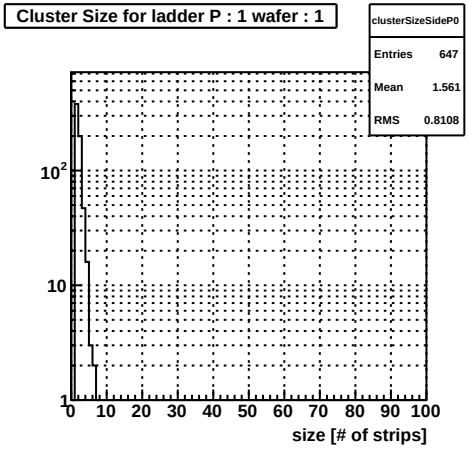
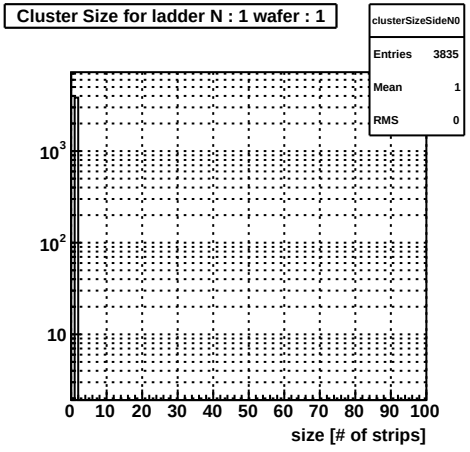
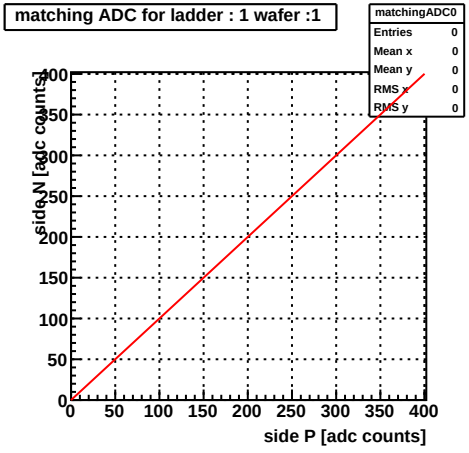
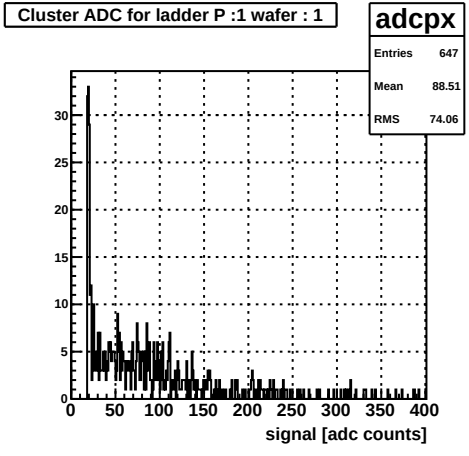
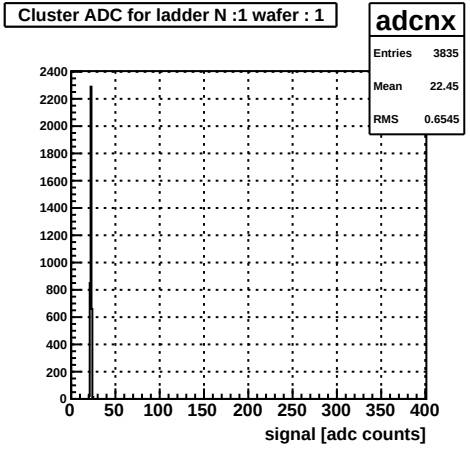
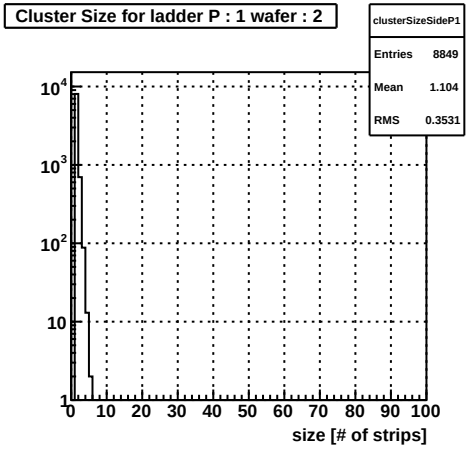

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 647
Mean 1.561
RMS 0.8108
size [# of strips]

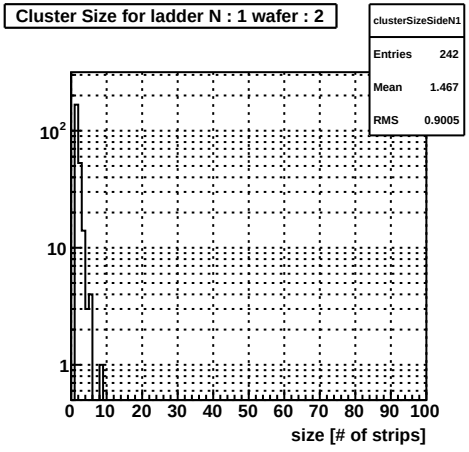

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3835
Mean 1
RMS 0
size [# of strips]

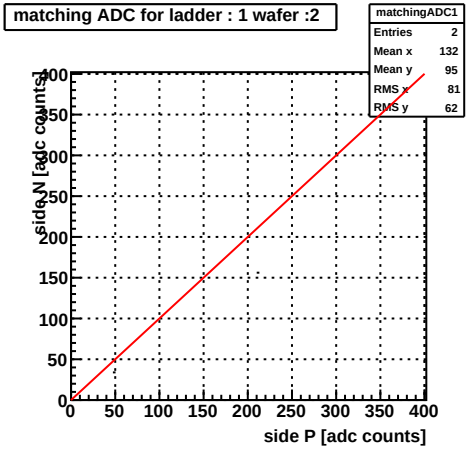

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

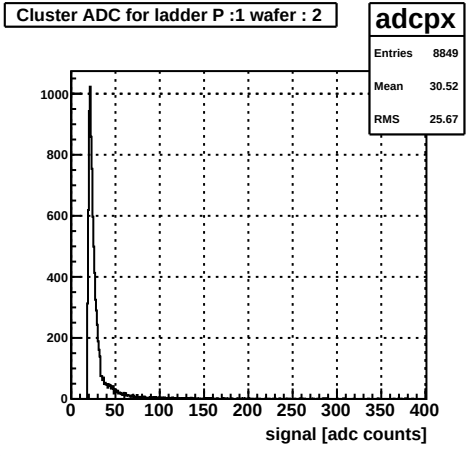

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 647
Mean 88.51
RMS 74.06
signal [adc counts]

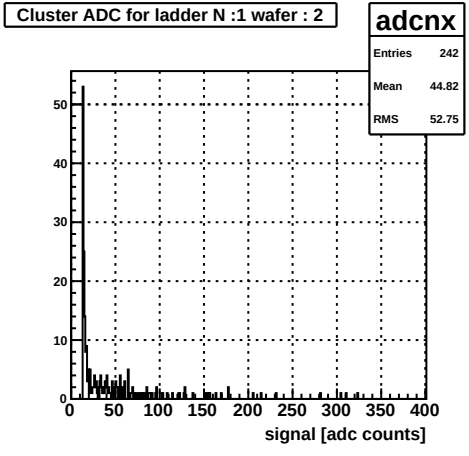

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3835
Mean 22.45
RMS 0.6545
signal [adc counts]

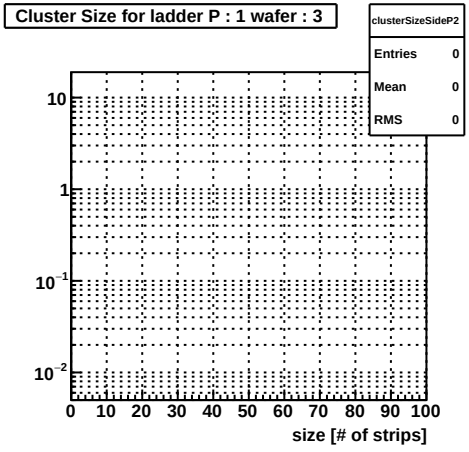

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 8849
Mean 1.104
RMS 0.3531
size [# of strips]

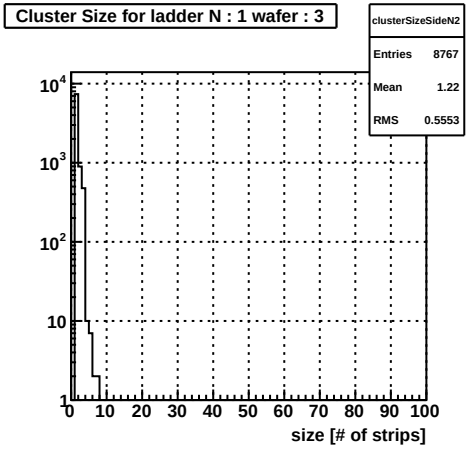

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 242
Mean 1.467
RMS 0.9005
size [# of strips]

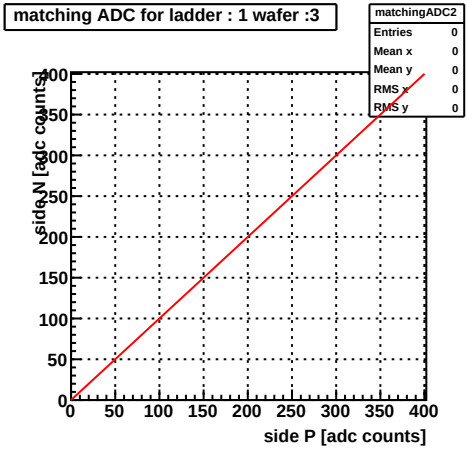

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 132
Mean y 95
RMS x 81
RMS y 62
side N [adc counts]
side P [adc counts]

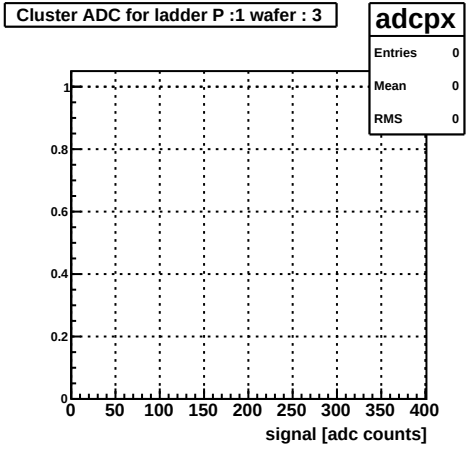

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 8849
Mean 30.52
RMS 25.67
signal [adc counts]

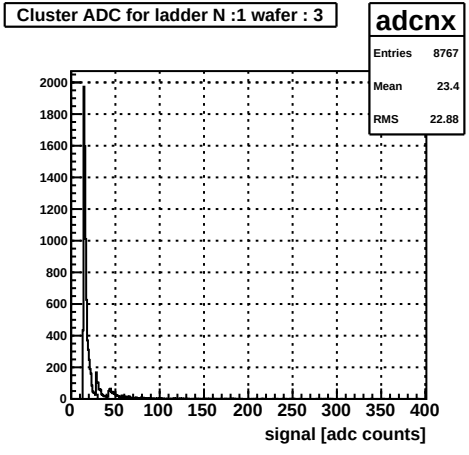

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 242
Mean 44.82
RMS 52.75
signal [adc counts]

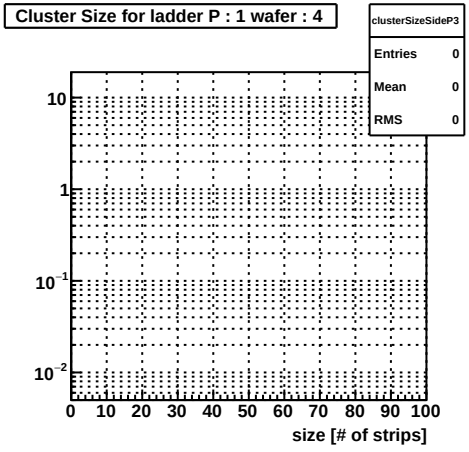

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

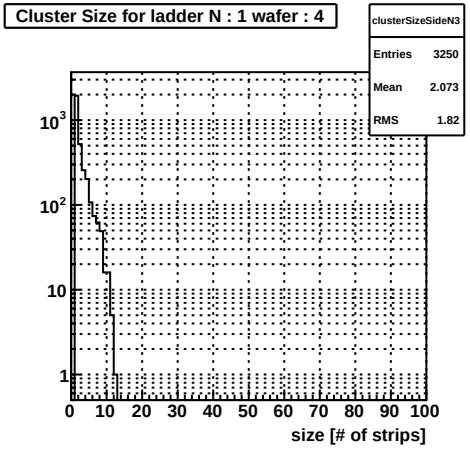

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8767
Mean 1.22
RMS 0.5553
size [# of strips]

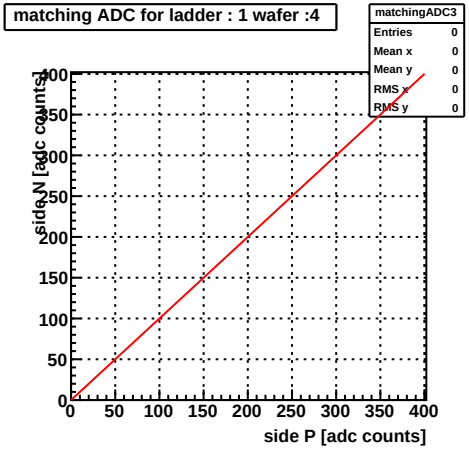

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

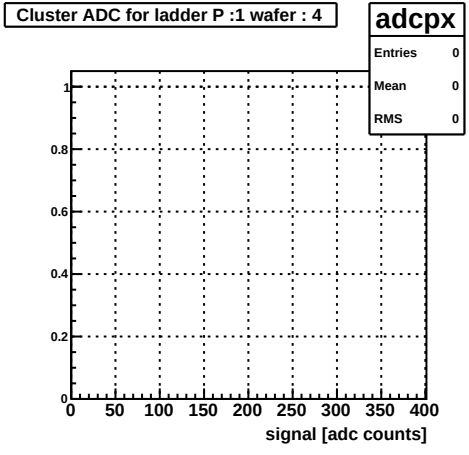

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

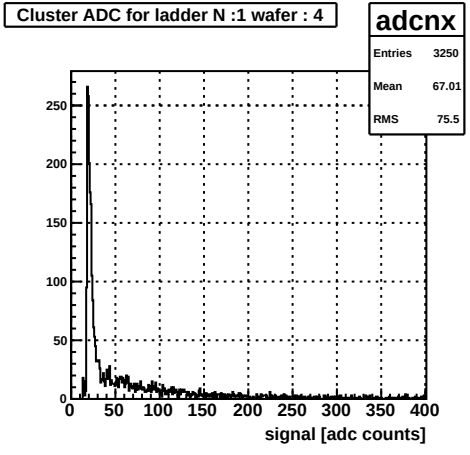

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8767
Mean 23.4
RMS 22.88
signal [adc counts]

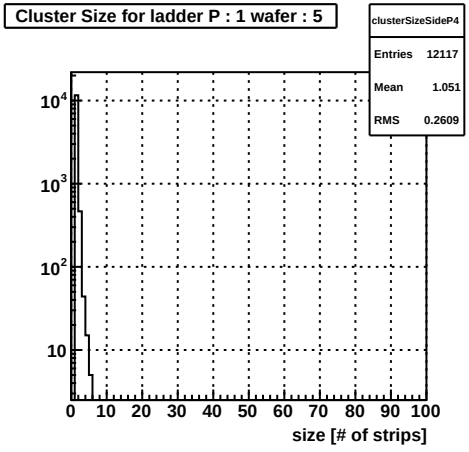

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

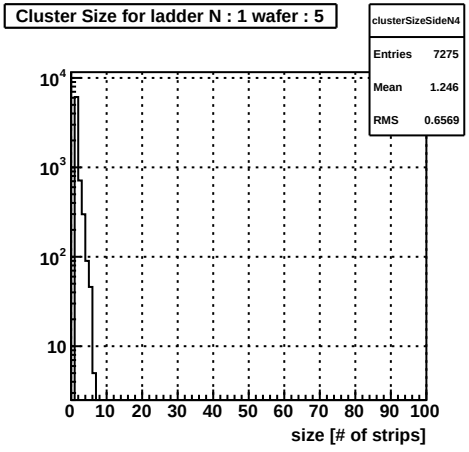

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3250
Mean 2.073
RMS 1.82
size [# of strips]

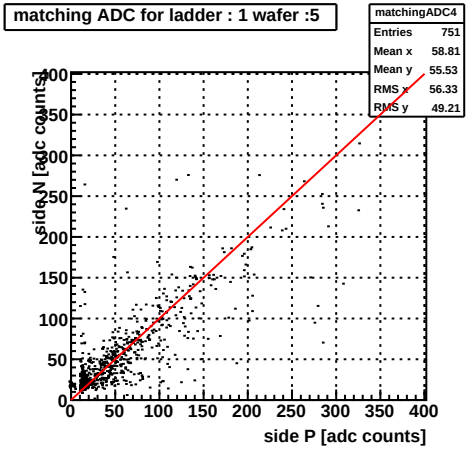

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

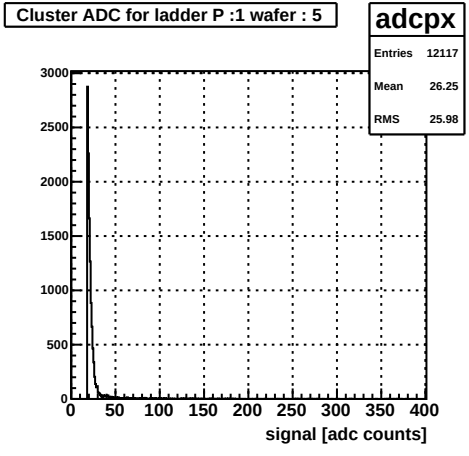

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

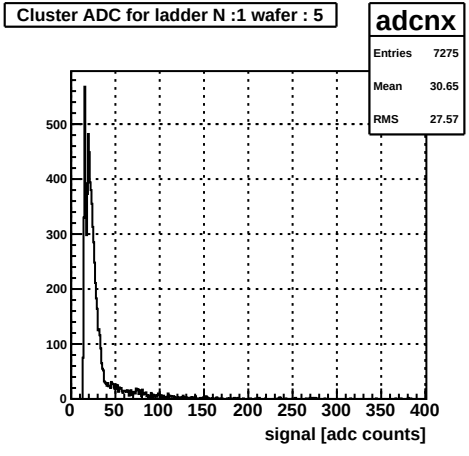

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3250
Mean 67.01
RMS 75.5
signal [adc counts]

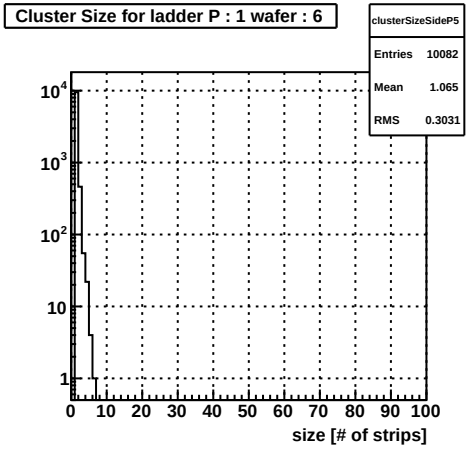

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 12117
Mean 1.051
RMS 0.2609
size [# of strips]

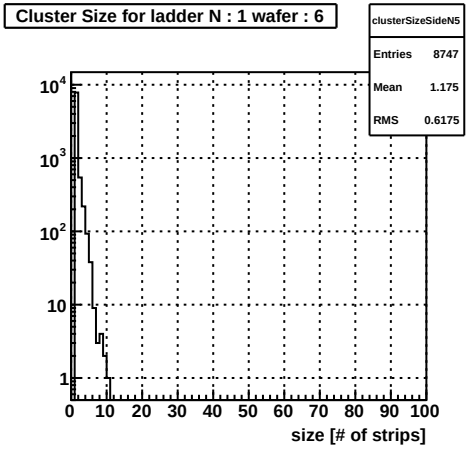

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 7275
Mean 1.246
RMS 0.6569
size [# of strips]

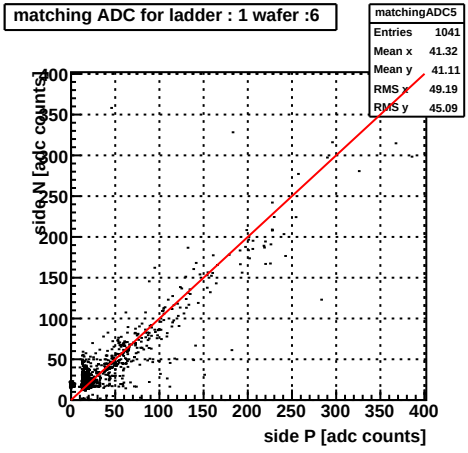

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 751
Mean x 58.81
Mean y 55.53
RMS x 56.33
RMS y 49.21
side N [adc counts]
side P [adc counts]

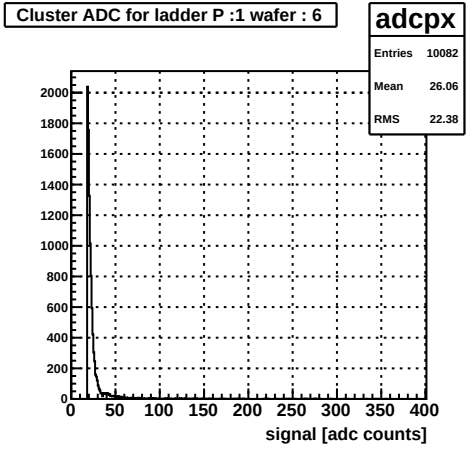

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 12117
Mean 26.25
RMS 25.98
signal [adc counts]

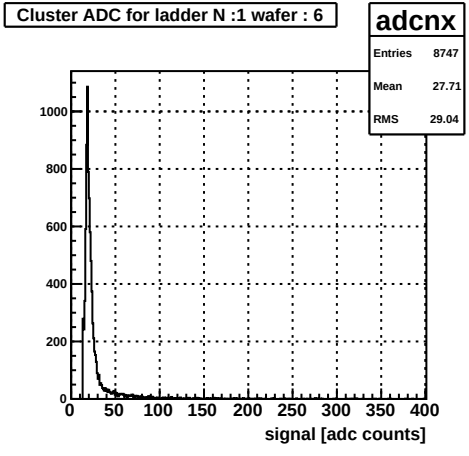

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 7275
Mean 30.65
RMS 27.57
signal [adc counts]

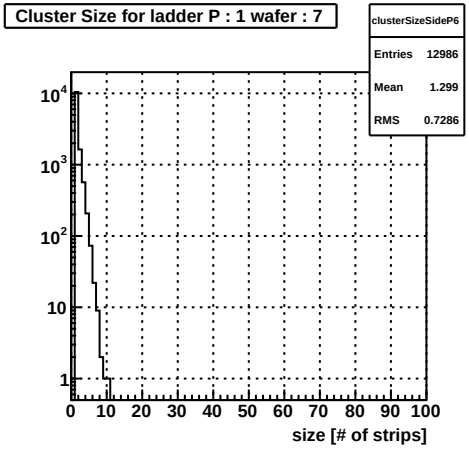

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 10082
Mean 1.065
RMS 0.3031
size [# of strips]

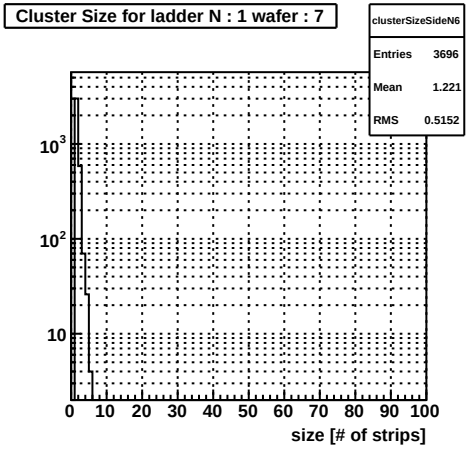

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 8747
Mean 1.175
RMS 0.6175
size [# of strips]

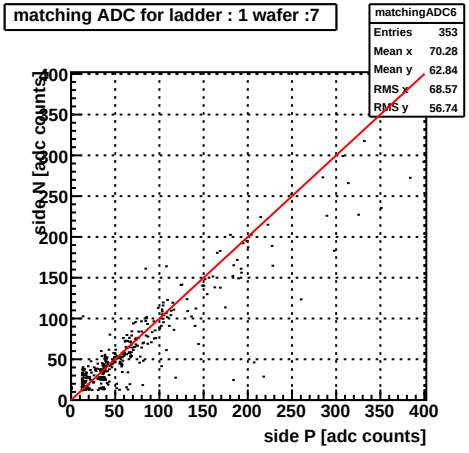

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1041
Mean x 41.32
Mean y 41.11
RMS x 49.19
RMS y 45.09
side N [adc counts]
side P [adc counts]

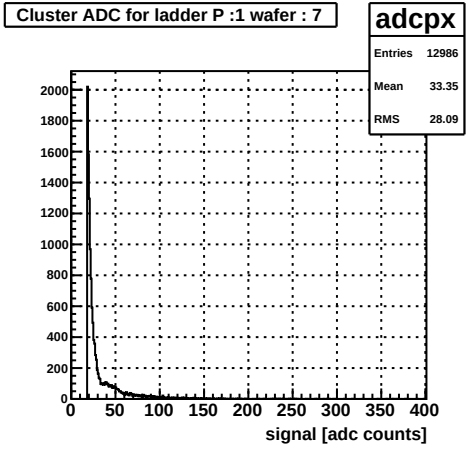

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 10082
Mean 26.06
RMS 22.38
signal [adc counts]

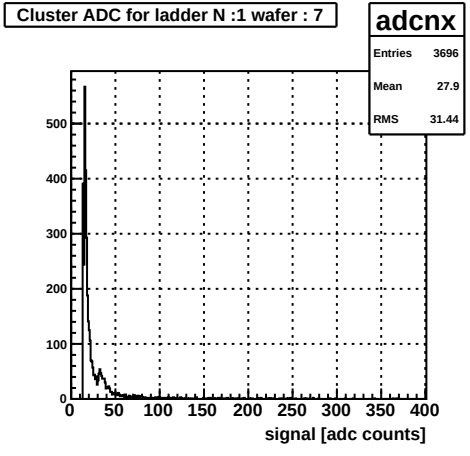

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 8747
Mean 27.71
RMS 29.04
signal [adc counts]

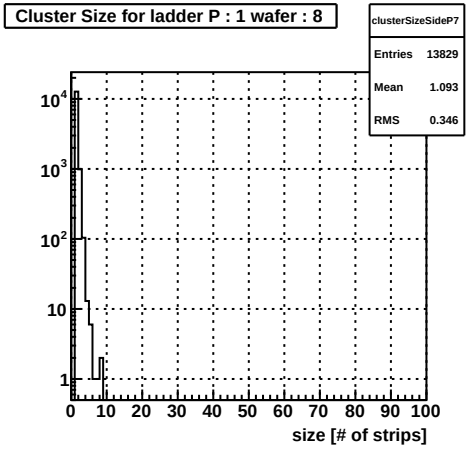

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 12986
Mean 1.299
RMS 0.7286
size [# of strips]

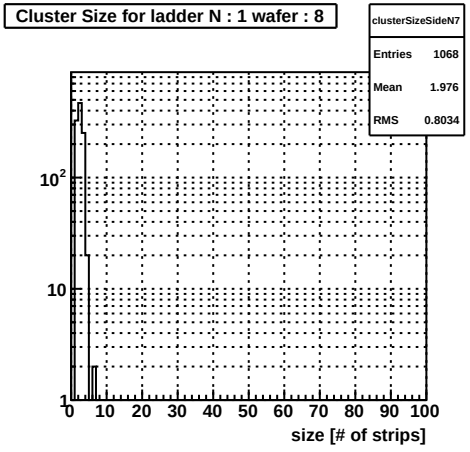

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 3696
Mean 1.221
RMS 0.5152
size [# of strips]

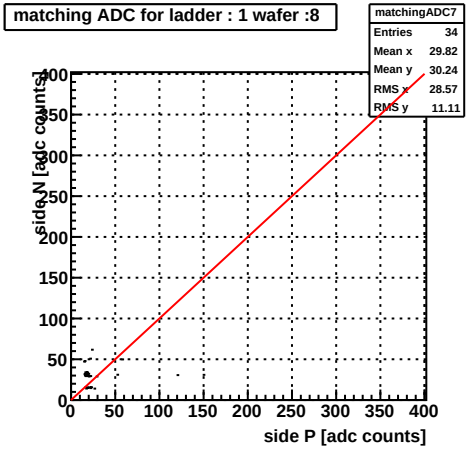

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 353
Mean x 70.28
Mean y 62.84
RMS x 68.57
RMS y 56.74
side N [adc counts]
side P [adc counts]

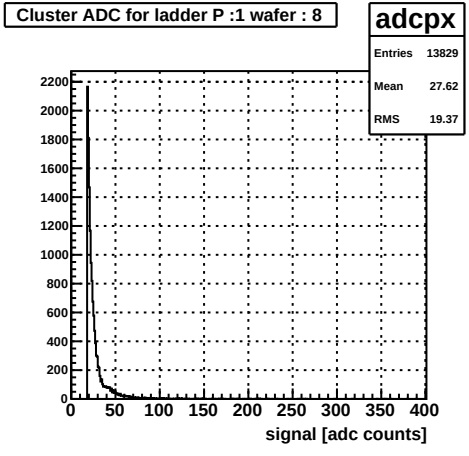

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 12986
Mean 33.35
RMS 28.09
signal [adc counts]

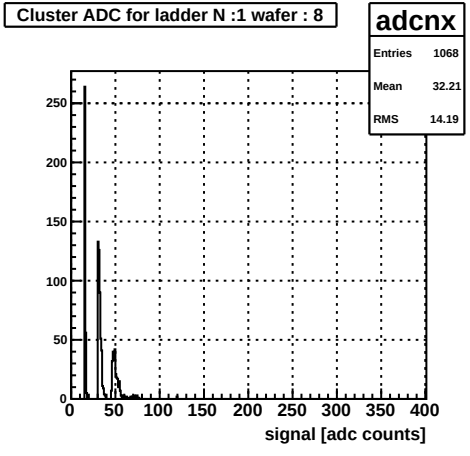

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 3696
Mean 27.9
RMS 31.44
signal [adc counts]

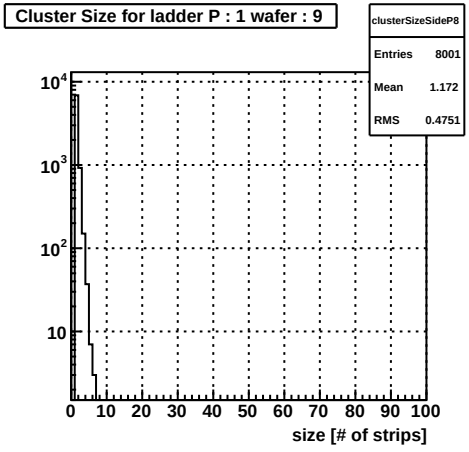

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 13829
Mean 1.093
RMS 0.346
size [# of strips]

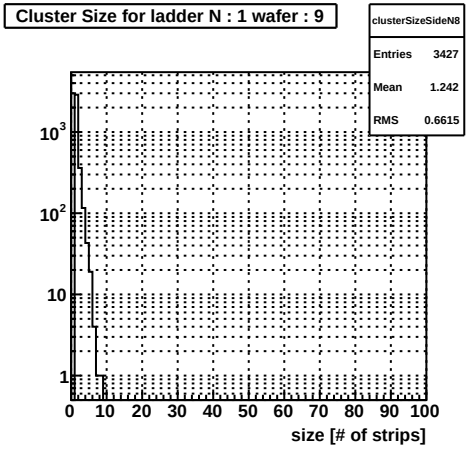

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1068
Mean 1.976
RMS 0.8034
size [# of strips]

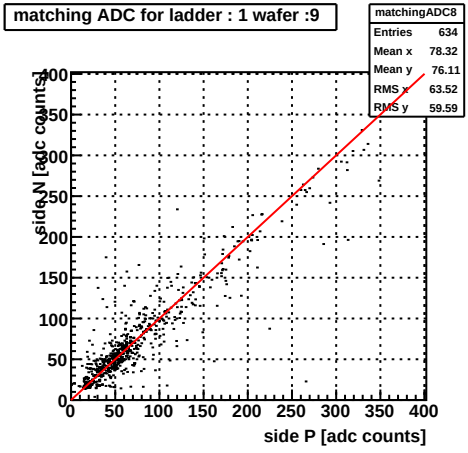

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 34
Mean x 29.82
Mean y 30.24
RMS x 28.57
RMS y 11.11
side N [adc counts]
side P [adc counts]

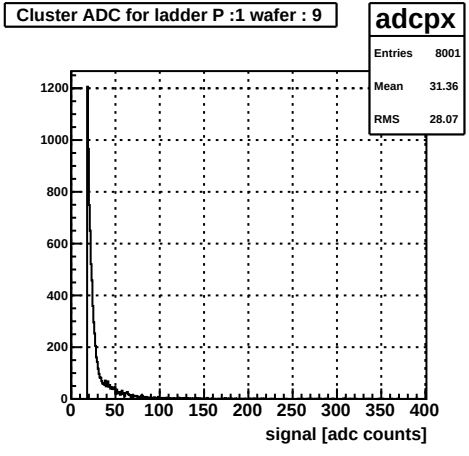

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 13829
Mean 27.62
RMS 19.37
signal [adc counts]

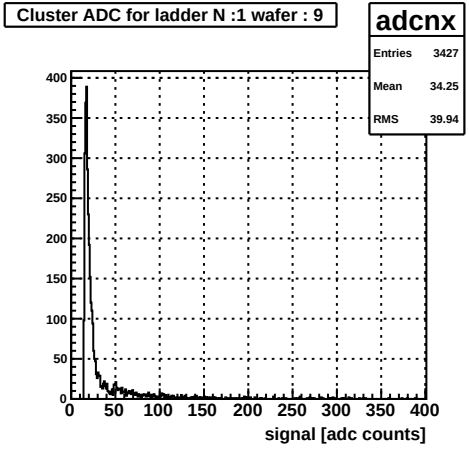

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1068
Mean 32.21
RMS 14.19
signal [adc counts]

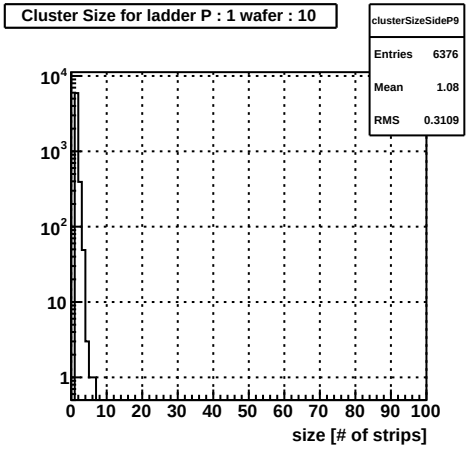

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 8001
Mean 1.172
RMS 0.4751
size [# of strips]

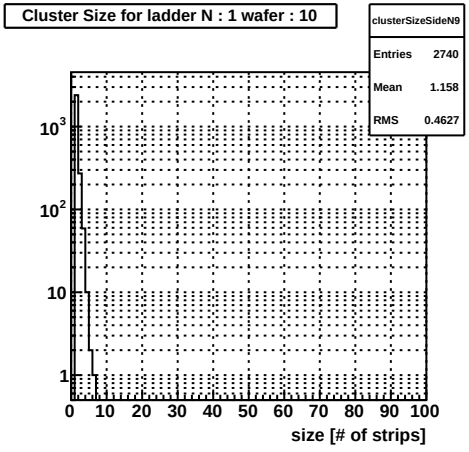

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3427
Mean 1.242
RMS 0.6615
size [# of strips]

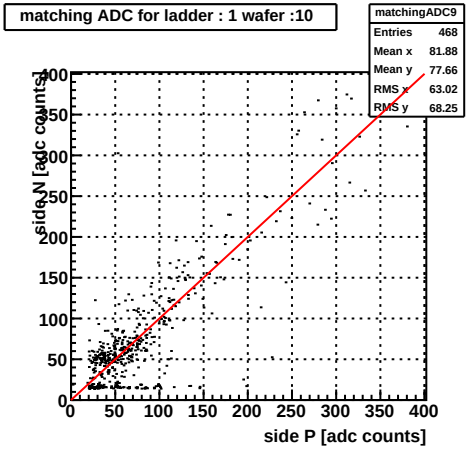

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 634
Mean x 78.32
Mean y 76.11
RMS x 63.52
RMS y 59.59
side N [adc counts]
side P [adc counts]

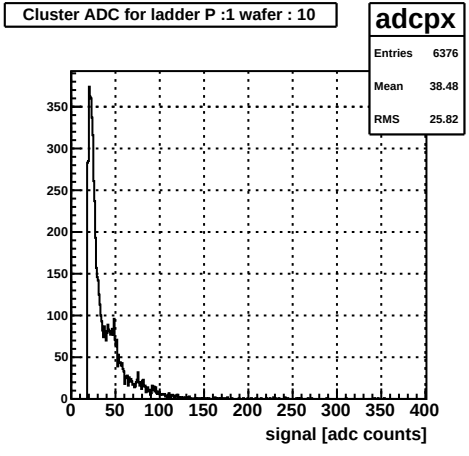

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 8001
Mean 31.36
RMS 28.07
signal [adc counts]

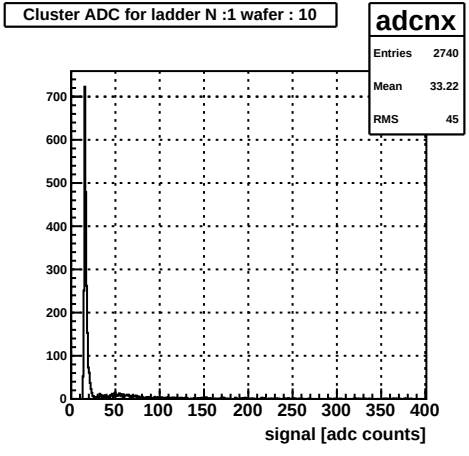

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3427
Mean 34.25
RMS 39.94
signal [adc counts]

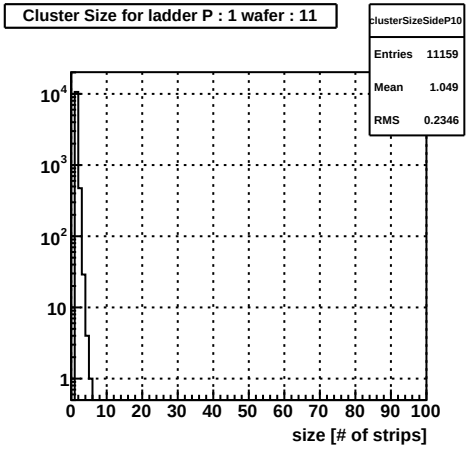

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6376
Mean 1.08
RMS 0.3109
size [# of strips]

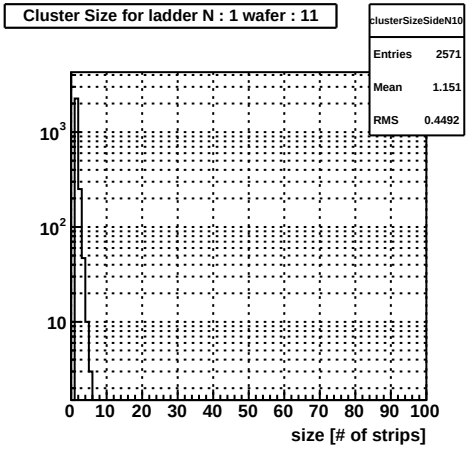

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2740
Mean 1.158
RMS 0.4627
size [# of strips]

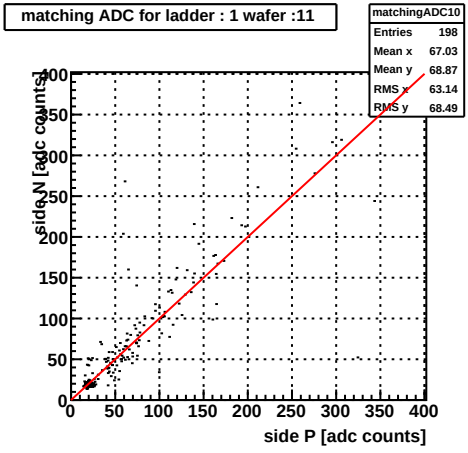

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 468
Mean x 81.88
Mean y 77.66
RMS x 63.02
RMS y 68.25
side N [adc counts]
side P [adc counts]

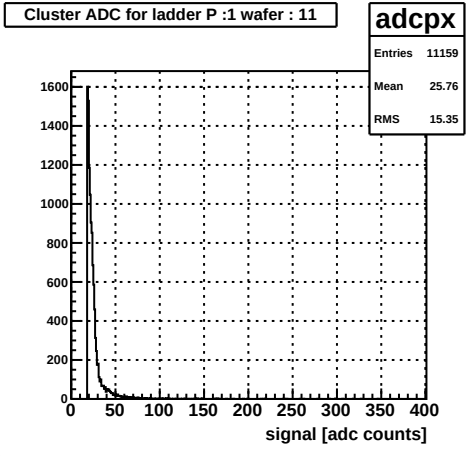

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6376
Mean 38.48
RMS 25.82
signal [adc counts]

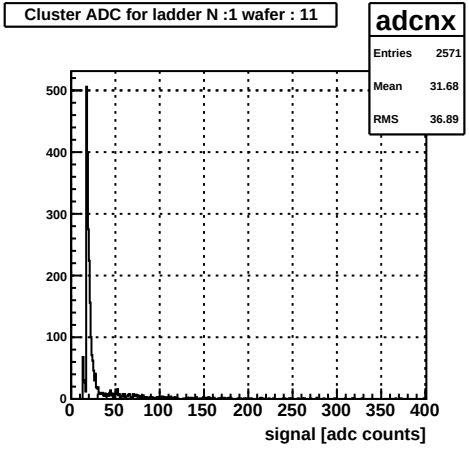

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2740
Mean 33.22
RMS 45
signal [adc counts]

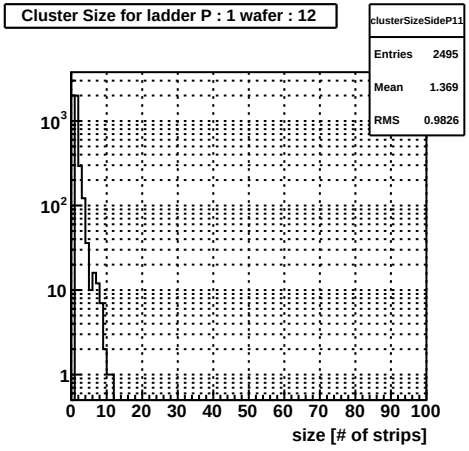

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 11159
Mean 1.049
RMS 0.2346
size [# of strips]

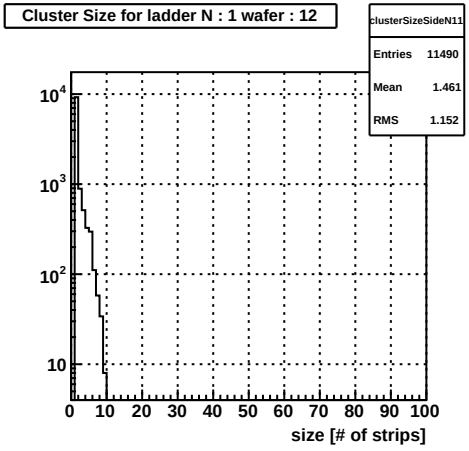

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2571
Mean 1.151
RMS 0.4492
size [# of strips]

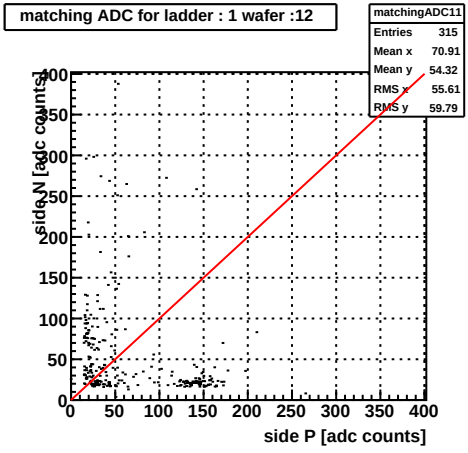

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 198
Mean x 67.03
Mean y 68.87
RMS x 63.14
RMS y 68.49
side N [adc counts]
side P [adc counts]

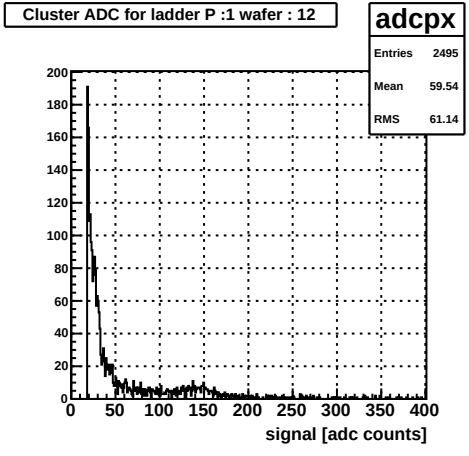

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 11159
Mean 25.76
RMS 15.35
signal [adc counts]

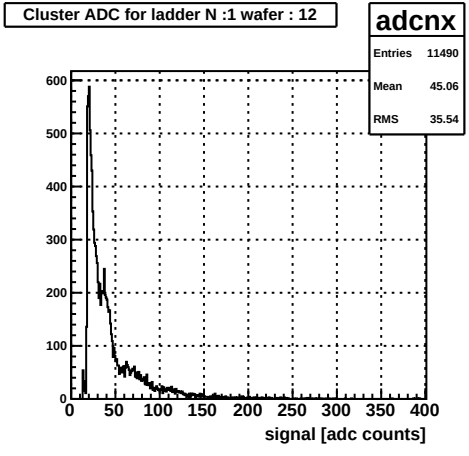

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2571
Mean 31.68
RMS 36.89
signal [adc counts]

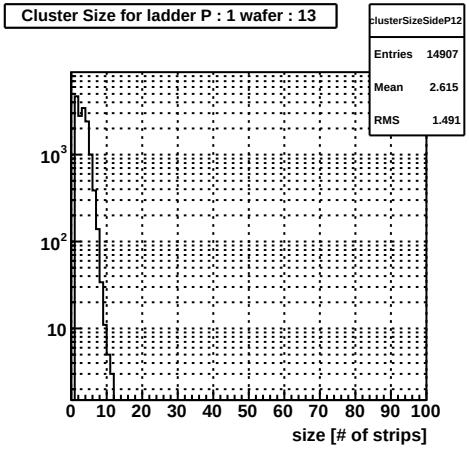

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2495
Mean 1.369
RMS 0.9826
size [# of strips]

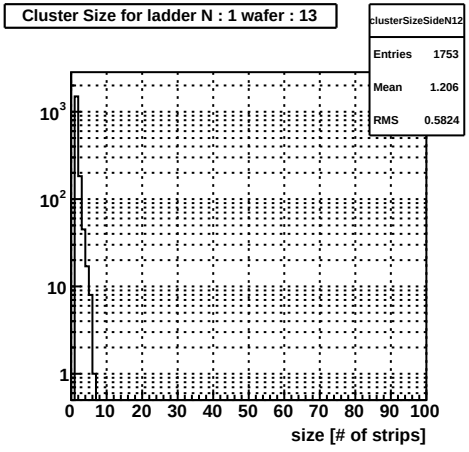

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 11490
Mean 1.461
RMS 1.152
size [# of strips]

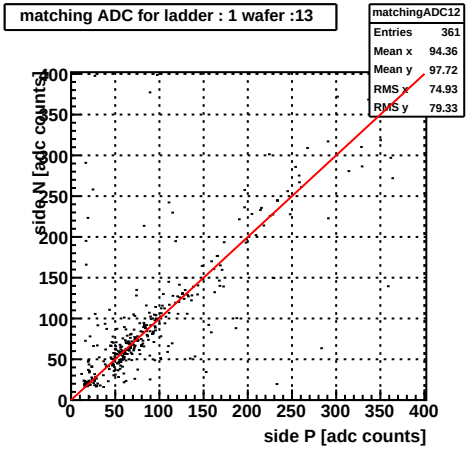

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 315
Mean x 70.91
Mean y 54.32
RMS x 55.61
RMS y 59.79
side N [adc counts]
side P [adc counts]

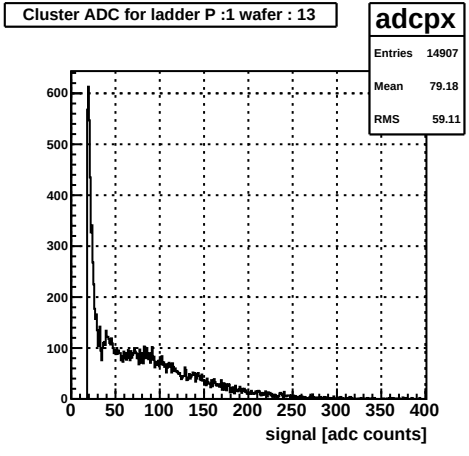

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2495
Mean 59.54
RMS 61.14
signal [adc counts]

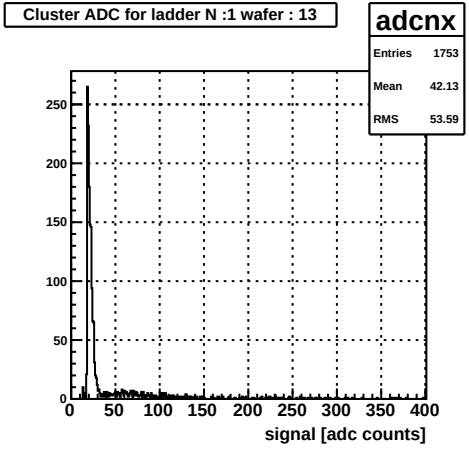

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 11490
Mean 45.06
RMS 35.54
signal [adc counts]

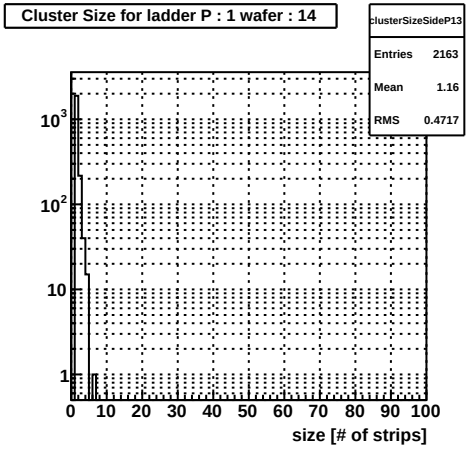

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 14907
Mean 2.615
RMS 1.491
size [# of strips]

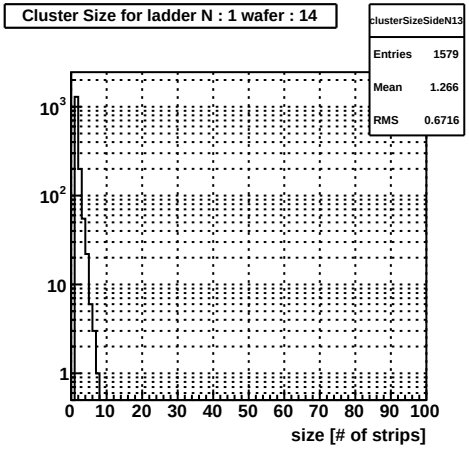

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1753
Mean 1.206
RMS 0.5824
size [# of strips]

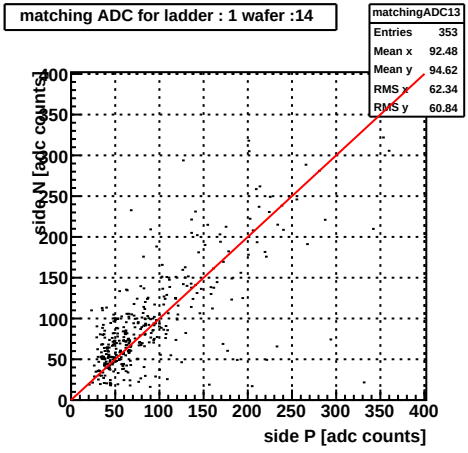

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 361
Mean x 94.36
Mean y 97.72
RMS x 74.93
RMS y 79.33
side N [adc counts]
side P [adc counts]

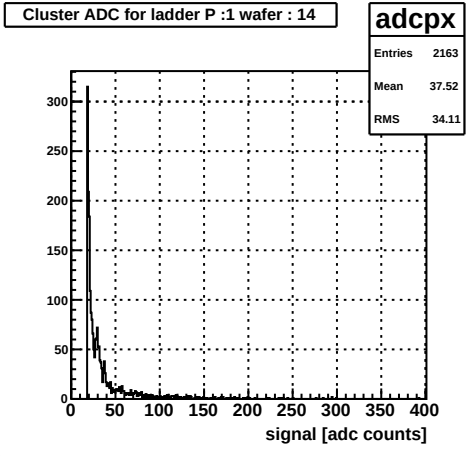

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 14907
Mean 79.18
RMS 59.11
signal [adc counts]

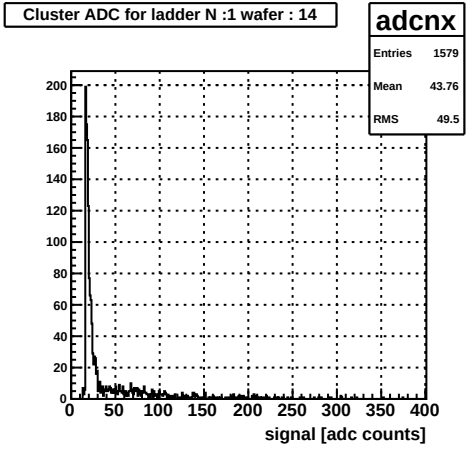

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1753
Mean 42.13
RMS 53.59
signal [adc counts]

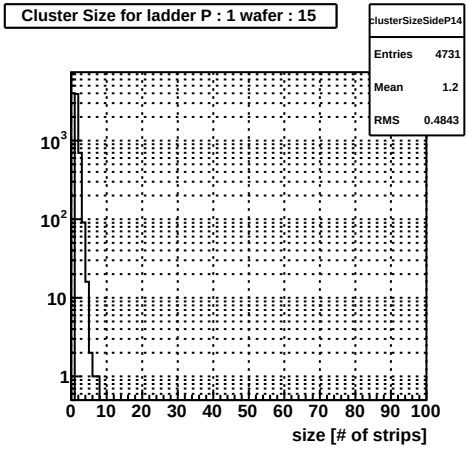

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2163
Mean 1.16
RMS 0.4717
size [# of strips]

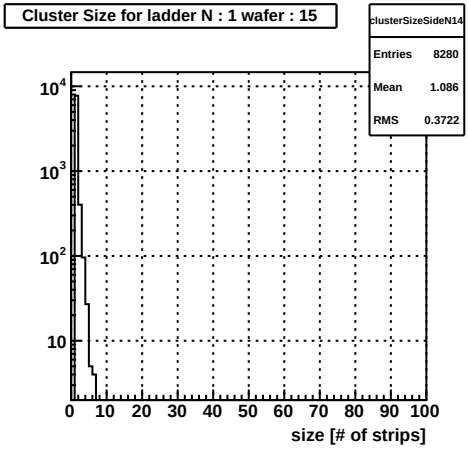

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1579
Mean 1.266
RMS 0.6716
size [# of strips]

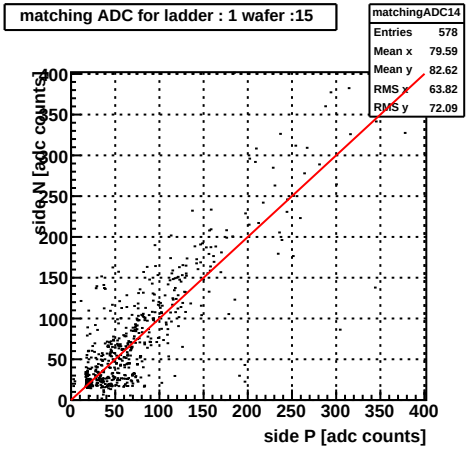

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 353
Mean x 92.48
Mean y 94.62
RMS x 62.34
RMS y 60.84
side N [adc counts]
side P [adc counts]

