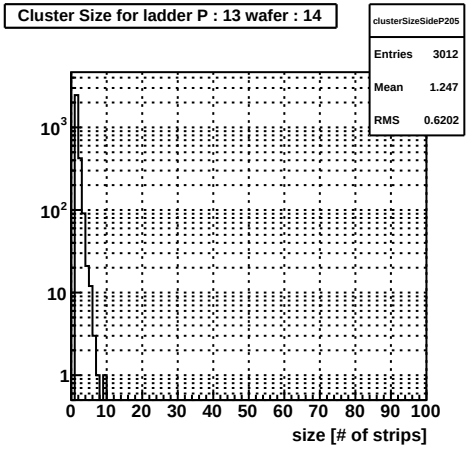

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 161
Mean 1.062
RMS 0.2414
size [# of strips]

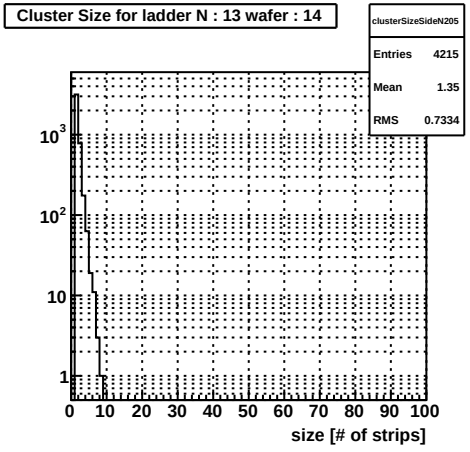

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2458
Mean 1.526
RMS 0.7866
size [# of strips]

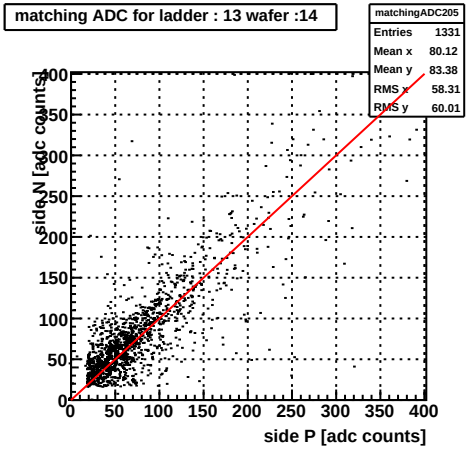

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

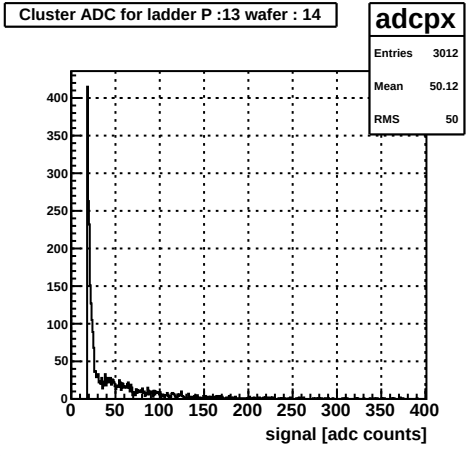

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 161
Mean 55.23
RMS 32.22
signal [adc counts]

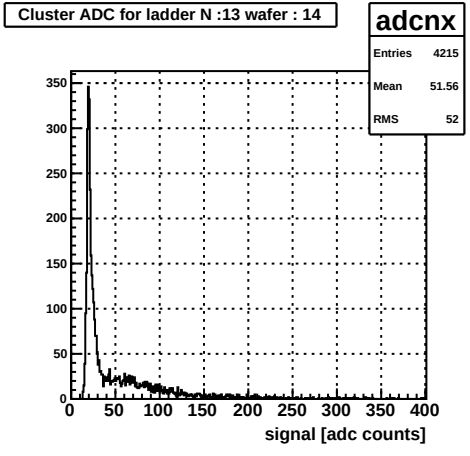

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2458
Mean 70.8
RMS 58.17
signal [adc counts]

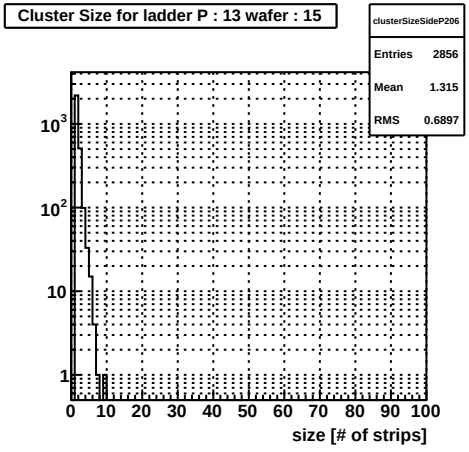

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 3012
Mean 1.247
RMS 0.6202
size [# of strips]

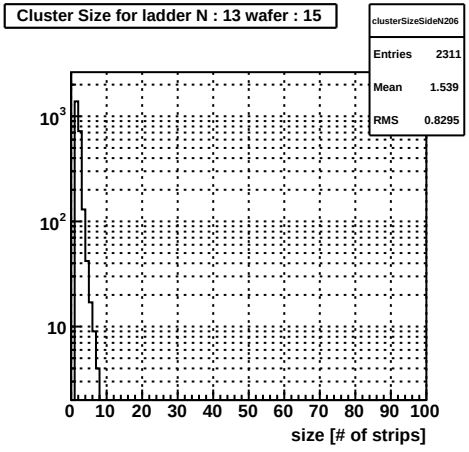

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4215
Mean 1.35
RMS 0.7334
size [# of strips]

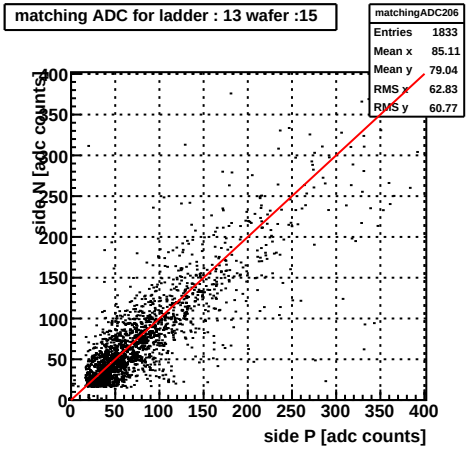

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1331
Mean x 80.12
Mean y 83.38
RMS x 58.31
RMS y 60.01
side N [adc counts]
side P [adc counts]

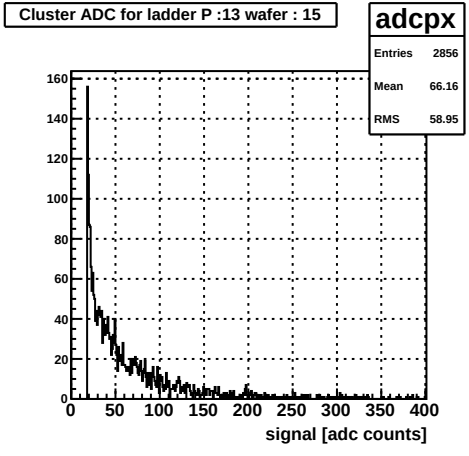

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 3012
Mean 50.12
RMS 50
signal [adc counts]

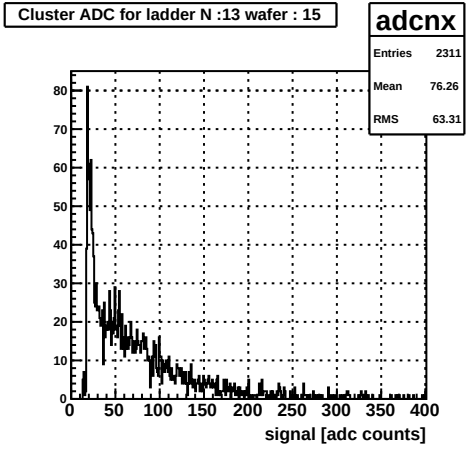

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4215
Mean 51.56
RMS 52
signal [adc counts]

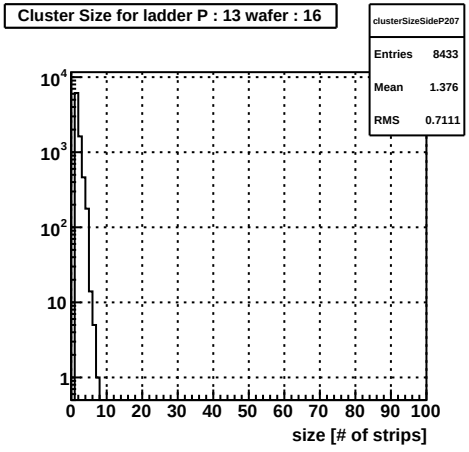

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2856
Mean 1.315
RMS 0.6897
size [# of strips]

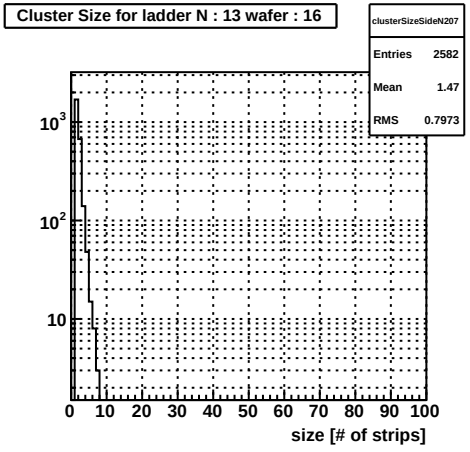

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2311
Mean 1.539
RMS 0.8295
size [# of strips]

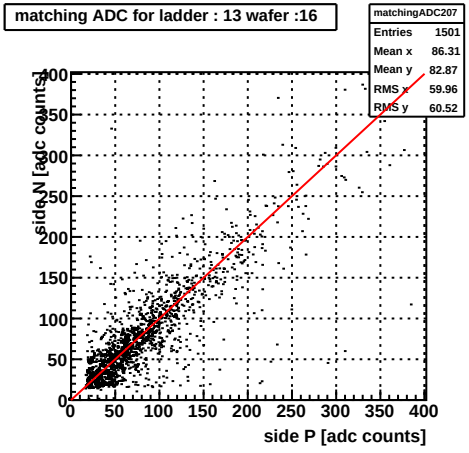

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1833
Mean x 85.11
Mean y 79.04
RMS x 62.83
RMS y 60.77
side N [adc counts]
side P [adc counts]

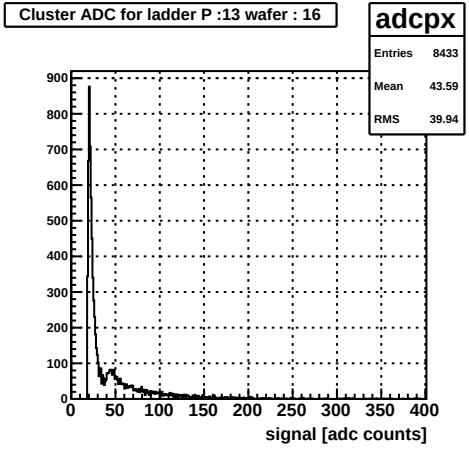

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2856
Mean 66.16
RMS 58.95
signal [adc counts]

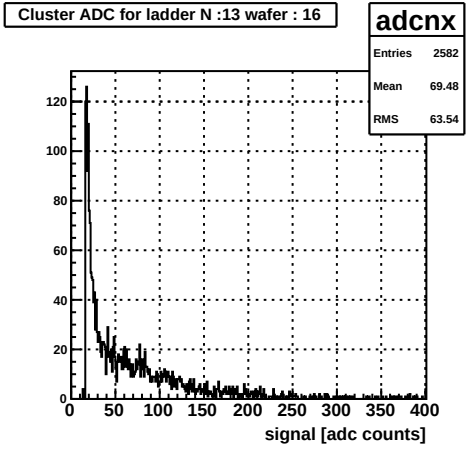

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2311
Mean 76.26
RMS 63.31
signal [adc counts]

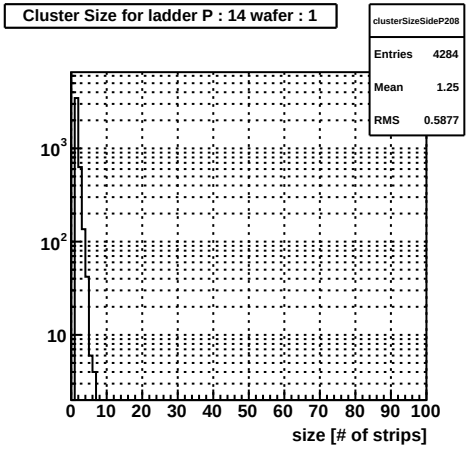

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8433
Mean 1.376
RMS 0.7111
size [# of strips]

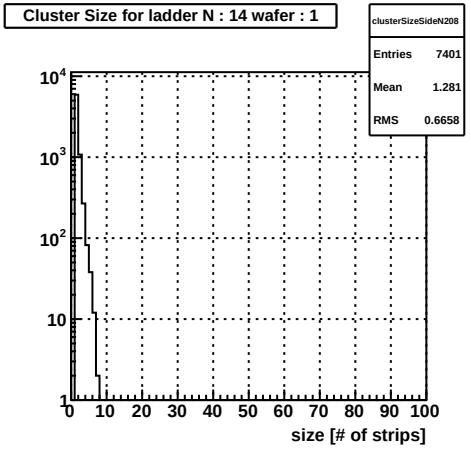

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2582
Mean 1.47
RMS 0.7973
size [# of strips]

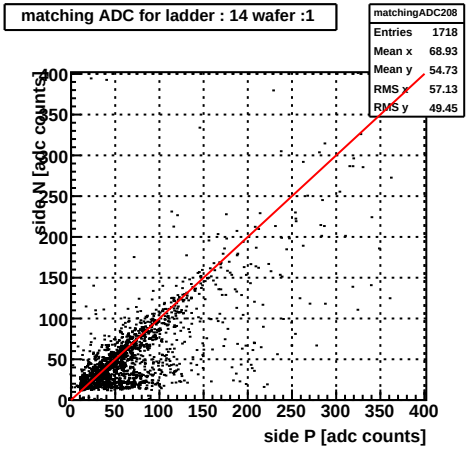

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1501
Mean x 86.31
Mean y 82.87
RMS x 59.96
RMS y 60.52
side N [adc counts]
side P [adc counts]

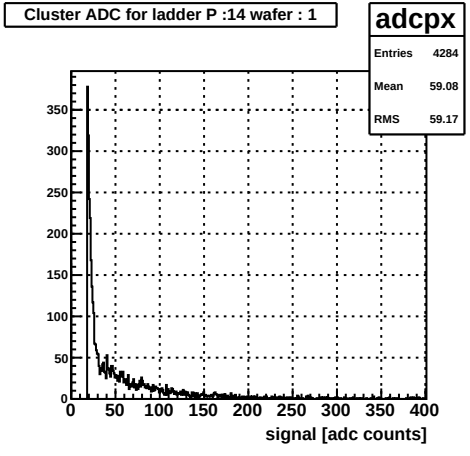

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8433
Mean 43.59
RMS 39.94
signal [adc counts]

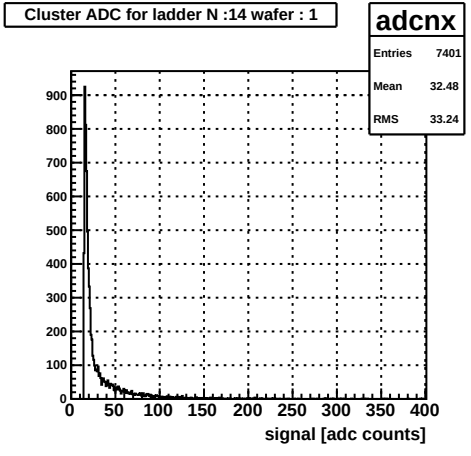

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2582
Mean 69.48
RMS 63.54
signal [adc counts]

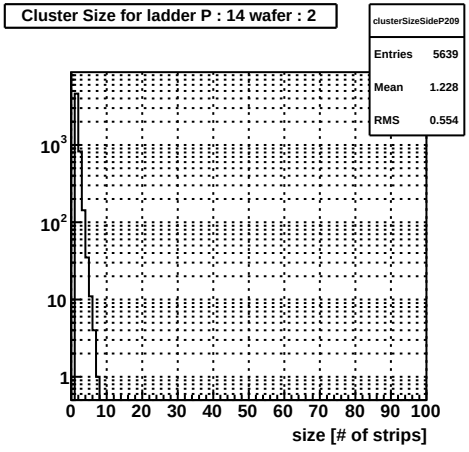

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4284
Mean 1.25
RMS 0.5877
size [# of strips]

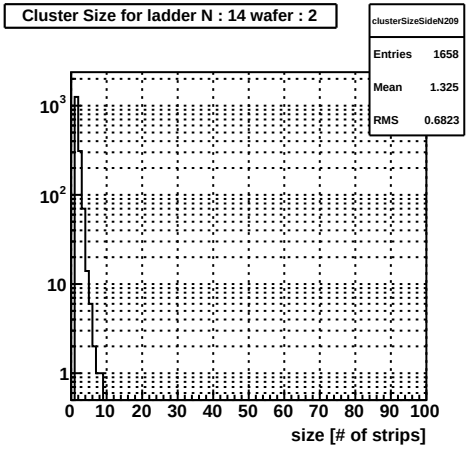

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7401
Mean 1.281
RMS 0.6658
size [# of strips]

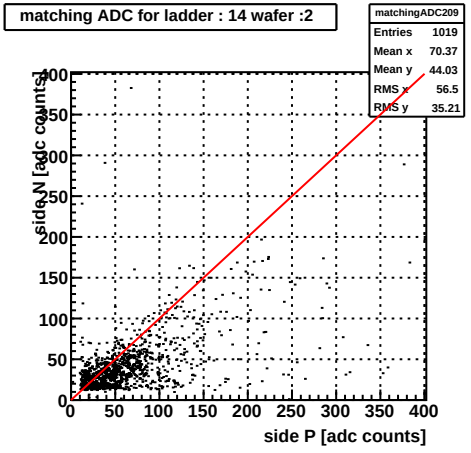

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1718
Mean x 68.93
Mean y 54.73
RMS x 57.13
RMS y 49.45
side N [adc counts]
side P [adc counts]

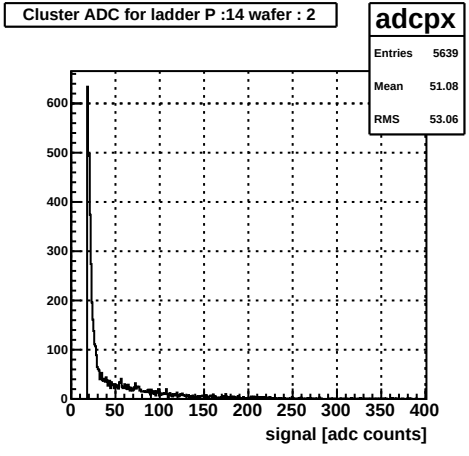

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4284
Mean 59.08
RMS 59.17
signal [adc counts]

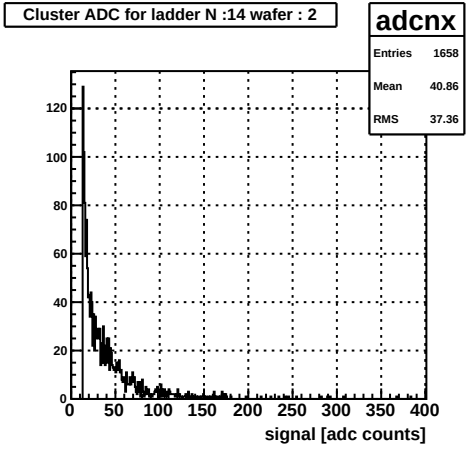

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7401
Mean 32.48
RMS 33.24
signal [adc counts]

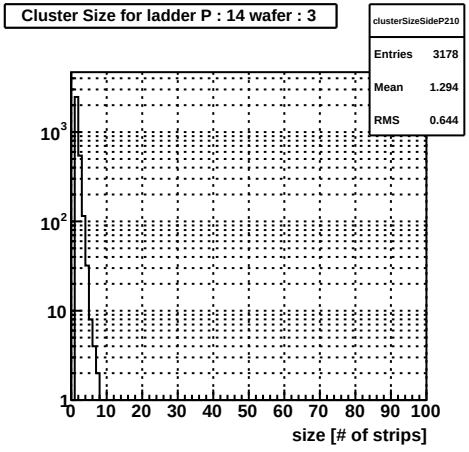

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5639
Mean 1.228
RMS 0.554
size [# of strips]

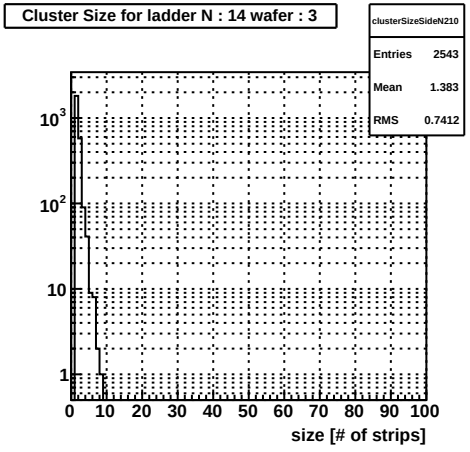

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1658
Mean 1.325
RMS 0.6823
size [# of strips]

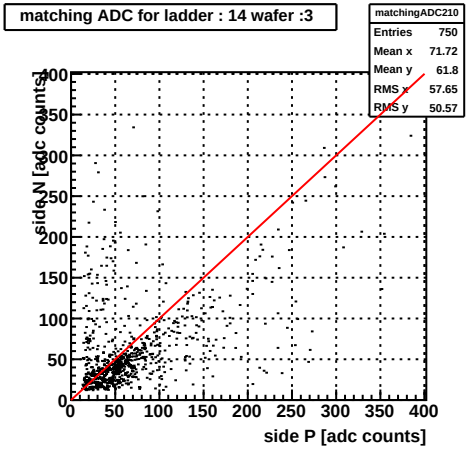

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1019
Mean x 70.37
Mean y 44.03
RMS x 56.5
RMS y 35.21
side N [adc counts]
side P [adc counts]

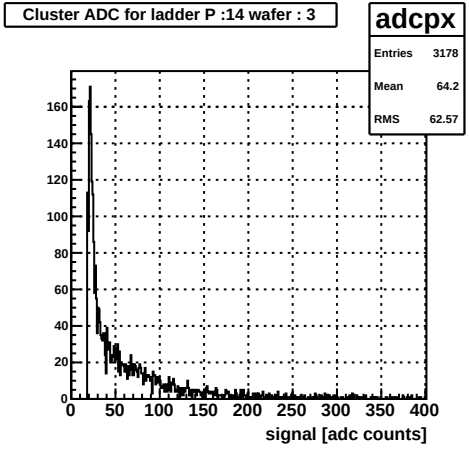

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5639
Mean 51.08
RMS 53.06
signal [adc counts]

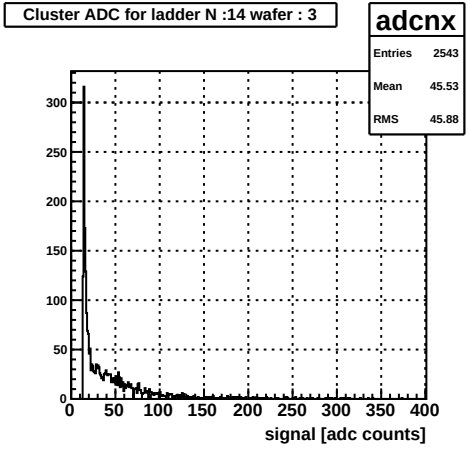

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1658
Mean 40.86
RMS 37.36
signal [adc counts]

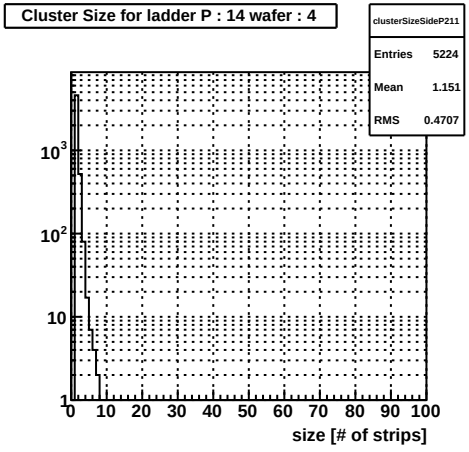

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3178
Mean 1.294
RMS 0.644
size [# of strips]

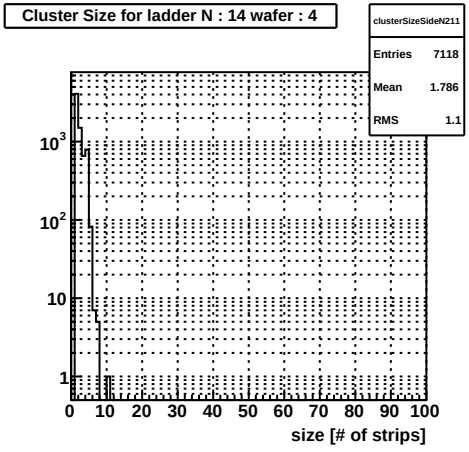

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2543
Mean 1.383
RMS 0.7412
size [# of strips]

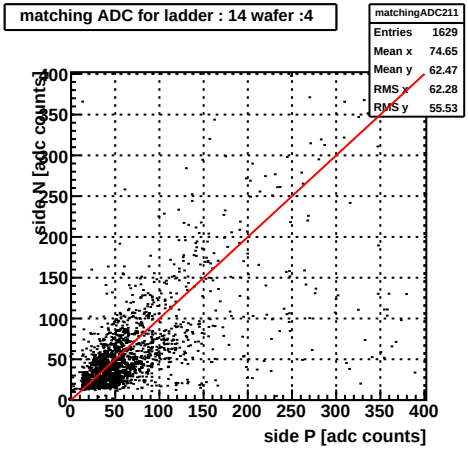

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 750
Mean x 71.72
Mean y 61.8
RMS x 57.65
RMS y 50.57
side N [adc counts]
side P [adc counts]

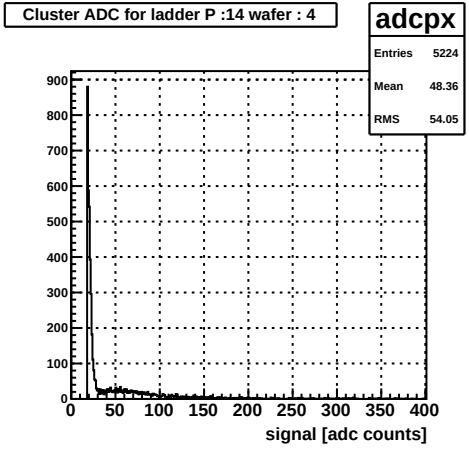

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3178
Mean 64.2
RMS 62.57
signal [adc counts]

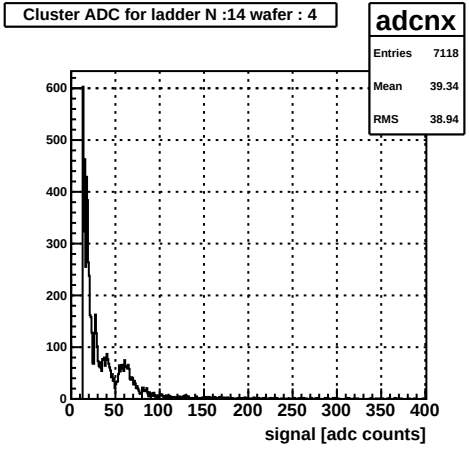

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2543
Mean 45.53
RMS 45.88
signal [adc counts]

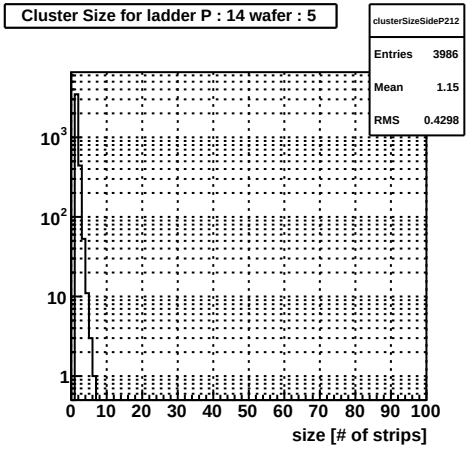

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5224
Mean 1.151
RMS 0.4707
size [# of strips]

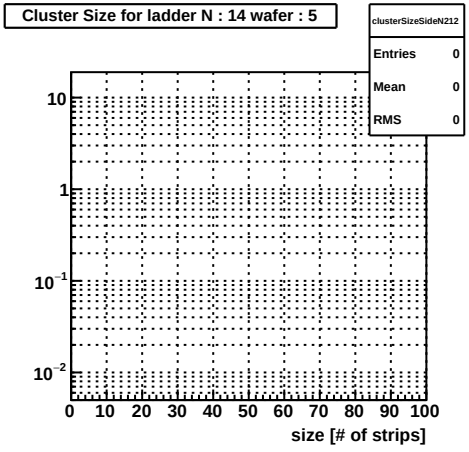

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7118
Mean 1.786
RMS 1.1
size [# of strips]

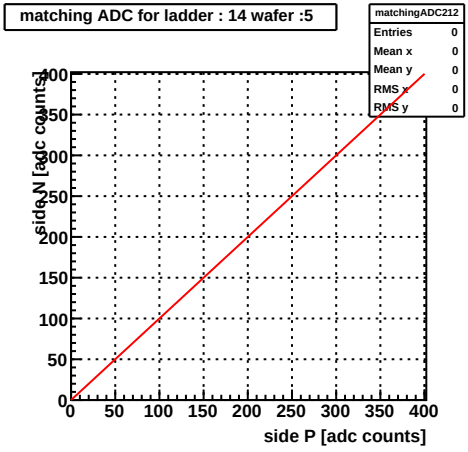

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1629
Mean x 74.65
Mean y 62.47
RMS x 62.28
RMS y 55.53
side N [adc counts]
side P [adc counts]

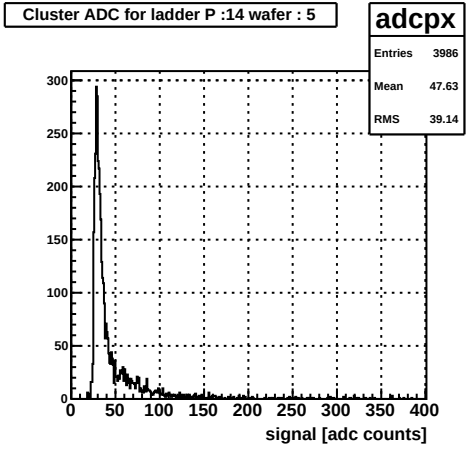

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5224
Mean 48.36
RMS 54.05
signal [adc counts]

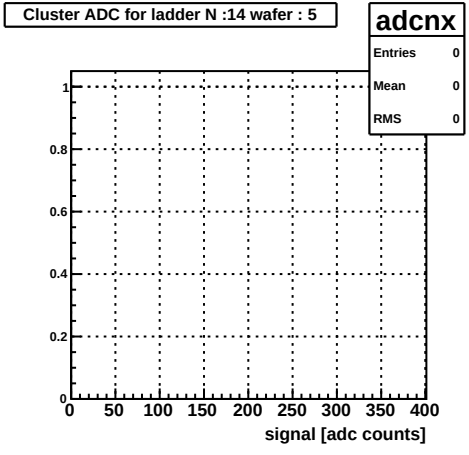

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7118
Mean 39.34
RMS 38.94
signal [adc counts]

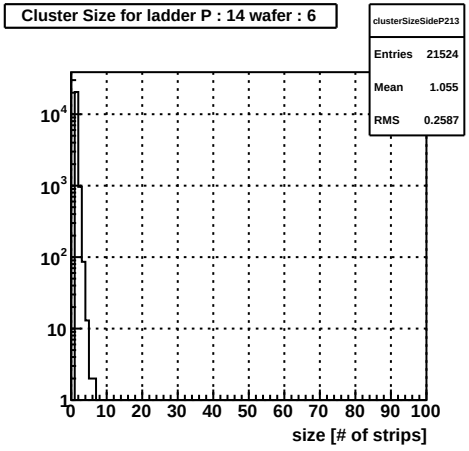

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3986
Mean 1.15
RMS 0.4298
size [# of strips]

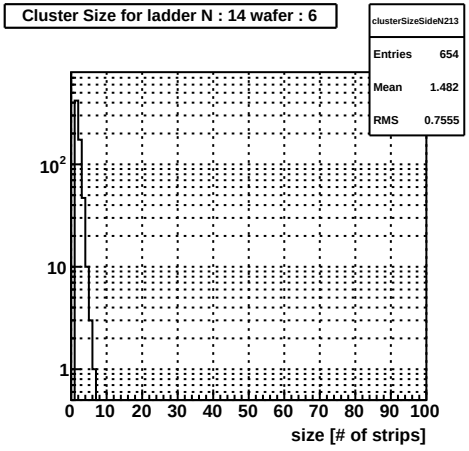

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

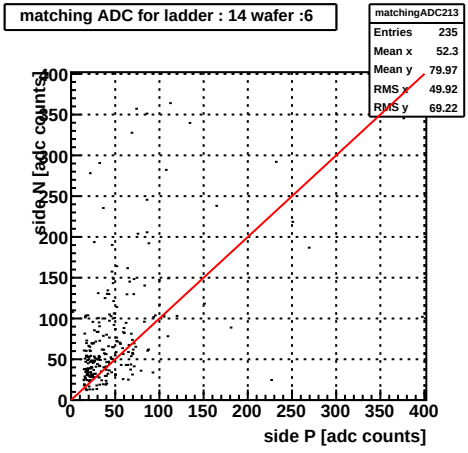

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

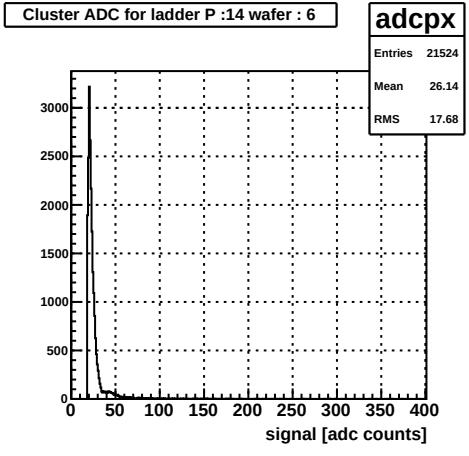

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3986
Mean 47.63
RMS 39.14
signal [adc counts]

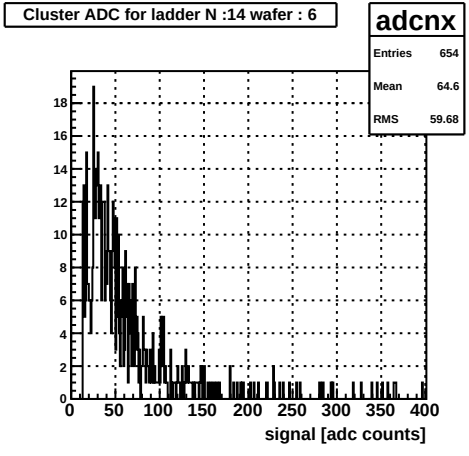

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

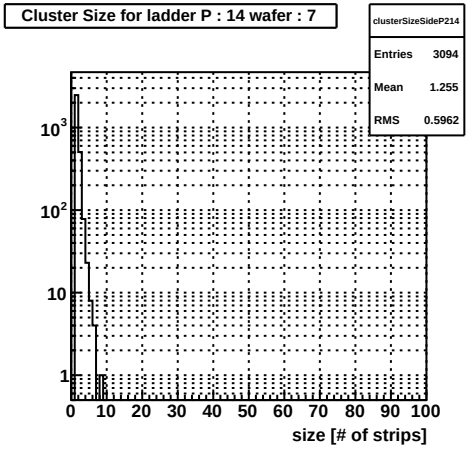

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21524
Mean 1.055
RMS 0.2587
size [# of strips]

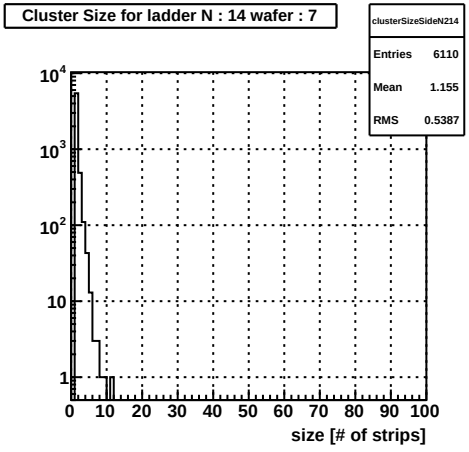

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 654
Mean 1.482
RMS 0.7555
size [# of strips]

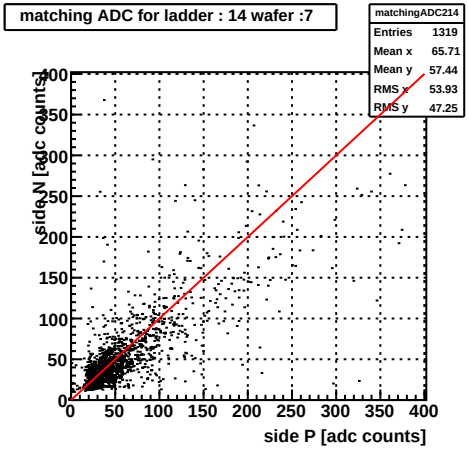

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 235
Mean x 52.3
Mean y 79.97
RMS x 49.92
RMS y 69.22
side N [adc counts]
side P [adc counts]

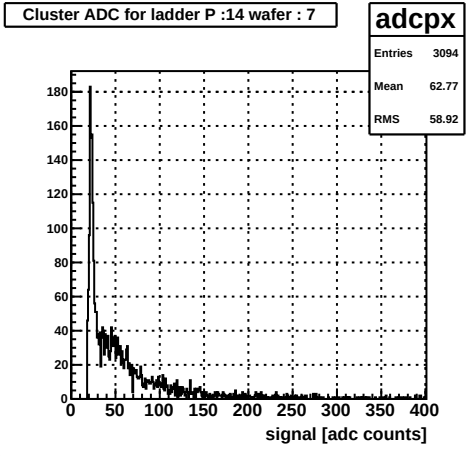

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21524
Mean 26.14
RMS 17.68
signal [adc counts]

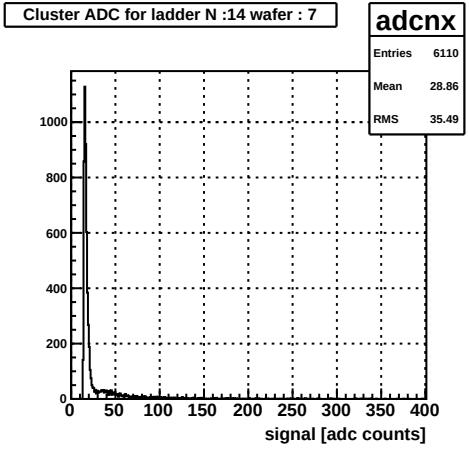

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 654
Mean 64.6
RMS 59.68
signal [adc counts]

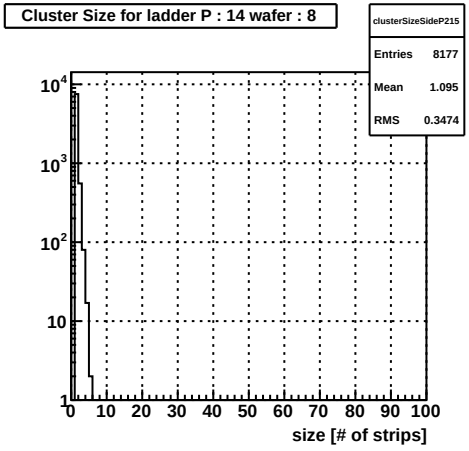

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 3094
Mean 1.255
RMS 0.5962
size [# of strips]

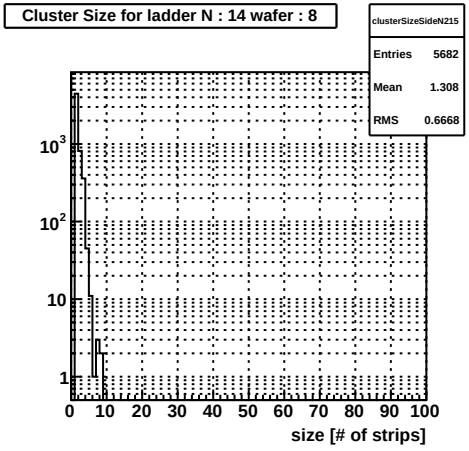

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6110
Mean 1.155
RMS 0.5387
size [# of strips]

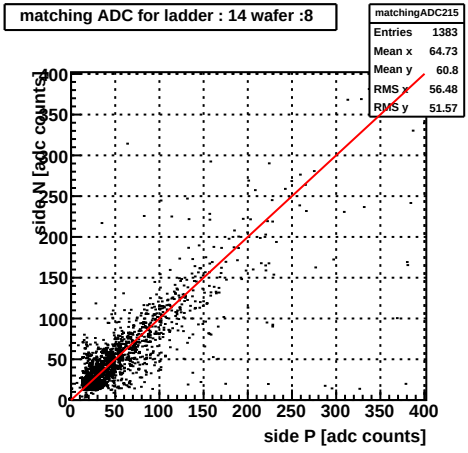

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1319
Mean x 65.71
Mean y 57.44
RMS x 53.93
RMS y 47.25
side N [adc counts]
side P [adc counts]

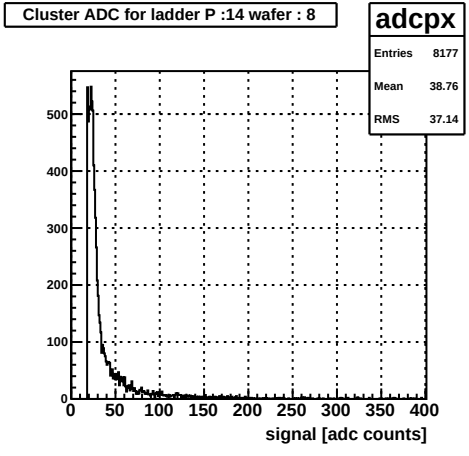

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 3094
Mean 62.77
RMS 58.92
signal [adc counts]

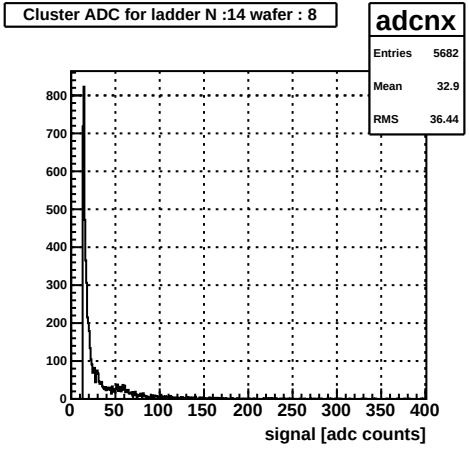

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6110
Mean 28.86
RMS 35.49
signal [adc counts]

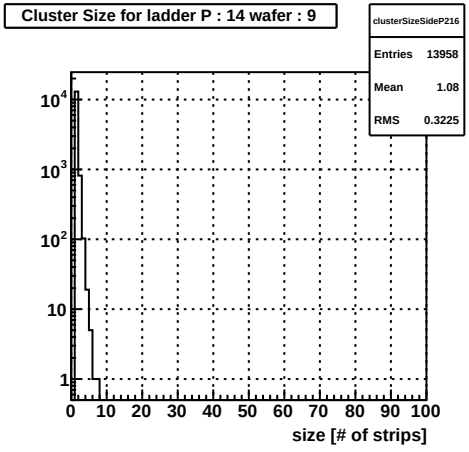

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8177
Mean 1.095
RMS 0.3474
size [# of strips]

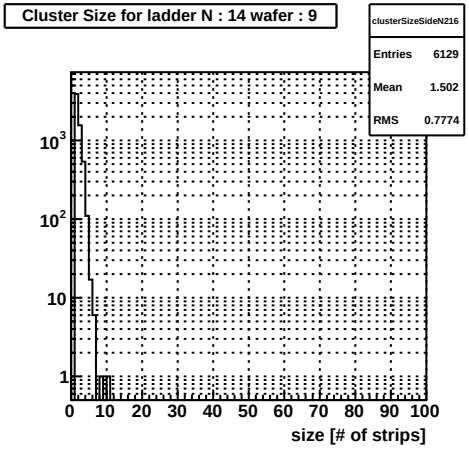

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5682
Mean 1.308
RMS 0.6668
size [# of strips]

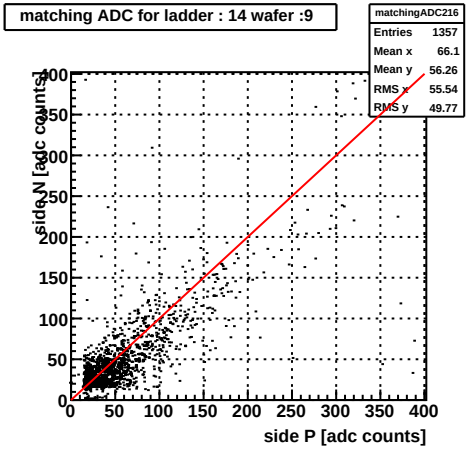

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1383
Mean x 64.73
Mean y 60.8
RMS x 56.48
RMS y 51.57
side N [adc counts]
side P [adc counts]

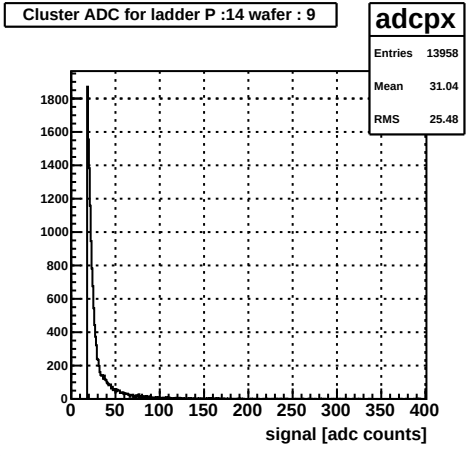

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8177
Mean 38.76
RMS 37.14
signal [adc counts]

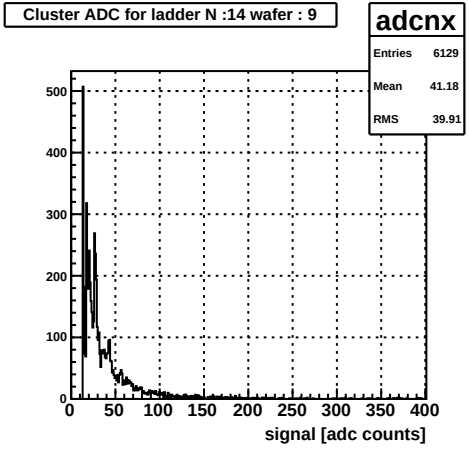

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5682
Mean 32.9
RMS 36.44
signal [adc counts]

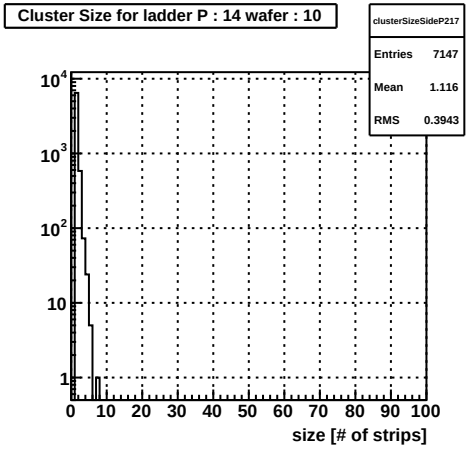

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 13958
Mean 1.08
RMS 0.3225
size [# of strips]

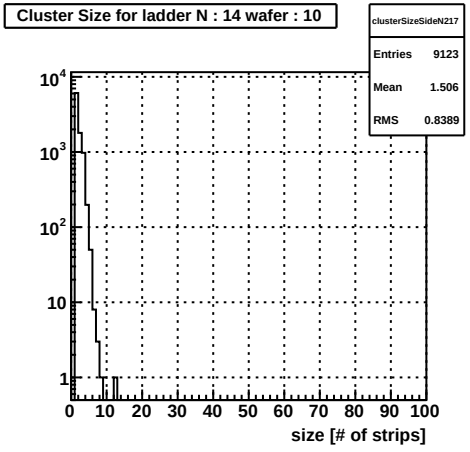

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6129
Mean 1.502
RMS 0.7774
size [# of strips]

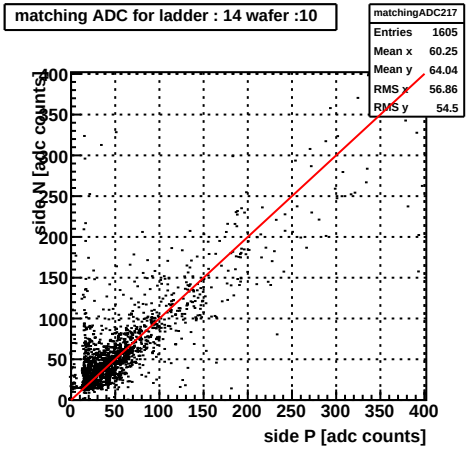

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1357
Mean x 66.1
Mean y 56.26
RMS x 55.54
RMS y 49.77
side N [adc counts]
side P [adc counts]

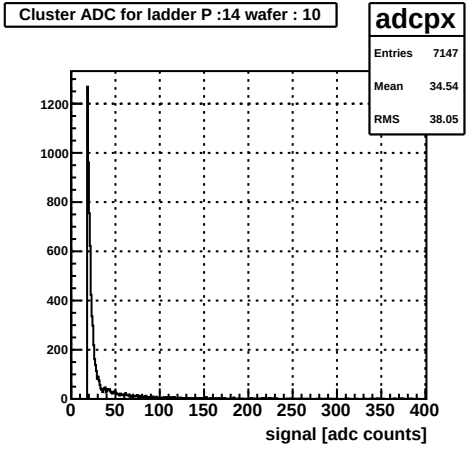

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 13958
Mean 31.04
RMS 25.48
signal [adc counts]

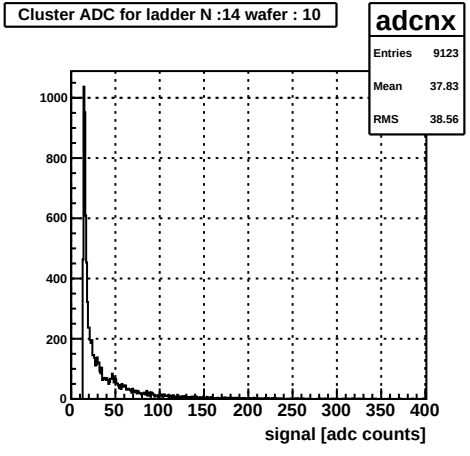

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6129
Mean 41.18
RMS 39.91
signal [adc counts]

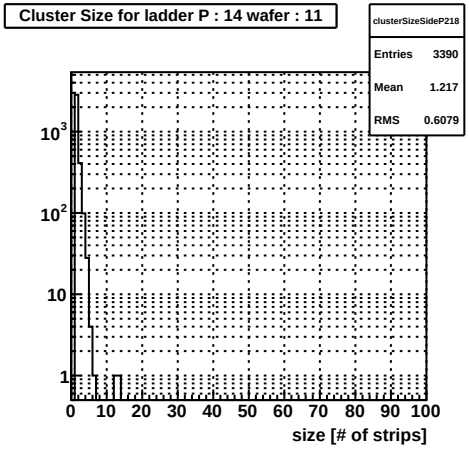

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7147
Mean 1.116
RMS 0.3943
size [# of strips]

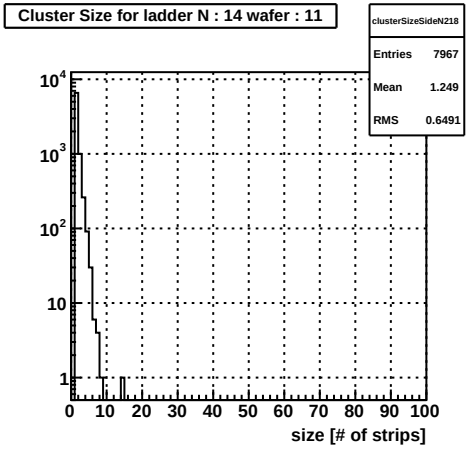

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9123
Mean 1.506
RMS 0.8389
size [# of strips]

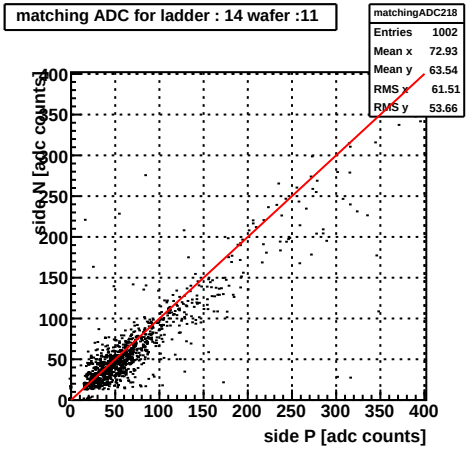

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1605
Mean x 60.25
Mean y 64.04
RMS x 56.86
RMS y 54.5
side N [adc counts]
side P [adc counts]

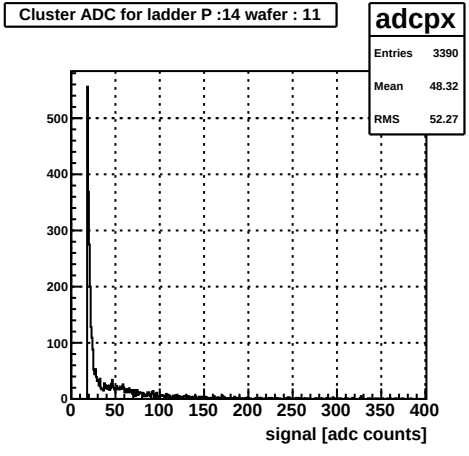

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7147
Mean 34.54
RMS 38.05
signal [adc counts]

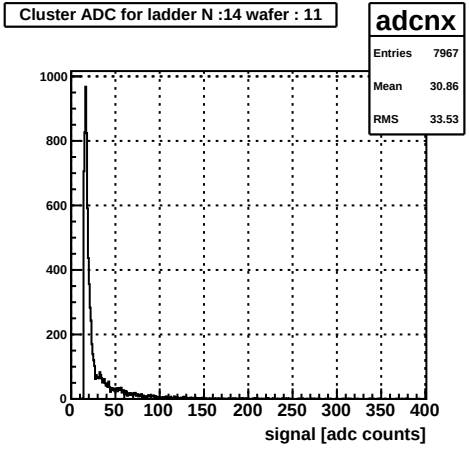

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9123
Mean 37.83
RMS 38.56
signal [adc counts]

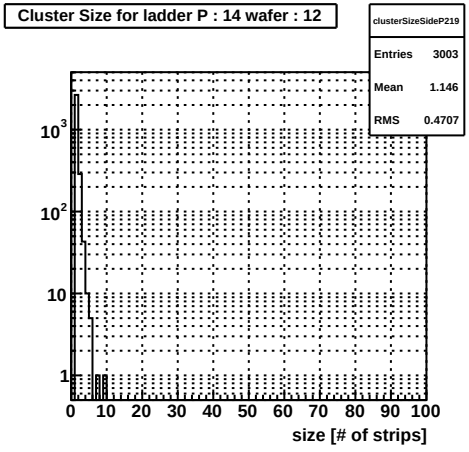

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3390
Mean 1.217
RMS 0.6079
size [# of strips]

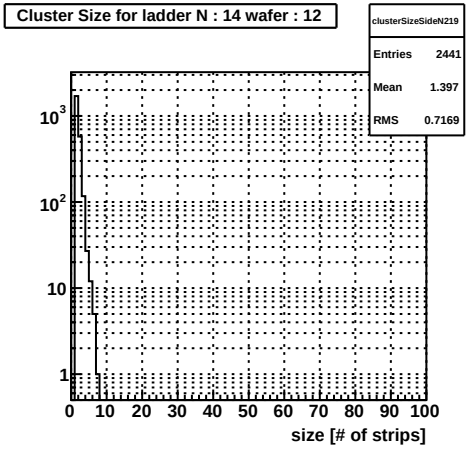

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7967
Mean 1.249
RMS 0.6491
size [# of strips]