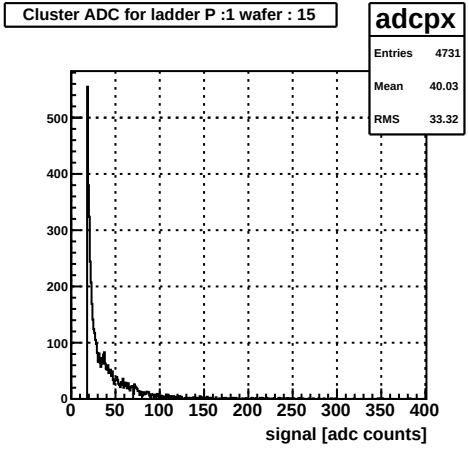

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2163
Mean 37.52
RMS 34.11
signal [adc counts]

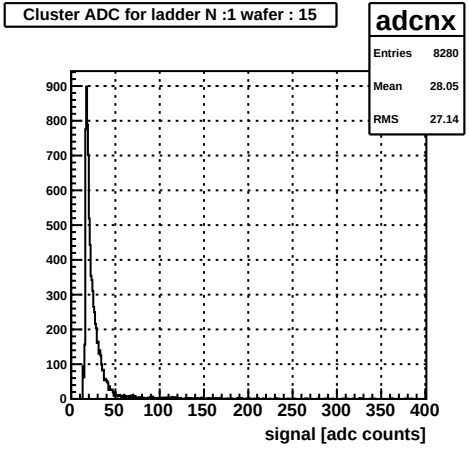

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1579
Mean 43.76
RMS 49.5
signal [adc counts]

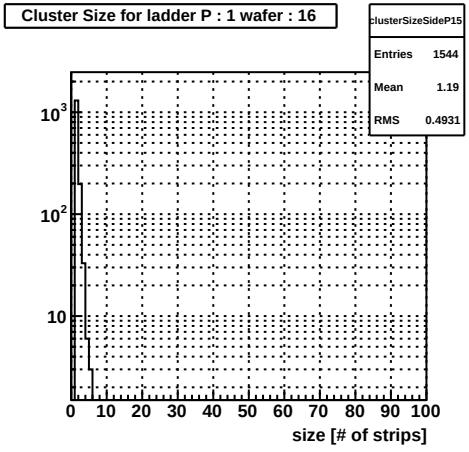

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4731
Mean 1.2
RMS 0.4843
size [# of strips]

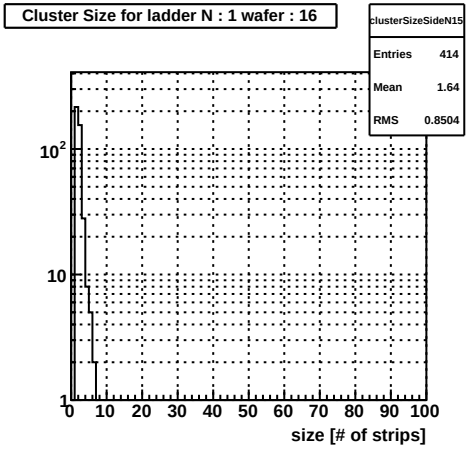

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 8280
Mean 1.086
RMS 0.3722
size [# of strips]

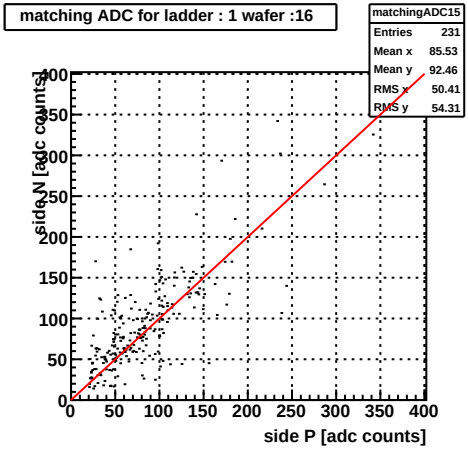

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 578
Mean x 79.59
Mean y 82.62
RMS x 63.82
RMS y 72.09
side N [adc counts]
side P [adc counts]

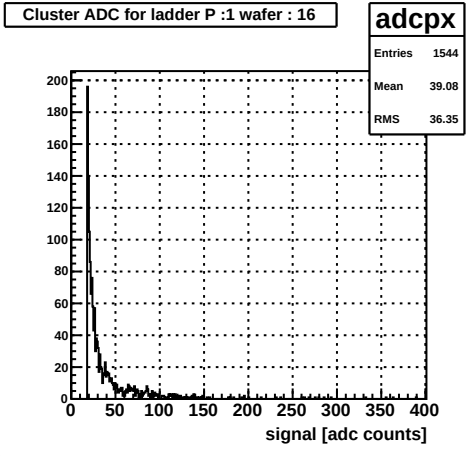

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4731
Mean 40.03
RMS 33.32
signal [adc counts]

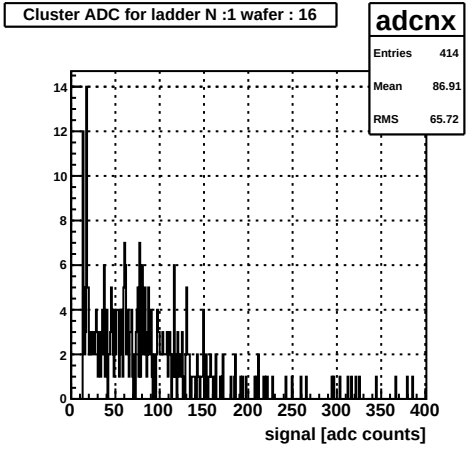

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 8280
Mean 28.05
RMS 27.14
signal [adc counts]

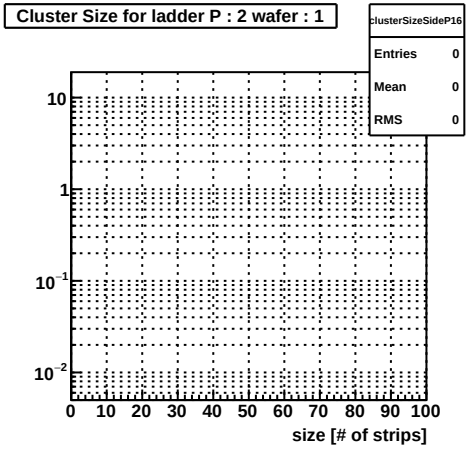

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1544
Mean 1.19
RMS 0.4931
size [# of strips]

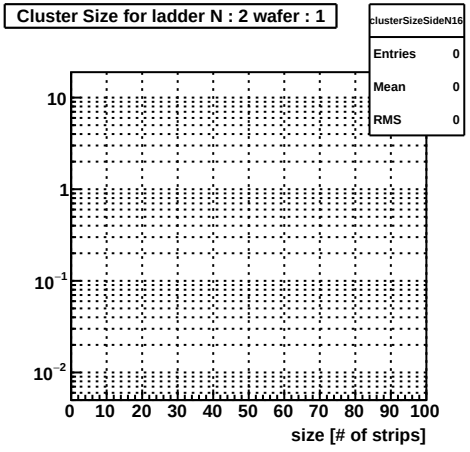

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 414
Mean 1.64
RMS 0.8504
size [# of strips]

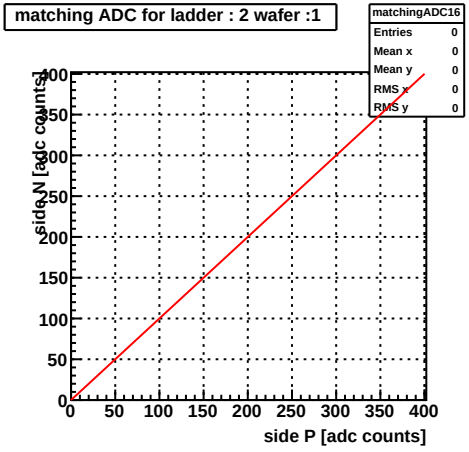

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 231
Mean x 85.53
Mean y 92.46
RMS x 50.41
RMS y 54.31
side N [adc counts]
side P [adc counts]

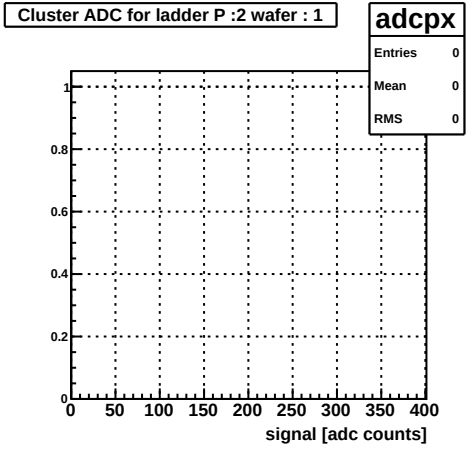

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1544
Mean 39.08
RMS 36.35
signal [adc counts]

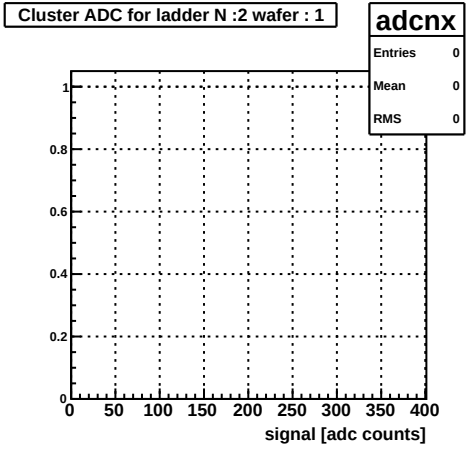

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 414
Mean 86.91
RMS 65.72
signal [adc counts]

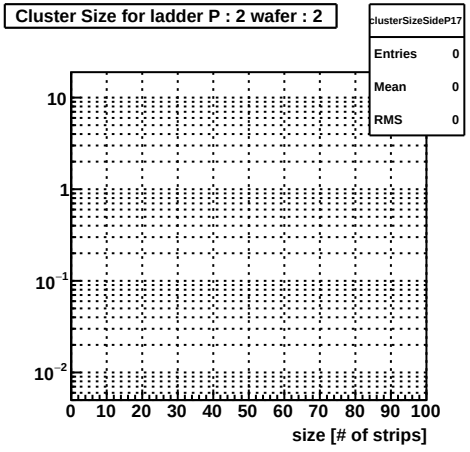

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

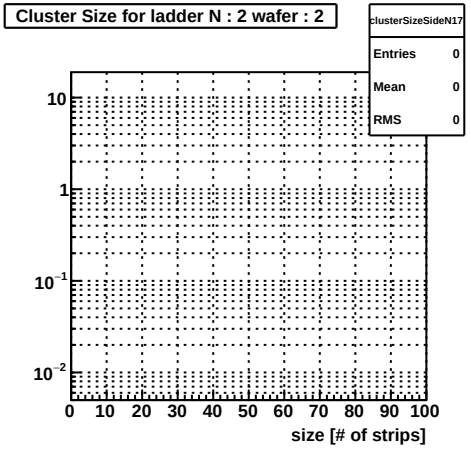

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

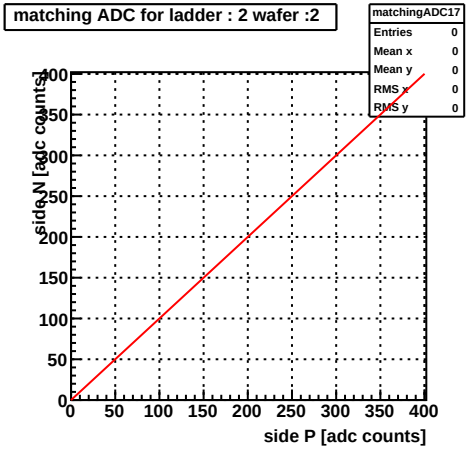

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

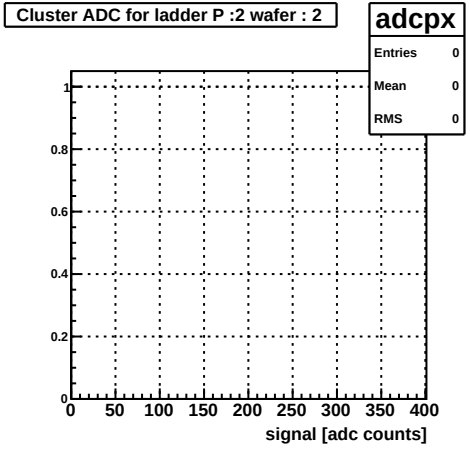

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

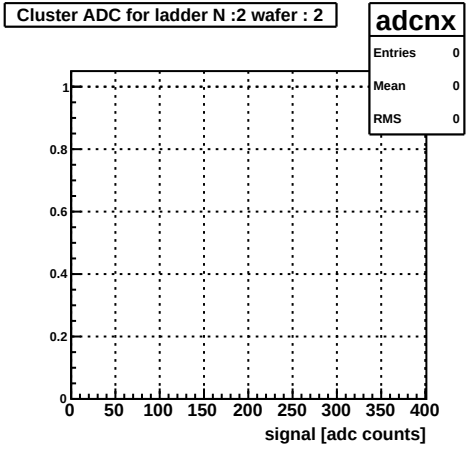

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

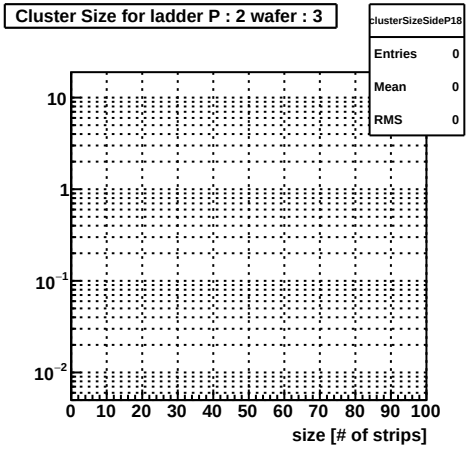

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

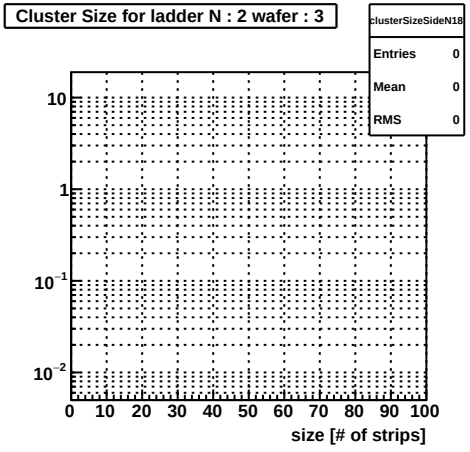

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

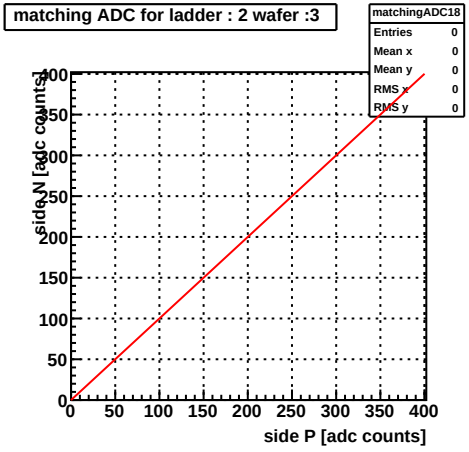

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

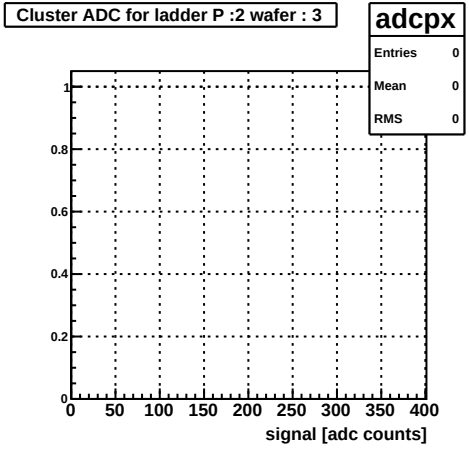

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

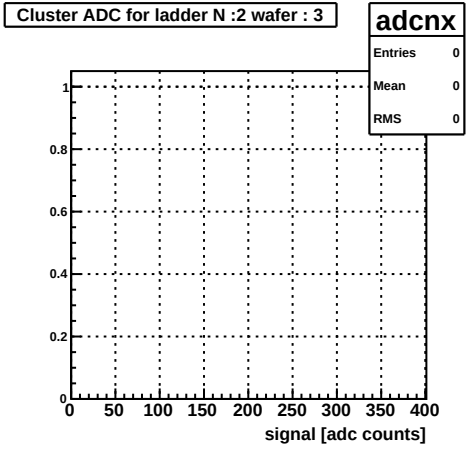

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

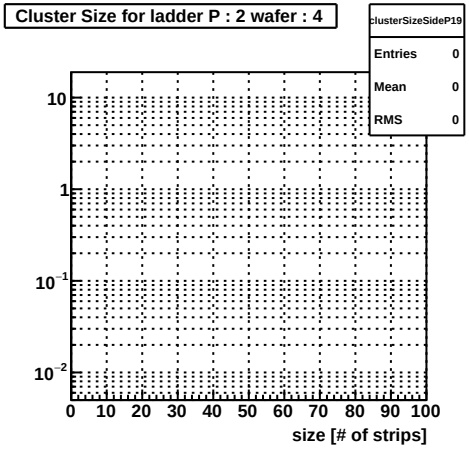

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

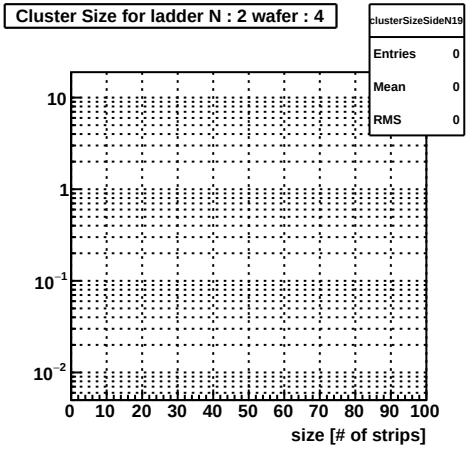

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

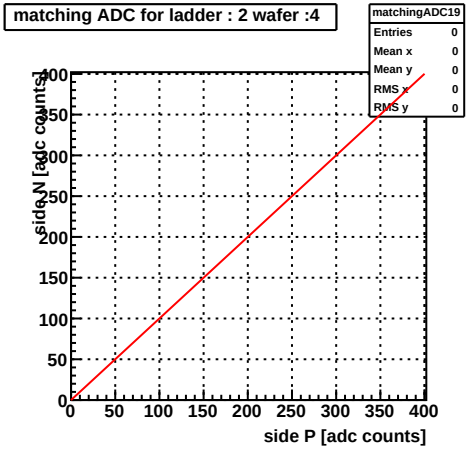

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

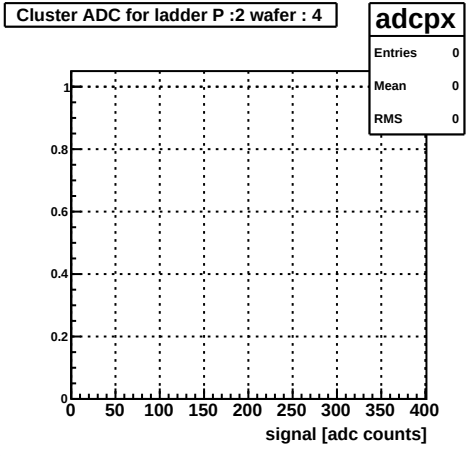

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

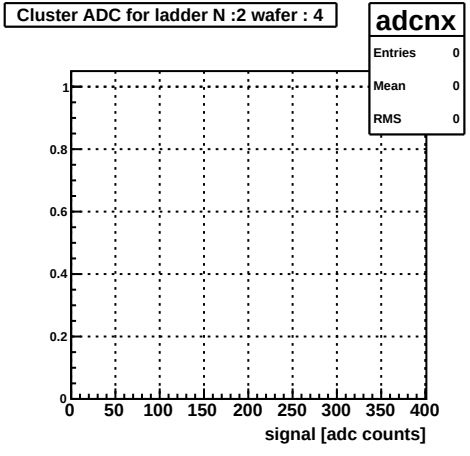

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

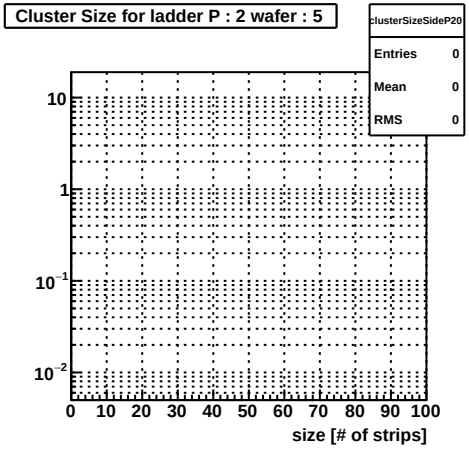

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

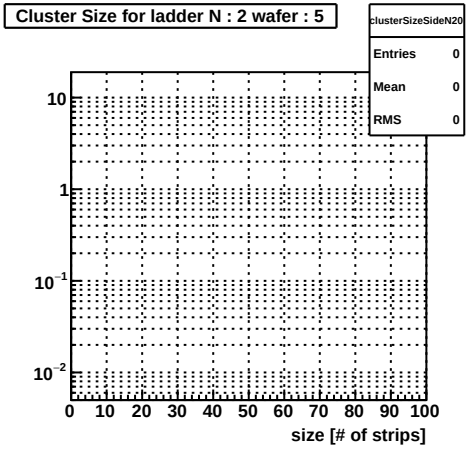

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

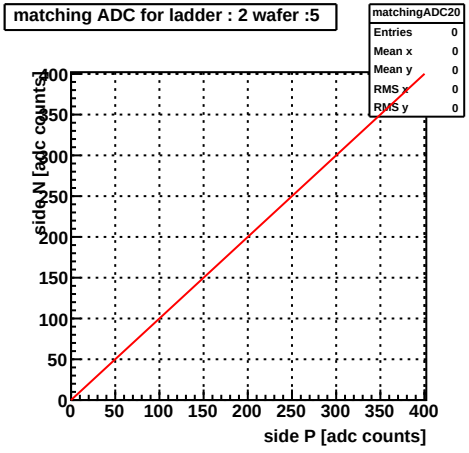

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

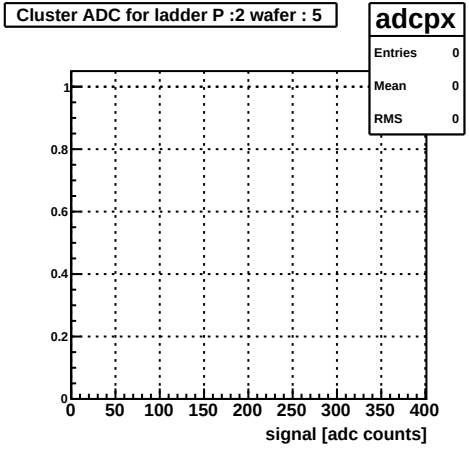

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

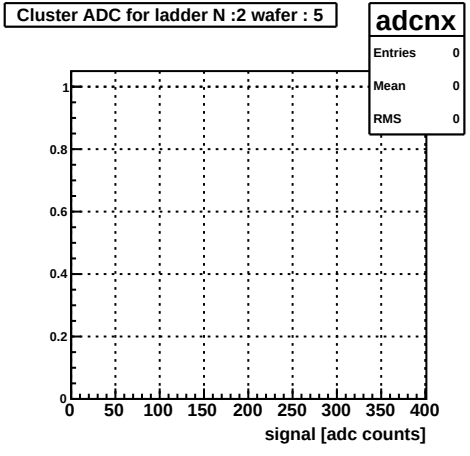

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

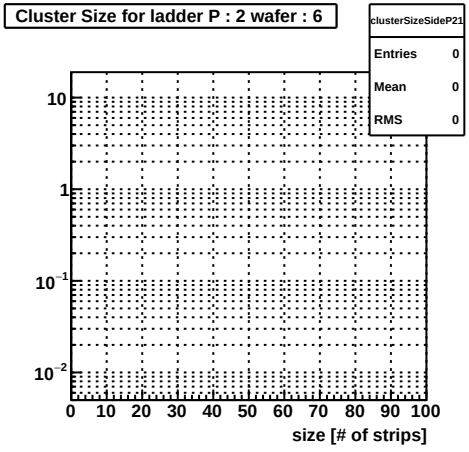

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

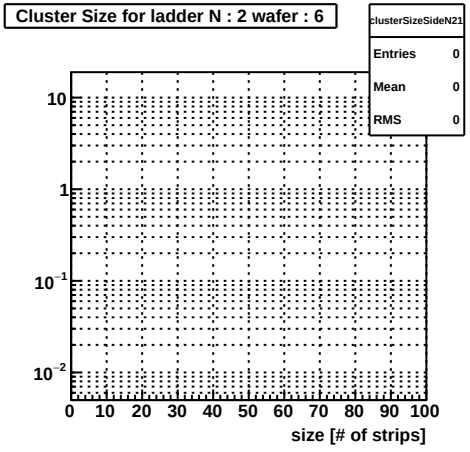

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

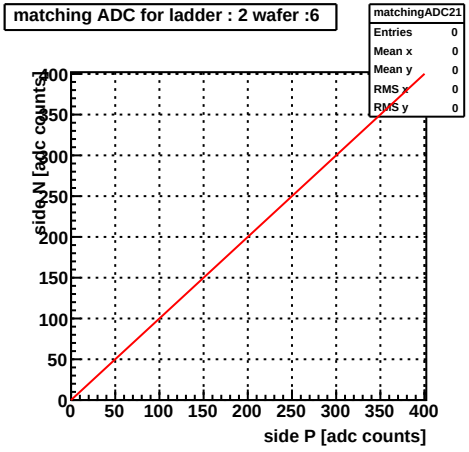

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

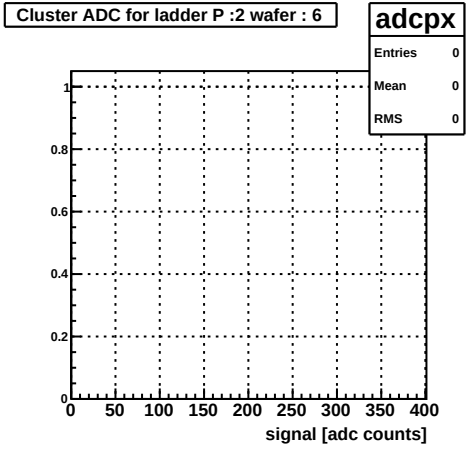

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

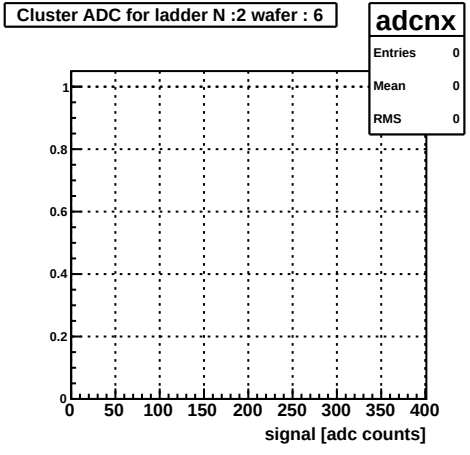

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

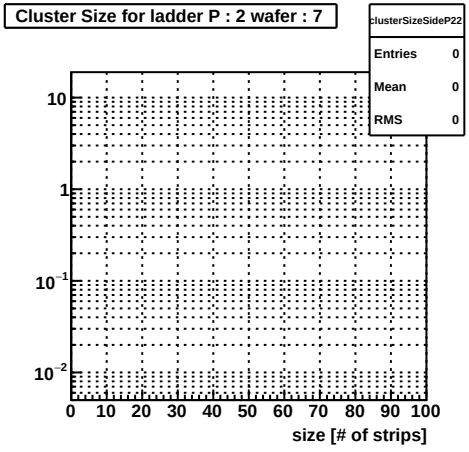

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

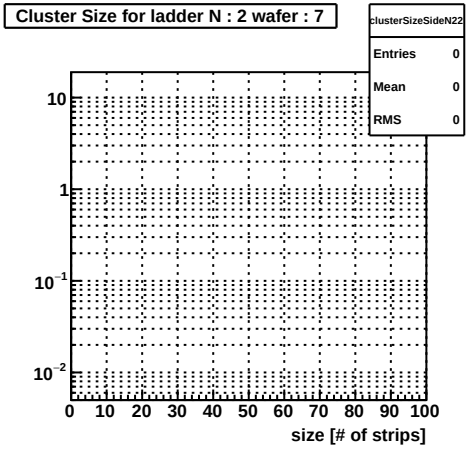

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

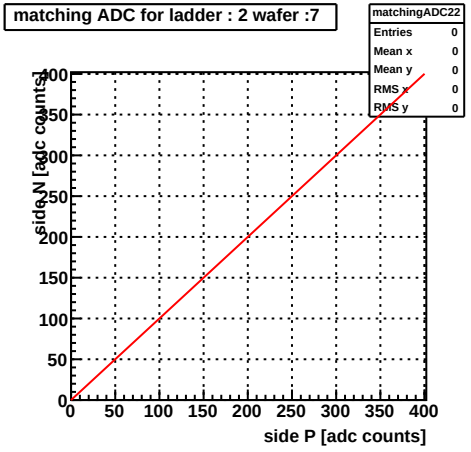

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

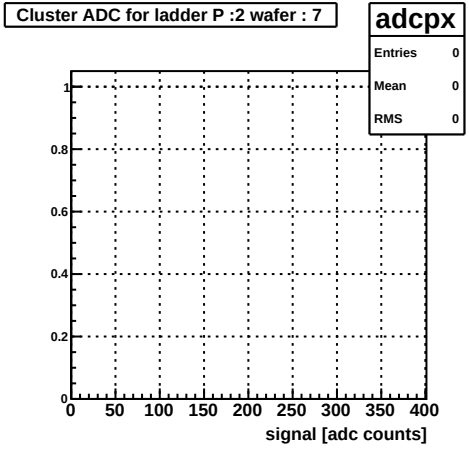

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

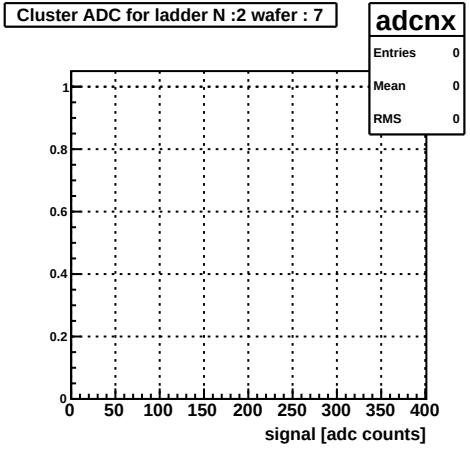

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

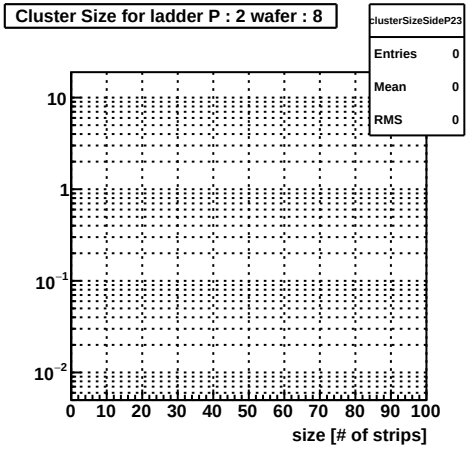

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

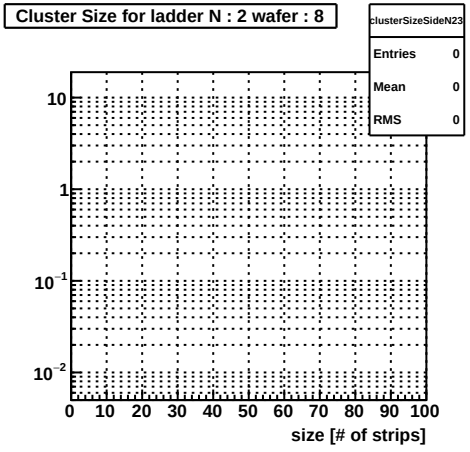

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

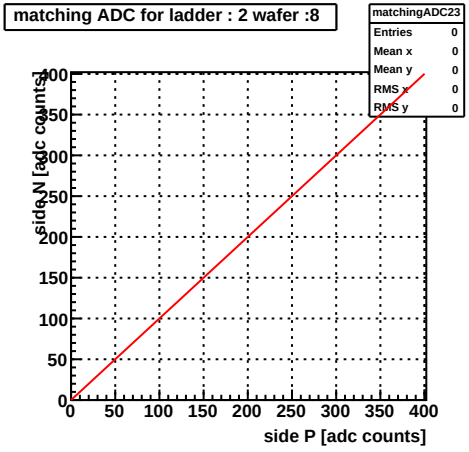

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

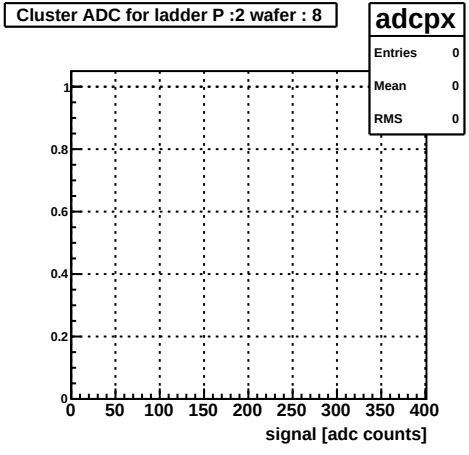

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

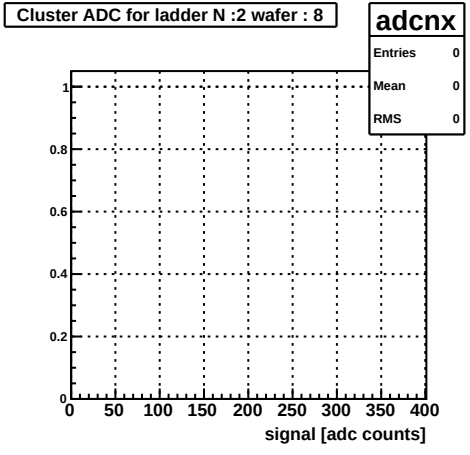

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

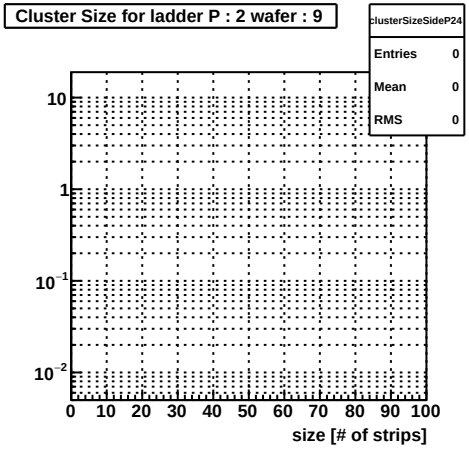

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

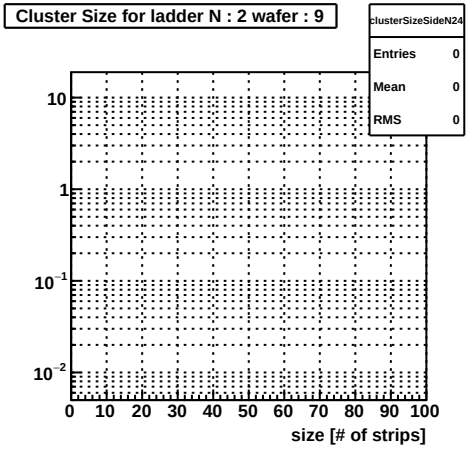

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

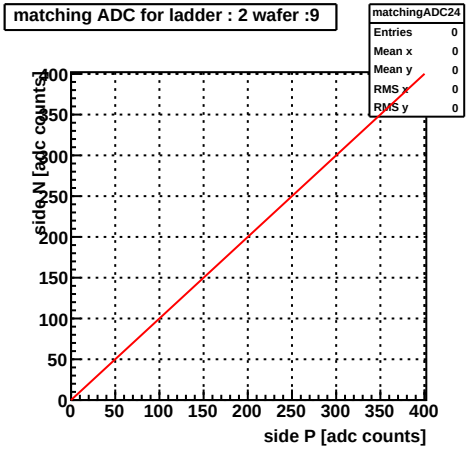

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

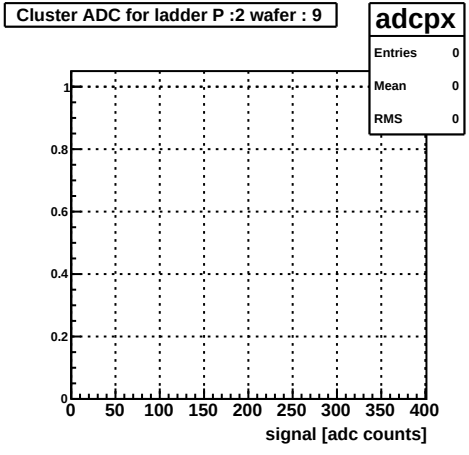

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

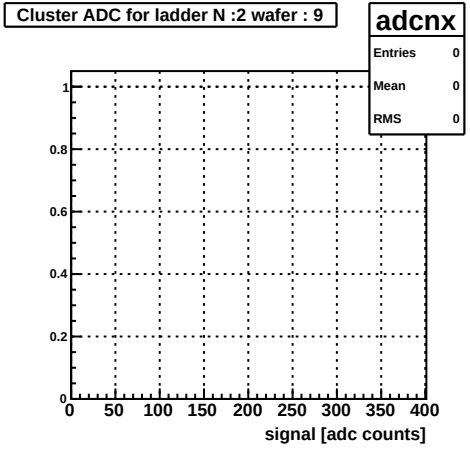

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

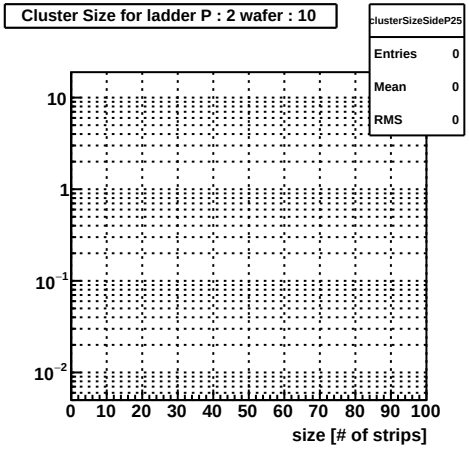

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

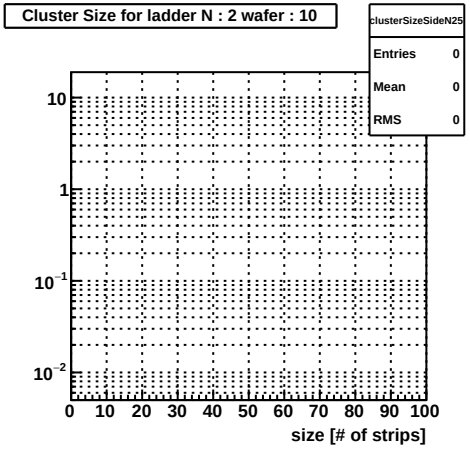

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

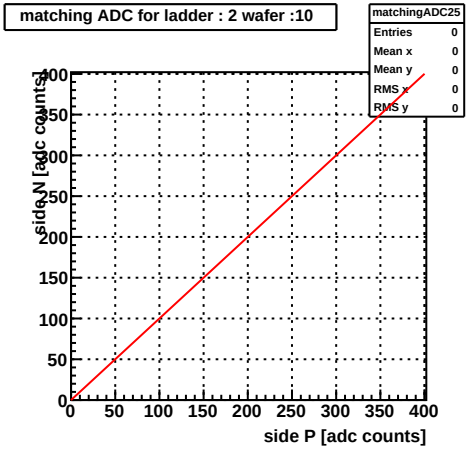

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

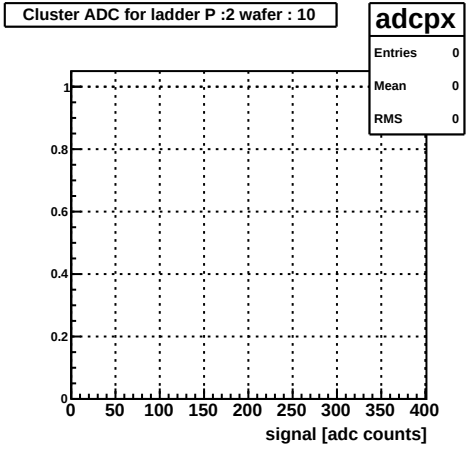

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

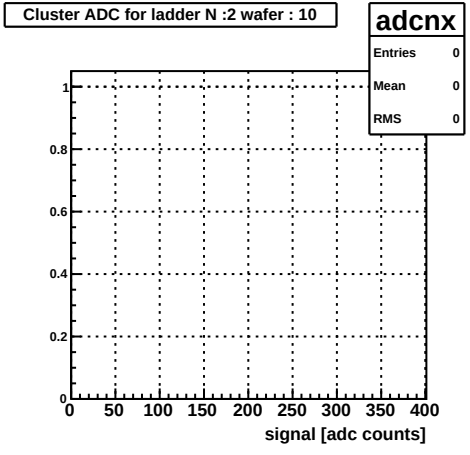

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

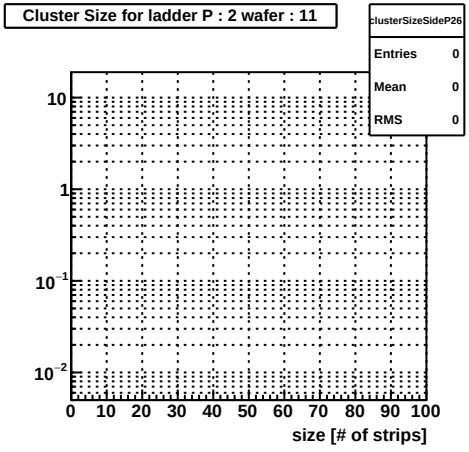

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

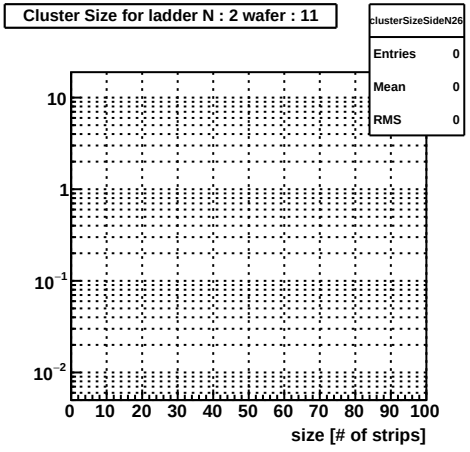

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

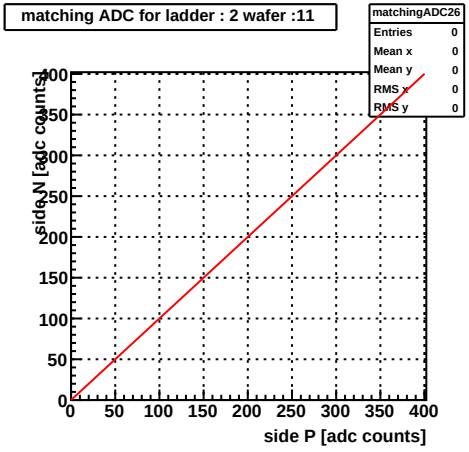

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

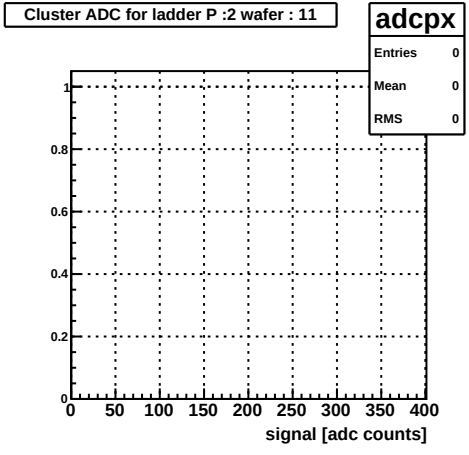

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

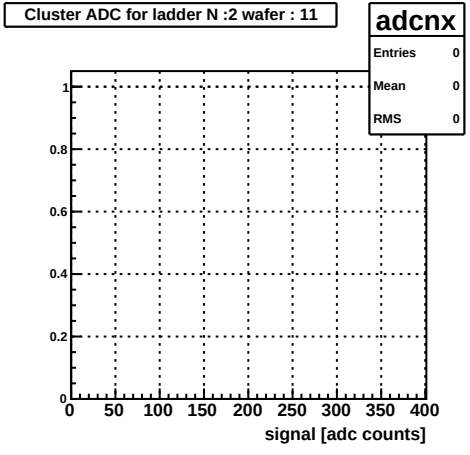

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

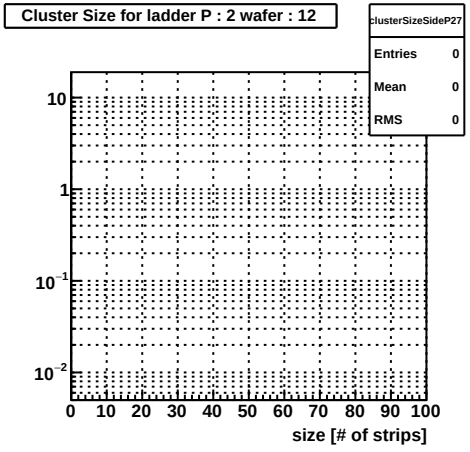

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

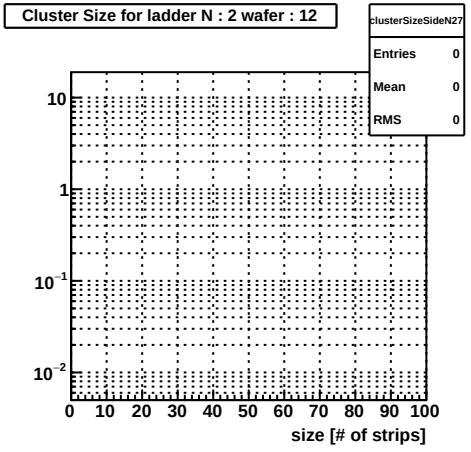

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

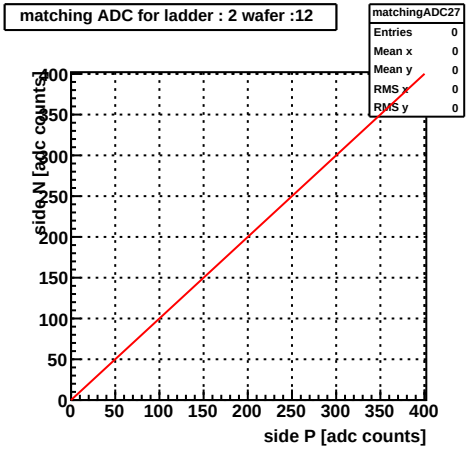

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

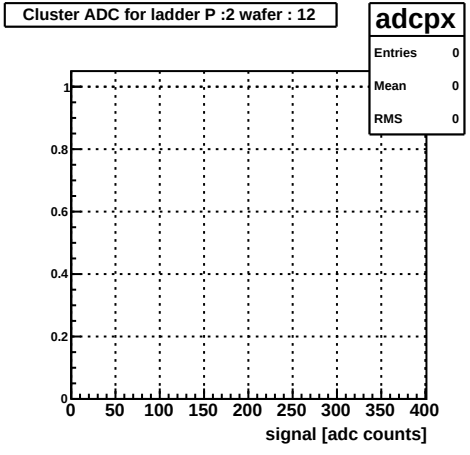

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

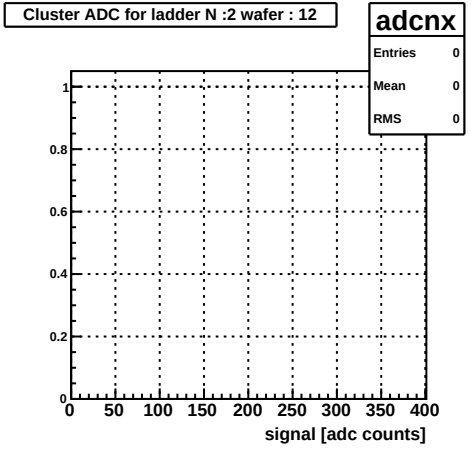

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

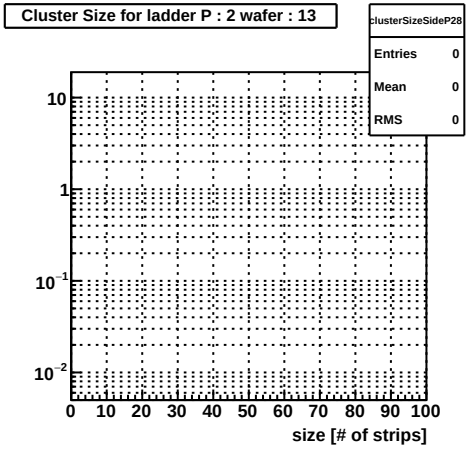

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

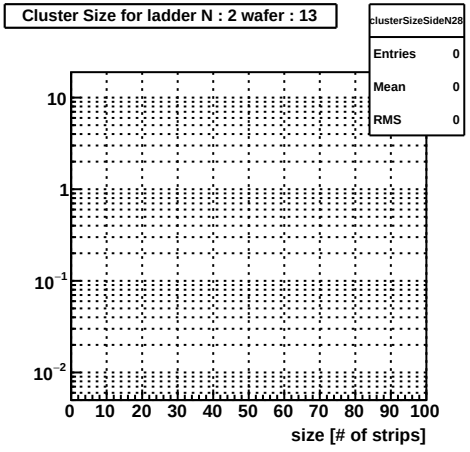

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

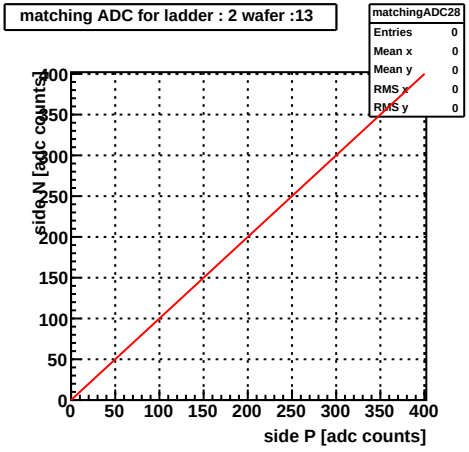

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

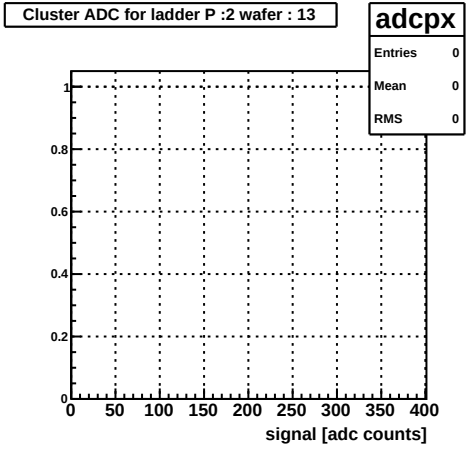

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

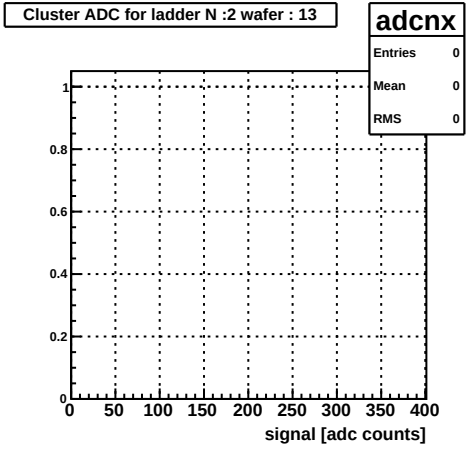

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

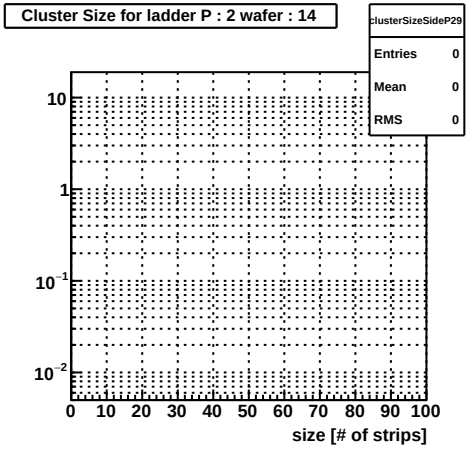

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

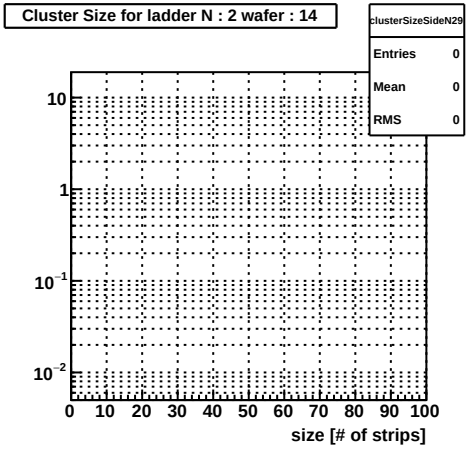

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

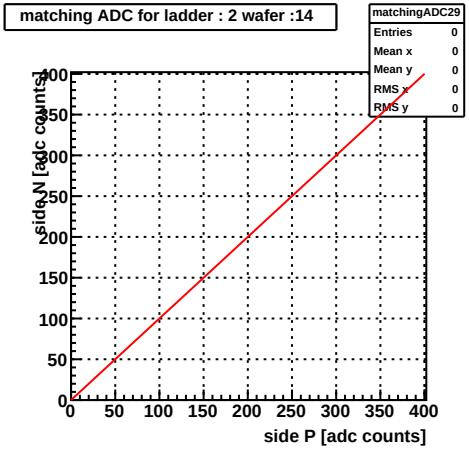

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

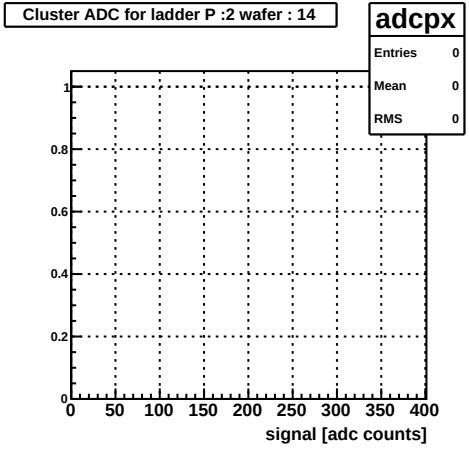

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

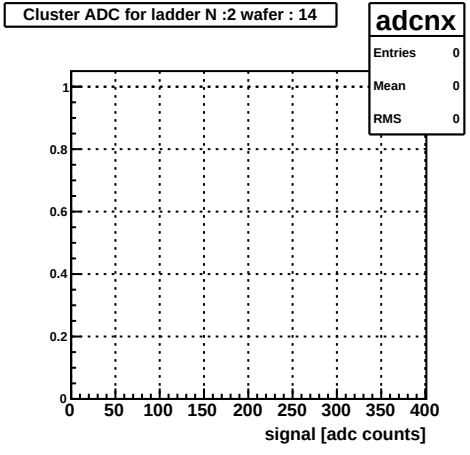

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

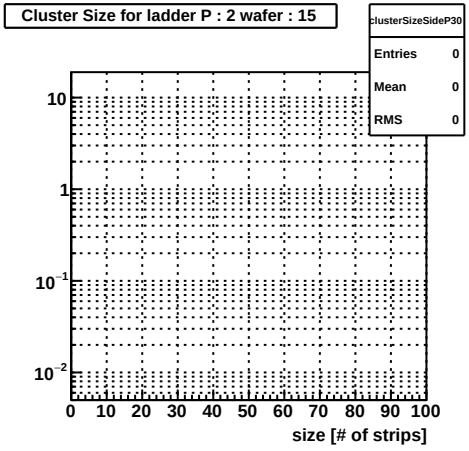

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

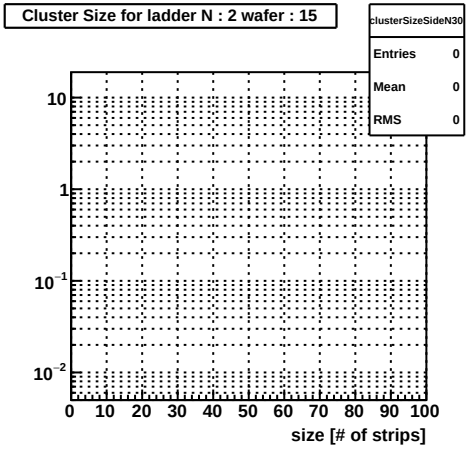

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

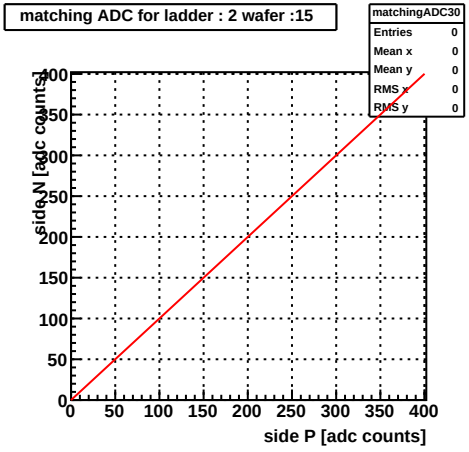

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

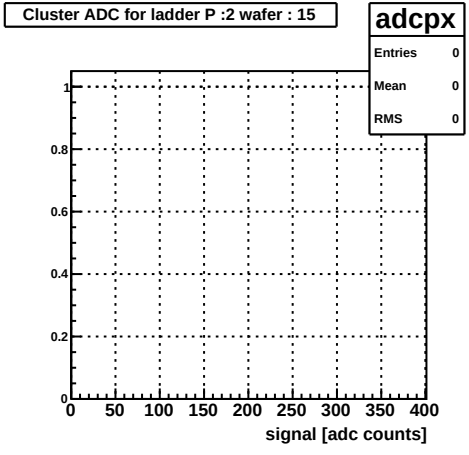

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

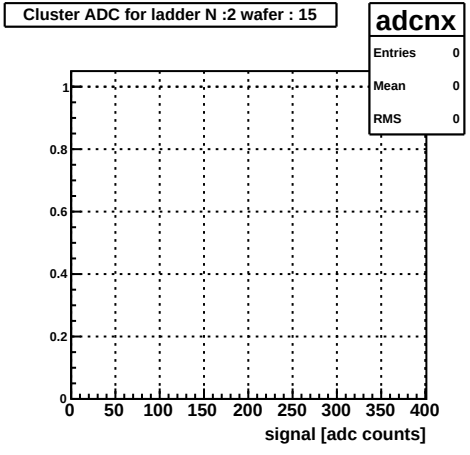

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

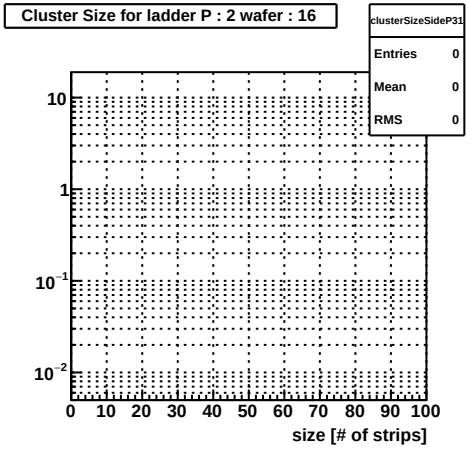

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

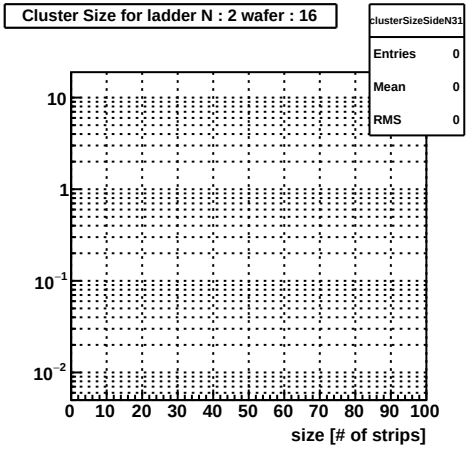

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

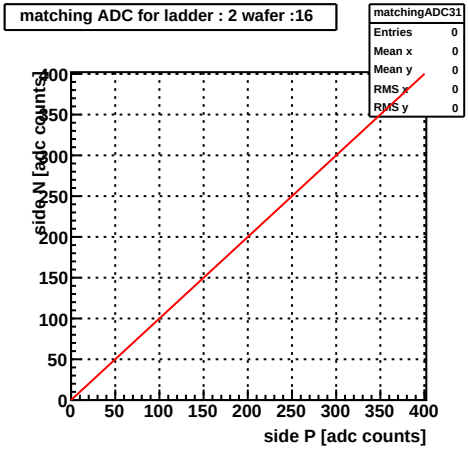

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

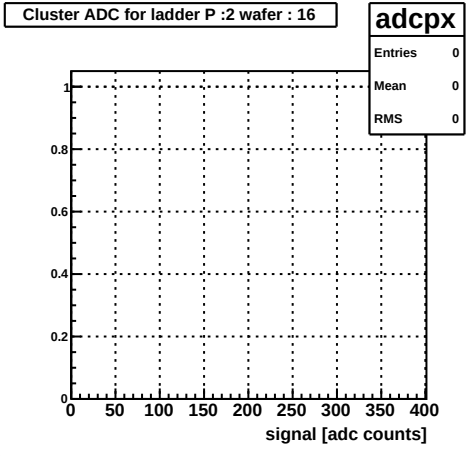

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

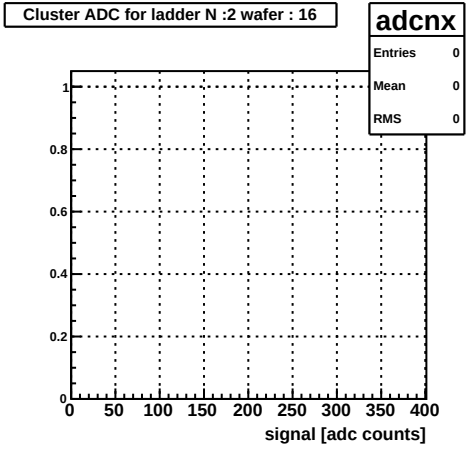

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

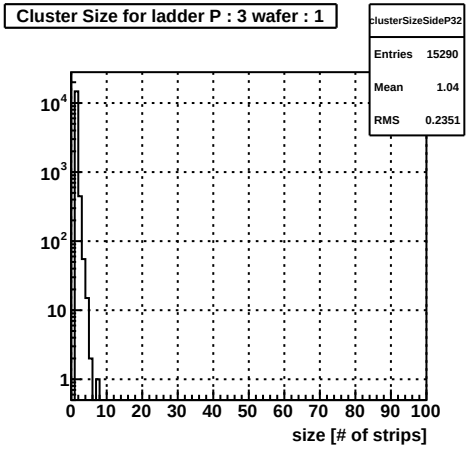

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

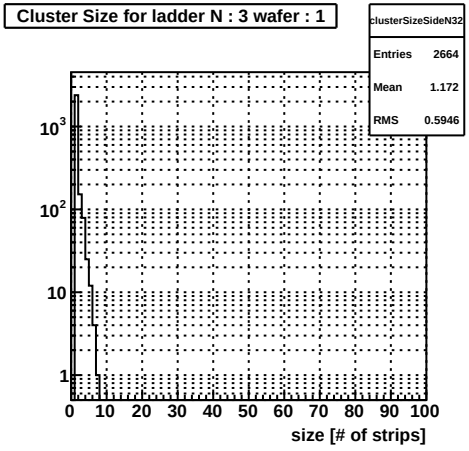

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

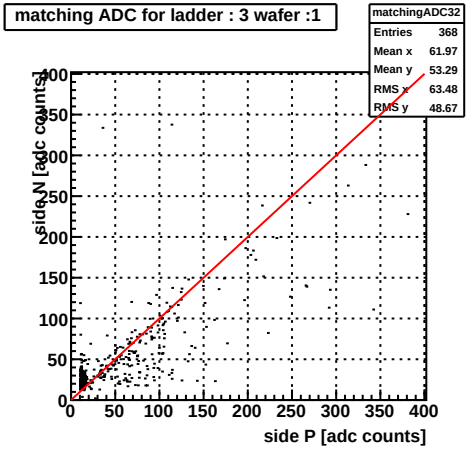

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

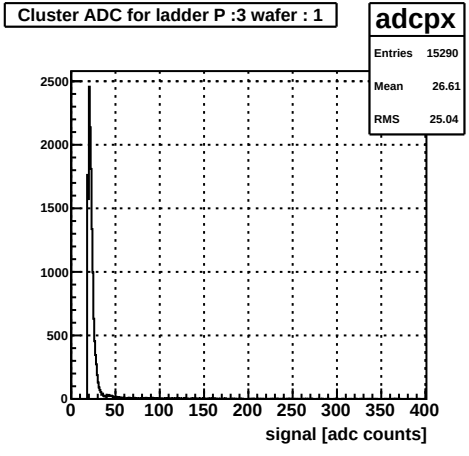

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

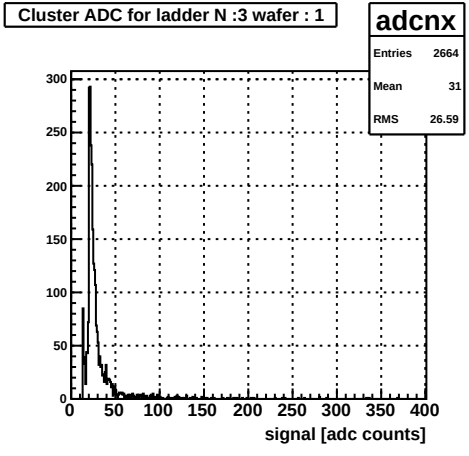

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

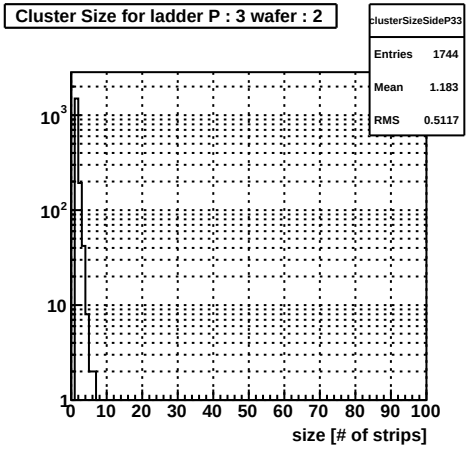

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 15290
Mean 1.04
RMS 0.2351
size [# of strips]

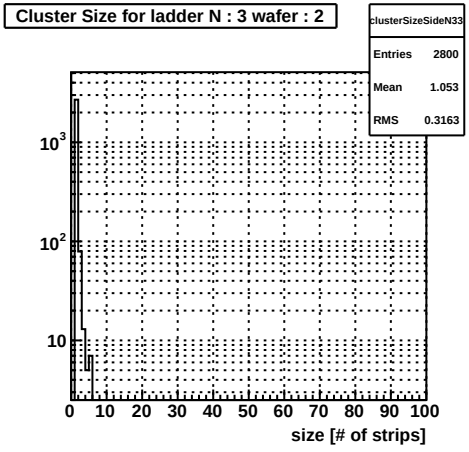

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2664
Mean 1.172
RMS 0.5946
size [# of strips]

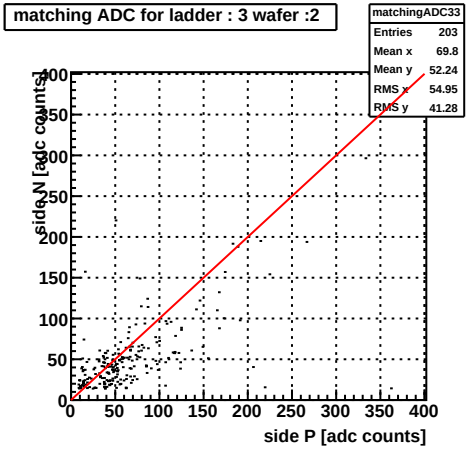

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 368
Mean x 61.97
Mean y 53.29
RMS x 63.48
RMS y 48.67
side N [adc counts]
side P [adc counts]

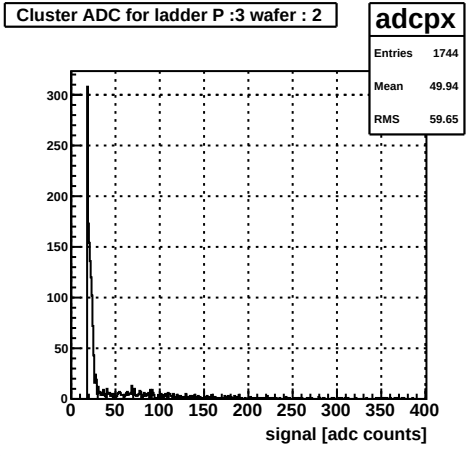

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 15290
Mean 26.61
RMS 25.04
signal [adc counts]

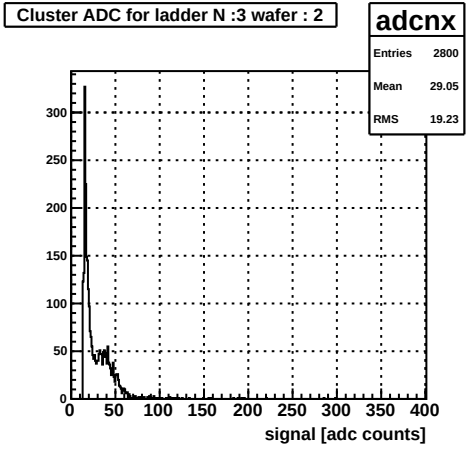

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2664
Mean 31
RMS 26.59
signal [adc counts]

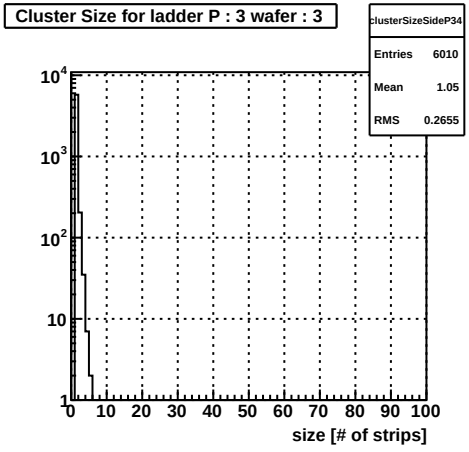

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1744
Mean 1.183
RMS 0.5117
size [# of strips]

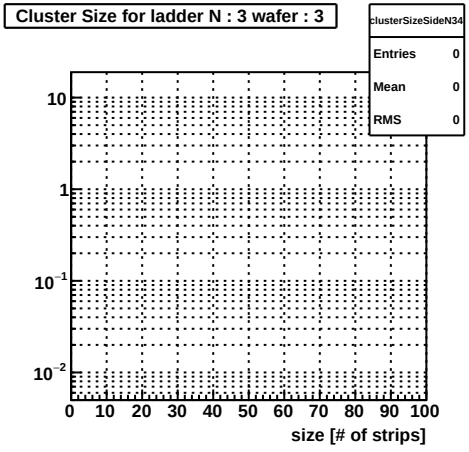

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2800
Mean 1.053
RMS 0.3163
size [# of strips]

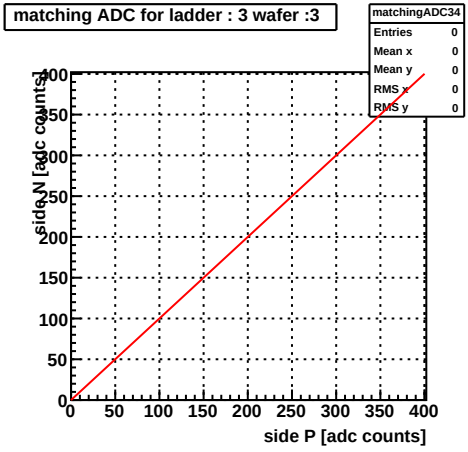

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 203
Mean x 69.8
Mean y 52.24
RMS x 54.95
RMS y 41.28
side N [adc counts]
side P [adc counts]

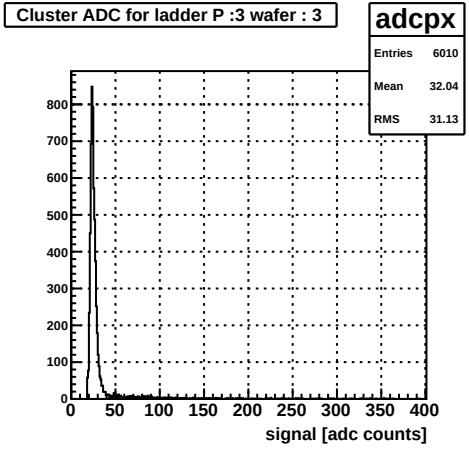

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1744
Mean 49.94
RMS 59.65
signal [adc counts]

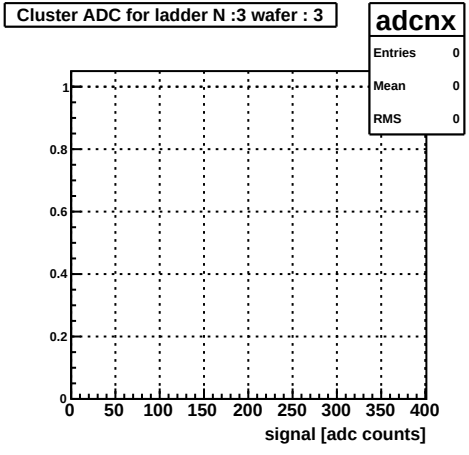

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2800
Mean 29.05
RMS 19.23
signal [adc counts]

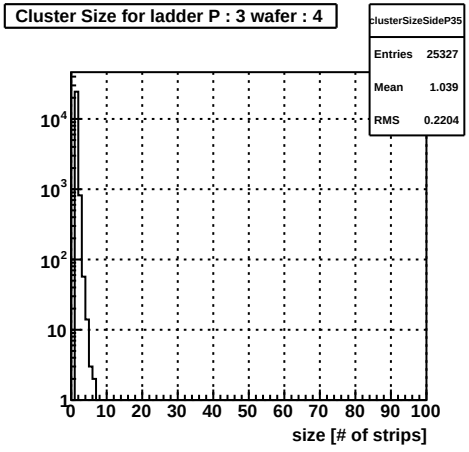

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6010
Mean 1.05
RMS 0.2655
size [# of strips]

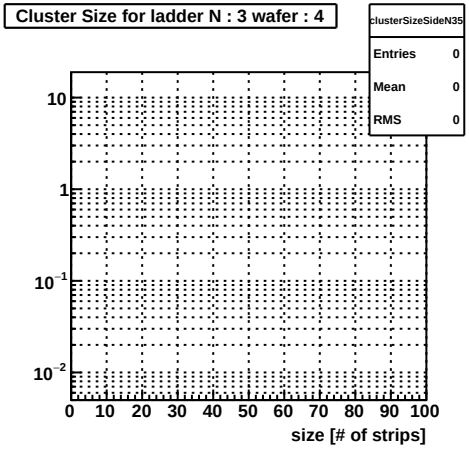

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

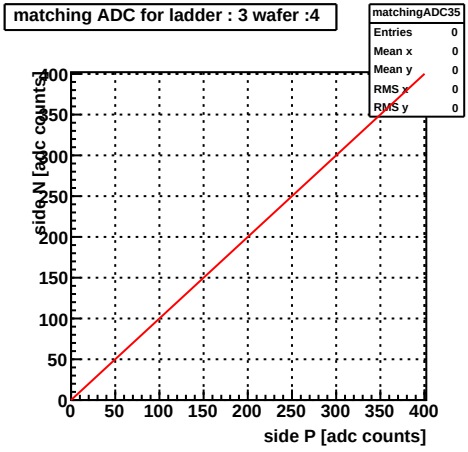

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

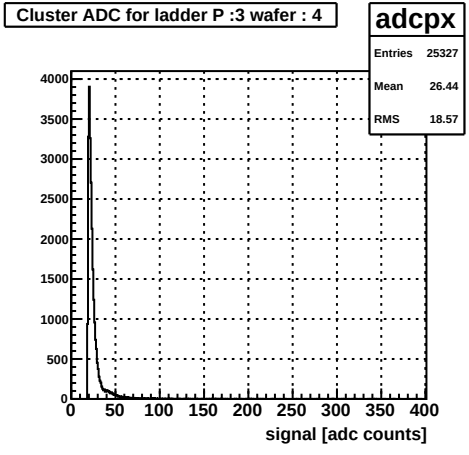

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6010
Mean 32.04
RMS 31.13
signal [adc counts]

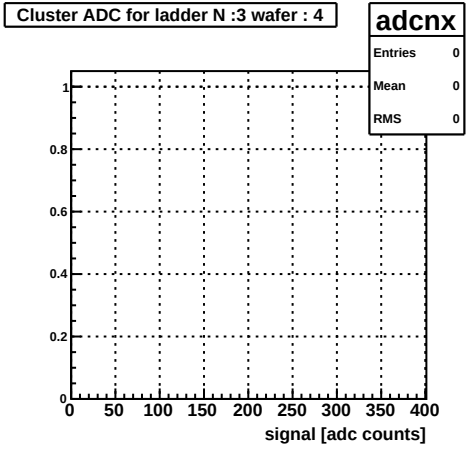

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

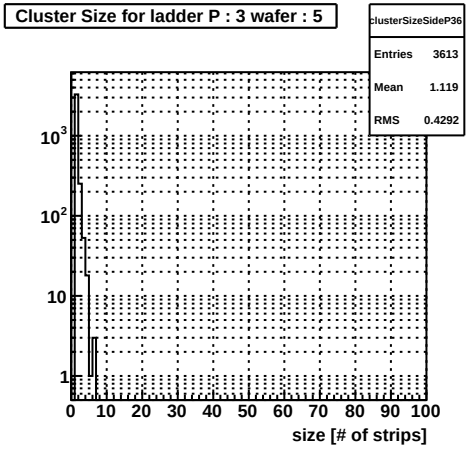

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 25327
Mean 1.039
RMS 0.2204
size [# of strips]

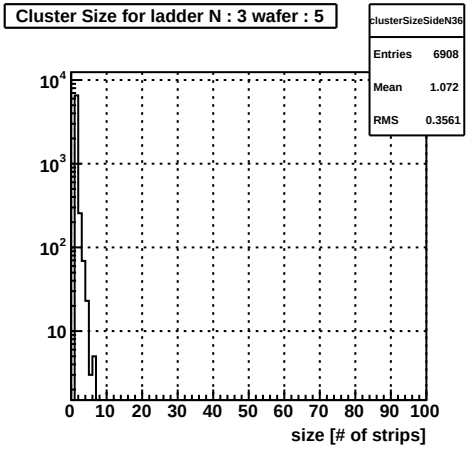

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

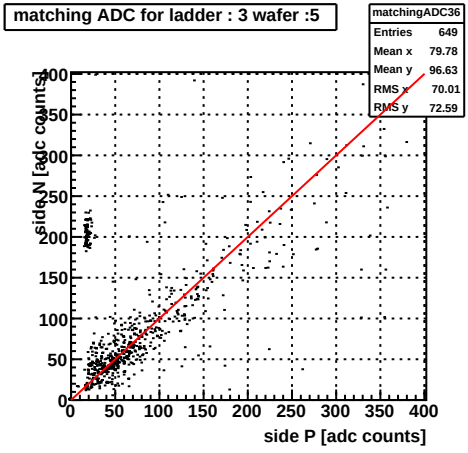

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

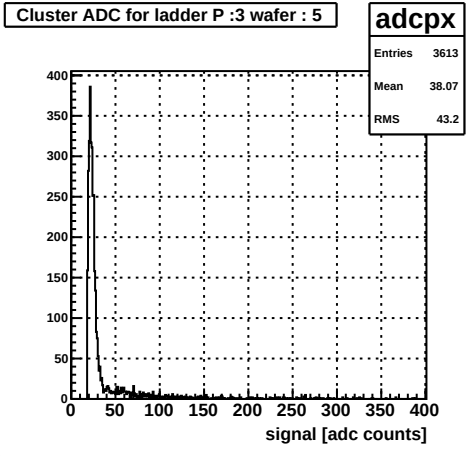

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 25327
Mean 26.44
RMS 18.57
signal [adc counts]

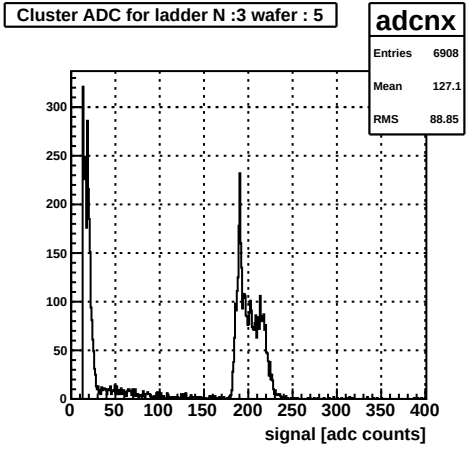

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

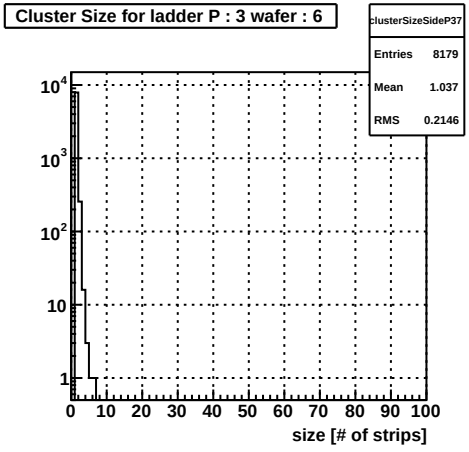

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3613
Mean 1.119
RMS 0.4292
size [# of strips]

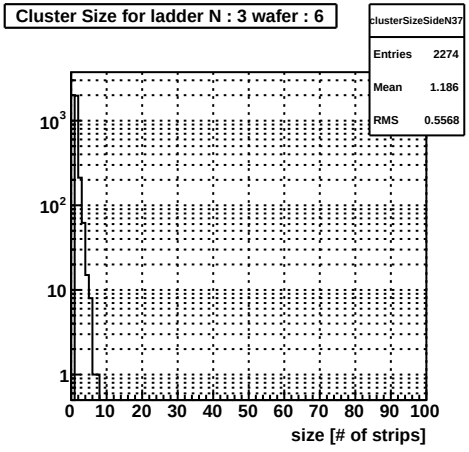

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6908
Mean 1.072
RMS 0.3561
size [# of strips]

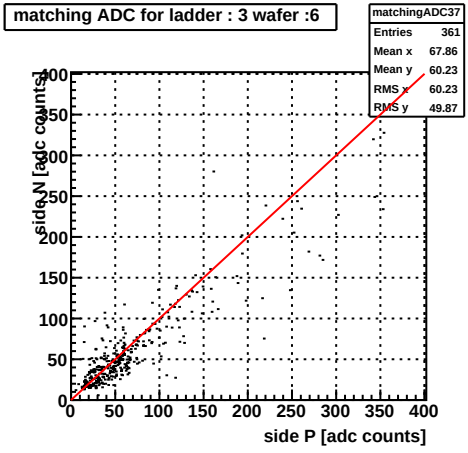

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 649
Mean x 79.78
Mean y 96.63
RMS x 70.01
RMS y 72.59
side N [adc counts]
side P [adc counts]

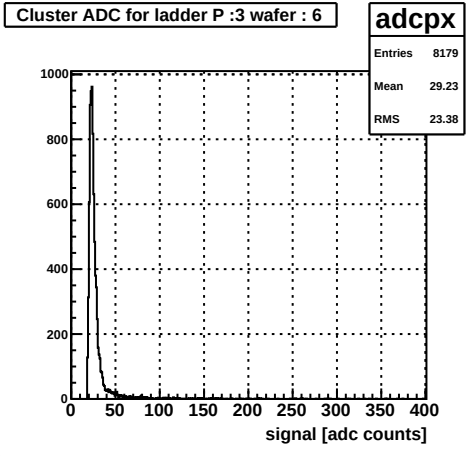

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3613
Mean 38.07
RMS 43.2
signal [adc counts]

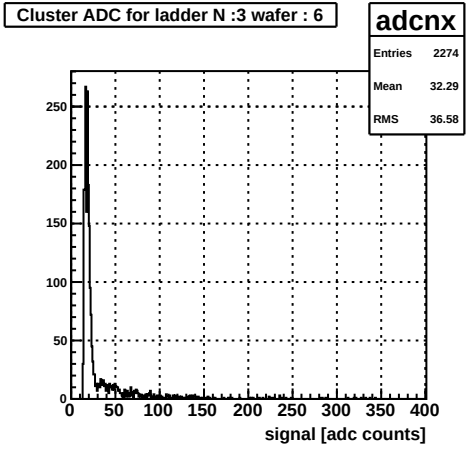

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6908
Mean 127.1
RMS 88.85
signal [adc counts]

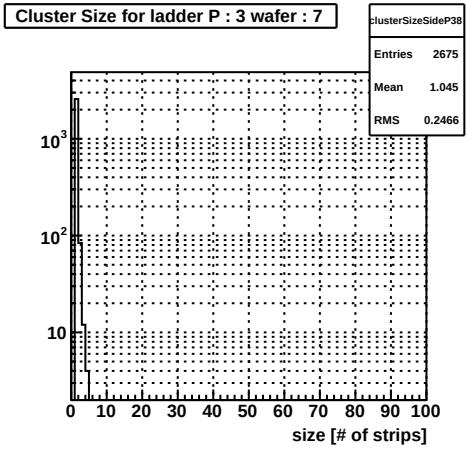

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8179
Mean 1.037
RMS 0.2146
size [# of strips]

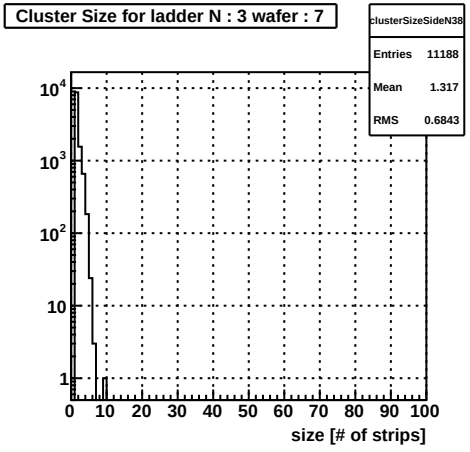

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2274
Mean 1.186
RMS 0.5568
size [# of strips]

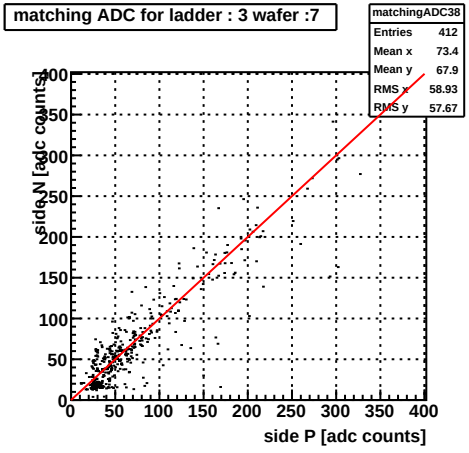

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 361
Mean x 67.86
Mean y 60.23
RMS x 60.23
RMS y 49.87
side N [adc counts]
side P [adc counts]

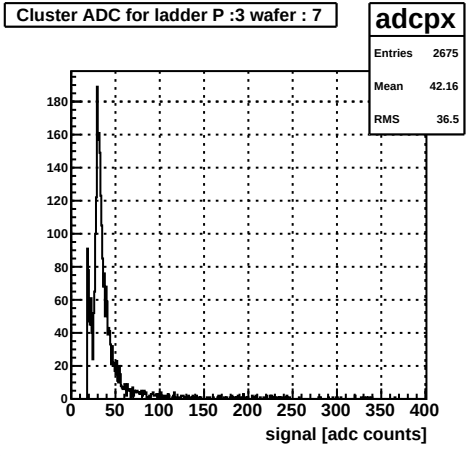

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8179
Mean 29.23
RMS 23.38
signal [adc counts]

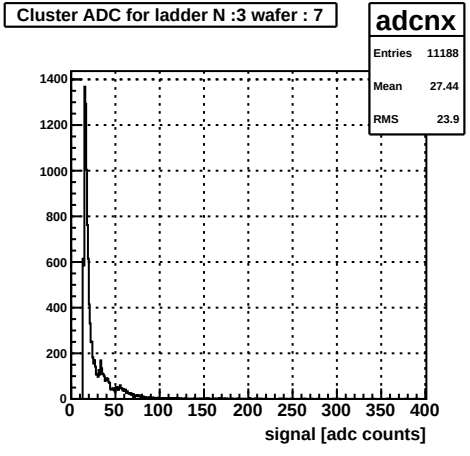

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2274
Mean 32.29
RMS 36.58
signal [adc counts]

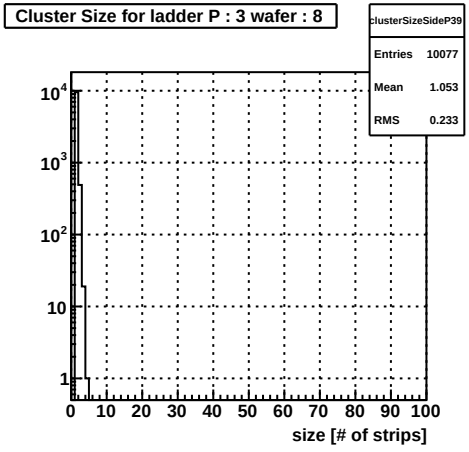

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2675
Mean 1.045
RMS 0.2466
size [# of strips]

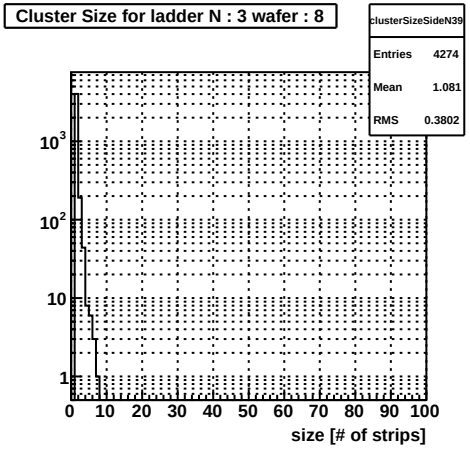

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11188
Mean 1.317
RMS 0.6843
size [# of strips]

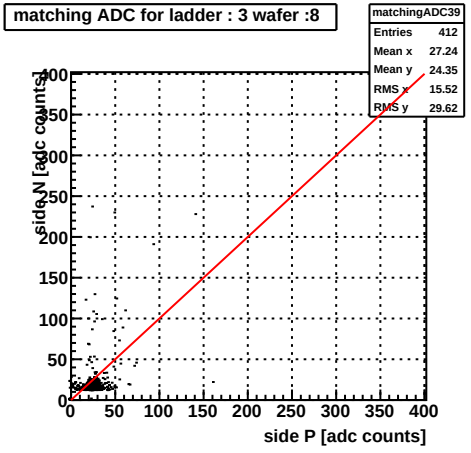

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 412
Mean x 73.4
Mean y 67.9
RMS x 58.93
RMS y 57.67
side N [adc counts]
side P [adc counts]

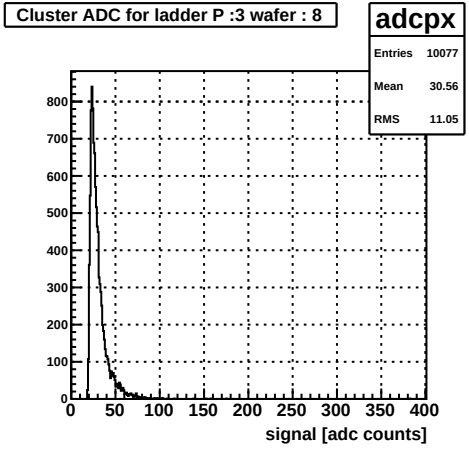

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2675
Mean 42.16
RMS 36.5
signal [adc counts]

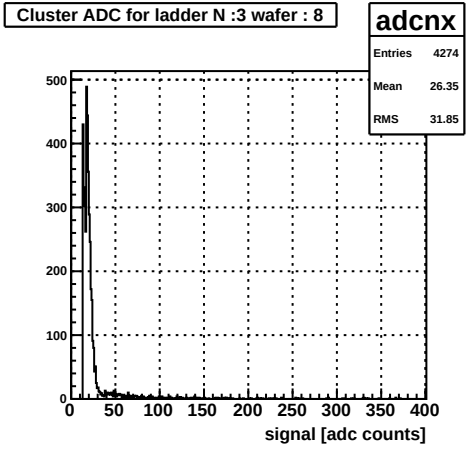

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11188
Mean 27.44
RMS 23.9
signal [adc counts]

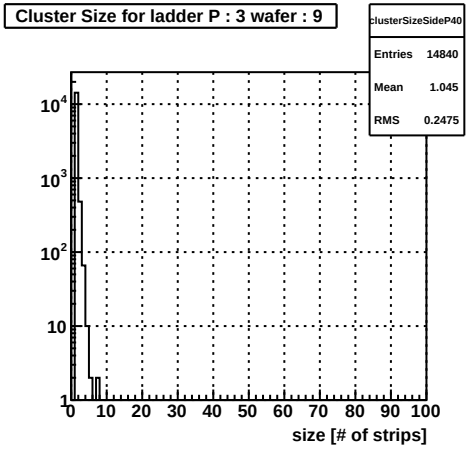

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 10077
Mean 1.053
RMS 0.233
size [# of strips]

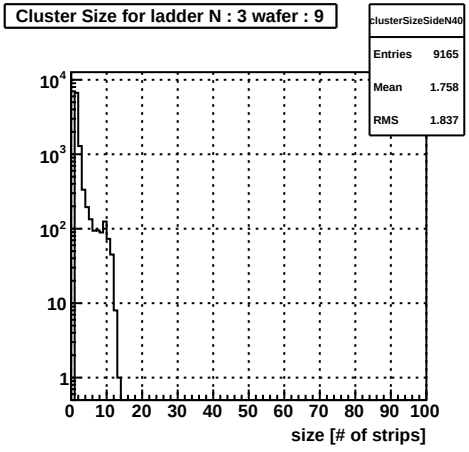

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 4274
Mean 1.081
RMS 0.3802
size [# of strips]

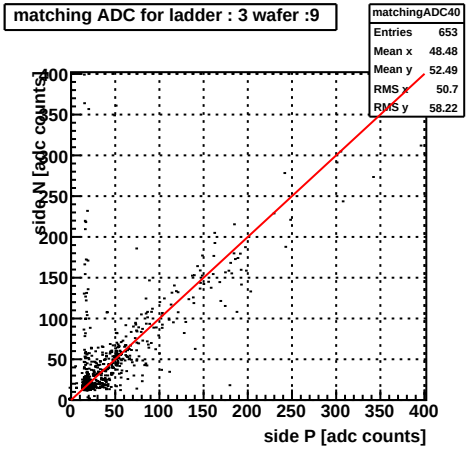

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 412
Mean x 27.24
Mean y 24.35
RMS x 15.52
RMS y 29.62
side N [adc counts]
side P [adc counts]

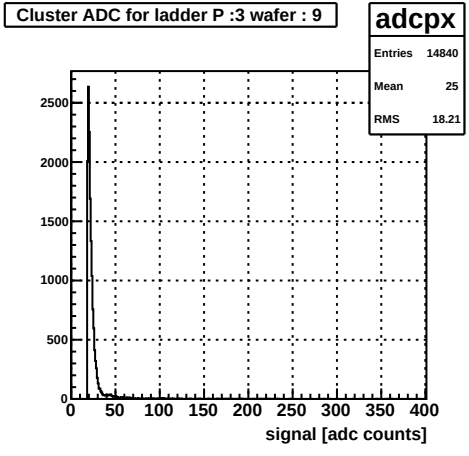

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 10077
Mean 30.56
RMS 11.05
signal [adc counts]

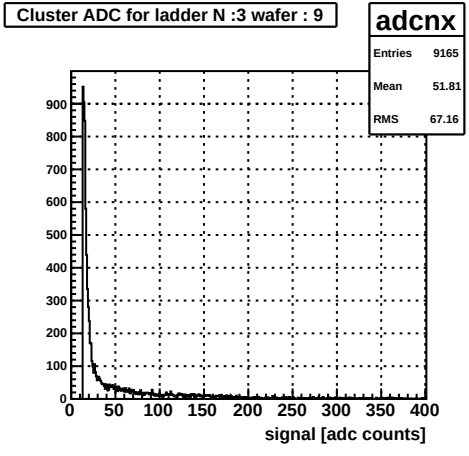

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 4274
Mean 26.35
RMS 31.85
signal [adc counts]

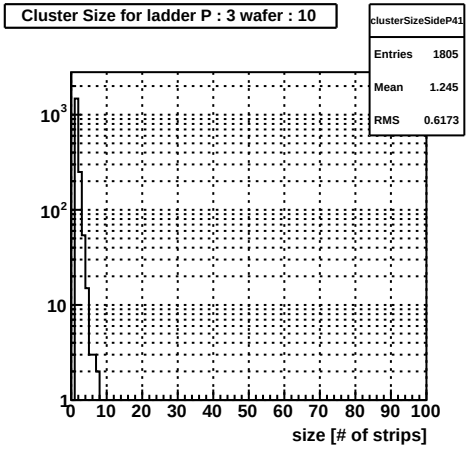

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 14840
Mean 1.045
RMS 0.2475
size [# of strips]

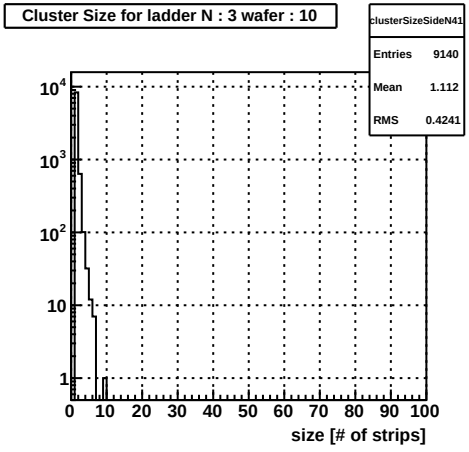

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9165
Mean 1.758
RMS 1.837
size [# of strips]

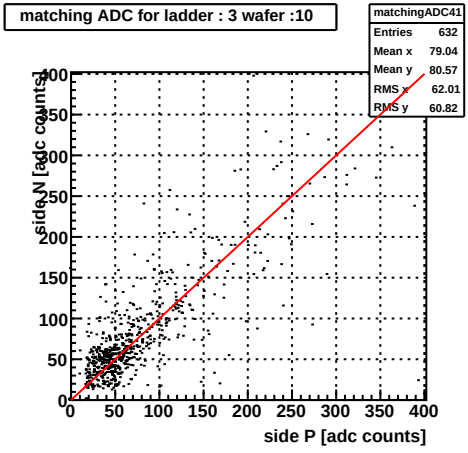

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 653
Mean x 48.48
Mean y 52.49
RMS x 50.7
RMS y 58.22
side N [adc counts]
side P [adc counts]

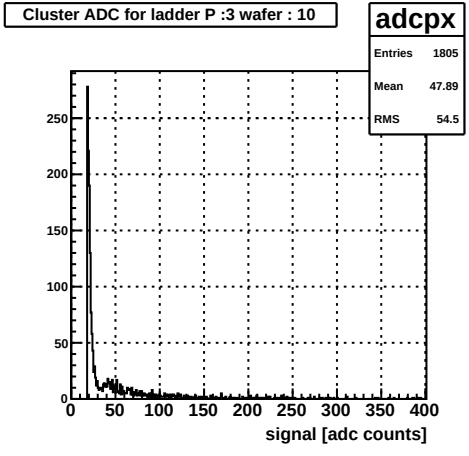

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 14840
Mean 25
RMS 18.21
signal [adc counts]

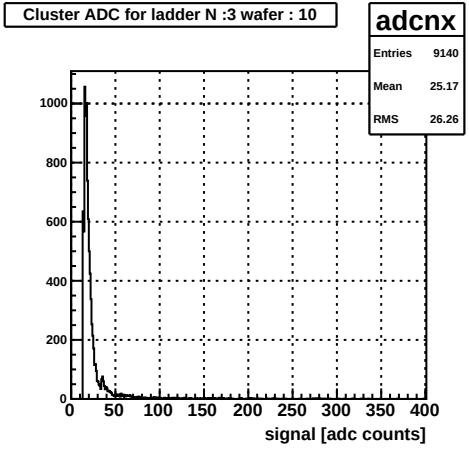

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9165
Mean 51.81
RMS 67.16
signal [adc counts]

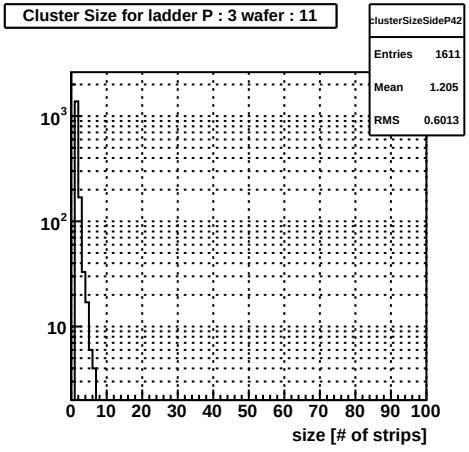

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1805
Mean 1.245
RMS 0.6173
size [# of strips]

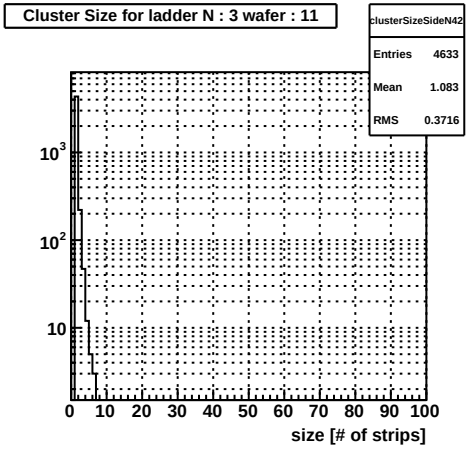

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 9140
Mean 1.112
RMS 0.4241
size [# of strips]

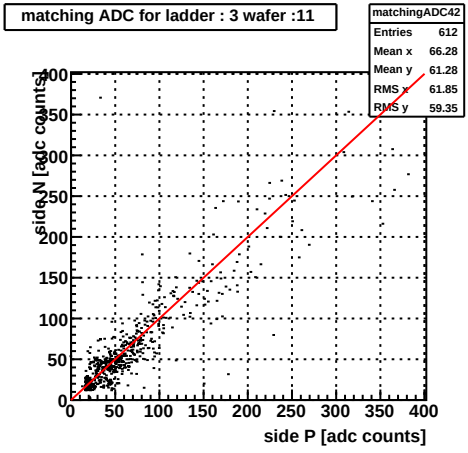

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 632
Mean x 79.04
Mean y 80.57
RMS x 62.01
RMS y 60.82
side N [adc counts]
side P [adc counts]

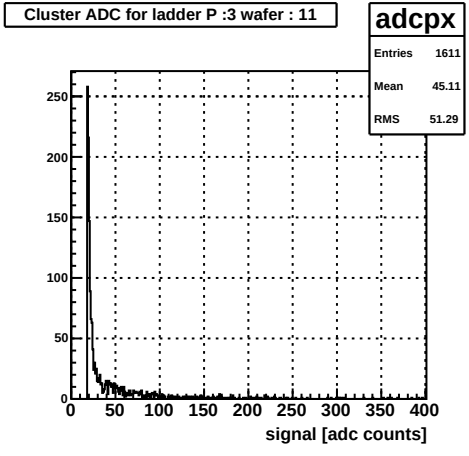

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1805
Mean 47.89
RMS 54.5
signal [adc counts]

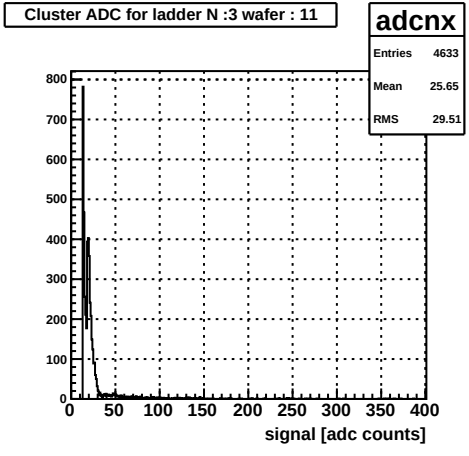

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 9140
Mean 25.17
RMS 26.26
signal [adc counts]

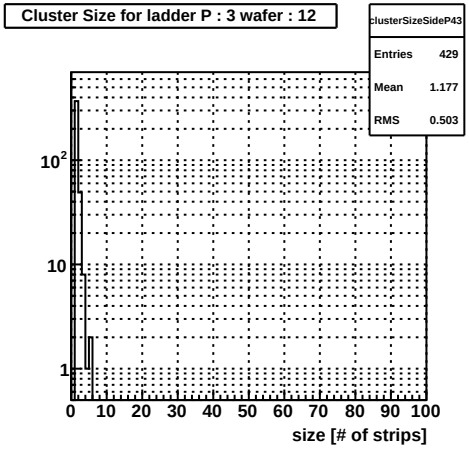

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1611
Mean 1.205
RMS 0.6013
size [# of strips]

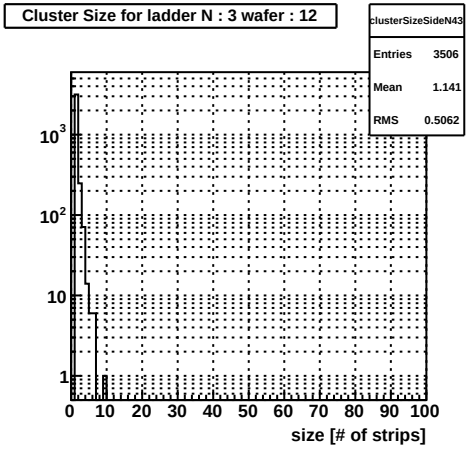

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 4633
Mean 1.083
RMS 0.3716
size [# of strips]

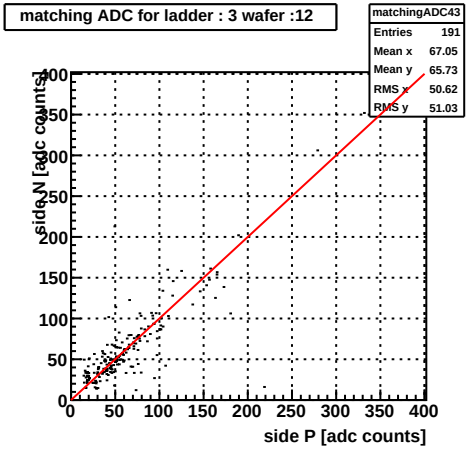

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 612
Mean x 66.28
Mean y 61.28
RMS x 61.85
RMS y 59.35
side N [adc counts]
side P [adc counts]

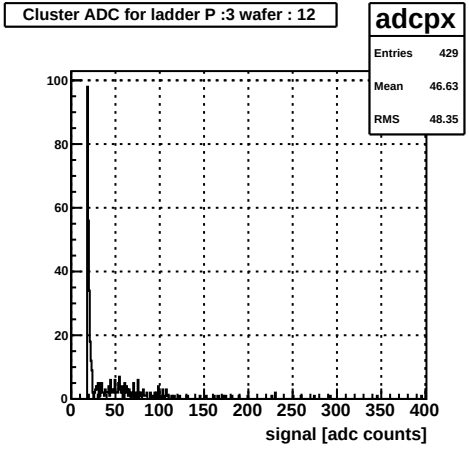

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1611
Mean 45.11
RMS 51.29
signal [adc counts]

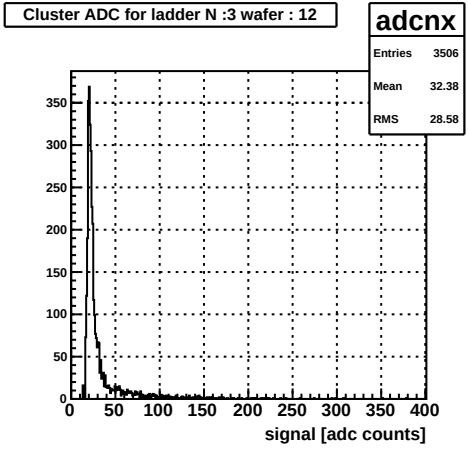

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 4633
Mean 25.65
RMS 29.51
signal [adc counts]

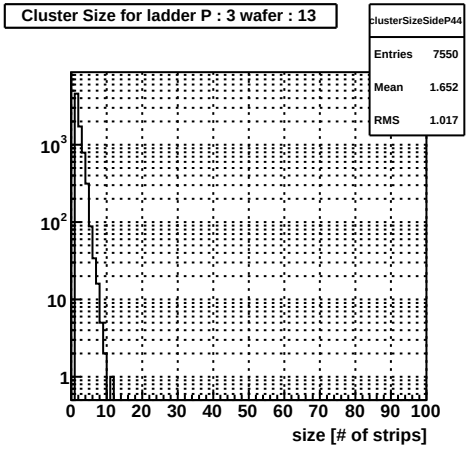

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 429
Mean 1.177
RMS 0.503
size [# of strips]

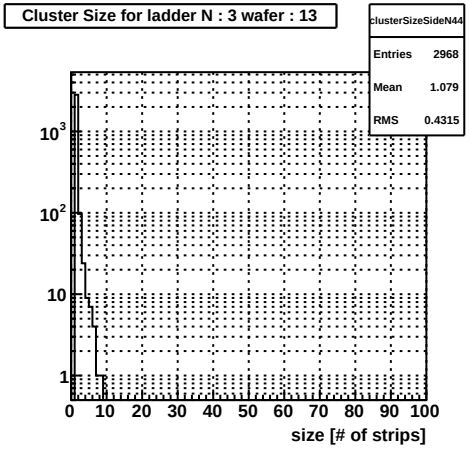

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3506
Mean 1.141
RMS 0.5062
size [# of strips]

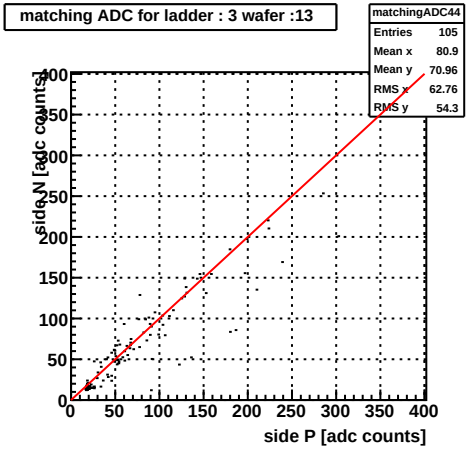

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 191
Mean x 67.05
Mean y 65.73
RMS x 50.62
RMS y 51.03
side N [adc counts]
side P [adc counts]

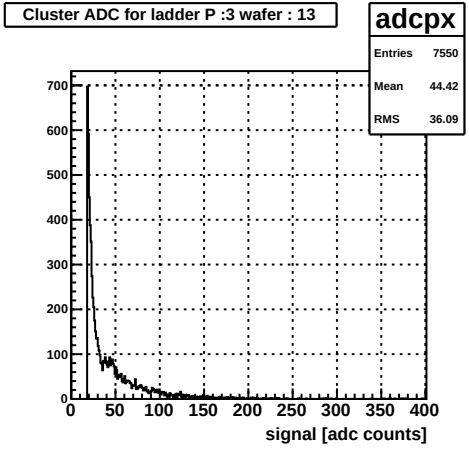

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 429
Mean 46.63
RMS 48.35
signal [adc counts]

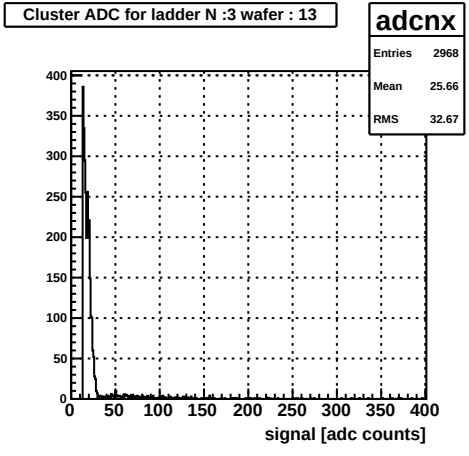

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3506
Mean 32.38
RMS 28.58
signal [adc counts]