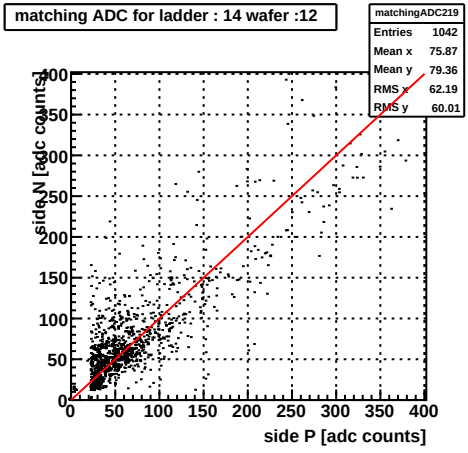

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1002
Mean x 72.93
Mean y 63.54
RMS x 61.51
RMS y 53.66
side N [adc counts]
side P [adc counts]

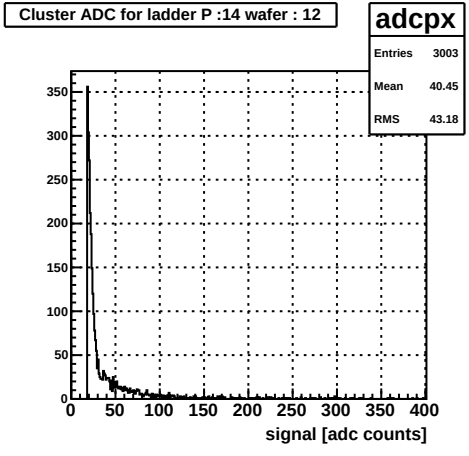

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3390
Mean 48.32
RMS 52.27
signal [adc counts]

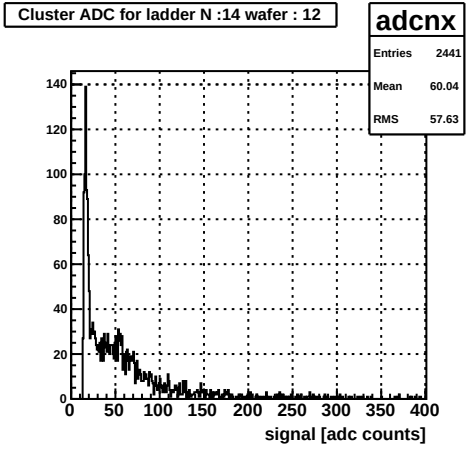

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7967
Mean 30.86
RMS 33.53
signal [adc counts]

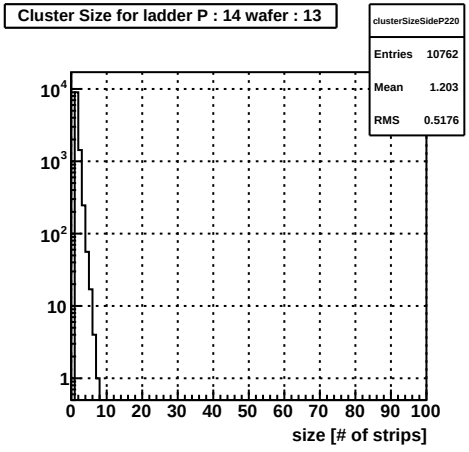

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3003
Mean 1.146
RMS 0.4707
size [# of strips]

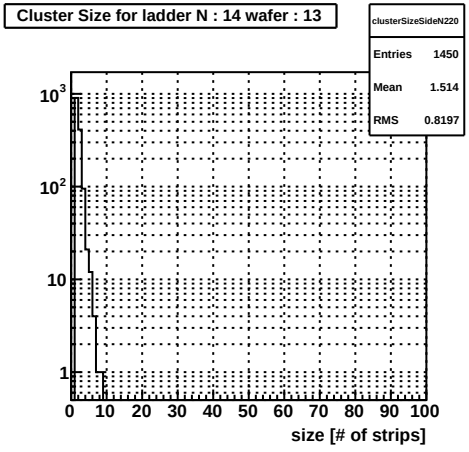

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2441
Mean 1.397
RMS 0.7169
size [# of strips]

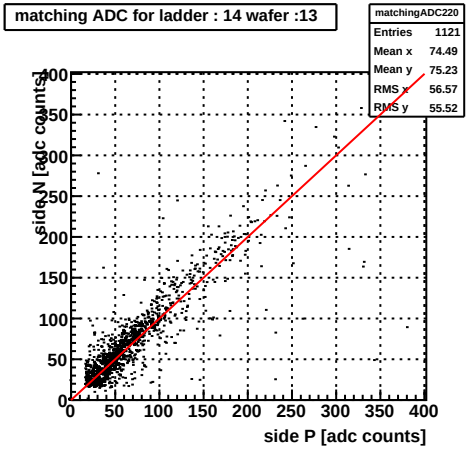

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1042
Mean x 75.87
Mean y 79.36
RMS x 62.19
RMS y 60.01
side N [adc counts]
side P [adc counts]

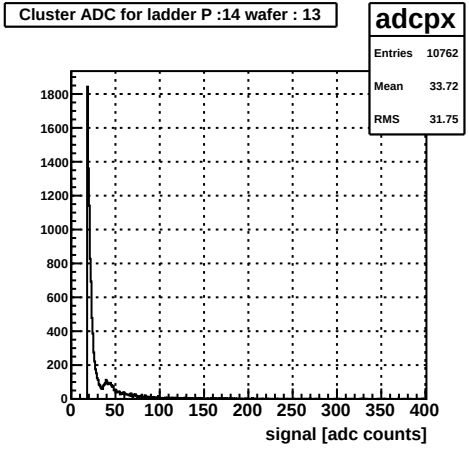

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3003
Mean 40.45
RMS 43.18
signal [adc counts]

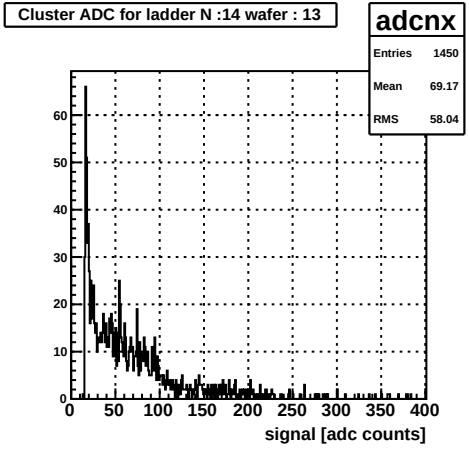

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2441
Mean 60.04
RMS 57.63
signal [adc counts]

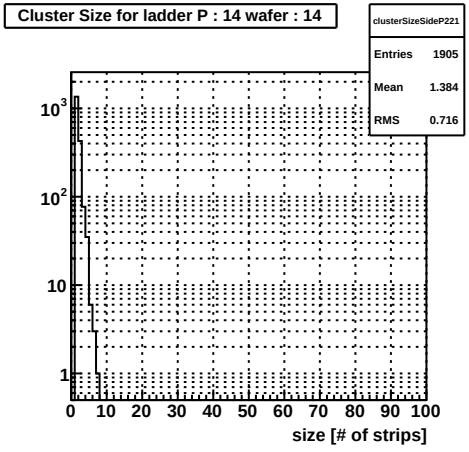

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10762
Mean 1.203
RMS 0.5176
size [# of strips]

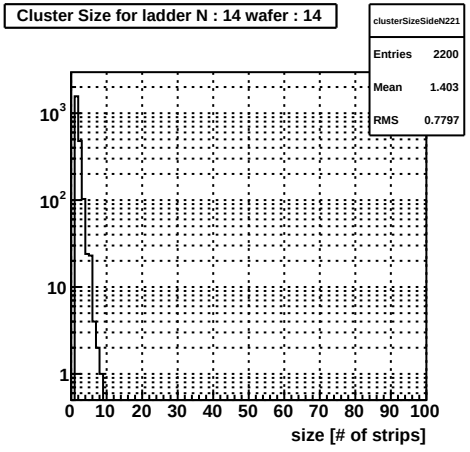

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1450
Mean 1.514
RMS 0.8197
size [# of strips]

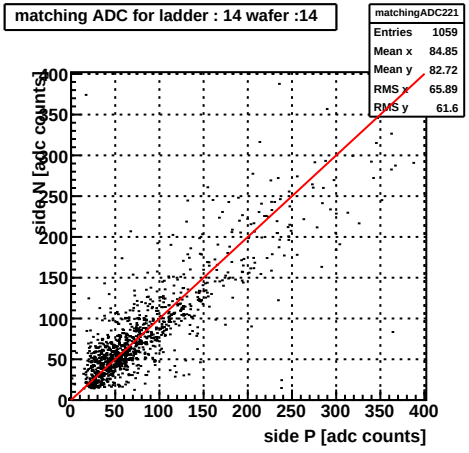

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1121
Mean x 74.49
Mean y 75.23
RMS x 56.57
RMS y 55.52
side N [adc counts]
side P [adc counts]

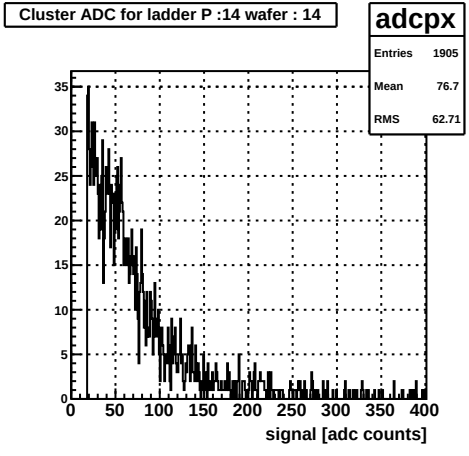

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10762
Mean 33.72
RMS 31.75
signal [adc counts]

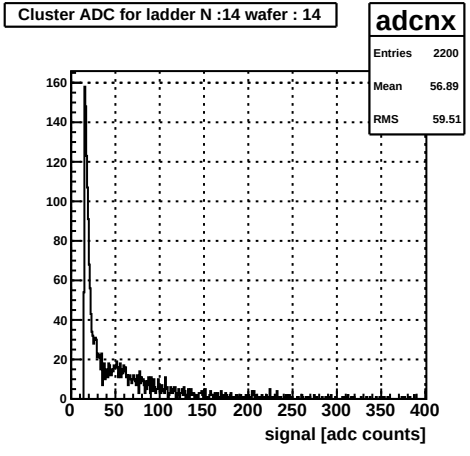

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1450
Mean 69.17
RMS 58.04
signal [adc counts]

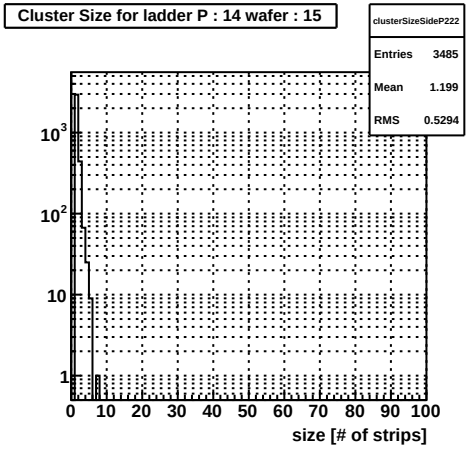

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1905
Mean 1.384
RMS 0.716
size [# of strips]

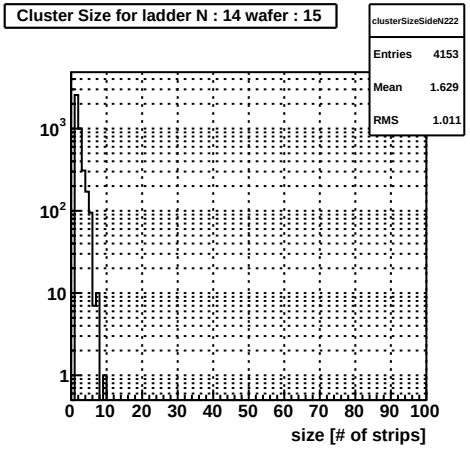

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2200
Mean 1.403
RMS 0.7797
size [# of strips]

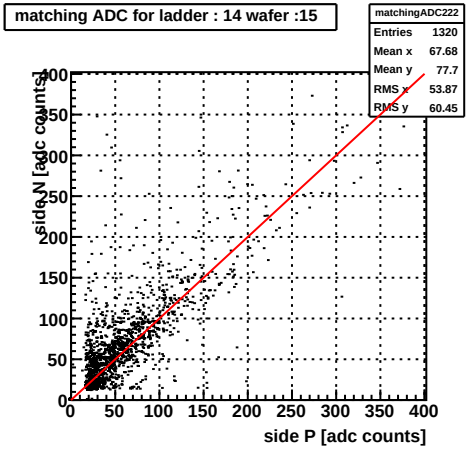

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1059
Mean x 84.85
Mean y 82.72
RMS x 65.89
RMS y 61.6
side N [adc counts]
side P [adc counts]

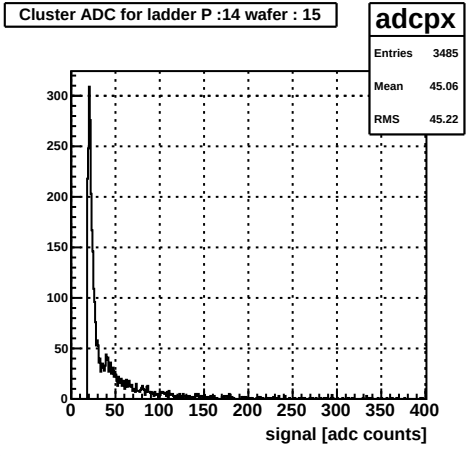

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1905
Mean 76.7
RMS 62.71
signal [adc counts]

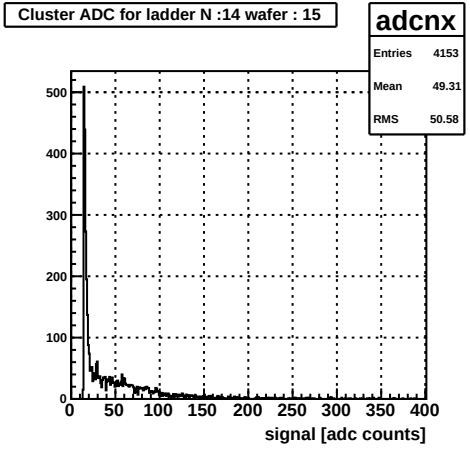

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2200
Mean 56.89
RMS 59.51
signal [adc counts]

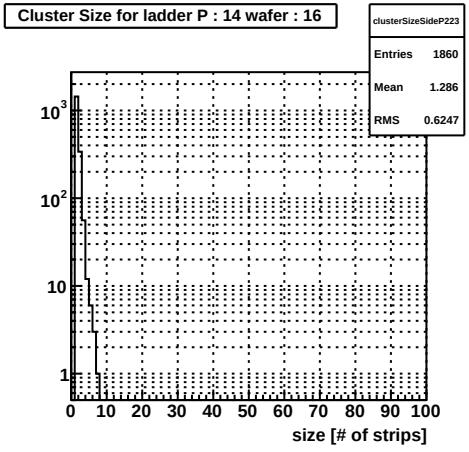

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3485
Mean 1.199
RMS 0.5294
size [# of strips]

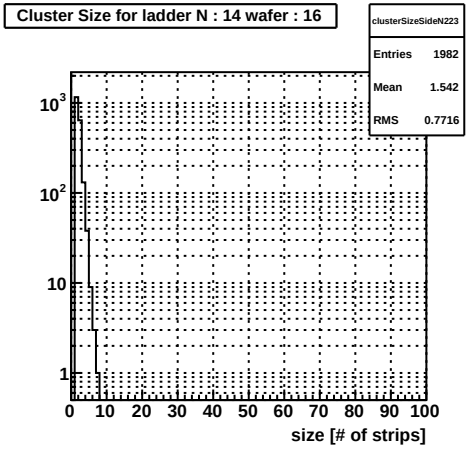

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4153
Mean 1.629
RMS 1.011
size [# of strips]

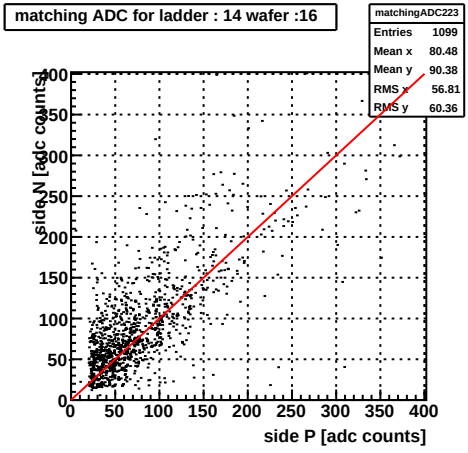

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1320
Mean x 67.68
Mean y 77.7
RMS x 53.87
RMS y 60.45
side N [adc counts]
side P [adc counts]

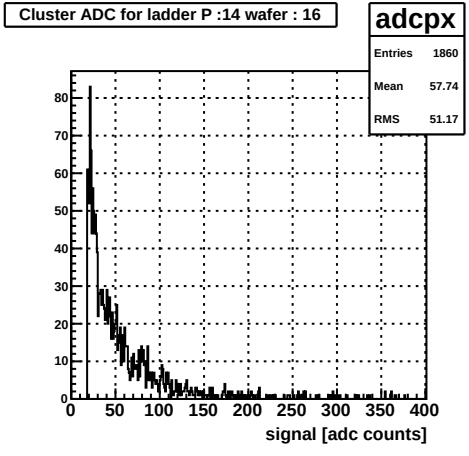

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3485
Mean 45.06
RMS 45.22
signal [adc counts]

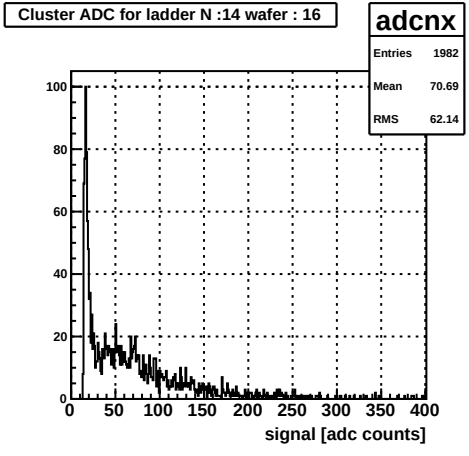

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4153
Mean 49.31
RMS 50.58
signal [adc counts]

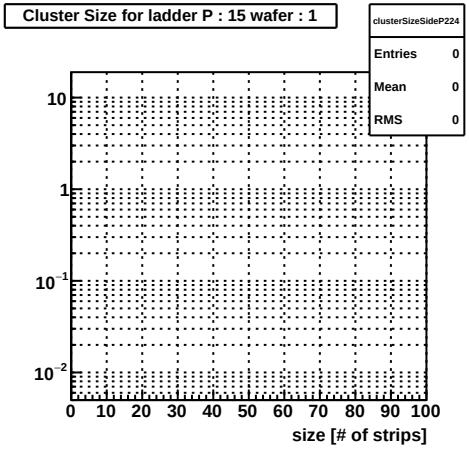

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1860
Mean 1.286
RMS 0.6247
size [# of strips]

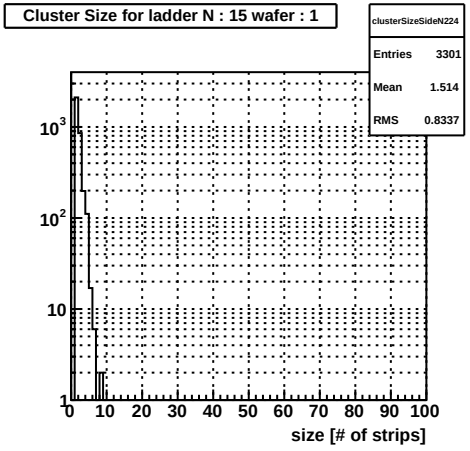

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1982
Mean 1.542
RMS 0.7716
size [# of strips]

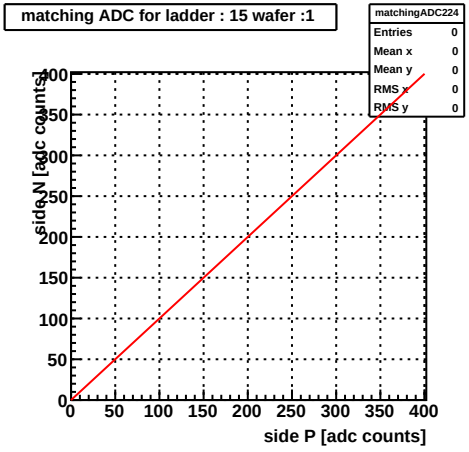

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1099
Mean x 80.48
Mean y 90.38
RMS x 56.81
RMS y 60.36
side N [adc counts]
side P [adc counts]

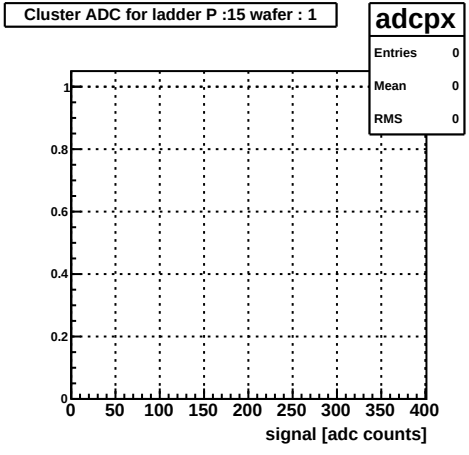

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1860
Mean 57.74
RMS 51.17
signal [adc counts]

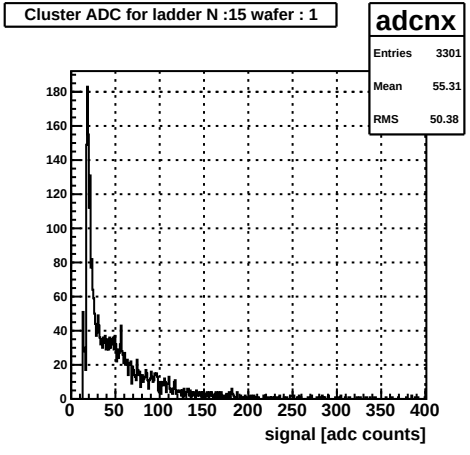

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1982
Mean 70.69
RMS 62.14
signal [adc counts]

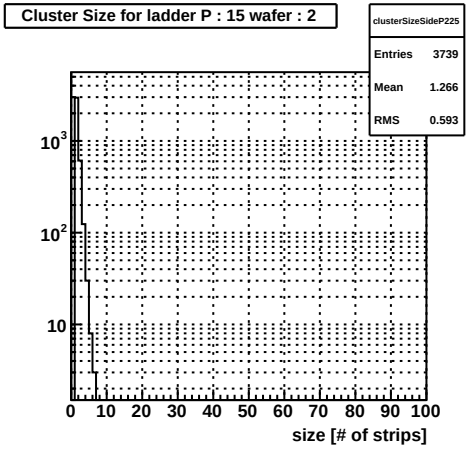

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

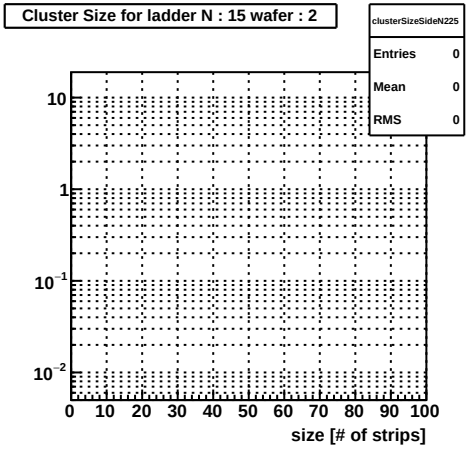

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3301
Mean 1.514
RMS 0.8337
size [# of strips]

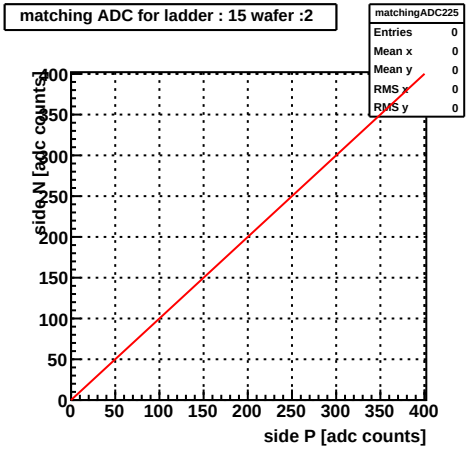

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

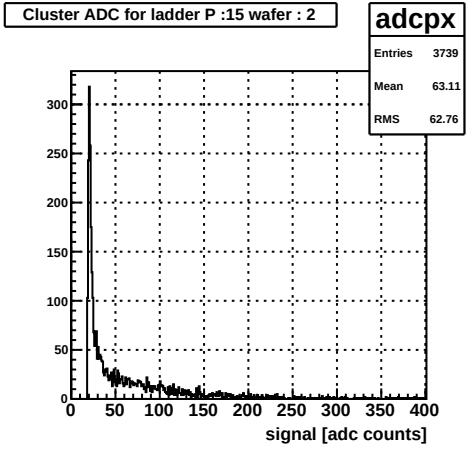

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

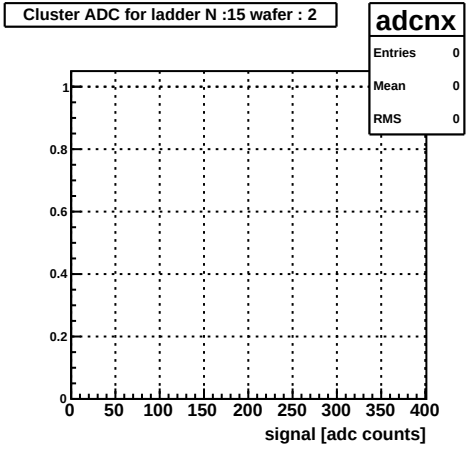

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3301
Mean 55.31
RMS 50.38
signal [adc counts]

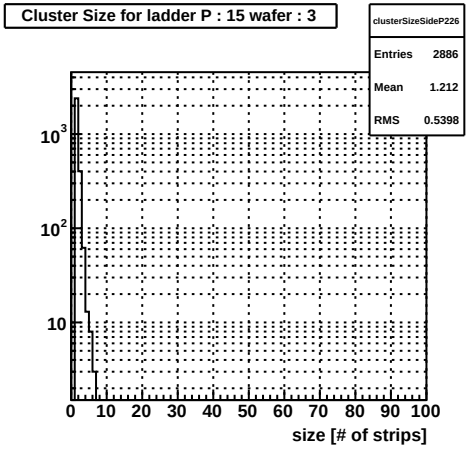

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3739
Mean 1.266
RMS 0.593
size [# of strips]

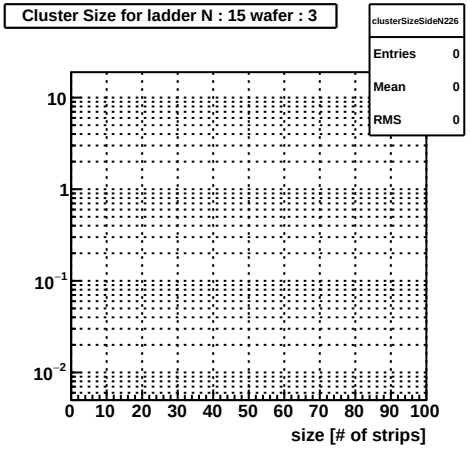

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

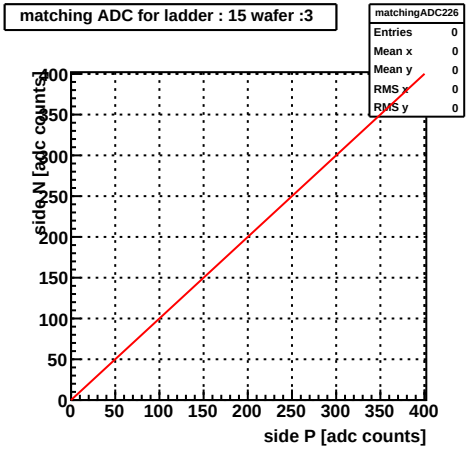

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

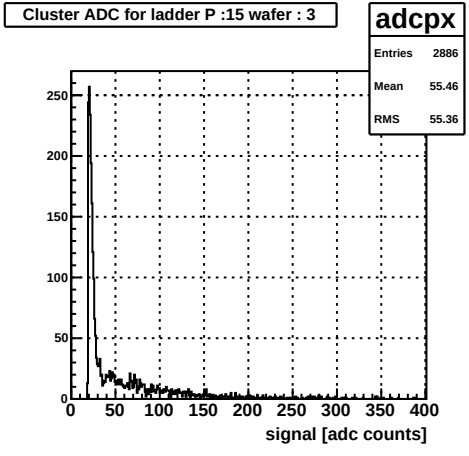

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3739
Mean 63.11
RMS 62.76
signal [adc counts]

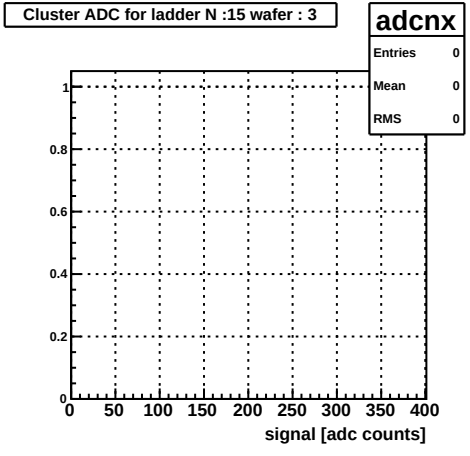

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

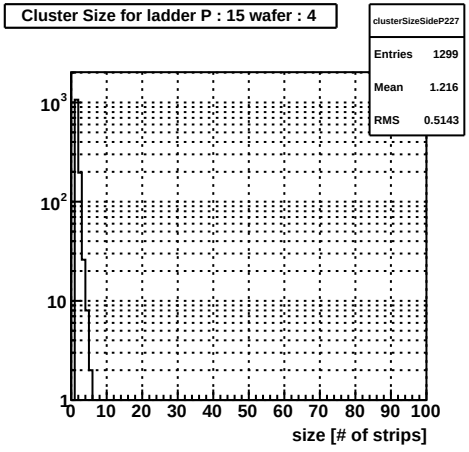

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2886
Mean 1.212
RMS 0.5398
size [# of strips]

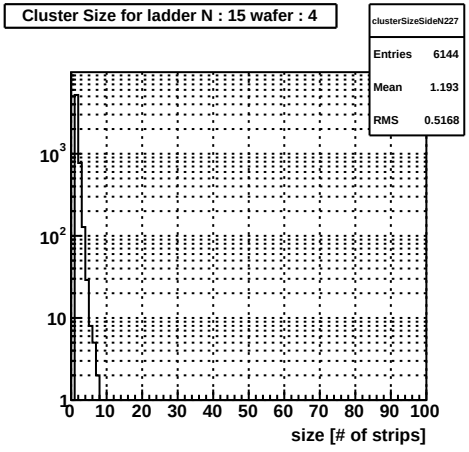

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

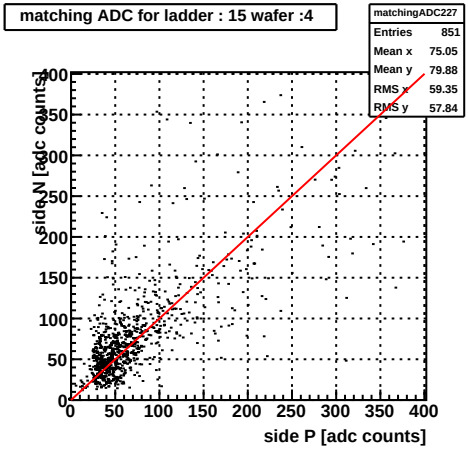

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

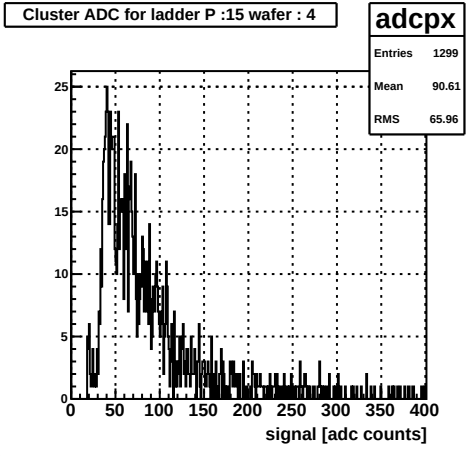

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2886
Mean 55.46
RMS 55.36
signal [adc counts]

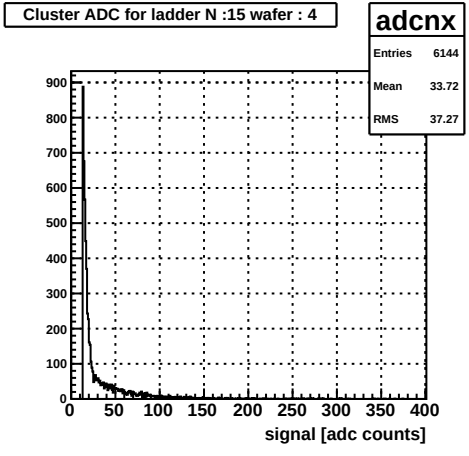

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

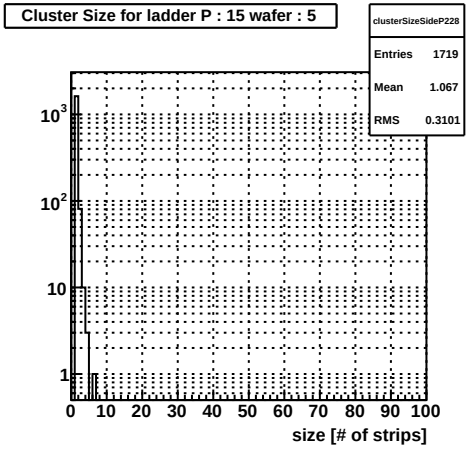

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1299
Mean 1.216
RMS 0.5143
size [# of strips]

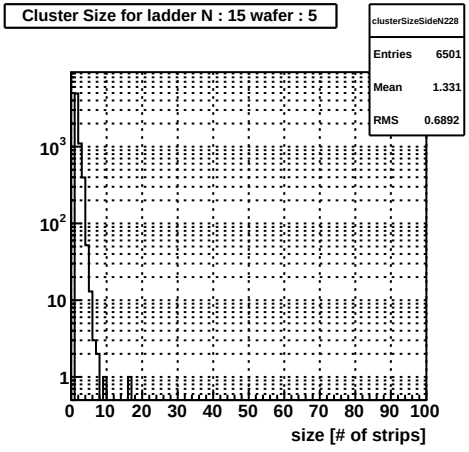

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6144
Mean 1.193
RMS 0.5168
size [# of strips]

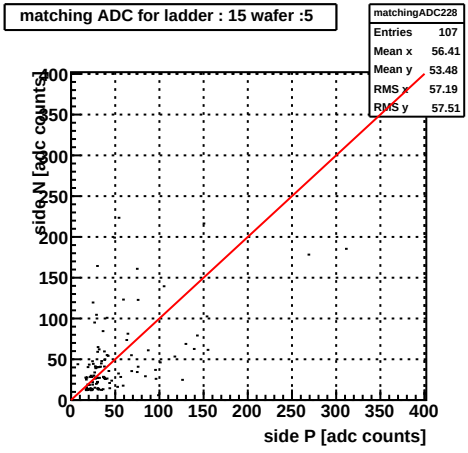

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 851
Mean x 75.05
Mean y 79.88
RMS x 59.35
RMS y 57.84
side N [adc counts]
side P [adc counts]

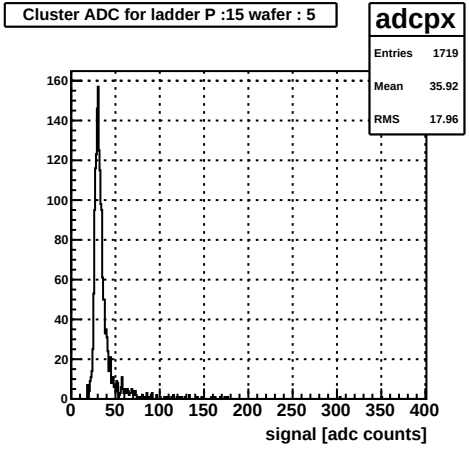

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1299
Mean 90.61
RMS 65.96
signal [adc counts]

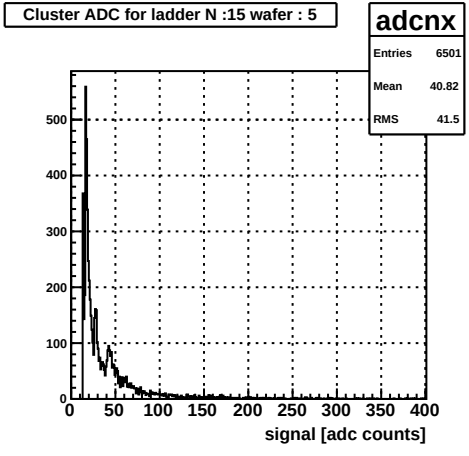

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6144
Mean 33.72
RMS 37.27
signal [adc counts]

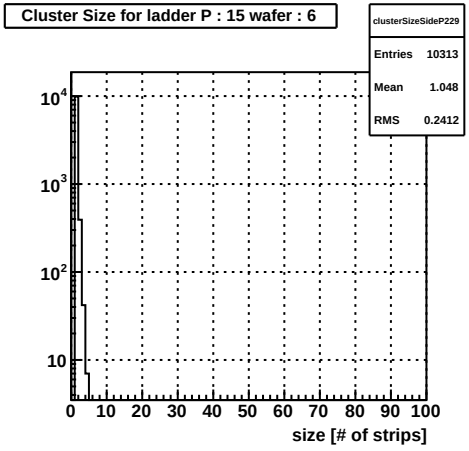

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1719
Mean 1.067
RMS 0.3101
size [# of strips]

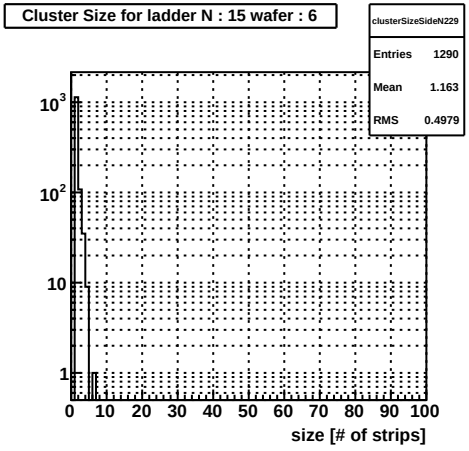

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6501
Mean 1.331
RMS 0.6892
size [# of strips]

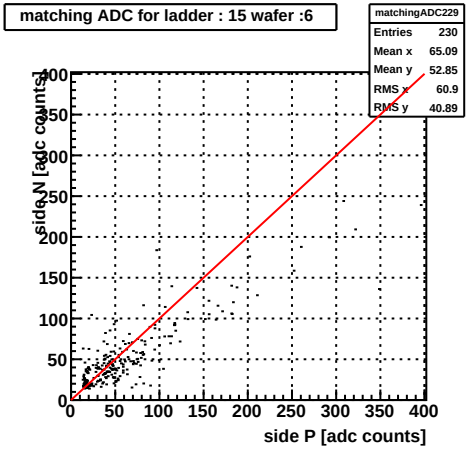

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 107
Mean x 56.41
Mean y 53.48
RMS x 57.19
RMS y 57.51
side N [adc counts]
side P [adc counts]

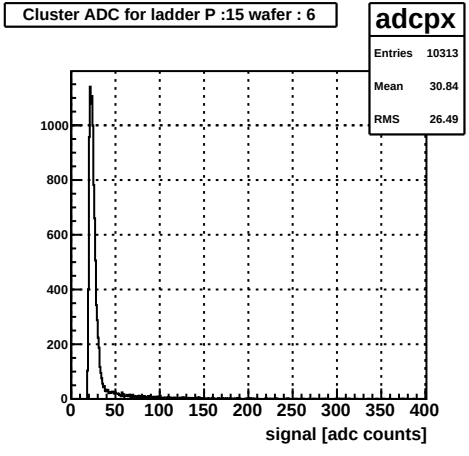

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1719
Mean 35.92
RMS 17.96
signal [adc counts]

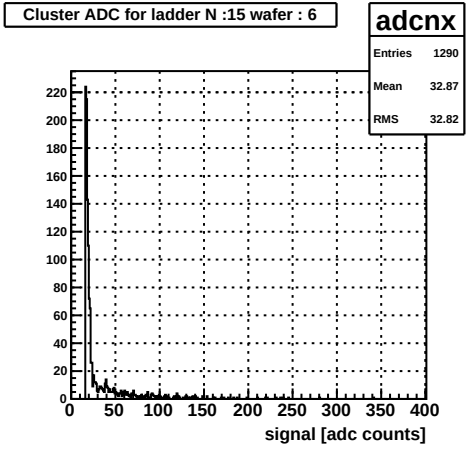

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6501
Mean 40.82
RMS 41.5
signal [adc counts]

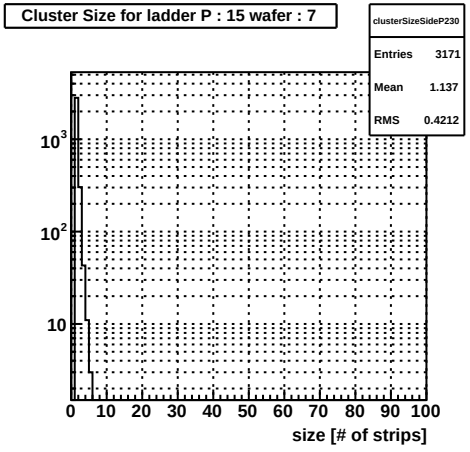

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10313
Mean 1.048
RMS 0.2412
size [# of strips]

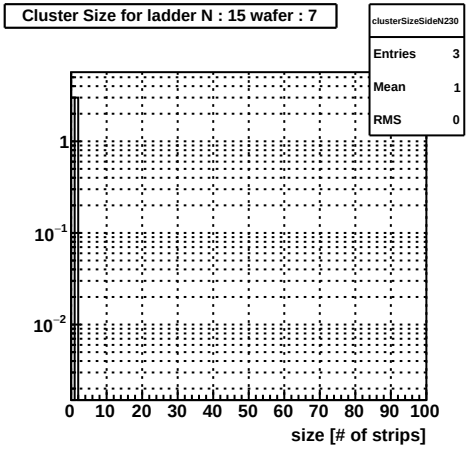

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1290
Mean 1.163
RMS 0.4979
size [# of strips]

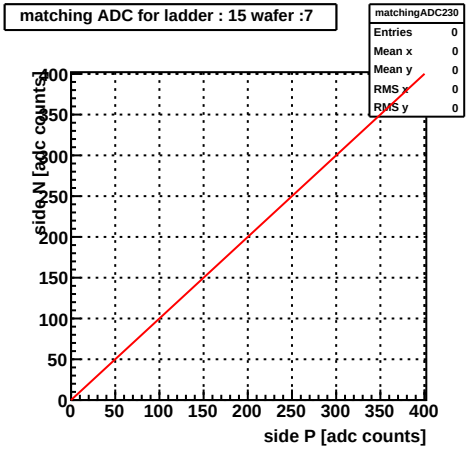

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 230
Mean x 65.09
Mean y 52.85
RMS x 60.9
RMS y 40.89
side N [adc counts]
side P [adc counts]

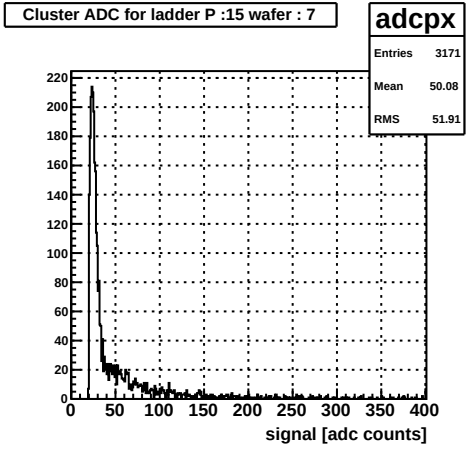

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10313
Mean 30.84
RMS 26.49
signal [adc counts]

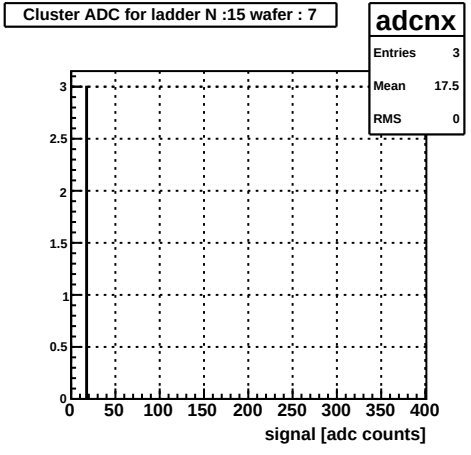

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1290
Mean 32.87
RMS 32.82
signal [adc counts]

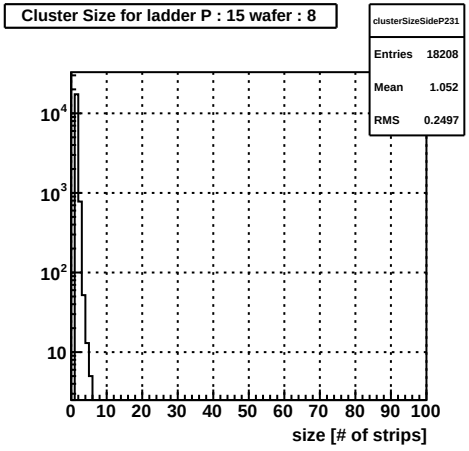

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3171
Mean 1.137
RMS 0.4212
size [# of strips]

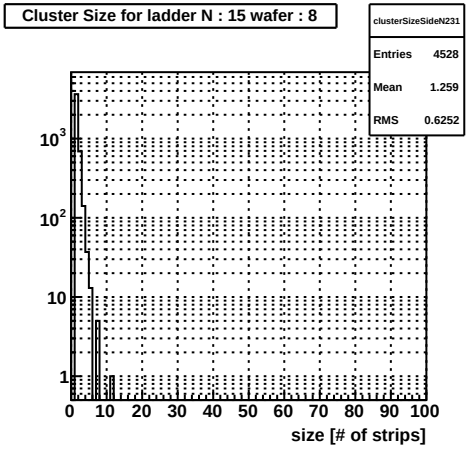

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

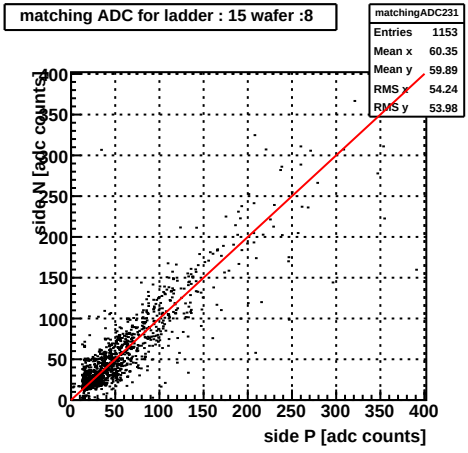

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

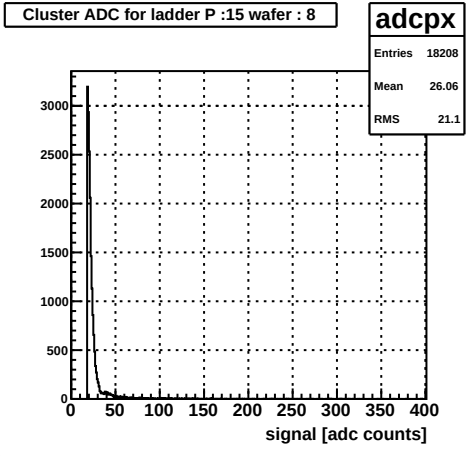

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3171
Mean 50.08
RMS 51.91
signal [adc counts]

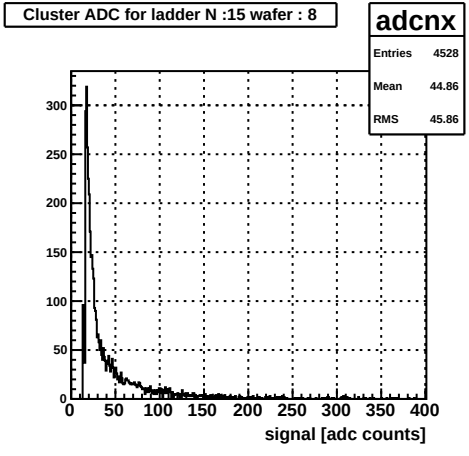

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 17.5
RMS 0
signal [adc counts]

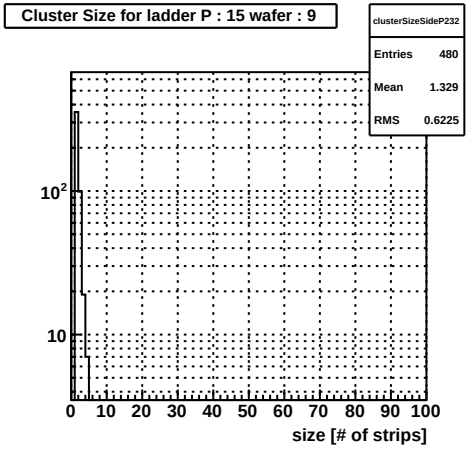

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 18208
Mean 1.052
RMS 0.2497
size [# of strips]

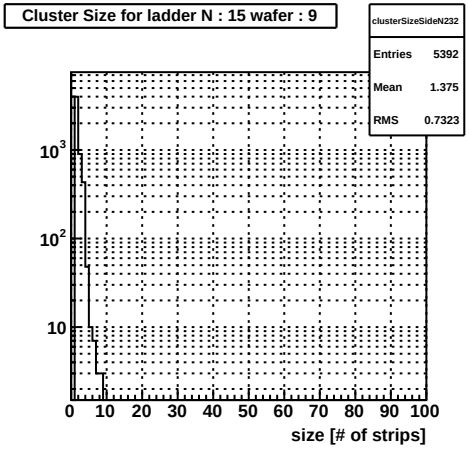

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4528
Mean 1.259
RMS 0.6252
size [# of strips]

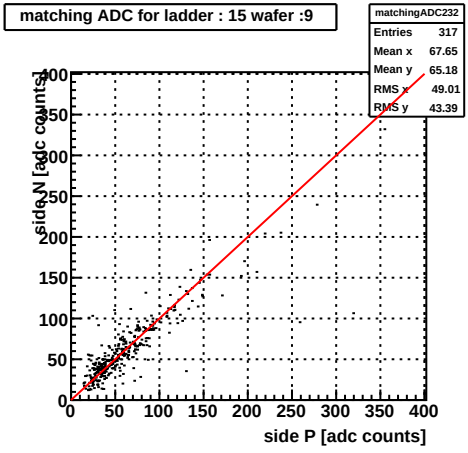

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1153
Mean x 60.35
Mean y 59.89
RMS x 54.24
RMS y 53.98
side N [adc counts]
side P [adc counts]

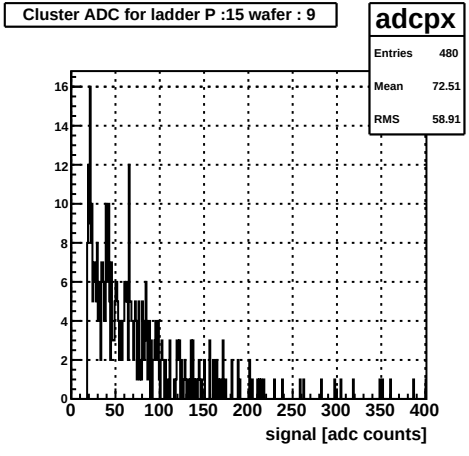

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 18208
Mean 26.06
RMS 21.1
signal [adc counts]

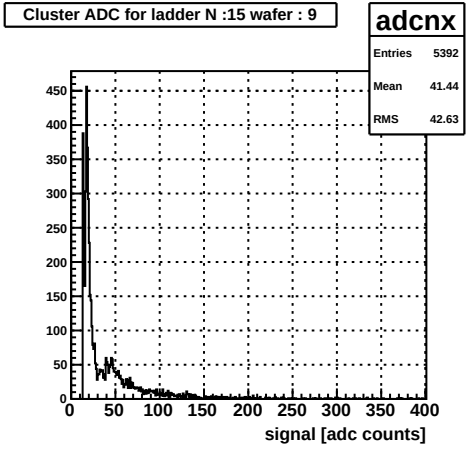

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4528
Mean 44.86
RMS 45.86
signal [adc counts]

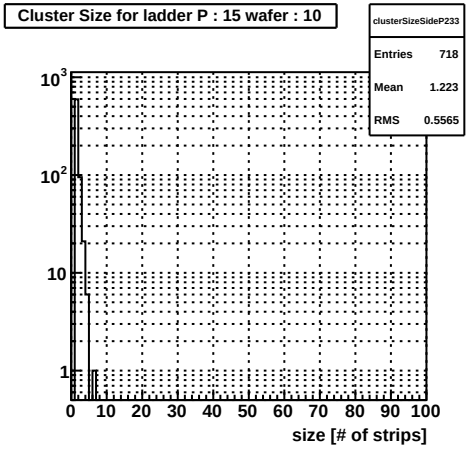

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 480
Mean 1.329
RMS 0.6225
size [# of strips]

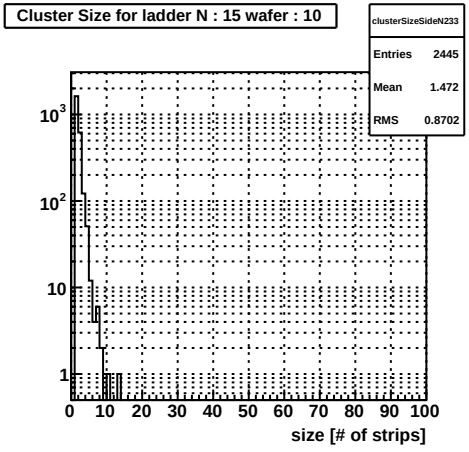

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5392
Mean 1.375
RMS 0.7323
size [# of strips]

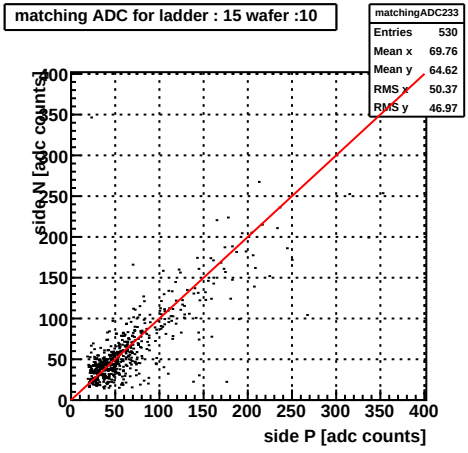

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 317
Mean x 67.65
Mean y 65.18
RMS x 49.01
RMS y 43.39
side N [adc counts]
side P [adc counts]

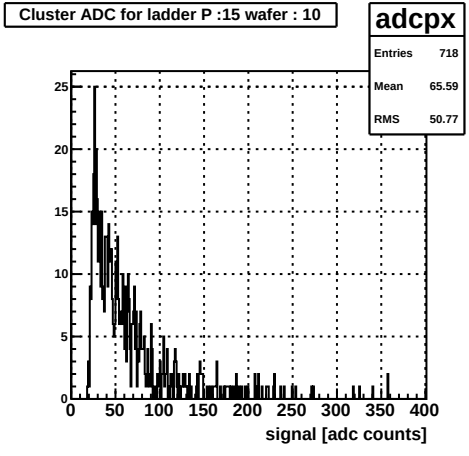

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 480
Mean 72.51
RMS 58.91
signal [adc counts]

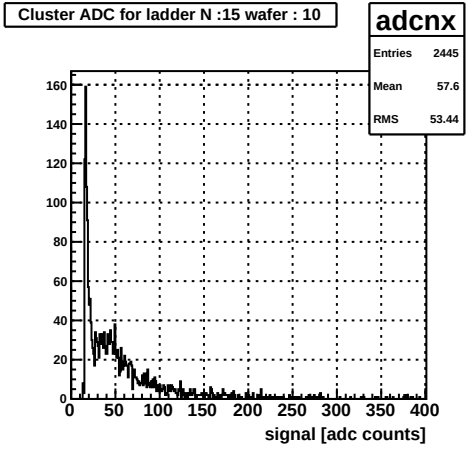

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5392
Mean 41.44
RMS 42.63
signal [adc counts]