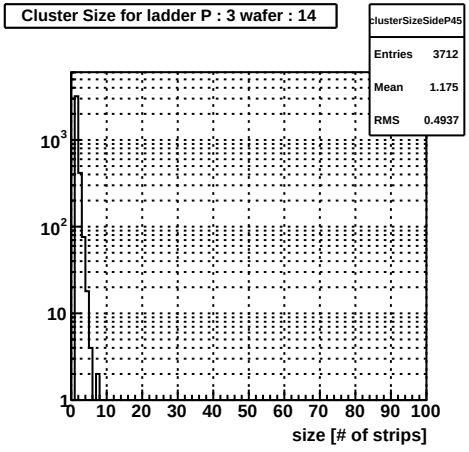

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7550
Mean 1.652
RMS 1.017
size [# of strips]

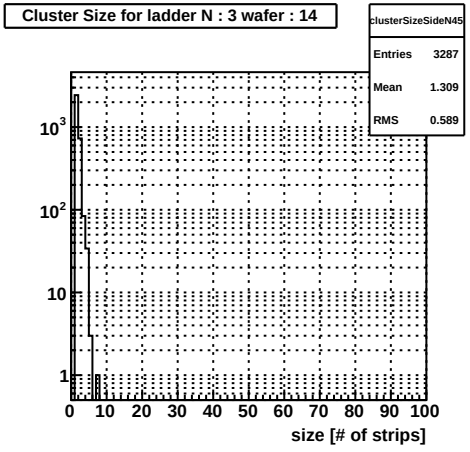

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2968
Mean 1.079
RMS 0.4315
size [# of strips]

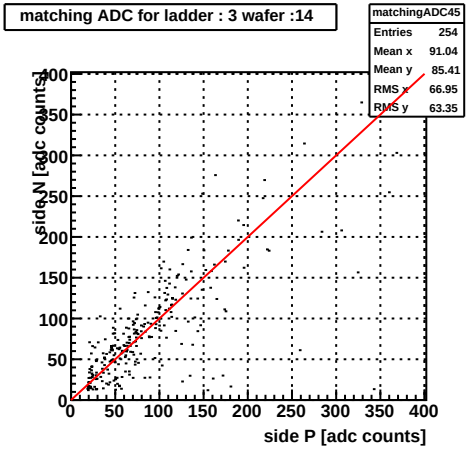

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 105
Mean x 80.9
Mean y 70.96
RMS x 62.76
RMS y 54.3
side N [adc counts]
side P [adc counts]

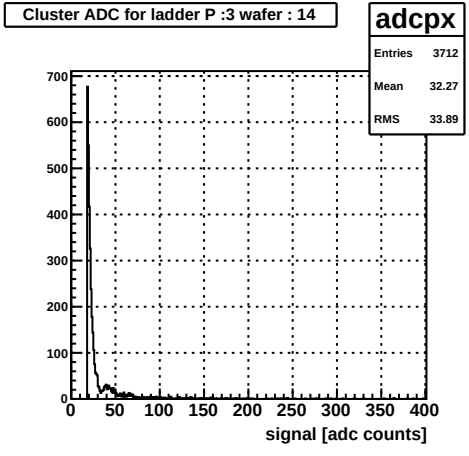

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7550
Mean 44.42
RMS 36.09
signal [adc counts]

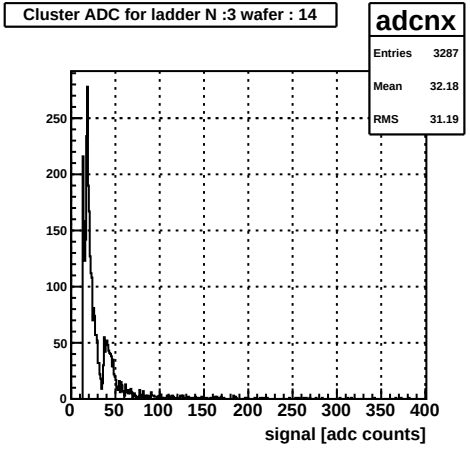

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2968
Mean 25.66
RMS 32.67
signal [adc counts]

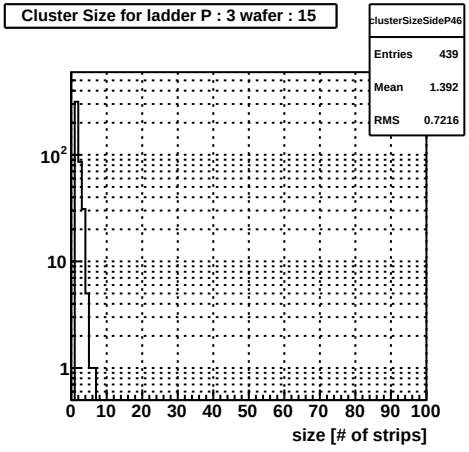

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3712
Mean 1.175
RMS 0.4937
size [# of strips]

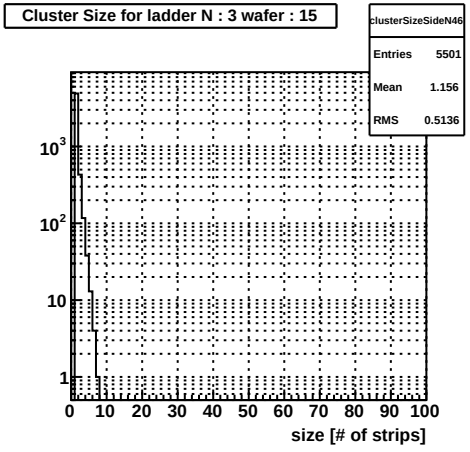

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3287
Mean 1.309
RMS 0.589
size [# of strips]

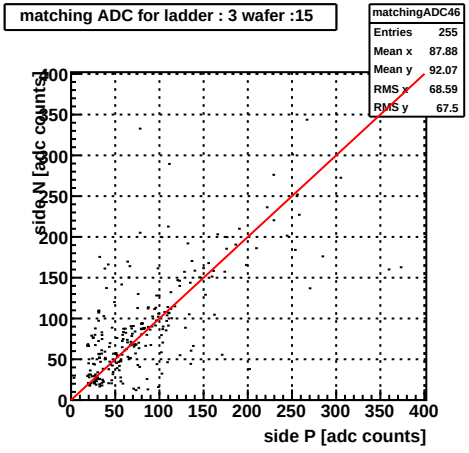

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 254
Mean x 91.04
Mean y 85.41
RMS x 66.95
RMS y 63.35
side N [adc counts]
side P [adc counts]

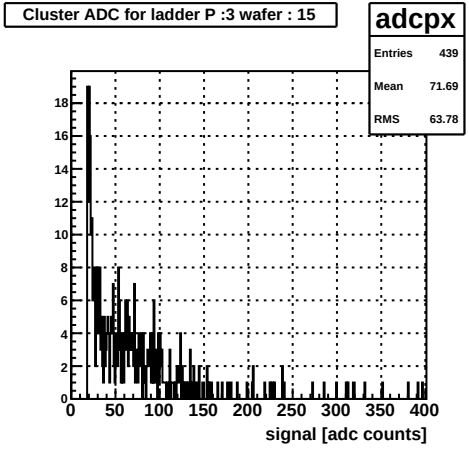

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3712
Mean 32.27
RMS 33.89
signal [adc counts]

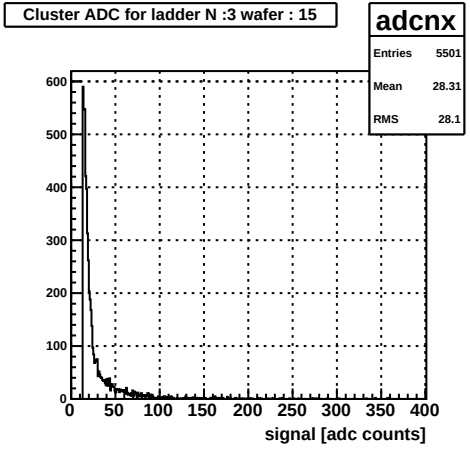

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3287
Mean 32.18
RMS 31.19
signal [adc counts]

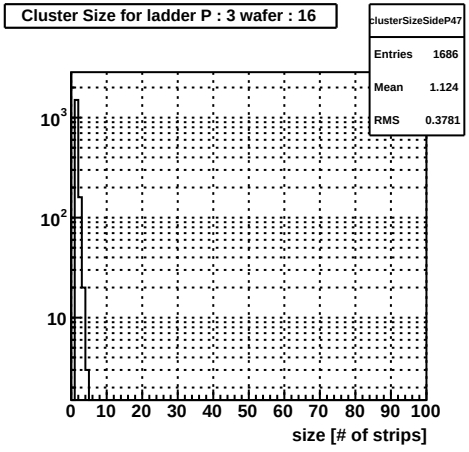

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 439
Mean 1.392
RMS 0.7216
size [# of strips]

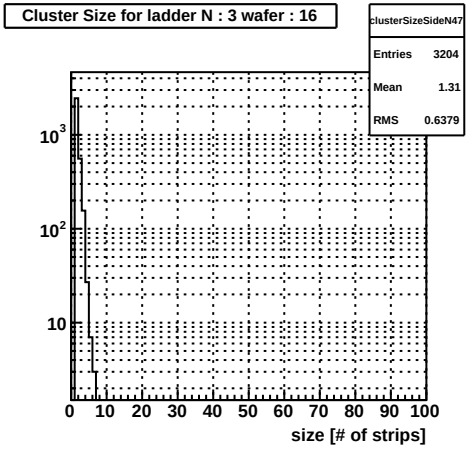

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 5501
Mean 1.156
RMS 0.5136
size [# of strips]

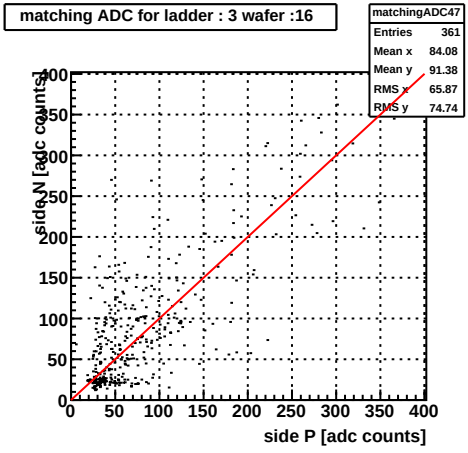

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 255
Mean x 87.88
Mean y 92.07
RMS x 68.59
RMS y 67.5
side N [adc counts]
side P [adc counts]

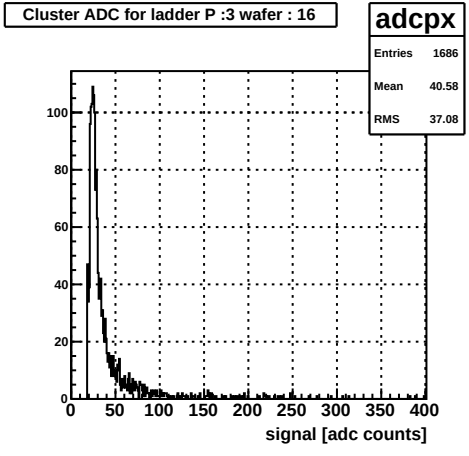

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 439
Mean 71.69
RMS 63.78
signal [adc counts]

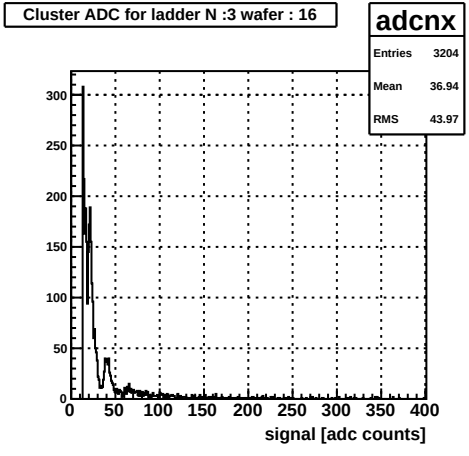

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 5501
Mean 28.31
RMS 28.1
signal [adc counts]

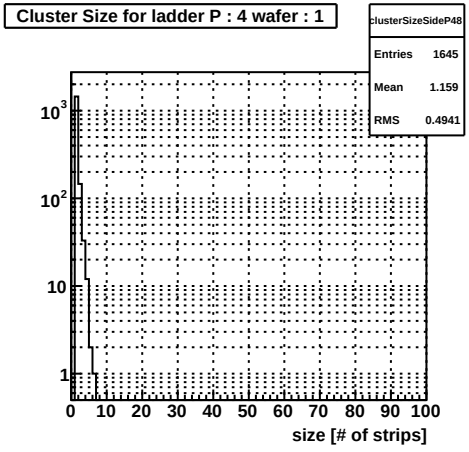

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1686
Mean 1.124
RMS 0.3781
size [# of strips]

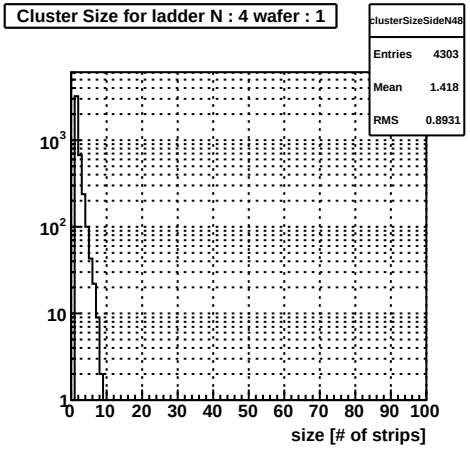

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3204
Mean 1.31
RMS 0.6379
size [# of strips]

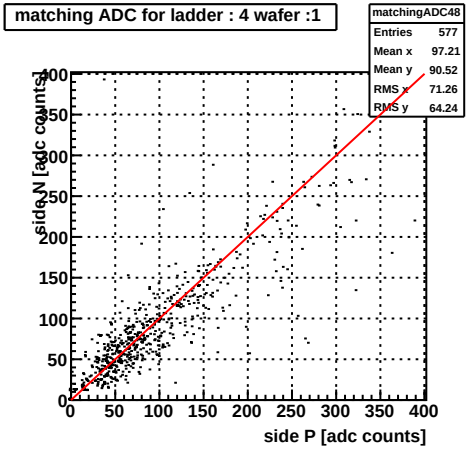

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 361
Mean x 84.08
Mean y 91.38
RMS x 65.87
RMS y 74.74
side N [adc counts]
side P [adc counts]

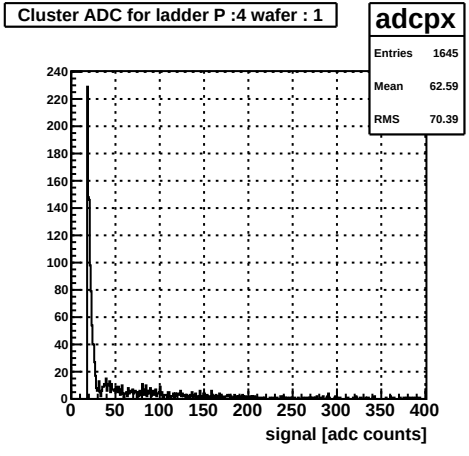

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1686
Mean 40.58
RMS 37.08
signal [adc counts]

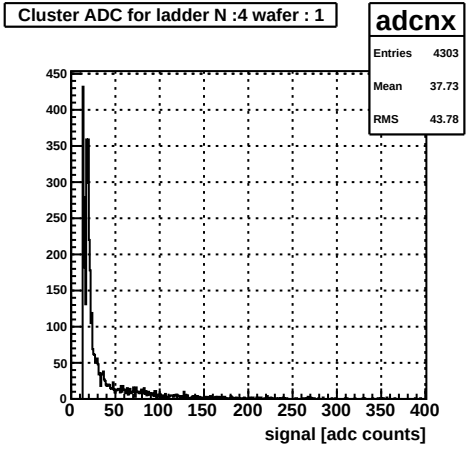

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3204
Mean 36.94
RMS 43.97
signal [adc counts]

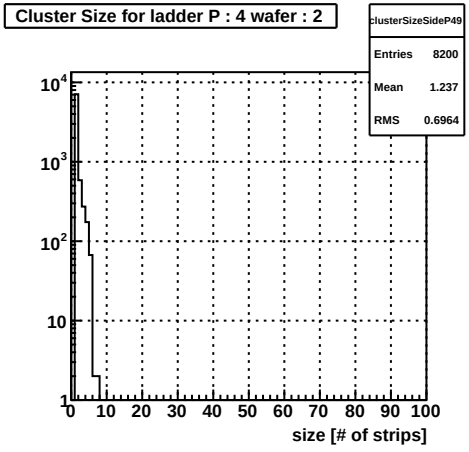

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1645
Mean 1.159
RMS 0.4941
size [# of strips]

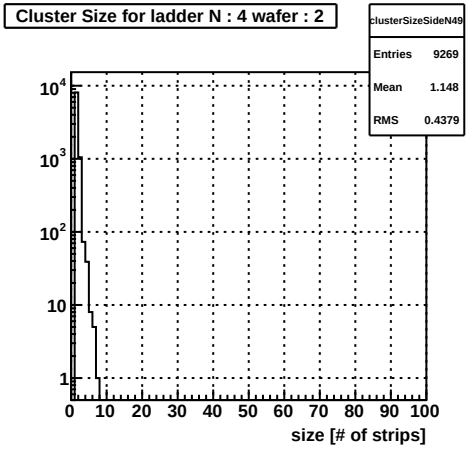

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4303
Mean 1.418
RMS 0.8931
size [# of strips]

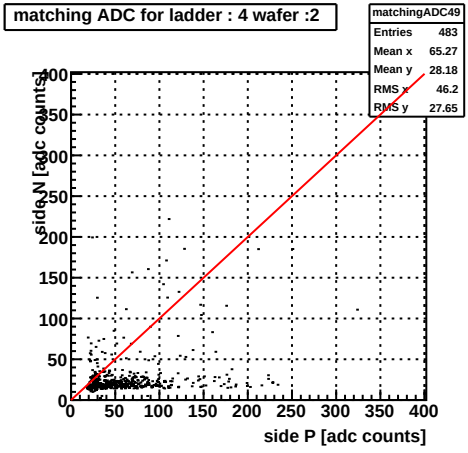

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 577
Mean x 97.21
Mean y 90.52
RMS x 71.26
RMS y 64.24
side N [adc counts]
side P [adc counts]

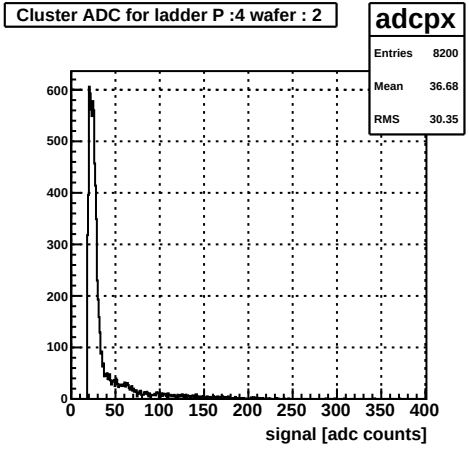

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1645
Mean 62.59
RMS 70.39
signal [adc counts]

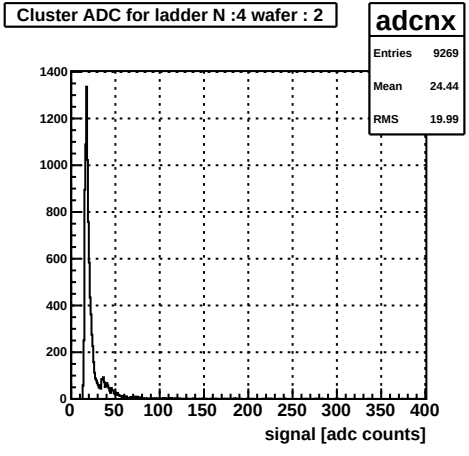

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4303
Mean 37.73
RMS 43.78
signal [adc counts]

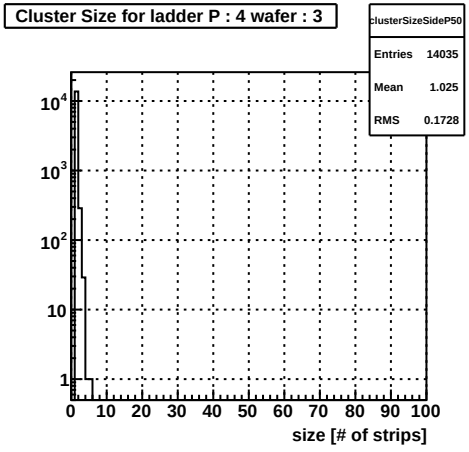

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8200
Mean 1.237
RMS 0.6964
size [# of strips]

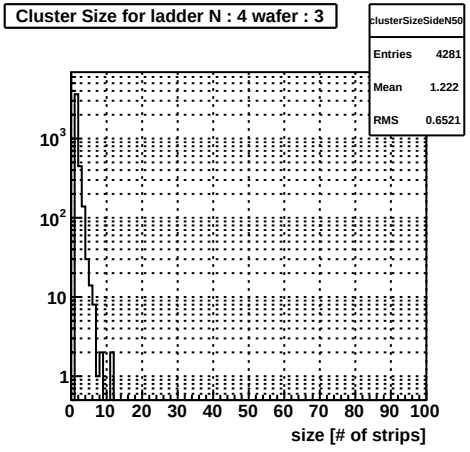

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9269
Mean 1.148
RMS 0.4379
size [# of strips]

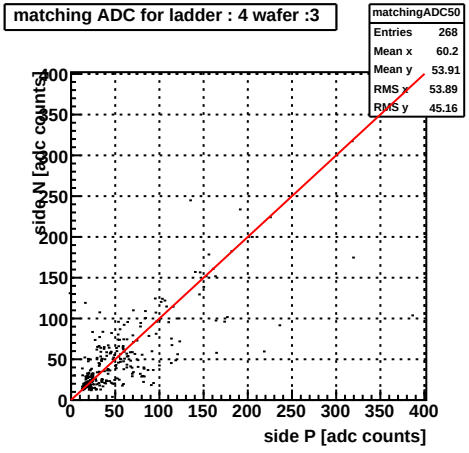

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 483
Mean x 65.27
Mean y 28.18
RMS x 46.2
RMS y 27.65
side N [adc counts]
side P [adc counts]

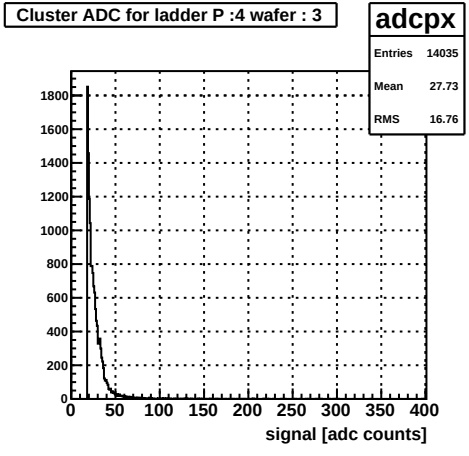

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8200
Mean 36.68
RMS 30.35
signal [adc counts]

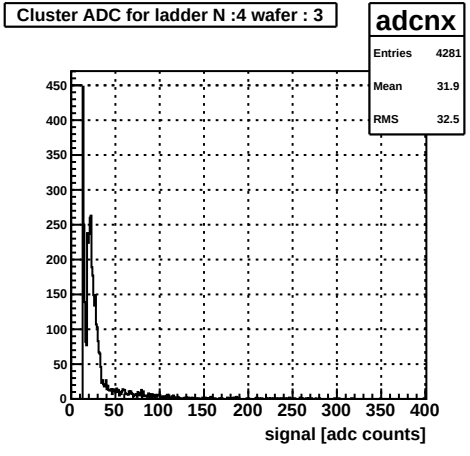

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9269
Mean 24.44
RMS 19.99
signal [adc counts]

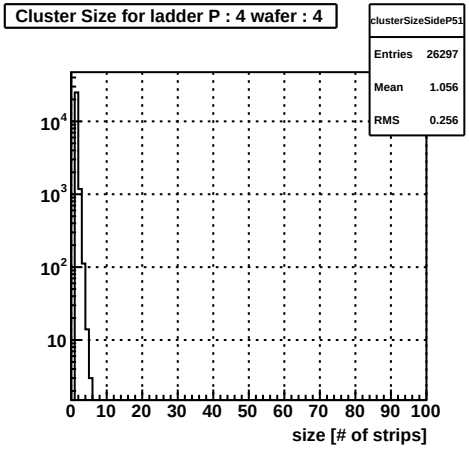

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14035
Mean 1.025
RMS 0.1728
size [# of strips]

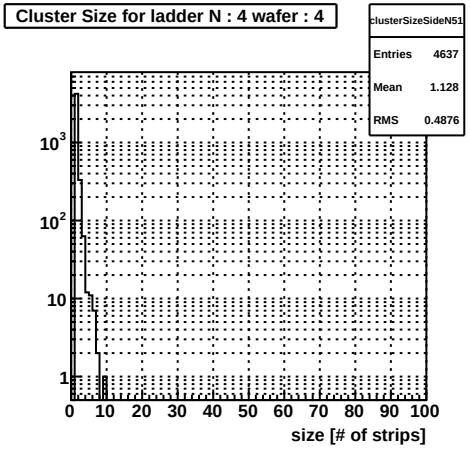

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 4281
Mean 1.222
RMS 0.6521
size [# of strips]

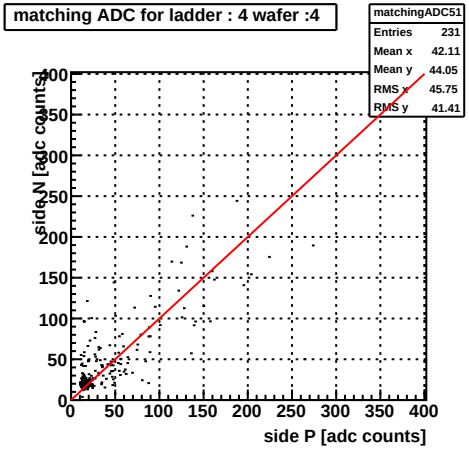

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 268
Mean x 60.2
Mean y 53.91
RMS x 53.89
RMS y 45.16
side N [adc counts]
side P [adc counts]

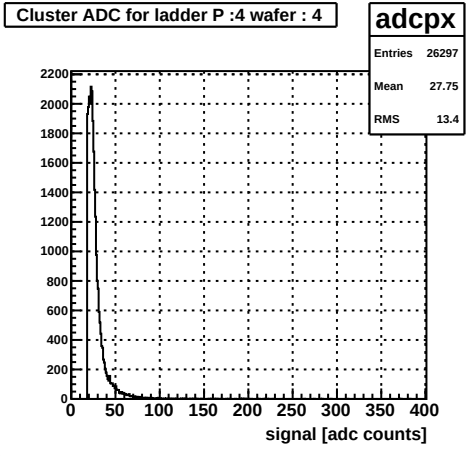

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14035
Mean 27.73
RMS 16.76
signal [adc counts]

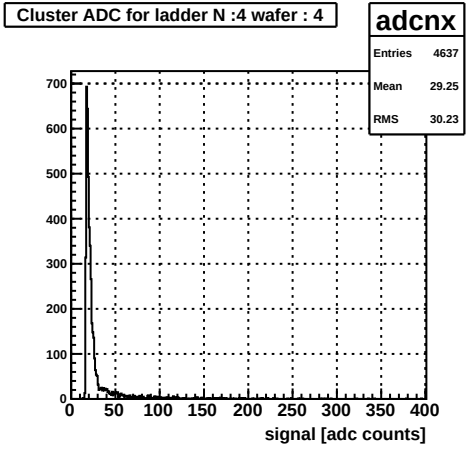

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 4281
Mean 31.9
RMS 32.5
signal [adc counts]

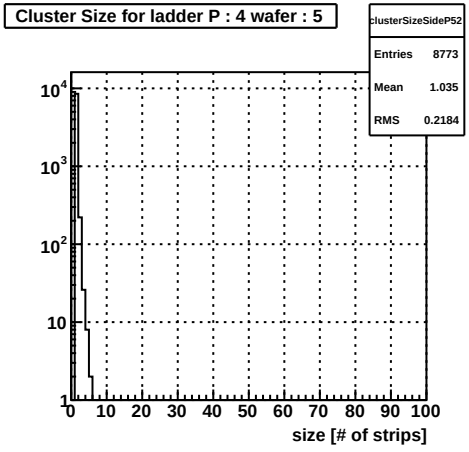

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 26297
Mean 1.056
RMS 0.256
size [# of strips]

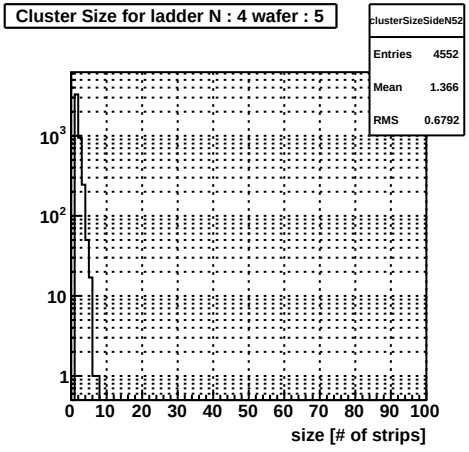

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4637
Mean 1.128
RMS 0.4876
size [# of strips]

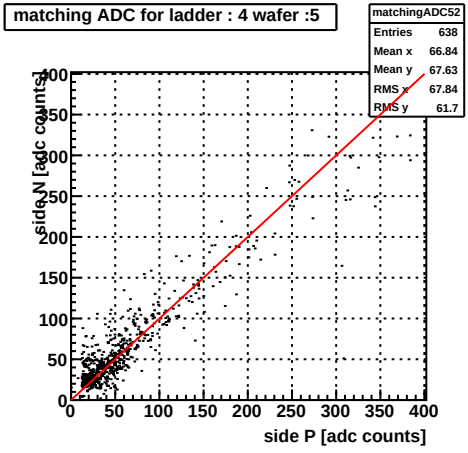

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 231
Mean x 42.11
Mean y 44.05
RMS x 45.75
RMS y 41.41
side N [adc counts]
side P [adc counts]

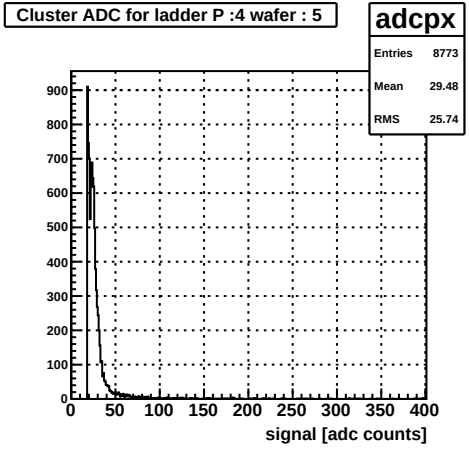

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 26297
Mean 27.75
RMS 13.4
signal [adc counts]

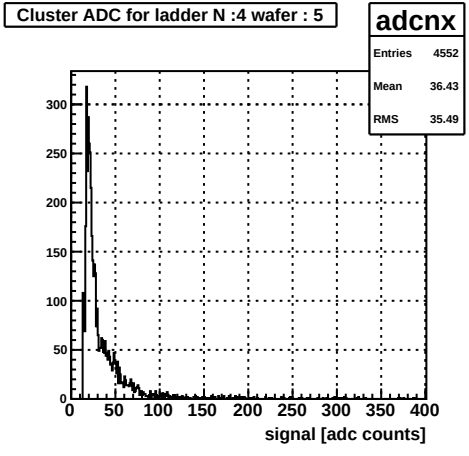

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4637
Mean 29.25
RMS 30.23
signal [adc counts]

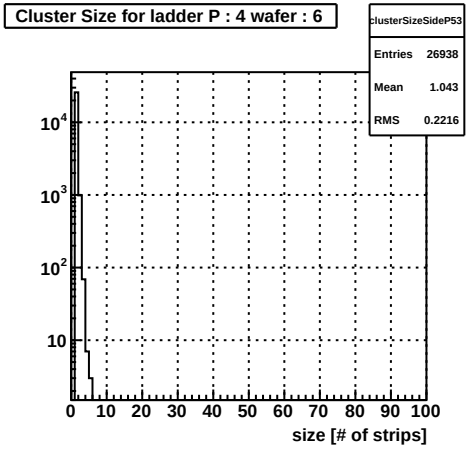

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 8773
Mean 1.035
RMS 0.2184
size [# of strips]

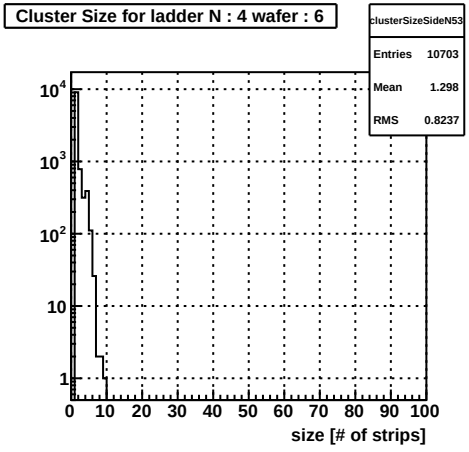

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4552
Mean 1.366
RMS 0.6792
size [# of strips]

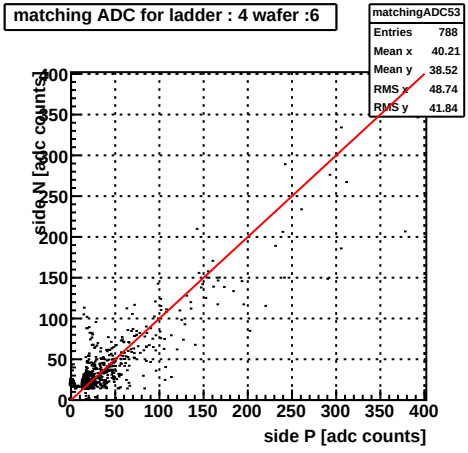

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 638
Mean x 66.84
Mean y 67.63
RMS x 67.84
RMS y 61.7
side N [adc counts]
side P [adc counts]

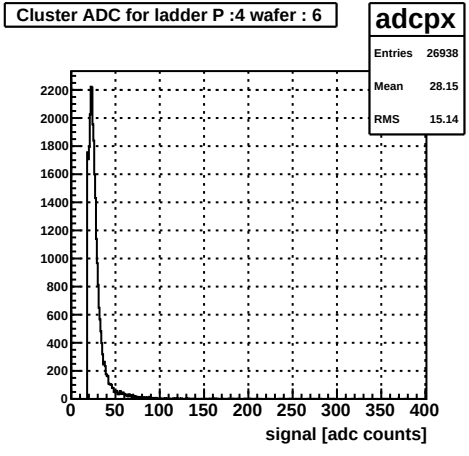

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 8773
Mean 29.48
RMS 25.74
signal [adc counts]

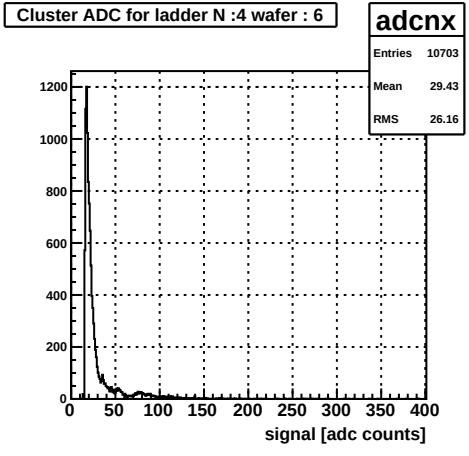

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4552
Mean 36.43
RMS 35.49
signal [adc counts]

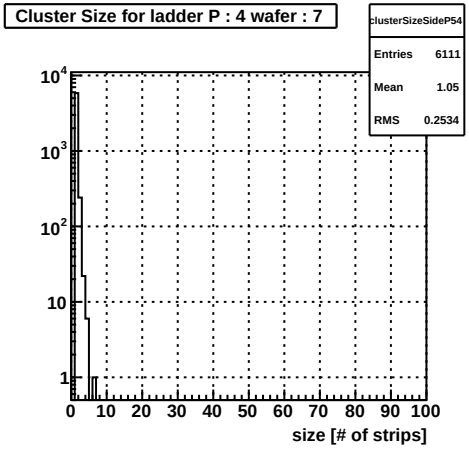

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 26938
Mean 1.043
RMS 0.2216
size [# of strips]

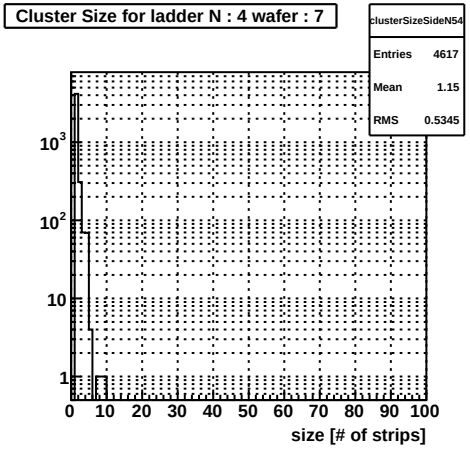

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 10703
Mean 1.298
RMS 0.8237
size [# of strips]

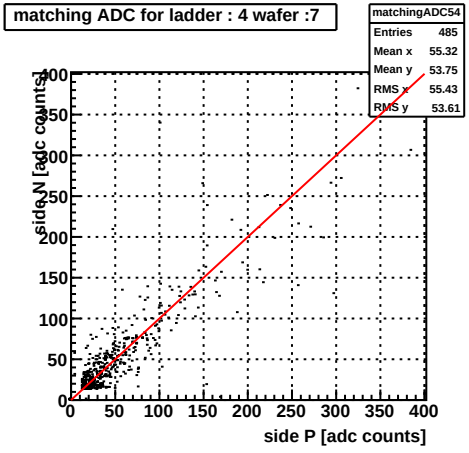

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 788
Mean x 40.21
Mean y 38.52
RMS x 48.74
RMS y 41.84
side N [adc counts]
side P [adc counts]

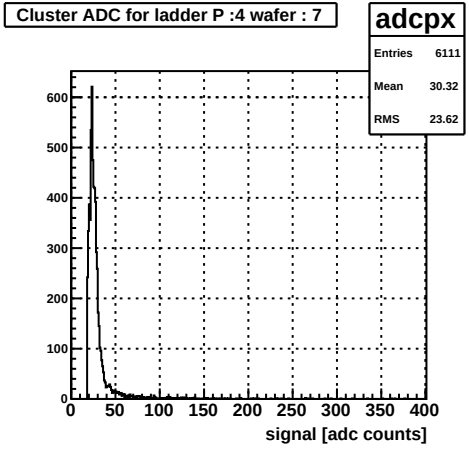

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 26938
Mean 28.15
RMS 15.14
signal [adc counts]

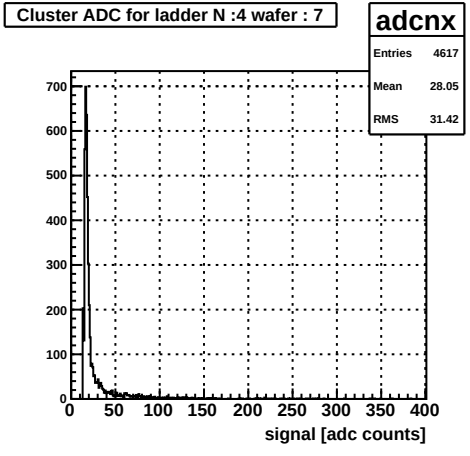

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 10703
Mean 29.43
RMS 26.16
signal [adc counts]

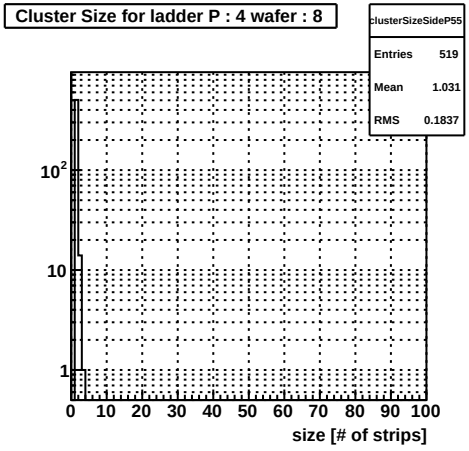

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6111
Mean 1.05
RMS 0.2534
size [# of strips]

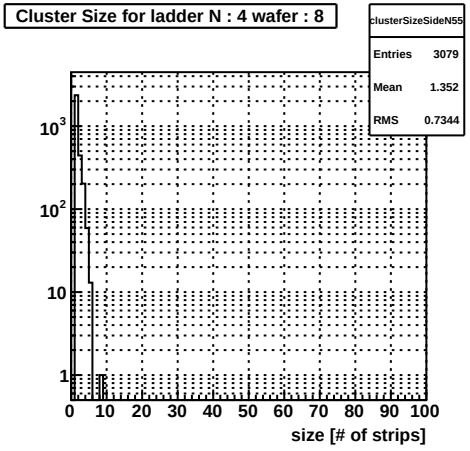

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4617
Mean 1.15
RMS 0.5345
size [# of strips]

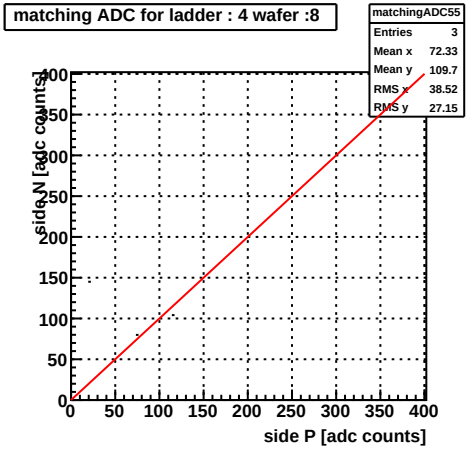

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 485
Mean x 55.32
Mean y 53.75
RMS x 55.43
RMS y 53.61
side N [adc counts]
side P [adc counts]

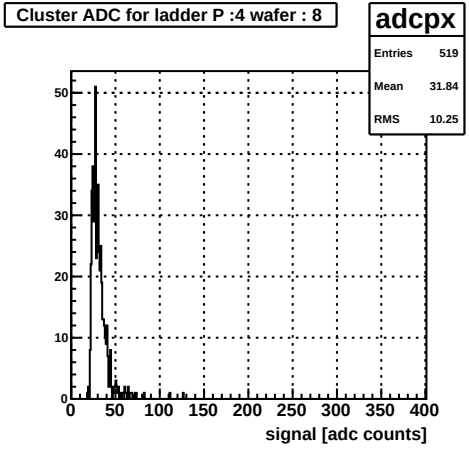

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6111
Mean 30.32
RMS 23.62
signal [adc counts]

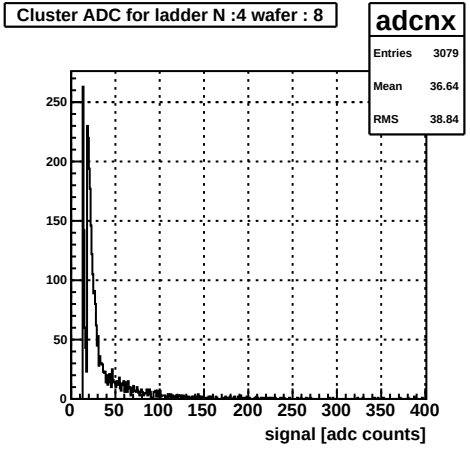

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4617
Mean 28.05
RMS 31.42
signal [adc counts]

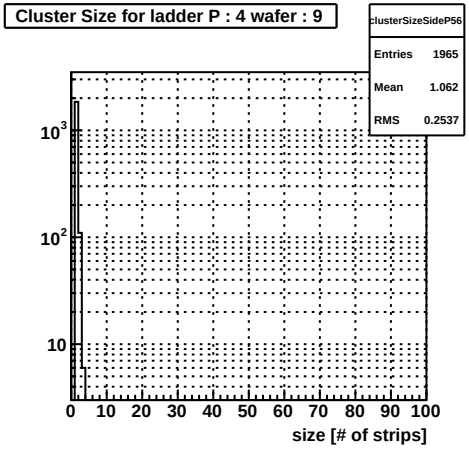

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 519
Mean 1.031
RMS 0.1837
size [# of strips]

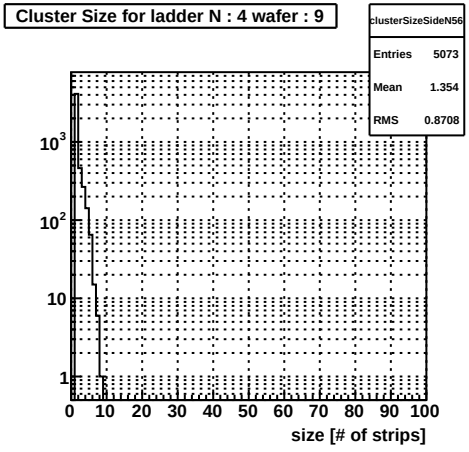

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3079
Mean 1.352
RMS 0.7344
size [# of strips]

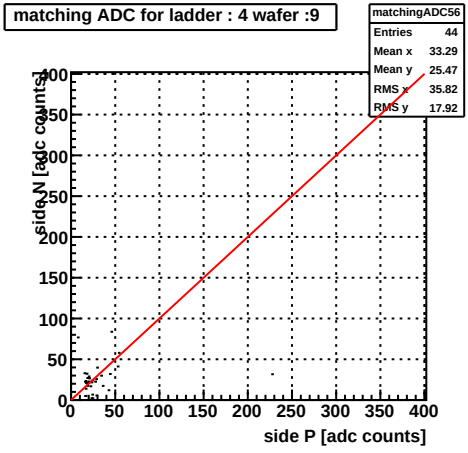

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 3
Mean x 72.33
Mean y 109.7
RMS x 38.52
RMS y 27.15
side N [adc counts]
side P [adc counts]

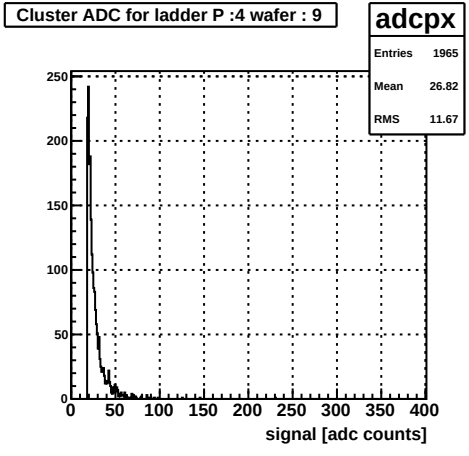

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 519
Mean 31.84
RMS 10.25
signal [adc counts]

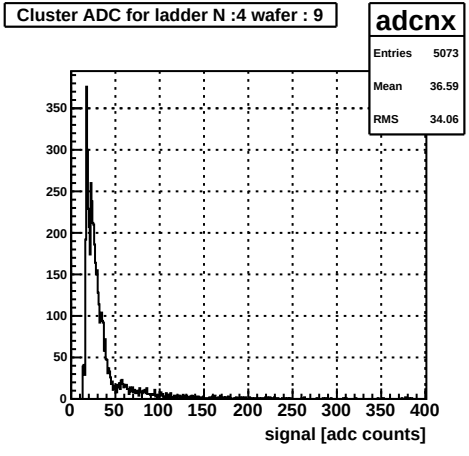

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3079
Mean 36.64
RMS 38.84
signal [adc counts]

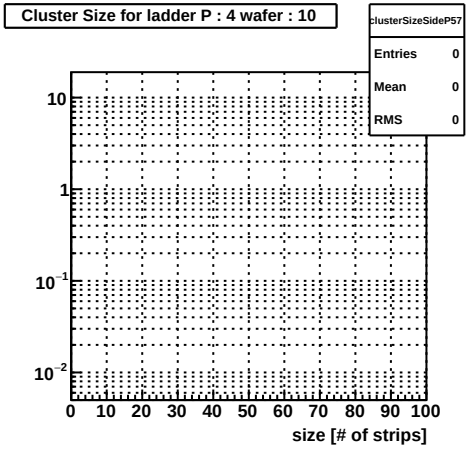

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1965
Mean 1.062
RMS 0.2537
size [# of strips]

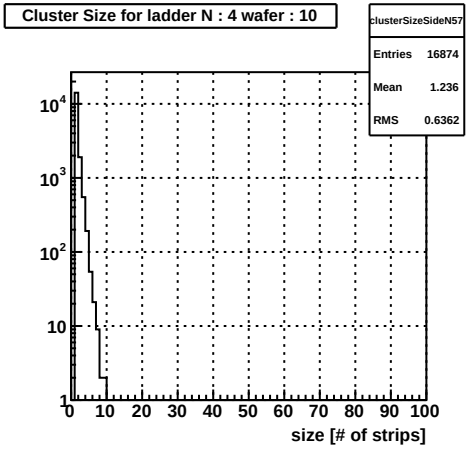

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5073
Mean 1.354
RMS 0.8708
size [# of strips]

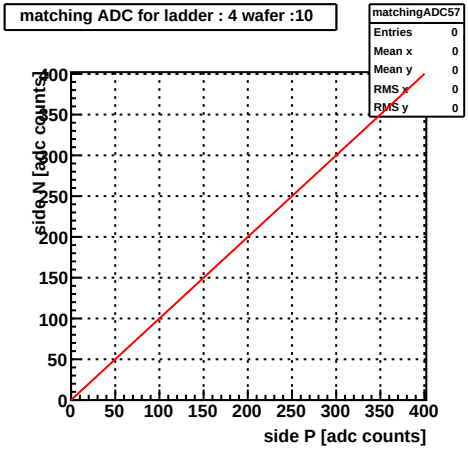

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 44
Mean x 33.29
Mean y 25.47
RMS x 35.82
RMS y 17.92
side N [adc counts]
side P [adc counts]

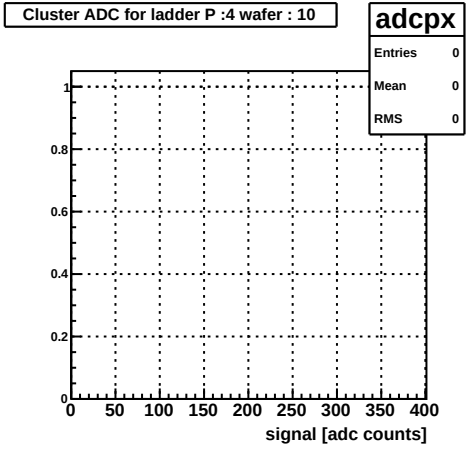

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1965
Mean 26.82
RMS 11.67
signal [adc counts]

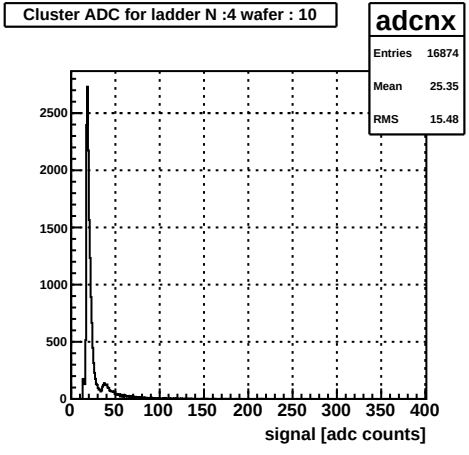

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5073
Mean 36.59
RMS 34.06
signal [adc counts]

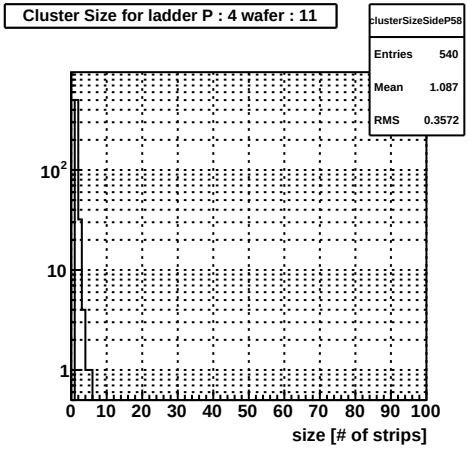

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

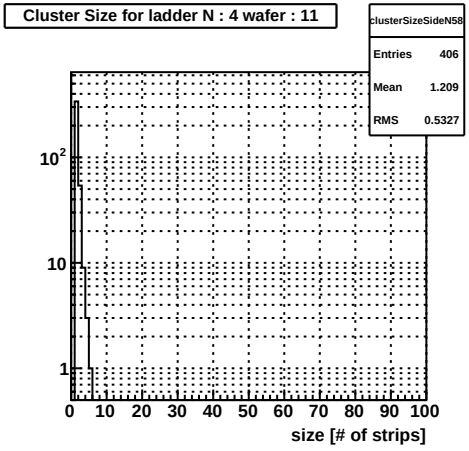

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 16874
Mean 1.236
RMS 0.6362
size [# of strips]

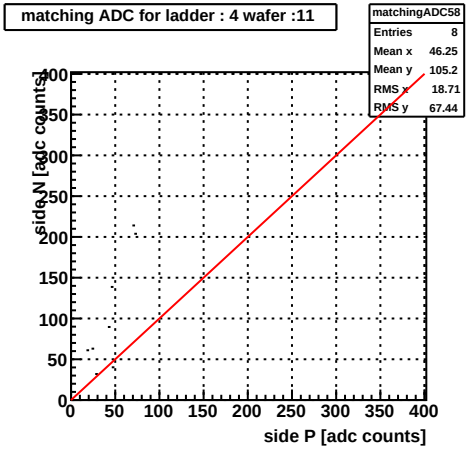

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

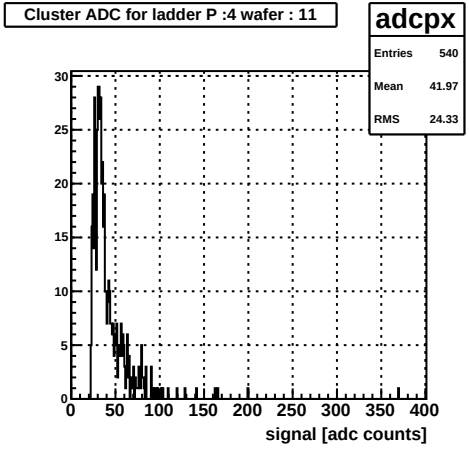

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

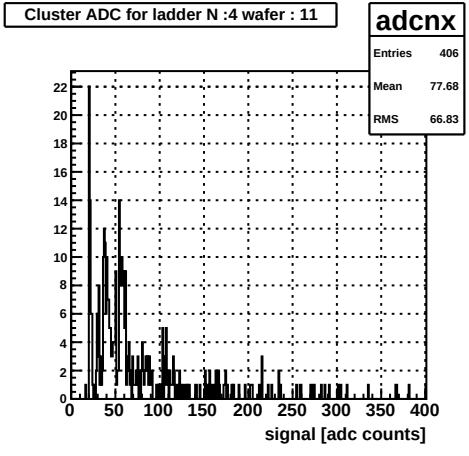

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 16874
Mean 25.35
RMS 15.48
signal [adc counts]

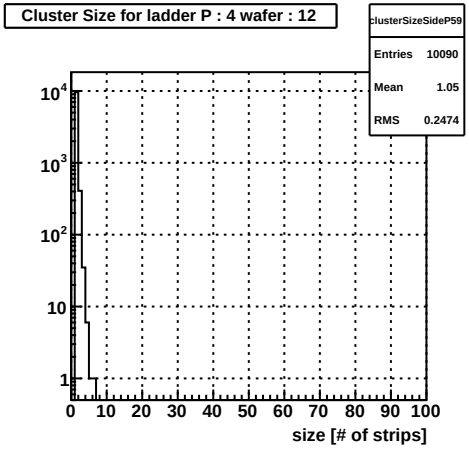

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 540
Mean 1.087
RMS 0.3572
size [# of strips]

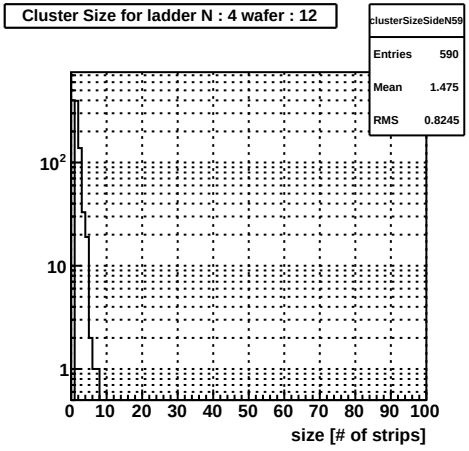

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 406
Mean 1.209
RMS 0.5327
size [# of strips]