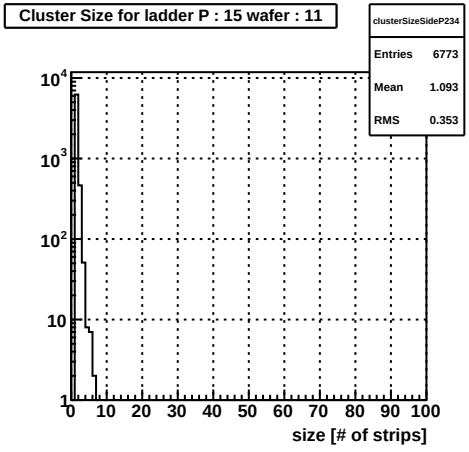

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 718
Mean 1.223
RMS 0.5565
size [# of strips]

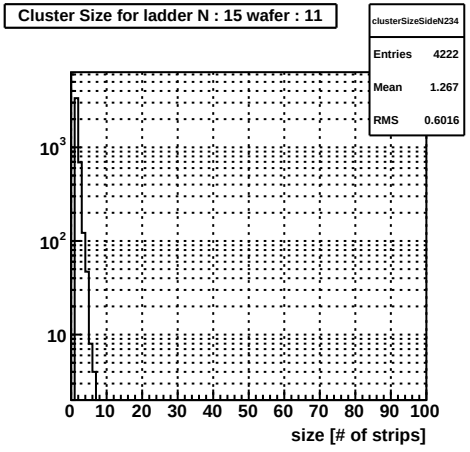

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2445
Mean 1.472
RMS 0.8702
size [# of strips]

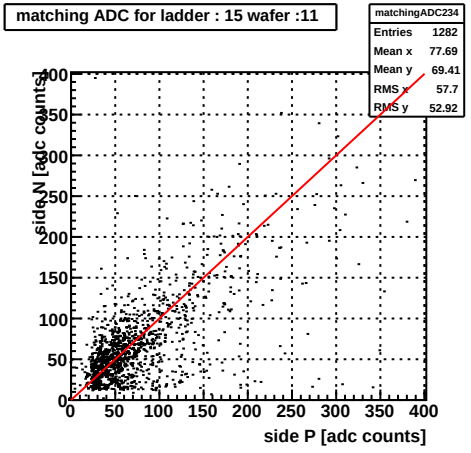

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 530
Mean x 69.76
Mean y 64.62
RMS x 50.37
RMS y 46.97
side N [adc counts]
side P [adc counts]

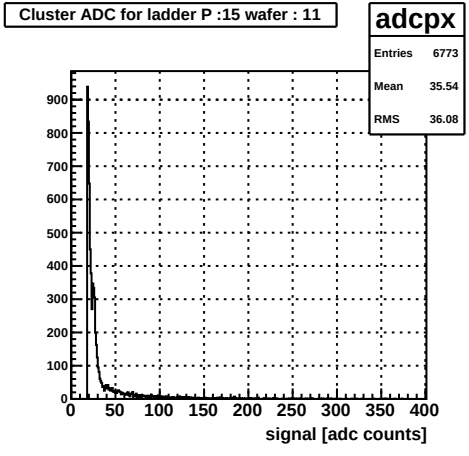

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 718
Mean 65.59
RMS 50.77
signal [adc counts]

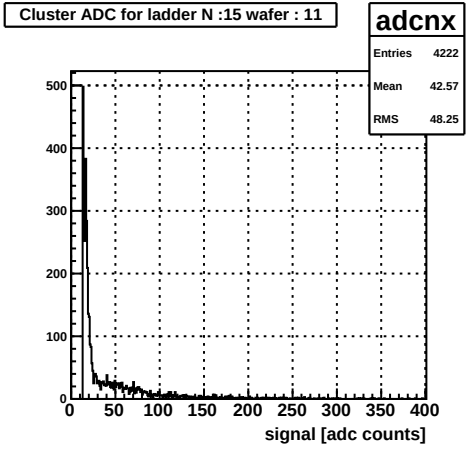

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2445
Mean 57.6
RMS 53.44
signal [adc counts]

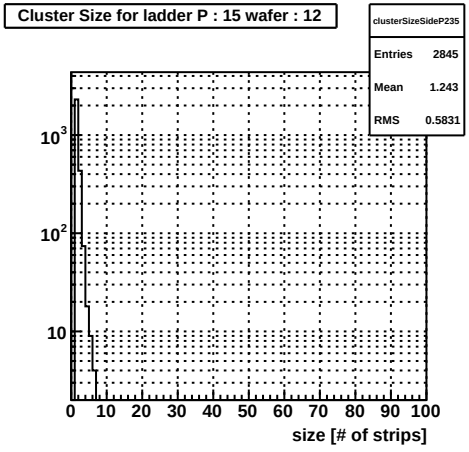

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6773
Mean 1.093
RMS 0.353
size [# of strips]

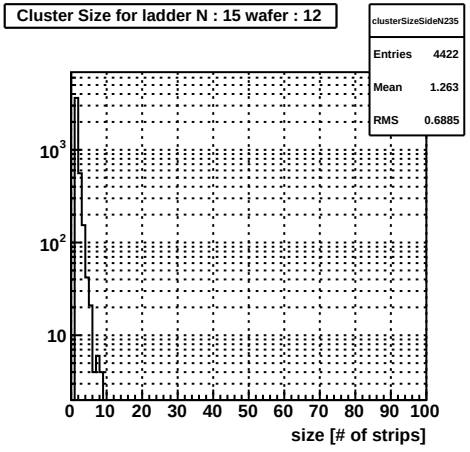

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4222
Mean 1.267
RMS 0.6016
size [# of strips]

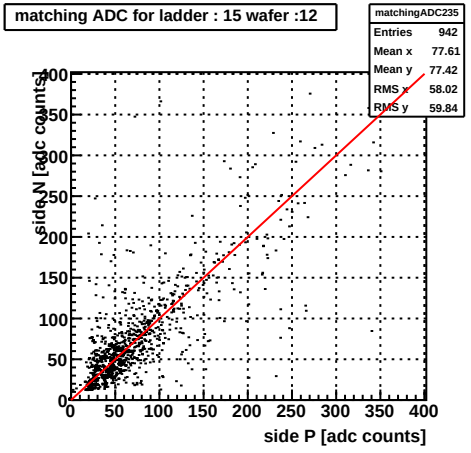

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1282
Mean x 77.69
Mean y 69.41
RMS x 57.7
RMS y 52.92
side N [adc counts]
side P [adc counts]

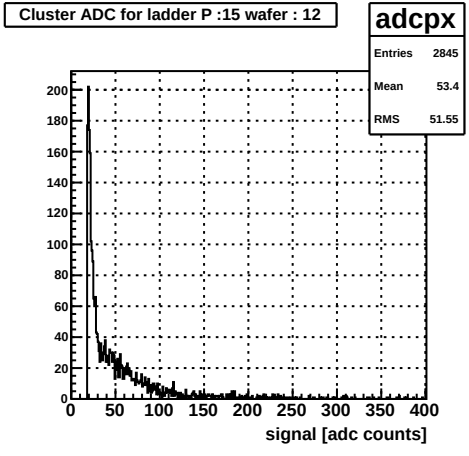

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6773
Mean 35.54
RMS 36.08
signal [adc counts]

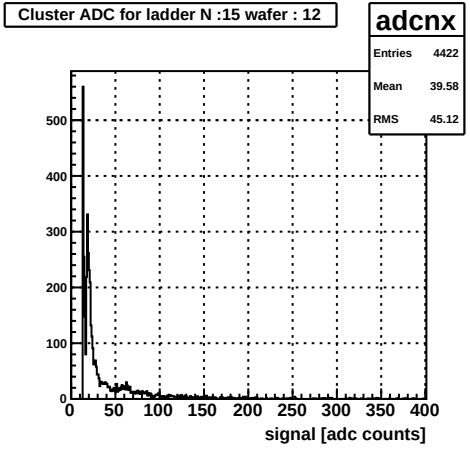

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4222
Mean 42.57
RMS 48.25
signal [adc counts]

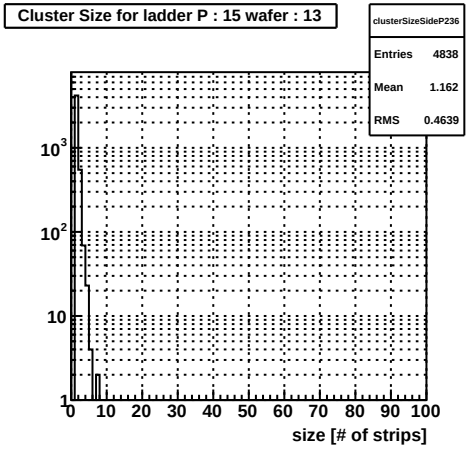

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2845
Mean 1.243
RMS 0.5831
size [# of strips]

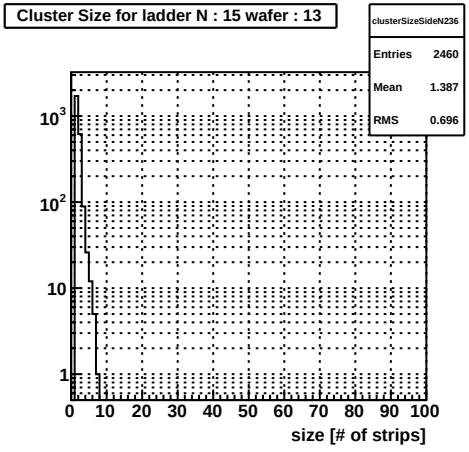

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4422
Mean 1.263
RMS 0.6885
size [# of strips]

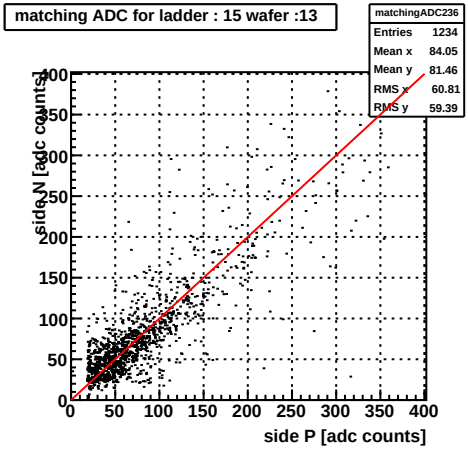

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 942
Mean x 77.61
Mean y 77.42
RMS x 58.02
RMS y 59.84
side N [adc counts]
side P [adc counts]

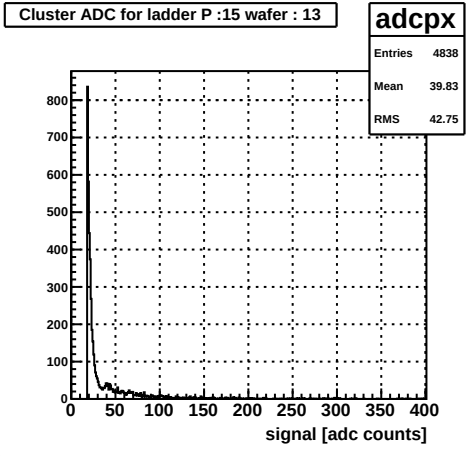

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2845
Mean 53.4
RMS 51.55
signal [adc counts]

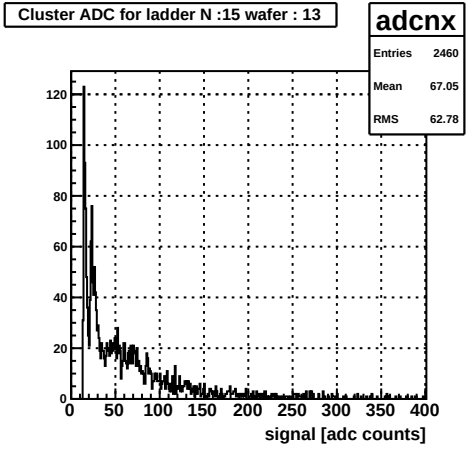

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4422
Mean 39.58
RMS 45.12
signal [adc counts]

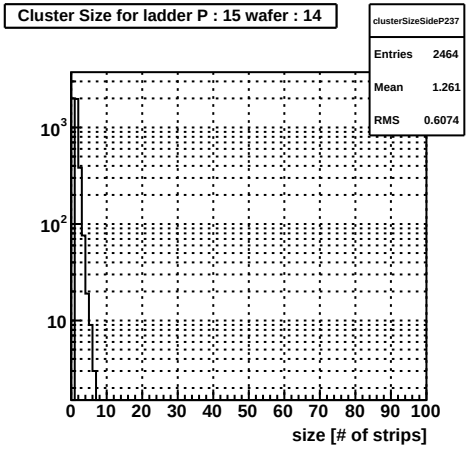

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4838
Mean 1.162
RMS 0.4639
size [# of strips]

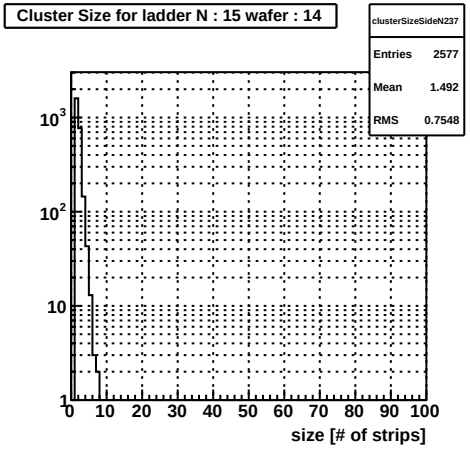

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2460
Mean 1.387
RMS 0.696
size [# of strips]

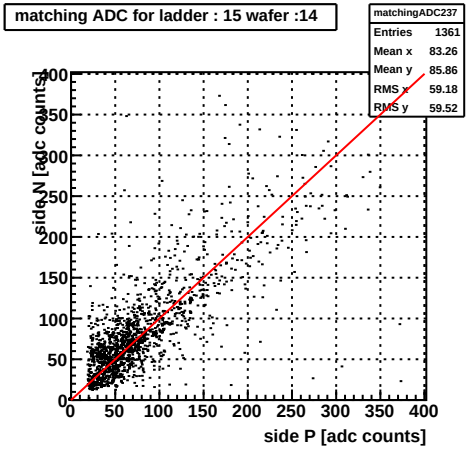

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1234
Mean x 84.05
Mean y 81.46
RMS x 60.81
RMS y 59.39
side N [adc counts]
side P [adc counts]

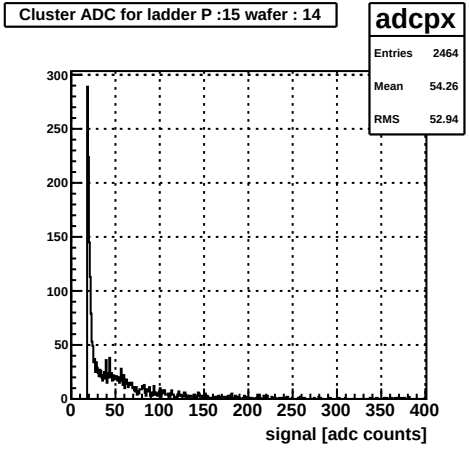

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4838
Mean 39.83
RMS 42.75
signal [adc counts]

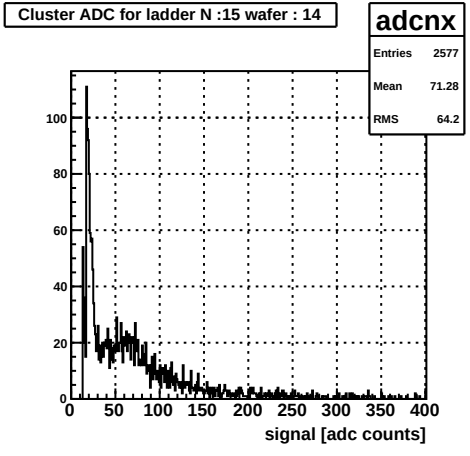

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2460
Mean 67.05
RMS 62.78
signal [adc counts]

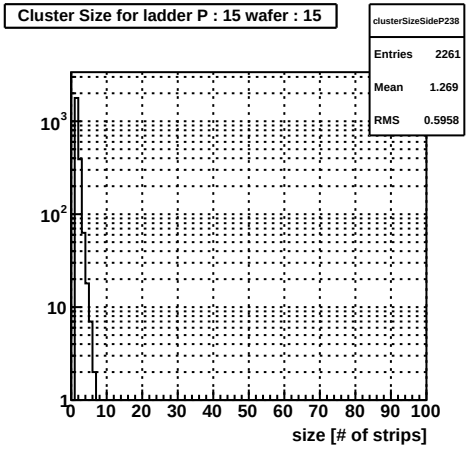

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2464
Mean 1.261
RMS 0.6074
size [# of strips]

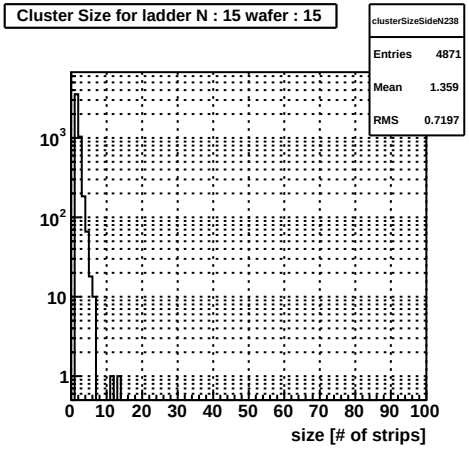

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2577
Mean 1.492
RMS 0.7548
size [# of strips]

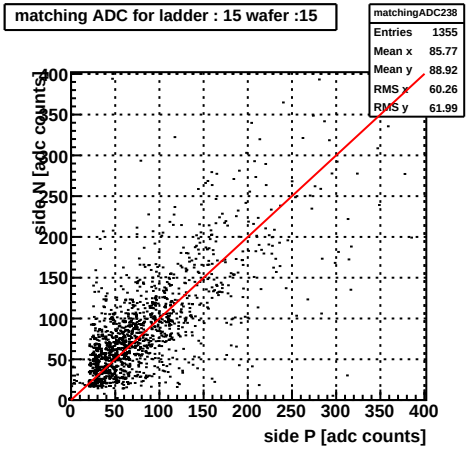

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1361
Mean x 83.26
Mean y 85.86
RMS x 59.18
RMS y 59.52
side N [adc counts]
side P [adc counts]

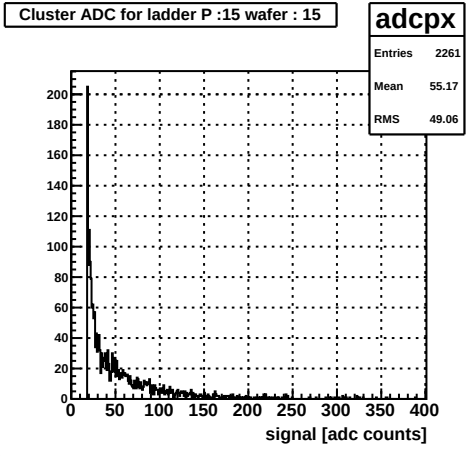

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2464
Mean 54.26
RMS 52.94
signal [adc counts]

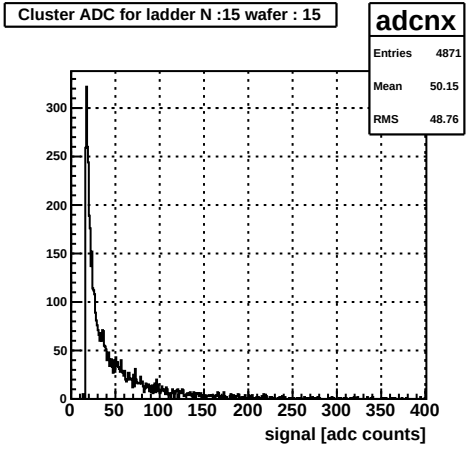

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2577
Mean 71.28
RMS 64.2
signal [adc counts]

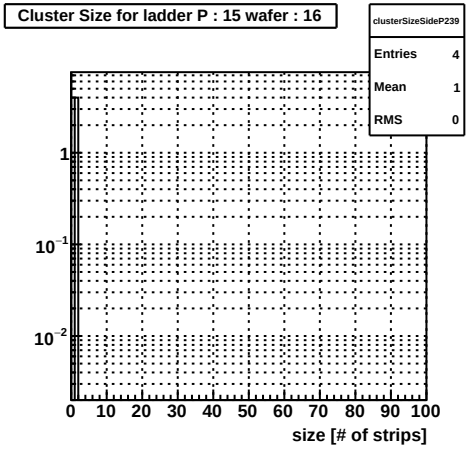

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2261
Mean 1.269
RMS 0.5958
size [# of strips]

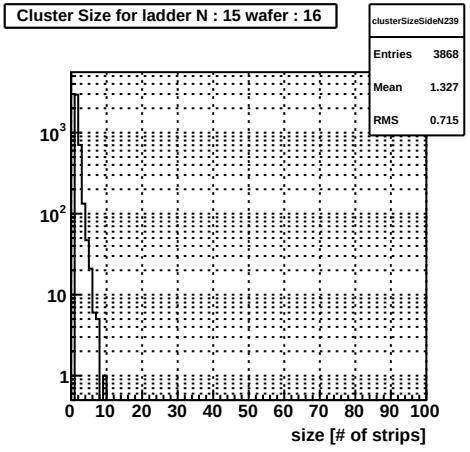

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4871
Mean 1.359
RMS 0.7197
size [# of strips]

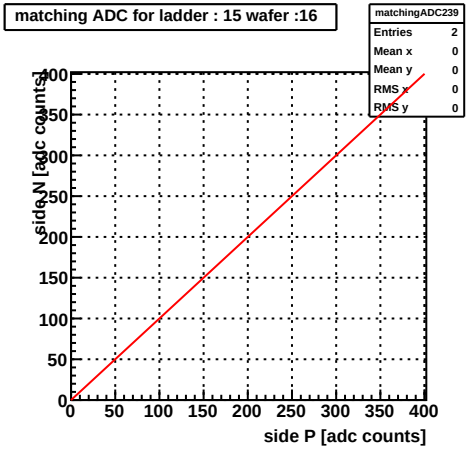

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1355
Mean x 85.77
Mean y 88.92
RMS x 60.26
RMS y 61.99
side N [adc counts]
side P [adc counts]

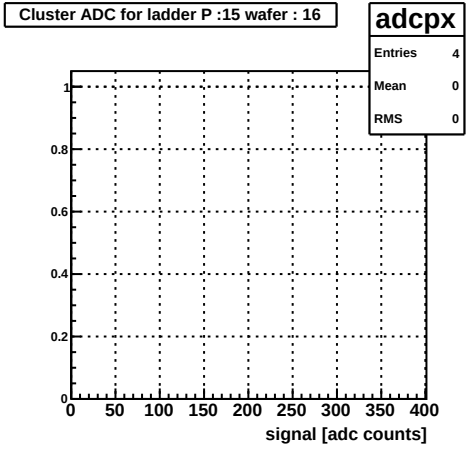

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2261
Mean 55.17
RMS 49.06
signal [adc counts]

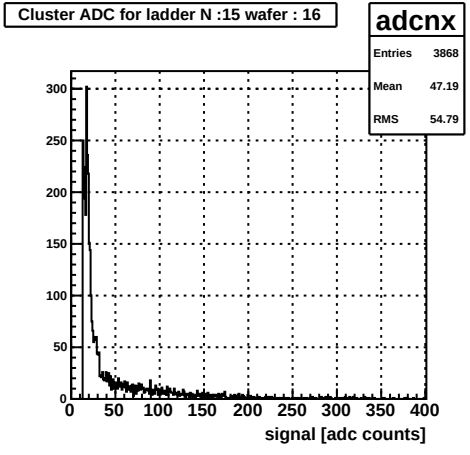

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4871
Mean 50.15
RMS 48.76
signal [adc counts]

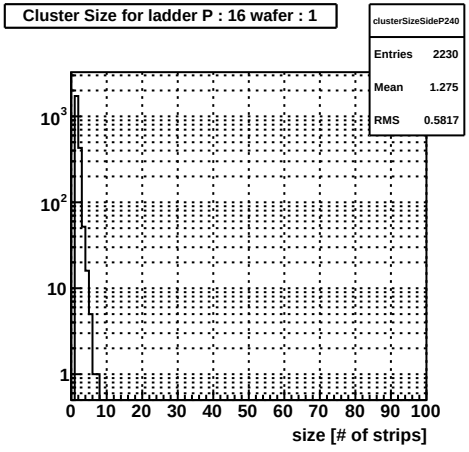

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 4
Mean 1
RMS 0
size [# of strips]

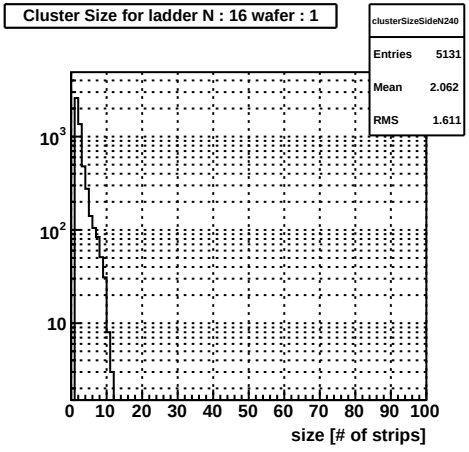

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3868
Mean 1.327
RMS 0.715
size [# of strips]

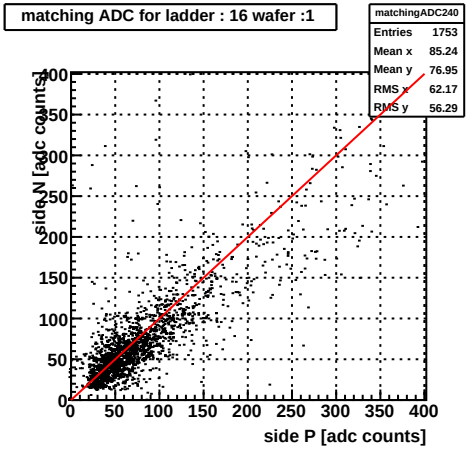

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

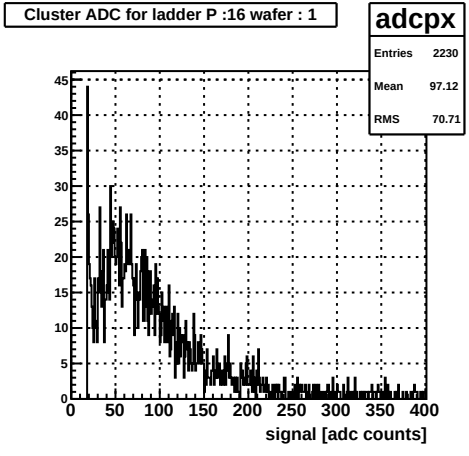

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

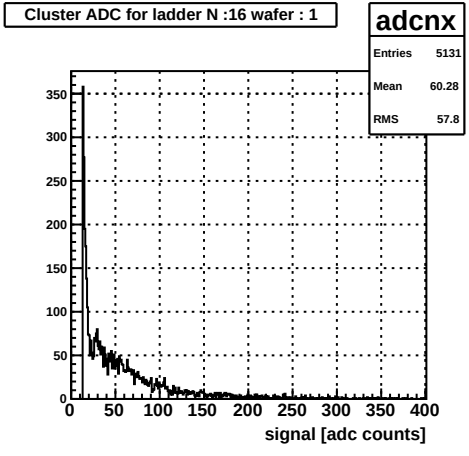

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3868
Mean 47.19
RMS 54.79
signal [adc counts]

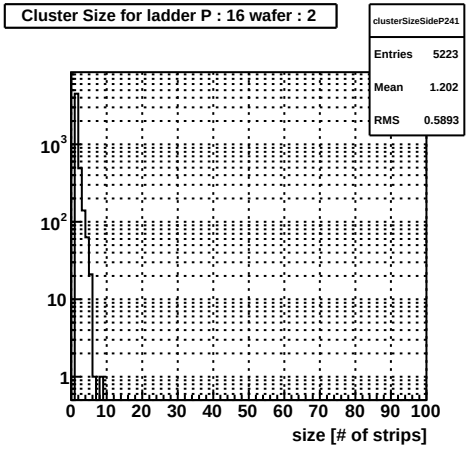

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2230
Mean 1.275
RMS 0.5817
size [# of strips]

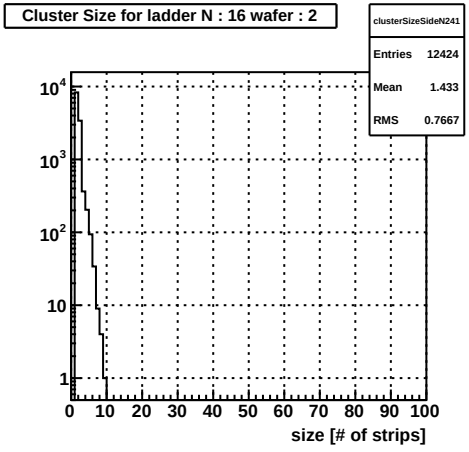

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5131
Mean 2.062
RMS 1.611
size [# of strips]

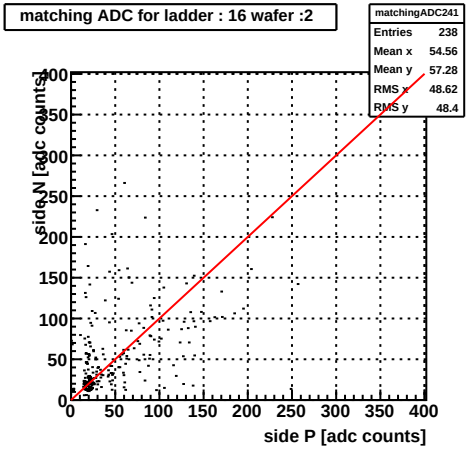

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1753
Mean x 85.24
Mean y 76.95
RMS x 62.17
RMS y 56.29
side N [adc counts]
side P [adc counts]

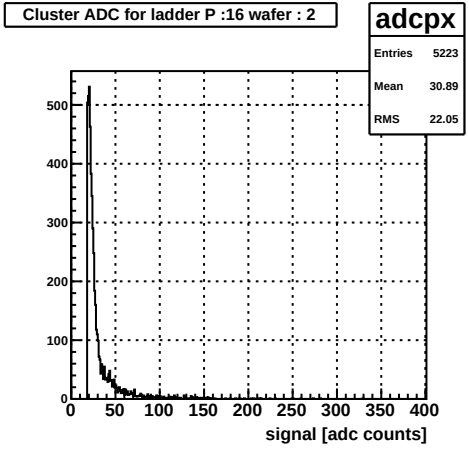

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2230
Mean 97.12
RMS 70.71
signal [adc counts]

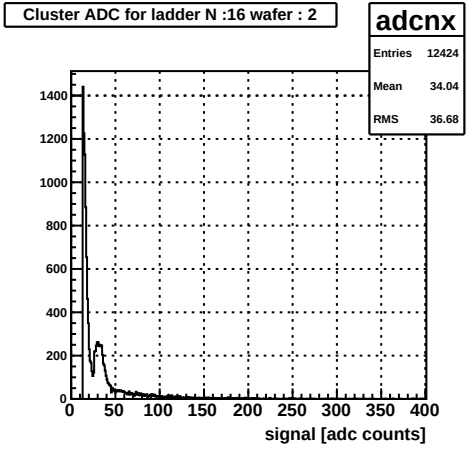

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5131
Mean 60.28
RMS 57.8
signal [adc counts]

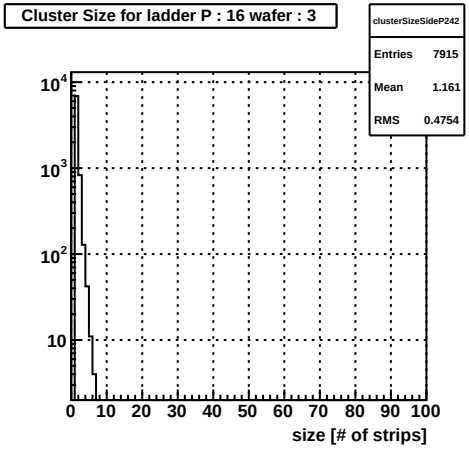

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 5223
Mean 1.202
RMS 0.5893
size [# of strips]

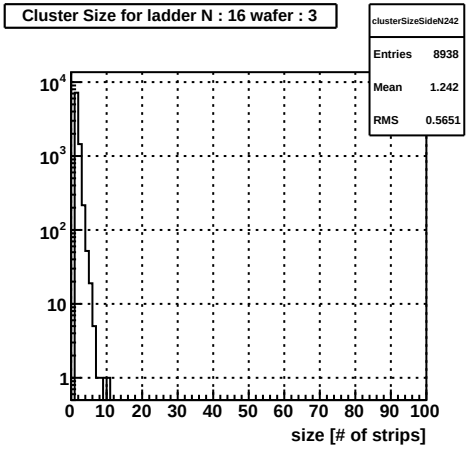

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 12424
Mean 1.433
RMS 0.7667
size [# of strips]

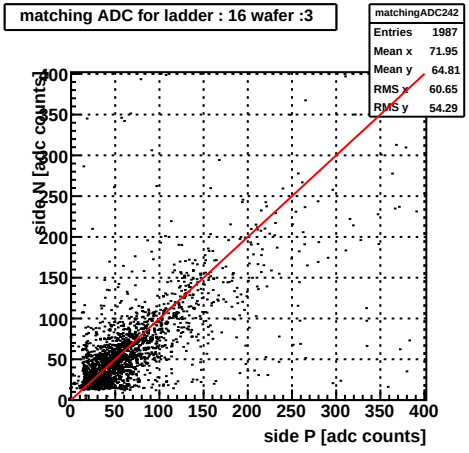

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 238
Mean x 54.56
Mean y 57.28
RMS x 48.62
RMS y 48.4
side N [adc counts]
side P [adc counts]

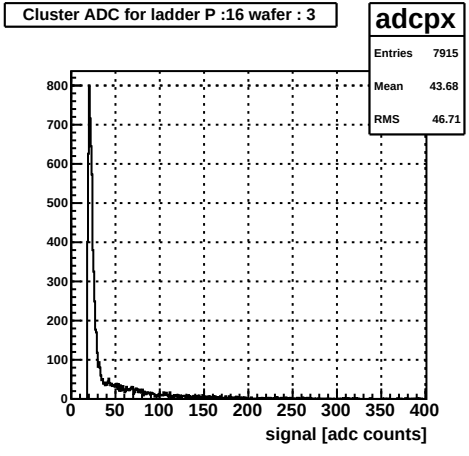

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 5223
Mean 30.89
RMS 22.05
signal [adc counts]

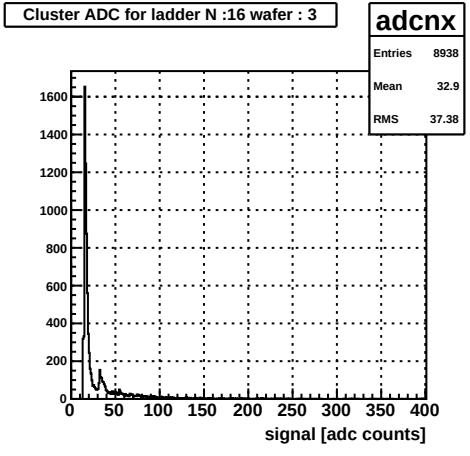

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 12424
Mean 34.04
RMS 36.68
signal [adc counts]

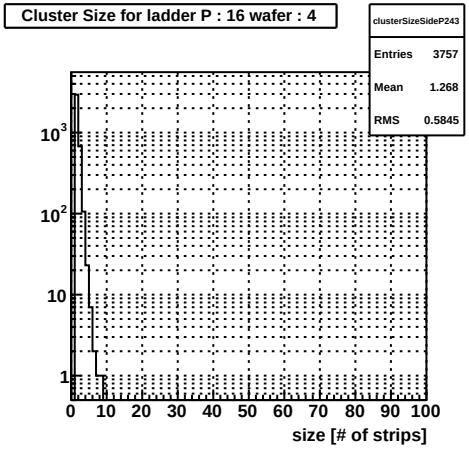

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7915
Mean 1.161
RMS 0.4754
size [# of strips]

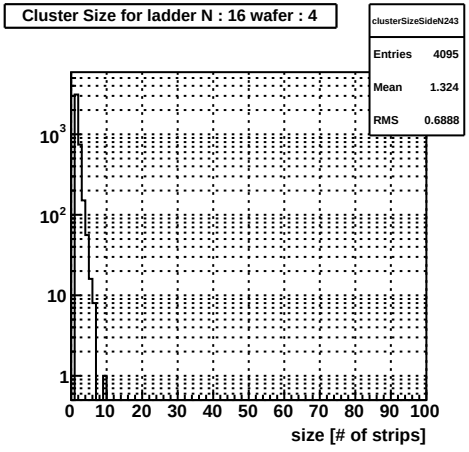

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 8938
Mean 1.242
RMS 0.5651
size [# of strips]

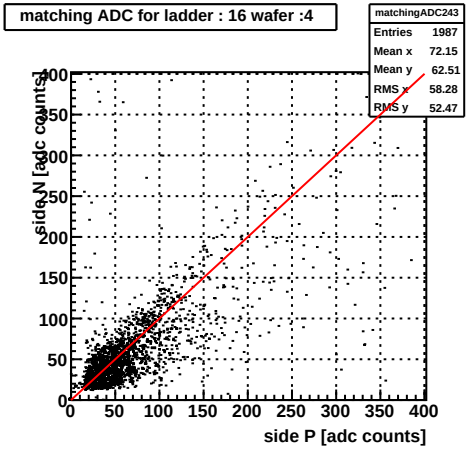

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1987
Mean x 71.95
Mean y 64.81
RMS x 60.65
RMS y 54.29
side N [adc counts]
side P [adc counts]

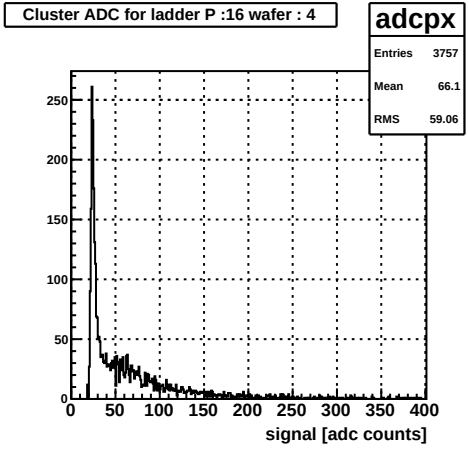

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7915
Mean 43.68
RMS 46.71
signal [adc counts]

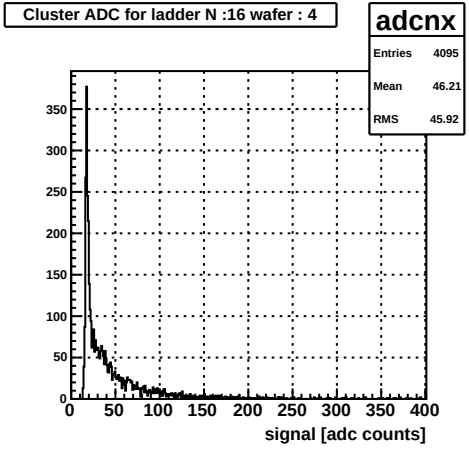

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 8938
Mean 32.9
RMS 37.38
signal [adc counts]

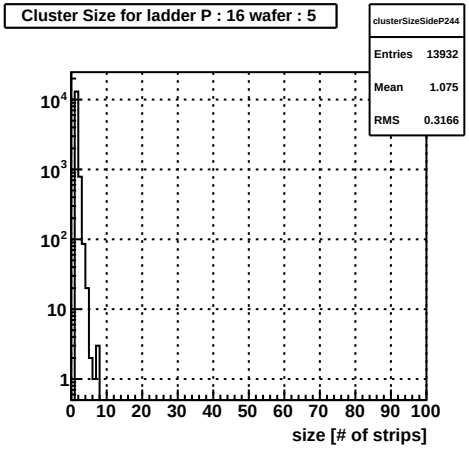

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3757
Mean 1.268
RMS 0.5845
size [# of strips]

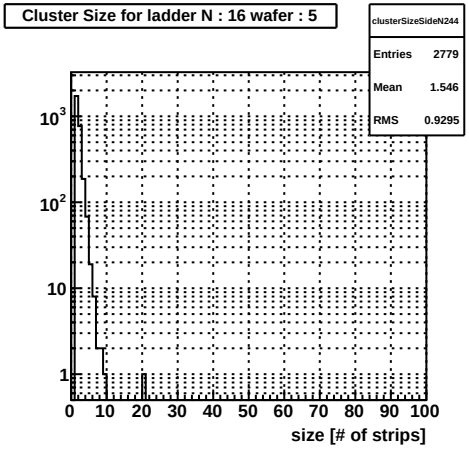

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4095
Mean 1.324
RMS 0.6888
size [# of strips]

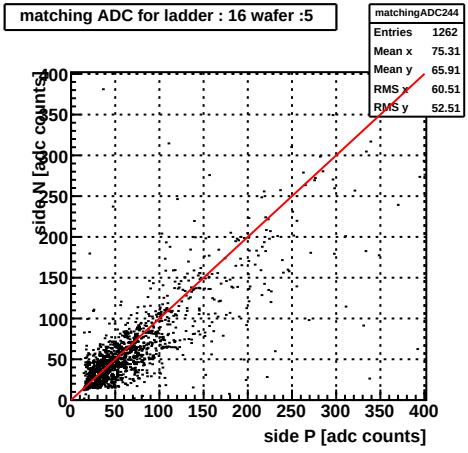

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1987
Mean x 72.15
Mean y 62.51
RMS x 58.28
RMS y 52.47
side N [adc counts]
side P [adc counts]

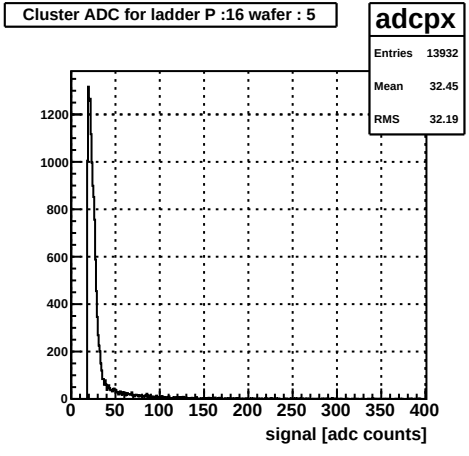

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3757
Mean 66.1
RMS 59.06
signal [adc counts]

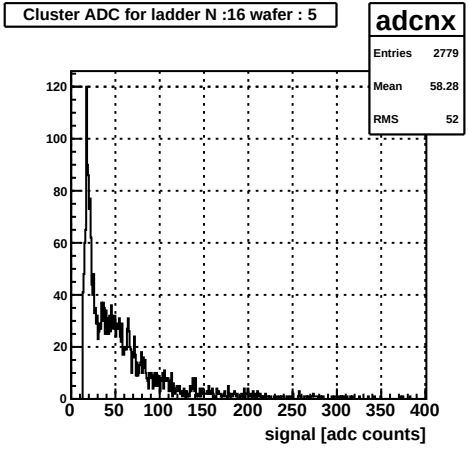

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4095
Mean 46.21
RMS 45.92
signal [adc counts]

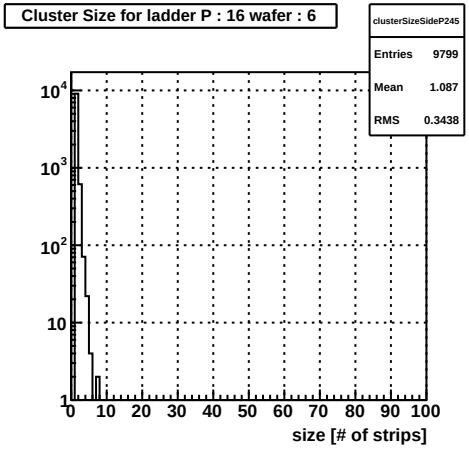

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 13932
Mean 1.075
RMS 0.3166
size [# of strips]

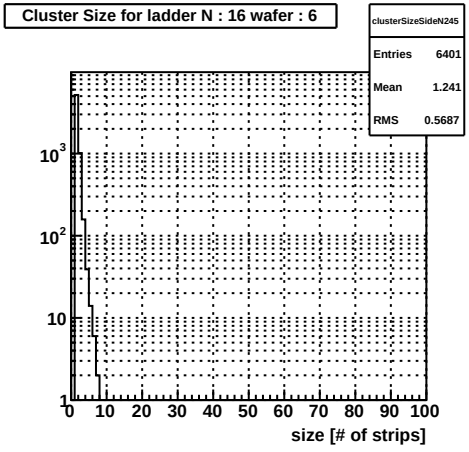

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2779
Mean 1.546
RMS 0.9295
size [# of strips]

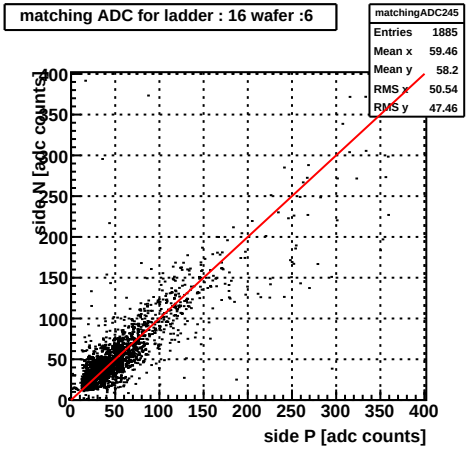

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1262
Mean x 75.31
Mean y 65.91
RMS x 60.51
RMS y 52.51
side N [adc counts]
side P [adc counts]

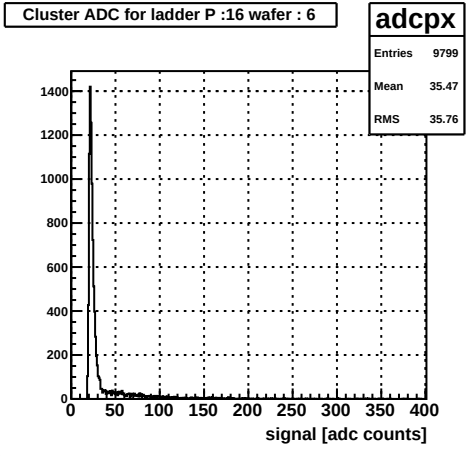

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 13932
Mean 32.45
RMS 32.19
signal [adc counts]

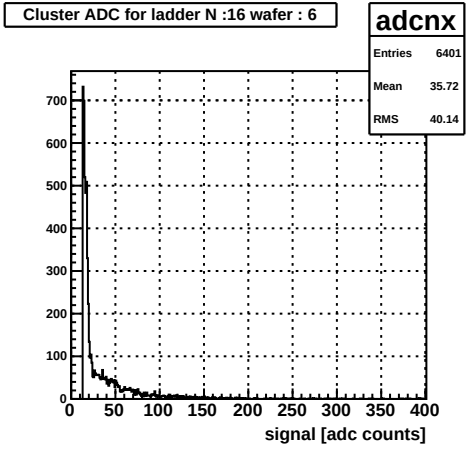

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2779
Mean 58.28
RMS 52
signal [adc counts]

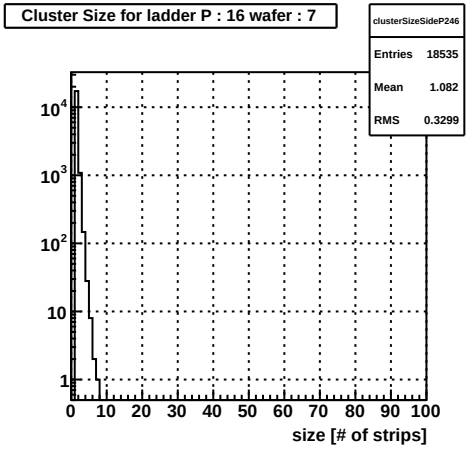

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9799
Mean 1.087
RMS 0.3438
size [# of strips]

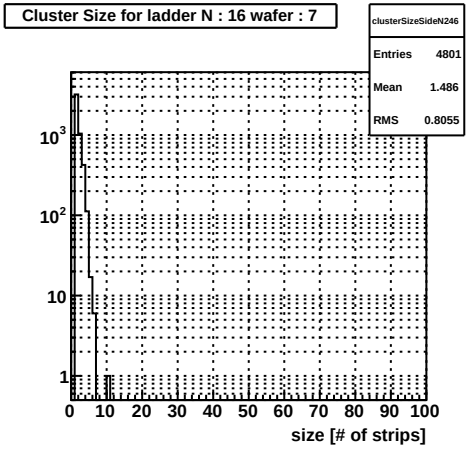

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6401
Mean 1.241
RMS 0.5687
size [# of strips]

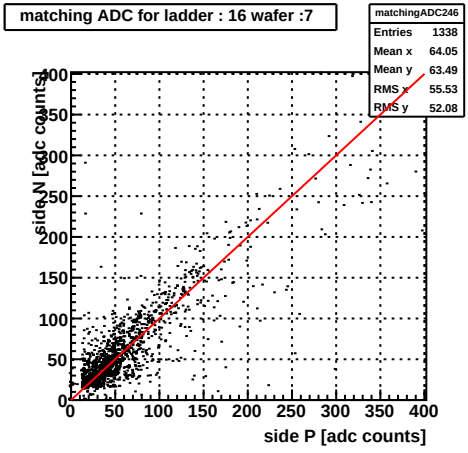

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1885
Mean x 59.46
Mean y 58.2
RMS x 50.54
RMS y 47.46
side N [adc counts]
side P [adc counts]

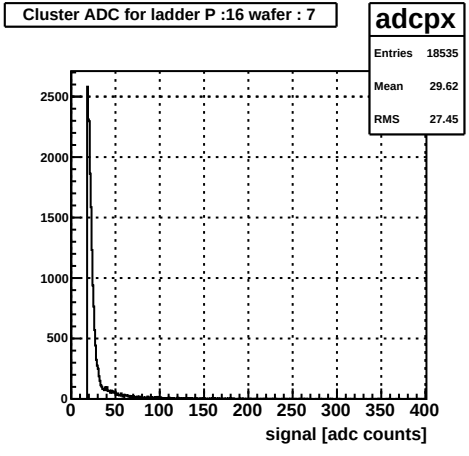

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9799
Mean 35.47
RMS 35.76
signal [adc counts]

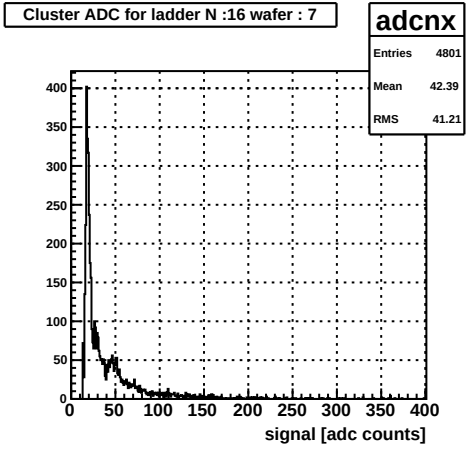

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6401
Mean 35.72
RMS 40.14
signal [adc counts]

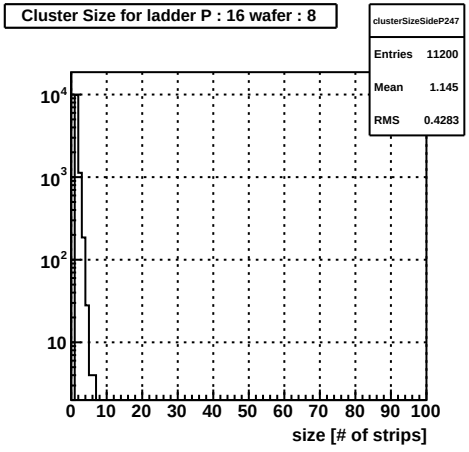

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18535
Mean 1.082
RMS 0.3299
size [# of strips]

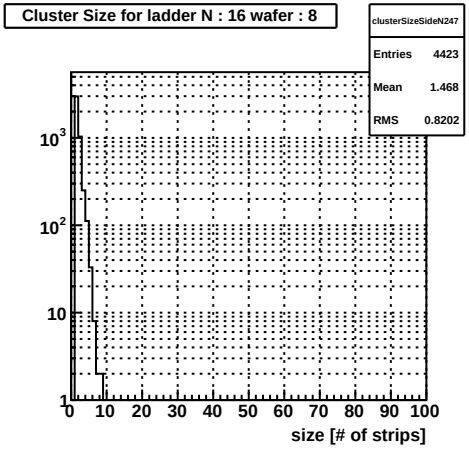

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4801
Mean 1.486
RMS 0.8055
size [# of strips]

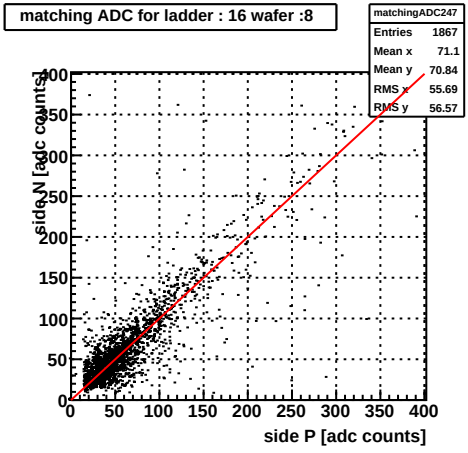

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1338
Mean x 64.05
Mean y 63.49
RMS x 55.53
RMS y 52.08
side N [adc counts]
side P [adc counts]

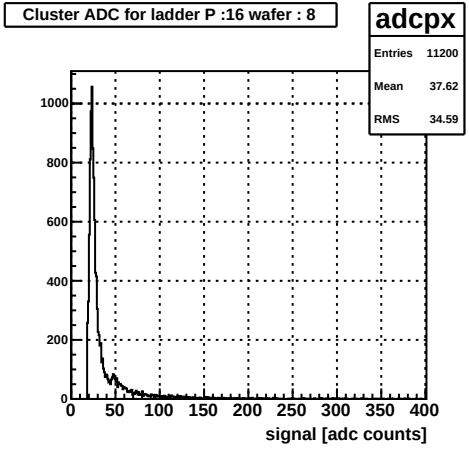

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18535
Mean 29.62
RMS 27.45
signal [adc counts]

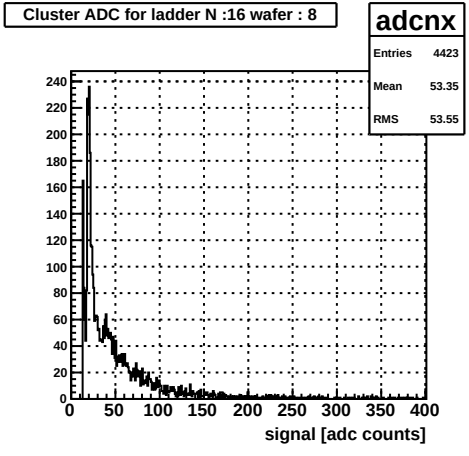

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4801
Mean 42.39
RMS 41.21
signal [adc counts]

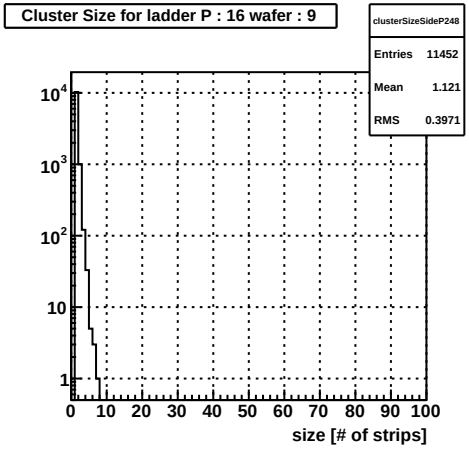

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 11200
Mean 1.145
RMS 0.4283
size [# of strips]

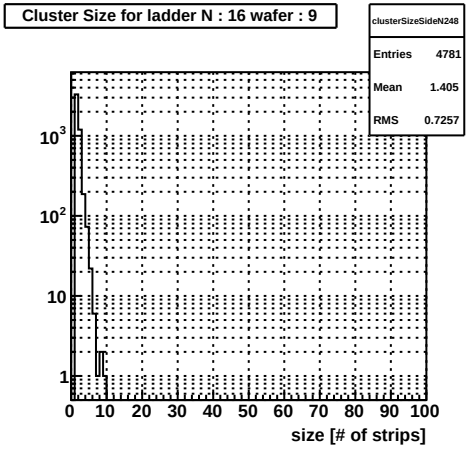

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4423
Mean 1.468
RMS 0.8202
size [# of strips]

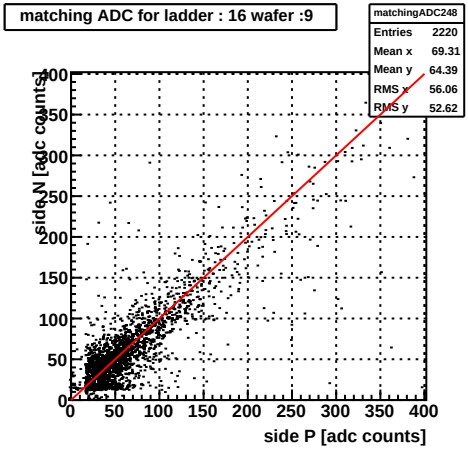

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1867
Mean x 71.1
Mean y 70.84
RMS x 55.69
RMS y 56.57
side N [adc counts]
side P [adc counts]

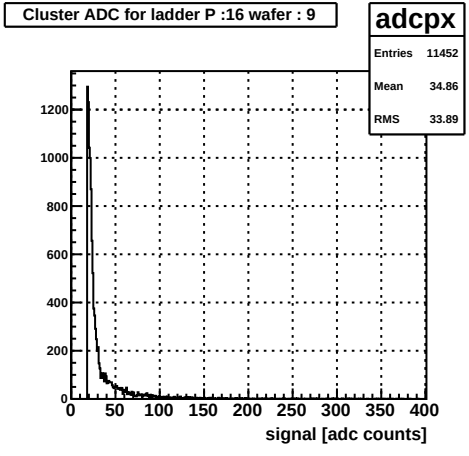

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 11200
Mean 37.62
RMS 34.59
signal [adc counts]

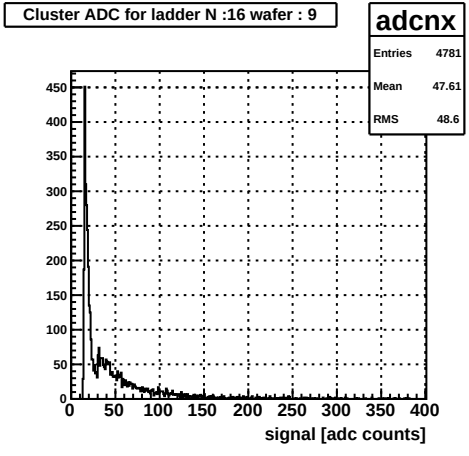

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4423
Mean 53.35
RMS 53.55
signal [adc counts]

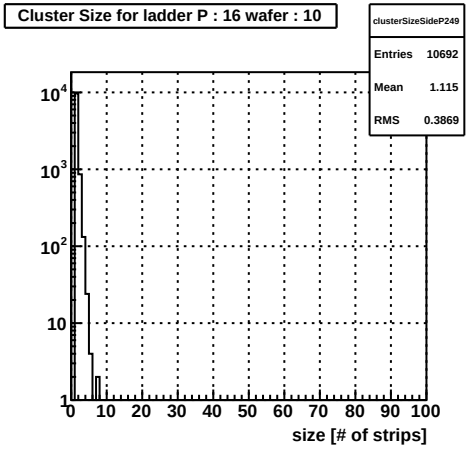

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11452
Mean 1.121
RMS 0.3971
size [# of strips]

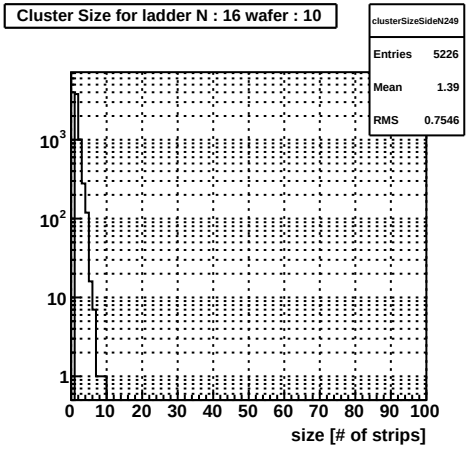

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4781
Mean 1.405
RMS 0.7257
size [# of strips]

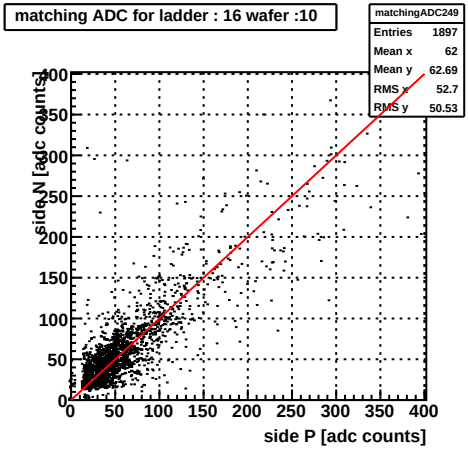

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2220
Mean x 69.31
Mean y 64.39
RMS x 56.06
RMS y 52.62
side N [adc counts]
side P [adc counts]

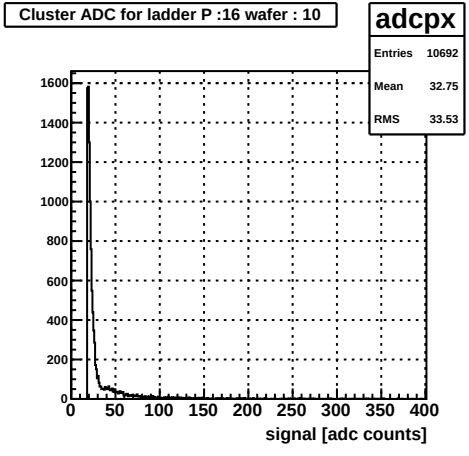

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11452
Mean 34.86
RMS 33.89
signal [adc counts]

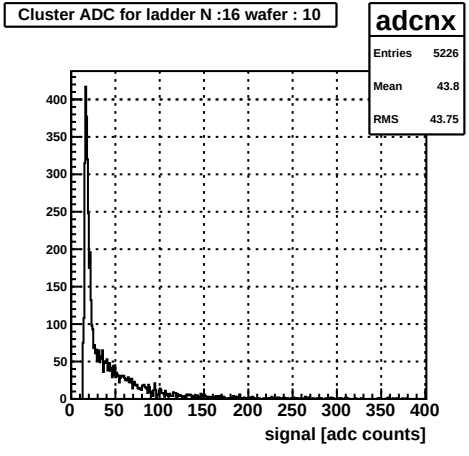

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4781
Mean 47.61
RMS 48.6
signal [adc counts]

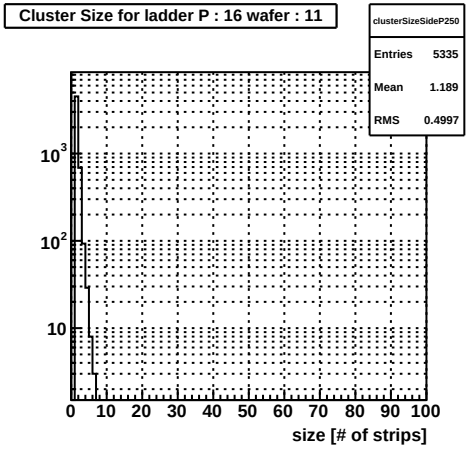

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10692
Mean 1.115
RMS 0.3869
size [# of strips]

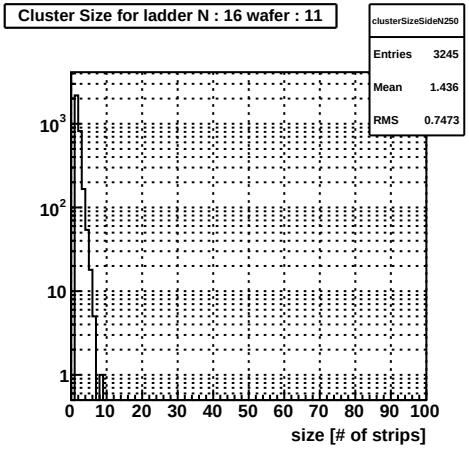

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5226
Mean 1.39
RMS 0.7546
size [# of strips]

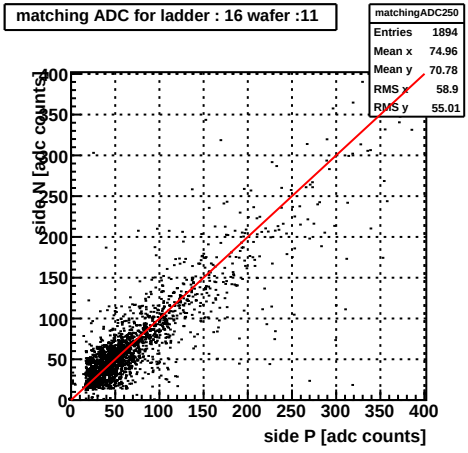

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1897
Mean x 62
Mean y 62.69
RMS x 52.7
RMS y 50.53
side N [adc counts]
side P [adc counts]

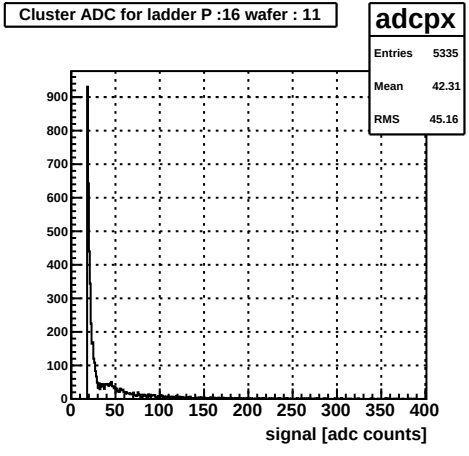

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10692
Mean 32.75
RMS 33.53
signal [adc counts]

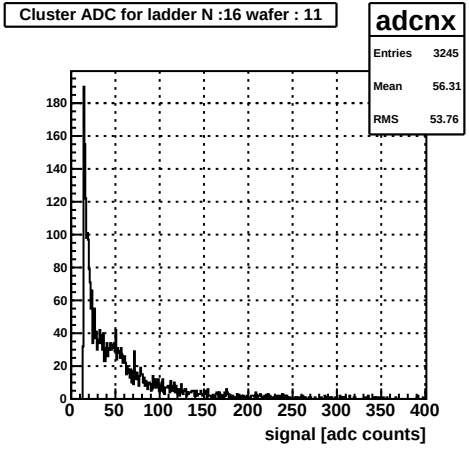

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5226
Mean 43.8
RMS 43.75
signal [adc counts]

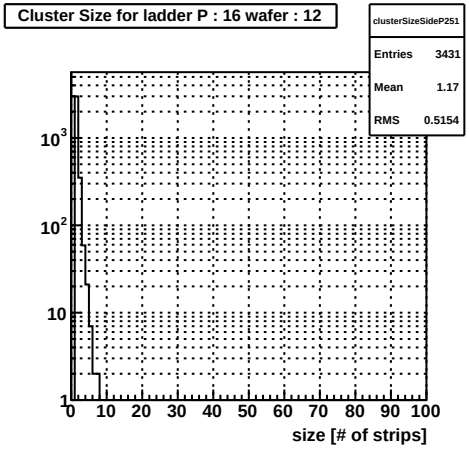

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5335
Mean 1.189
RMS 0.4997
size [# of strips]

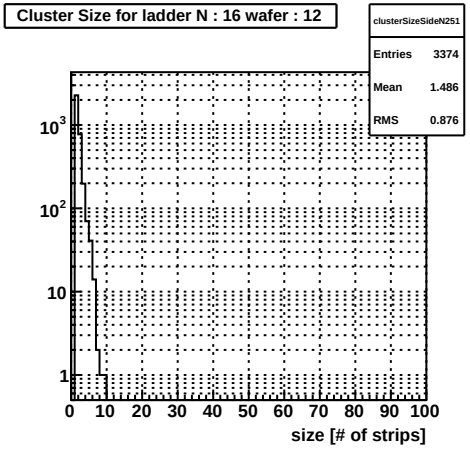

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3245
Mean 1.436
RMS 0.7473
size [# of strips]

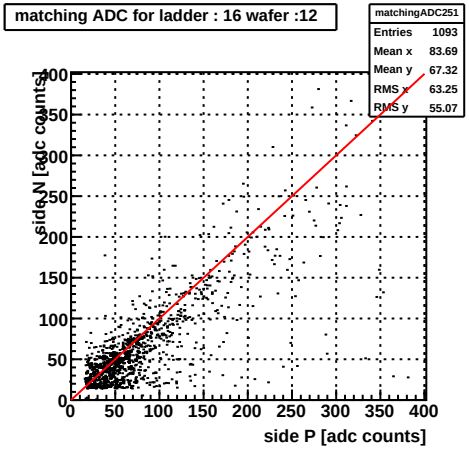

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1894
Mean x 74.96
Mean y 70.78
RMS x 58.9
RMS y 55.01
side N [adc counts]
side P [adc counts]

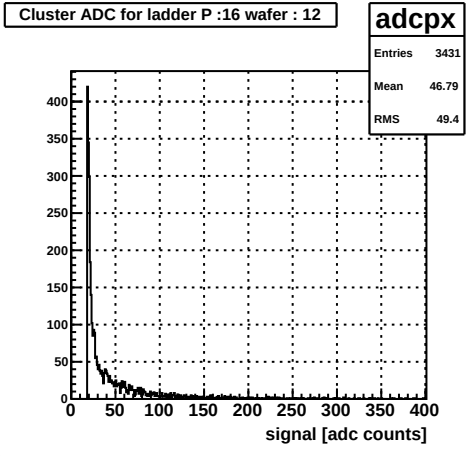

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5335
Mean 42.31
RMS 45.16
signal [adc counts]

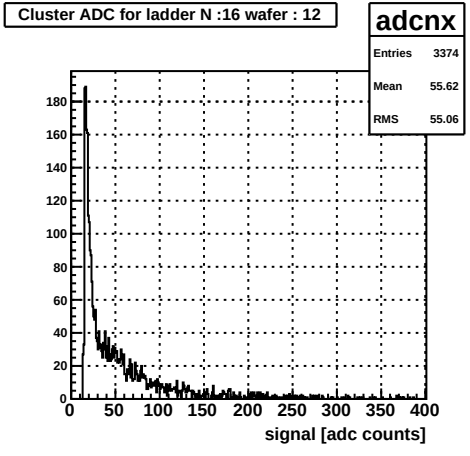

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3245
Mean 56.31
RMS 53.76
signal [adc counts]

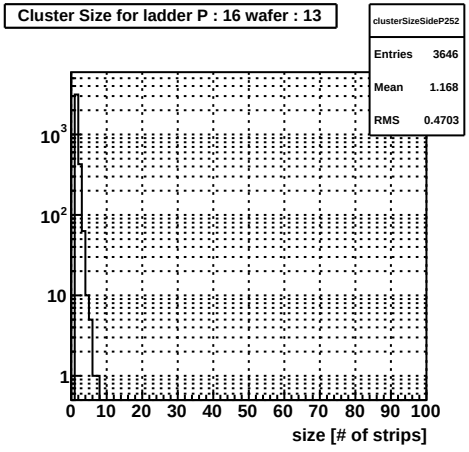

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3431
Mean 1.17
RMS 0.5154
size [# of strips]

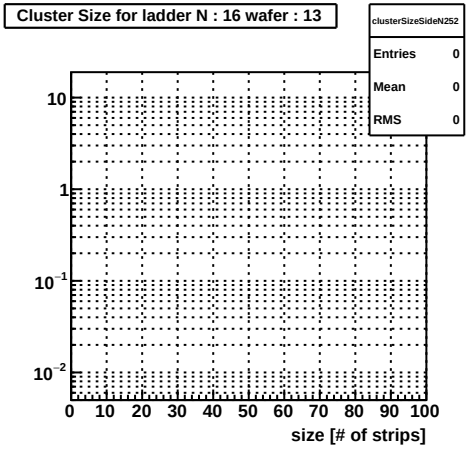

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3374
Mean 1.486
RMS 0.876
size [# of strips]

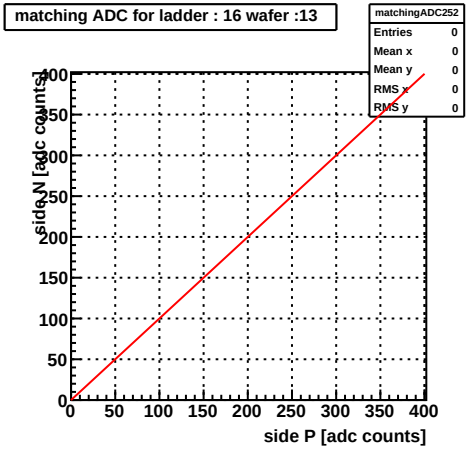

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1093
Mean x 83.69
Mean y 67.32
RMS x 63.25
RMS y 55.07
side N [adc counts]
side P [adc counts]

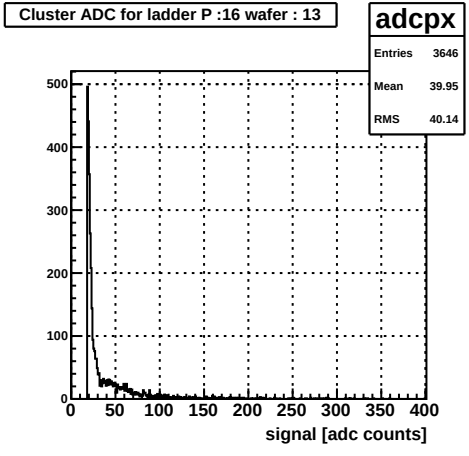

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3431
Mean 46.79
RMS 49.4
signal [adc counts]

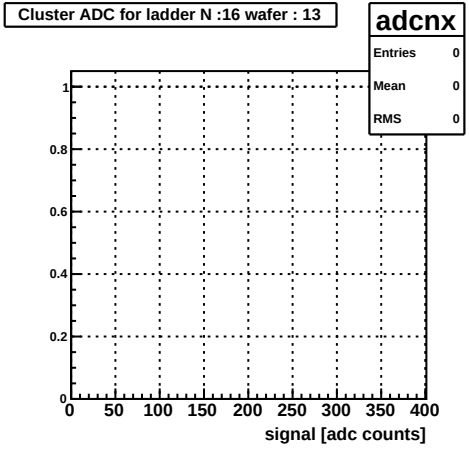

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3374
Mean 55.62
RMS 55.06
signal [adc counts]

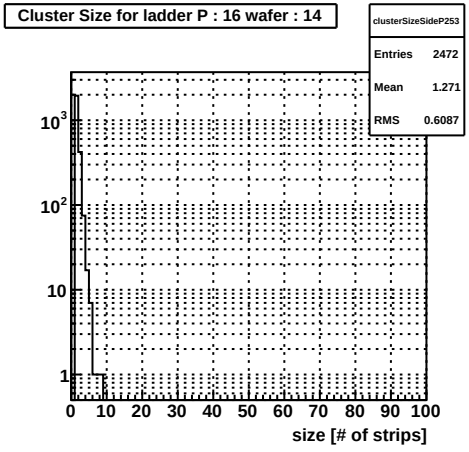

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3646
Mean 1.168
RMS 0.4703
size [# of strips]

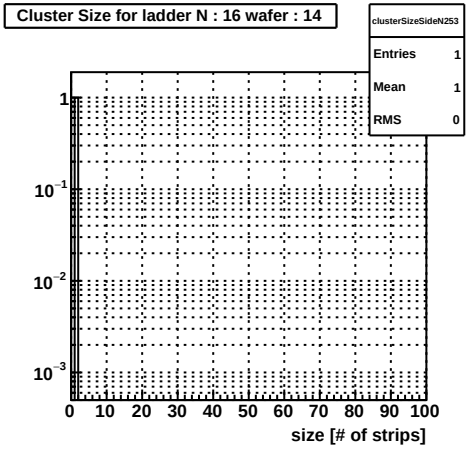

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

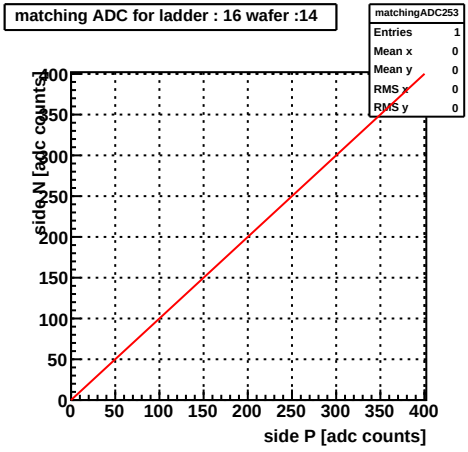

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

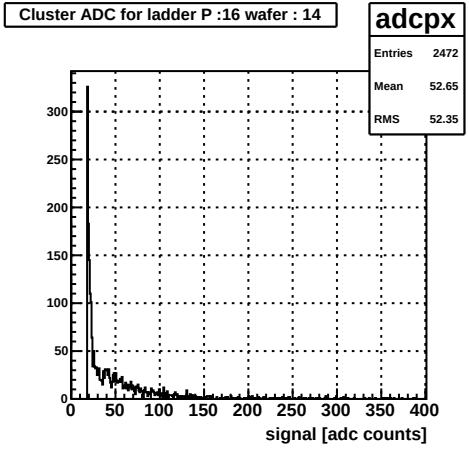

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3646
Mean 39.95
RMS 40.14
signal [adc counts]

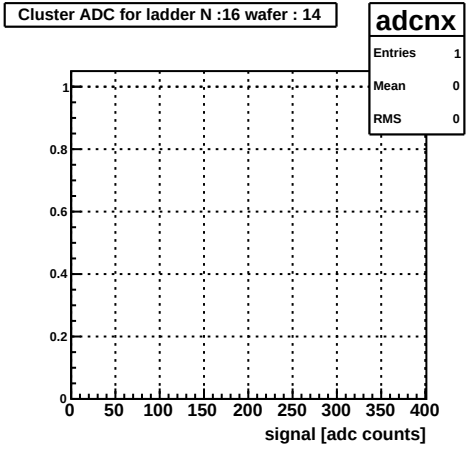

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

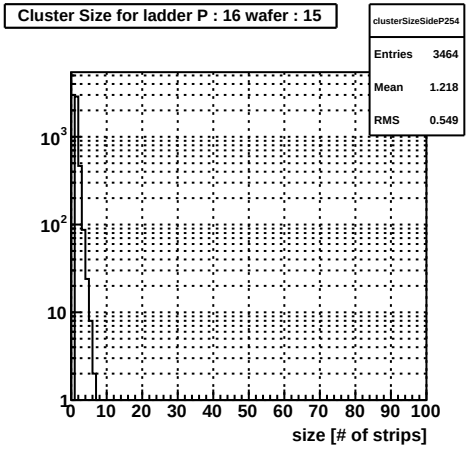

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2472
Mean 1.271
RMS 0.6087
size [# of strips]

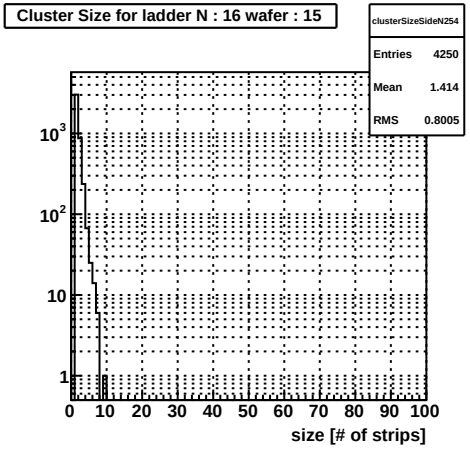

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

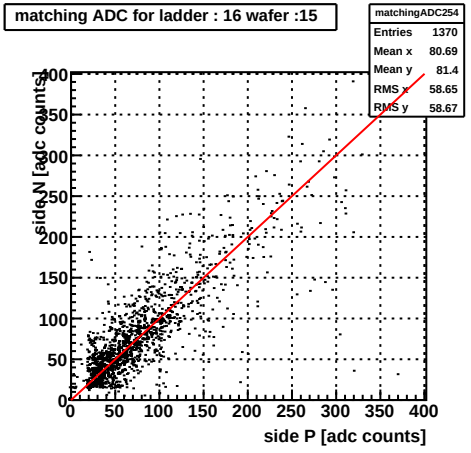

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

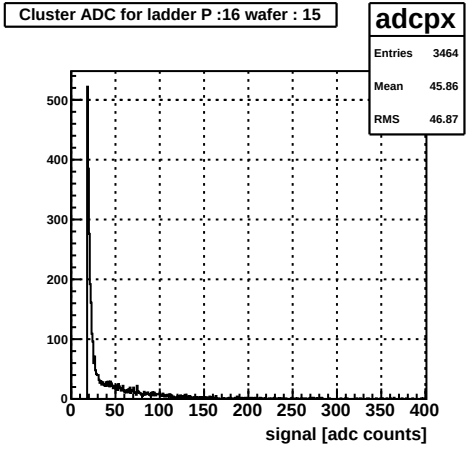

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2472
Mean 52.65
RMS 52.35
signal [adc counts]

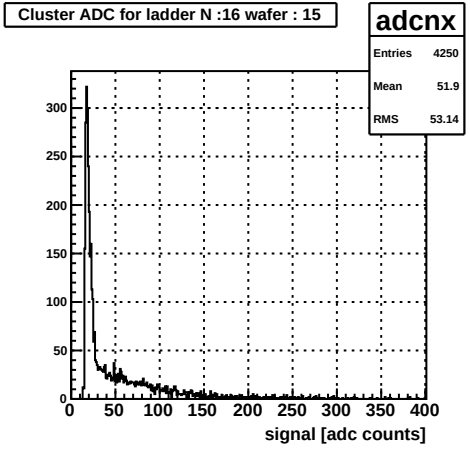

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

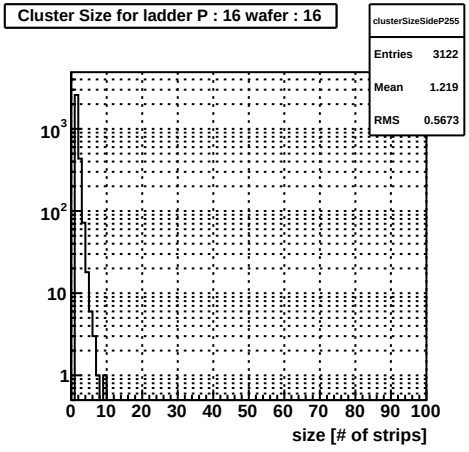

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3464
Mean 1.218
RMS 0.549
size [# of strips]

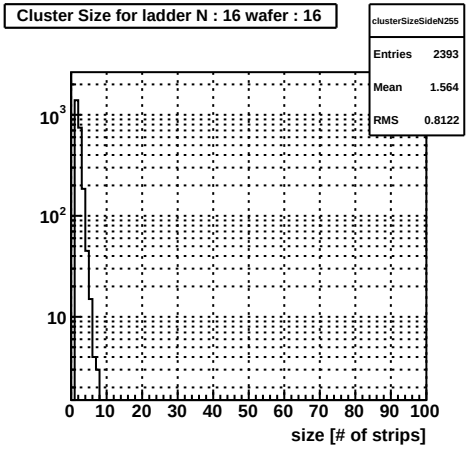

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4250
Mean 1.414
RMS 0.8005
size [# of strips]

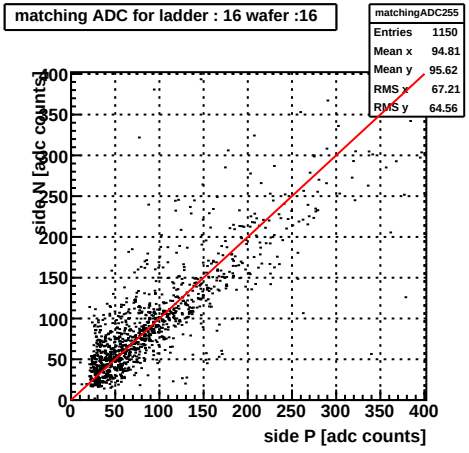

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1370
Mean x 80.69
Mean y 81.4
RMS x 58.65
RMS y 58.67
side N [adc counts]
side P [adc counts]

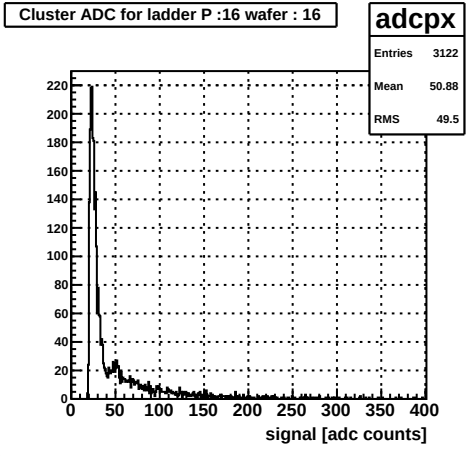

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3464
Mean 45.86
RMS 46.87
signal [adc counts]

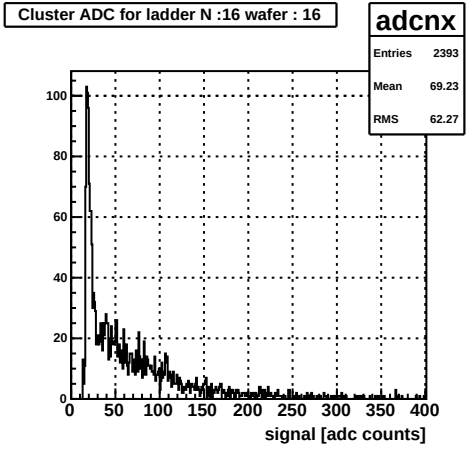

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4250
Mean 51.9
RMS 53.14
signal [adc counts]

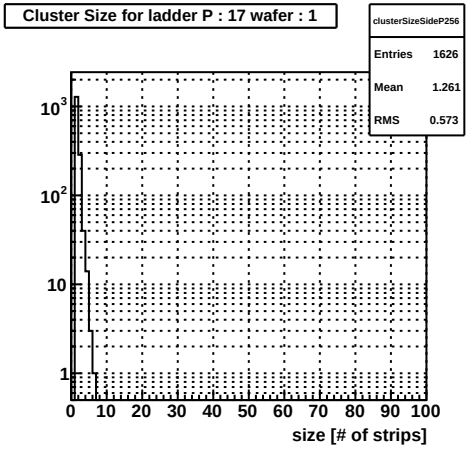

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3122
Mean 1.219
RMS 0.5673
size [# of strips]

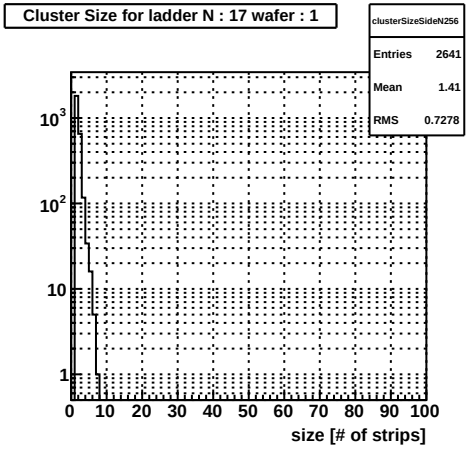

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2393
Mean 1.564
RMS 0.8122
size [# of strips]

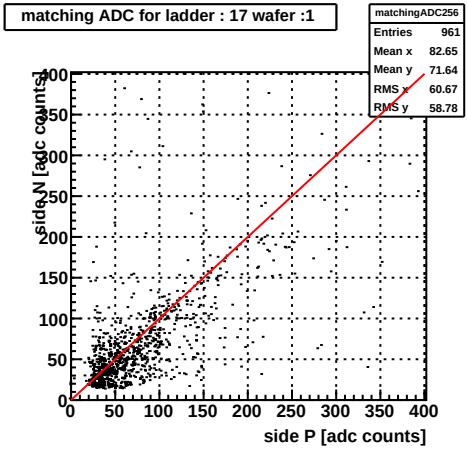

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1150
Mean x 94.81
Mean y 95.62
RMS x 67.21
RMS y 64.56
side N [adc counts]
side P [adc counts]

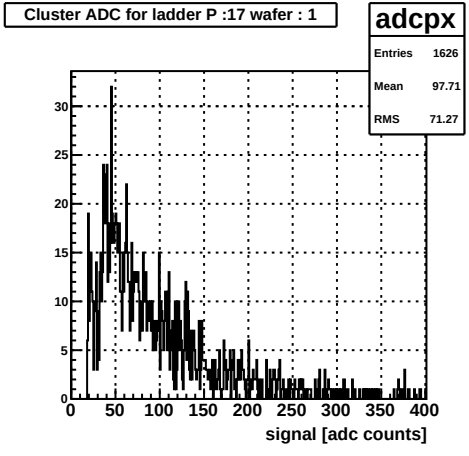

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3122
Mean 50.88
RMS 49.5
signal [adc counts]

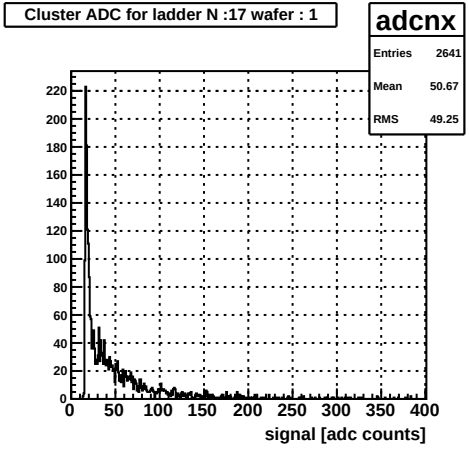

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2393
Mean 69.23
RMS 62.27
signal [adc counts]

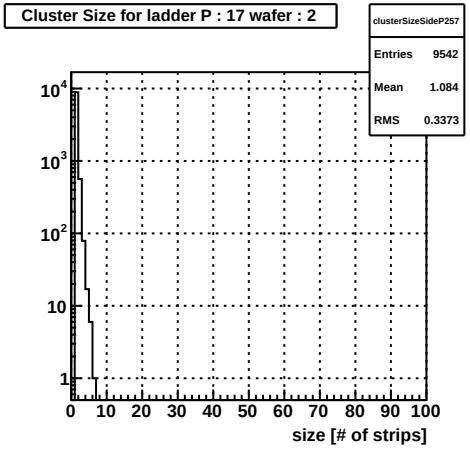

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1626
Mean 1.261
RMS 0.573
size [# of strips]

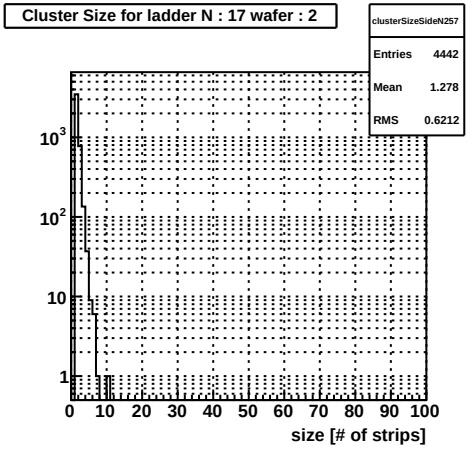

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2641
Mean 1.41
RMS 0.7278
size [# of strips]

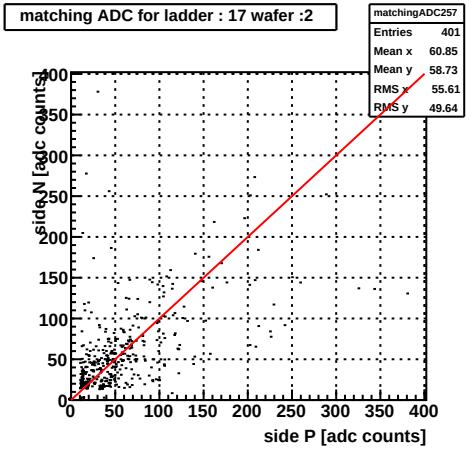

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 961
Mean x 82.65
Mean y 71.64
RMS x 60.67
RMS y 58.78
side N [adc counts]
side P [adc counts]

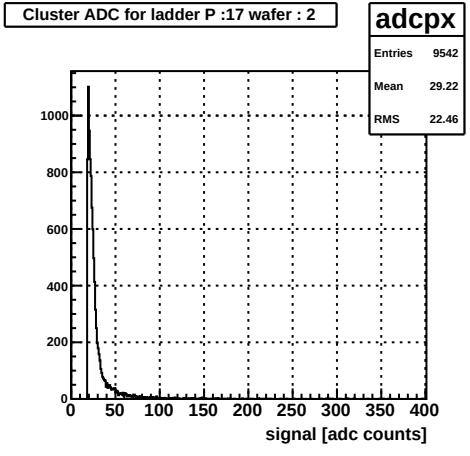

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1626
Mean 97.71
RMS 71.27
signal [adc counts]

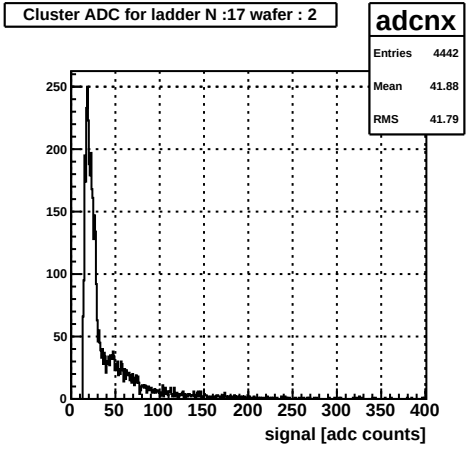

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2641
Mean 50.67
RMS 49.25
signal [adc counts]

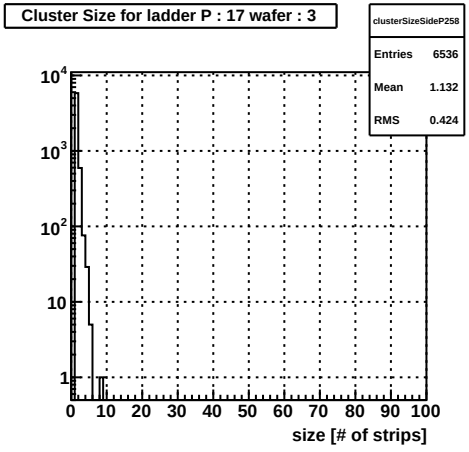

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9542
Mean 1.084
RMS 0.3373
size [# of strips]

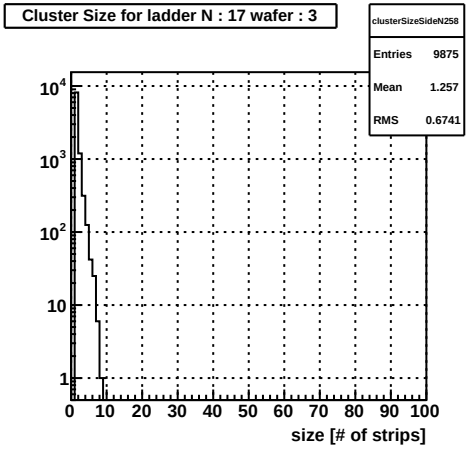

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4442
Mean 1.278
RMS 0.6212
size [# of strips]

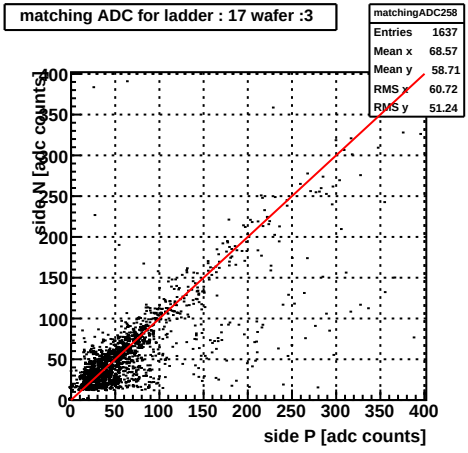

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 401
Mean x 60.85
Mean y 58.73
RMS x 55.61
RMS y 49.64
side N [adc counts]
side P [adc counts]

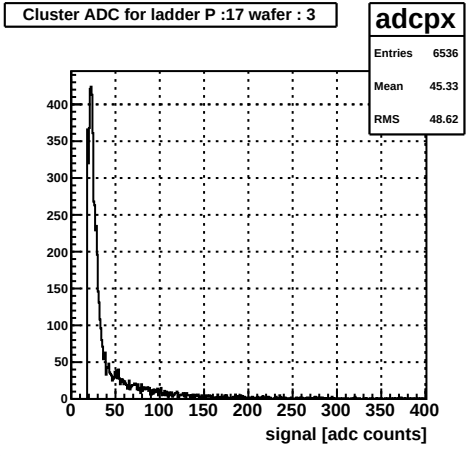

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9542
Mean 29.22
RMS 22.46
signal [adc counts]

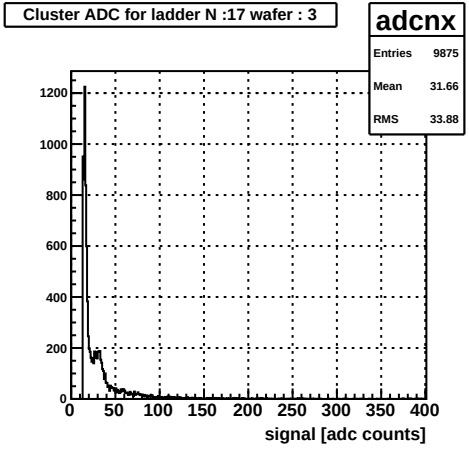

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4442
Mean 41.88
RMS 41.79
signal [adc counts]

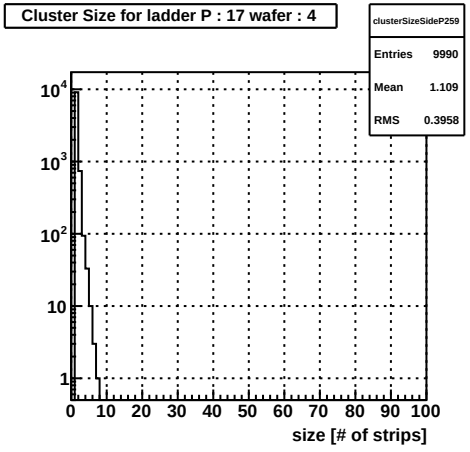

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6536
Mean 1.132
RMS 0.424
size [# of strips]

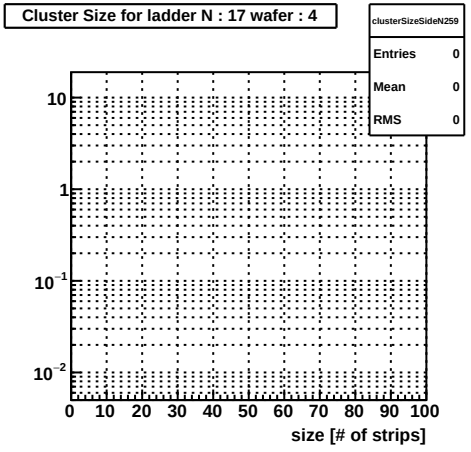

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 9875
Mean 1.257
RMS 0.6741
size [# of strips]

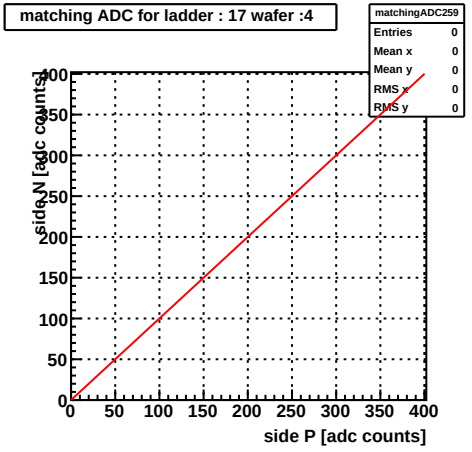

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1637
Mean x 68.57
Mean y 58.71
RMS x 60.72
RMS y 51.24
side N [adc counts]
side P [adc counts]

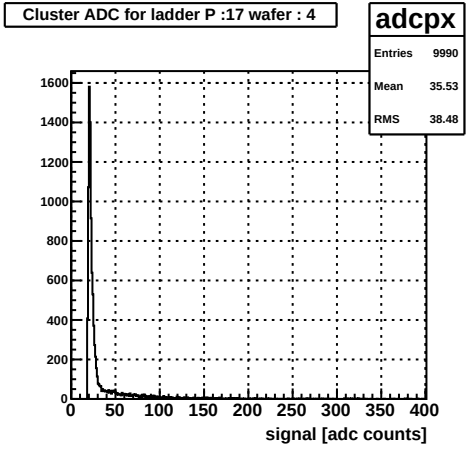

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6536
Mean 45.33
RMS 48.62
signal [adc counts]

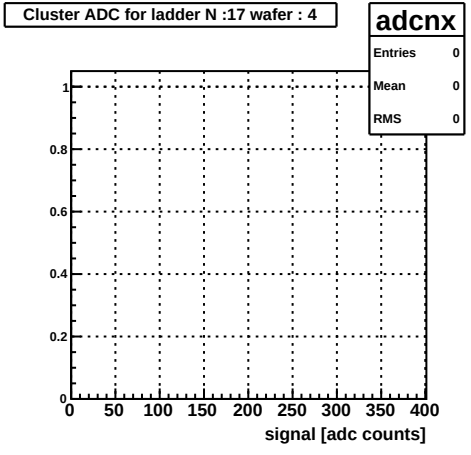

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 9875
Mean 31.66
RMS 33.88
signal [adc counts]

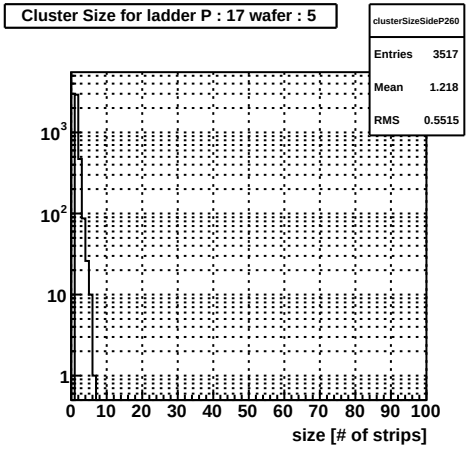

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 9990
Mean 1.109
RMS 0.3958
size [# of strips]

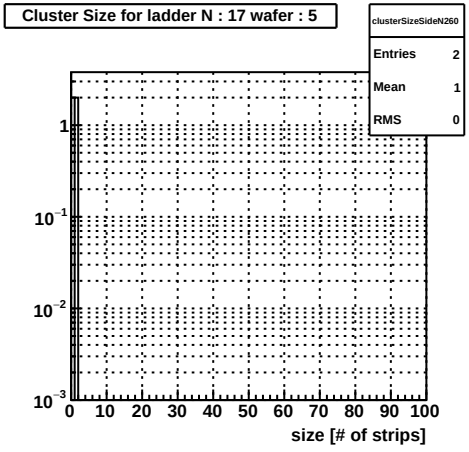

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

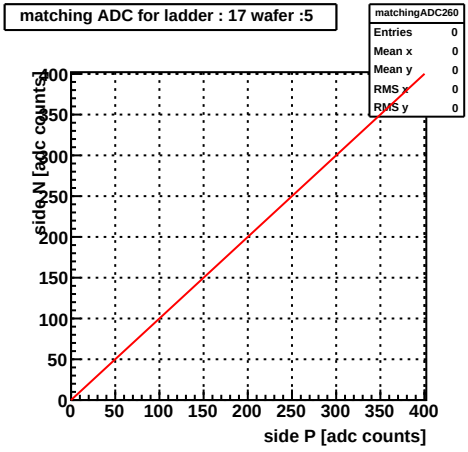

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

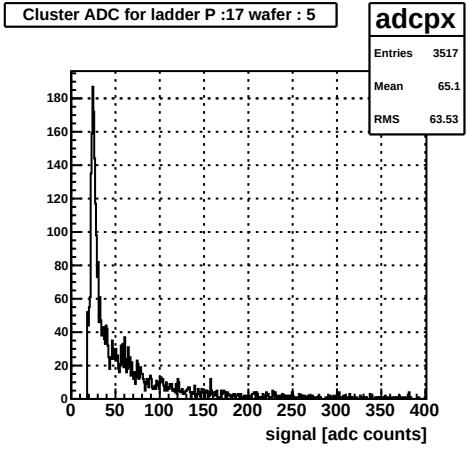

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 9990
Mean 35.53
RMS 38.48
signal [adc counts]

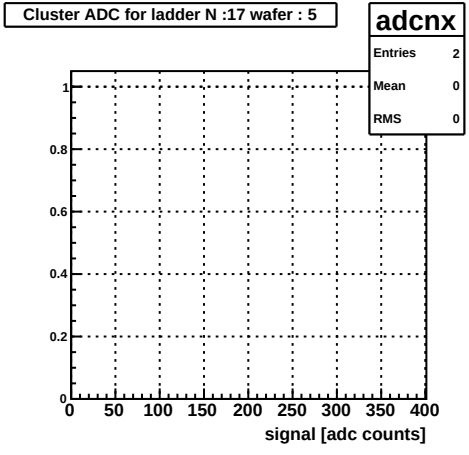

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

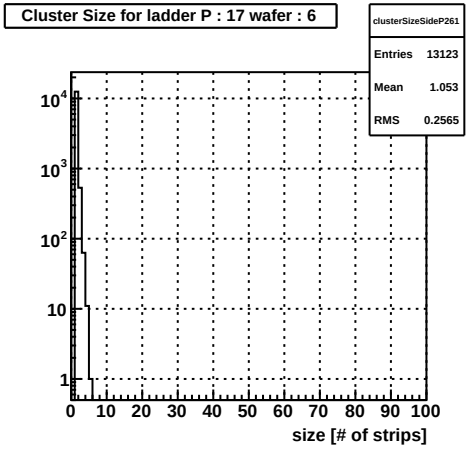

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3517
Mean 1.218
RMS 0.5515
size [# of strips]

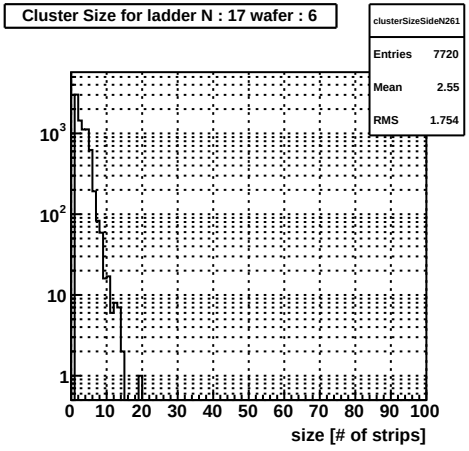

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 2
Mean 1
RMS 0
size [# of strips]

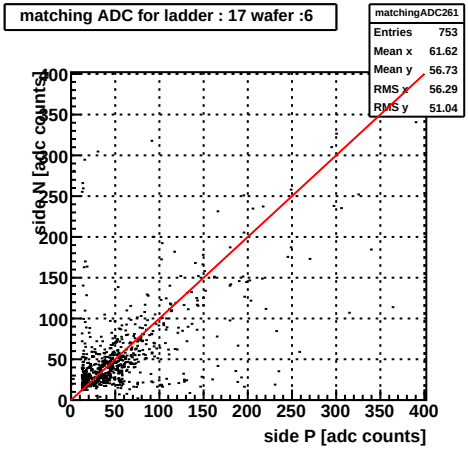

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

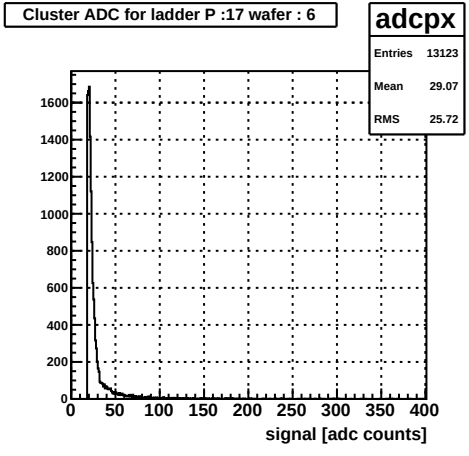

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3517
Mean 65.1
RMS 63.53
signal [adc counts]

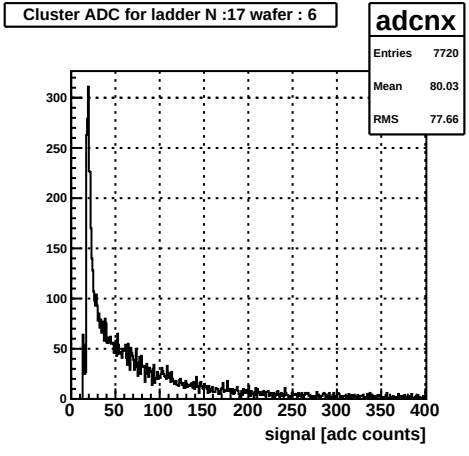

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

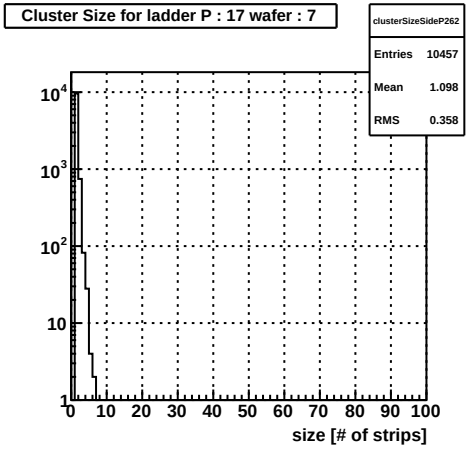

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13123
Mean 1.053
RMS 0.2565
size [# of strips]

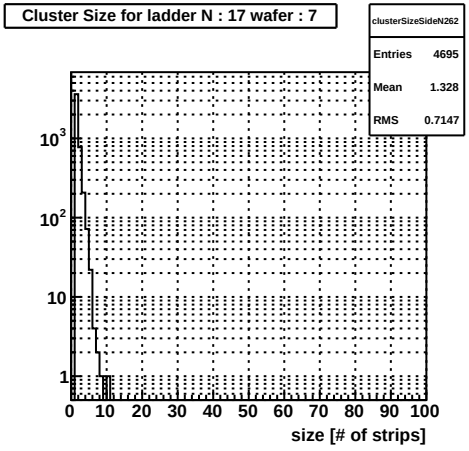

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 7720
Mean 2.55
RMS 1.754
size [# of strips]

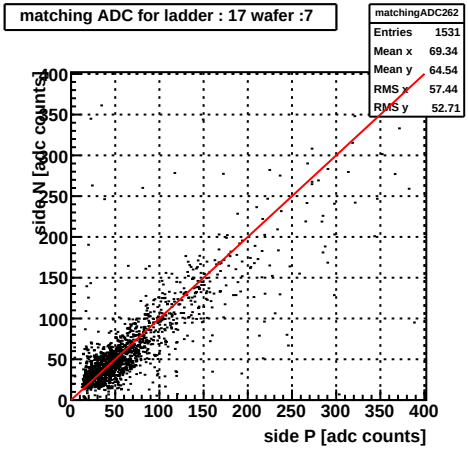

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 753
Mean x 61.62
Mean y 56.73
RMS x 56.29
RMS y 51.04
side N [adc counts]
side P [adc counts]

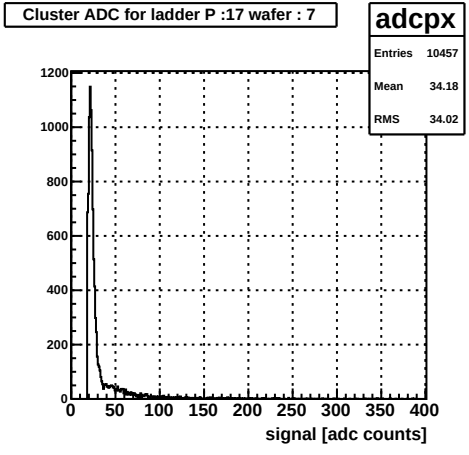

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13123
Mean 29.07
RMS 25.72
signal [adc counts]

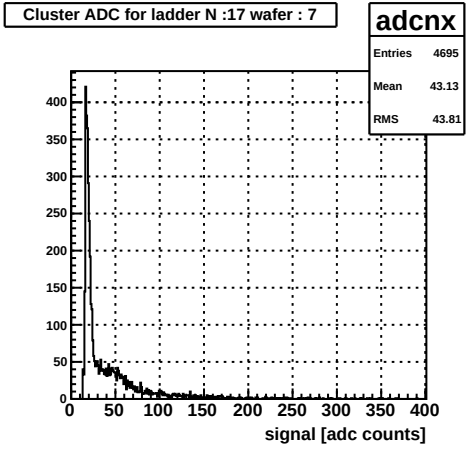

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 7720
Mean 80.03
RMS 77.66
signal [adc counts]