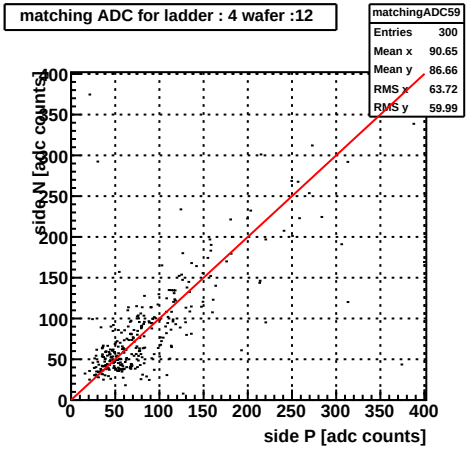

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 8
Mean x 46.25
Mean y 105.2
RMS x 18.71
RMS y 67.44
side N [adc counts]
side P [adc counts]

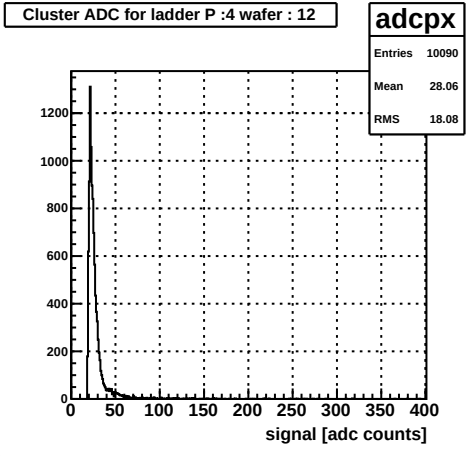

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 540
Mean 41.97
RMS 24.33
signal [adc counts]

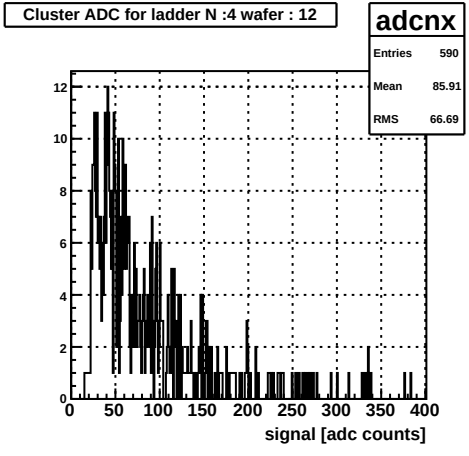

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 406
Mean 77.68
RMS 66.83
signal [adc counts]

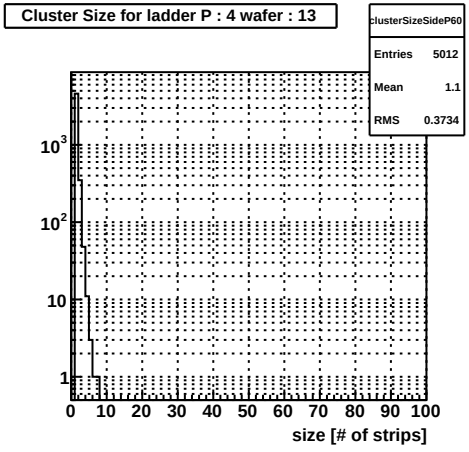

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10090
Mean 1.05
RMS 0.2474
size [# of strips]

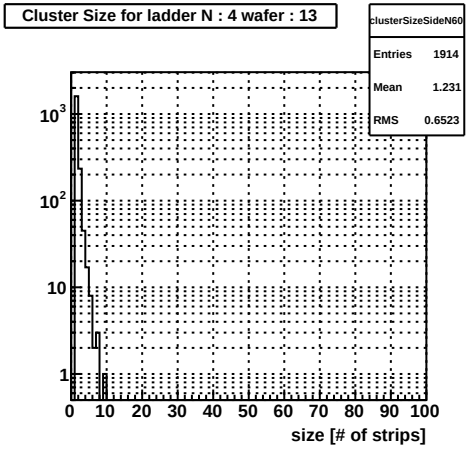

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 590
Mean 1.475
RMS 0.8245
size [# of strips]

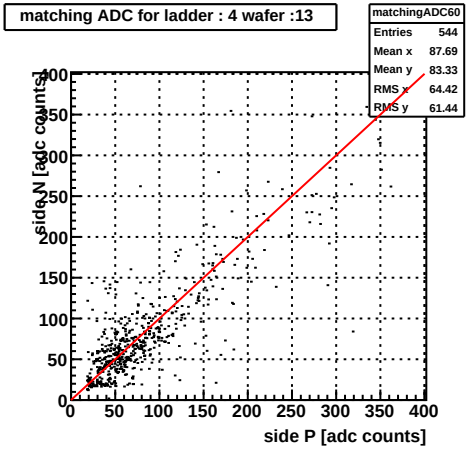

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 300
Mean x 90.65
Mean y 86.66
RMS x 63.72
RMS y 59.99
side N [adc counts]
side P [adc counts]

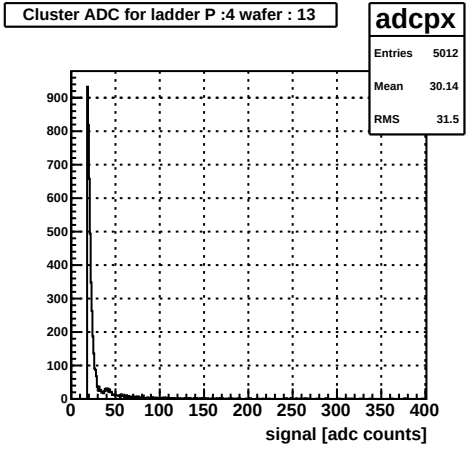

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10090
Mean 28.06
RMS 18.08
signal [adc counts]

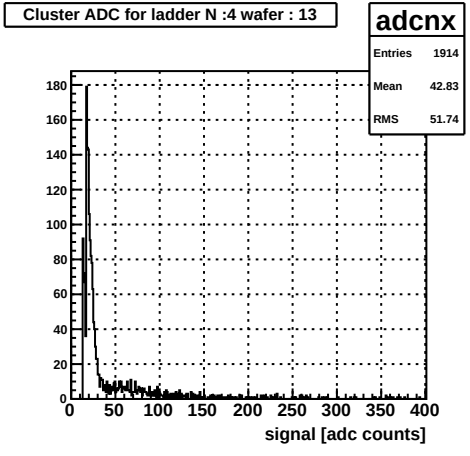

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 590
Mean 85.91
RMS 66.69
signal [adc counts]

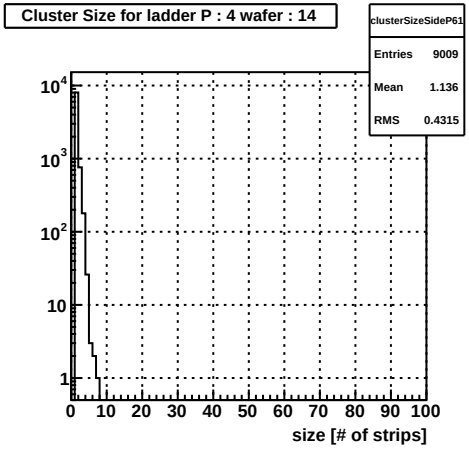

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5012
Mean 1.1
RMS 0.3734
size [# of strips]

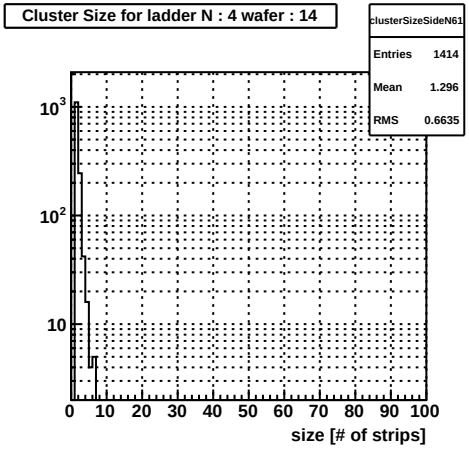

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1914
Mean 1.231
RMS 0.6523
size [# of strips]

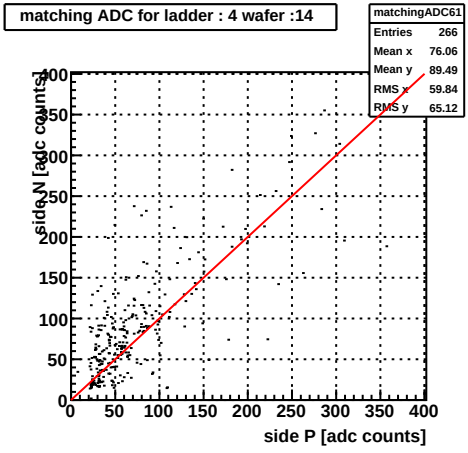

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 544
Mean x 87.69
Mean y 83.33
RMS x 64.42
RMS y 61.44
side N [adc counts]
side P [adc counts]

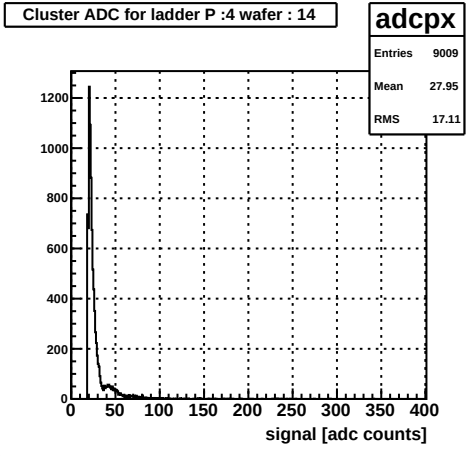

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5012
Mean 30.14
RMS 31.5
signal [adc counts]

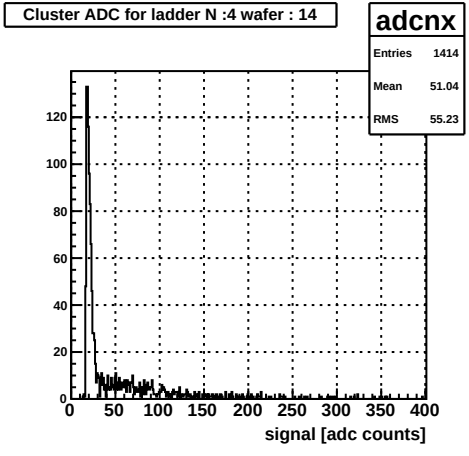

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1914
Mean 42.83
RMS 51.74
signal [adc counts]

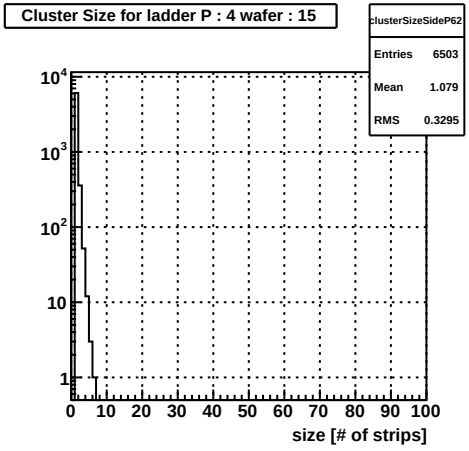

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9009
Mean 1.136
RMS 0.4315
size [# of strips]

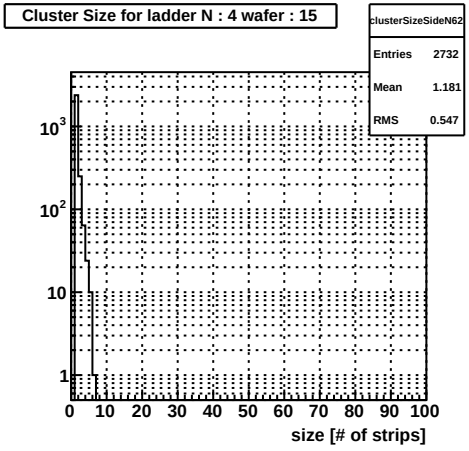

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1414
Mean 1.296
RMS 0.6635
size [# of strips]

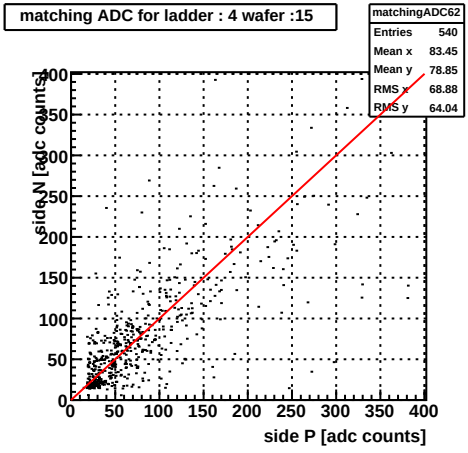

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 266
Mean x 76.06
Mean y 89.49
RMS x 59.84
RMS y 65.12
side N [adc counts]
side P [adc counts]

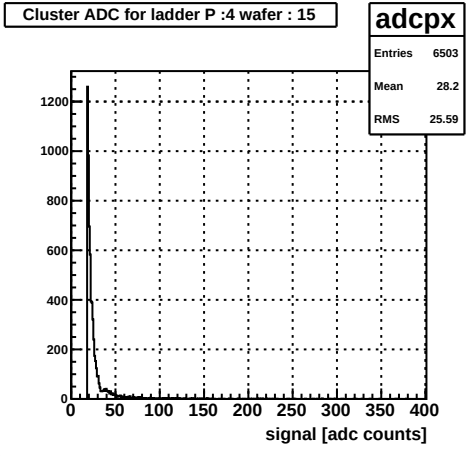

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9009
Mean 27.95
RMS 17.11
signal [adc counts]

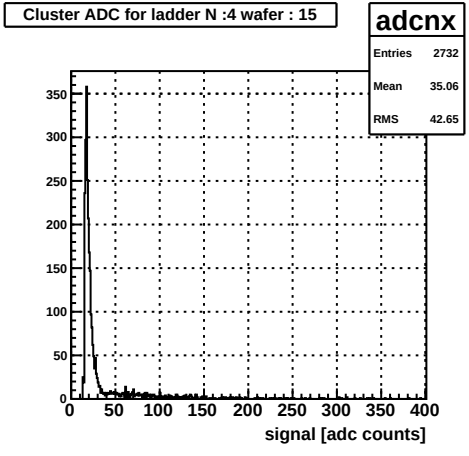

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1414
Mean 51.04
RMS 55.23
signal [adc counts]

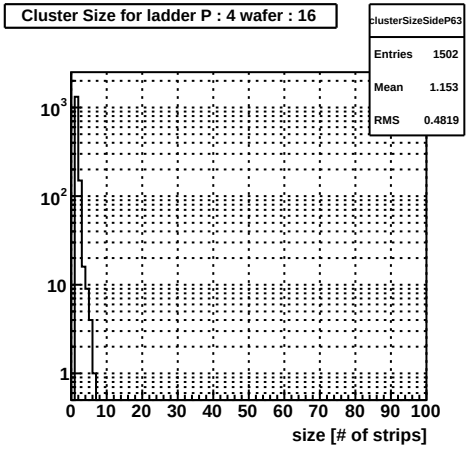

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 6503
Mean 1.079
RMS 0.3295
size [# of strips]

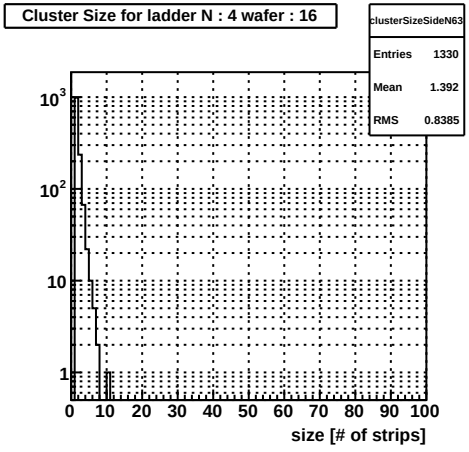

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2732
Mean 1.181
RMS 0.547
size [# of strips]

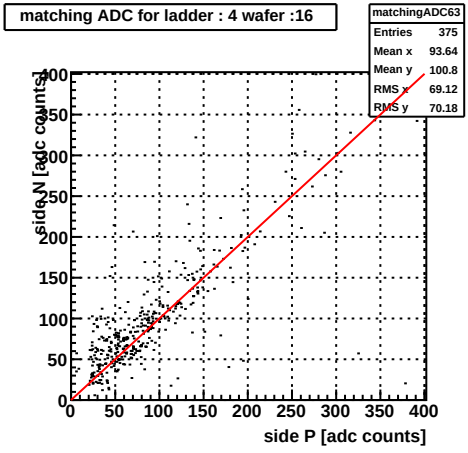

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 540
Mean x 83.45
Mean y 78.85
RMS x 68.88
RMS y 64.04
side N [adc counts]
side P [adc counts]

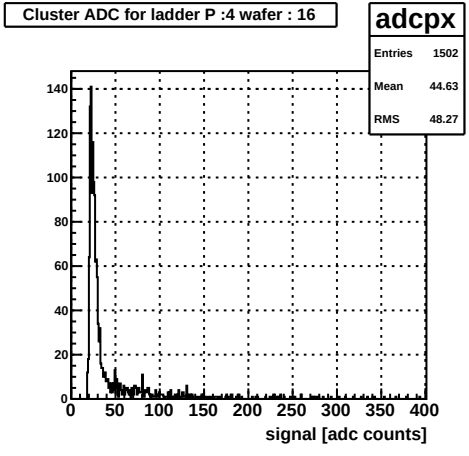

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 6503
Mean 28.2
RMS 25.59
signal [adc counts]

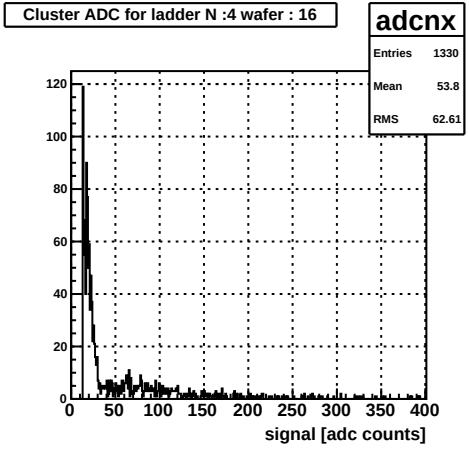

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2732
Mean 35.06
RMS 42.65
signal [adc counts]

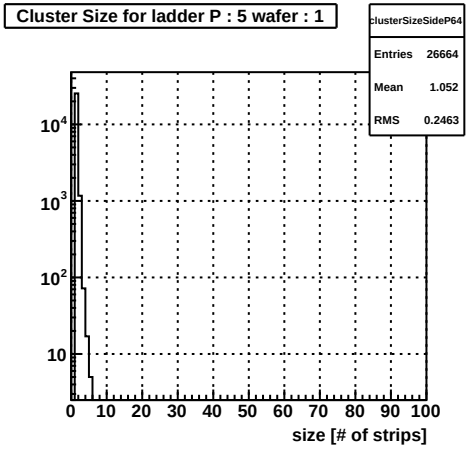

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1502
Mean 1.153
RMS 0.4819
size [# of strips]

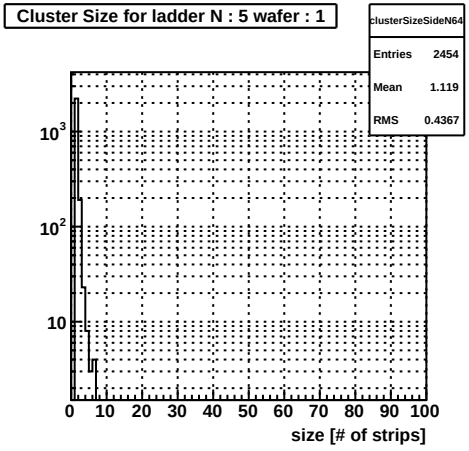

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1330
Mean 1.392
RMS 0.8385
size [# of strips]

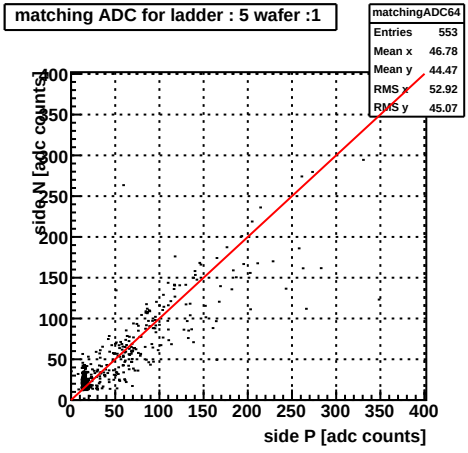

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 375
Mean x 93.64
Mean y 100.8
RMS x 69.12
RMS y 70.18
side N [adc counts]
side P [adc counts]

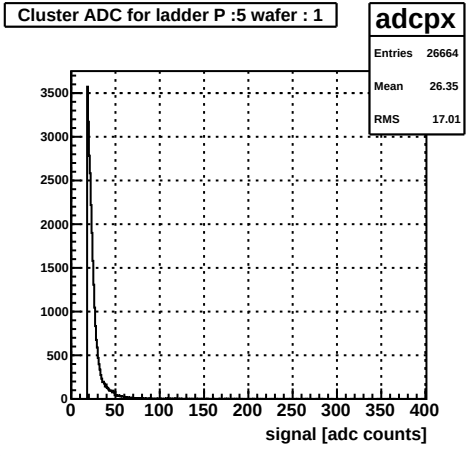

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1502
Mean 44.63
RMS 48.27
signal [adc counts]

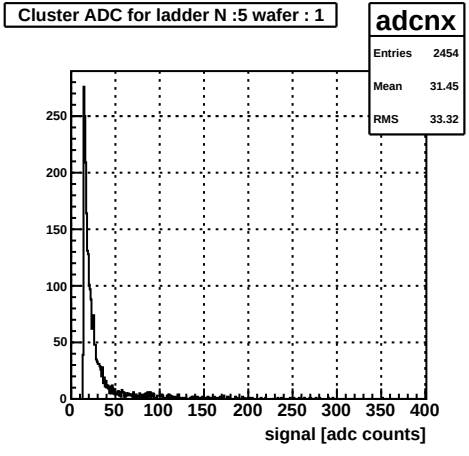

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1330
Mean 53.8
RMS 62.61
signal [adc counts]

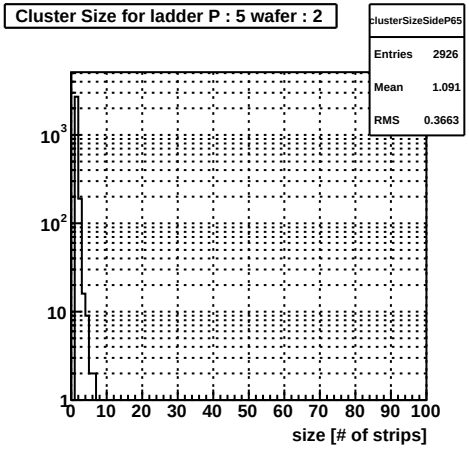

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 26664
Mean 1.052
RMS 0.2463
size [# of strips]

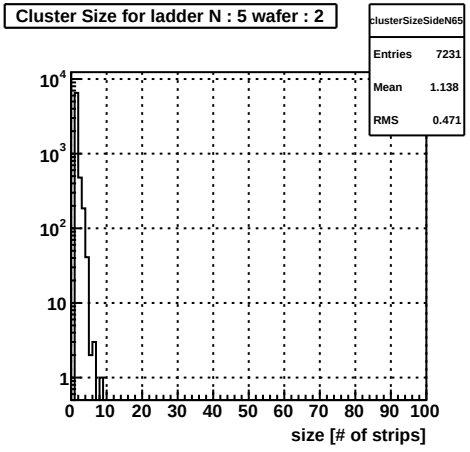

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2454
Mean 1.119
RMS 0.4367
size [# of strips]

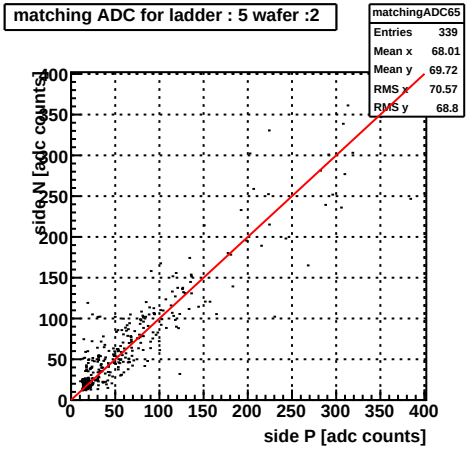

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 553
Mean x 46.78
Mean y 44.47
RMS x 52.92
RMS y 45.07
side N [adc counts]
side P [adc counts]

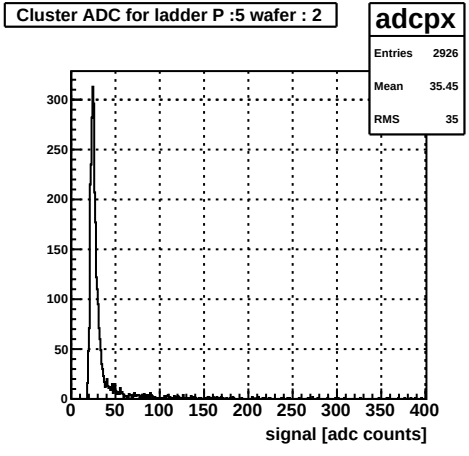

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 26664
Mean 26.35
RMS 17.01
signal [adc counts]

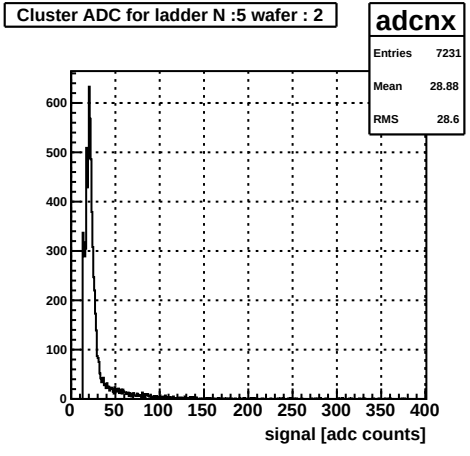

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2454
Mean 31.45
RMS 33.32
signal [adc counts]

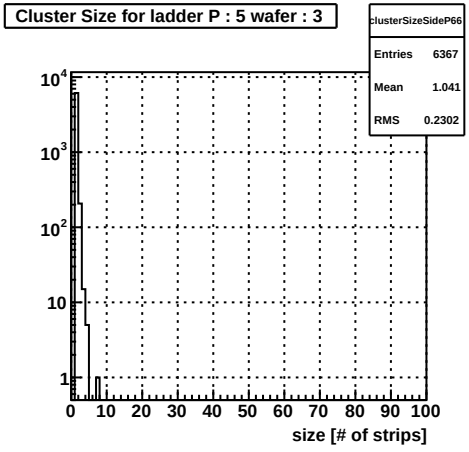

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 2926
Mean 1.091
RMS 0.3663
size [# of strips]

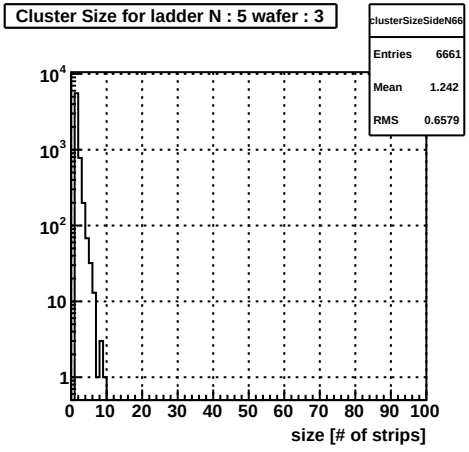

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7231
Mean 1.138
RMS 0.471
size [# of strips]

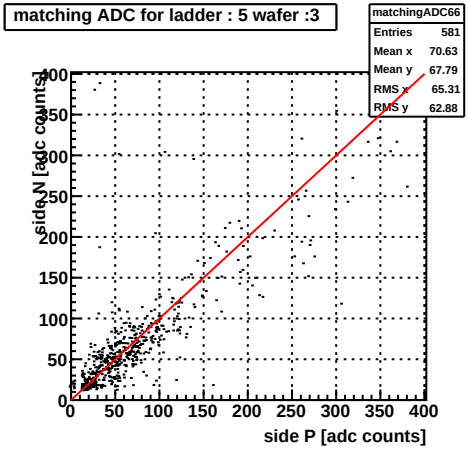

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 339
Mean x 68.01
Mean y 69.72
RMS x 70.57
RMS y 68.8
side N [adc counts]
side P [adc counts]

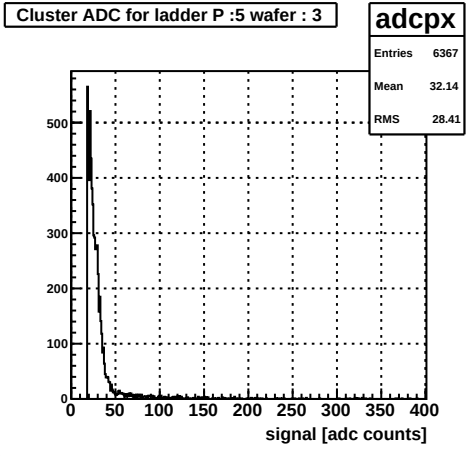

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 2926
Mean 35.45
RMS 35
signal [adc counts]

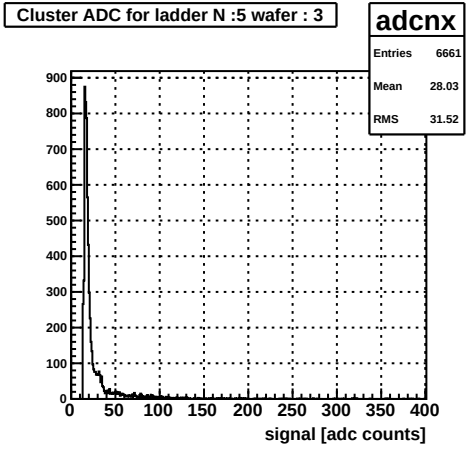

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7231
Mean 28.88
RMS 28.6
signal [adc counts]

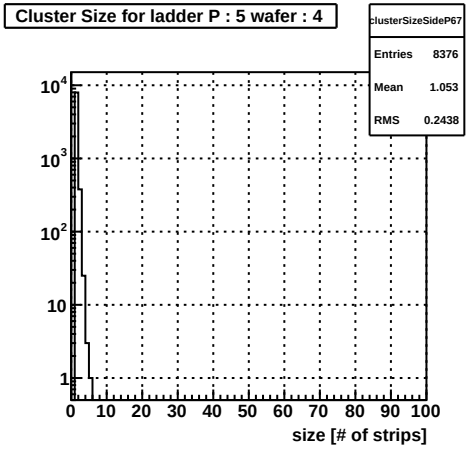

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6367
Mean 1.041
RMS 0.2302
size [# of strips]

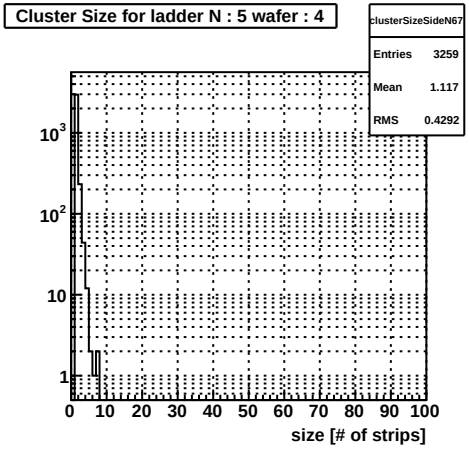

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6661
Mean 1.242
RMS 0.6579
size [# of strips]

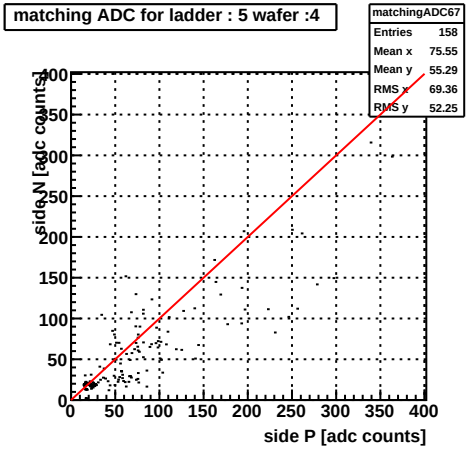

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 581
Mean x 70.63
Mean y 67.79
RMS x 65.31
RMS y 62.88
side N [adc counts]
side P [adc counts]

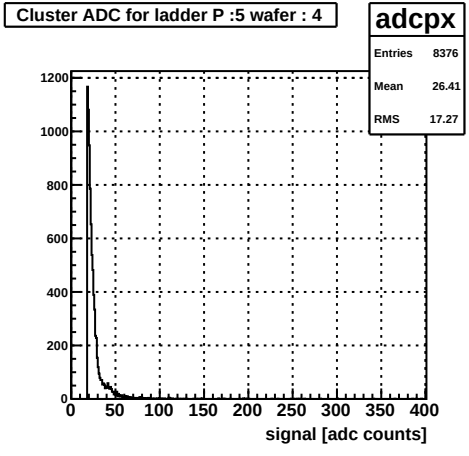

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6367
Mean 32.14
RMS 28.41
signal [adc counts]

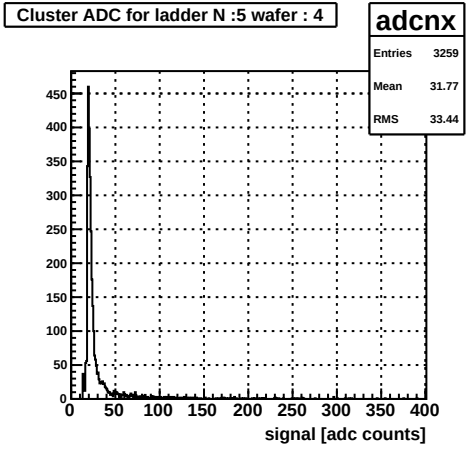

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6661
Mean 28.03
RMS 31.52
signal [adc counts]

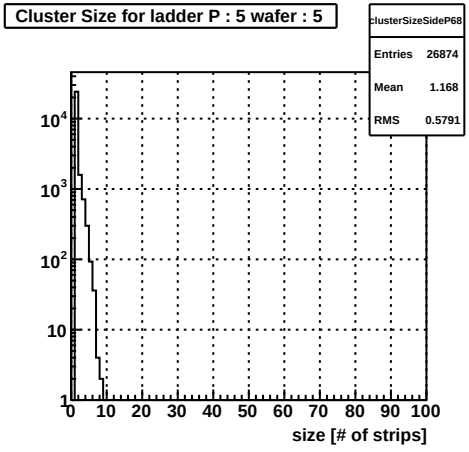

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8376
Mean 1.053
RMS 0.2438
size [# of strips]

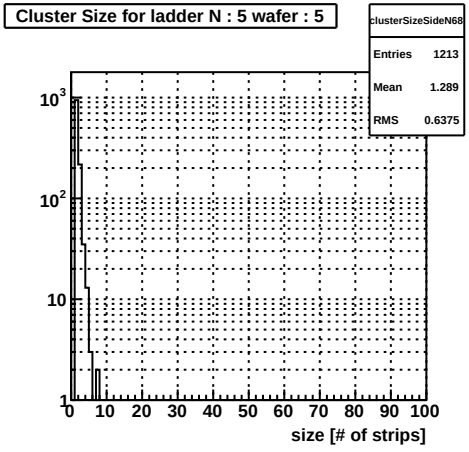

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3259
Mean 1.117
RMS 0.4292
size [# of strips]

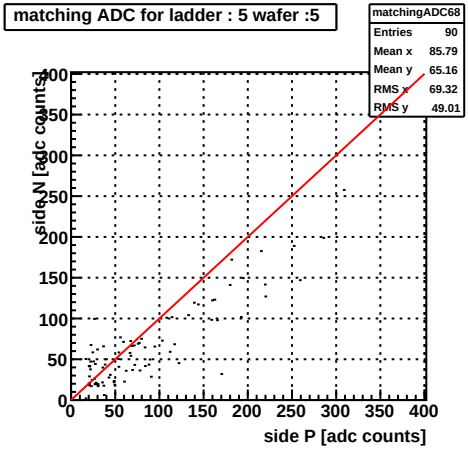

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 158
Mean x 75.55
Mean y 55.29
RMS x 69.36
RMS y 52.25
side N [adc counts]
side P [adc counts]

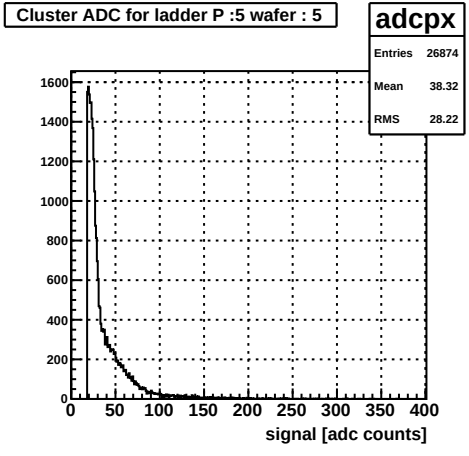

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8376
Mean 26.41
RMS 17.27
signal [adc counts]

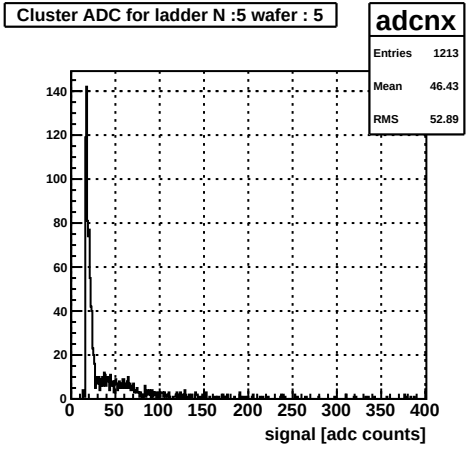

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3259
Mean 31.77
RMS 33.44
signal [adc counts]

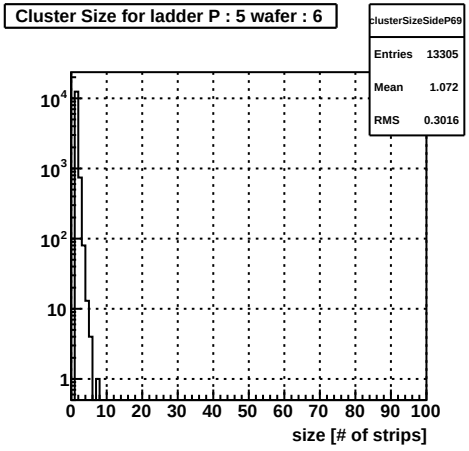

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 26874
Mean 1.168
RMS 0.5791
size [# of strips]

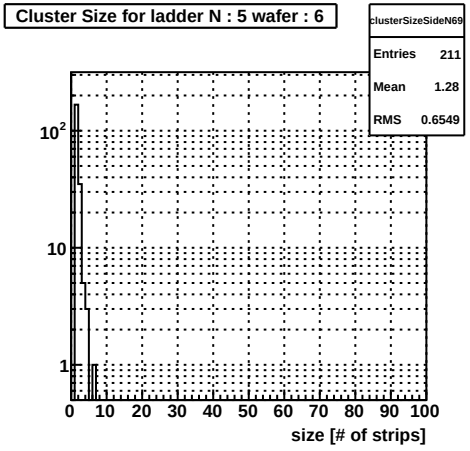

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1213
Mean 1.289
RMS 0.6375
size [# of strips]

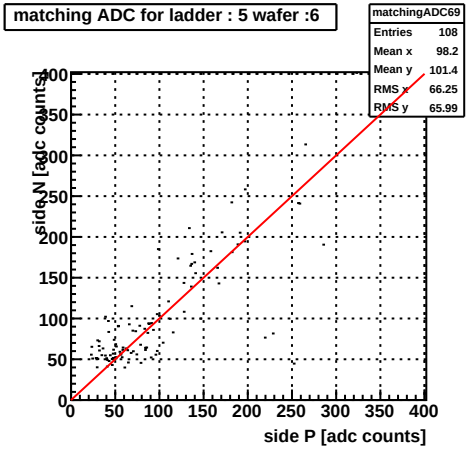

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 90
Mean x 85.79
Mean y 65.16
RMS x 69.32
RMS y 49.01
side N [adc counts]
side P [adc counts]

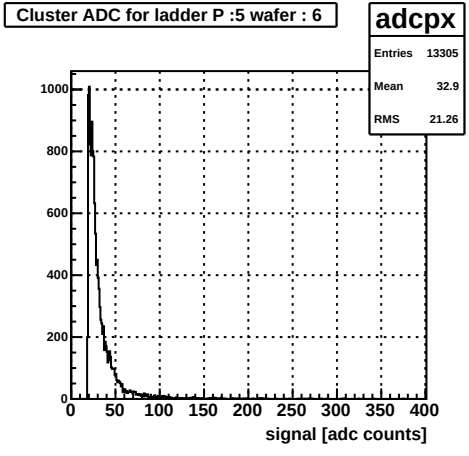

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 26874
Mean 38.32
RMS 28.22
signal [adc counts]

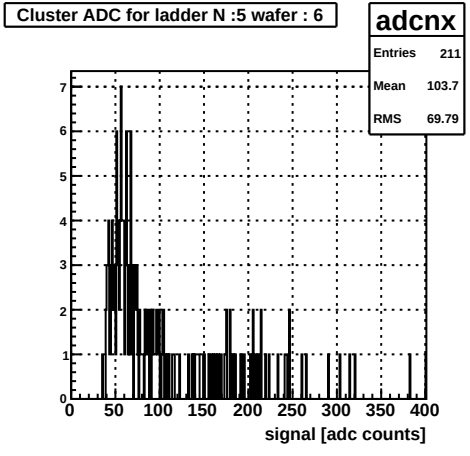

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1213
Mean 46.43
RMS 52.89
signal [adc counts]

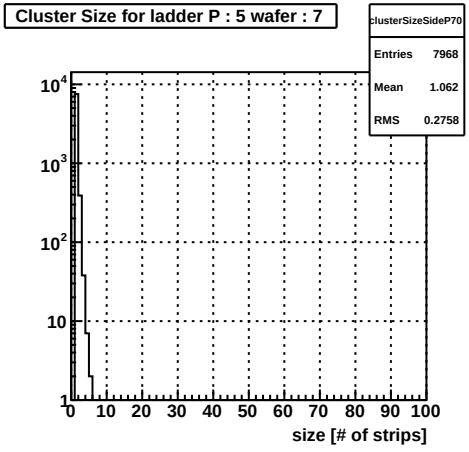

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 13305
Mean 1.072
RMS 0.3016
size [# of strips]

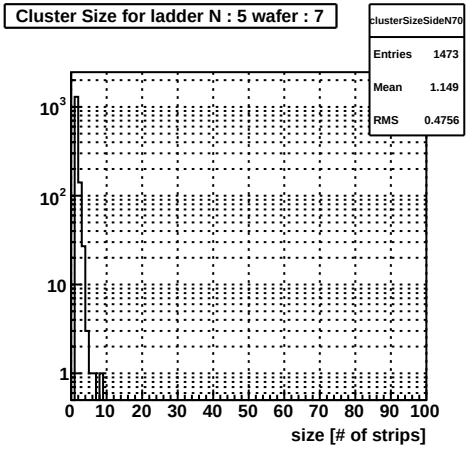

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 211
Mean 1.28
RMS 0.6549
size [# of strips]

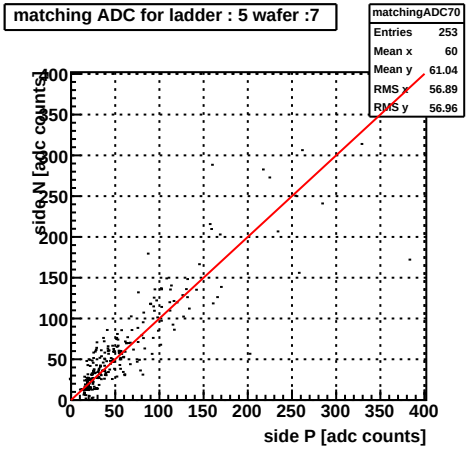

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 108
Mean x 98.2
Mean y 101.4
RMS x 66.25
RMS y 65.99
side N [adc counts]
side P [adc counts]

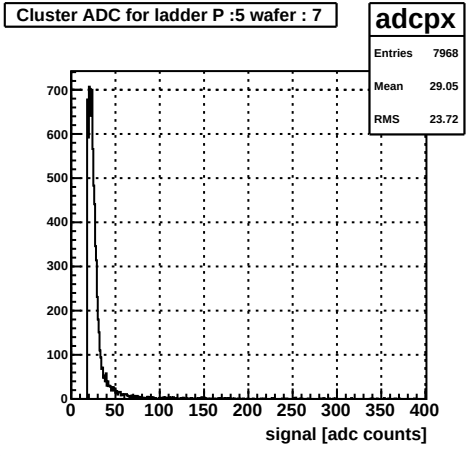

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 13305
Mean 32.9
RMS 21.26
signal [adc counts]

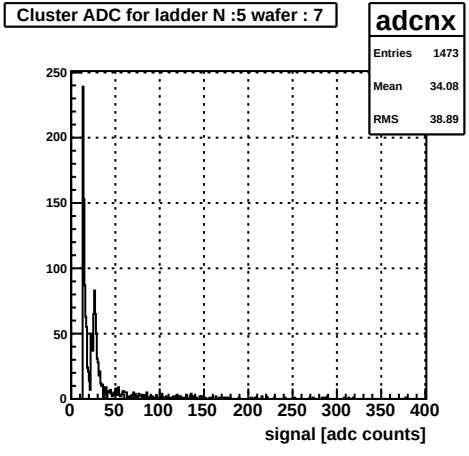

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 211
Mean 103.7
RMS 69.79
signal [adc counts]

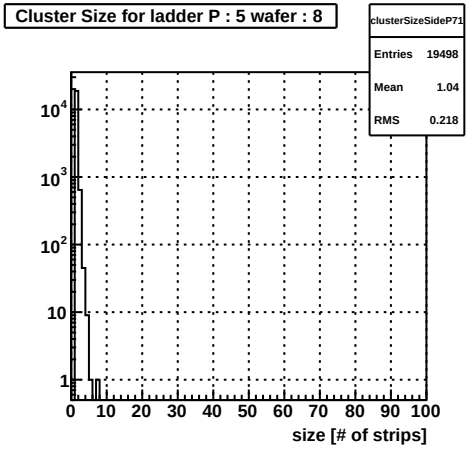

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7968
Mean 1.062
RMS 0.2758
size [# of strips]

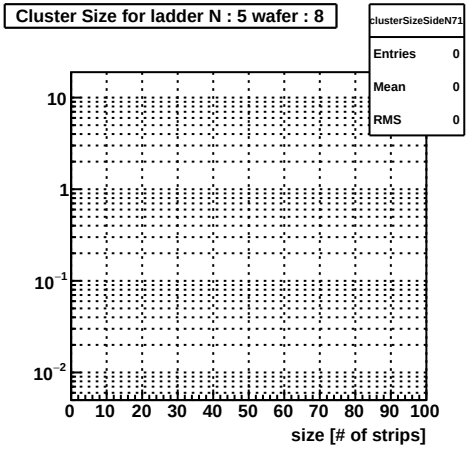

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1473
Mean 1.149
RMS 0.4756
size [# of strips]

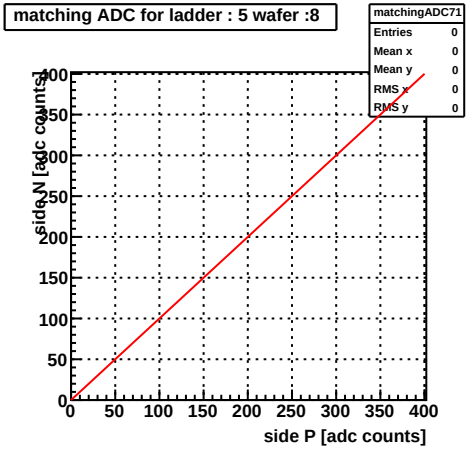

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 253
Mean x 60
Mean y 61.04
RMS x 56.89
RMS y 56.96
side N [adc counts]
side P [adc counts]

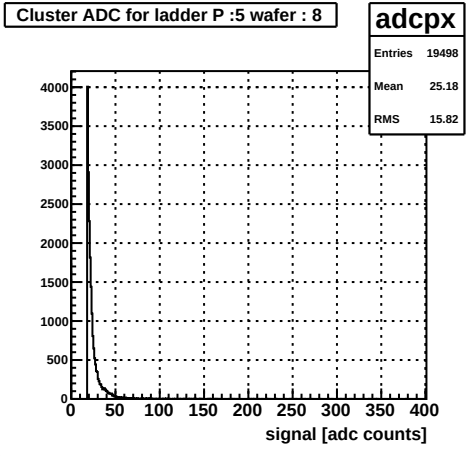

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7968
Mean 29.05
RMS 23.72
signal [adc counts]

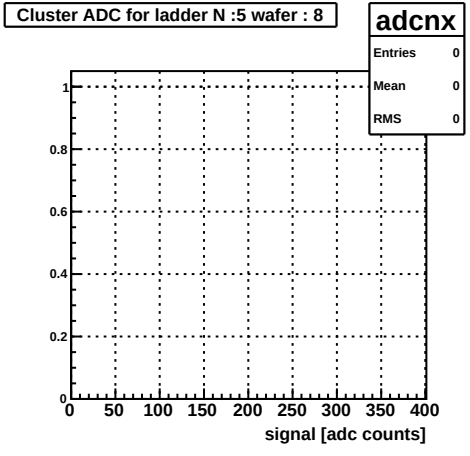

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1473
Mean 34.08
RMS 38.89
signal [adc counts]

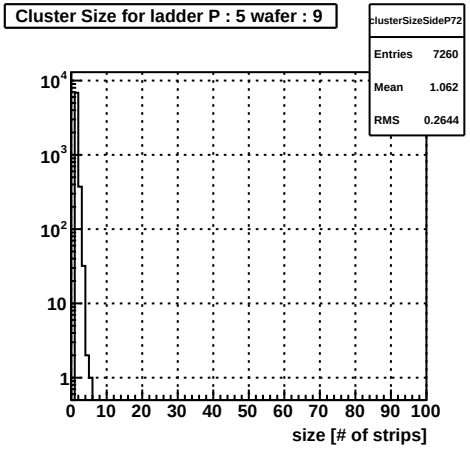

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 19498
Mean 1.04
RMS 0.218
size [# of strips]

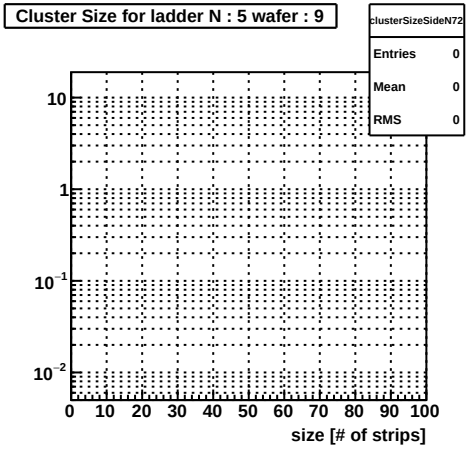

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

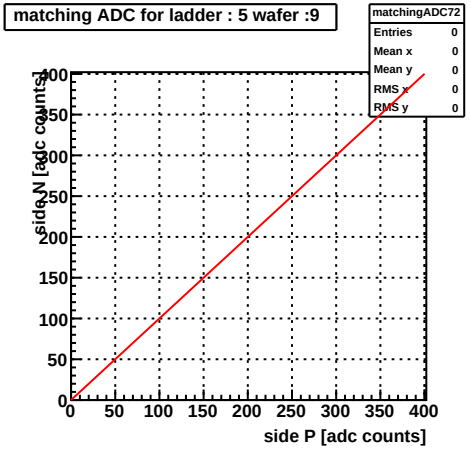

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

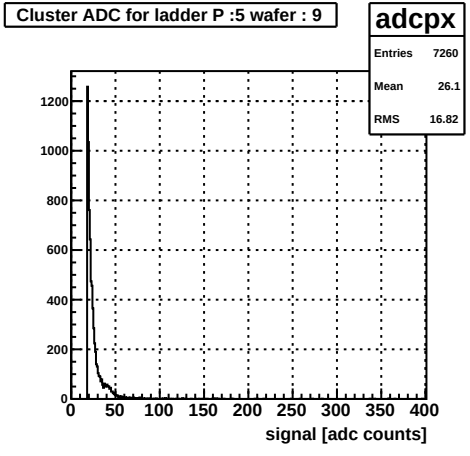

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 19498
Mean 25.18
RMS 15.82
signal [adc counts]

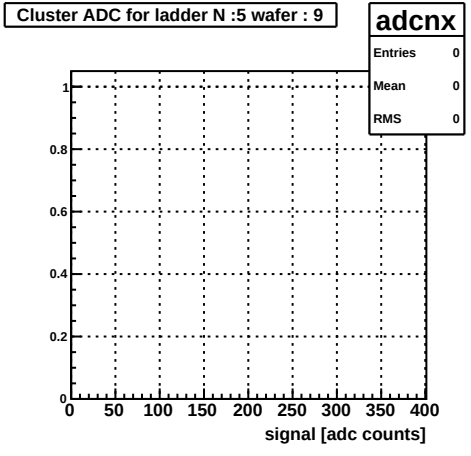

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

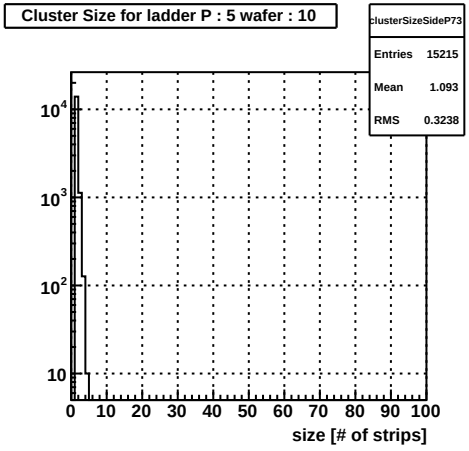

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 7260
Mean 1.062
RMS 0.2644
size [# of strips]

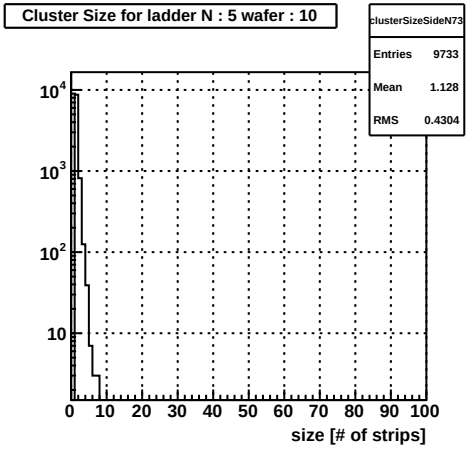

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

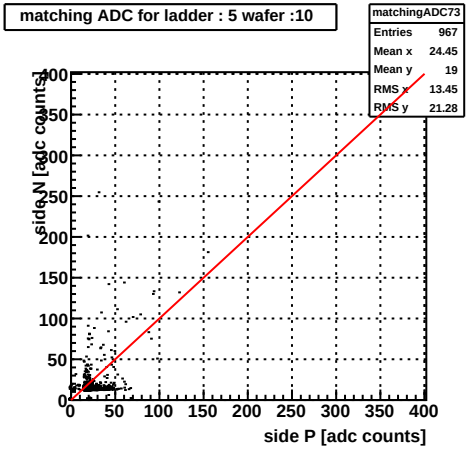

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

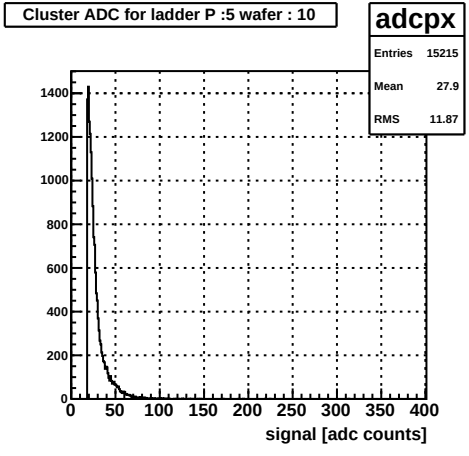

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 7260
Mean 26.1
RMS 16.82
signal [adc counts]