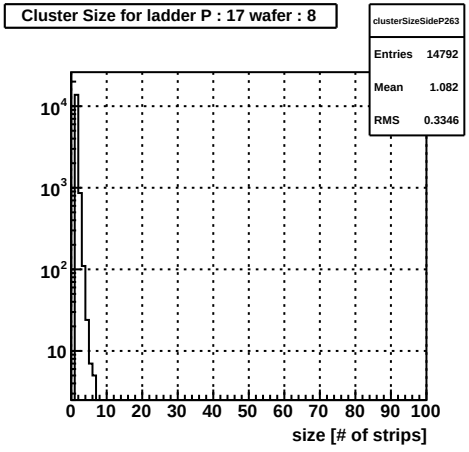

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10457
Mean 1.098
RMS 0.358
size [# of strips]

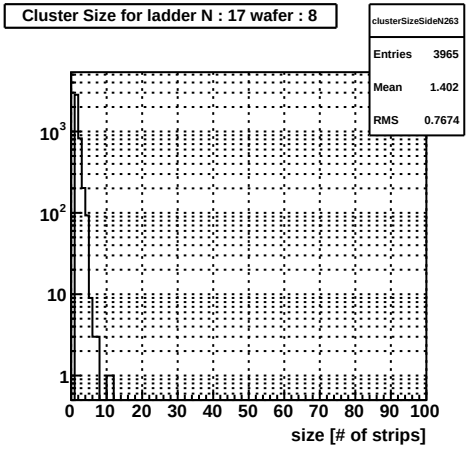

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4695
Mean 1.328
RMS 0.7147
size [# of strips]

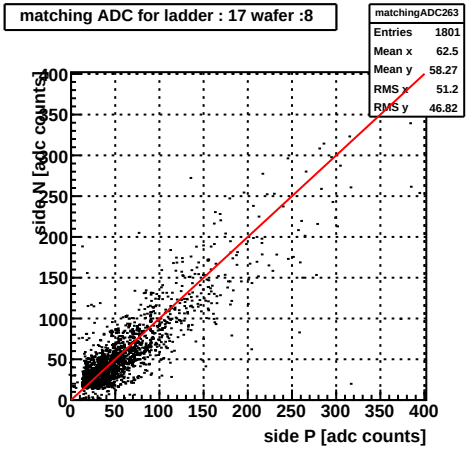

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1531
Mean x 69.34
Mean y 64.54
RMS x 57.44
RMS y 52.71
side N [adc counts]
side P [adc counts]

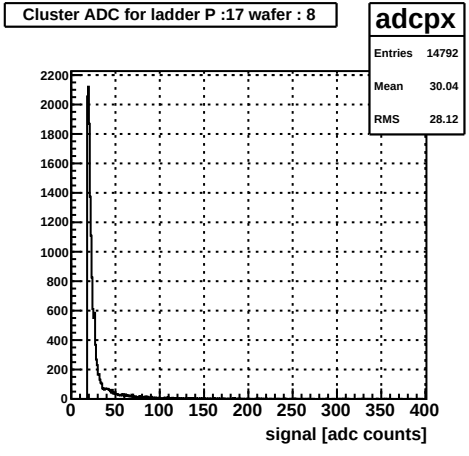

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10457
Mean 34.18
RMS 34.02
signal [adc counts]

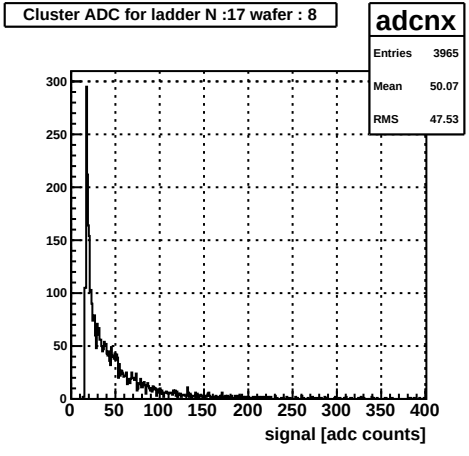

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4695
Mean 43.13
RMS 43.81
signal [adc counts]

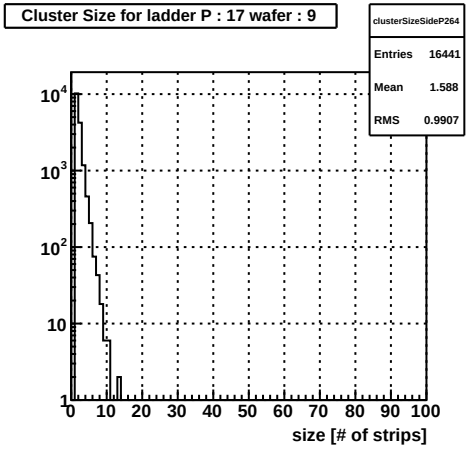

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14792
Mean 1.082
RMS 0.3346
size [# of strips]

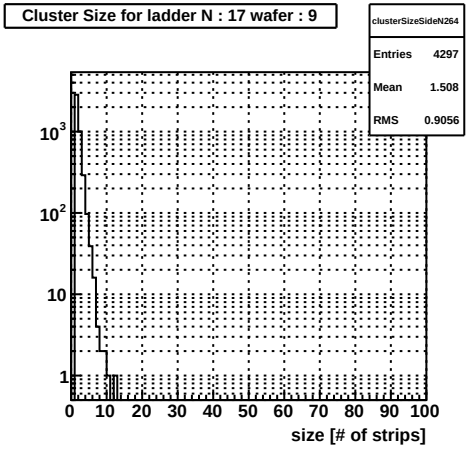

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3965
Mean 1.402
RMS 0.7674
size [# of strips]

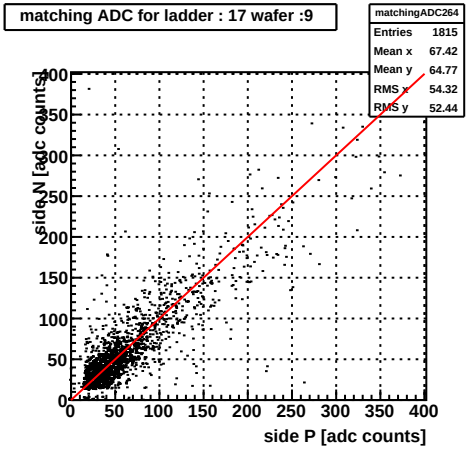

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1801
Mean x 62.5
Mean y 58.27
RMS x 51.2
RMS y 46.82
side N [adc counts]
side P [adc counts]

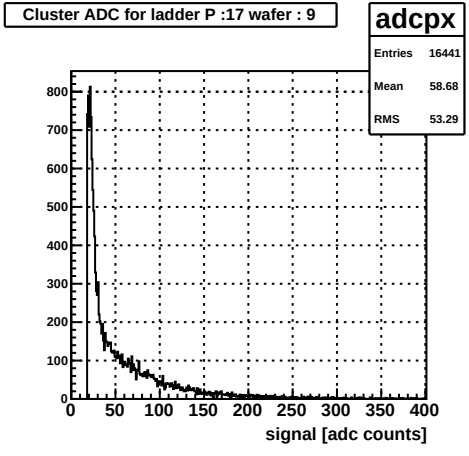

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14792
Mean 30.04
RMS 28.12
signal [adc counts]

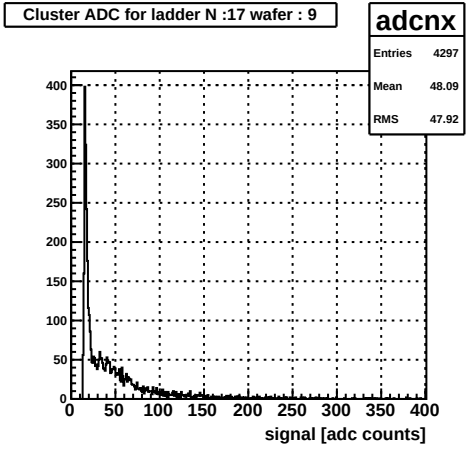

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3965
Mean 50.07
RMS 47.53
signal [adc counts]

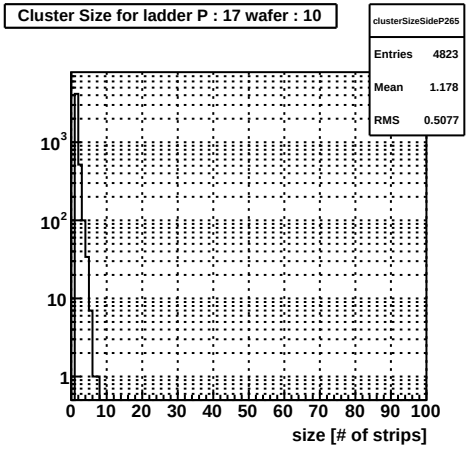

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 16441
Mean 1.588
RMS 0.9907
size [# of strips]

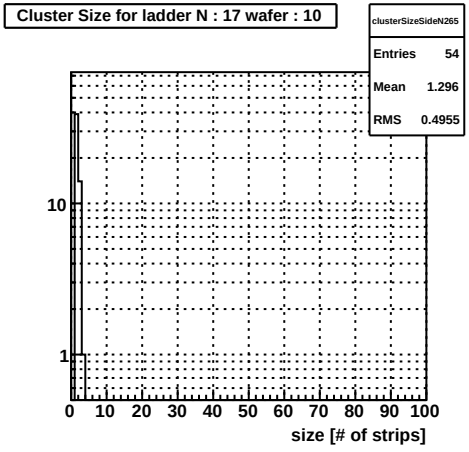

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4297
Mean 1.508
RMS 0.9056
size [# of strips]

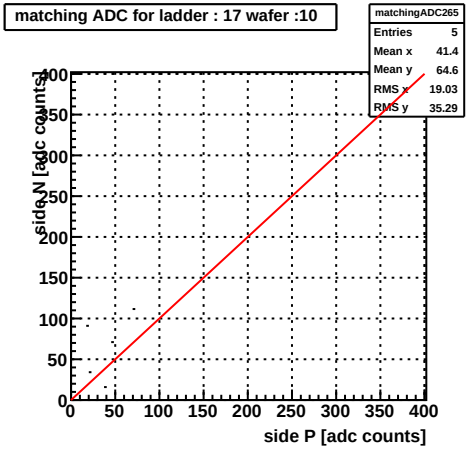

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1815
Mean x 67.42
Mean y 64.77
RMS x 54.32
RMS y 52.44
side N [adc counts]
side P [adc counts]

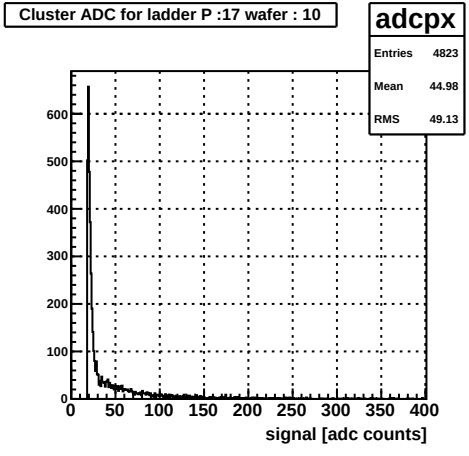

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 16441
Mean 58.68
RMS 53.29
signal [adc counts]

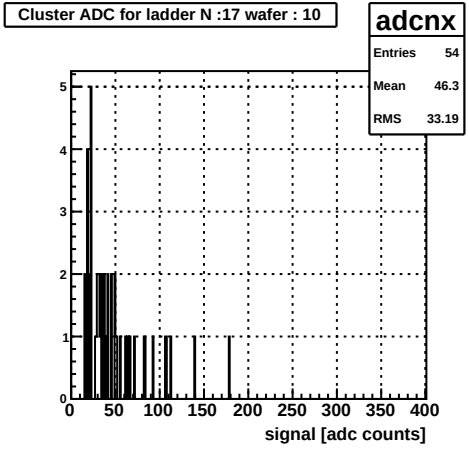

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4297
Mean 48.09
RMS 47.92
signal [adc counts]

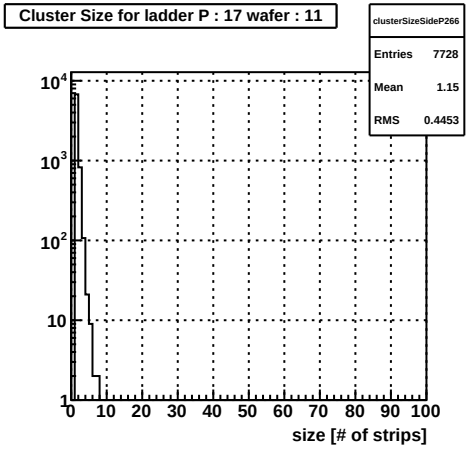

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4823
Mean 1.178
RMS 0.5077
size [# of strips]

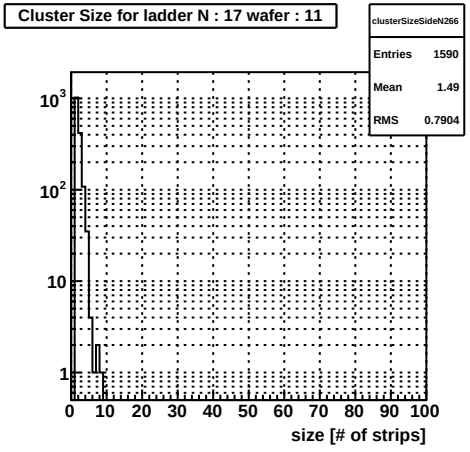

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 54
Mean 1.296
RMS 0.4955
size [# of strips]

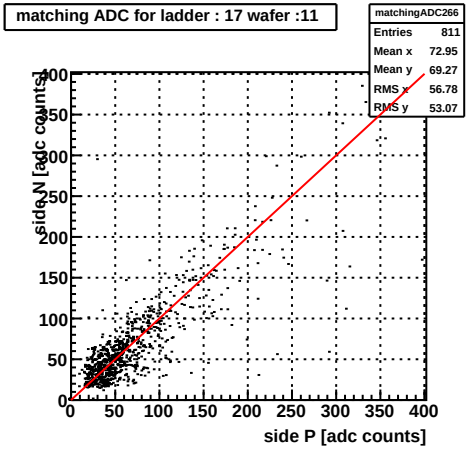

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 5
Mean x 41.4
Mean y 64.6
RMS x 19.03
RMS y 35.29
side N [adc counts]
side P [adc counts]

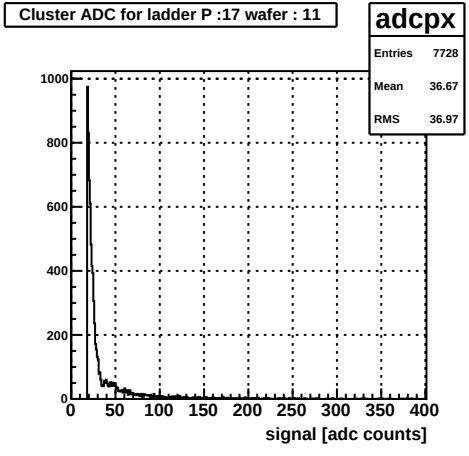

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4823
Mean 44.98
RMS 49.13
signal [adc counts]

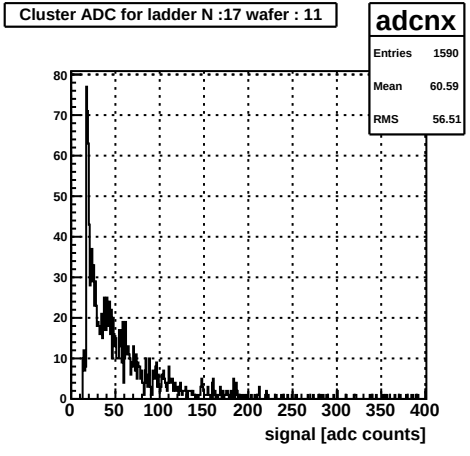

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 54
Mean 46.3
RMS 33.19
signal [adc counts]

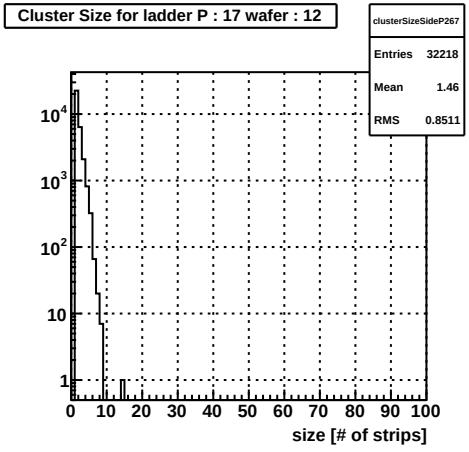

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7728
Mean 1.15
RMS 0.4453
size [# of strips]

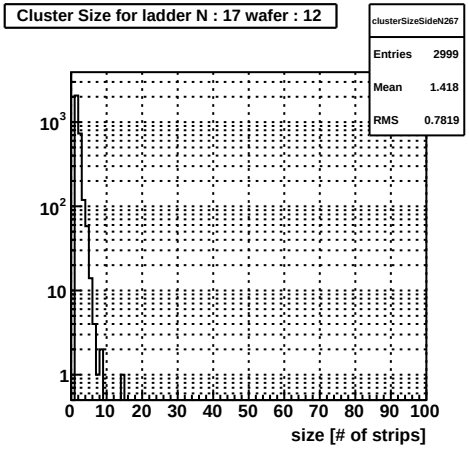

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1590
Mean 1.49
RMS 0.7904
size [# of strips]

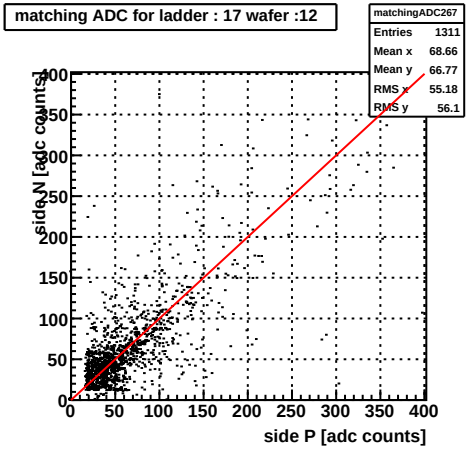

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 811
Mean x 72.95
Mean y 69.27
RMS x 56.78
RMS y 53.07
side N [adc counts]
side P [adc counts]

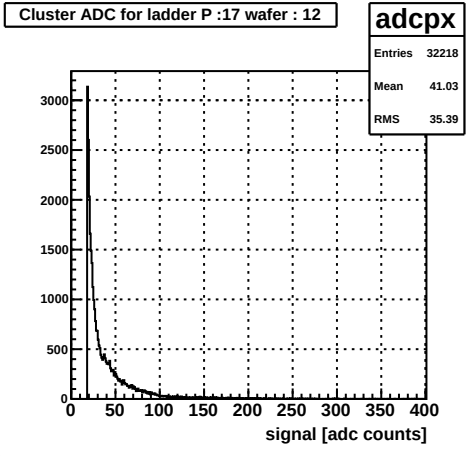

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7728
Mean 36.67
RMS 36.97
signal [adc counts]

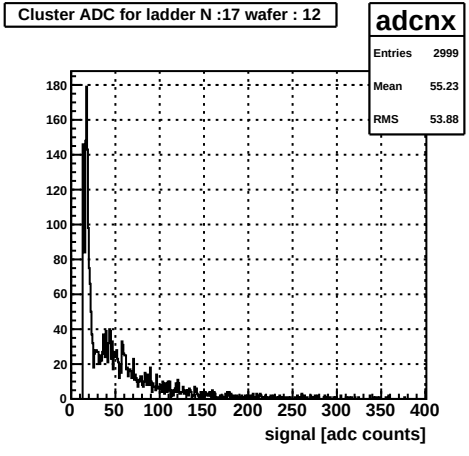

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1590
Mean 60.59
RMS 56.51
signal [adc counts]

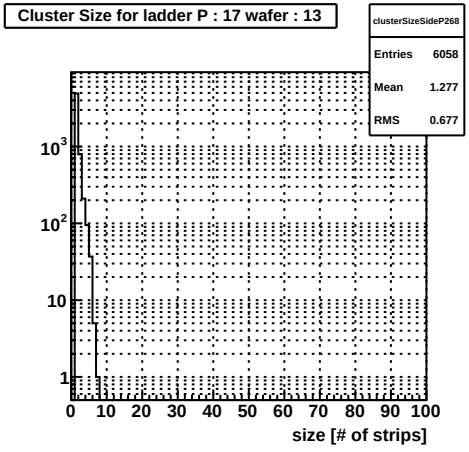

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 32218
Mean 1.46
RMS 0.8511
size [# of strips]

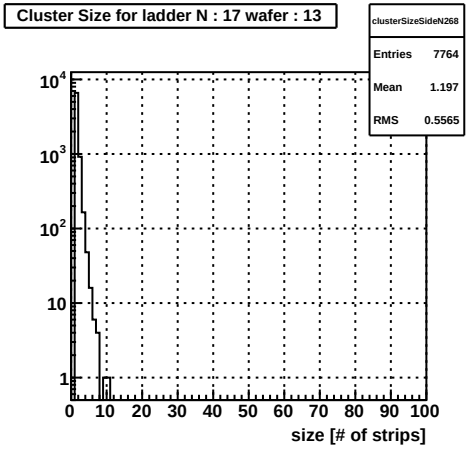

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2999
Mean 1.418
RMS 0.7819
size [# of strips]

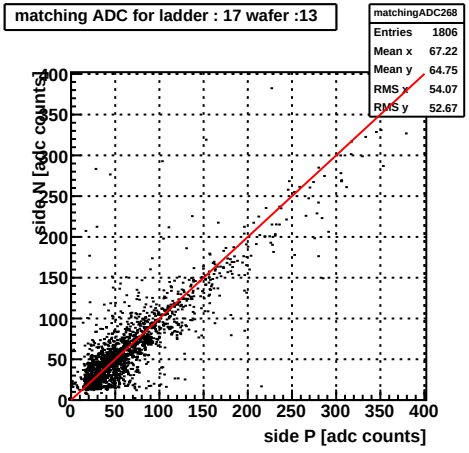

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1311
Mean x 68.66
Mean y 66.77
RMS x 55.18
RMS y 56.1
side N [adc counts]
side P [adc counts]

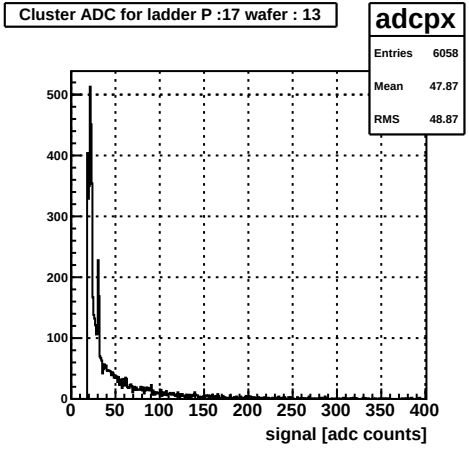

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 32218
Mean 41.03
RMS 35.39
signal [adc counts]

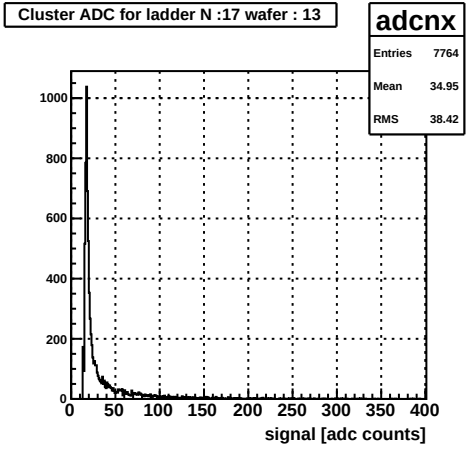

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2999
Mean 55.23
RMS 53.88
signal [adc counts]

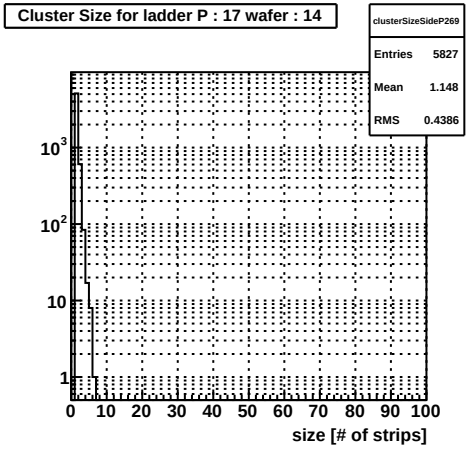

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6058
Mean 1.277
RMS 0.677
size [# of strips]

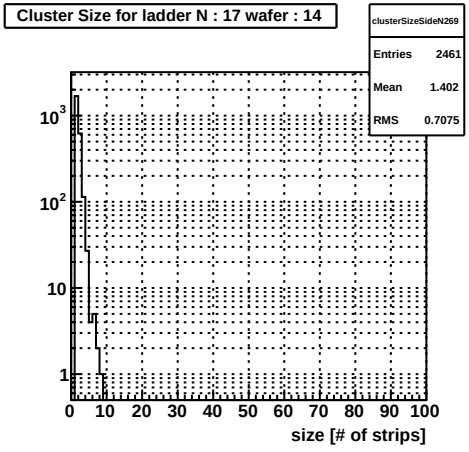

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7764
Mean 1.197
RMS 0.5565
size [# of strips]

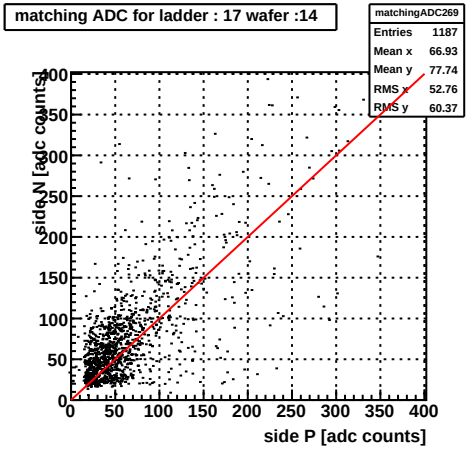

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1806
Mean x 67.22
Mean y 64.75
RMS x 54.07
RMS y 52.67
side N [adc counts]
side P [adc counts]

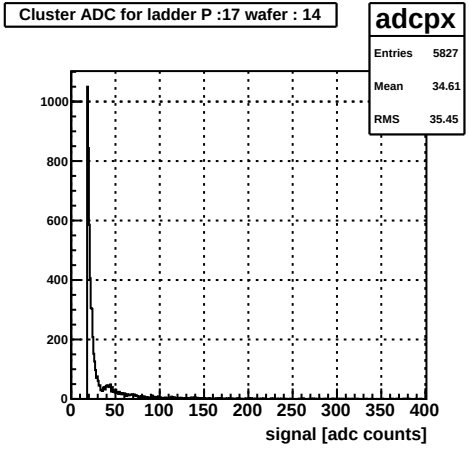

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6058
Mean 47.87
RMS 48.87
signal [adc counts]

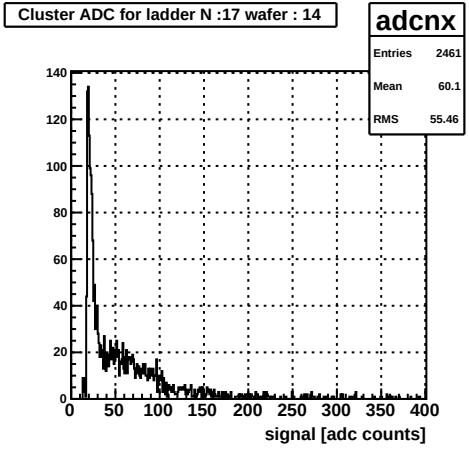

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7764
Mean 34.95
RMS 38.42
signal [adc counts]

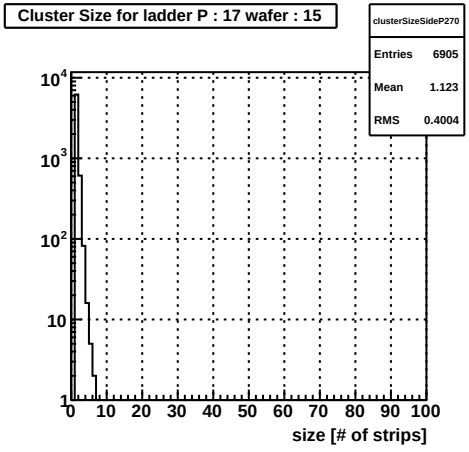

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5827
Mean 1.148
RMS 0.4386
size [# of strips]

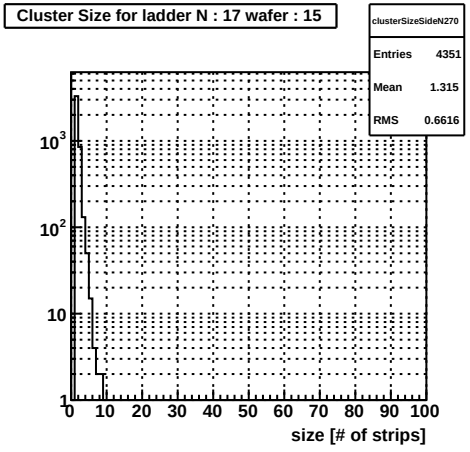

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2461
Mean 1.402
RMS 0.7075
size [# of strips]

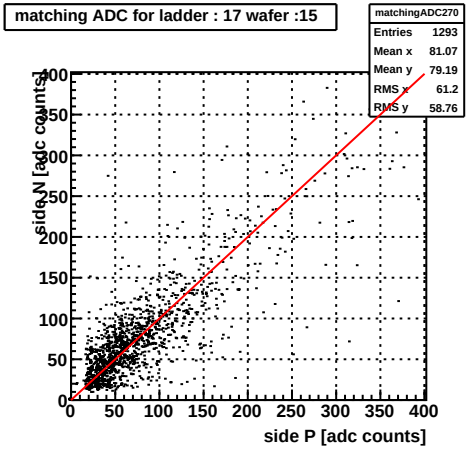

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1187
Mean x 66.93
Mean y 77.74
RMS x 52.76
RMS y 60.37
side N [adc counts]
side P [adc counts]

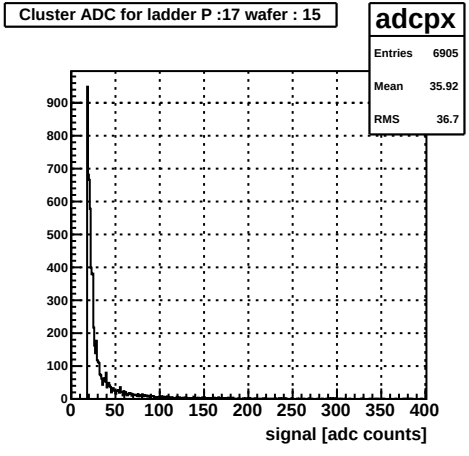

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5827
Mean 34.61
RMS 35.45
signal [adc counts]

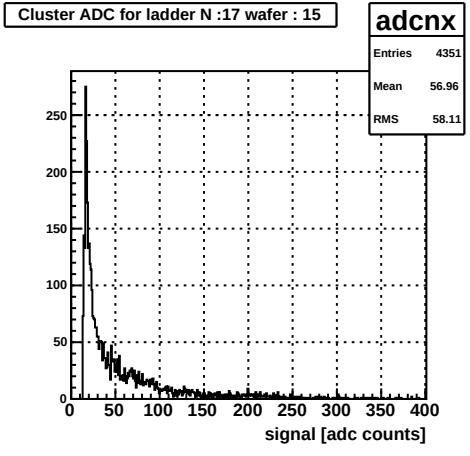

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2461
Mean 60.1
RMS 55.46
signal [adc counts]

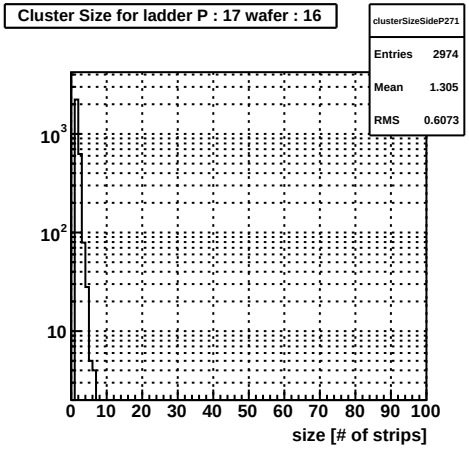

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6905
Mean 1.123
RMS 0.4004
size [# of strips]

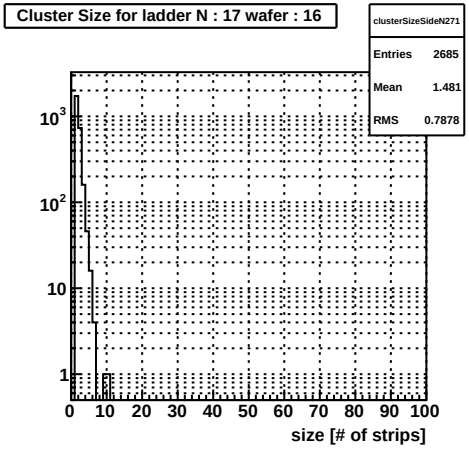

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4351
Mean 1.315
RMS 0.6616
size [# of strips]

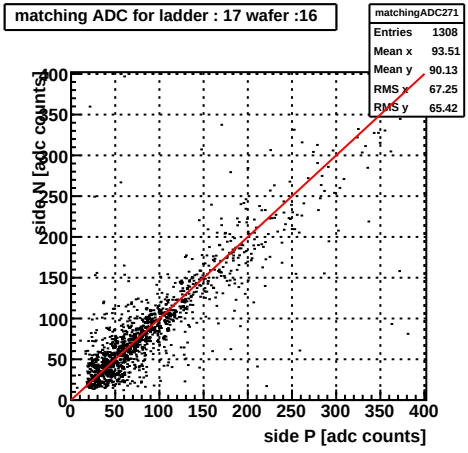

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1293
Mean x 81.07
Mean y 79.19
RMS x 61.2
RMS y 58.76
side N [adc counts]
side P [adc counts]

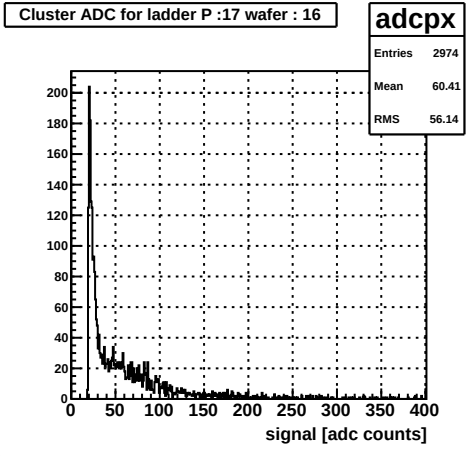

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6905
Mean 35.92
RMS 36.7
signal [adc counts]

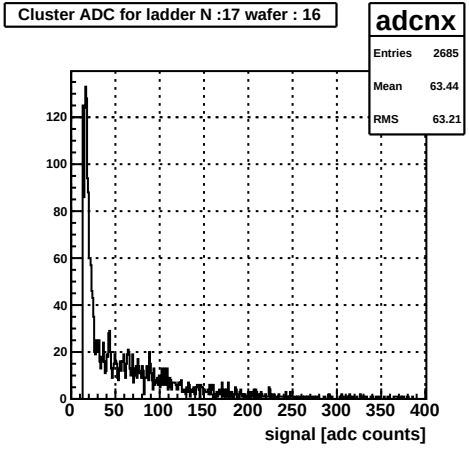

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4351
Mean 56.96
RMS 58.11
signal [adc counts]

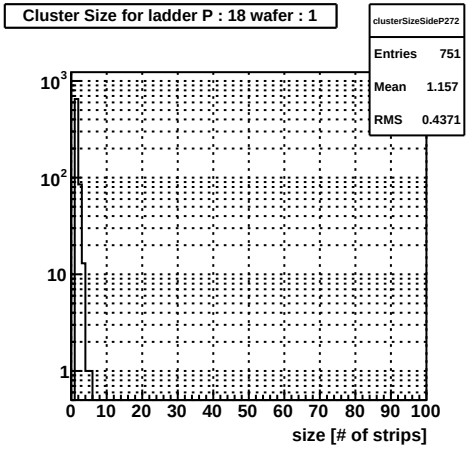

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2974
Mean 1.305
RMS 0.6073
size [# of strips]

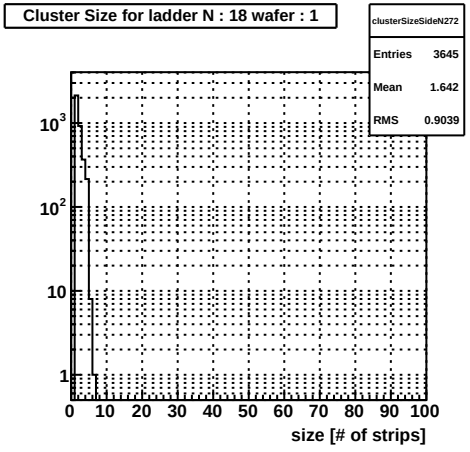

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2685
Mean 1.481
RMS 0.7878
size [# of strips]

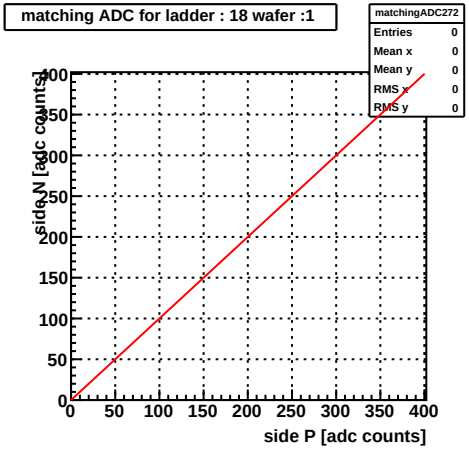

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1308
Mean x 93.51
Mean y 90.13
RMS x 67.25
RMS y 65.42
side N [adc counts]
side P [adc counts]

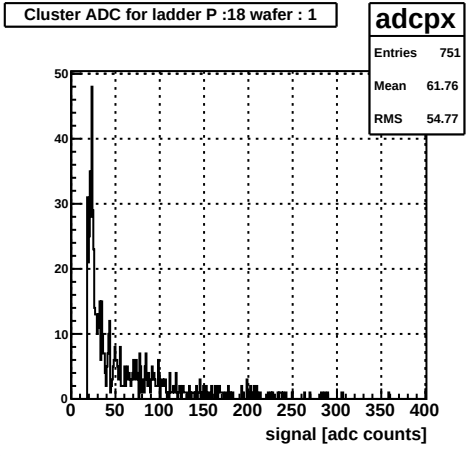

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2974
Mean 60.41
RMS 56.14
signal [adc counts]

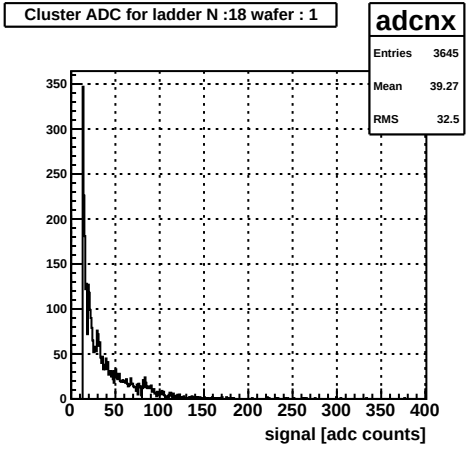

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2685
Mean 63.44
RMS 63.21
signal [adc counts]

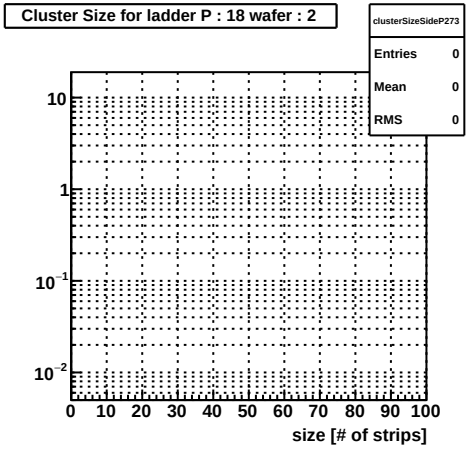

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 751
Mean 1.157
RMS 0.4371
size [# of strips]

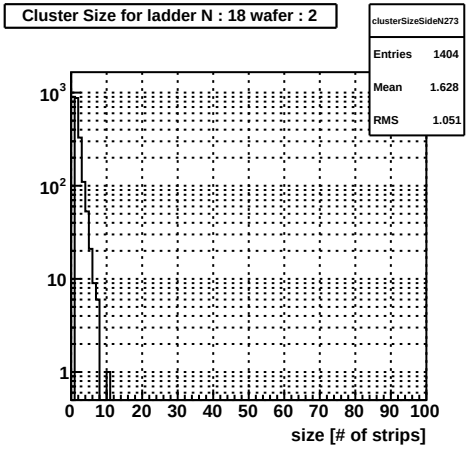

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3645
Mean 1.642
RMS 0.9039
size [# of strips]

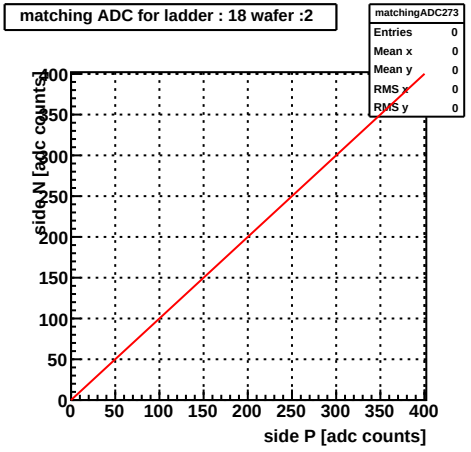

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

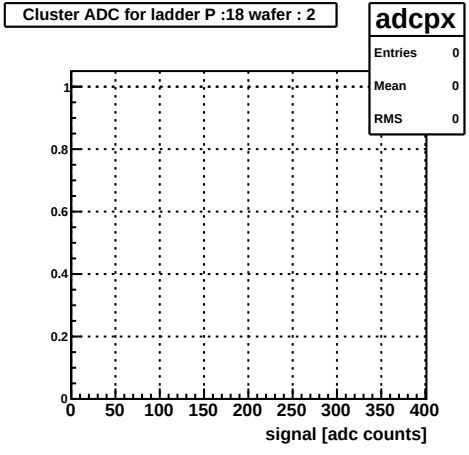

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 751
Mean 61.76
RMS 54.77
signal [adc counts]

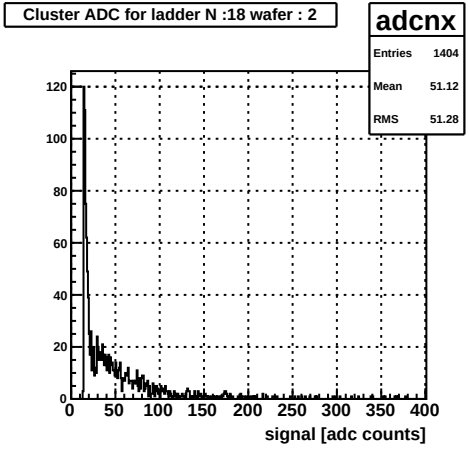

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3645
Mean 39.27
RMS 32.5
signal [adc counts]

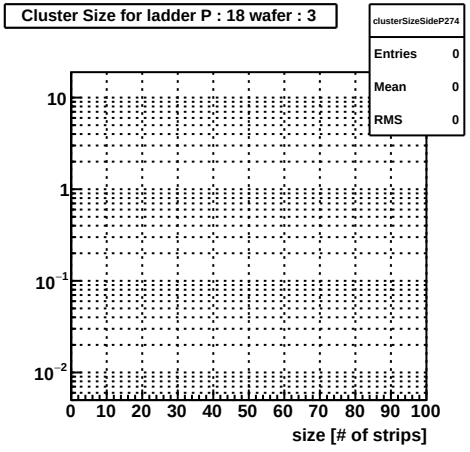

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

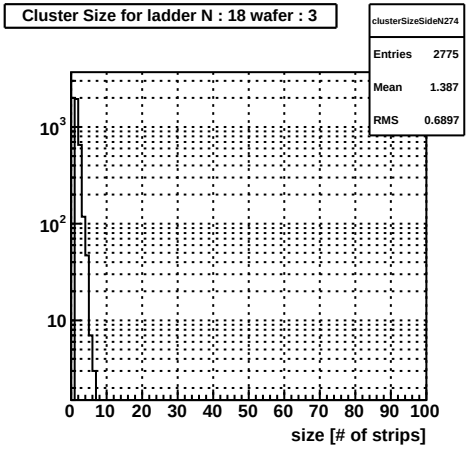

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1404
Mean 1.628
RMS 1.051
size [# of strips]

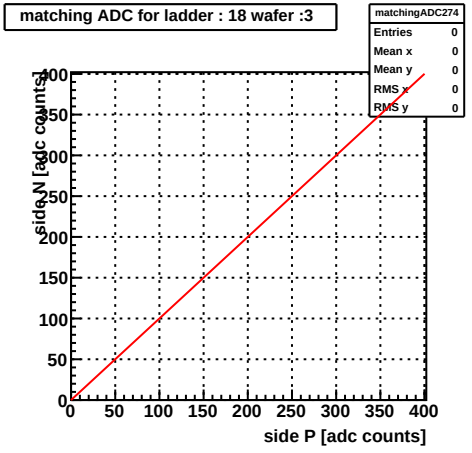

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

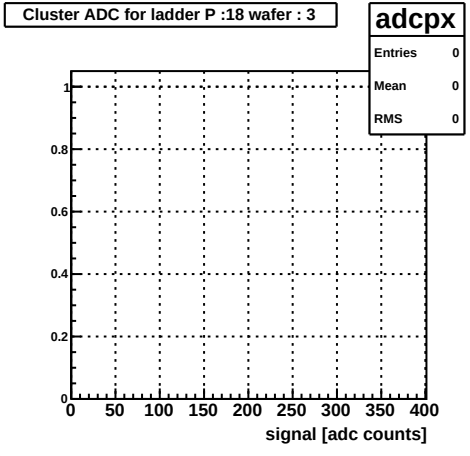

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

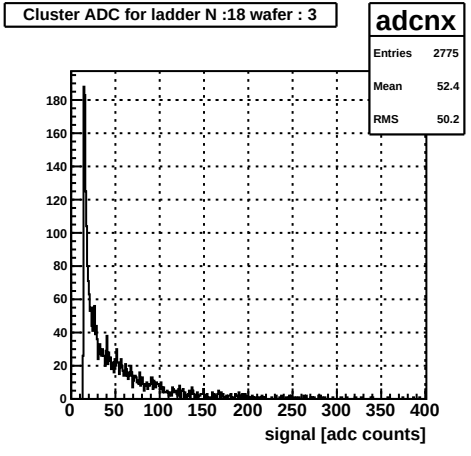

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1404
Mean 51.12
RMS 51.28
signal [adc counts]

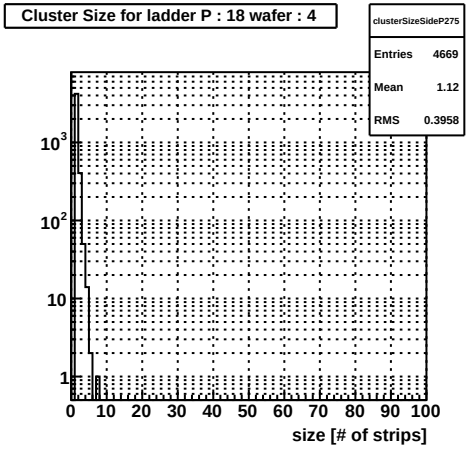

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

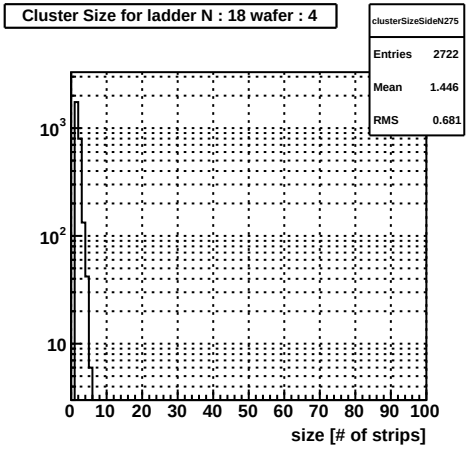

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2775
Mean 1.387
RMS 0.6897
size [# of strips]

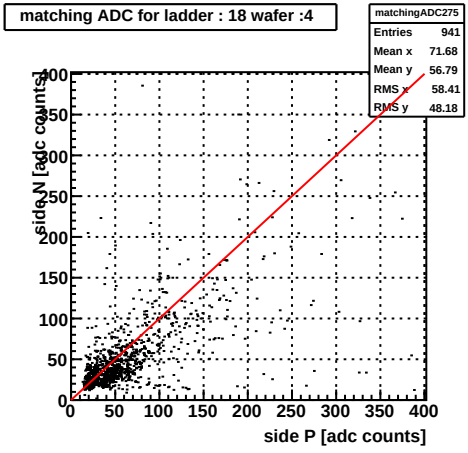

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

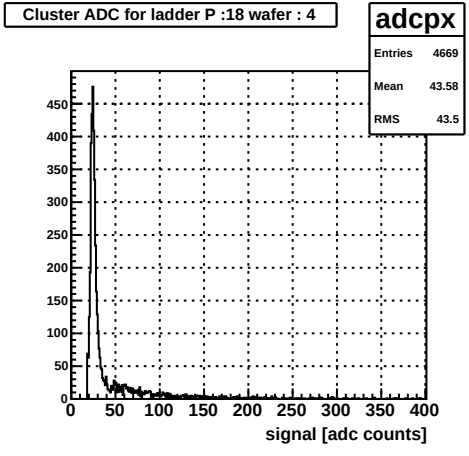

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

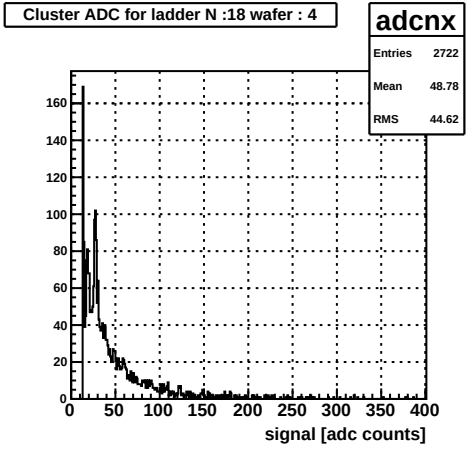

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2775
Mean 52.4
RMS 50.2
signal [adc counts]

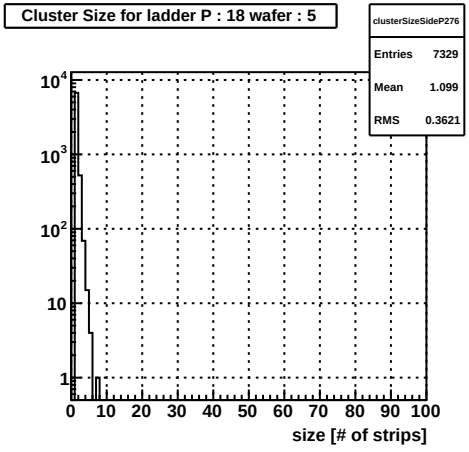

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4669
Mean 1.12
RMS 0.3958
size [# of strips]

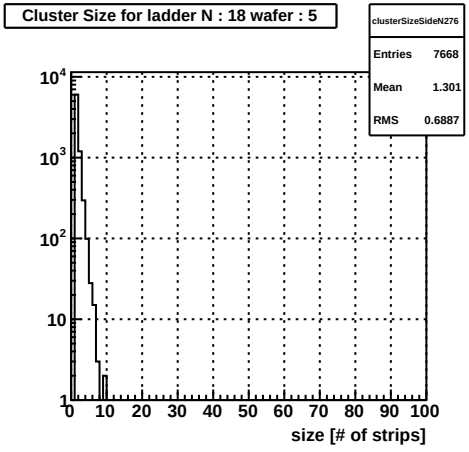

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2722
Mean 1.446
RMS 0.681
size [# of strips]

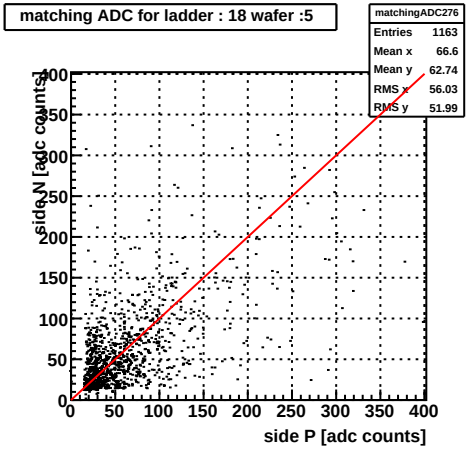

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 941
Mean x 71.68
Mean y 56.79
RMS x 58.41
RMS y 48.18
side N [adc counts]
side P [adc counts]

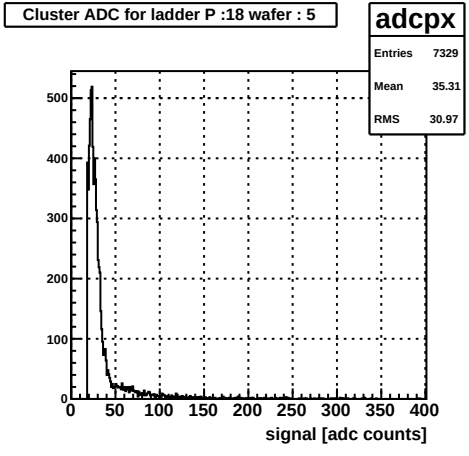

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4669
Mean 43.58
RMS 43.5
signal [adc counts]

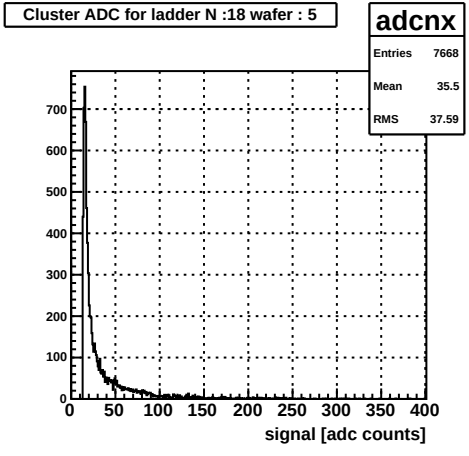

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2722
Mean 48.78
RMS 44.62
signal [adc counts]

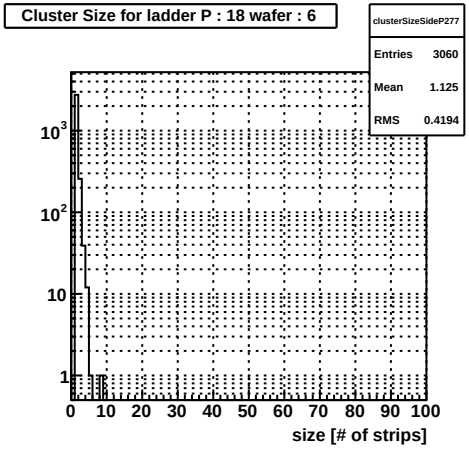

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7329
Mean 1.099
RMS 0.3621
size [# of strips]

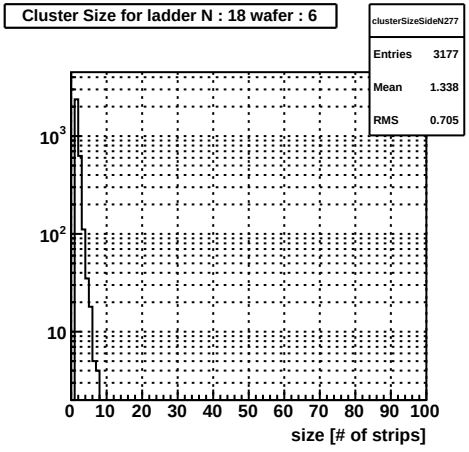

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7668
Mean 1.301
RMS 0.6887
size [# of strips]

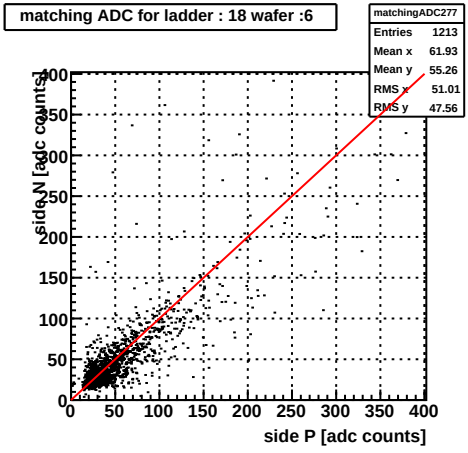

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1163
Mean x 66.6
Mean y 62.74
RMS x 56.03
RMS y 51.99
side N [adc counts]
side P [adc counts]

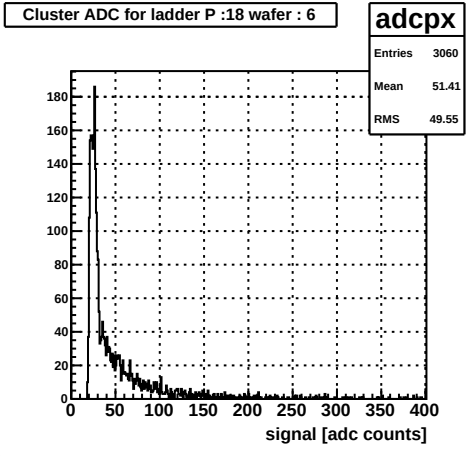

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7329
Mean 35.31
RMS 30.97
signal [adc counts]

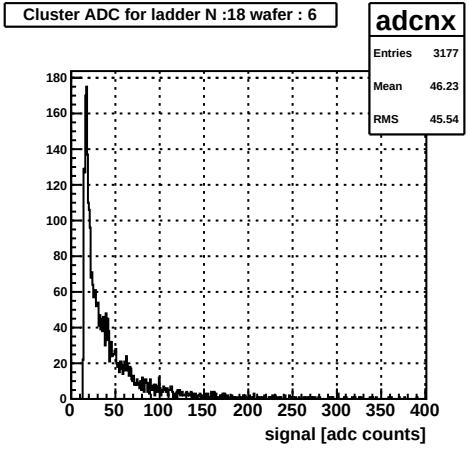

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7668
Mean 35.5
RMS 37.59
signal [adc counts]

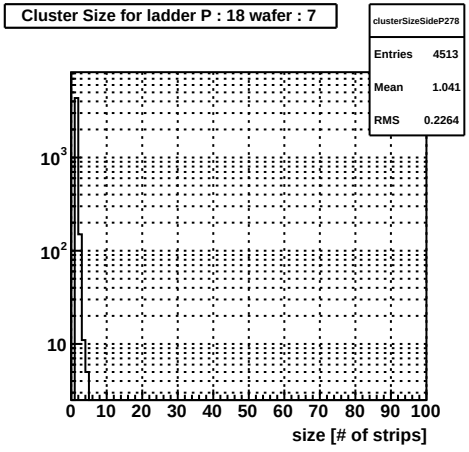

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3060
Mean 1.125
RMS 0.4194
size [# of strips]

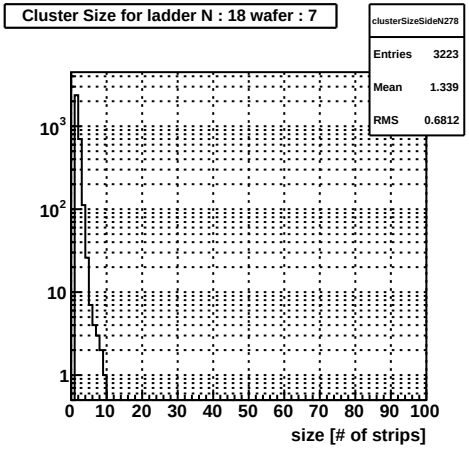

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3177
Mean 1.338
RMS 0.705
size [# of strips]

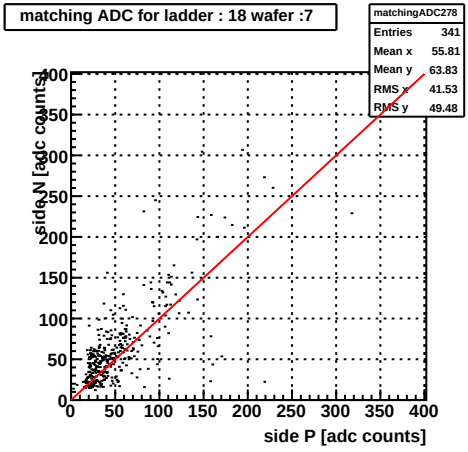

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1213
Mean x 61.93
Mean y 55.26
RMS x 51.01
RMS y 47.56
side N [adc counts]
side P [adc counts]

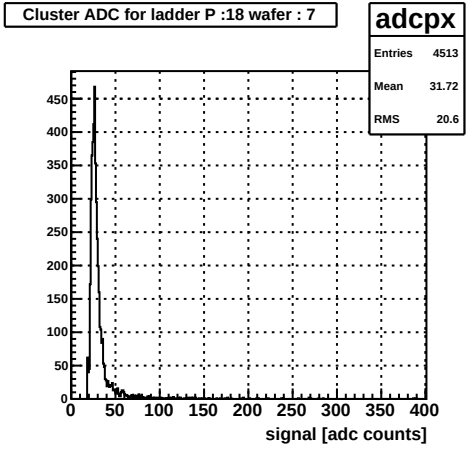

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3060
Mean 51.41
RMS 49.55
signal [adc counts]

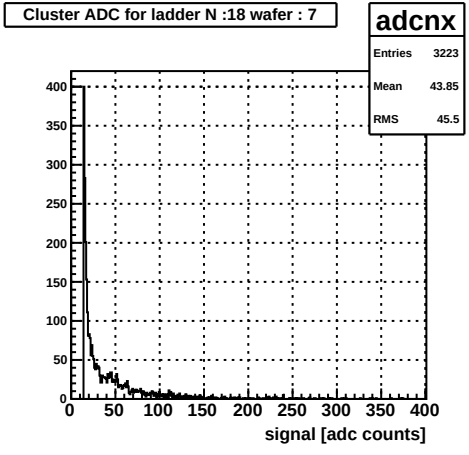

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3177
Mean 46.23
RMS 45.54
signal [adc counts]

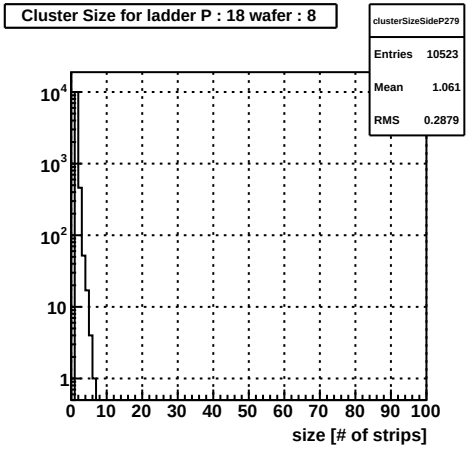

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4513
Mean 1.041
RMS 0.2264
size [# of strips]

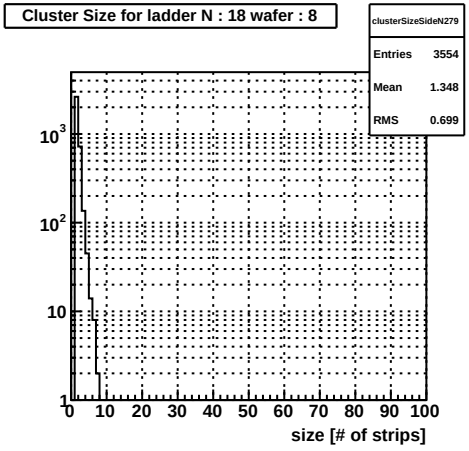

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3223
Mean 1.339
RMS 0.6812
size [# of strips]

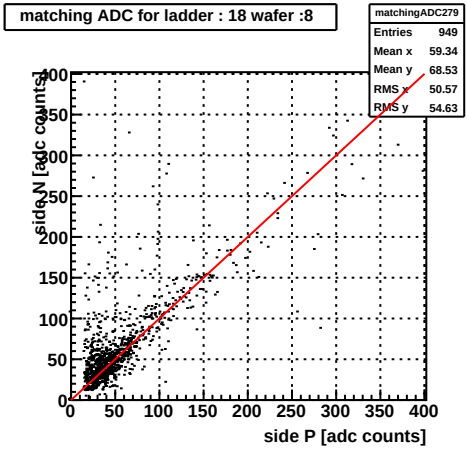

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 341
Mean x 55.81
Mean y 63.83
RMS x 41.53
RMS y 49.48
side N [adc counts]
side P [adc counts]

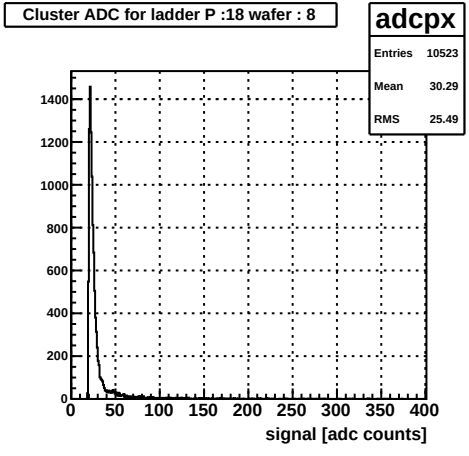

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4513
Mean 31.72
RMS 20.6
signal [adc counts]

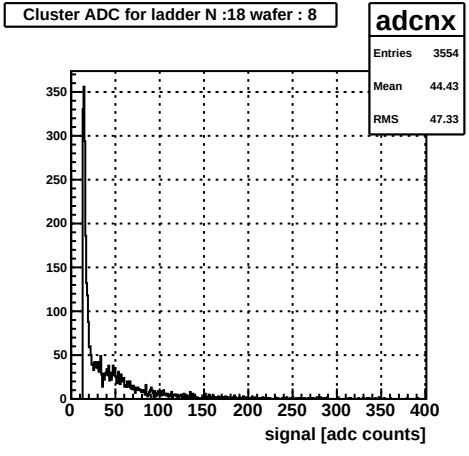

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3223
Mean 43.85
RMS 45.5
signal [adc counts]

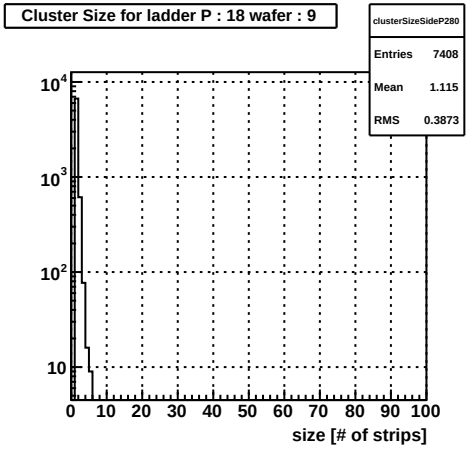

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10523
Mean 1.061
RMS 0.2879
size [# of strips]

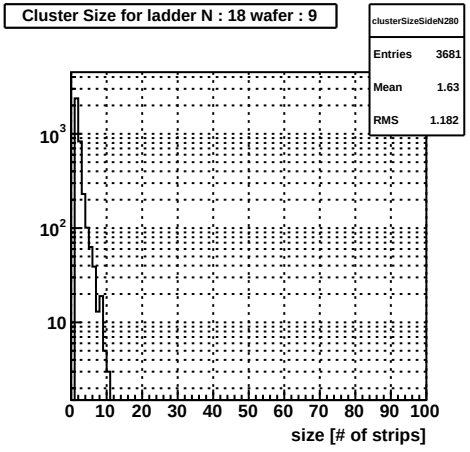

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3554
Mean 1.348
RMS 0.699
size [# of strips]

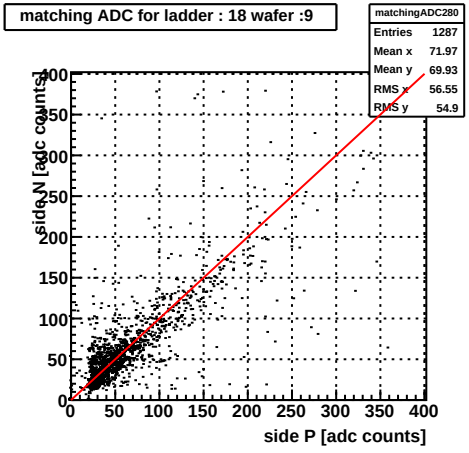

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 949
Mean x 59.34
Mean y 68.53
RMS x 50.57
RMS y 54.63
side N [adc counts]
side P [adc counts]

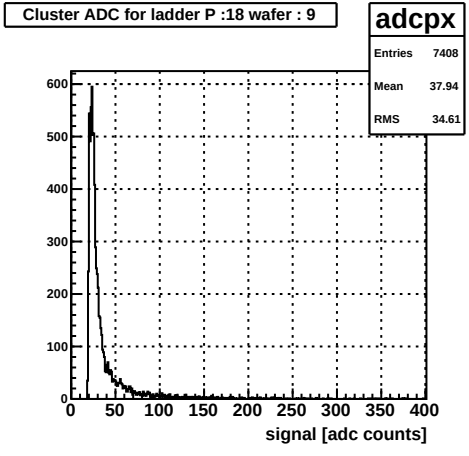

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10523
Mean 30.29
RMS 25.49
signal [adc counts]

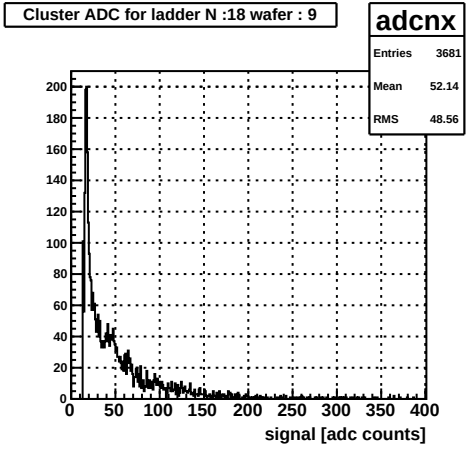

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3554
Mean 44.43
RMS 47.33
signal [adc counts]

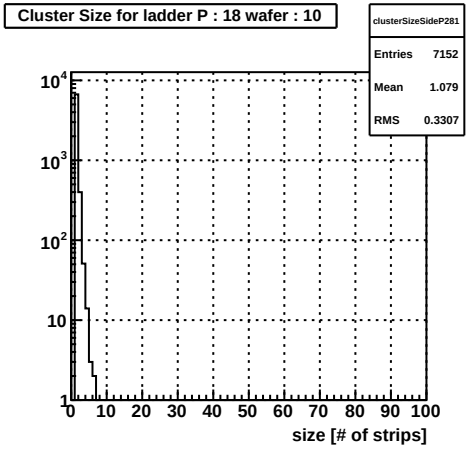

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7408
Mean 1.115
RMS 0.3873
size [# of strips]

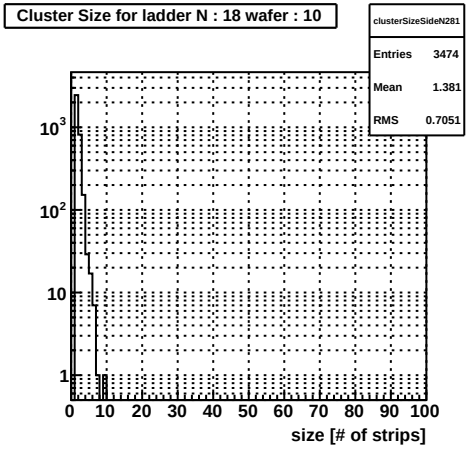

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3681
Mean 1.63
RMS 1.182
size [# of strips]

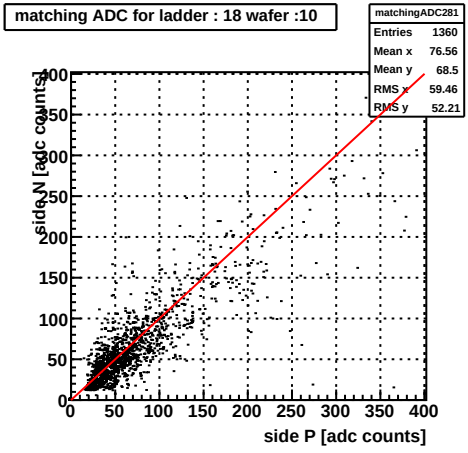

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1287
Mean x 71.97
Mean y 69.93
RMS x 56.55
RMS y 54.9
side N [adc counts]
side P [adc counts]

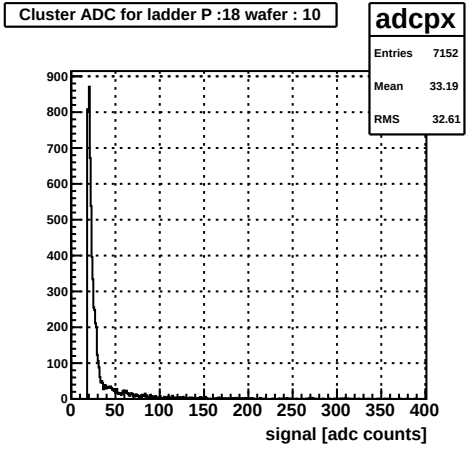

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7408
Mean 37.94
RMS 34.61
signal [adc counts]

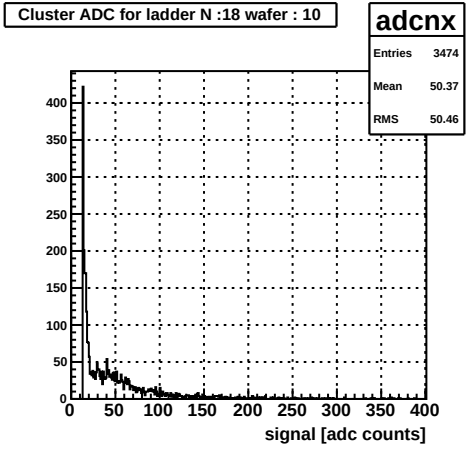

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3681
Mean 52.14
RMS 48.56
signal [adc counts]

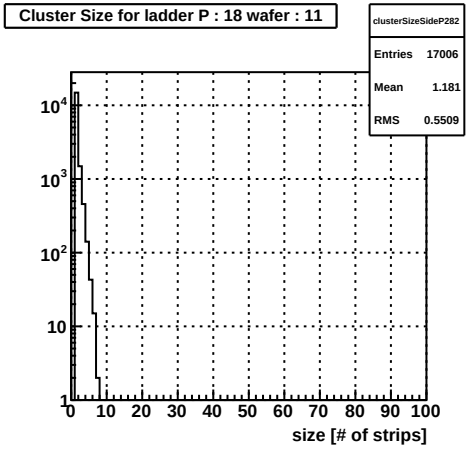

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7152
Mean 1.079
RMS 0.3307
size [# of strips]

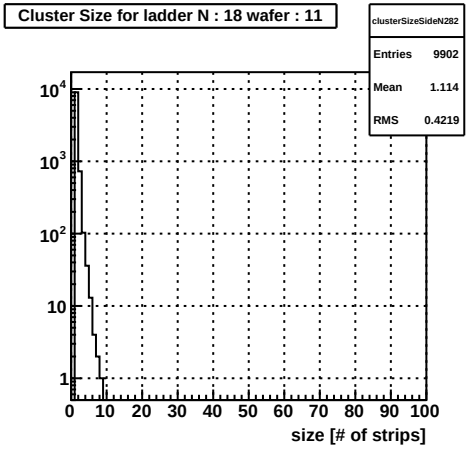

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3474
Mean 1.381
RMS 0.7051
size [# of strips]

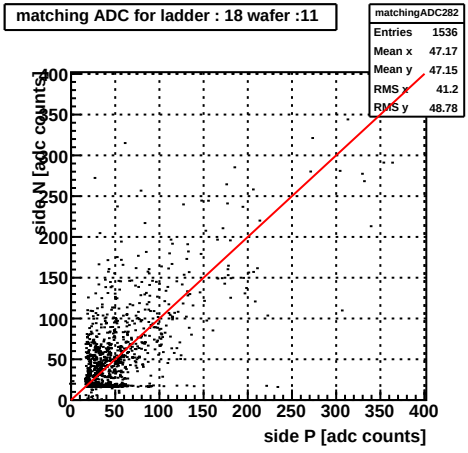

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1360
Mean x 76.56
Mean y 68.5
RMS x 59.46
RMS y 52.21
side N [adc counts]
side P [adc counts]

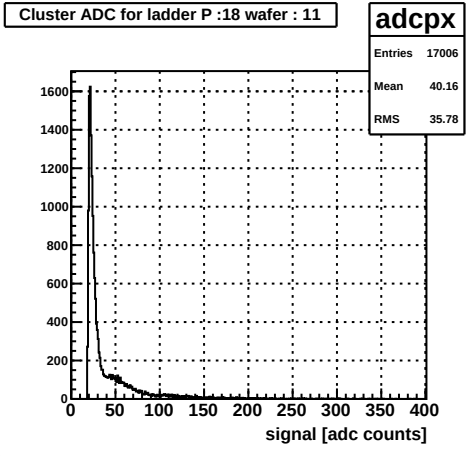

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7152
Mean 33.19
RMS 32.61
signal [adc counts]

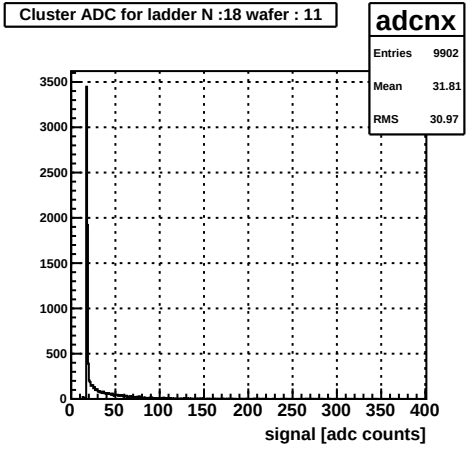

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3474
Mean 50.37
RMS 50.46
signal [adc counts]

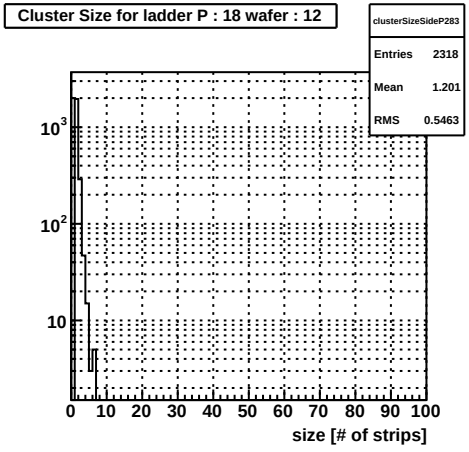

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 17006
Mean 1.181
RMS 0.5509
size [# of strips]

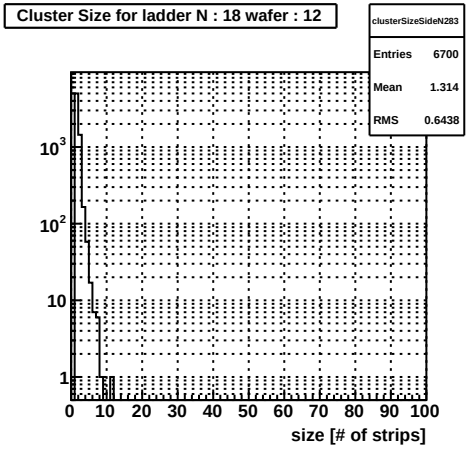

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9902
Mean 1.114
RMS 0.4219
size [# of strips]

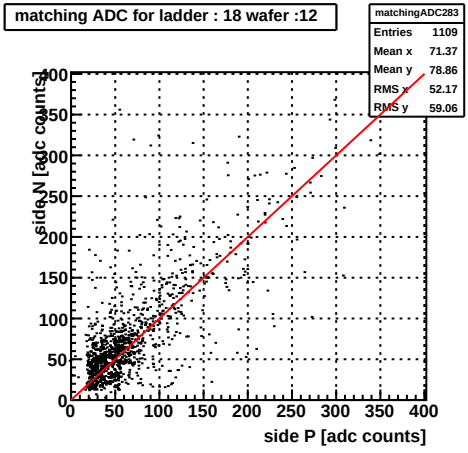

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1536
Mean x 47.17
Mean y 47.15
RMS x 41.2
RMS y 48.78
side N [adc counts]
side P [adc counts]

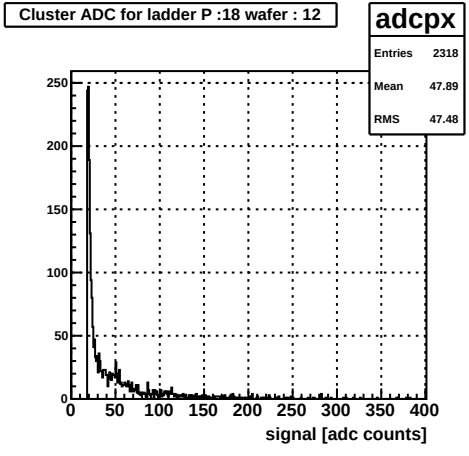

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 17006
Mean 40.16
RMS 35.78
signal [adc counts]

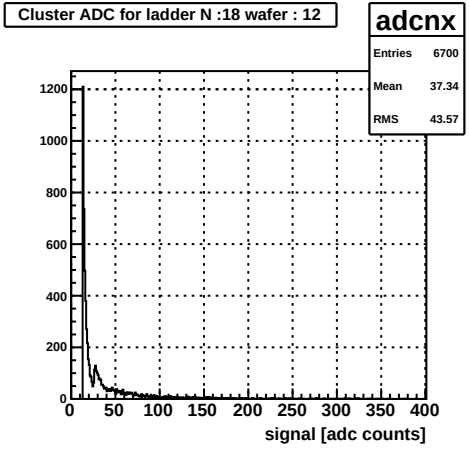

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9902
Mean 31.81
RMS 30.97
signal [adc counts]

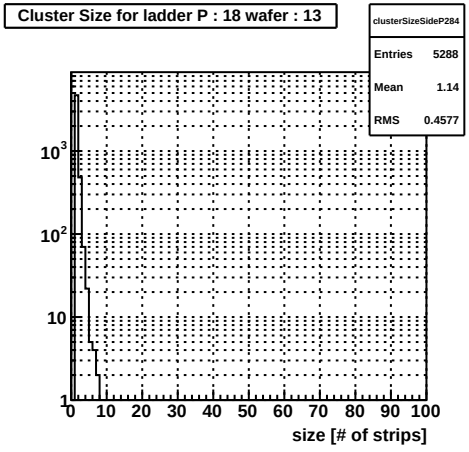

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2318
Mean 1.201
RMS 0.5463
size [# of strips]

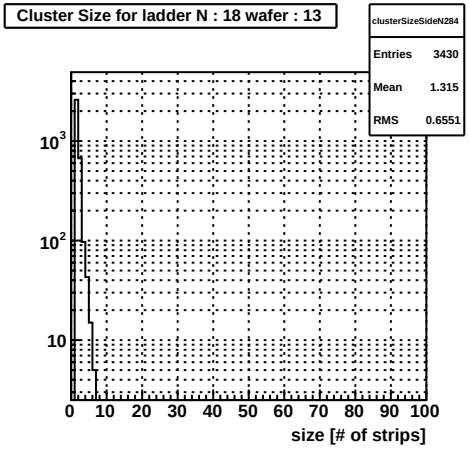

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6700
Mean 1.314
RMS 0.6438
size [# of strips]

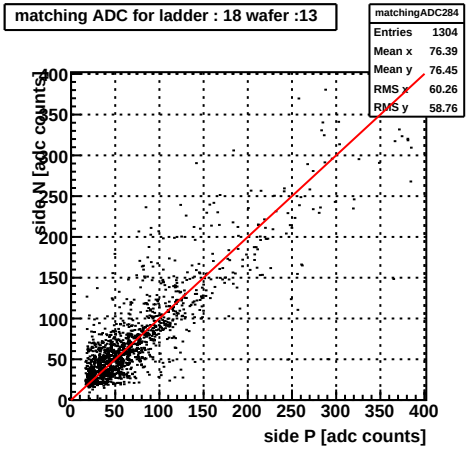

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1109
Mean x 71.37
Mean y 78.86
RMS x 52.17
RMS y 59.06
side N [adc counts]
side P [adc counts]

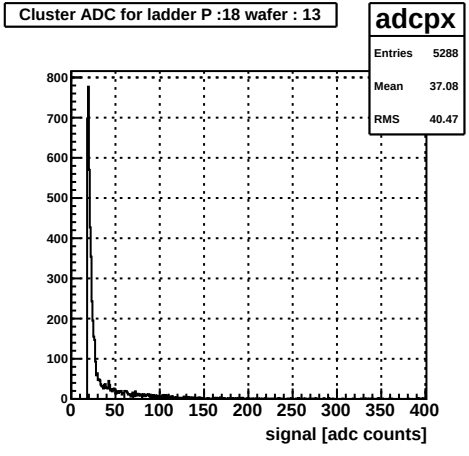

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2318
Mean 47.89
RMS 47.48
signal [adc counts]

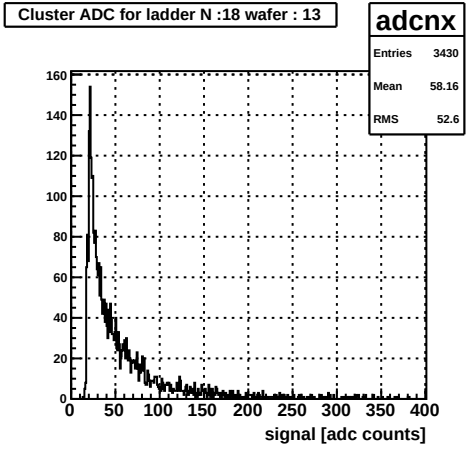

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6700
Mean 37.34
RMS 43.57
signal [adc counts]

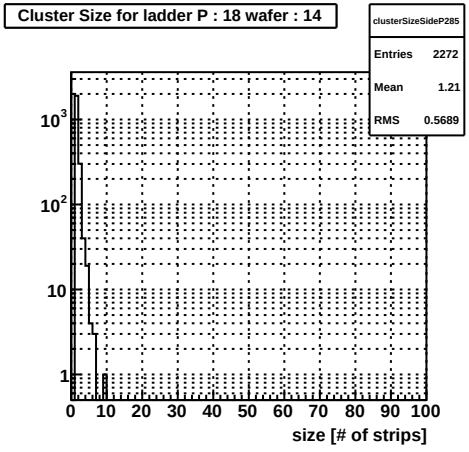

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5288
Mean 1.14
RMS 0.4577
size [# of strips]

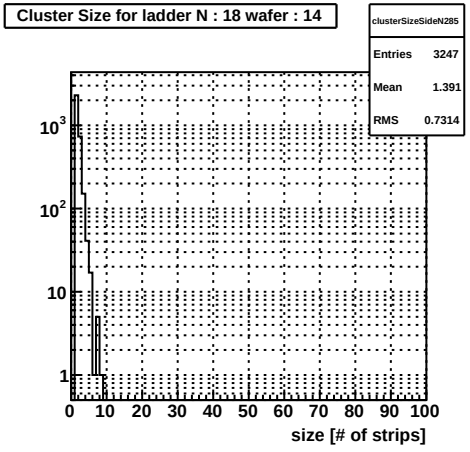

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3430
Mean 1.315
RMS 0.6551
size [# of strips]

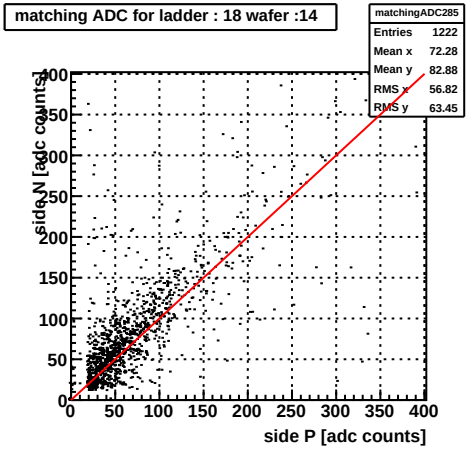

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1304
Mean x 76.39
Mean y 76.45
RMS x 60.26
RMS y 58.76
side N [adc counts]
side P [adc counts]

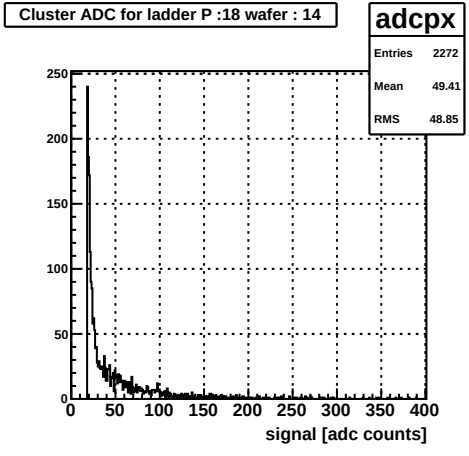

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5288
Mean 37.08
RMS 40.47
signal [adc counts]

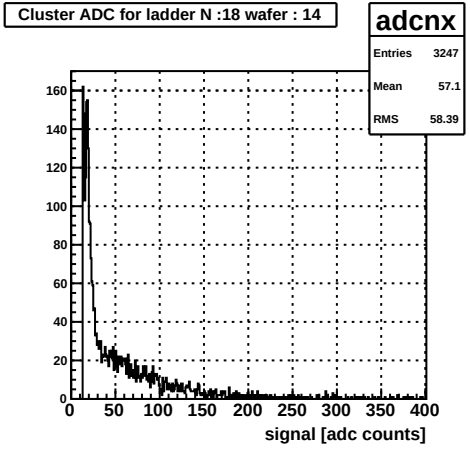

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3430
Mean 58.16
RMS 52.6
signal [adc counts]

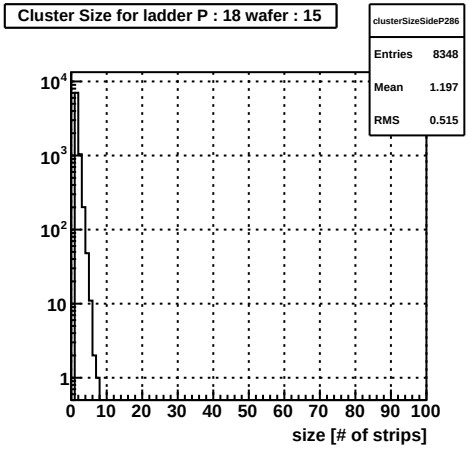

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2272
Mean 1.21
RMS 0.5689
size [# of strips]

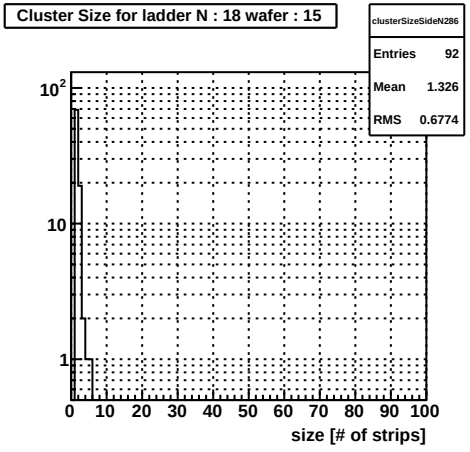

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3247
Mean 1.391
RMS 0.7314
size [# of strips]

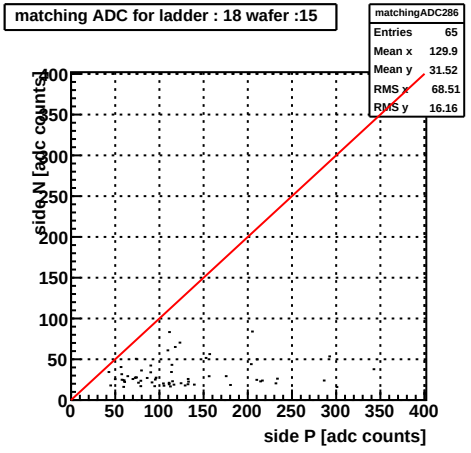

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1222
Mean x 72.28
Mean y 82.88
RMS x 56.82
RMS y 63.45
side N [adc counts]
side P [adc counts]

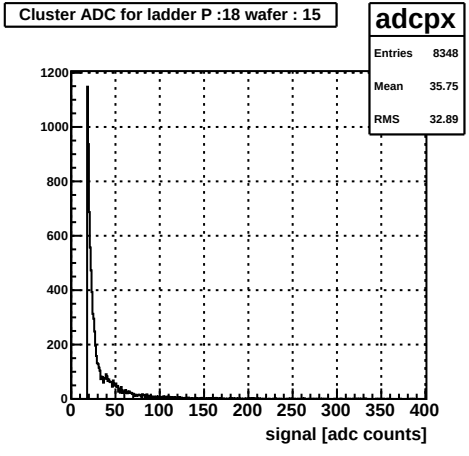

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2272
Mean 49.41
RMS 48.85
signal [adc counts]

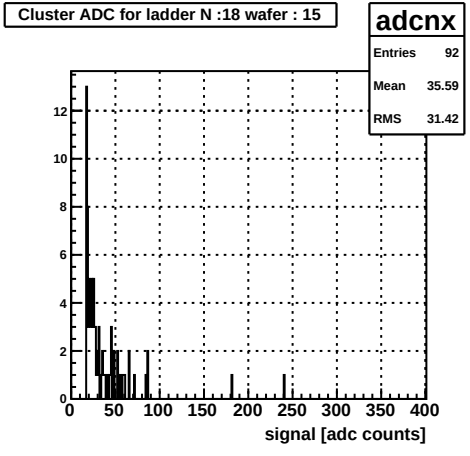

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3247
Mean 57.1
RMS 58.39
signal [adc counts]

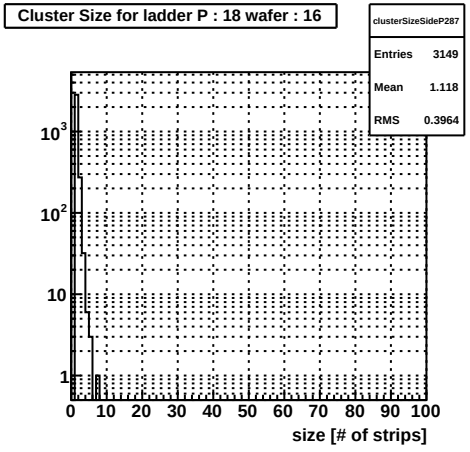

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8348
Mean 1.197
RMS 0.515
size [# of strips]

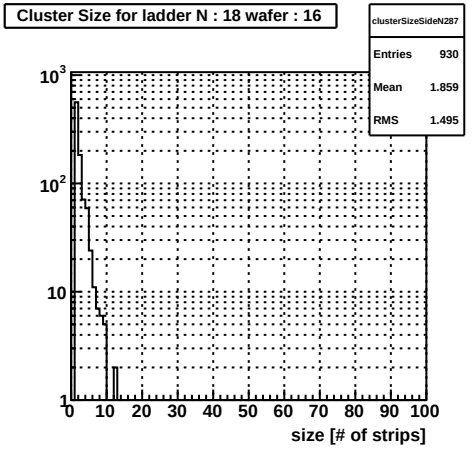

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 92
Mean 1.326
RMS 0.6774
size [# of strips]

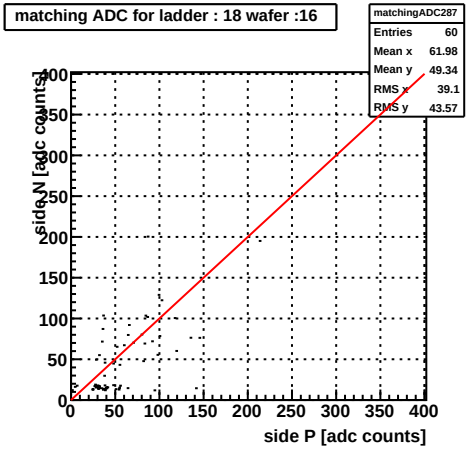

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 65
Mean x 129.9
Mean y 31.52
RMS x 68.51
RMS y 16.16
side N [adc counts]
side P [adc counts]

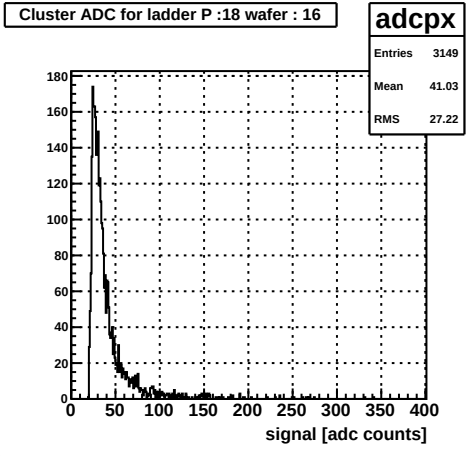

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8348
Mean 35.75
RMS 32.89
signal [adc counts]

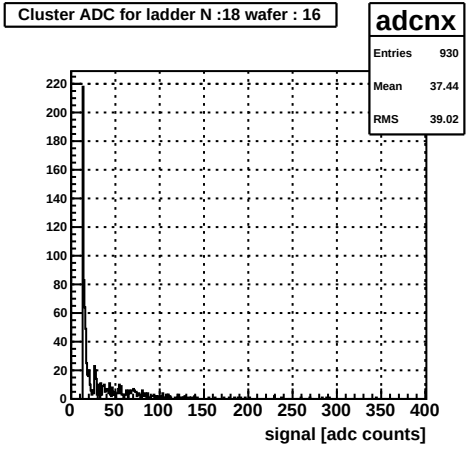

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 92
Mean 35.59
RMS 31.42
signal [adc counts]

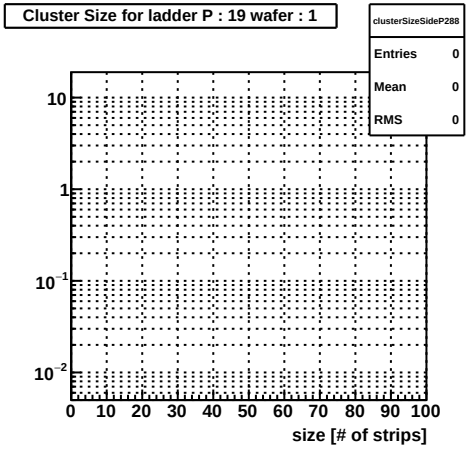

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3149
Mean 1.118
RMS 0.3964
size [# of strips]

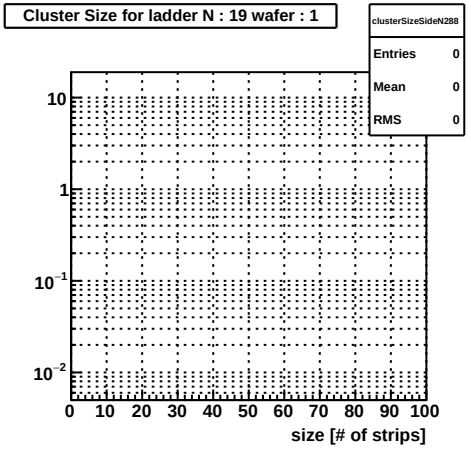

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 930
Mean 1.859
RMS 1.495
size [# of strips]

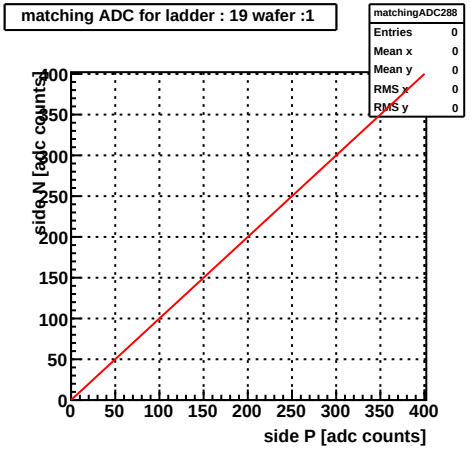

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 60
Mean x 61.98
Mean y 49.34
RMS x 39.1
RMS y 43.57
side N [adc counts]
side P [adc counts]

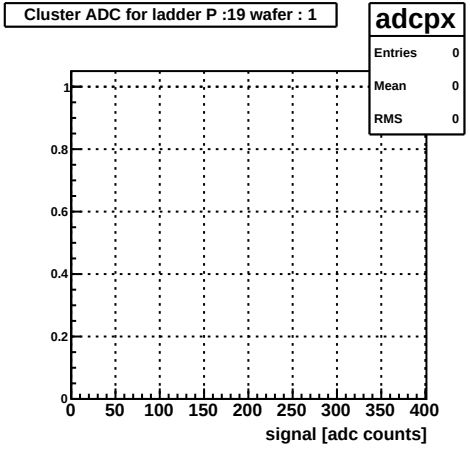

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3149
Mean 41.03
RMS 27.22
signal [adc counts]

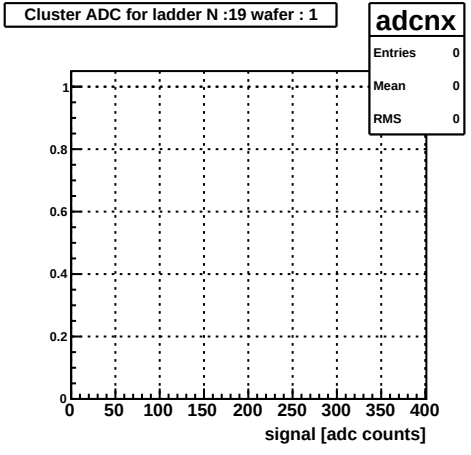

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 930
Mean 37.44
RMS 39.02
signal [adc counts]