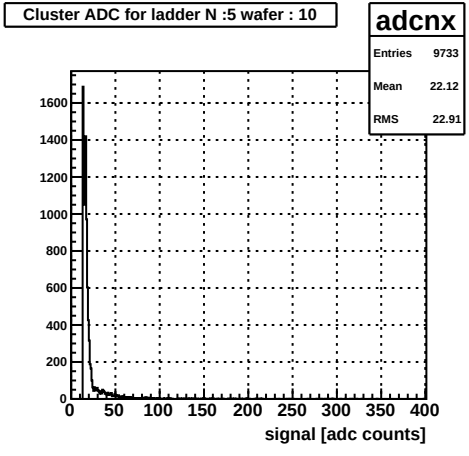

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

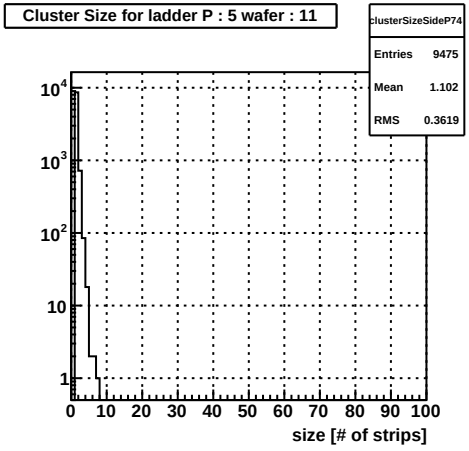

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 15215
Mean 1.093
RMS 0.3238
size [# of strips]

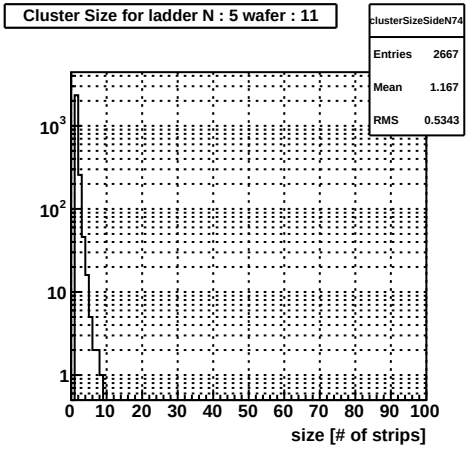

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9733
Mean 1.128
RMS 0.4304
size [# of strips]

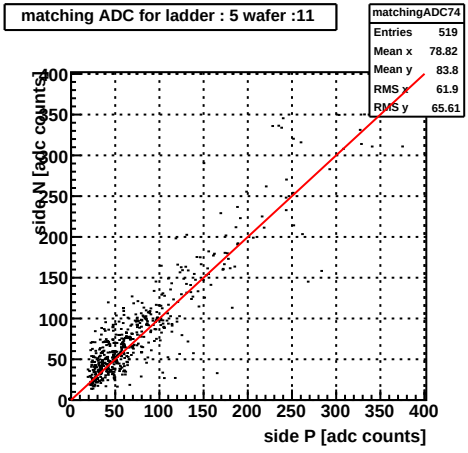

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 967
Mean x 24.45
Mean y 19
RMS x 13.45
RMS y 21.28
side N [adc counts]
side P [adc counts]

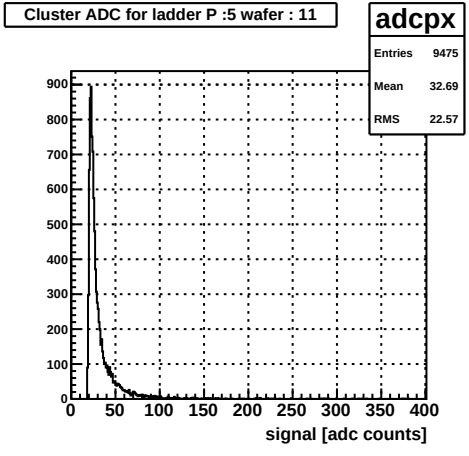

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 15215
Mean 27.9
RMS 11.87
signal [adc counts]

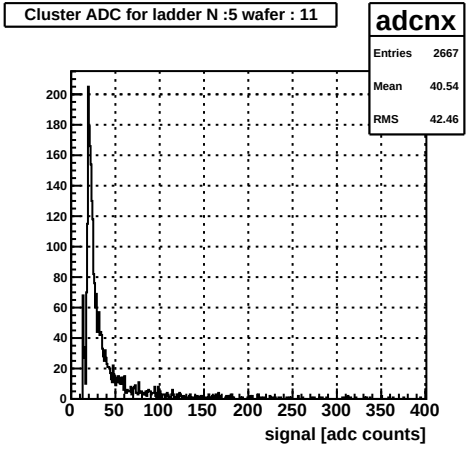

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9733
Mean 22.12
RMS 22.91
signal [adc counts]

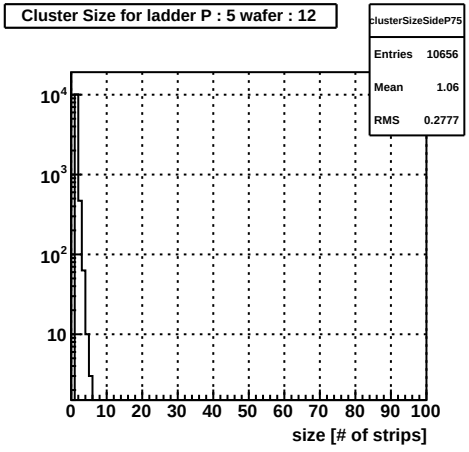

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9475
Mean 1.102
RMS 0.3619
size [# of strips]

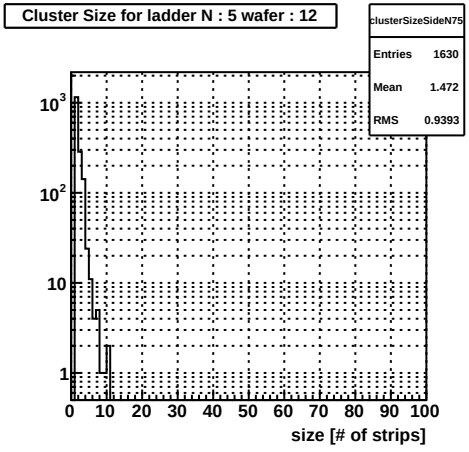

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2667
Mean 1.167
RMS 0.5343
size [# of strips]

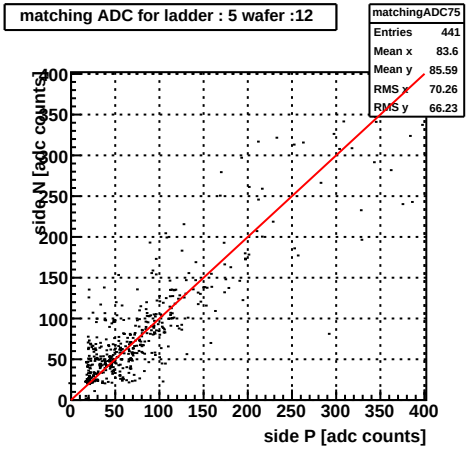

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 519
Mean x 78.82
Mean y 83.8
RMS x 61.9
RMS y 65.61
side N [adc counts]
side P [adc counts]

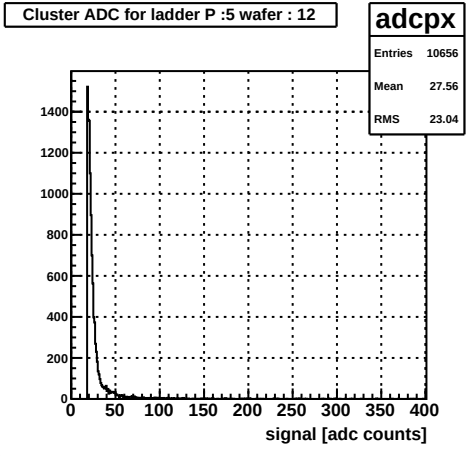

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9475
Mean 32.69
RMS 22.57
signal [adc counts]

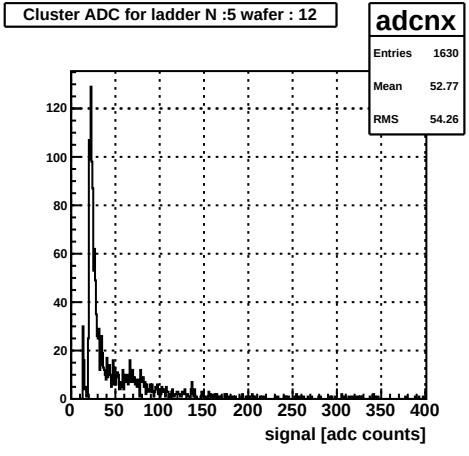

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2667
Mean 40.54
RMS 42.46
signal [adc counts]

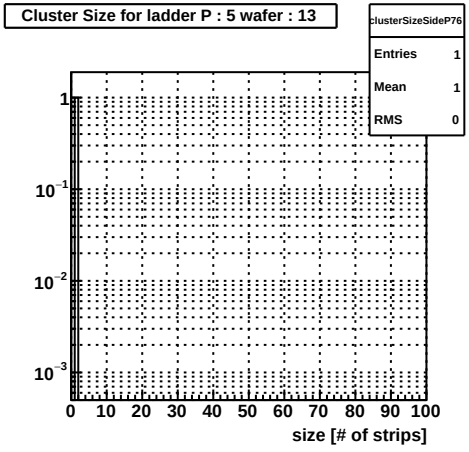

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10656
Mean 1.06
RMS 0.2777
size [# of strips]

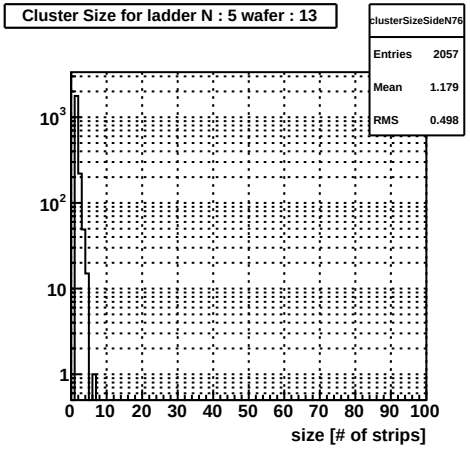

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1630
Mean 1.472
RMS 0.9393
size [# of strips]

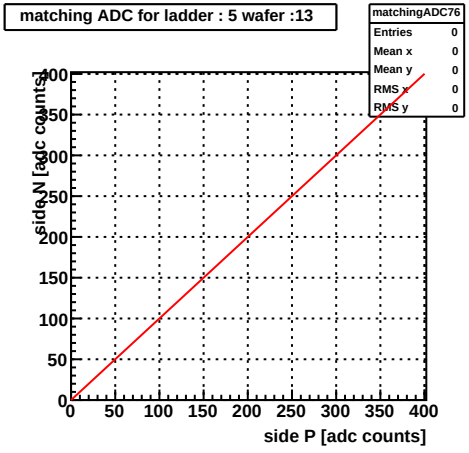

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 441
Mean x 83.6
Mean y 85.59
RMS x 70.26
RMS y 66.23
side N [adc counts]
side P [adc counts]

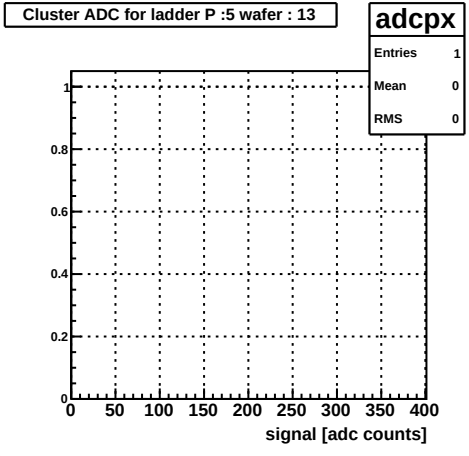

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10656
Mean 27.56
RMS 23.04
signal [adc counts]

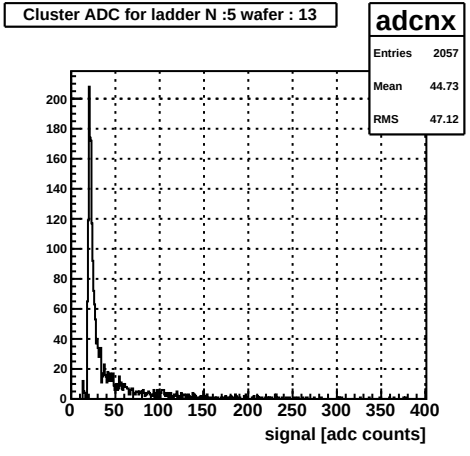

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1630
Mean 52.77
RMS 54.26
signal [adc counts]

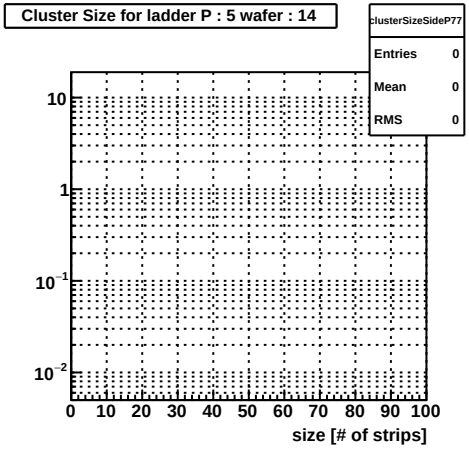

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 1
Mean 1
RMS 0
size [# of strips]

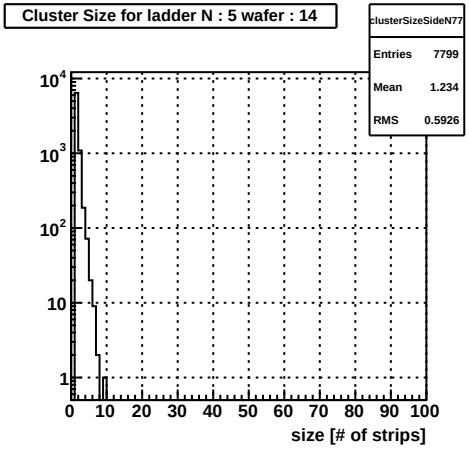

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2057
Mean 1.179
RMS 0.498
size [# of strips]

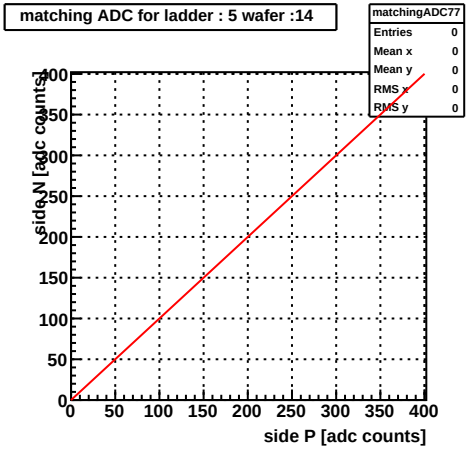

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

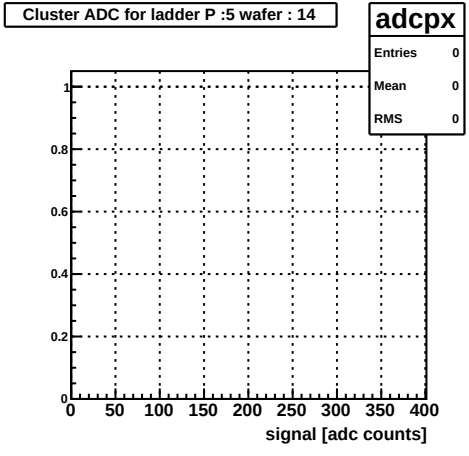

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

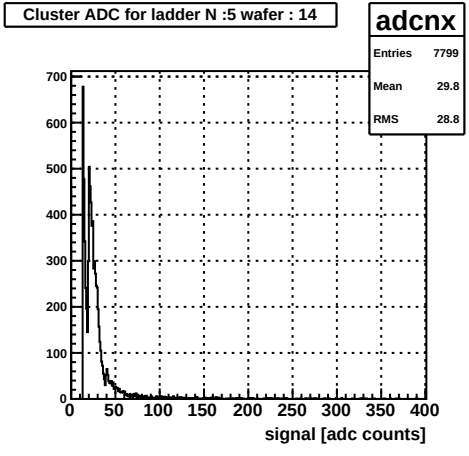

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2057
Mean 44.73
RMS 47.12
signal [adc counts]

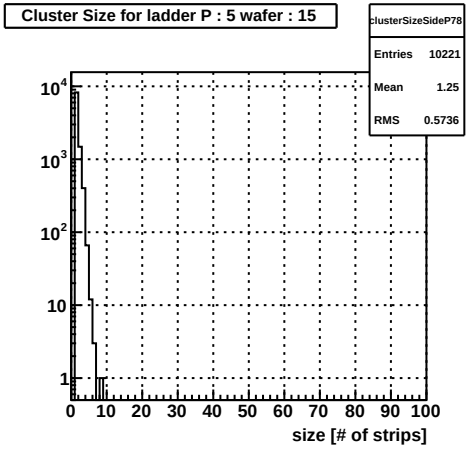

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

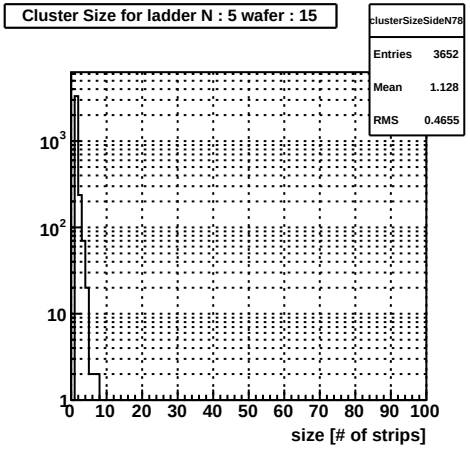

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 7799
Mean 1.234
RMS 0.5926
size [# of strips]

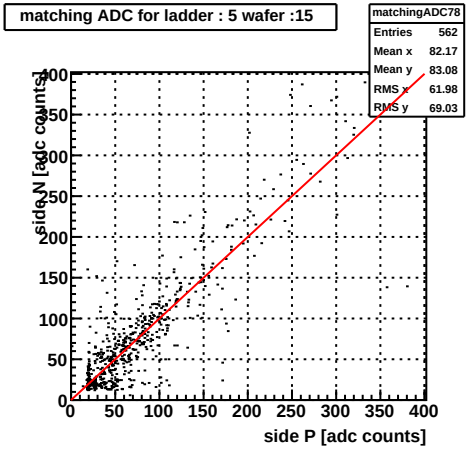

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

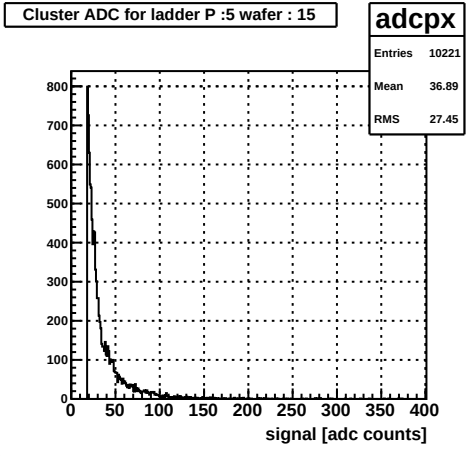

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

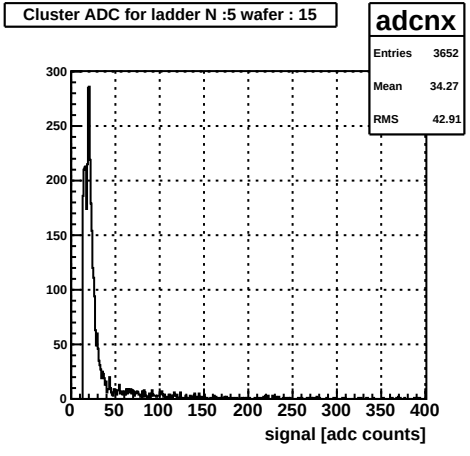

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 7799
Mean 29.8
RMS 28.8
signal [adc counts]

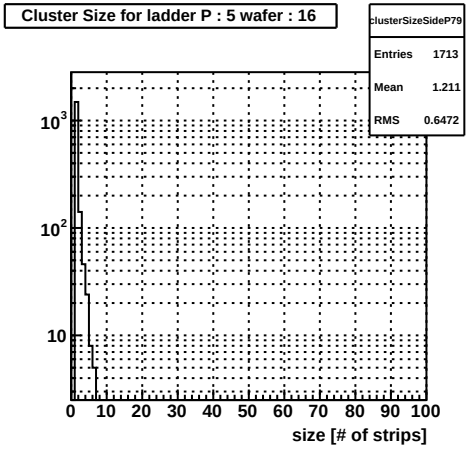

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 10221
Mean 1.25
RMS 0.5736
size [# of strips]

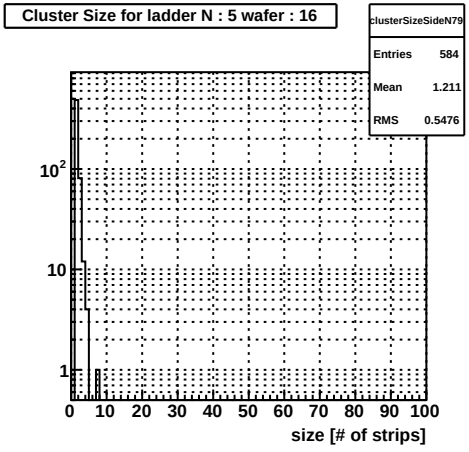

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3652
Mean 1.128
RMS 0.4655
size [# of strips]

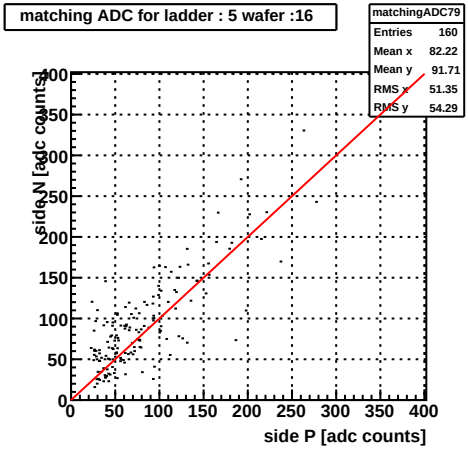

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 562
Mean x 82.17
Mean y 83.08
RMS x 61.98
RMS y 69.03
side N [adc counts]
side P [adc counts]

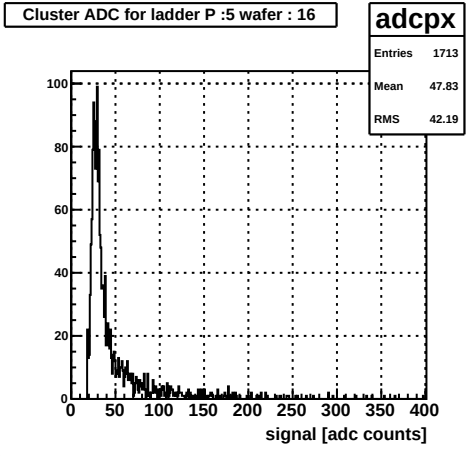

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 10221
Mean 36.89
RMS 27.45
signal [adc counts]

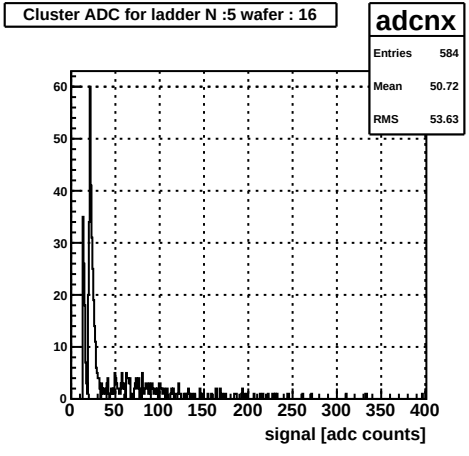

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3652
Mean 34.27
RMS 42.91
signal [adc counts]

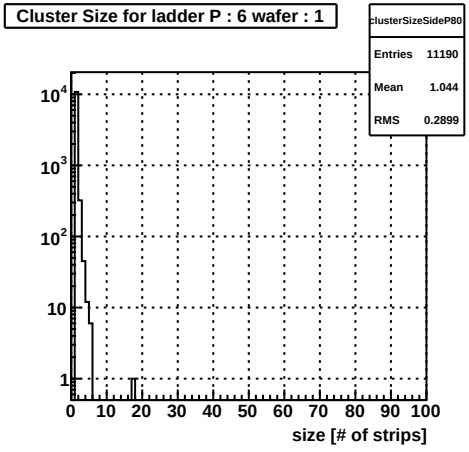

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1713
Mean 1.211
RMS 0.6472
size [# of strips]

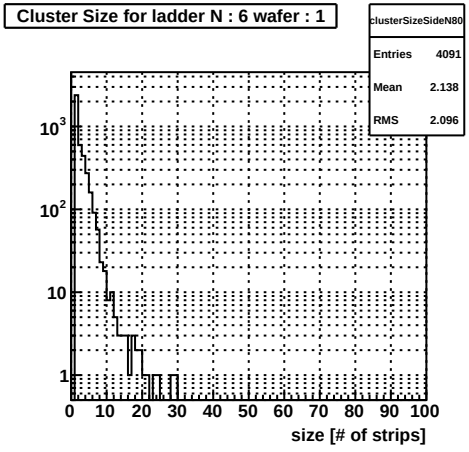

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 584
Mean 1.211
RMS 0.5476
size [# of strips]

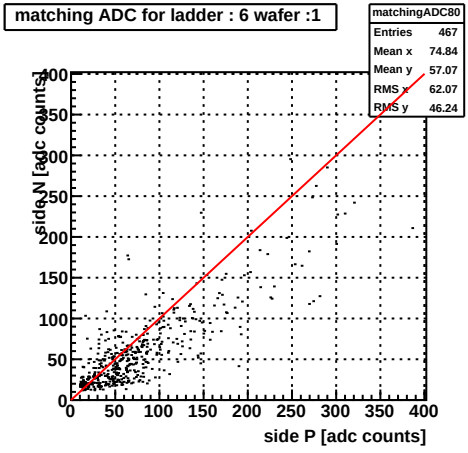

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 160
Mean x 82.22
Mean y 91.71
RMS x 51.35
RMS y 54.29
side N [adc counts]
side P [adc counts]

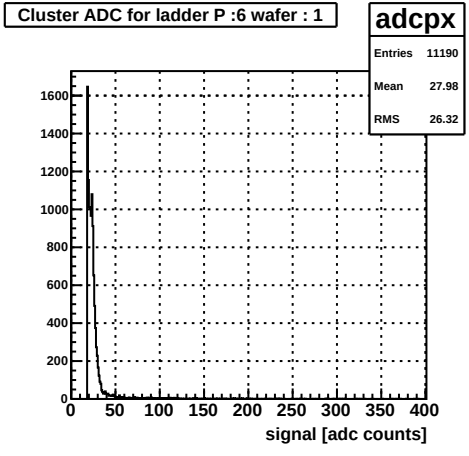

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1713
Mean 47.83
RMS 42.19
signal [adc counts]

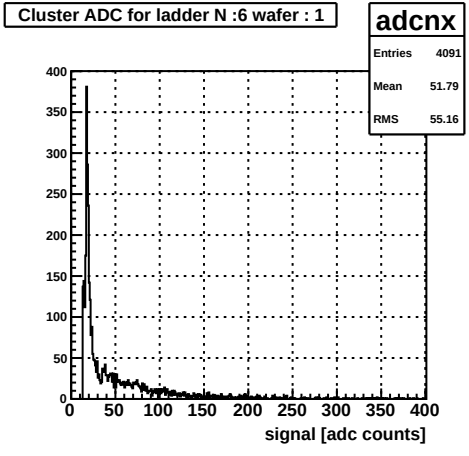

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 584
Mean 50.72
RMS 53.63
signal [adc counts]

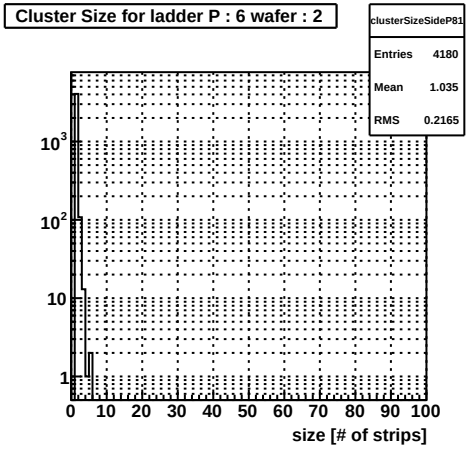

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11190
Mean 1.044
RMS 0.2899
size [# of strips]

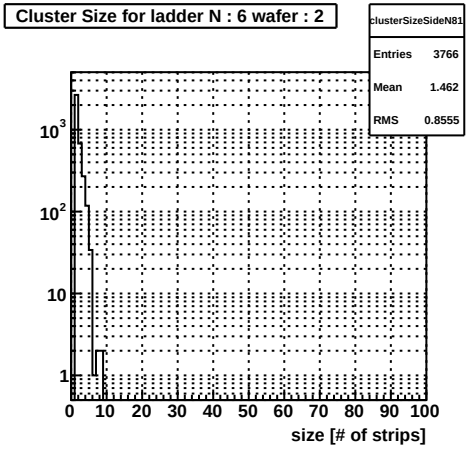

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4091
Mean 2.138
RMS 2.096
size [# of strips]

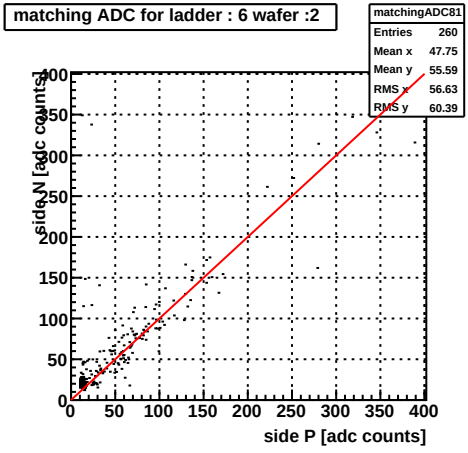

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 467
Mean x 74.84
Mean y 57.07
RMS x 62.07
RMS y 46.24
side N [adc counts]
side P [adc counts]

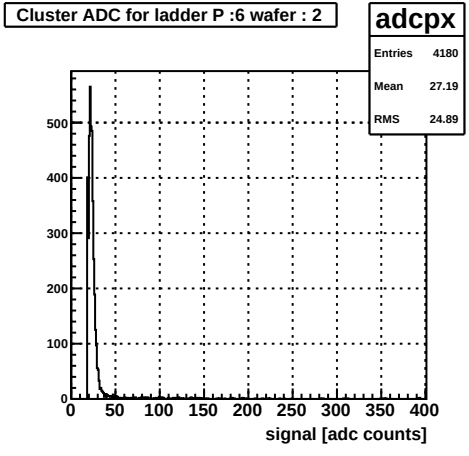

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11190
Mean 27.98
RMS 26.32
signal [adc counts]

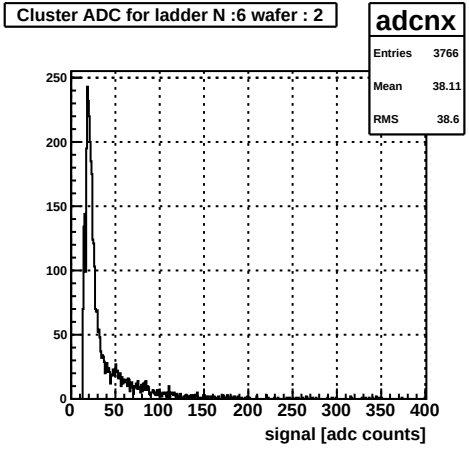

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4091
Mean 51.79
RMS 55.16
signal [adc counts]

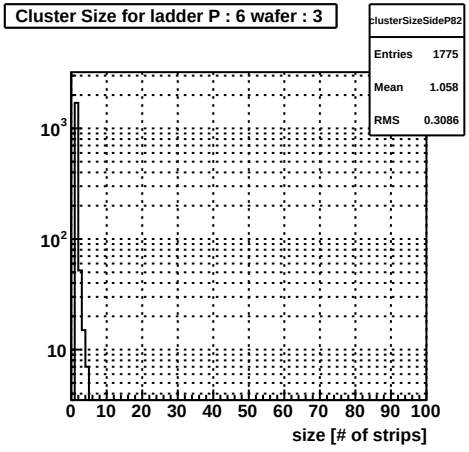

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4180
Mean 1.035
RMS 0.2165
size [# of strips]

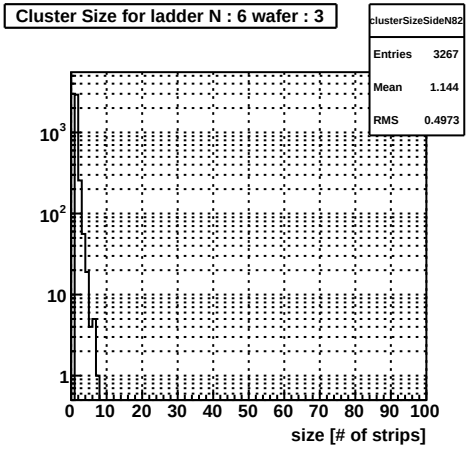

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3766
Mean 1.462
RMS 0.8555
size [# of strips]

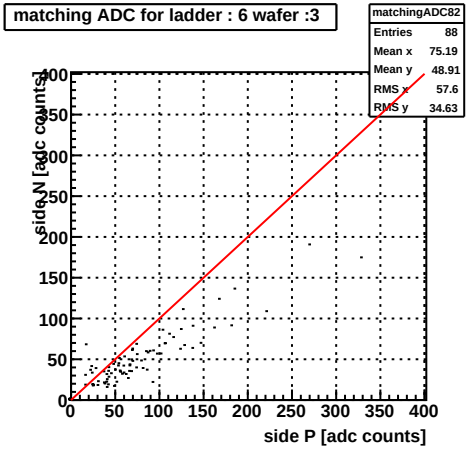

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 260
Mean x 47.75
Mean y 55.59
RMS x 56.63
RMS y 60.39
side N [adc counts]
side P [adc counts]

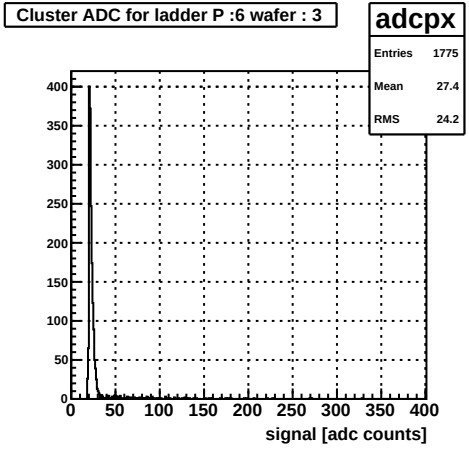

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4180
Mean 27.19
RMS 24.89
signal [adc counts]

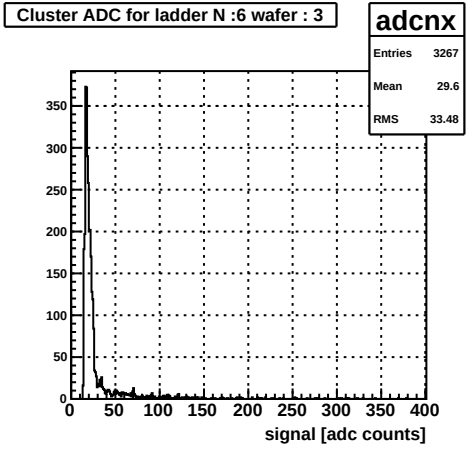

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3766
Mean 38.11
RMS 38.6
signal [adc counts]

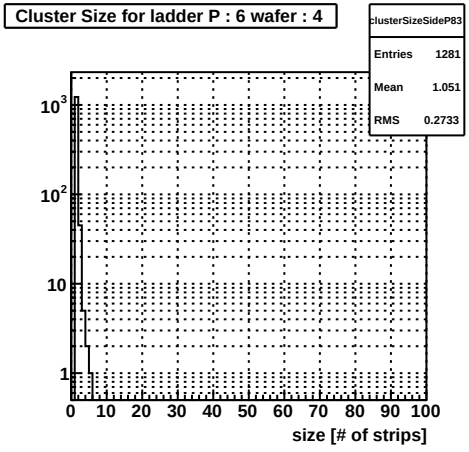

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1775
Mean 1.058
RMS 0.3086
size [# of strips]

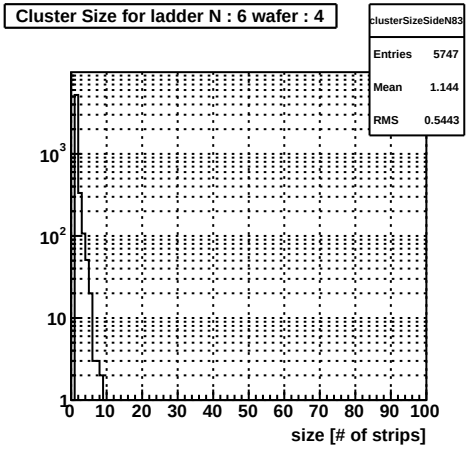

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3267
Mean 1.144
RMS 0.4973
size [# of strips]

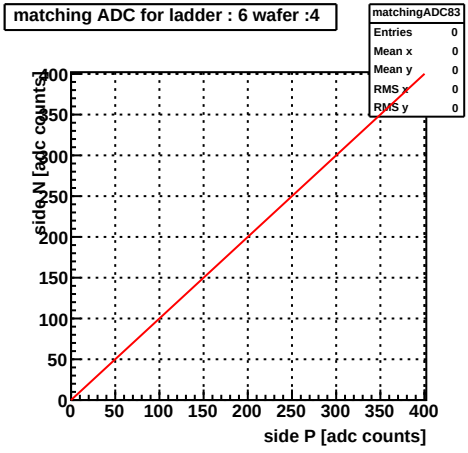

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 88
Mean x 75.19
Mean y 48.91
RMS x 57.6
RMS y 34.63
side N [adc counts]
side P [adc counts]

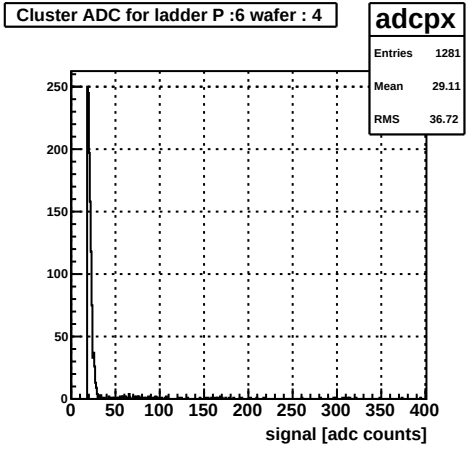

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1775
Mean 27.4
RMS 24.2
signal [adc counts]

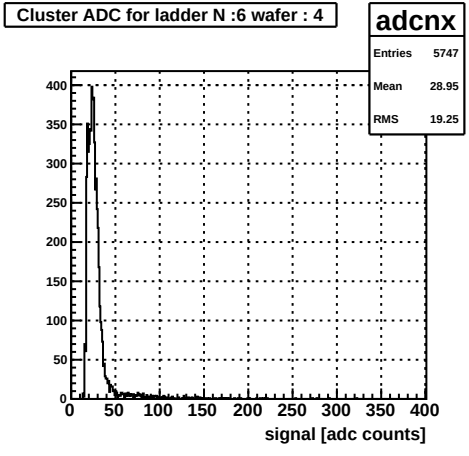

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3267
Mean 29.6
RMS 33.48
signal [adc counts]

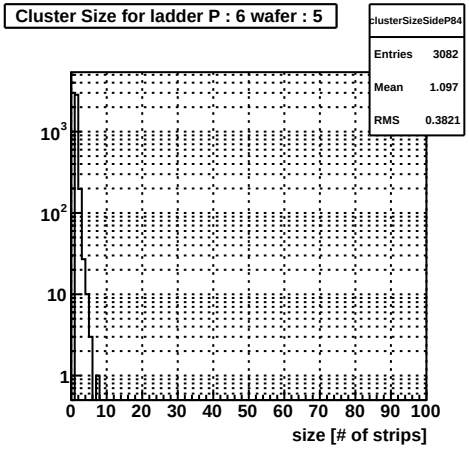

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1281
Mean 1.051
RMS 0.2733
size [# of strips]

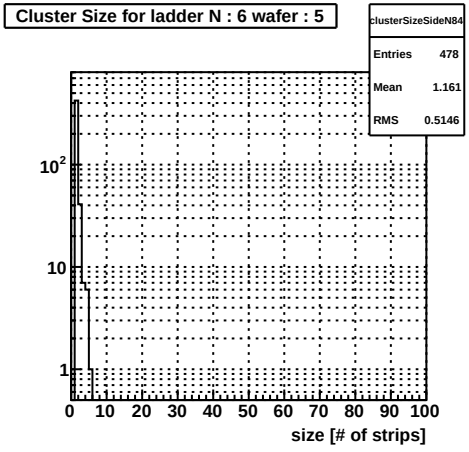

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5747
Mean 1.144
RMS 0.5443
size [# of strips]

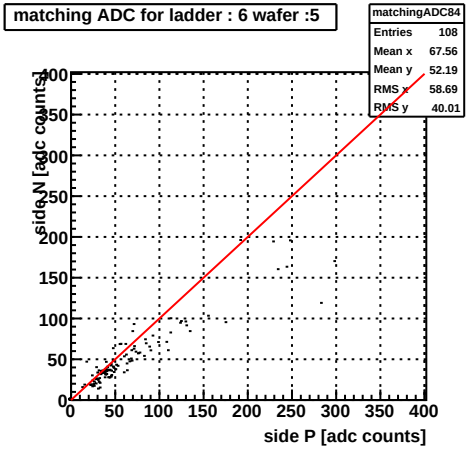

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

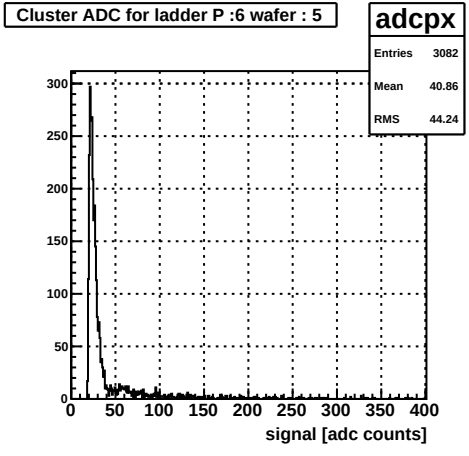

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1281
Mean 29.11
RMS 36.72
signal [adc counts]

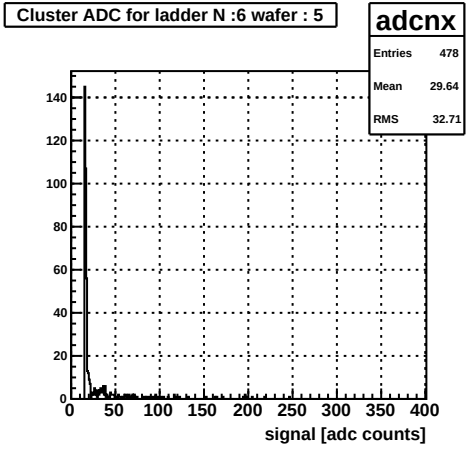

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5747
Mean 28.95
RMS 19.25
signal [adc counts]

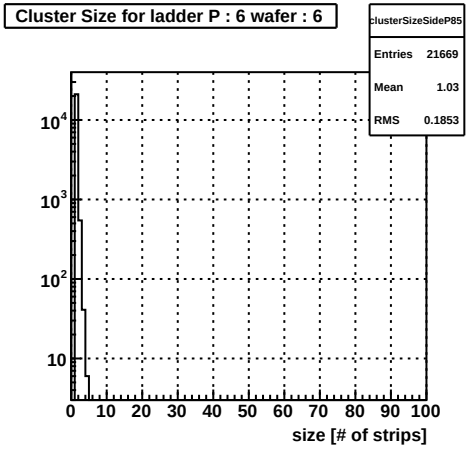

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3082
Mean 1.097
RMS 0.3821
size [# of strips]

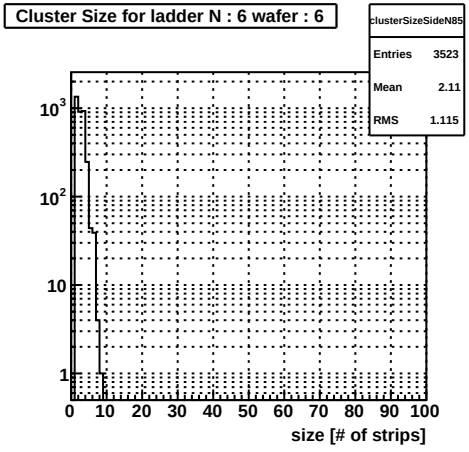

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 478
Mean 1.161
RMS 0.5146
size [# of strips]

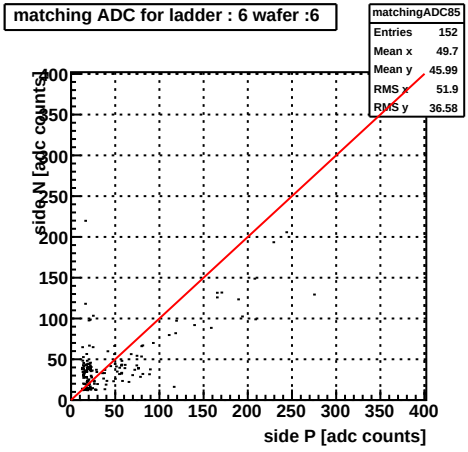

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 108
Mean x 67.56
Mean y 52.19
RMS x 58.69
RMS y 40.01
side N [adc counts]
side P [adc counts]

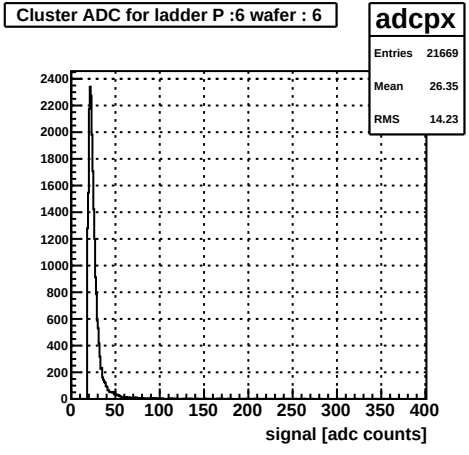

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3082
Mean 40.86
RMS 44.24
signal [adc counts]

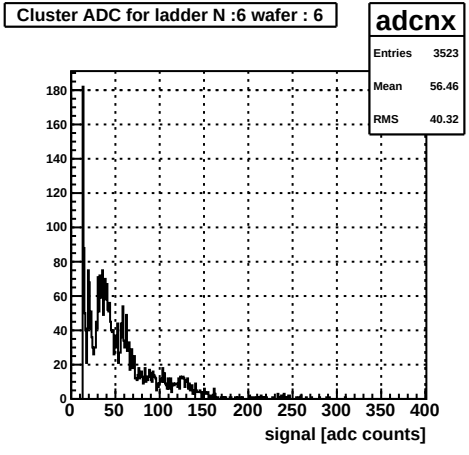

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 478
Mean 29.64
RMS 32.71
signal [adc counts]

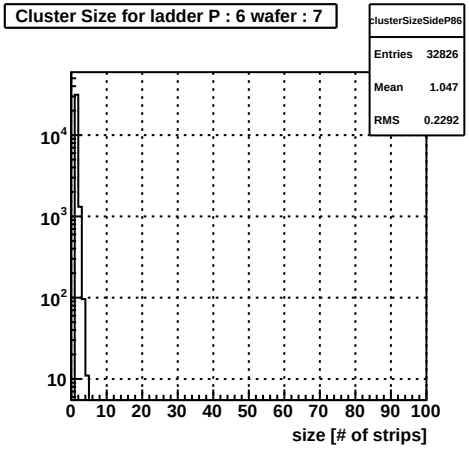

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 21669
Mean 1.03
RMS 0.1853
size [# of strips]

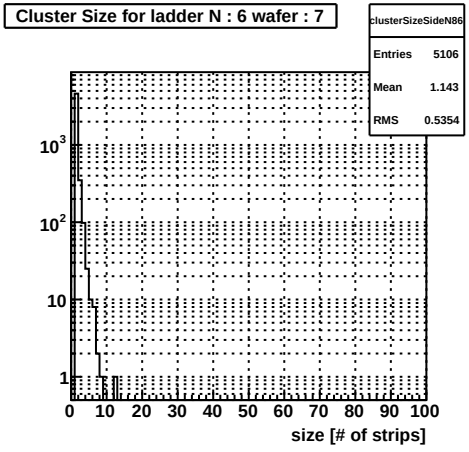

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 3523
Mean 2.11
RMS 1.115
size [# of strips]

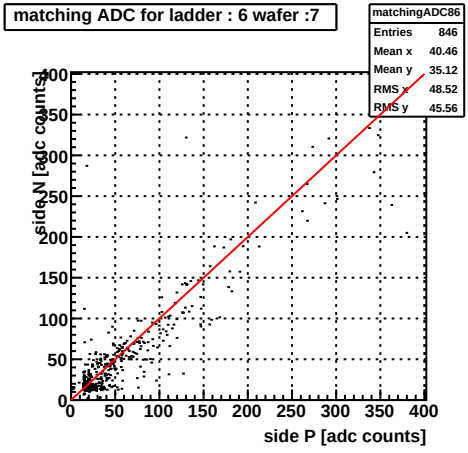

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 152
Mean x 49.7
Mean y 45.99
RMS x 51.9
RMS y 36.58
side N [adc counts]
side P [adc counts]

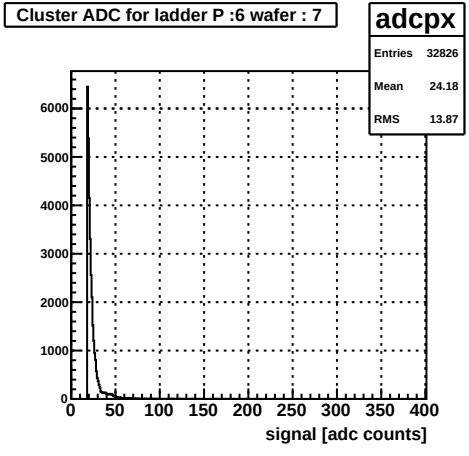

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 21669
Mean 26.35
RMS 14.23
signal [adc counts]

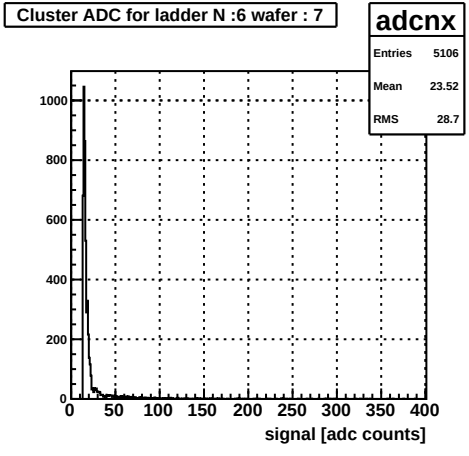

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 3523
Mean 56.46
RMS 40.32
signal [adc counts]

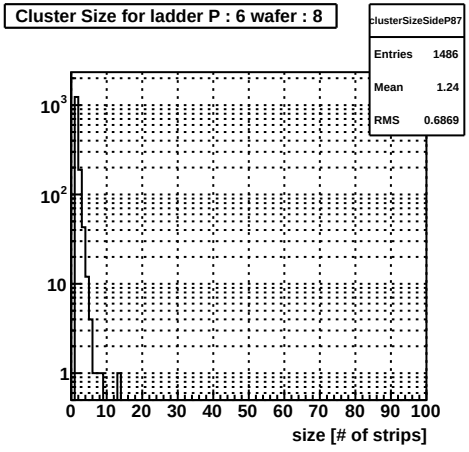

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 32826
Mean 1.047
RMS 0.2292
size [# of strips]

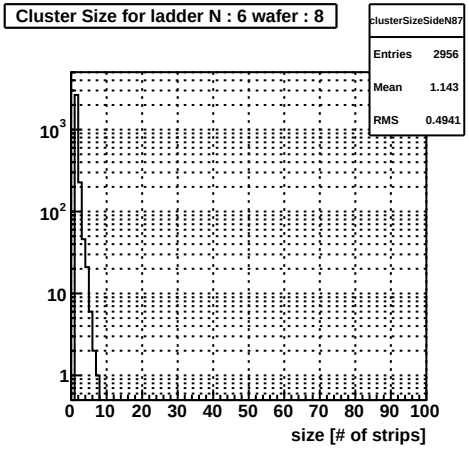

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 5106
Mean 1.143
RMS 0.5354
size [# of strips]

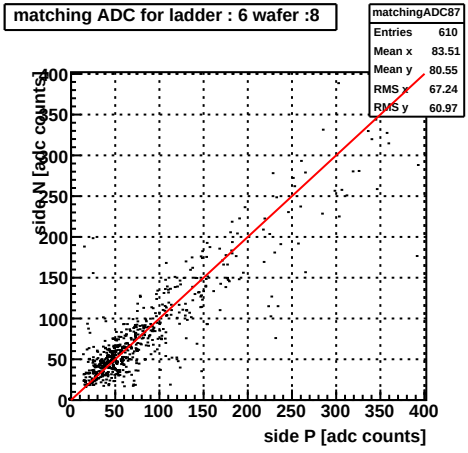

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 846
Mean x 40.46
Mean y 35.12
RMS x 48.52
RMS y 45.56
side N [adc counts]
side P [adc counts]

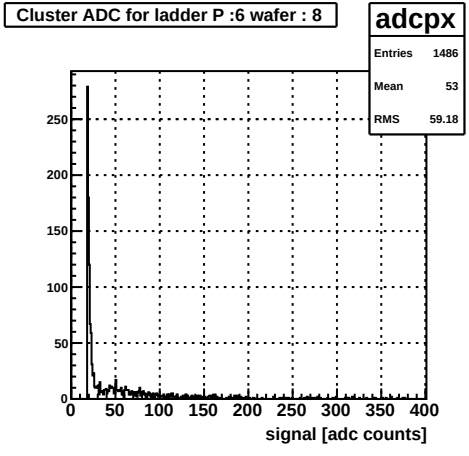

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 32826
Mean 24.18
RMS 13.87
signal [adc counts]

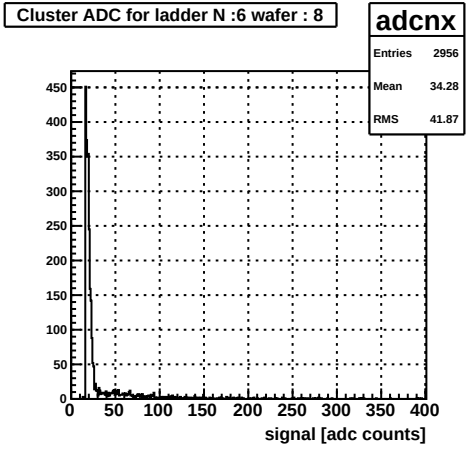

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 5106
Mean 23.52
RMS 28.7
signal [adc counts]

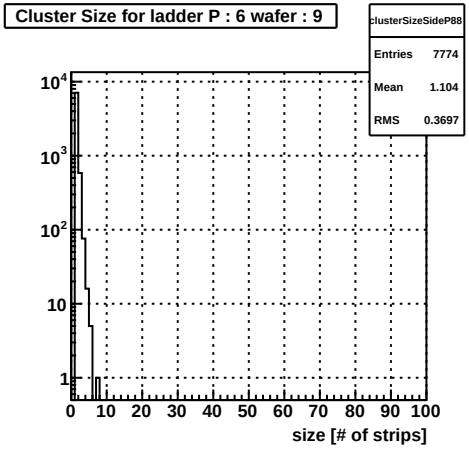

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1486
Mean 1.24
RMS 0.6869
size [# of strips]

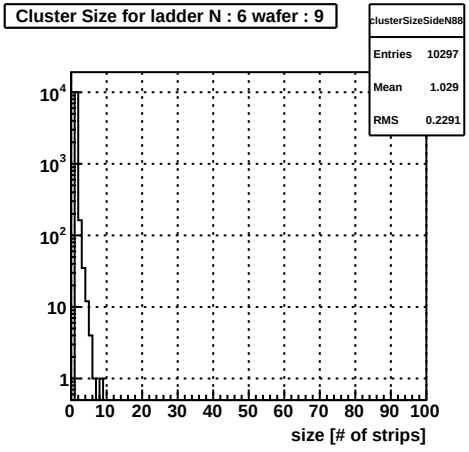

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2956
Mean 1.143
RMS 0.4941
size [# of strips]