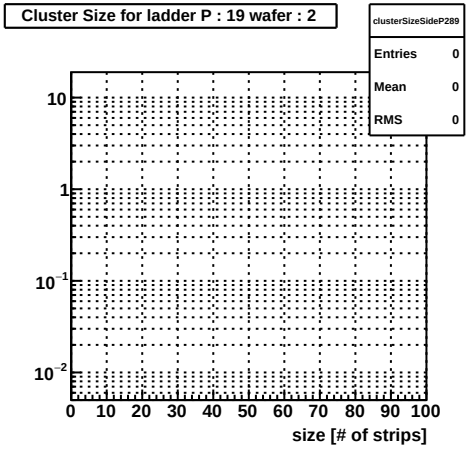

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

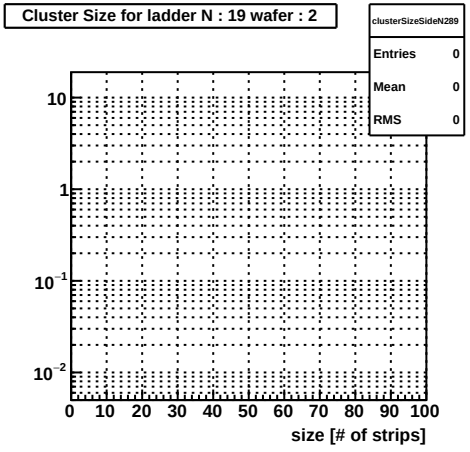

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

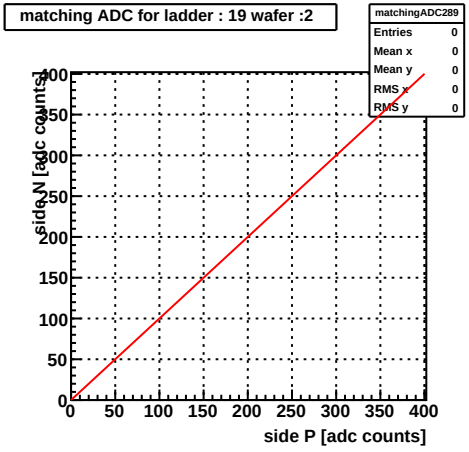

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

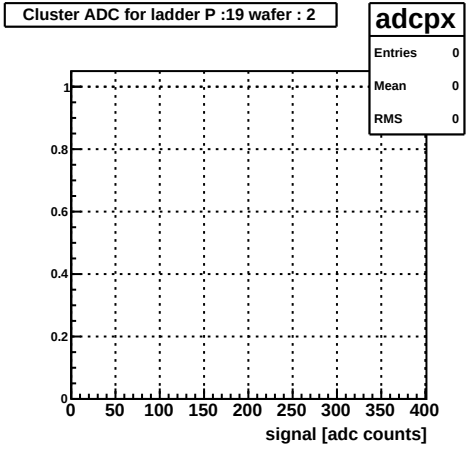

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

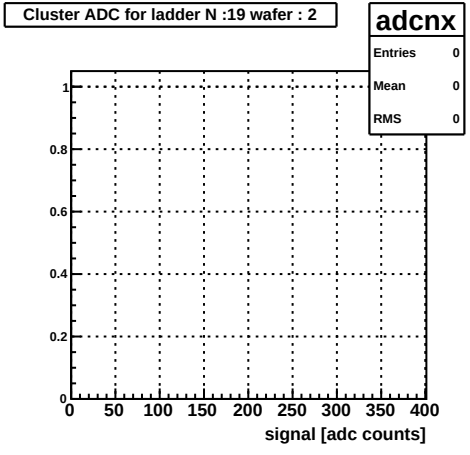

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

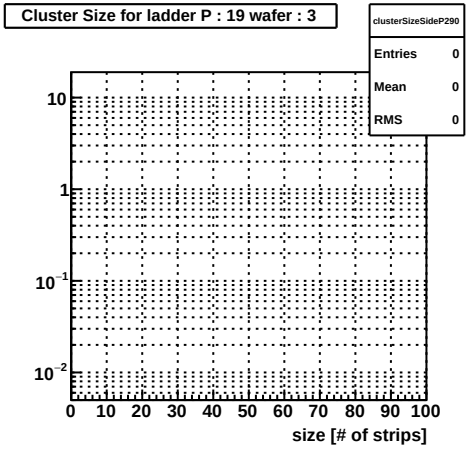

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

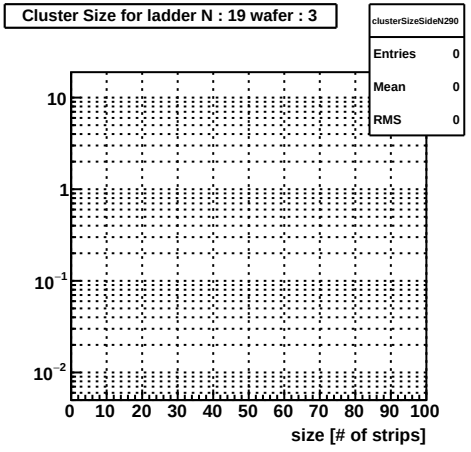

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

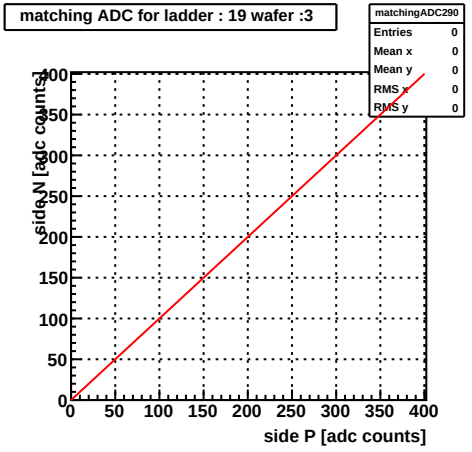

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

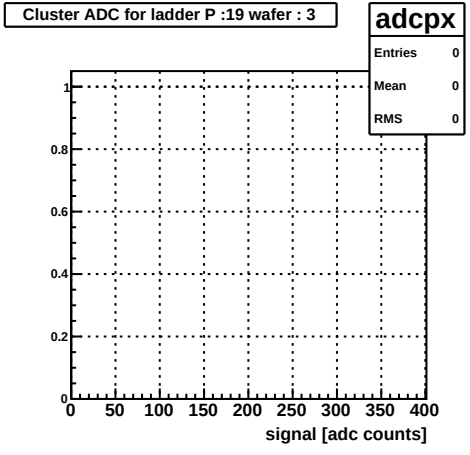

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

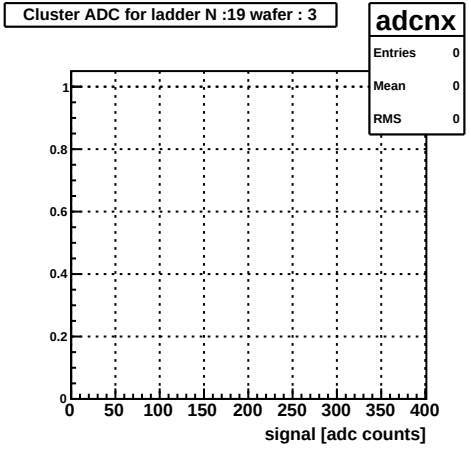

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

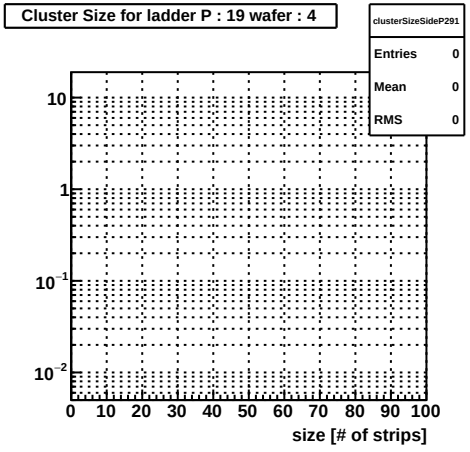

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

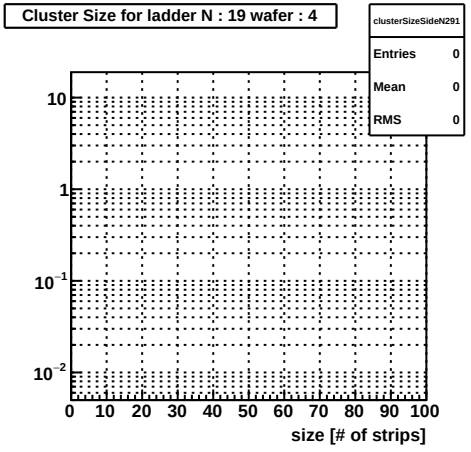

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

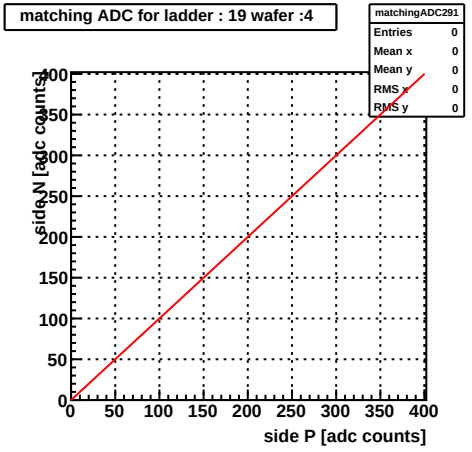

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

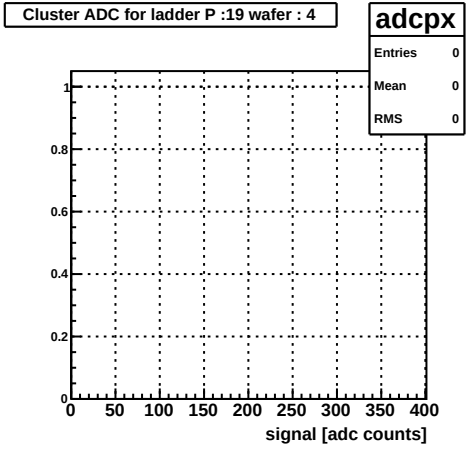

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

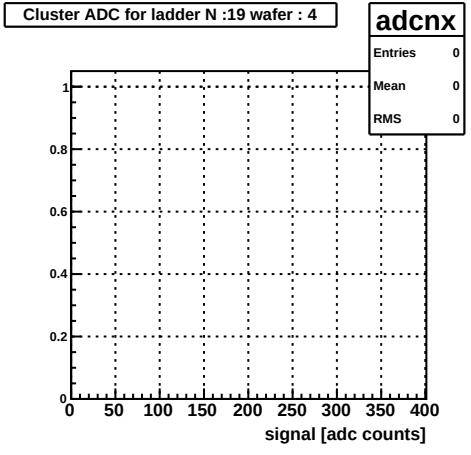

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

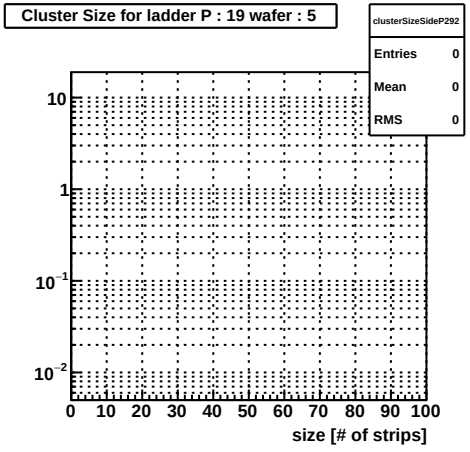

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

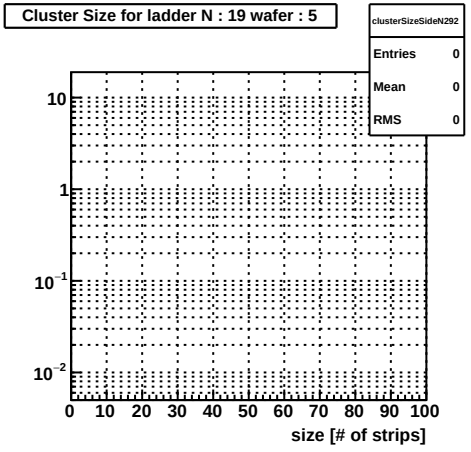

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

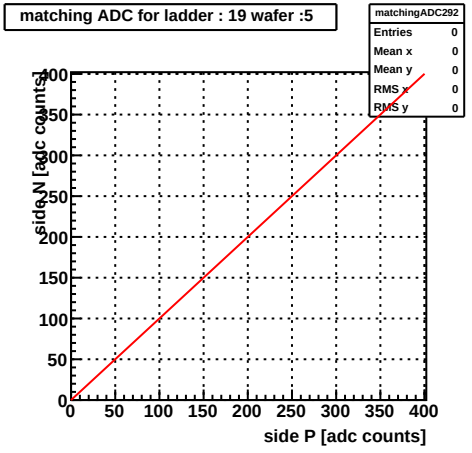

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

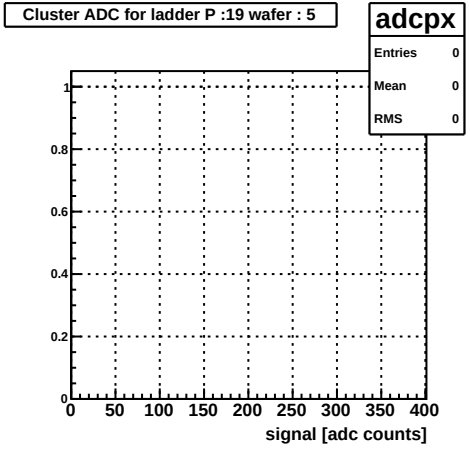

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

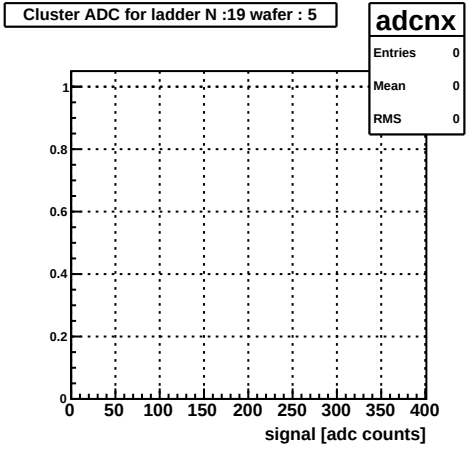

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

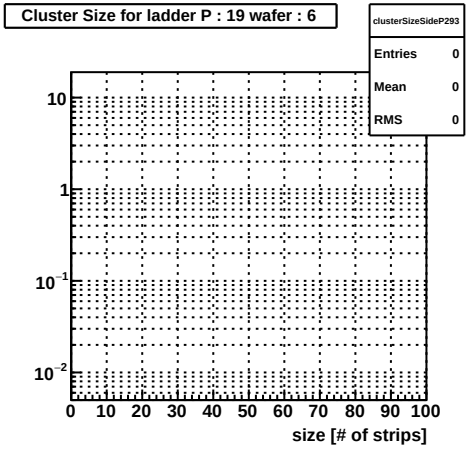

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

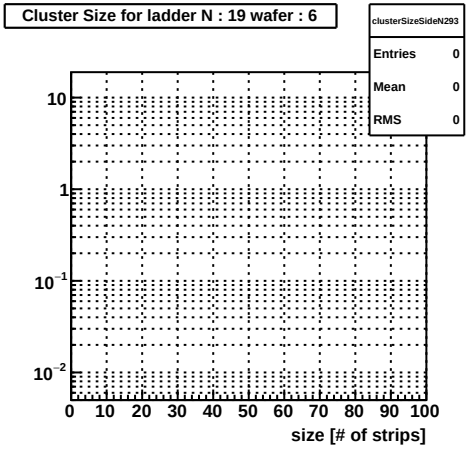

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

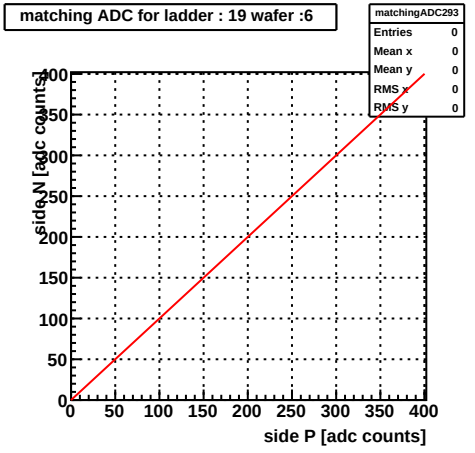

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

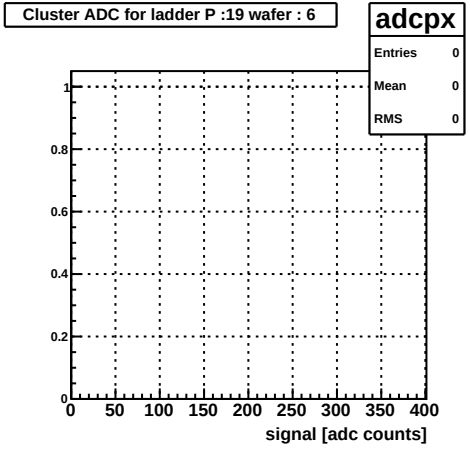

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

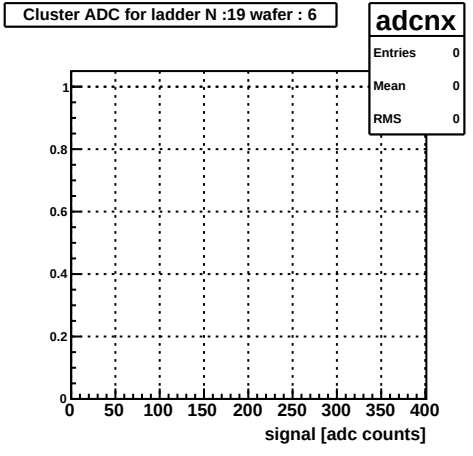

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

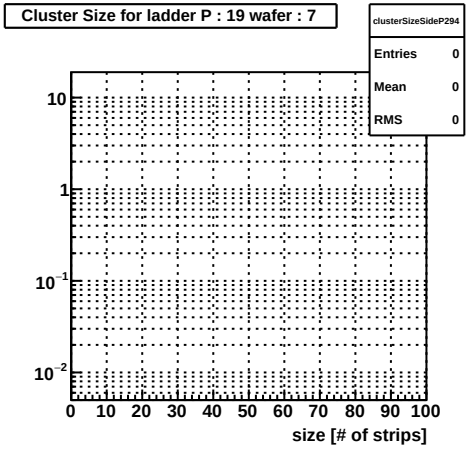

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

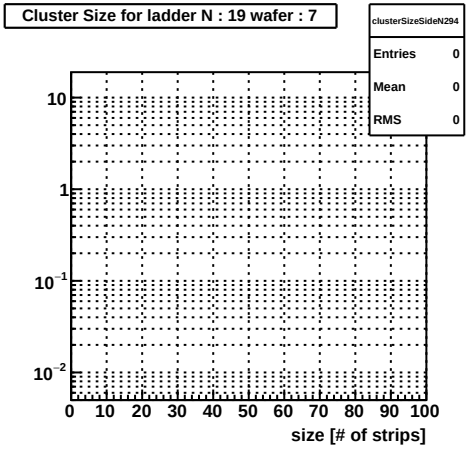

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

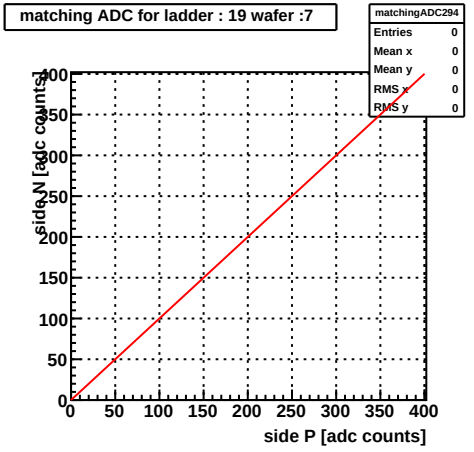

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

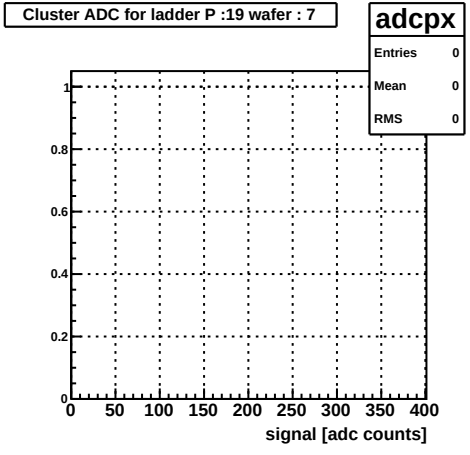

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

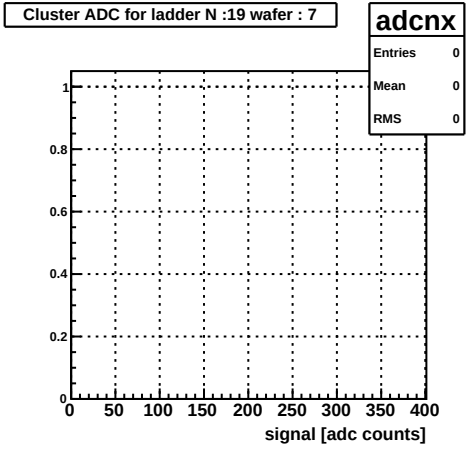

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

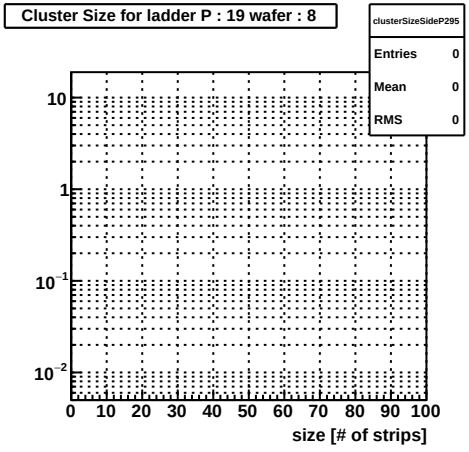

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

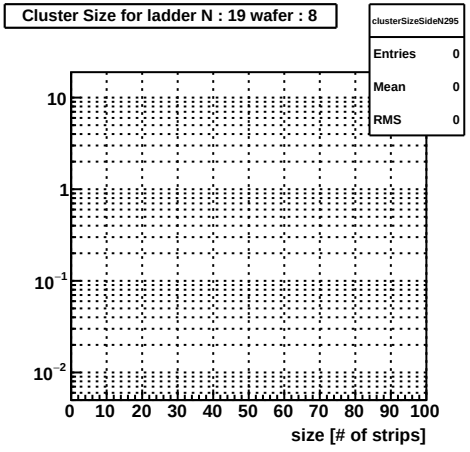

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

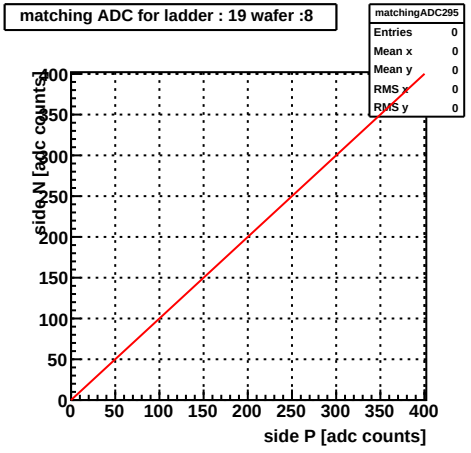

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

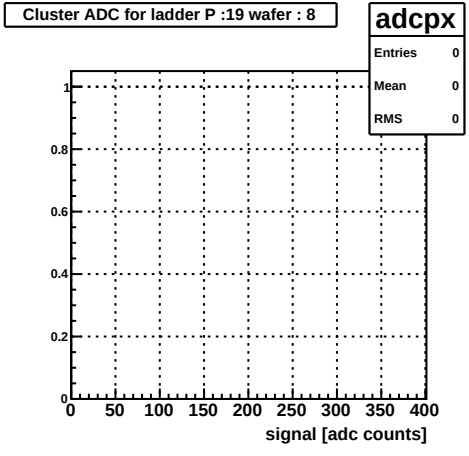

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

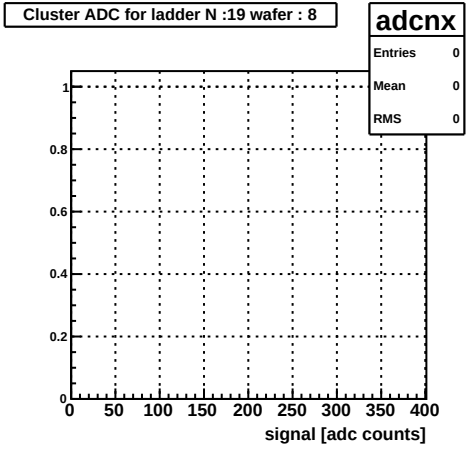

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

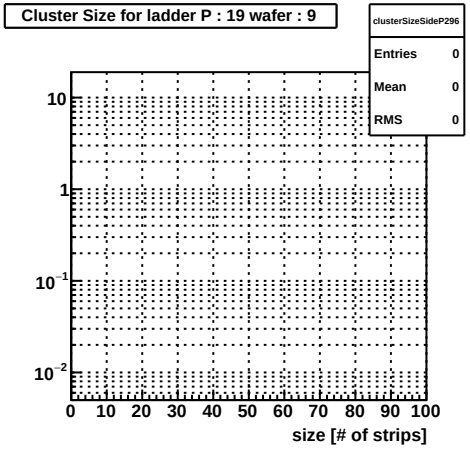

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

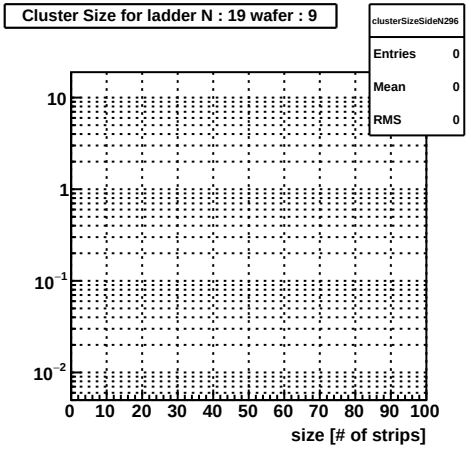

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

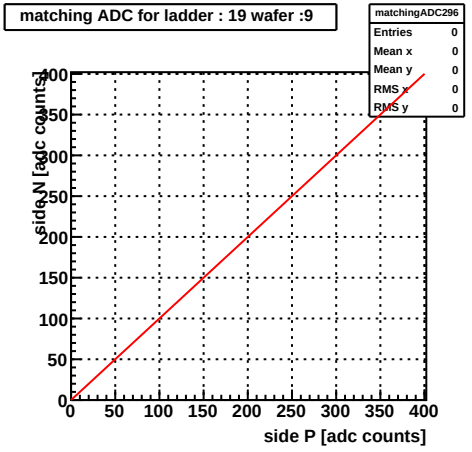

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

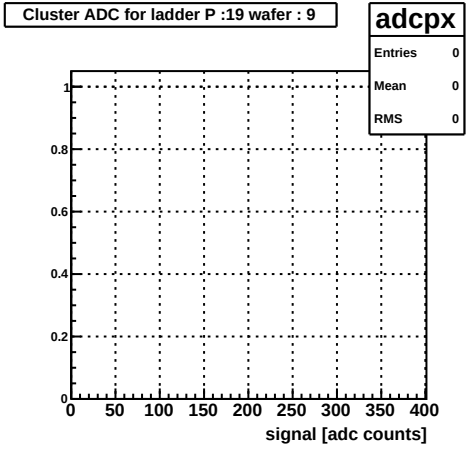

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

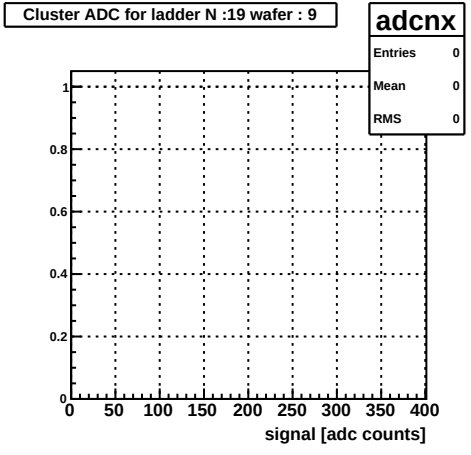

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

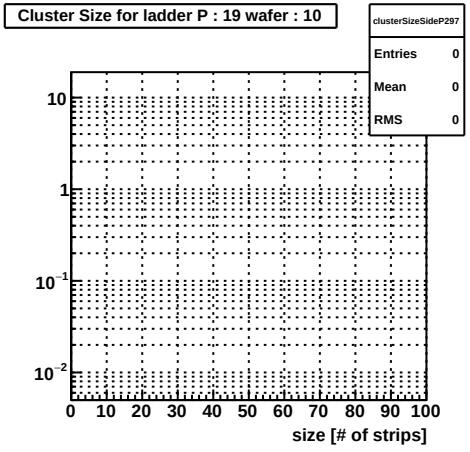

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

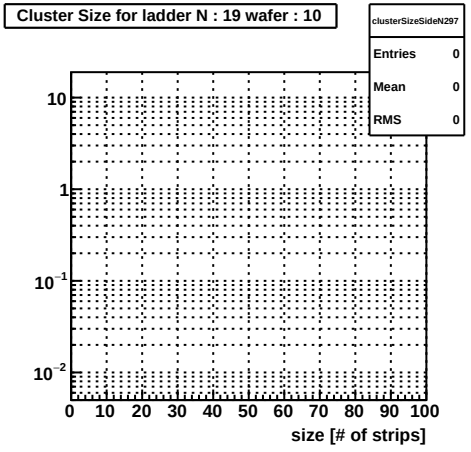

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

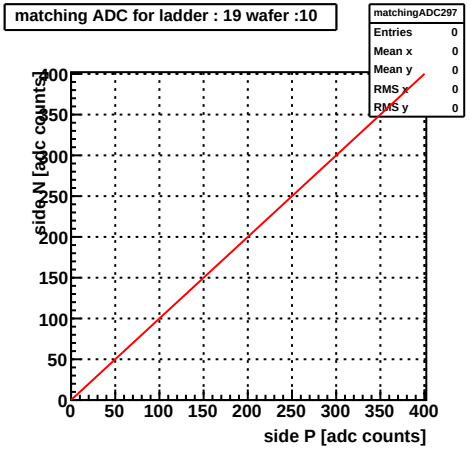

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

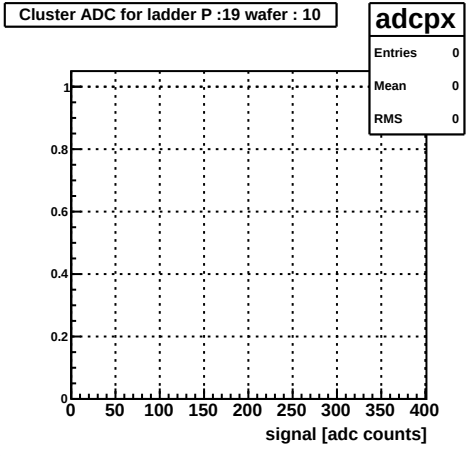

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

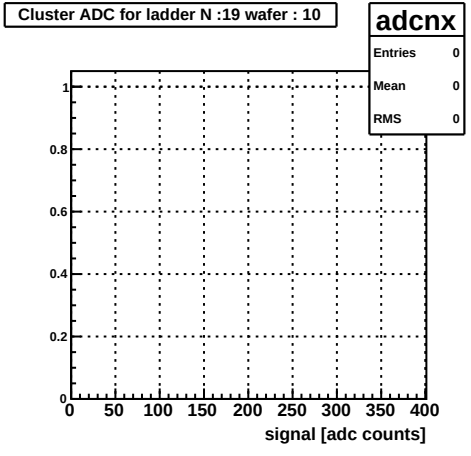

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

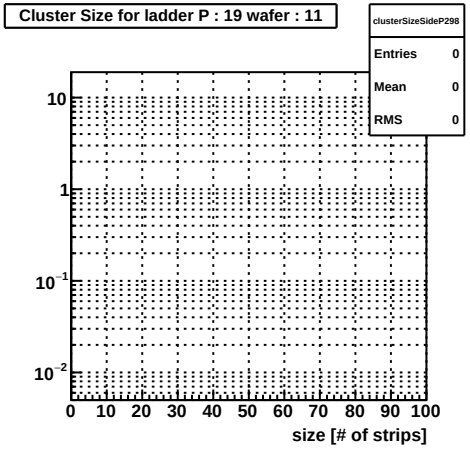

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

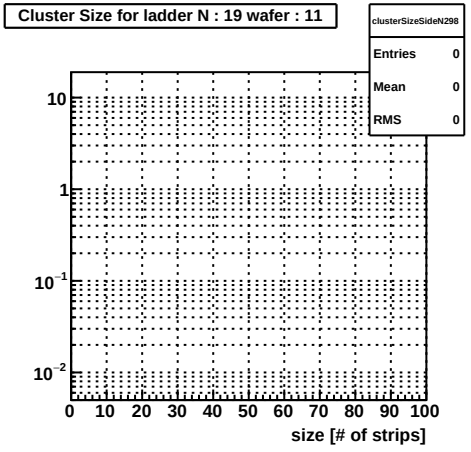

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

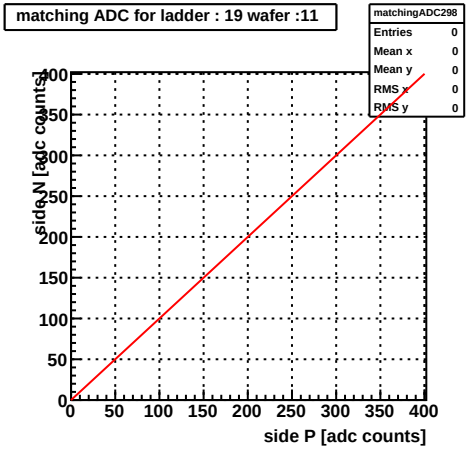

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

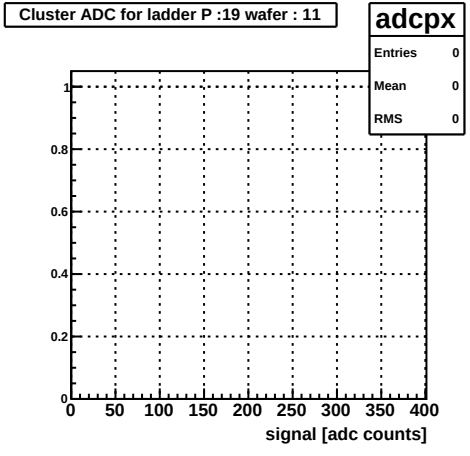

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

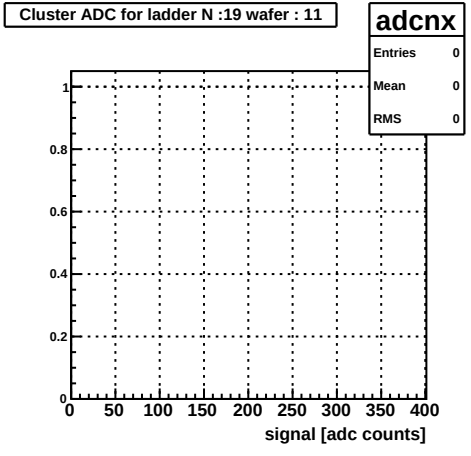

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

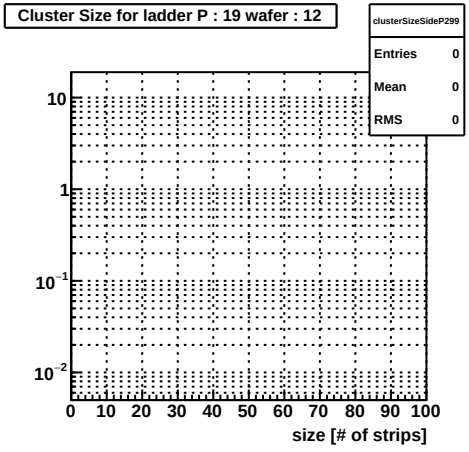

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

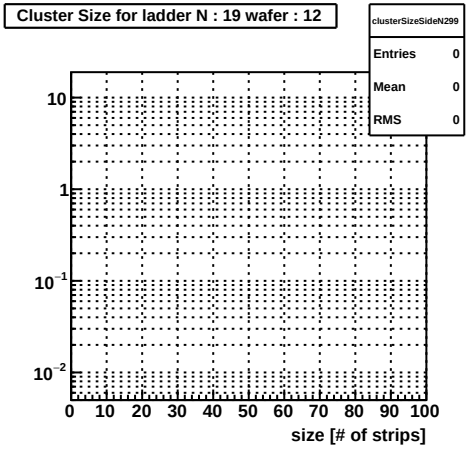

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

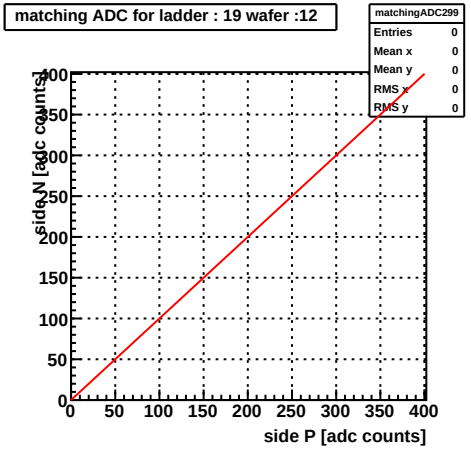

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

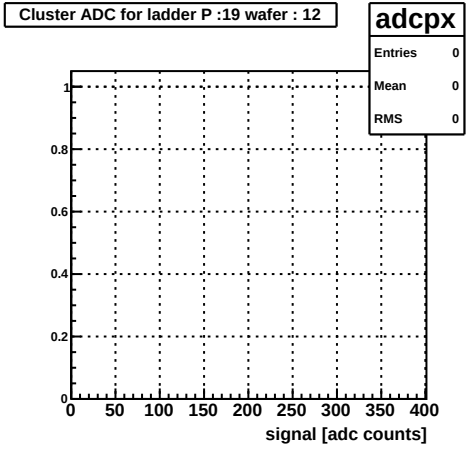

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

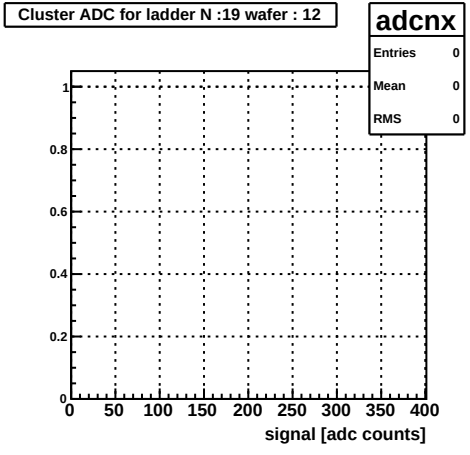

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

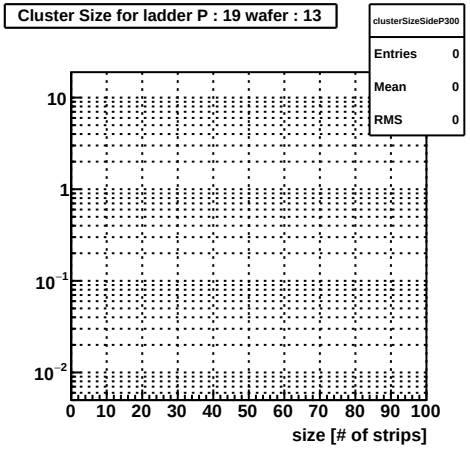

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

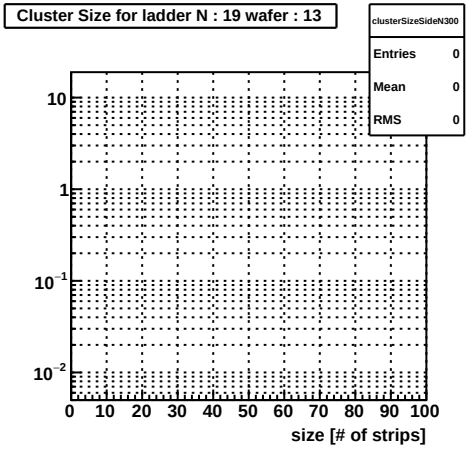

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

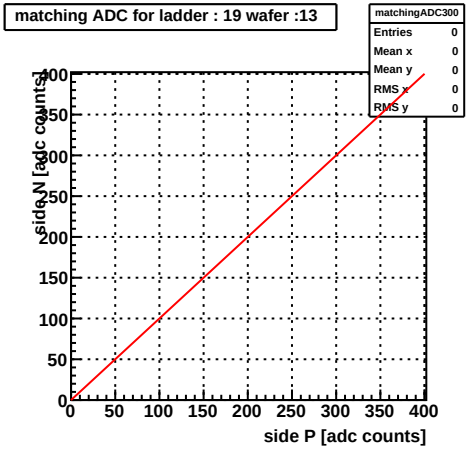

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

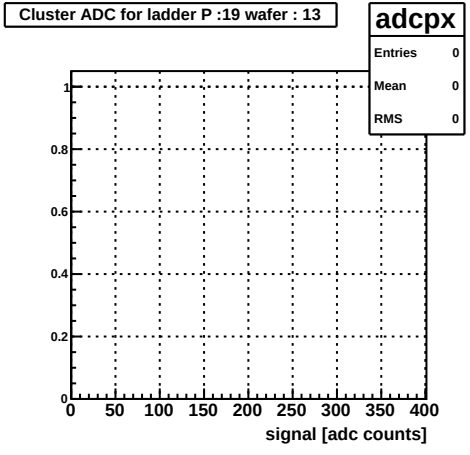

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

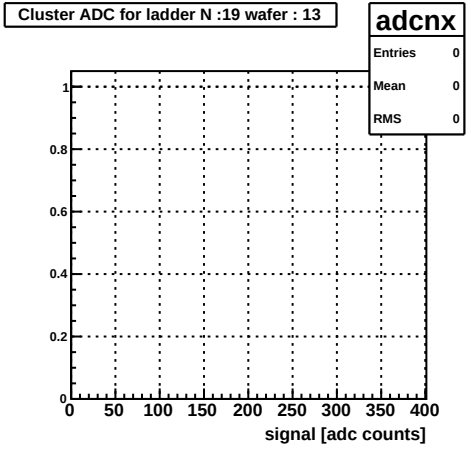

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

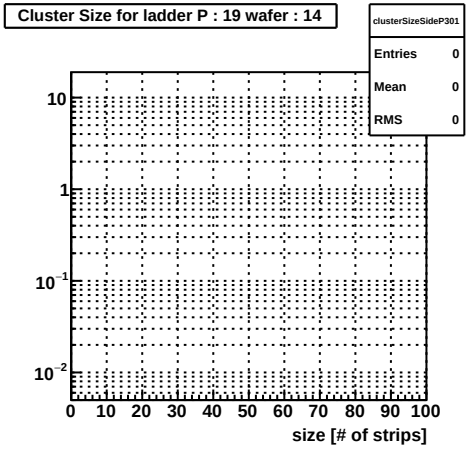

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

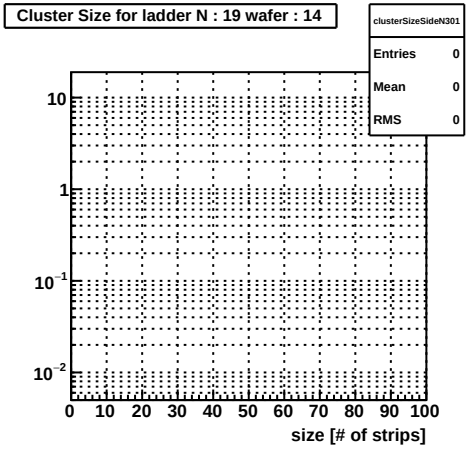

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

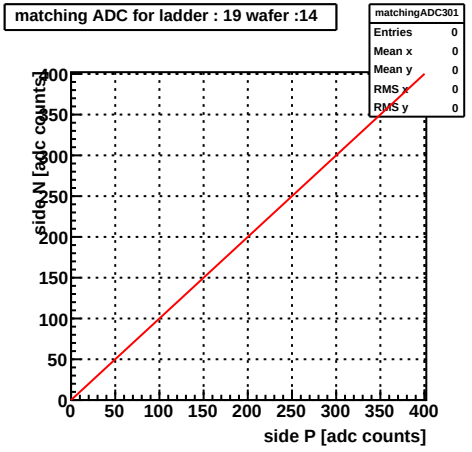

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

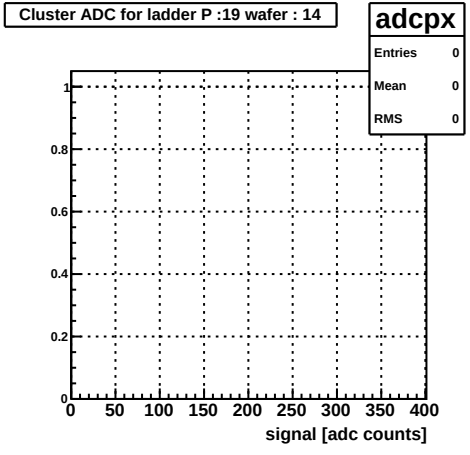

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

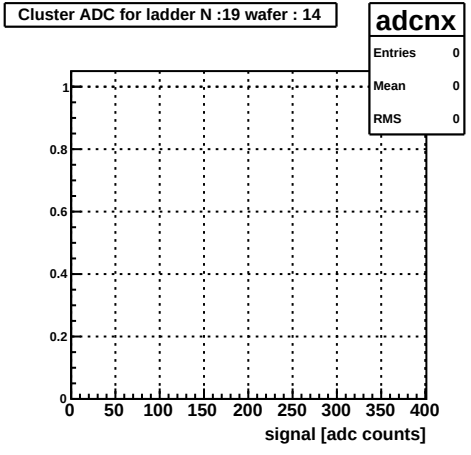

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

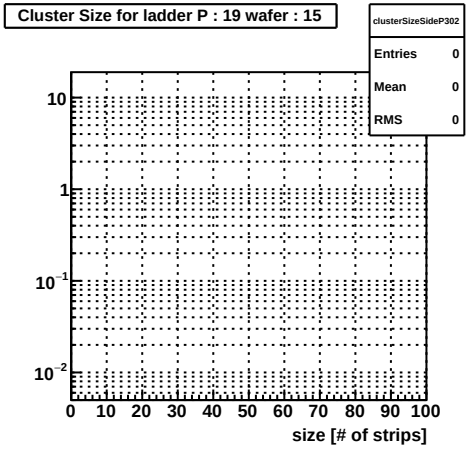

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

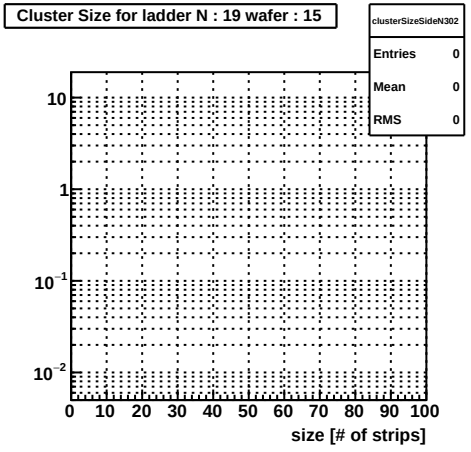

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

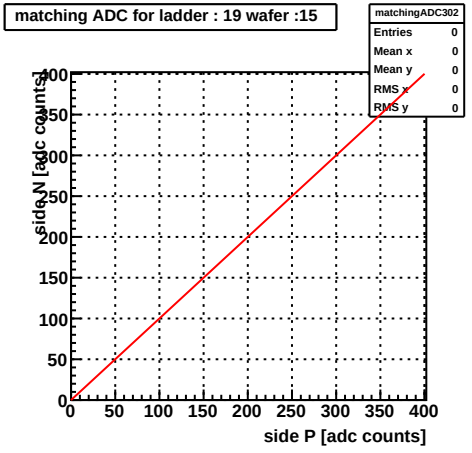

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

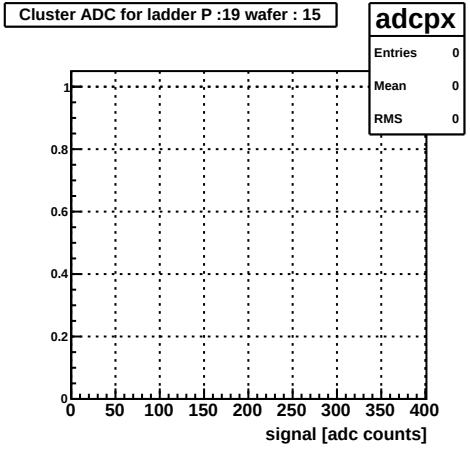

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

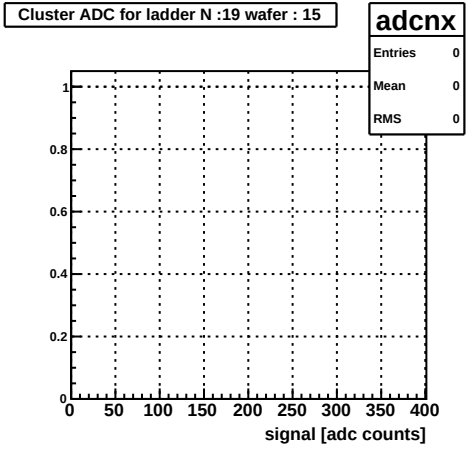

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

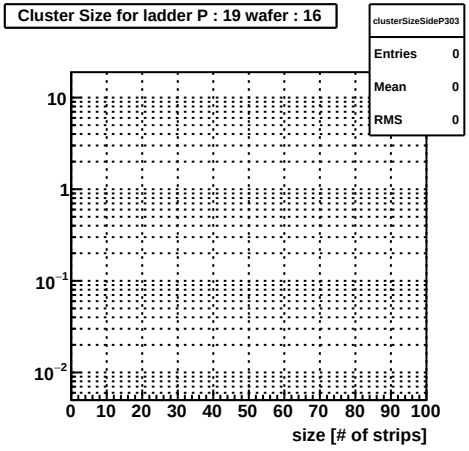

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

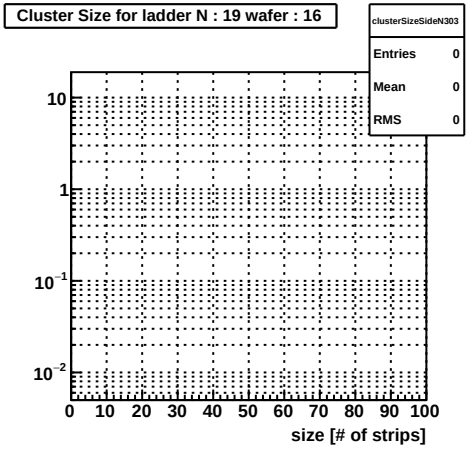

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

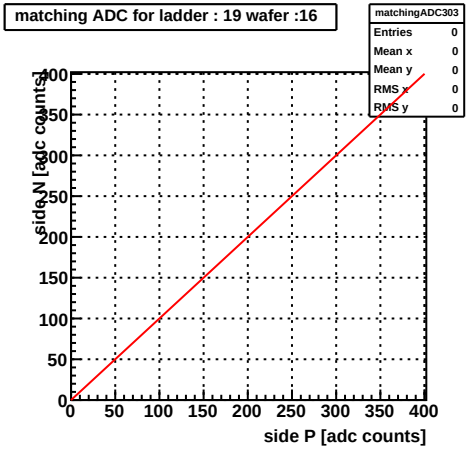

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

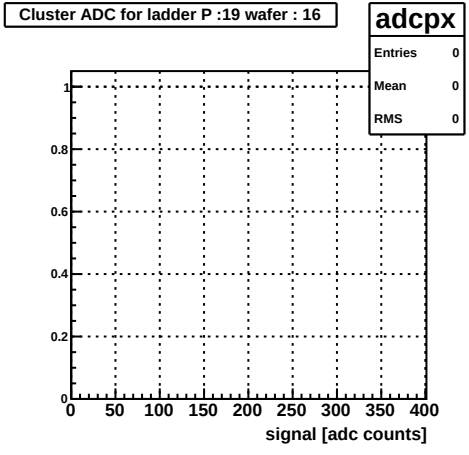

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

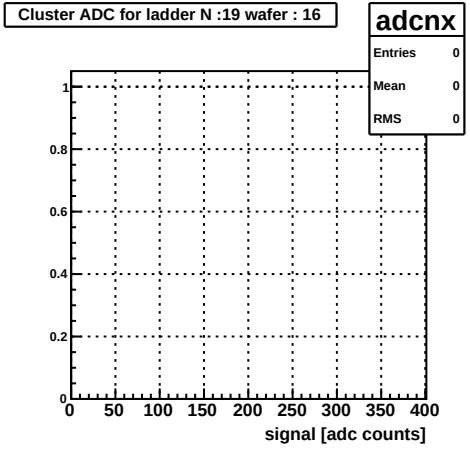

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

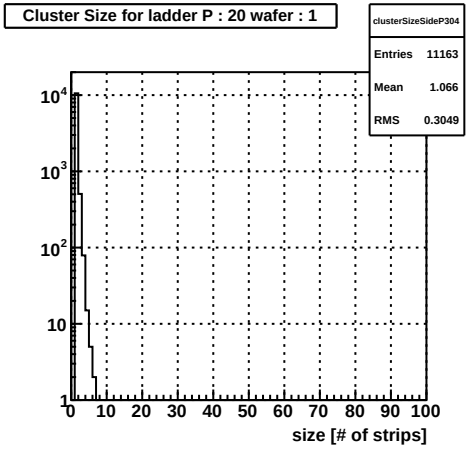

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

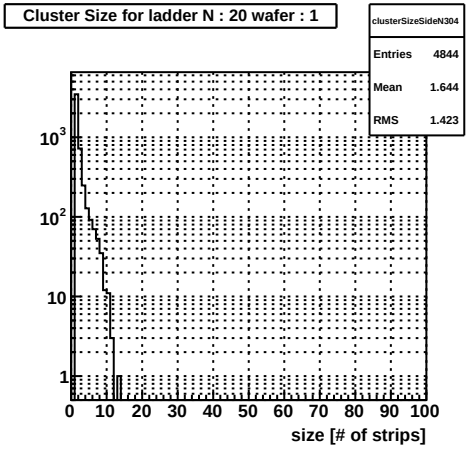

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

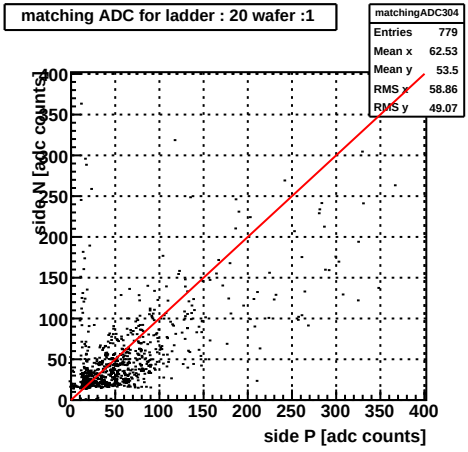

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

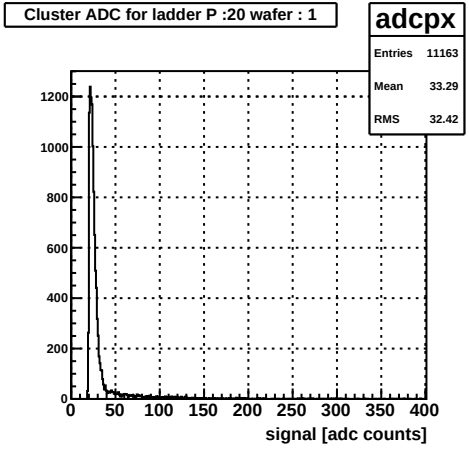

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

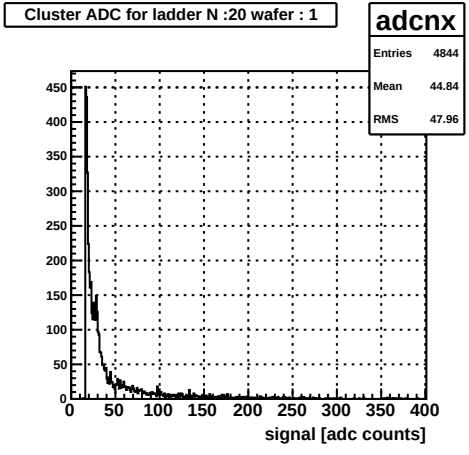

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

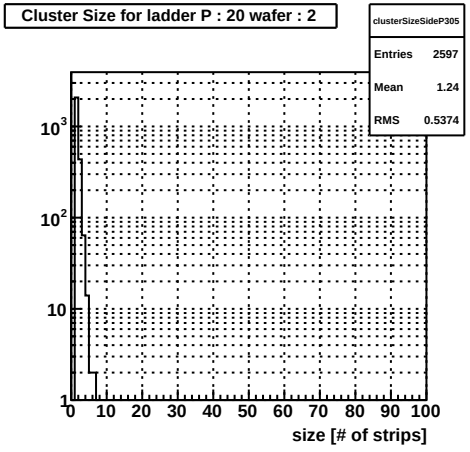

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 11163
Mean 1.066
RMS 0.3049
size [# of strips]

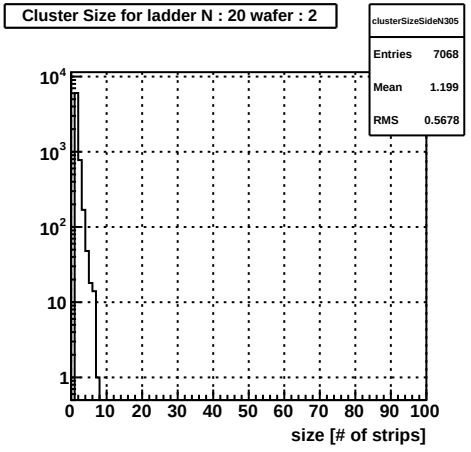

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4844
Mean 1.644
RMS 1.423
size [# of strips]

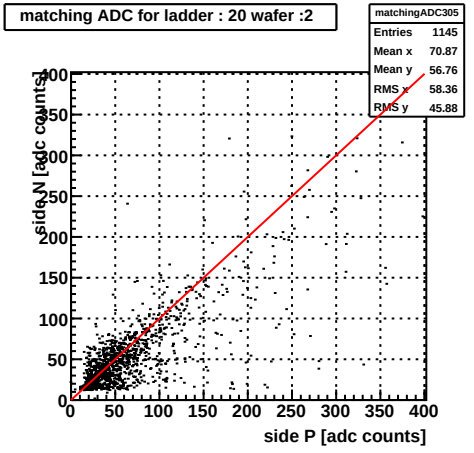

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 779
Mean x 62.53
Mean y 53.5
RMS x 58.86
RMS y 49.07
side N [adc counts]
side P [adc counts]

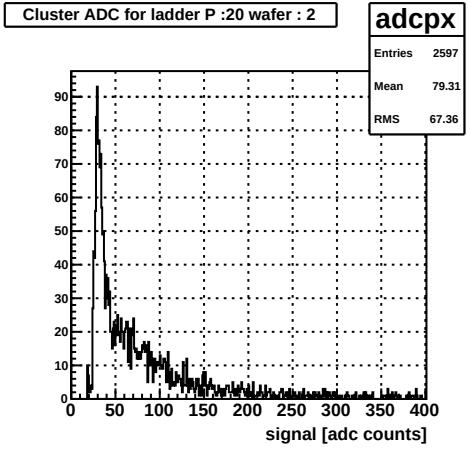

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 11163
Mean 33.29
RMS 32.42
signal [adc counts]

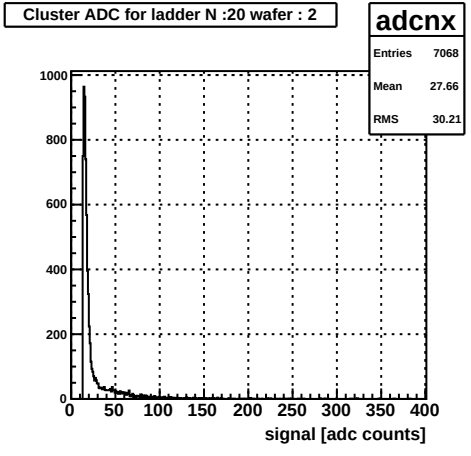

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4844
Mean 44.84
RMS 47.96
signal [adc counts]

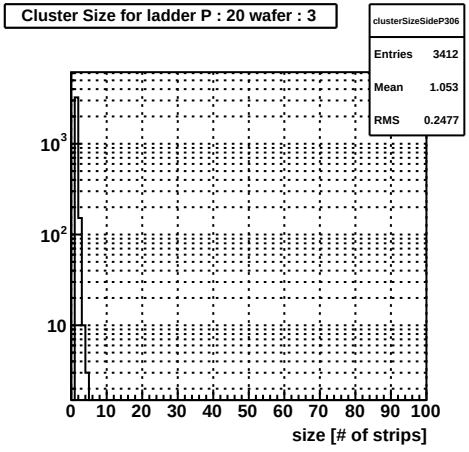

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2597
Mean 1.24
RMS 0.5374
size [# of strips]

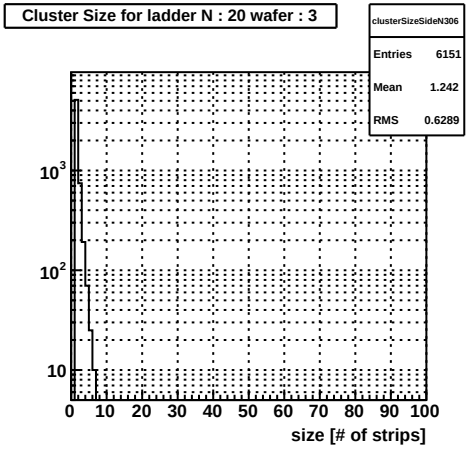

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7068
Mean 1.199
RMS 0.5678
size [# of strips]

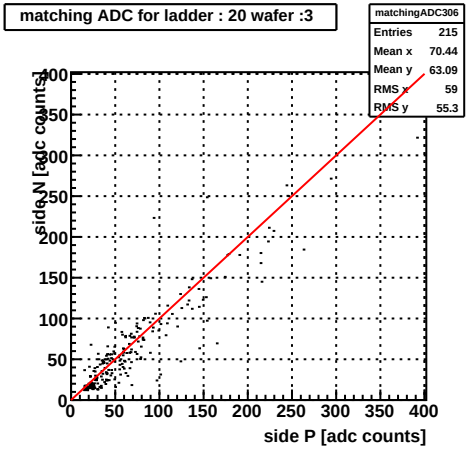

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1145
Mean x 70.87
Mean y 56.76
RMS x 58.36
RMS y 45.88
side N [adc counts]
side P [adc counts]

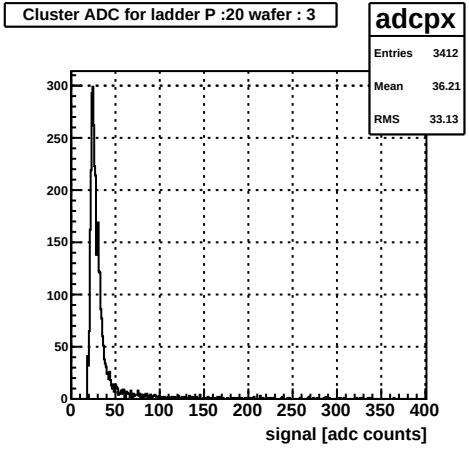

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2597
Mean 79.31
RMS 67.36
signal [adc counts]

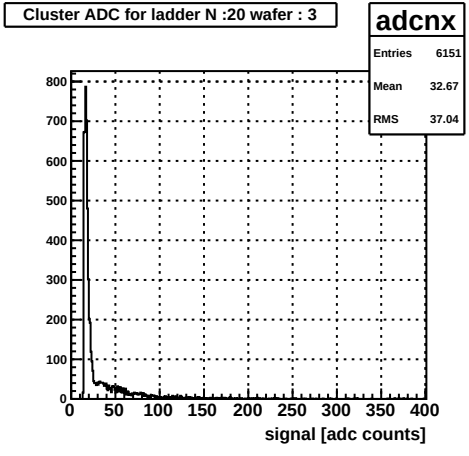

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7068
Mean 27.66
RMS 30.21
signal [adc counts]

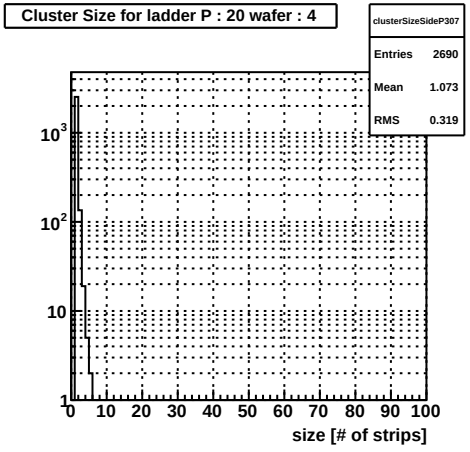

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3412
Mean 1.053
RMS 0.2477
size [# of strips]

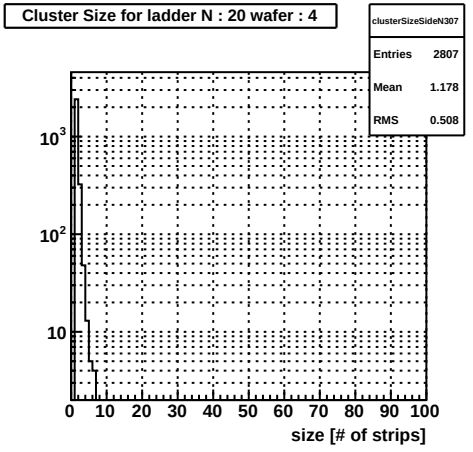

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6151
Mean 1.242
RMS 0.6289
size [# of strips]

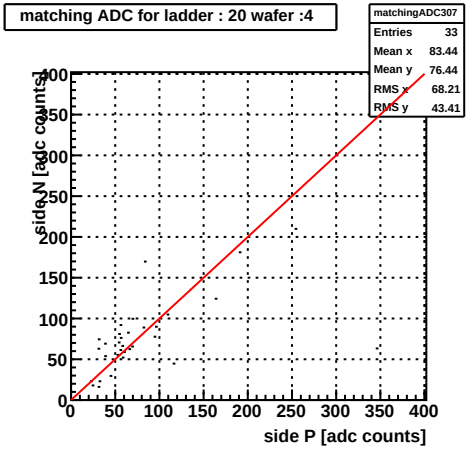

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 215
Mean x 70.44
Mean y 63.09
RMS x 59
RMS y 55.3
side N [adc counts]
side P [adc counts]

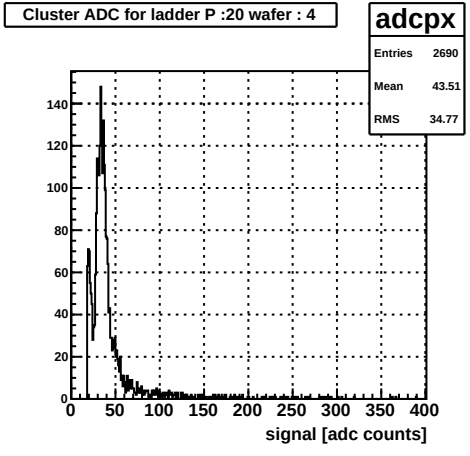

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3412
Mean 36.21
RMS 33.13
signal [adc counts]

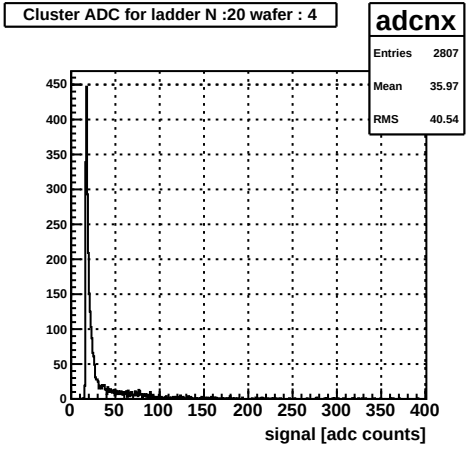

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6151
Mean 32.67
RMS 37.04
signal [adc counts]

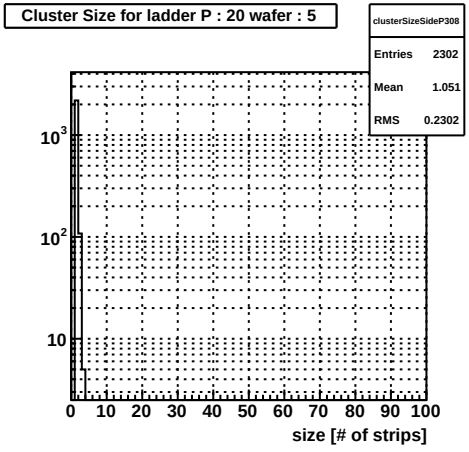

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2690
Mean 1.073
RMS 0.319
size [# of strips]

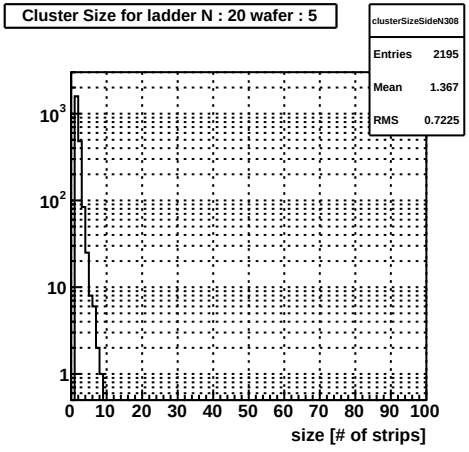

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2807
Mean 1.178
RMS 0.508
size [# of strips]

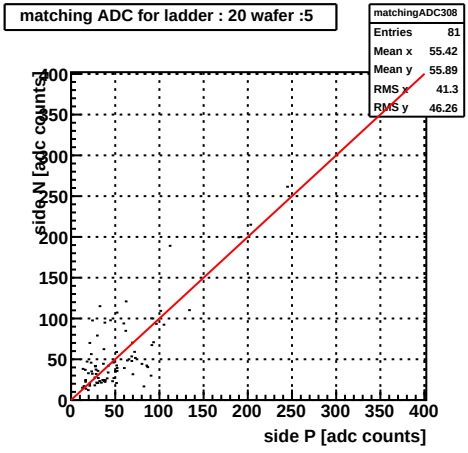

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 33
Mean x 83.44
Mean y 76.44
RMS x 68.21
RMS y 43.41
side N [adc counts]
side P [adc counts]

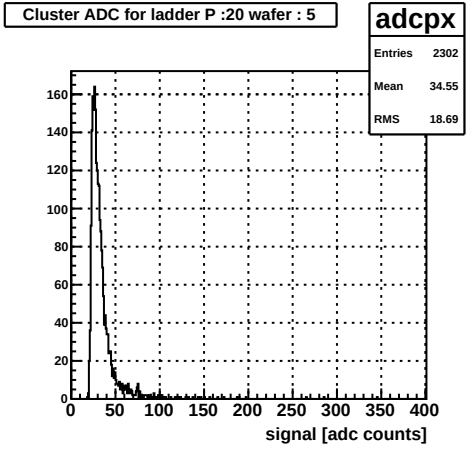

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2690
Mean 43.51
RMS 34.77
signal [adc counts]

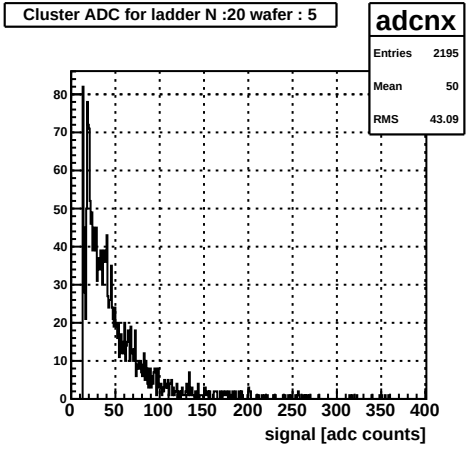

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2807
Mean 35.97
RMS 40.54
signal [adc counts]

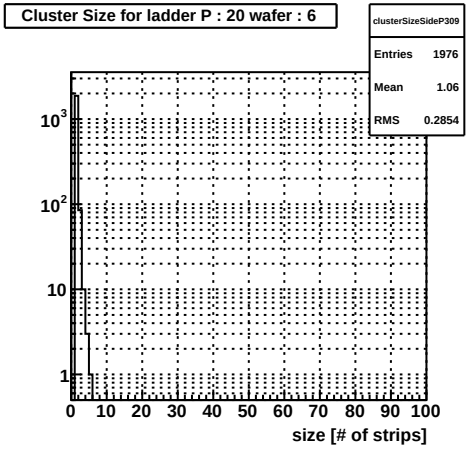

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2302
Mean 1.051
RMS 0.2302
size [# of strips]

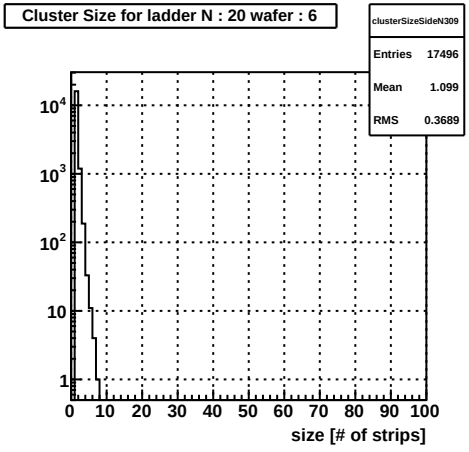

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2195
Mean 1.367
RMS 0.7225
size [# of strips]

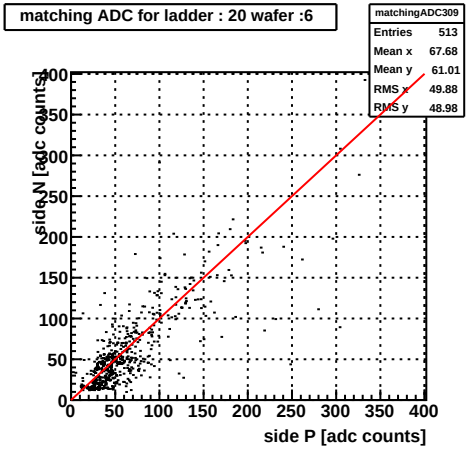

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 81
Mean x 55.42
Mean y 55.89
RMS x 41.3
RMS y 46.26
side N [adc counts]
side P [adc counts]

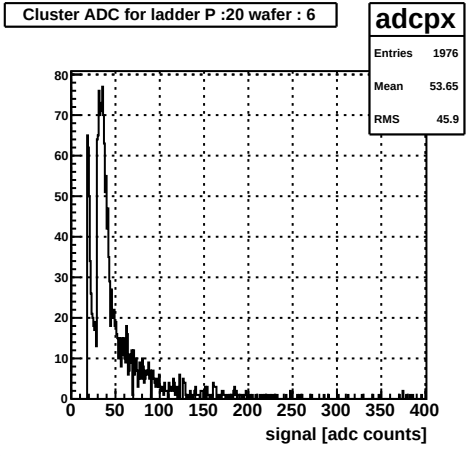

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2302
Mean 34.55
RMS 18.69
signal [adc counts]

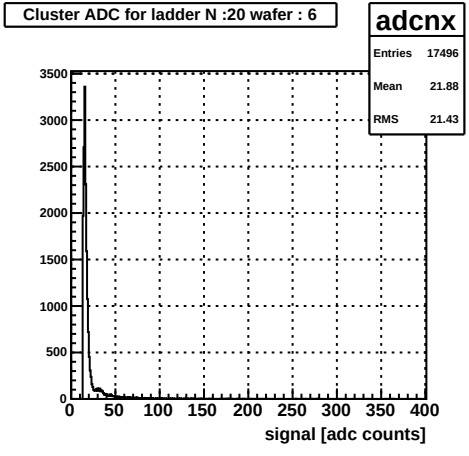

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2195
Mean 50
RMS 43.09
signal [adc counts]

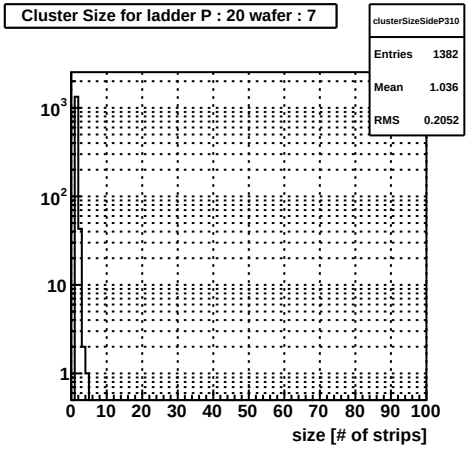

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1976
Mean 1.06
RMS 0.2854
size [# of strips]

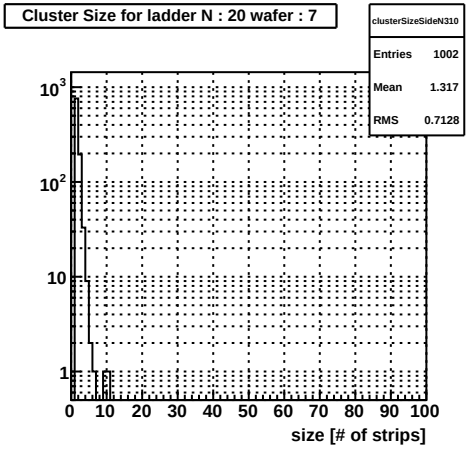

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 17496
Mean 1.099
RMS 0.3689
size [# of strips]

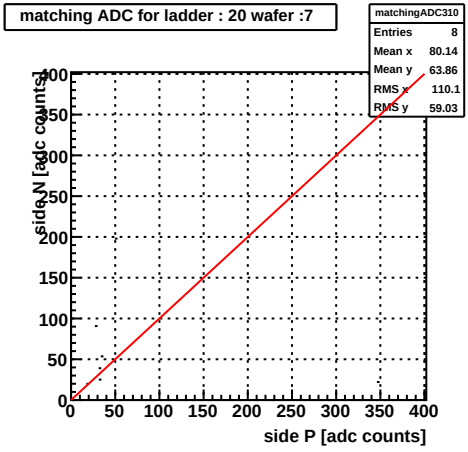

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 513
Mean x 67.68
Mean y 61.01
RMS x 49.88
RMS y 48.98
side N [adc counts]
side P [adc counts]

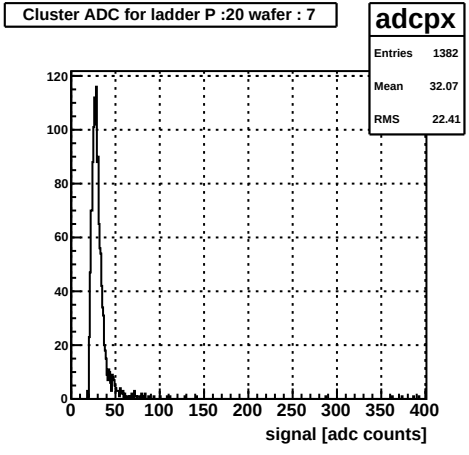

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1976
Mean 53.65
RMS 45.9
signal [adc counts]

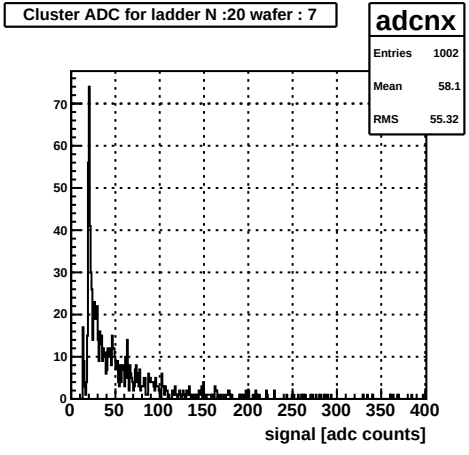

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 17496
Mean 21.88
RMS 21.43
signal [adc counts]

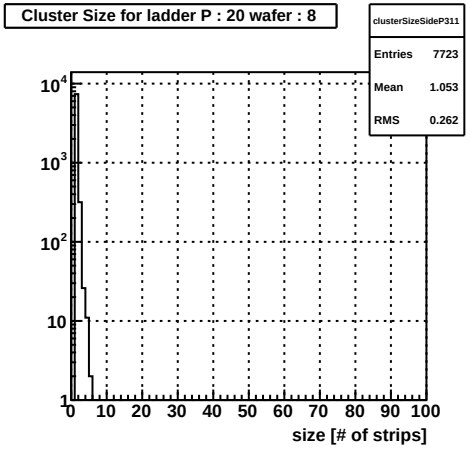

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1382
Mean 1.036
RMS 0.2052
size [# of strips]

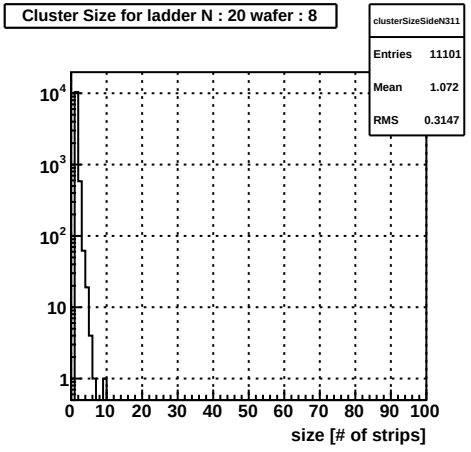

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1002
Mean 1.317
RMS 0.7128
size [# of strips]

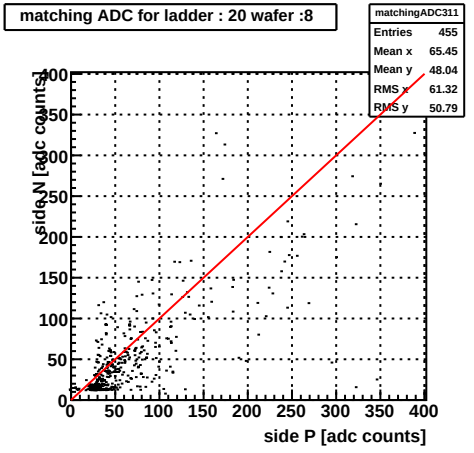

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 8
Mean x 80.14
Mean y 63.86
RMS x 110.1
RMS y 59.03
side N [adc counts]
side P [adc counts]

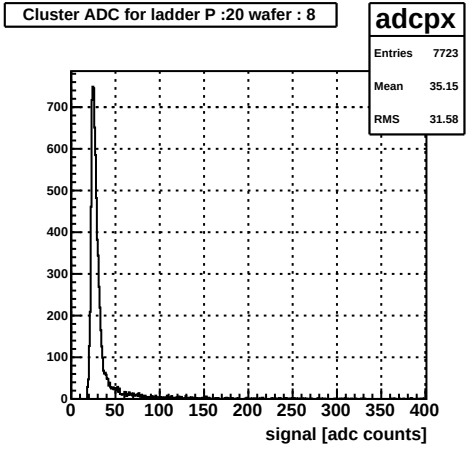

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1382
Mean 32.07
RMS 22.41
signal [adc counts]

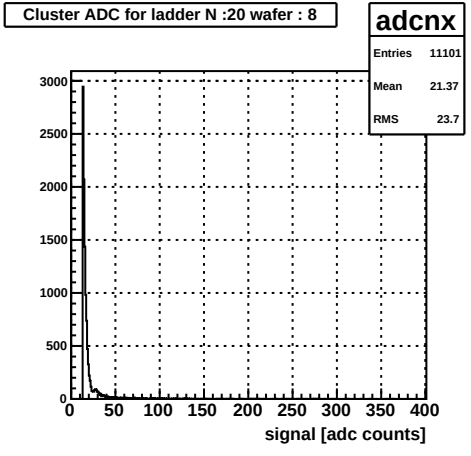

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1002
Mean 58.1
RMS 55.32
signal [adc counts]

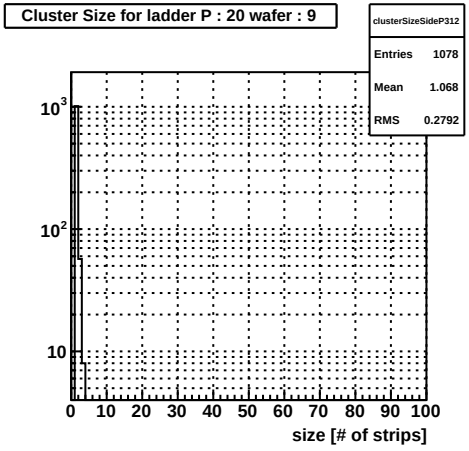

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7723
Mean 1.053
RMS 0.262
size [# of strips]

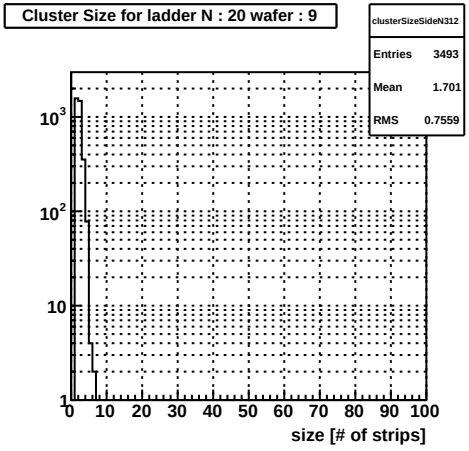

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11101
Mean 1.072
RMS 0.3147
size [# of strips]

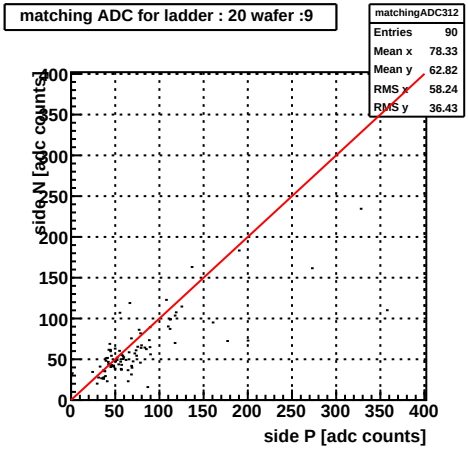

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 455
Mean x 65.45
Mean y 48.04
RMS x 61.32
RMS y 50.79
side N [adc counts]
side P [adc counts]

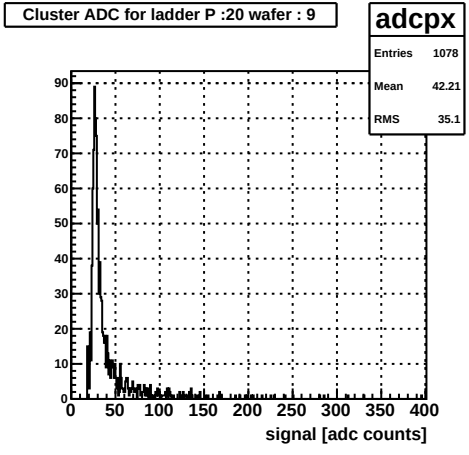

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7723
Mean 35.15
RMS 31.58
signal [adc counts]

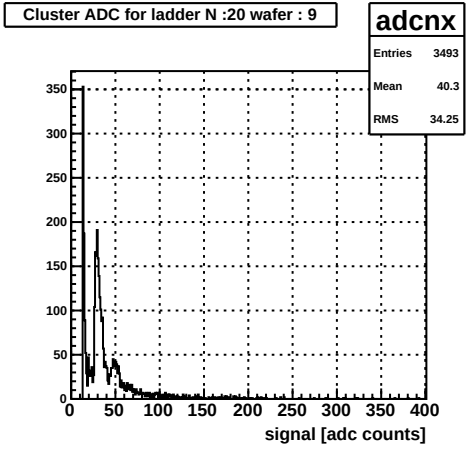

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11101
Mean 21.37
RMS 23.7
signal [adc counts]

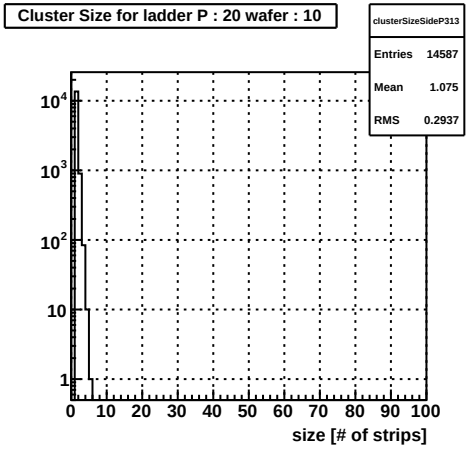

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1078
Mean 1.068
RMS 0.2792
size [# of strips]

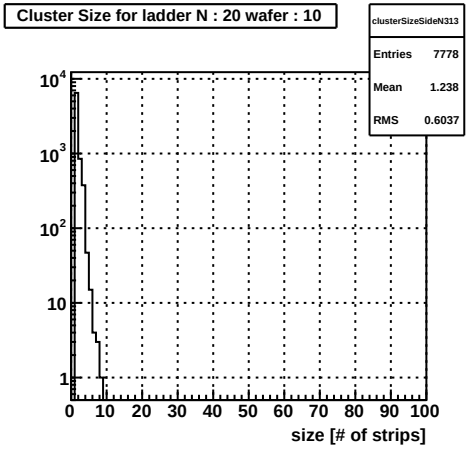

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3493
Mean 1.701
RMS 0.7559
size [# of strips]

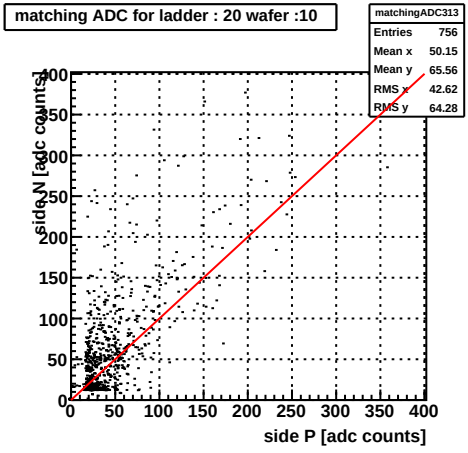

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 90
Mean x 78.33
Mean y 62.82
RMS x 58.24
RMS y 36.43
side N [adc counts]
side P [adc counts]

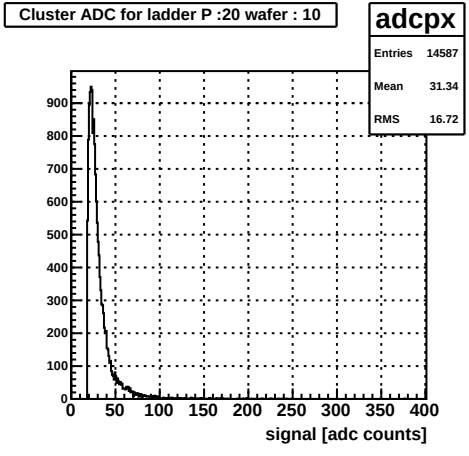

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1078
Mean 42.21
RMS 35.1
signal [adc counts]

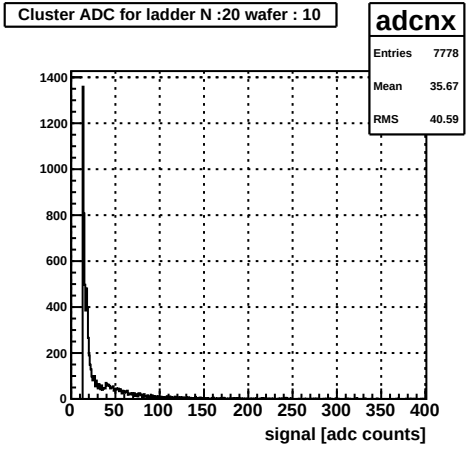

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3493
Mean 40.3
RMS 34.25
signal [adc counts]

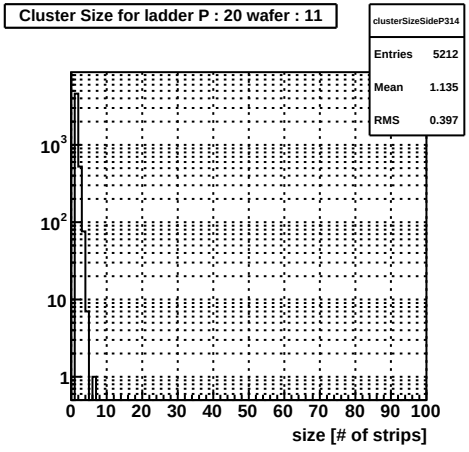

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 14587
Mean 1.075
RMS 0.2937
size [# of strips]

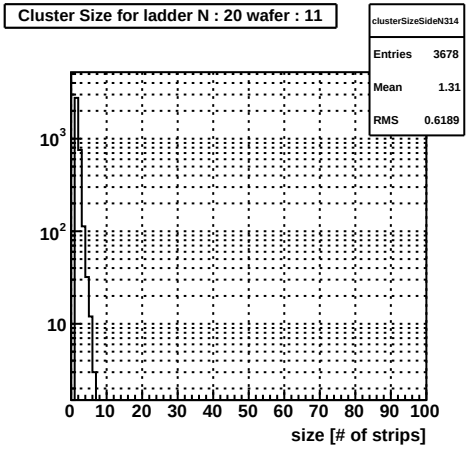

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7778
Mean 1.238
RMS 0.6037
size [# of strips]

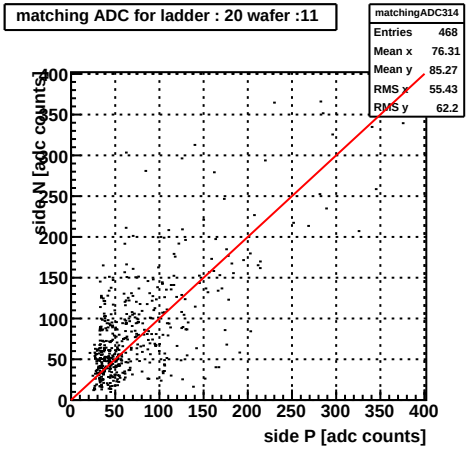

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 756
Mean x 50.15
Mean y 65.56
RMS x 42.62
RMS y 64.28
side N [adc counts]
side P [adc counts]

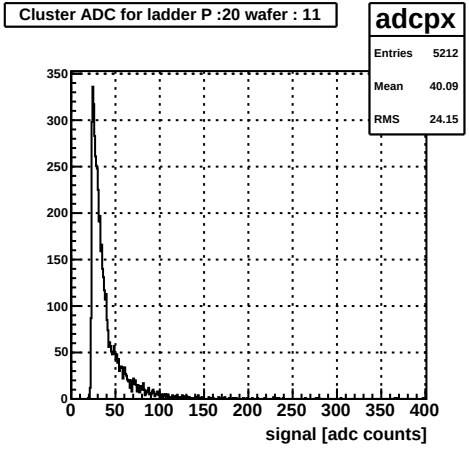

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 14587
Mean 31.34
RMS 16.72
signal [adc counts]

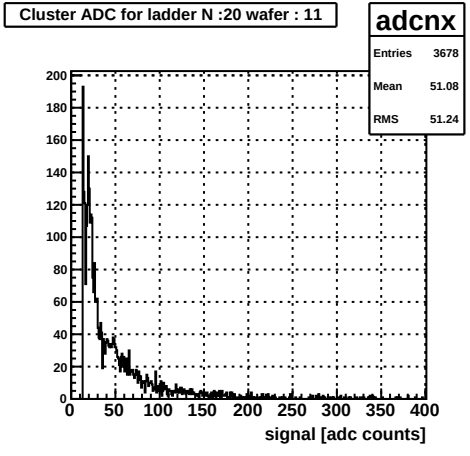

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7778
Mean 35.67
RMS 40.59
signal [adc counts]

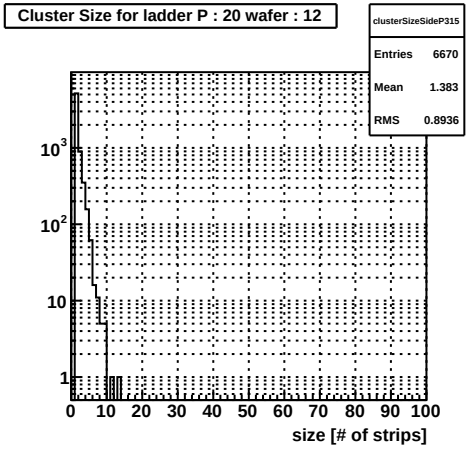

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5212
Mean 1.135
RMS 0.397
size [# of strips]

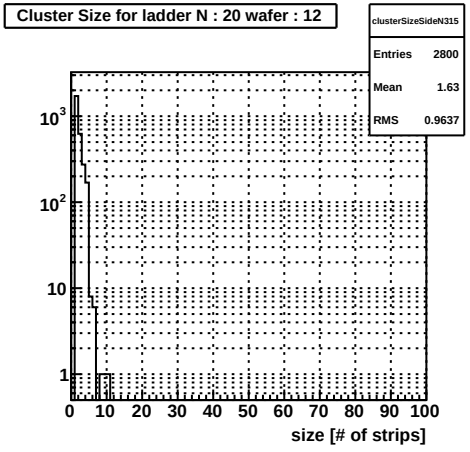

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3678
Mean 1.31
RMS 0.6189
size [# of strips]

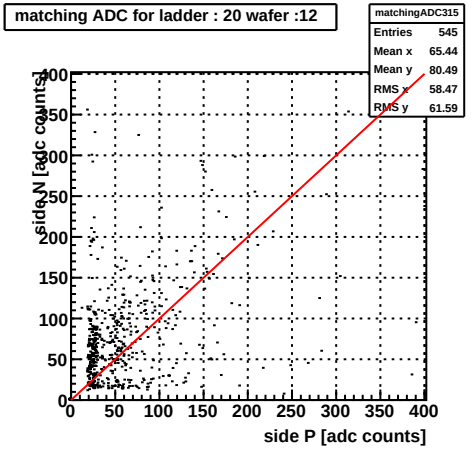

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 468
Mean x 76.31
Mean y 85.27
RMS x 55.43
RMS y 62.2
side N [adc counts]
side P [adc counts]

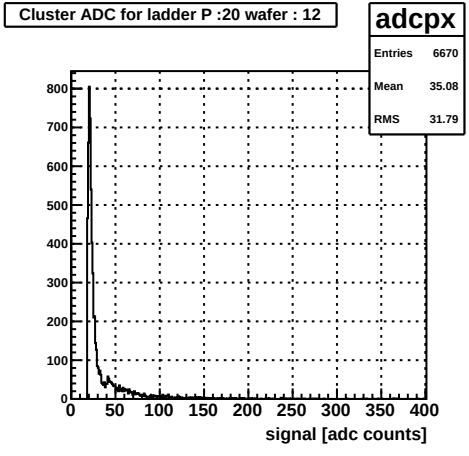

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5212
Mean 40.09
RMS 24.15
signal [adc counts]

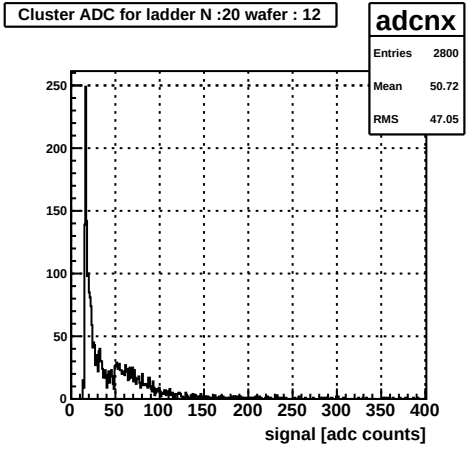

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3678
Mean 51.08
RMS 51.24
signal [adc counts]

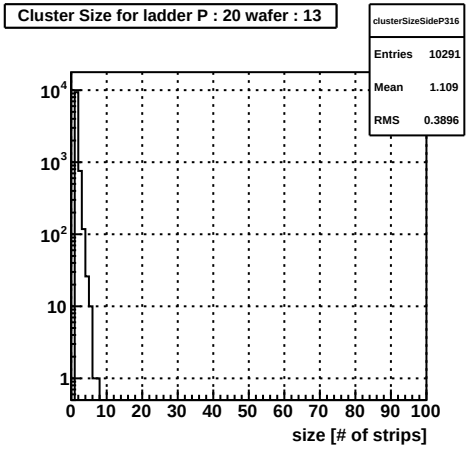

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6670
Mean 1.383
RMS 0.8936
size [# of strips]

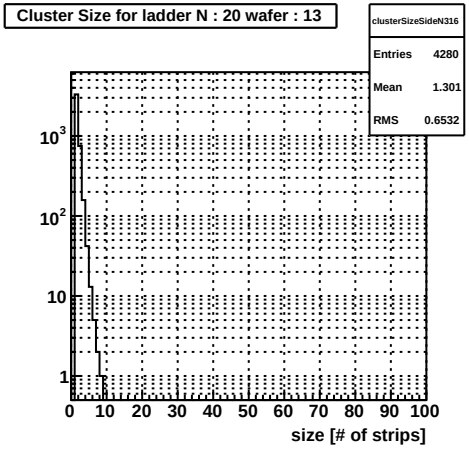

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2800
Mean 1.63
RMS 0.9637
size [# of strips]

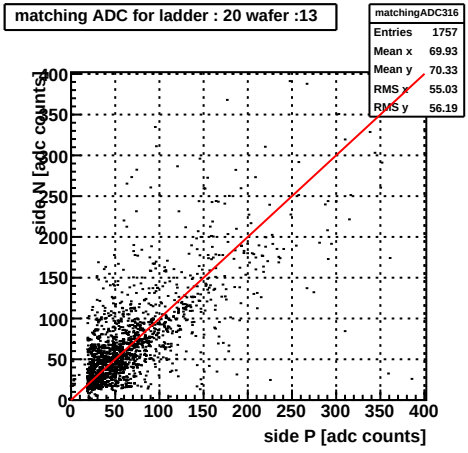

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 545
Mean x 65.44
Mean y 80.49
RMS x 58.47
RMS y 61.59
side N [adc counts]
side P [adc counts]

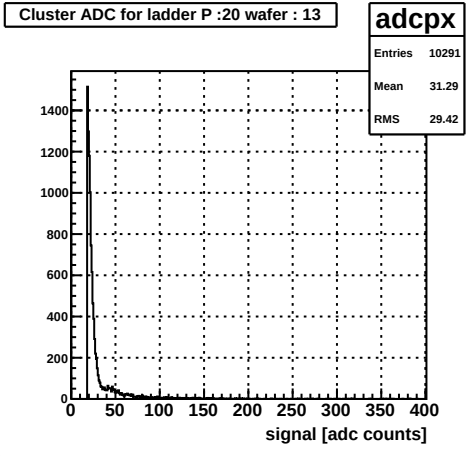

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6670
Mean 35.08
RMS 31.79
signal [adc counts]

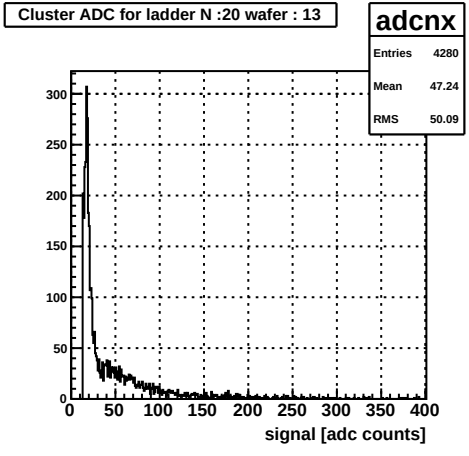

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2800
Mean 50.72
RMS 47.05
signal [adc counts]

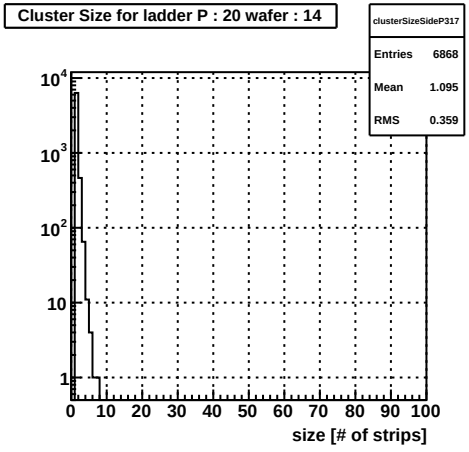

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10291
Mean 1.109
RMS 0.3896
size [# of strips]

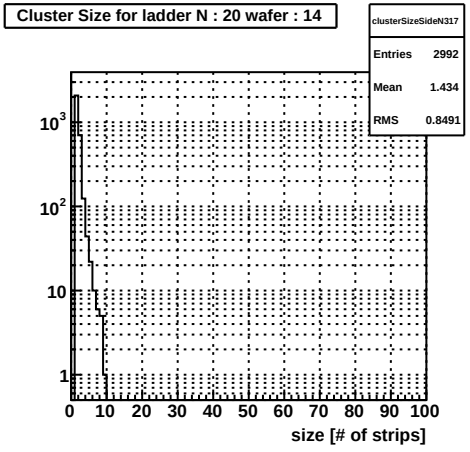

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4280
Mean 1.301
RMS 0.6532
size [# of strips]

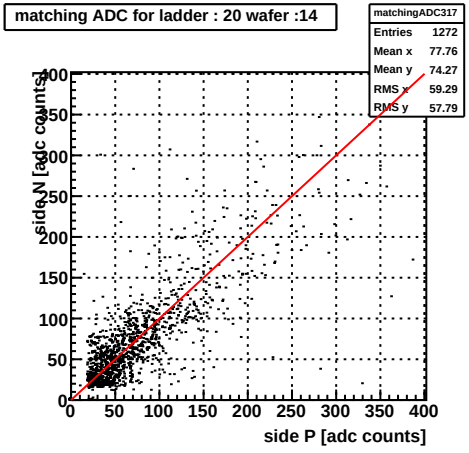

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1757
Mean x 69.93
Mean y 70.33
RMS x 55.03
RMS y 56.19
side N [adc counts]
side P [adc counts]

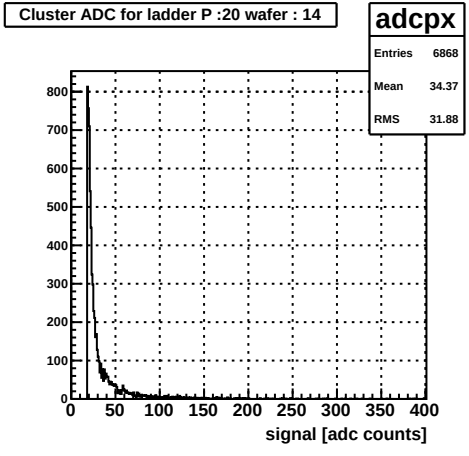

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10291
Mean 31.29
RMS 29.42
signal [adc counts]

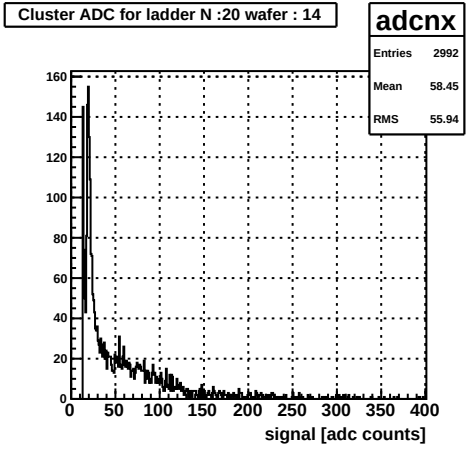

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4280
Mean 47.24
RMS 50.09
signal [adc counts]

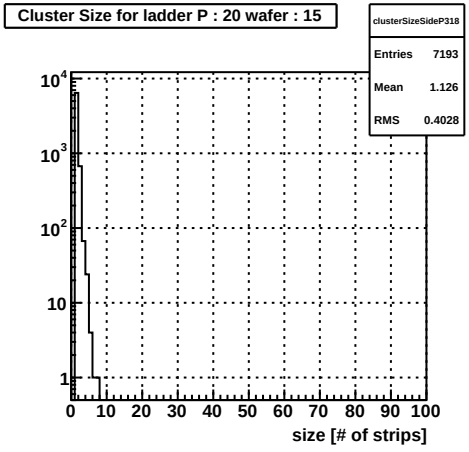

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6868
Mean 1.095
RMS 0.359
size [# of strips]

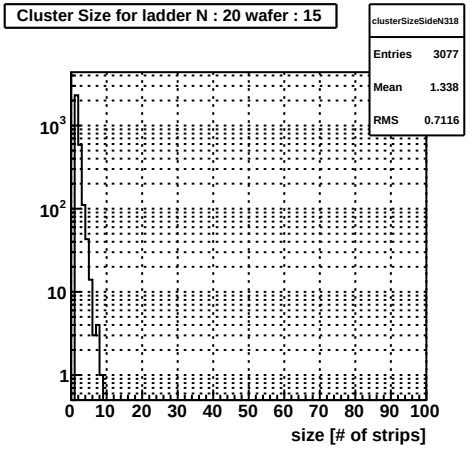

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2992
Mean 1.434
RMS 0.8491
size [# of strips]

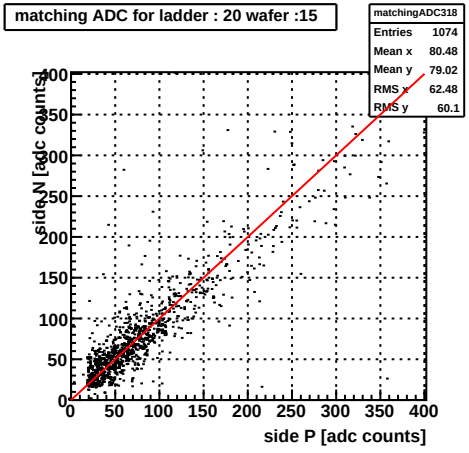

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1272
Mean x 77.76
Mean y 74.27
RMS x 59.29
RMS y 57.79
side N [adc counts]
side P [adc counts]

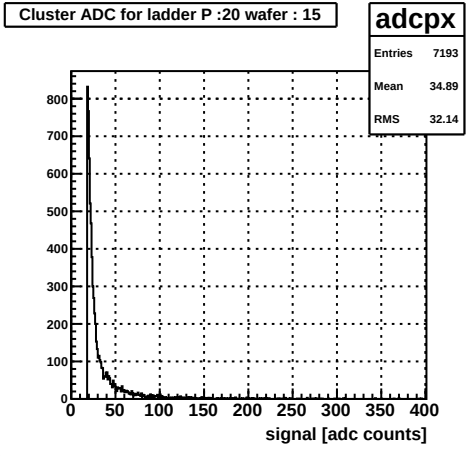

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6868
Mean 34.37
RMS 31.88
signal [adc counts]

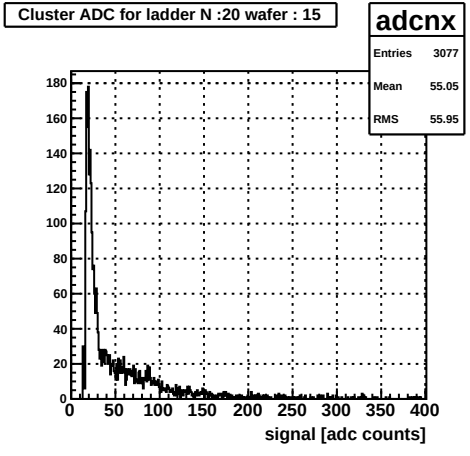

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2992
Mean 58.45
RMS 55.94
signal [adc counts]

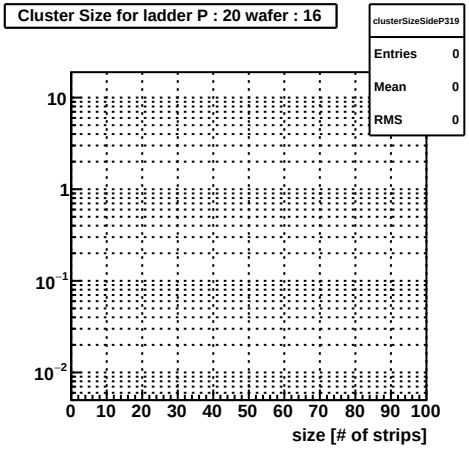

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7193
Mean 1.126
RMS 0.4028
size [# of strips]

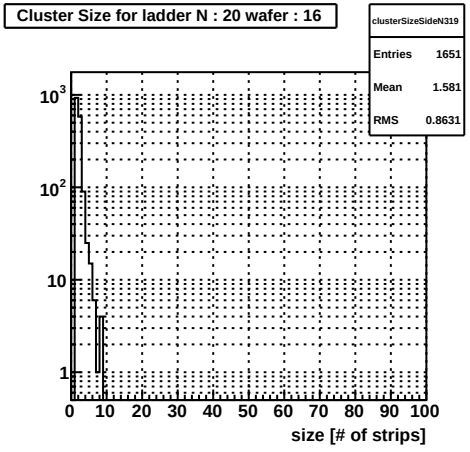

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 3077
Mean 1.338
RMS 0.7116
size [# of strips]

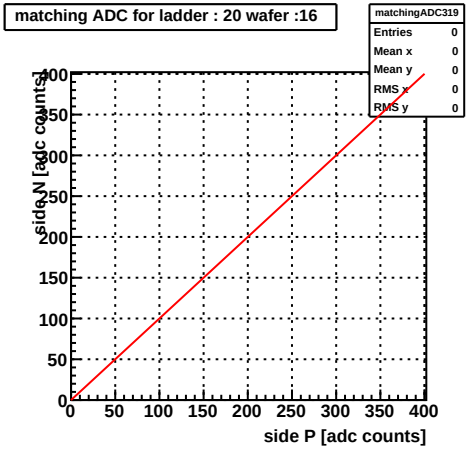

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1074
Mean x 80.48
Mean y 79.02
RMS x 62.48
RMS y 60.1
side N [adc counts]
side P [adc counts]

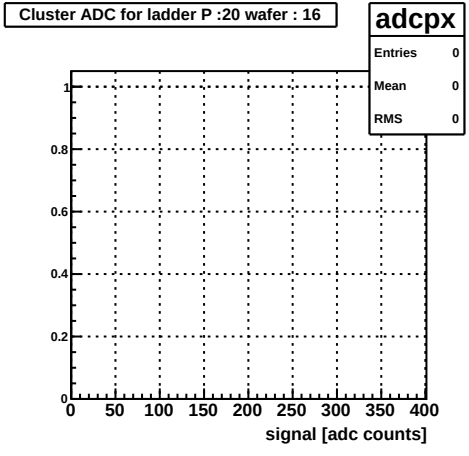

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7193
Mean 34.89
RMS 32.14
signal [adc counts]

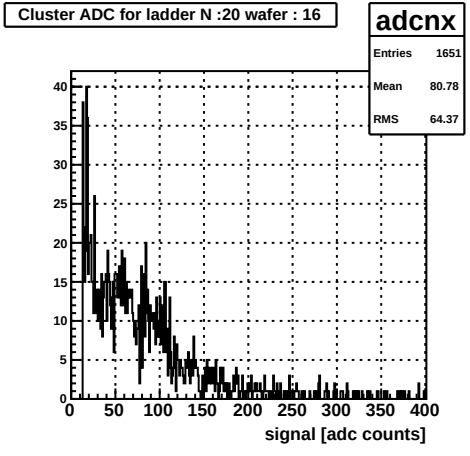

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 3077
Mean 55.05
RMS 55.95
signal [adc counts]

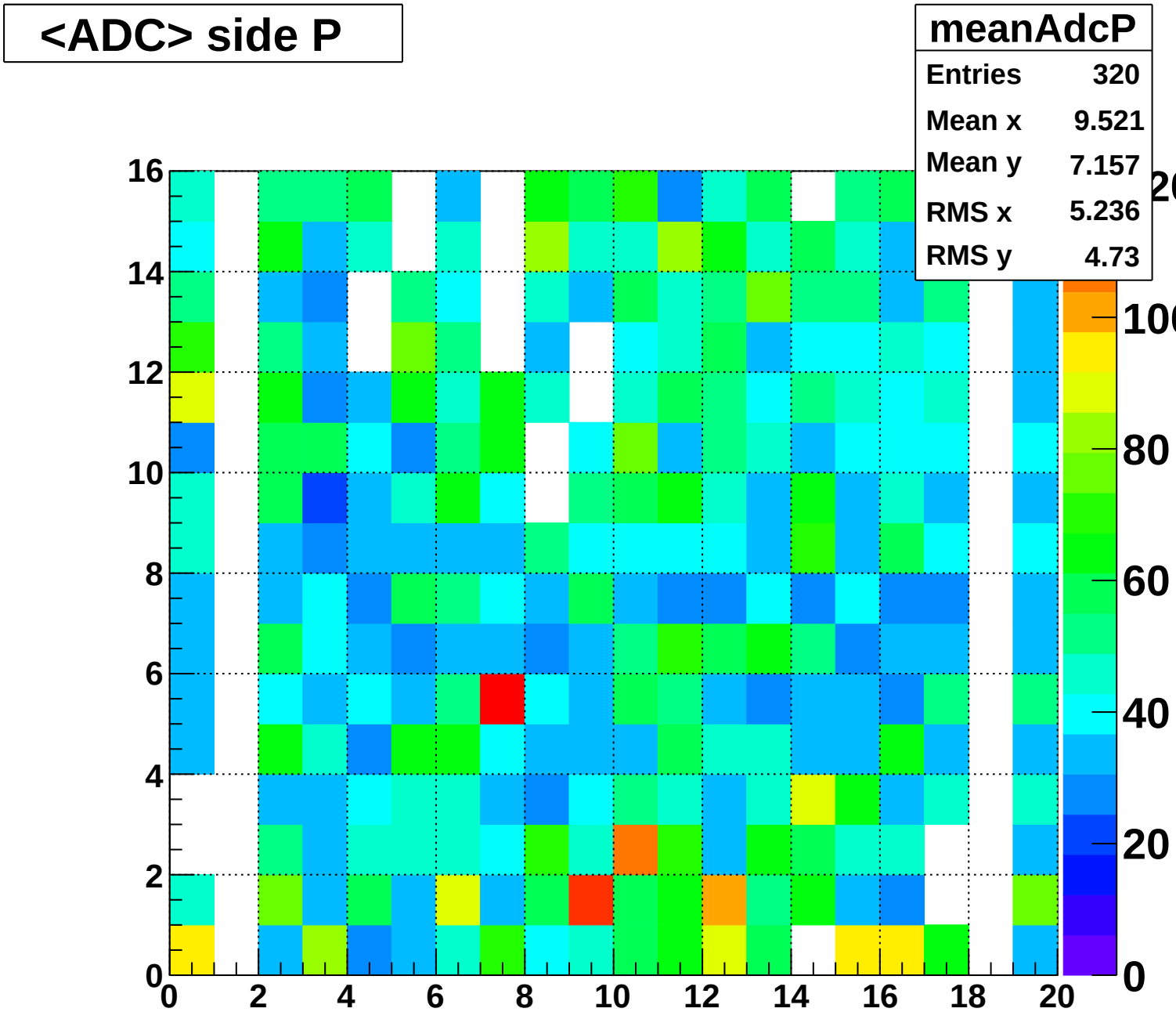

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1651
Mean 1.581
RMS 0.8631
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1651
Mean 80.78
RMS 64.37
signal [adc counts]



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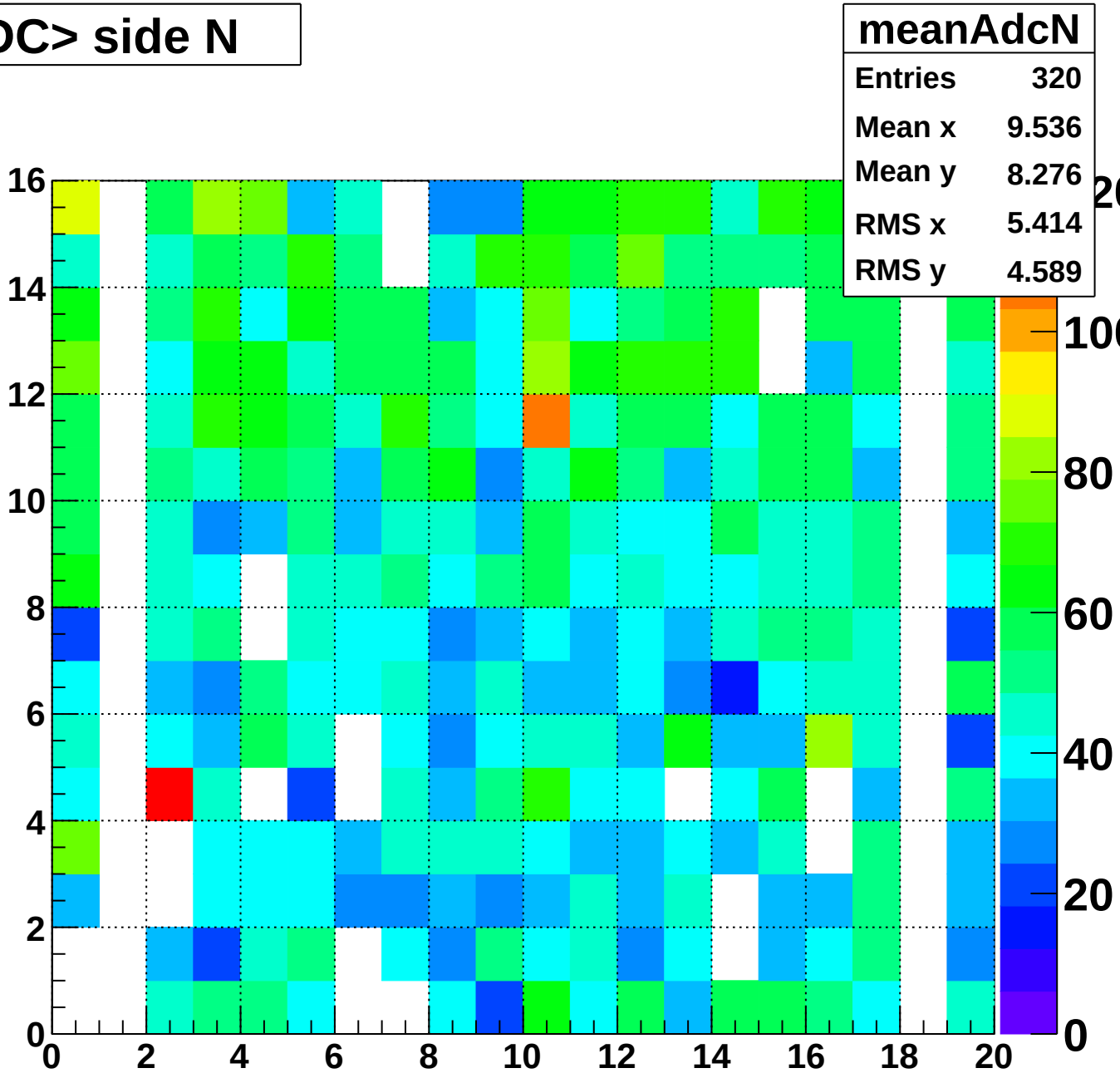
<ADC> side N



2016-05-18 07:07:16