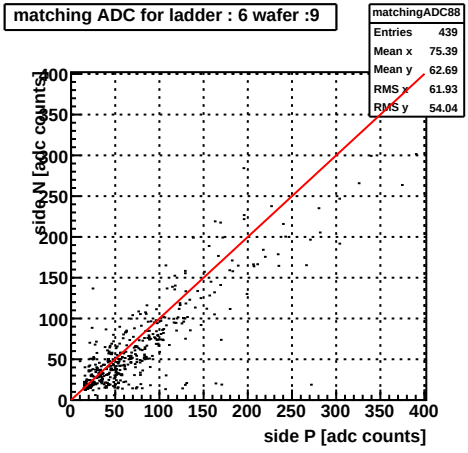

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 610
Mean x 83.51
Mean y 80.55
RMS x 67.24
RMS y 60.97
side N [adc counts]
side P [adc counts]

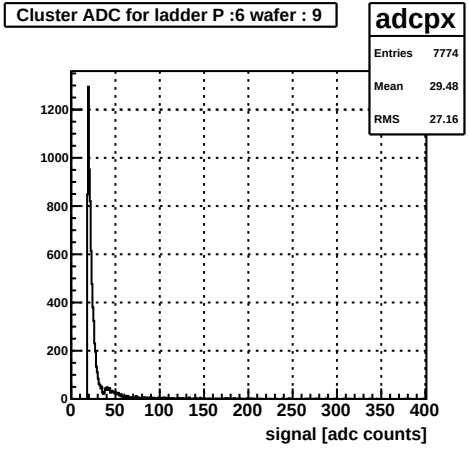

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1486
Mean 53
RMS 59.18
signal [adc counts]

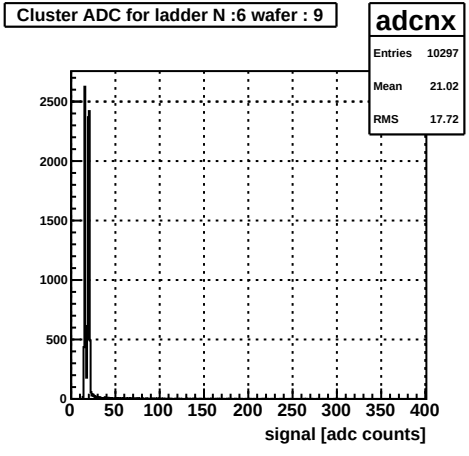

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2956
Mean 34.28
RMS 41.87
signal [adc counts]

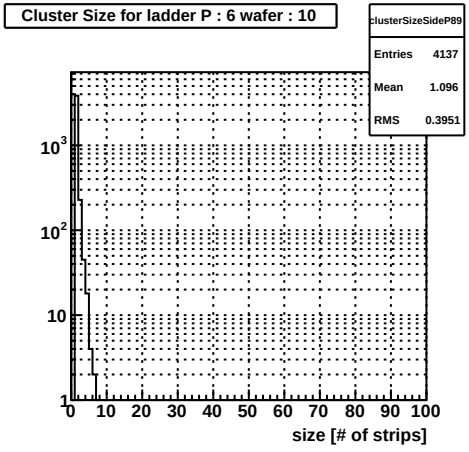

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 7774
Mean 1.104
RMS 0.3697
size [# of strips]

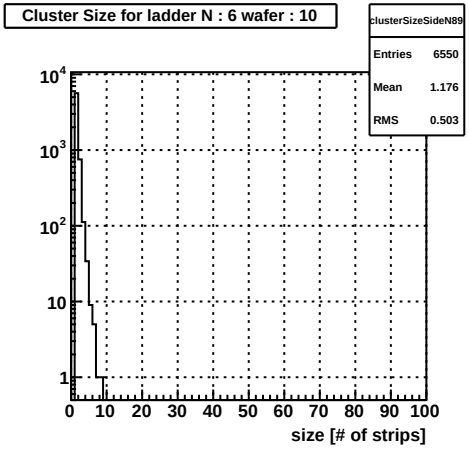

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 10297
Mean 1.029
RMS 0.2291
size [# of strips]

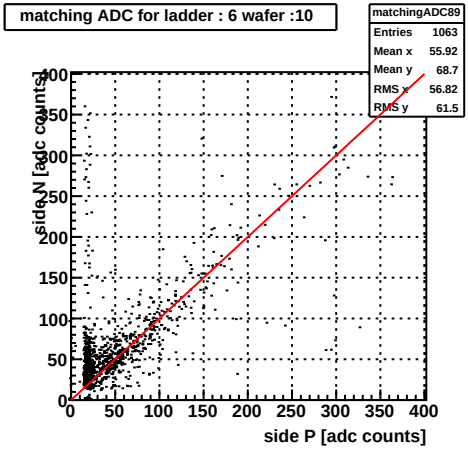

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 439
Mean x 75.39
Mean y 62.69
RMS x 61.93
RMS y 54.04
side N [adc counts]
side P [adc counts]

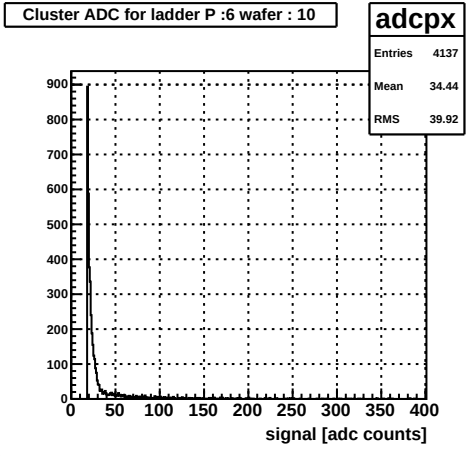

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 7774
Mean 29.48
RMS 27.16
signal [adc counts]

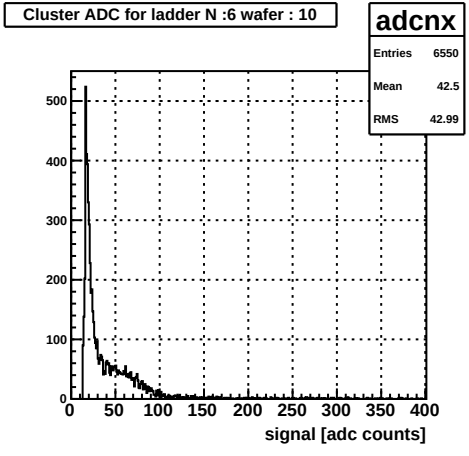

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 10297
Mean 21.02
RMS 17.72
signal [adc counts]

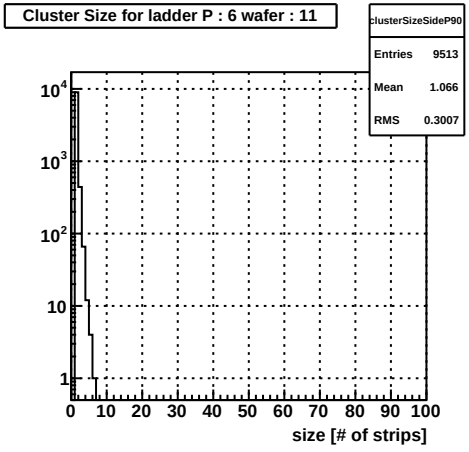

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4137
Mean 1.096
RMS 0.3951
size [# of strips]

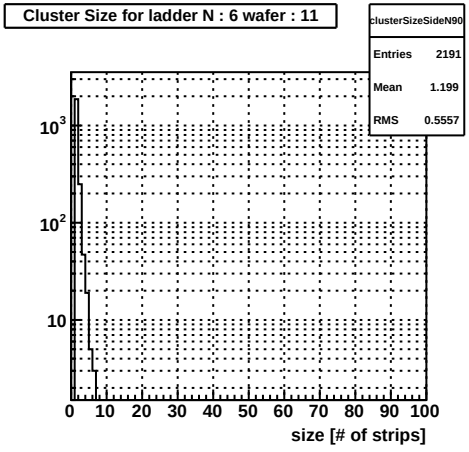

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 6550
Mean 1.176
RMS 0.503
size [# of strips]

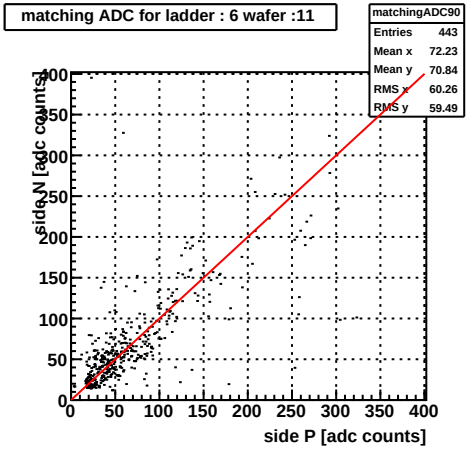

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1063
Mean x 55.92
Mean y 68.7
RMS x 56.82
RMS y 61.5
side N [adc counts]
side P [adc counts]

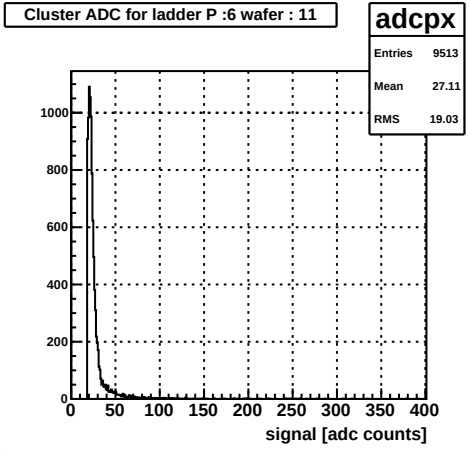

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4137
Mean 34.44
RMS 39.92
signal [adc counts]

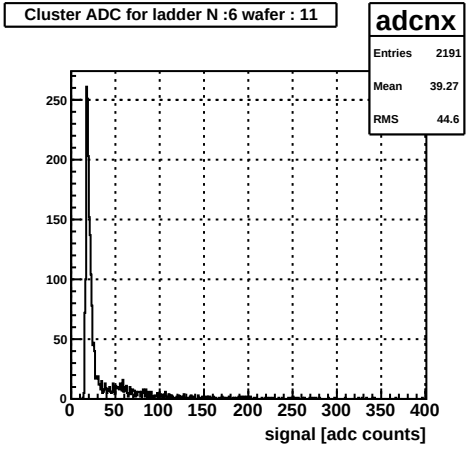

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 6550
Mean 42.5
RMS 42.99
signal [adc counts]

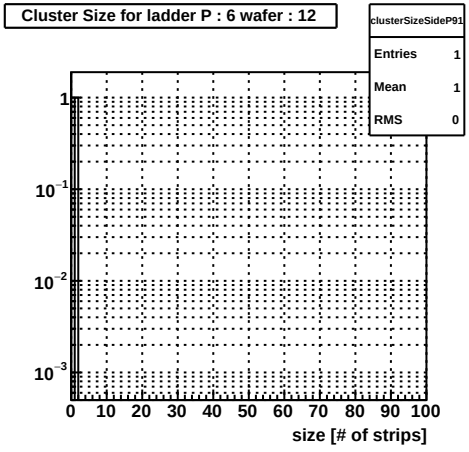

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9513
Mean 1.066
RMS 0.3007
size [# of strips]

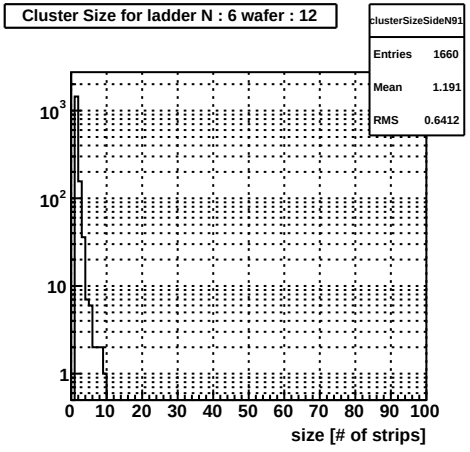

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2191
Mean 1.199
RMS 0.5557
size [# of strips]

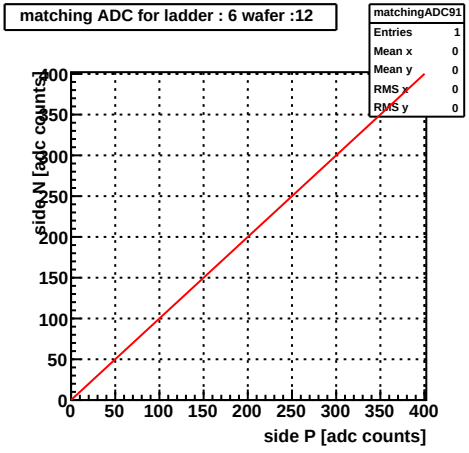

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 443
Mean x 72.23
Mean y 70.84
RMS x 60.26
RMS y 59.49
side N [adc counts]
side P [adc counts]

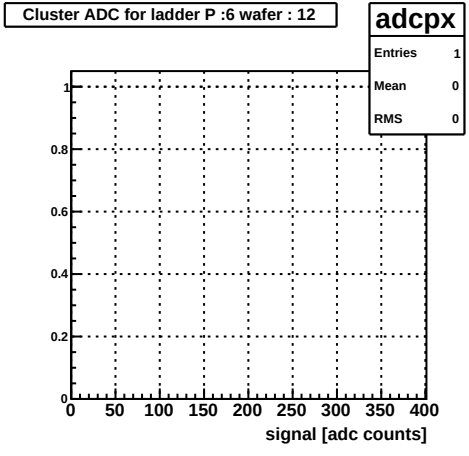

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9513
Mean 27.11
RMS 19.03
signal [adc counts]

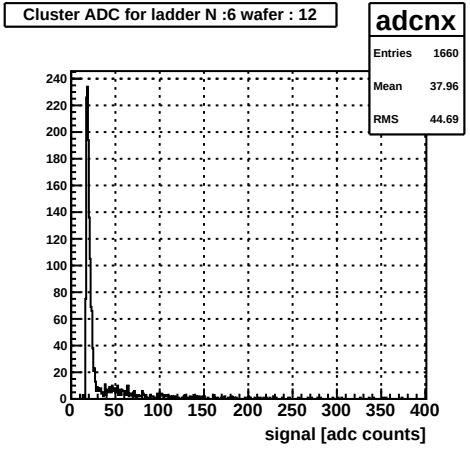

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2191
Mean 39.27
RMS 44.6
signal [adc counts]

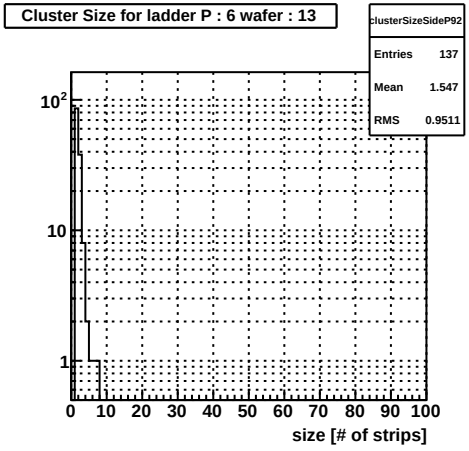

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 1
Mean 1
RMS 0
size [# of strips]

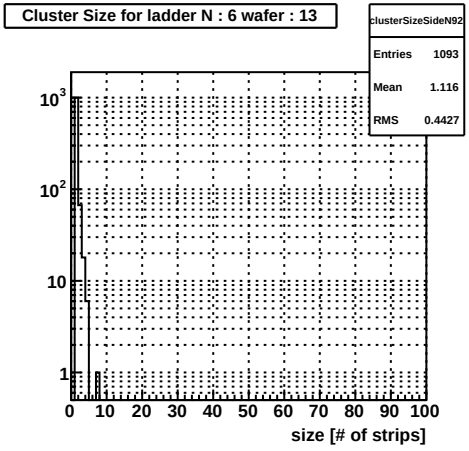

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1660
Mean 1.191
RMS 0.6412
size [# of strips]

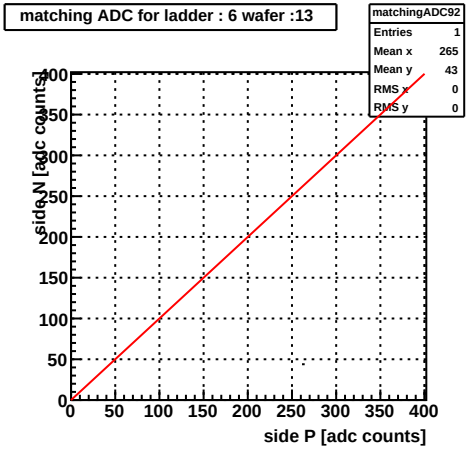

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

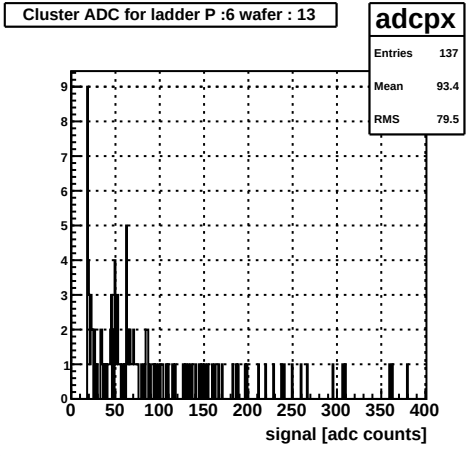

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

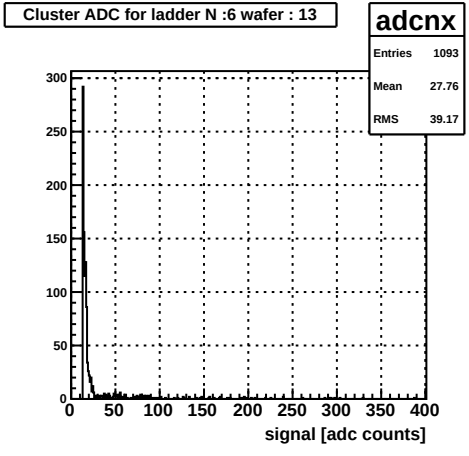

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1660
Mean 37.96
RMS 44.69
signal [adc counts]

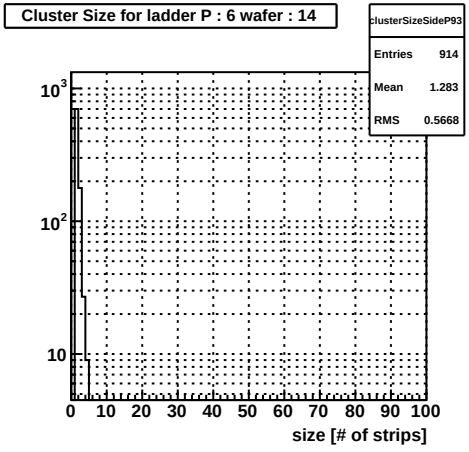

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 137
Mean 1.547
RMS 0.9511
size [# of strips]

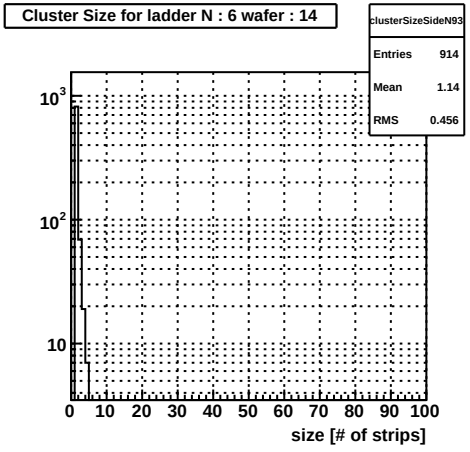

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1093
Mean 1.116
RMS 0.4427
size [# of strips]

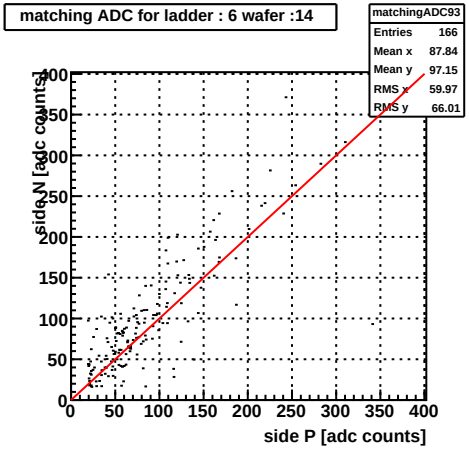

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 265
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

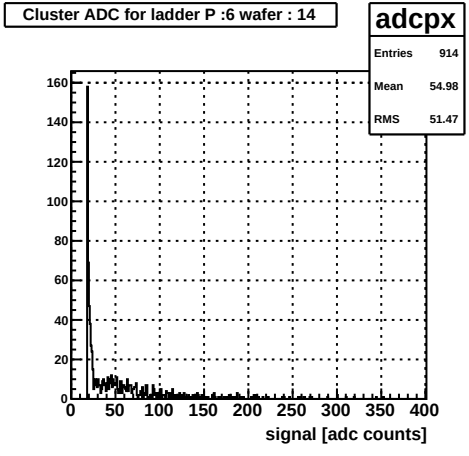

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 137
Mean 93.4
RMS 79.5
signal [adc counts]

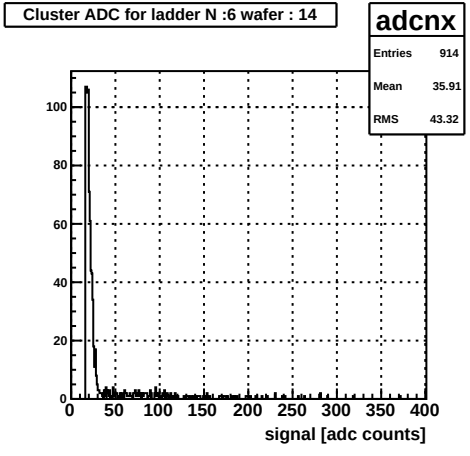

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1093
Mean 27.76
RMS 39.17
signal [adc counts]

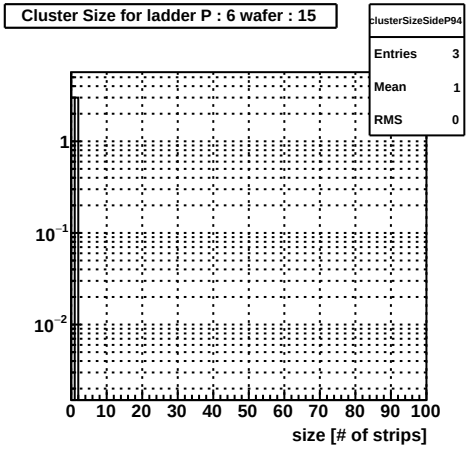

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 914
Mean 1.283
RMS 0.5668
size [# of strips]

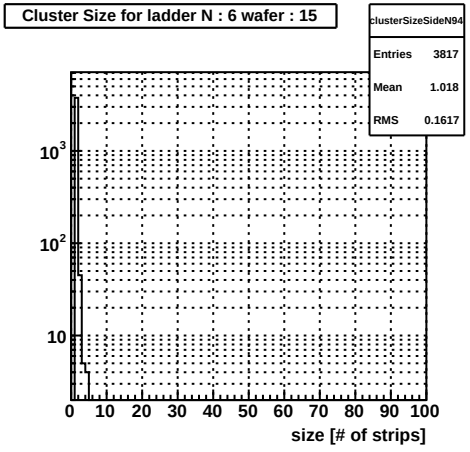

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 914
Mean 1.14
RMS 0.456
size [# of strips]

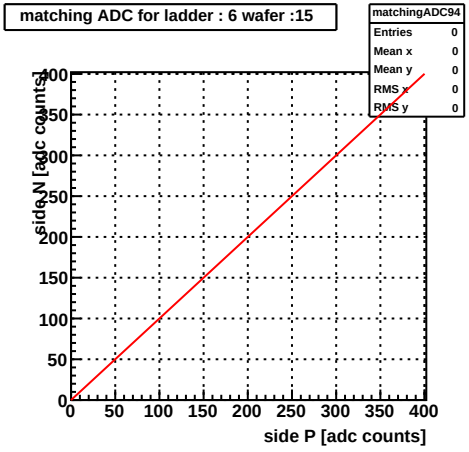

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 166
Mean x 87.84
Mean y 97.15
RMS x 59.97
RMS y 66.01
side N [adc counts]
side P [adc counts]

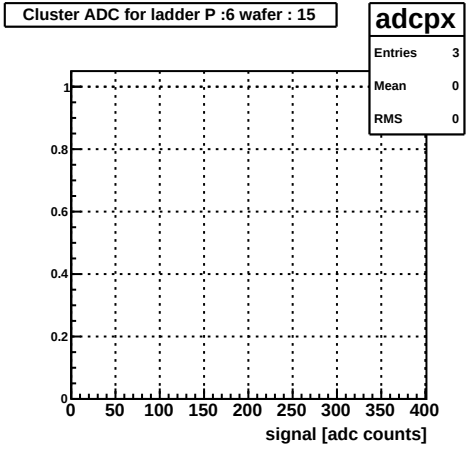

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 914
Mean 54.98
RMS 51.47
signal [adc counts]

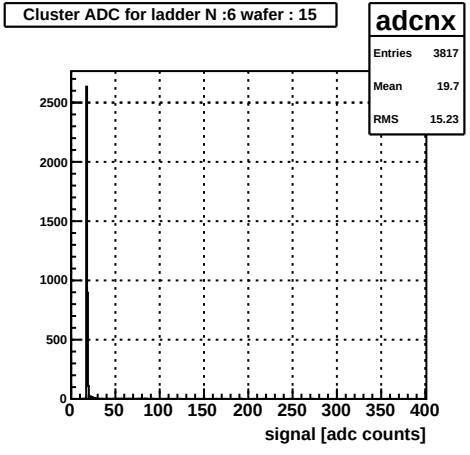

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 914
Mean 35.91
RMS 43.32
signal [adc counts]

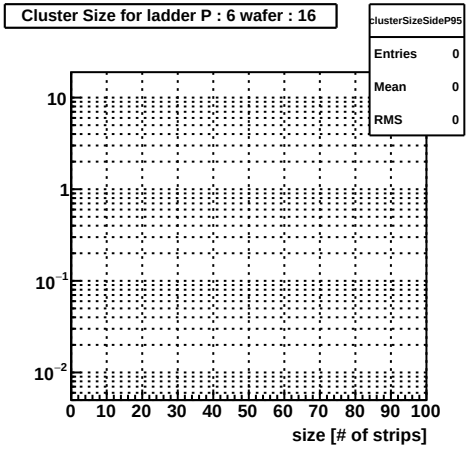

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

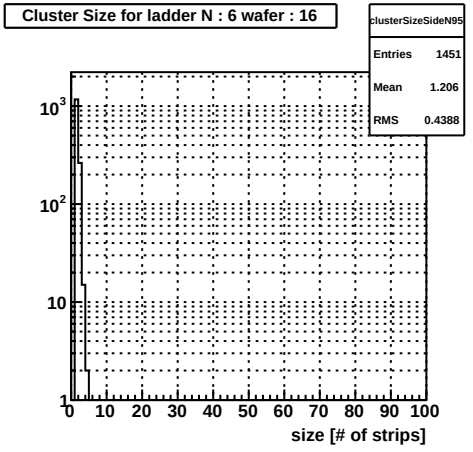

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3817
Mean 1.018
RMS 0.1617
size [# of strips]

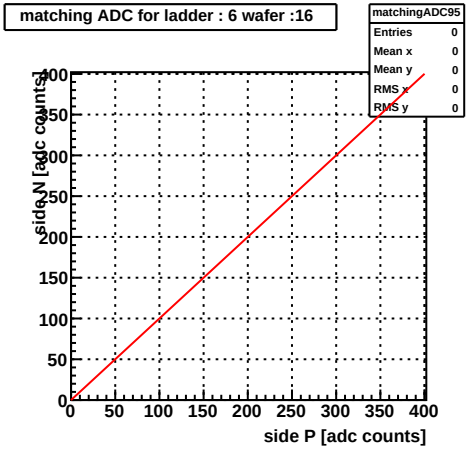

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

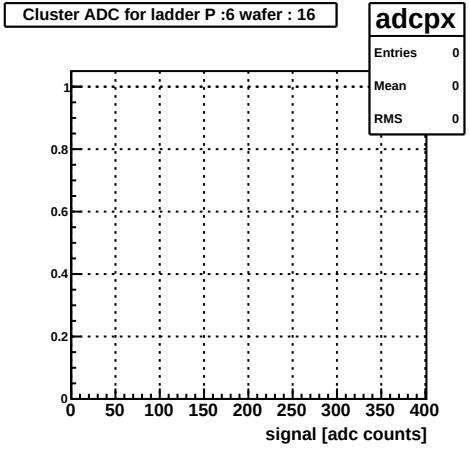

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

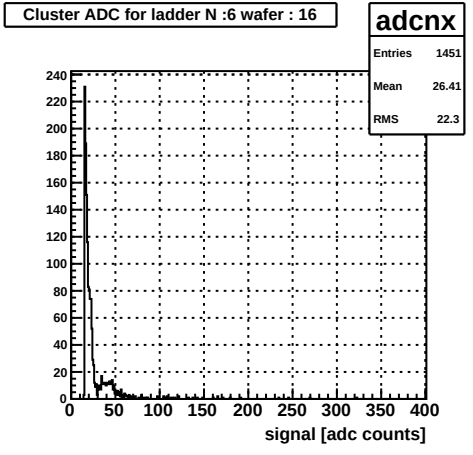

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3817
Mean 19.7
RMS 15.23
signal [adc counts]

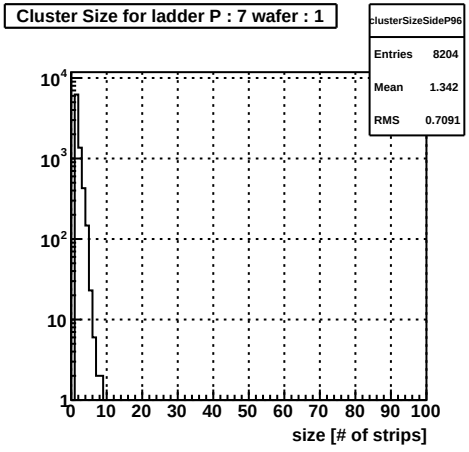

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

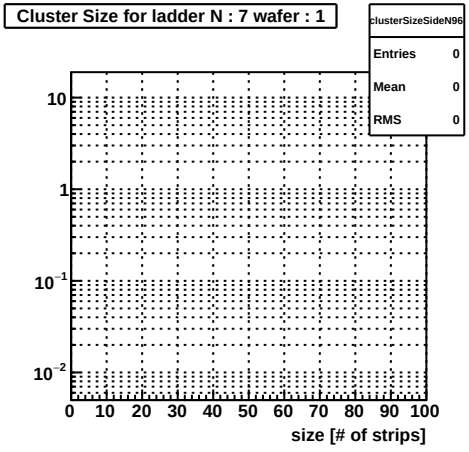

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1451
Mean 1.206
RMS 0.4388
size [# of strips]

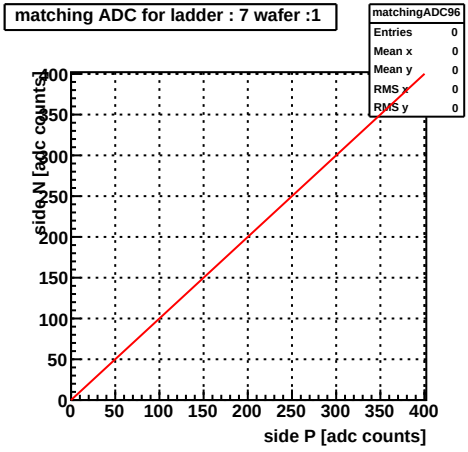

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

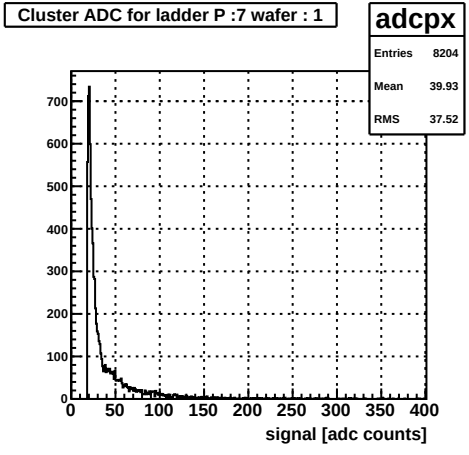

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

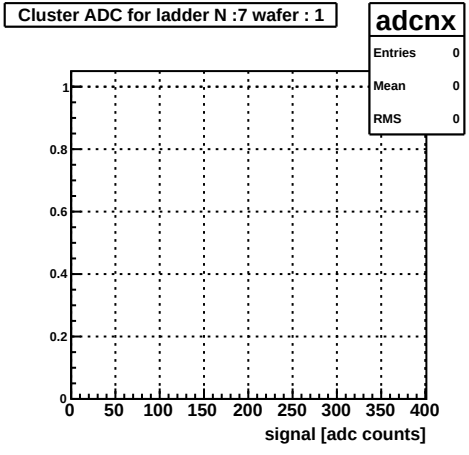

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1451
Mean 26.41
RMS 22.3
signal [adc counts]

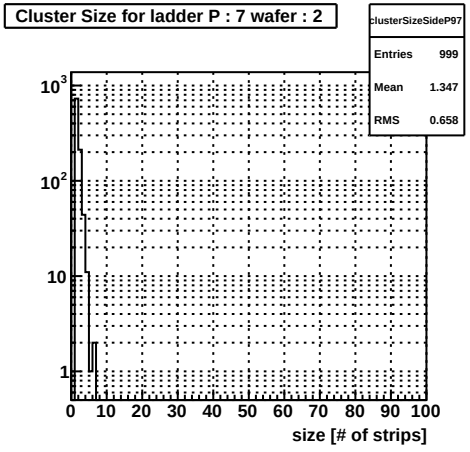

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8204
Mean 1.342
RMS 0.7091
size [# of strips]

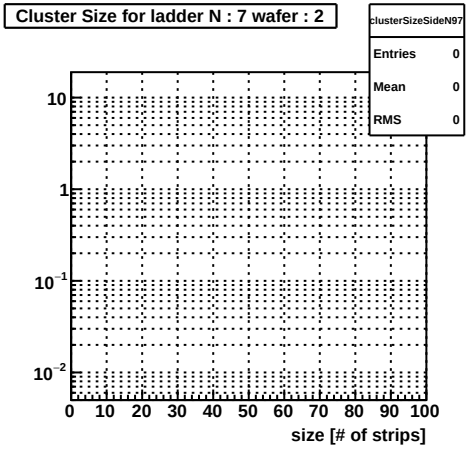

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

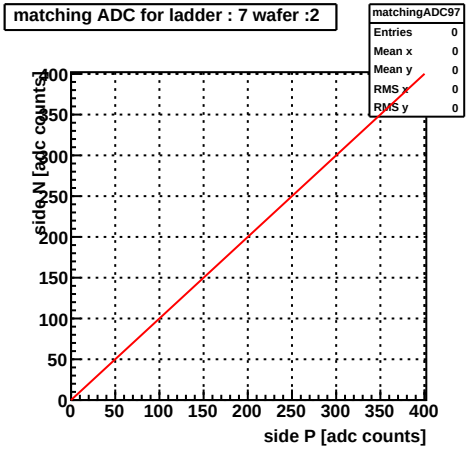

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

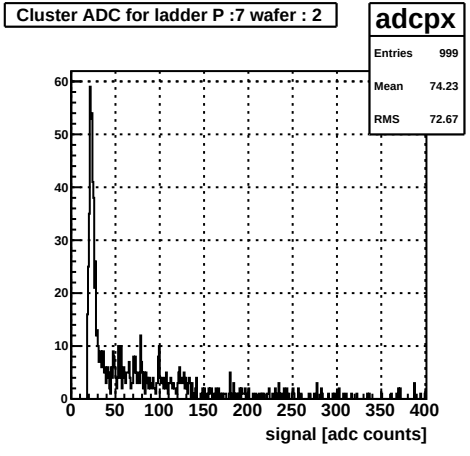

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8204
Mean 39.93
RMS 37.52
signal [adc counts]

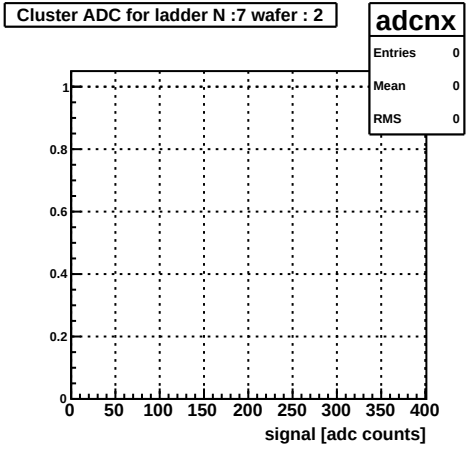

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

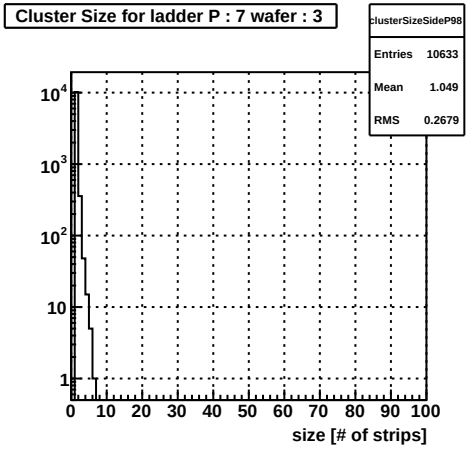

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 999
Mean 1.347
RMS 0.658
size [# of strips]

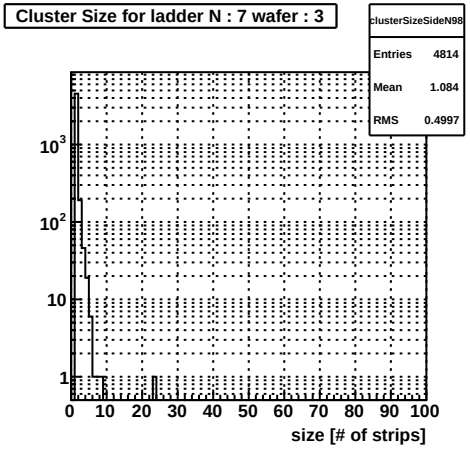

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

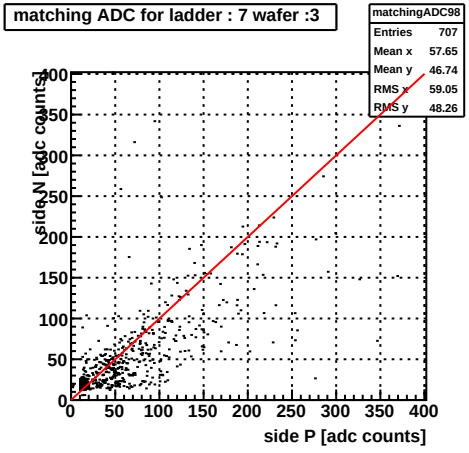

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

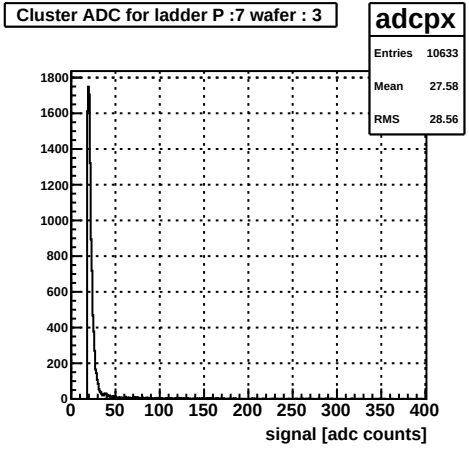

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 999
Mean 74.23
RMS 72.67
signal [adc counts]

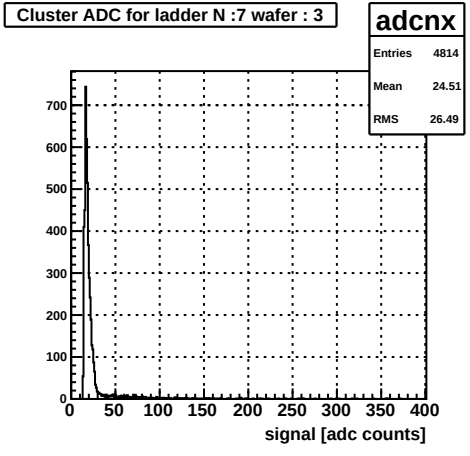

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

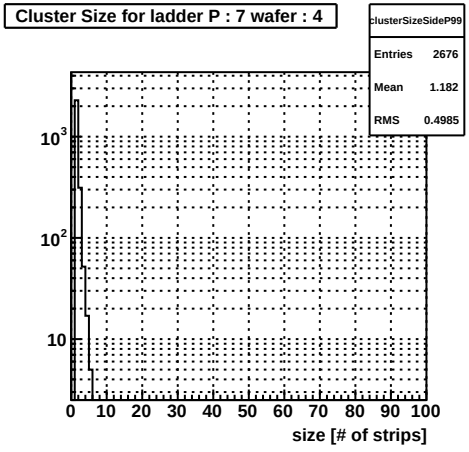

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 10633
Mean 1.049
RMS 0.2679
size [# of strips]

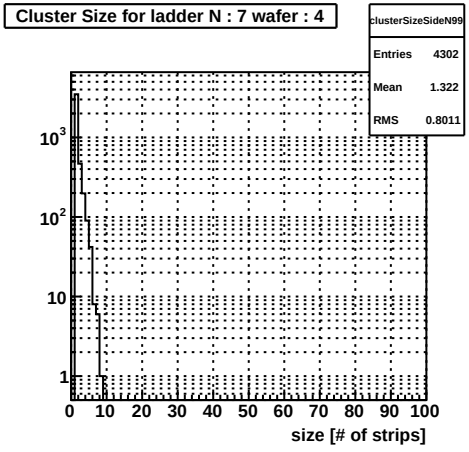

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 4814
Mean 1.084
RMS 0.4997
size [# of strips]

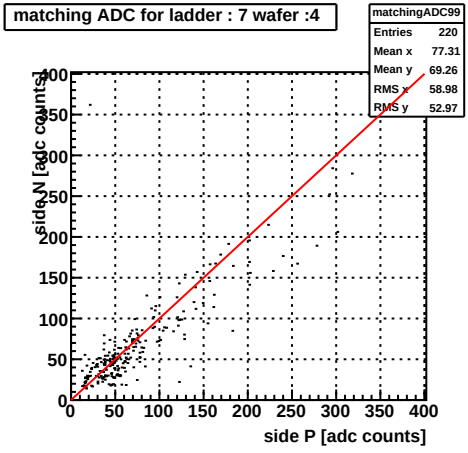

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 707
Mean x 57.65
Mean y 46.74
RMS x 59.05
RMS y 48.26
side N [adc counts]
side P [adc counts]

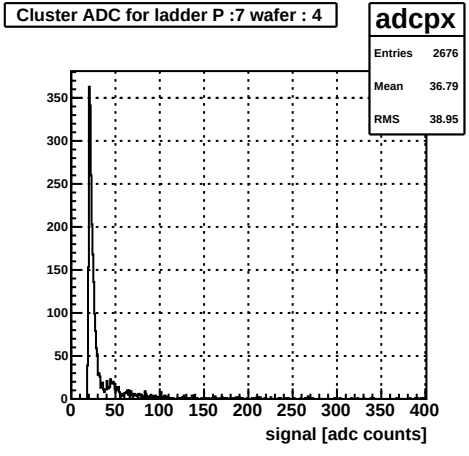

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 10633
Mean 27.58
RMS 28.56
signal [adc counts]

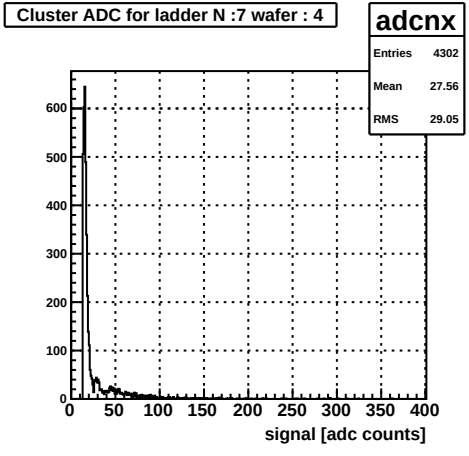

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 4814
Mean 24.51
RMS 26.49
signal [adc counts]

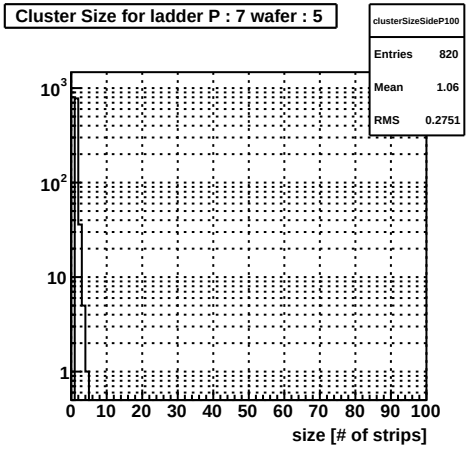

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2676
Mean 1.182
RMS 0.4985
size [# of strips]

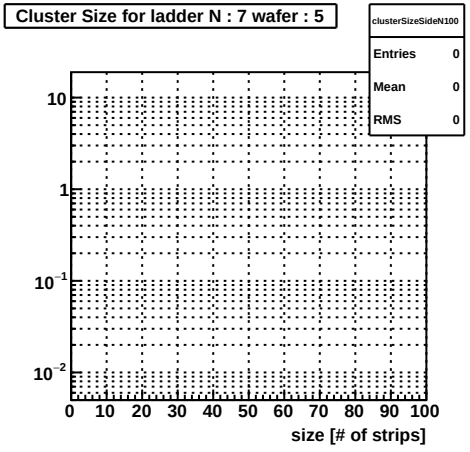

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4302
Mean 1.322
RMS 0.8011
size [# of strips]

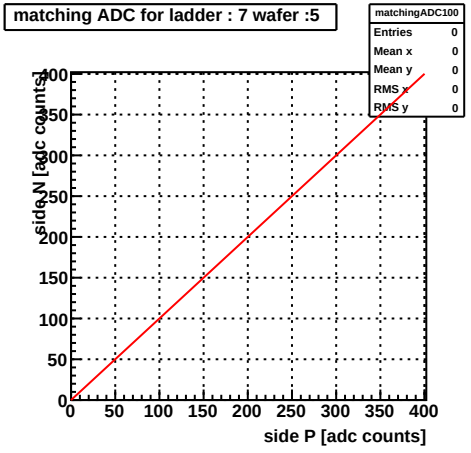

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 220
Mean x 77.31
Mean y 69.26
RMS x 58.98
RMS y 52.97
side N [adc counts]
side P [adc counts]

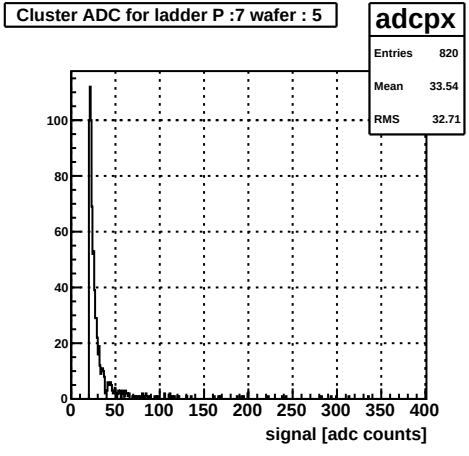

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2676
Mean 36.79
RMS 38.95
signal [adc counts]

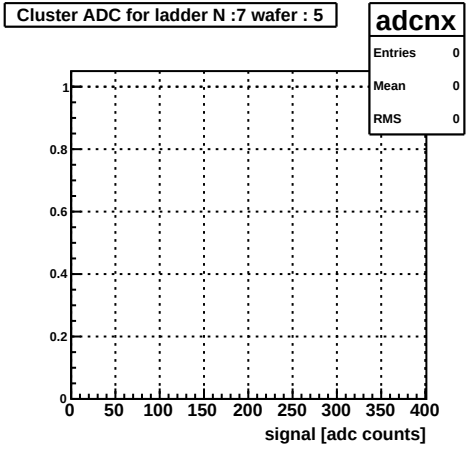

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4302
Mean 27.56
RMS 29.05
signal [adc counts]

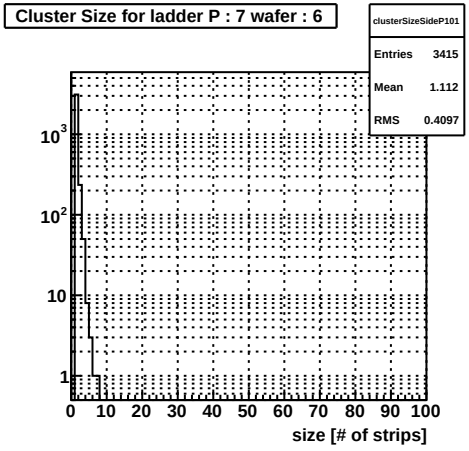

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 820
Mean 1.06
RMS 0.2751
size [# of strips]

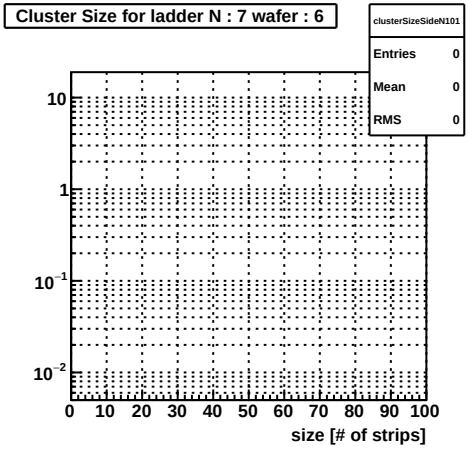

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

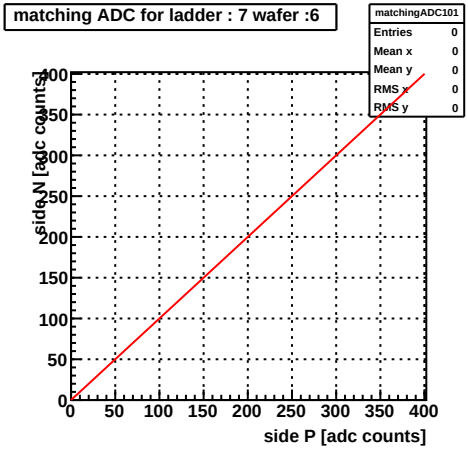

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

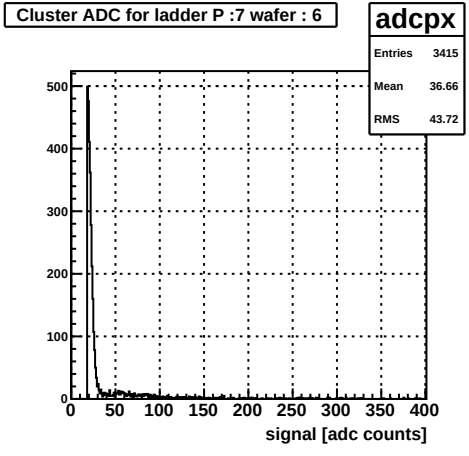

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 820
Mean 33.54
RMS 32.71
signal [adc counts]

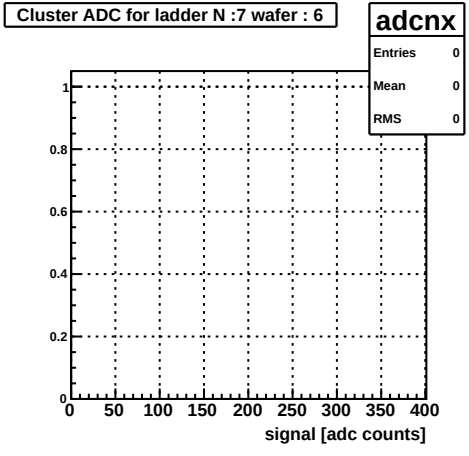

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

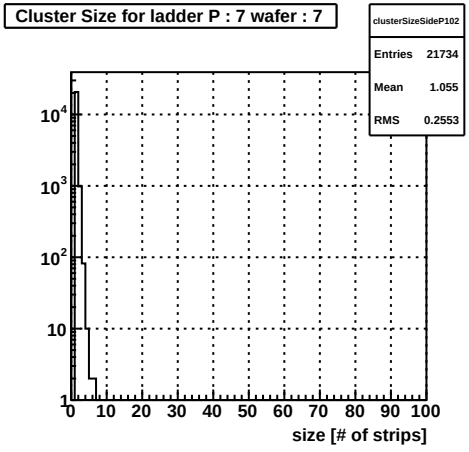

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3415
Mean 1.112
RMS 0.4097
size [# of strips]

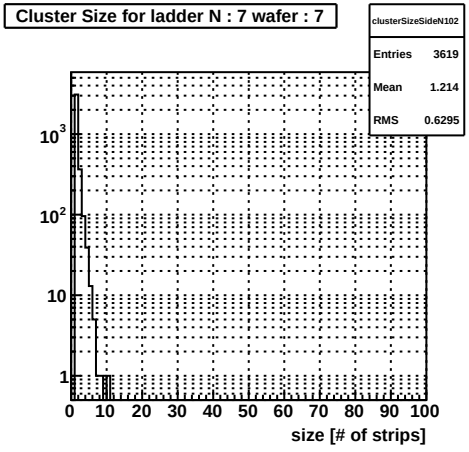

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

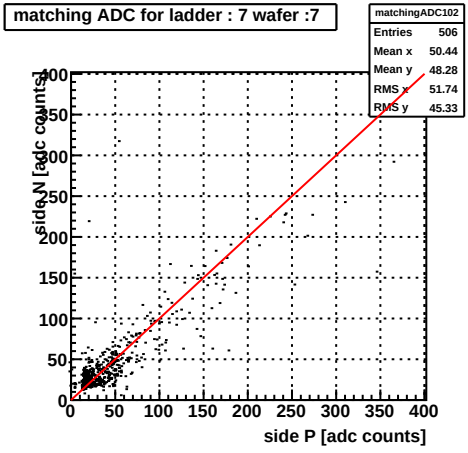

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

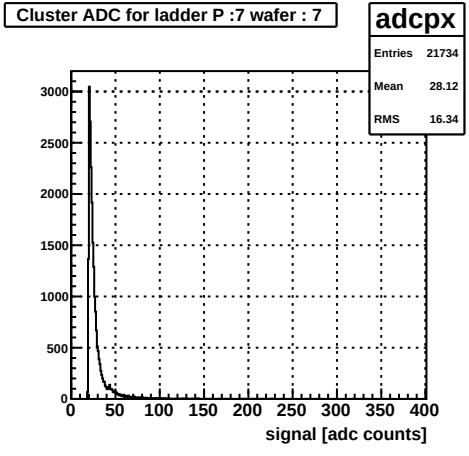

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3415
Mean 36.66
RMS 43.72
signal [adc counts]

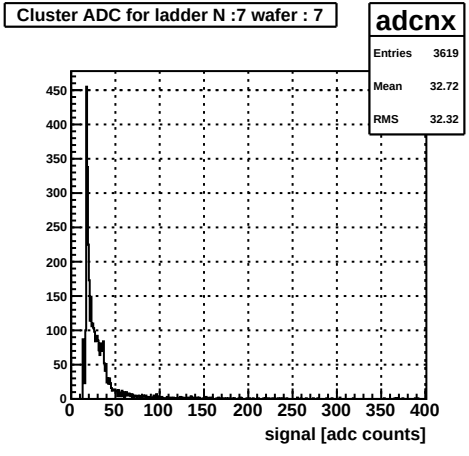

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

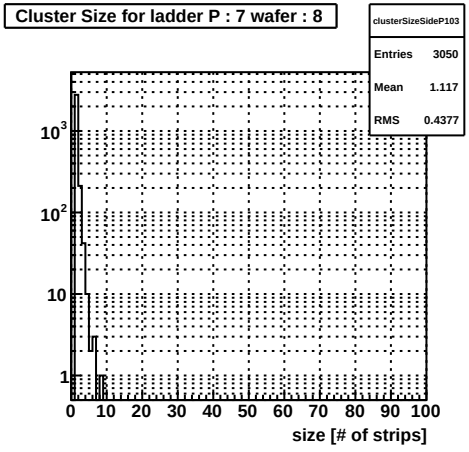

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 21734
Mean 1.055
RMS 0.2553
size [# of strips]

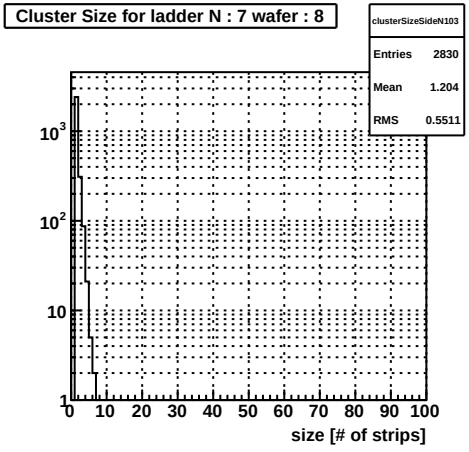

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3619
Mean 1.214
RMS 0.6295
size [# of strips]

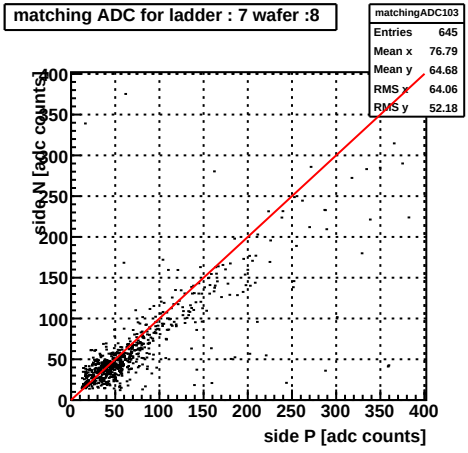

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 506
Mean x 50.44
Mean y 48.28
RMS x 51.74
RMS y 45.33
side N [adc counts]
side P [adc counts]

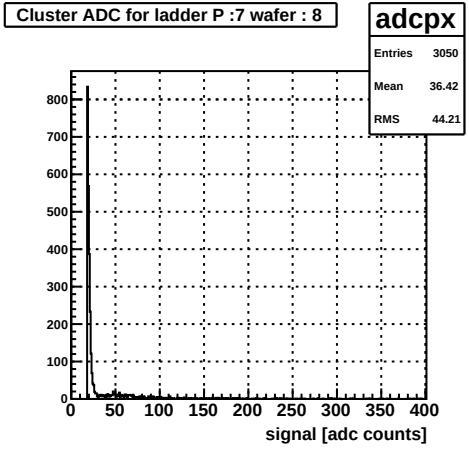

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 21734
Mean 28.12
RMS 16.34
signal [adc counts]

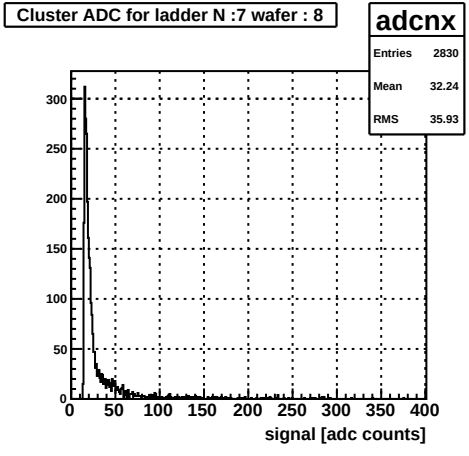

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3619
Mean 32.72
RMS 32.32
signal [adc counts]

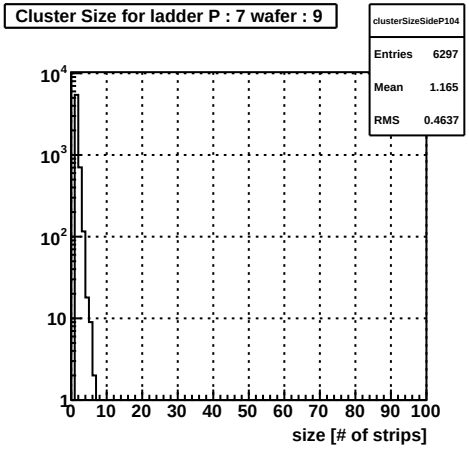

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3050
Mean 1.117
RMS 0.4377
size [# of strips]

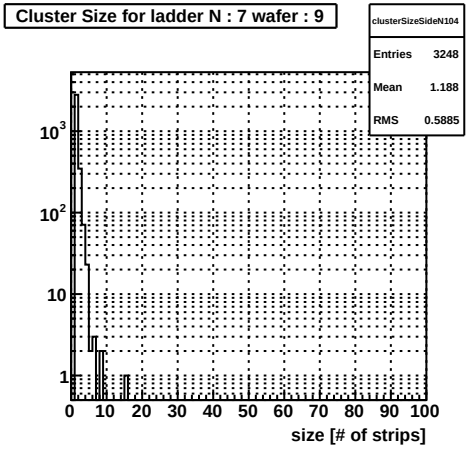

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2830
Mean 1.204
RMS 0.5511
size [# of strips]

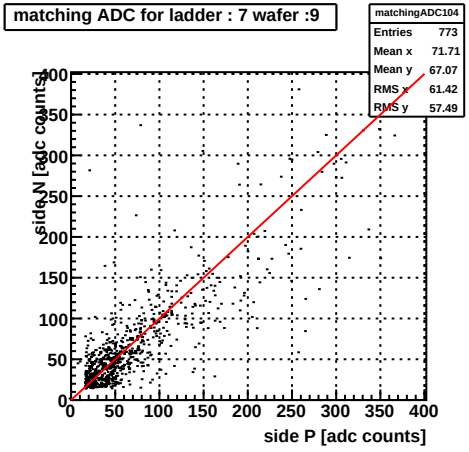

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 645
Mean x 76.79
Mean y 64.68
RMS x 64.06
RMS y 52.18
side N [adc counts]
side P [adc counts]

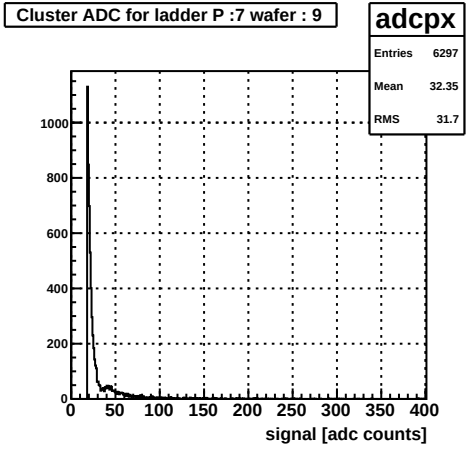

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3050
Mean 36.42
RMS 44.21
signal [adc counts]

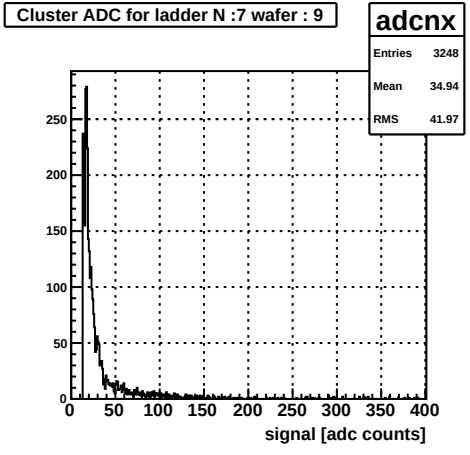

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2830
Mean 32.24
RMS 35.93
signal [adc counts]

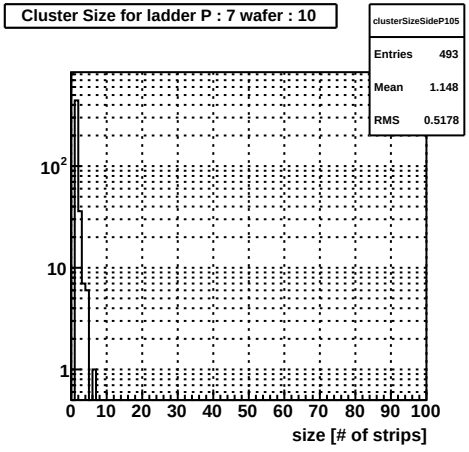

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6297
Mean 1.165
RMS 0.4637
size [# of strips]

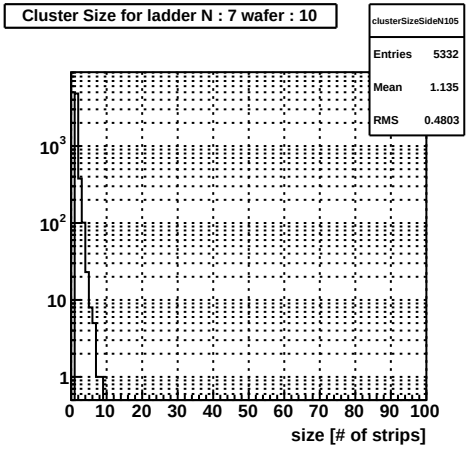

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3248
Mean 1.188
RMS 0.5885
size [# of strips]

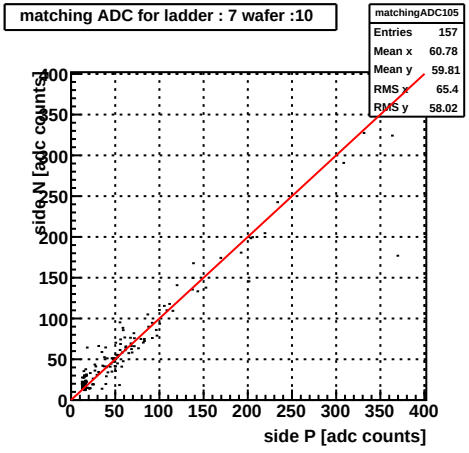

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 773
Mean x 71.71
Mean y 67.07
RMS x 61.42
RMS y 57.49
side N [adc counts]
side P [adc counts]

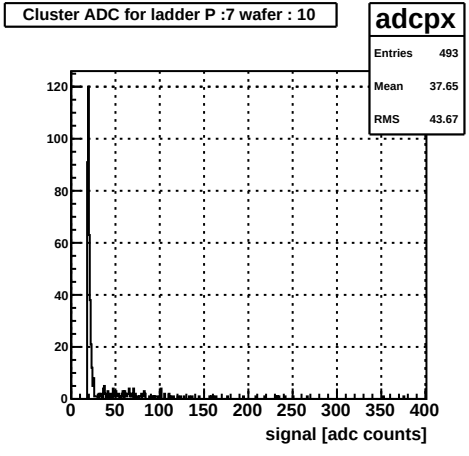

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6297
Mean 32.35
RMS 31.7
signal [adc counts]

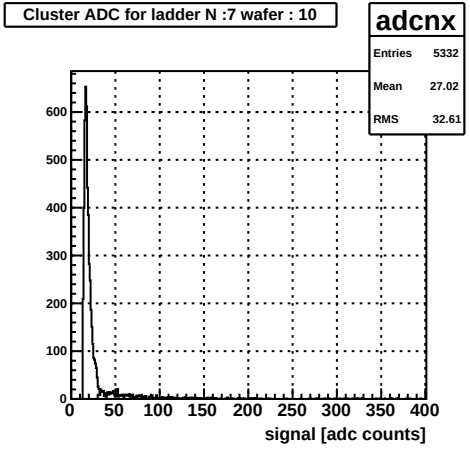

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3248
Mean 34.94
RMS 41.97
signal [adc counts]

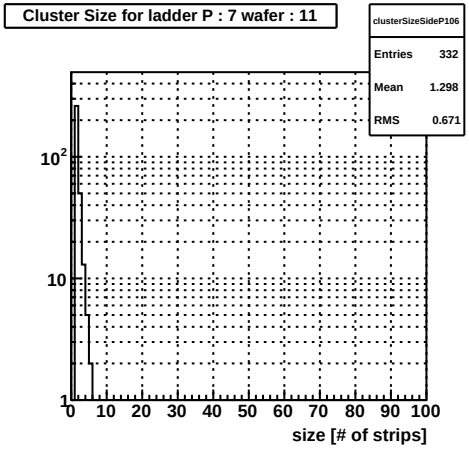

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 493
Mean 1.148
RMS 0.5178
size [# of strips]

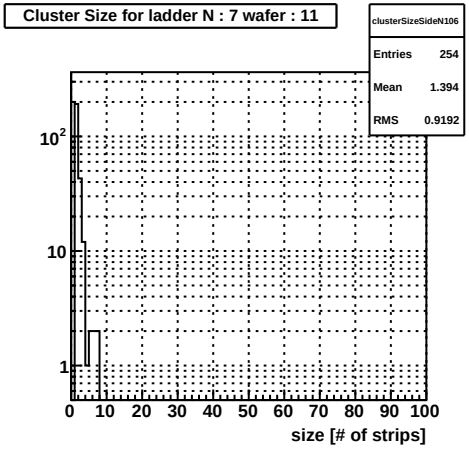

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5332
Mean 1.135
RMS 0.4803
size [# of strips]

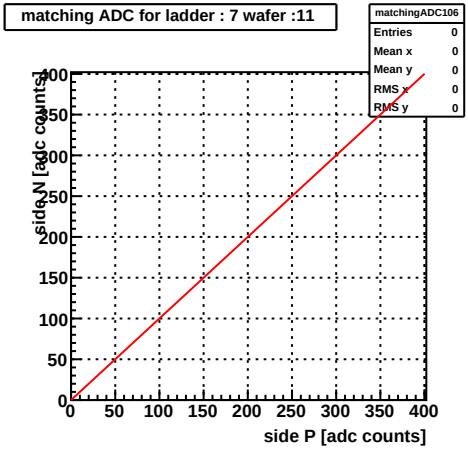

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 157
Mean x 60.78
Mean y 59.81
RMS x 65.4
RMS y 58.02
side N [adc counts]
side P [adc counts]

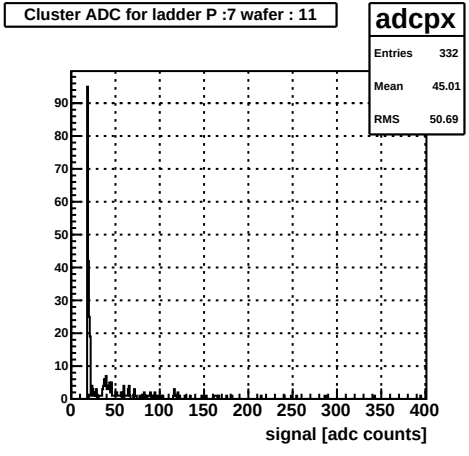

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 493
Mean 37.65
RMS 43.67
signal [adc counts]

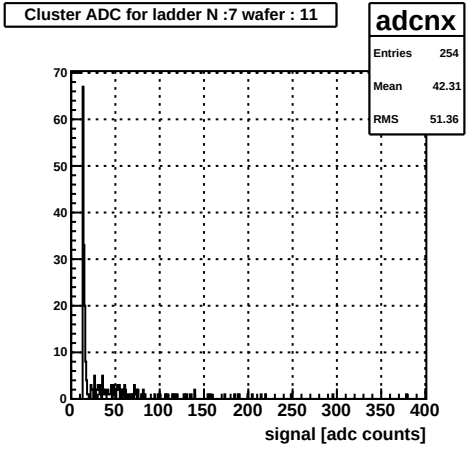

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5332
Mean 27.02
RMS 32.61
signal [adc counts]

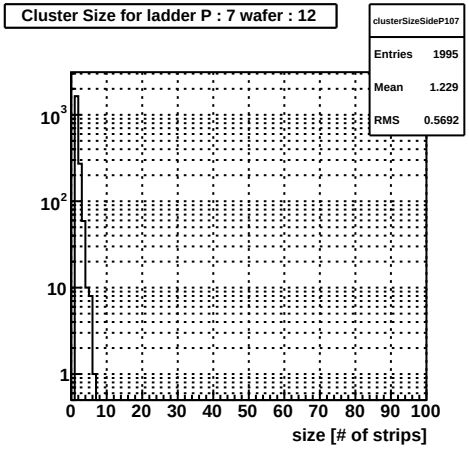

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 332
Mean 1.298
RMS 0.671
size [# of strips]

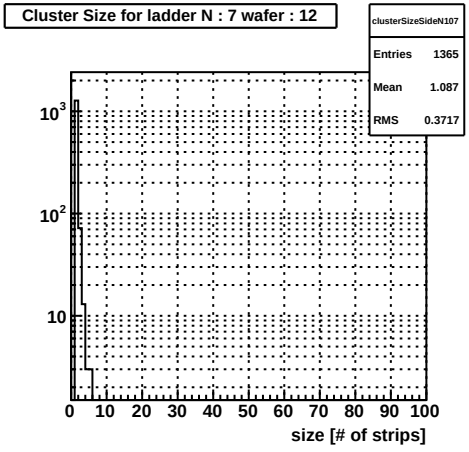

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 254
Mean 1.394
RMS 0.9192
size [# of strips]

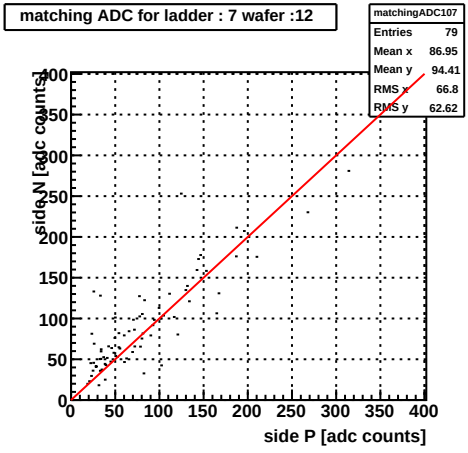

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

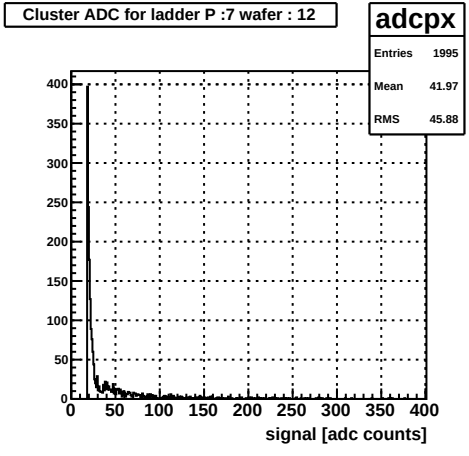

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 332
Mean 45.01
RMS 50.69
signal [adc counts]

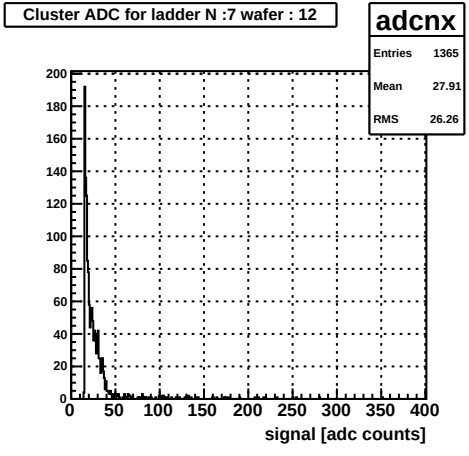

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 254
Mean 42.31
RMS 51.36
signal [adc counts]

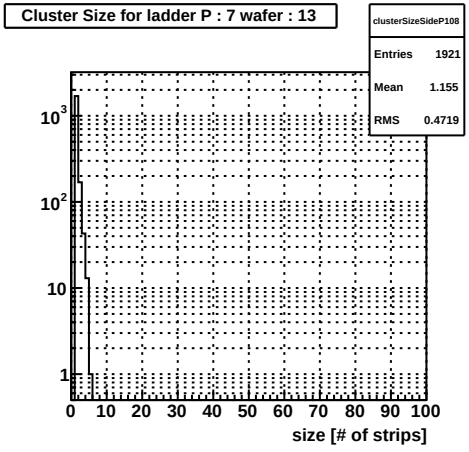

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1995
Mean 1.229
RMS 0.5692
size [# of strips]

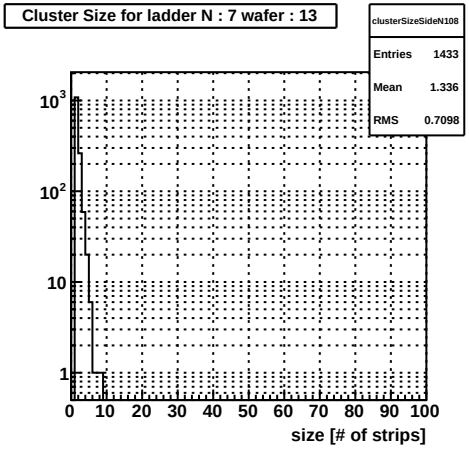

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1365
Mean 1.087
RMS 0.3717
size [# of strips]

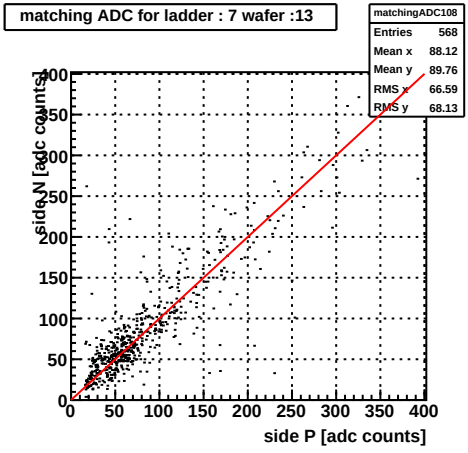

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 79
Mean x 86.95
Mean y 94.41
RMS x 66.8
RMS y 62.62
side N [adc counts]
side P [adc counts]

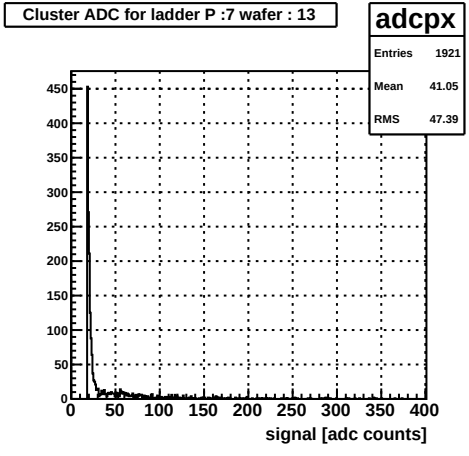

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1995
Mean 41.97
RMS 45.88
signal [adc counts]

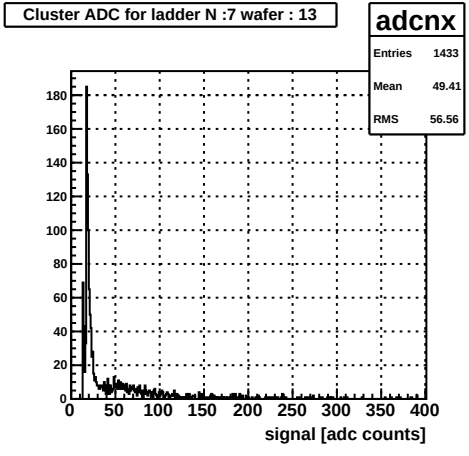

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1365
Mean 27.91
RMS 26.26
signal [adc counts]

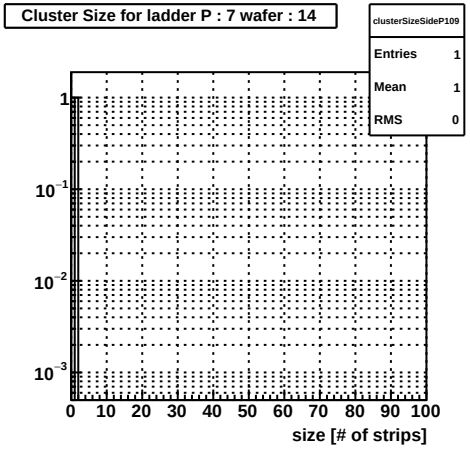

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1921
Mean 1.155
RMS 0.4719
size [# of strips]

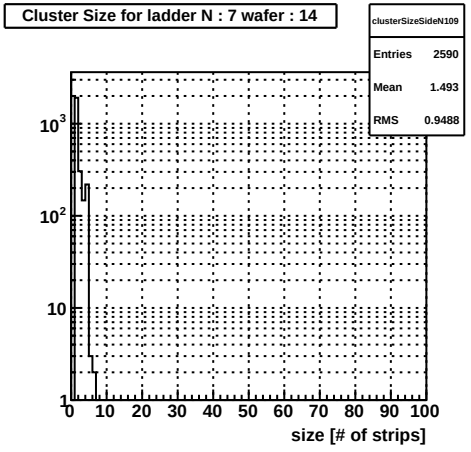

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1433
Mean 1.336
RMS 0.7098
size [# of strips]

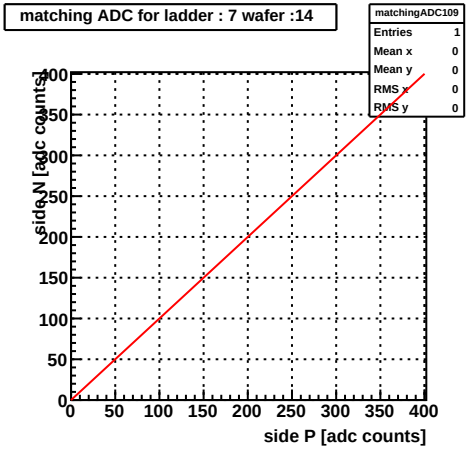

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 568
Mean x 88.12
Mean y 89.76
RMS x 66.59
RMS y 68.13
side N [adc counts]
side P [adc counts]

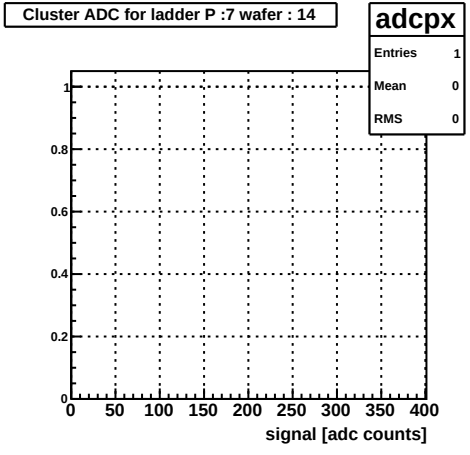

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1921
Mean 41.05
RMS 47.39
signal [adc counts]

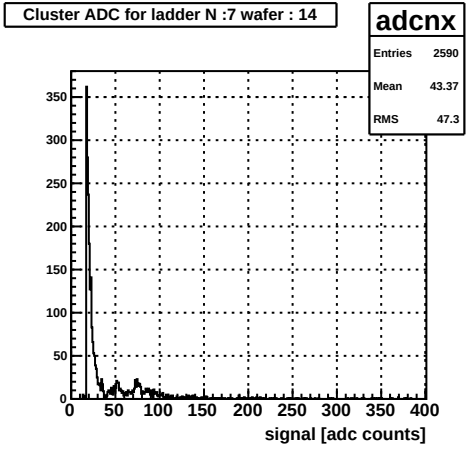

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1433
Mean 49.41
RMS 56.56
signal [adc counts]

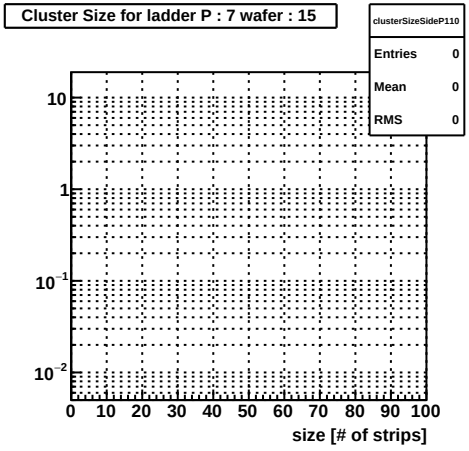

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1
Mean 1
RMS 0
size [# of strips]

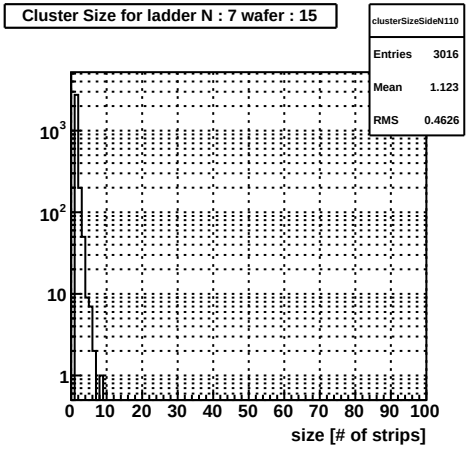

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2590
Mean 1.493
RMS 0.9488
size [# of strips]

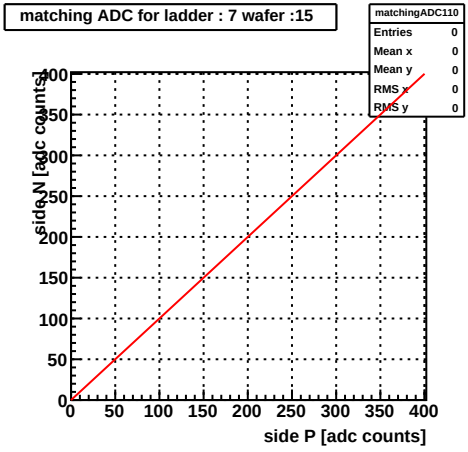

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

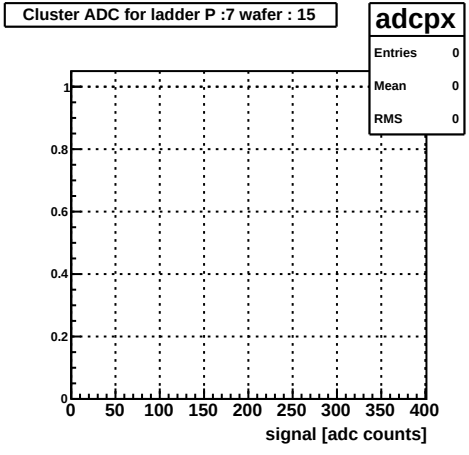

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

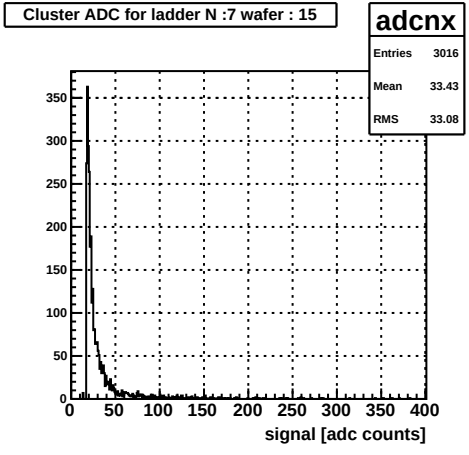

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2590
Mean 43.37
RMS 47.3
signal [adc counts]

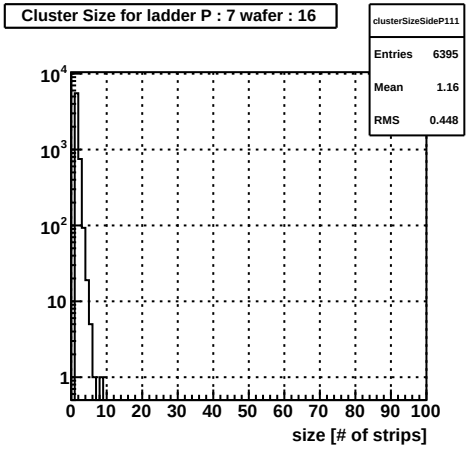

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

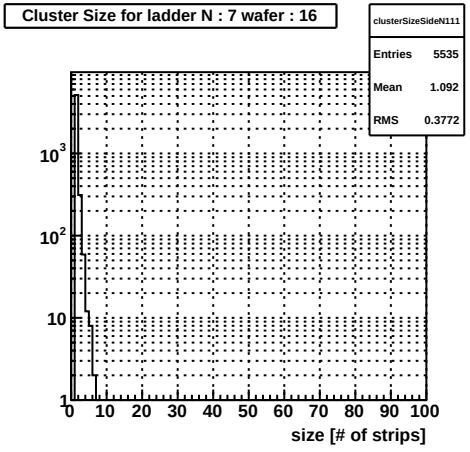

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3016
Mean 1.123
RMS 0.4626
size [# of strips]

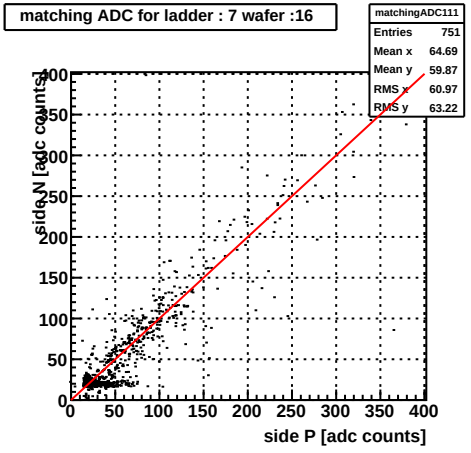

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

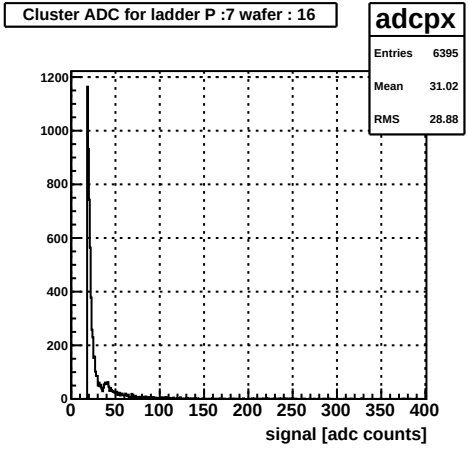

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

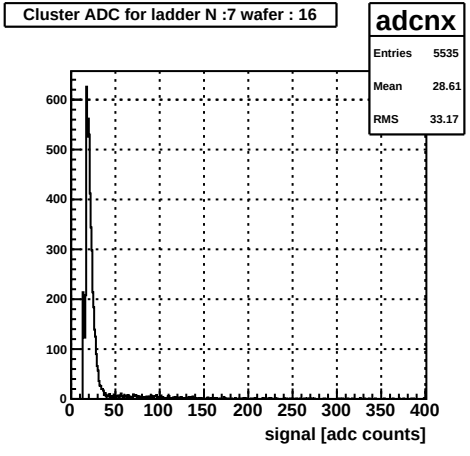

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3016
Mean 33.43
RMS 33.08
signal [adc counts]

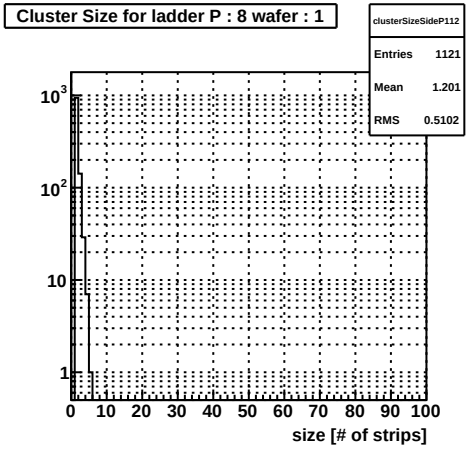

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 6395
Mean 1.16
RMS 0.448
size [# of strips]

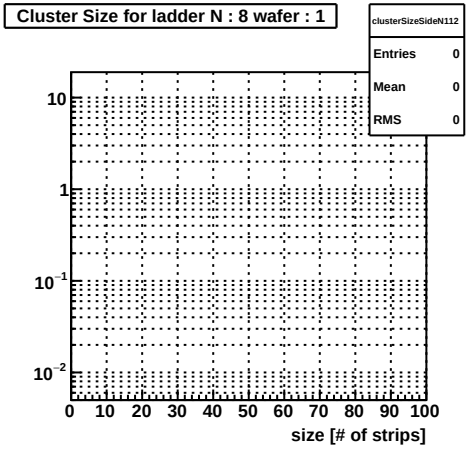

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5535
Mean 1.092
RMS 0.3772
size [# of strips]

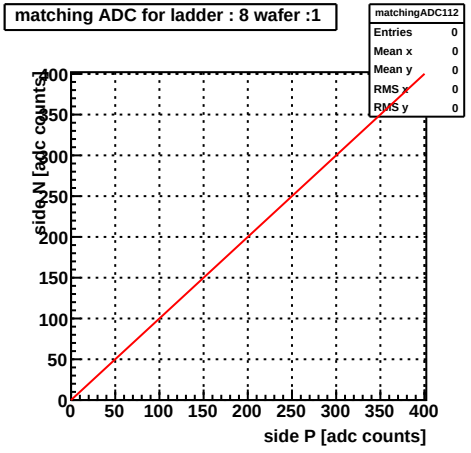

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 751
Mean x 64.69
Mean y 59.87
RMS x 60.97
RMS y 63.22
side N [adc counts]
side P [adc counts]

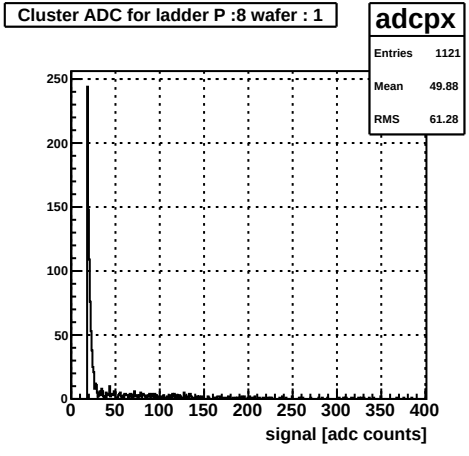

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 6395
Mean 31.02
RMS 28.88
signal [adc counts]

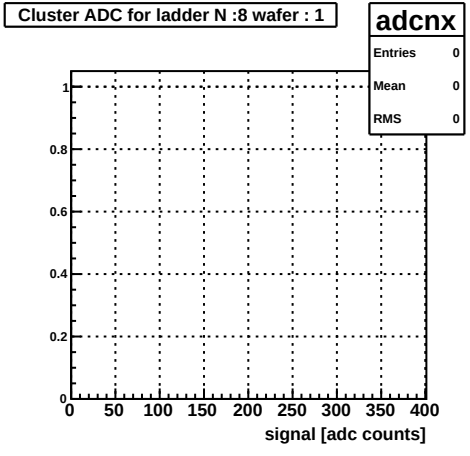

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5535
Mean 28.61
RMS 33.17
signal [adc counts]

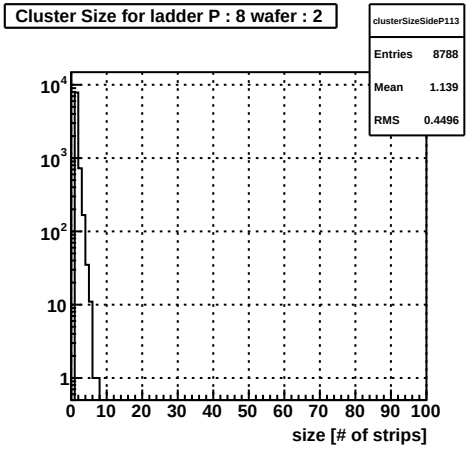

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1121
Mean 1.201
RMS 0.5102
size [# of strips]

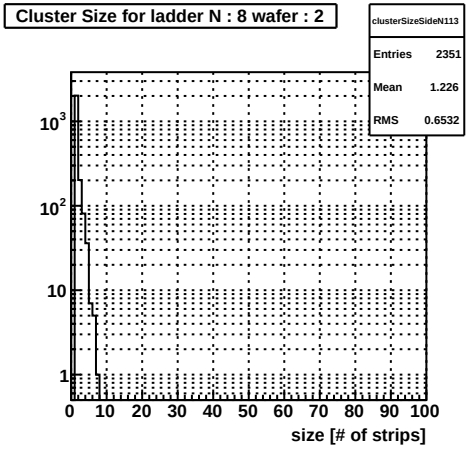

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

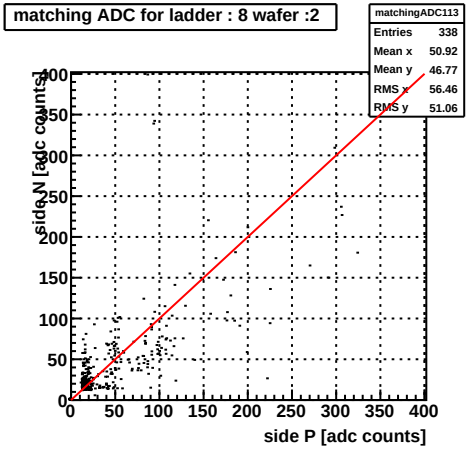

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

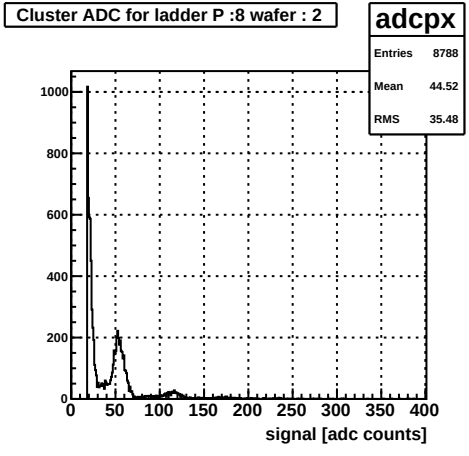

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1121
Mean 49.88
RMS 61.28
signal [adc counts]

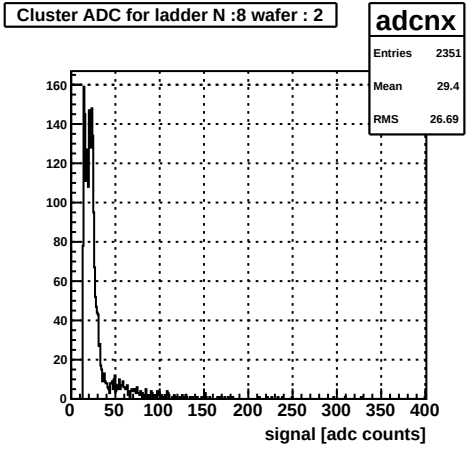

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

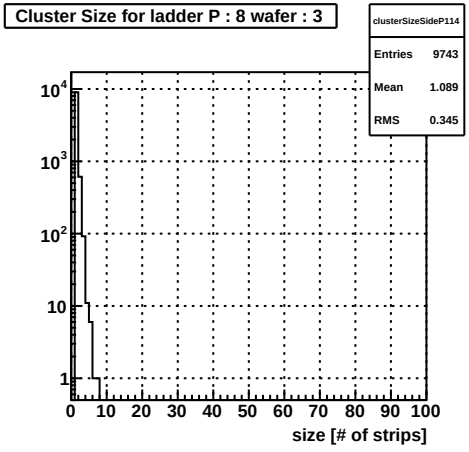

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8788
Mean 1.139
RMS 0.4496
size [# of strips]

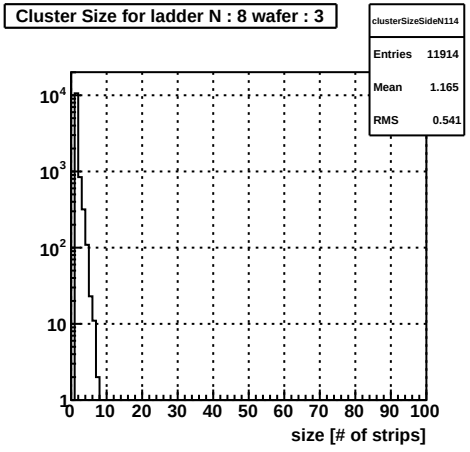

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2351
Mean 1.226
RMS 0.6532
size [# of strips]

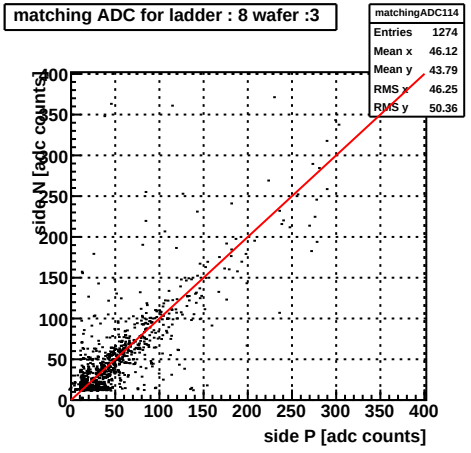

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 338
Mean x 50.92
Mean y 46.77
RMS x 56.46
RMS y 51.06
side N [adc counts]
side P [adc counts]

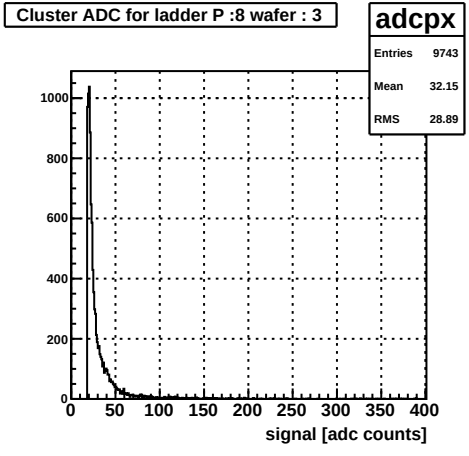

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8788
Mean 44.52
RMS 35.48
signal [adc counts]

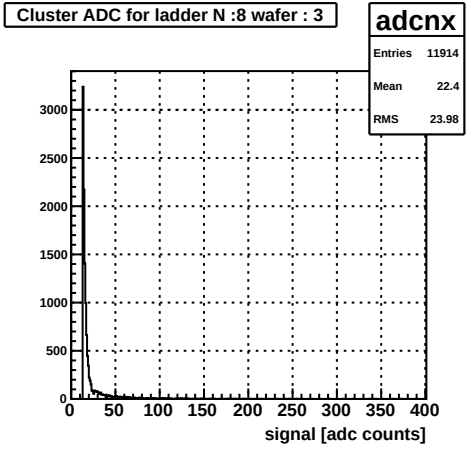

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2351
Mean 29.4
RMS 26.69
signal [adc counts]

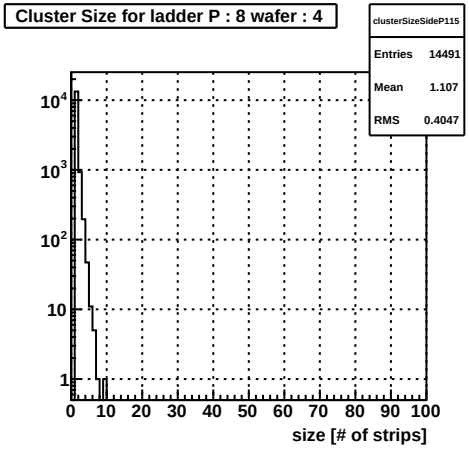

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 9743
Mean 1.089
RMS 0.345
size [# of strips]

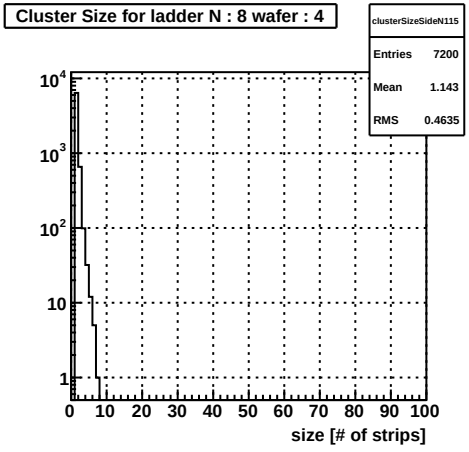

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 11914
Mean 1.165
RMS 0.541
size [# of strips]

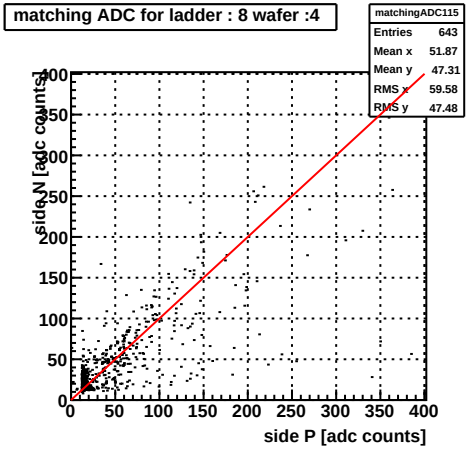

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1274
Mean x 46.12
Mean y 43.79
RMS x 46.25
RMS y 50.36
side N [adc counts]
side P [adc counts]

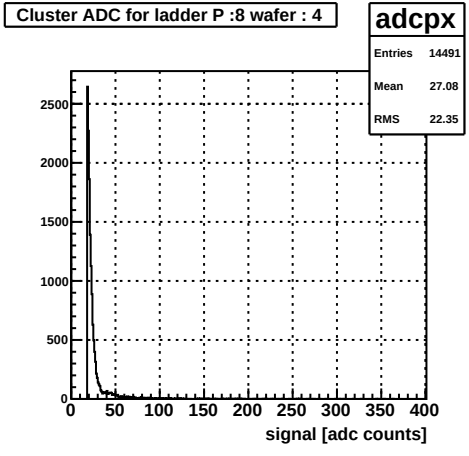

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 9743
Mean 32.15
RMS 28.89
signal [adc counts]

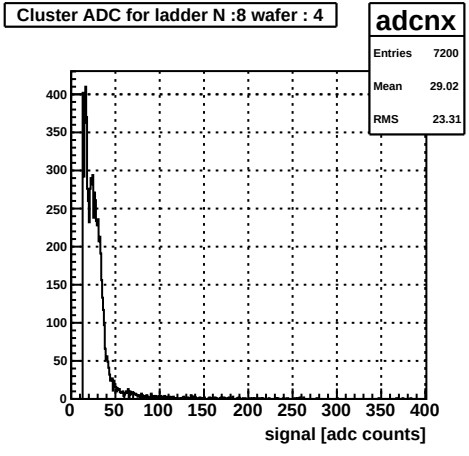

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 11914
Mean 22.4
RMS 23.98
signal [adc counts]

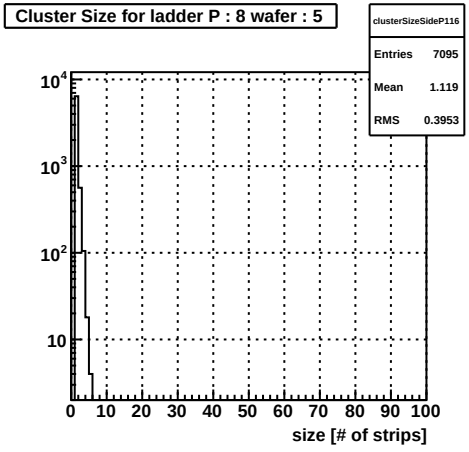

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 14491
Mean 1.107
RMS 0.4047
size [# of strips]

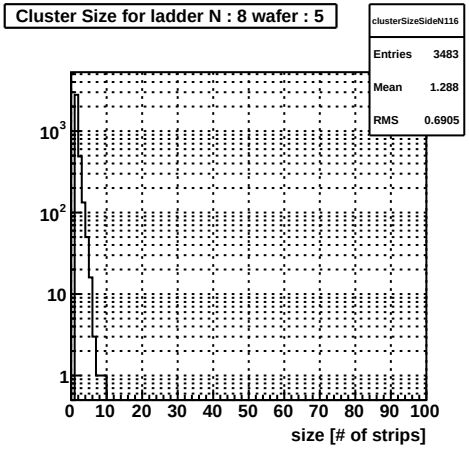

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7200
Mean 1.143
RMS 0.4635
size [# of strips]

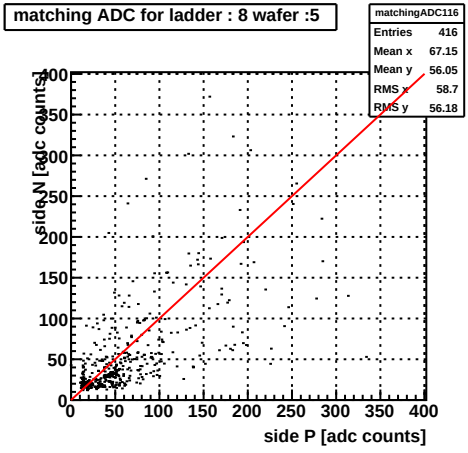

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 643
Mean x 51.87
Mean y 47.31
RMS x 59.58
RMS y 47.48
side N [adc counts]
side P [adc counts]

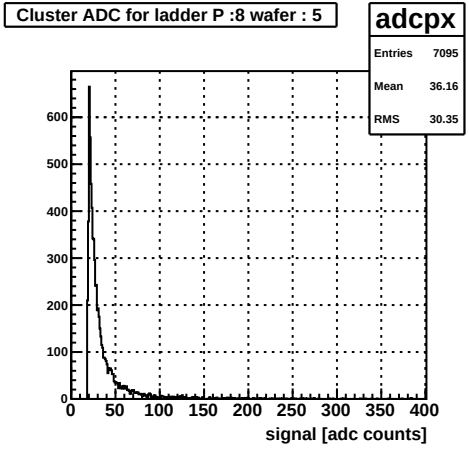

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 14491
Mean 27.08
RMS 22.35
signal [adc counts]

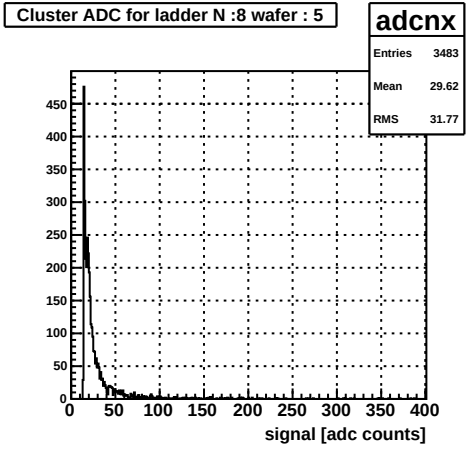

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7200
Mean 29.02
RMS 23.31
signal [adc counts]

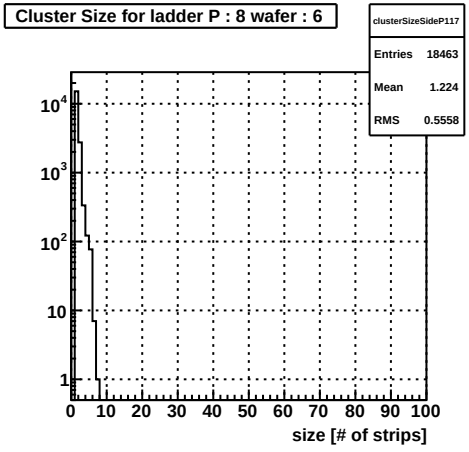

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7095
Mean 1.119
RMS 0.3953
size [# of strips]

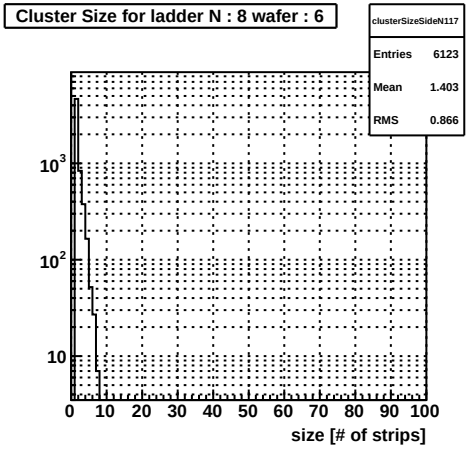

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3483
Mean 1.288
RMS 0.6905
size [# of strips]

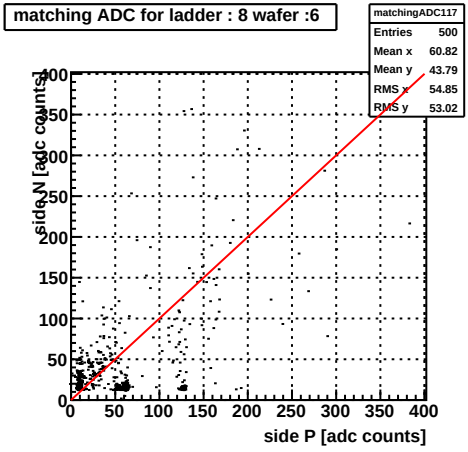

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 416
Mean x 67.15
Mean y 56.05
RMS x 58.7
RMS y 56.18
side N [adc counts]
side P [adc counts]

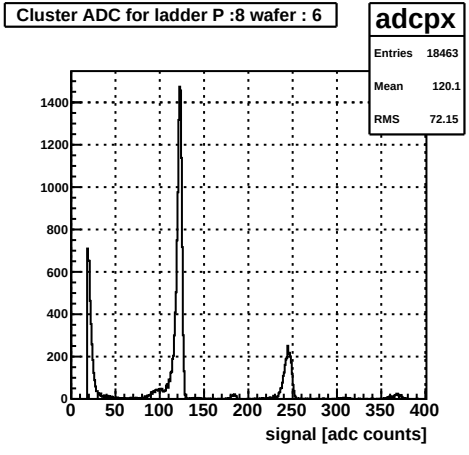

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7095
Mean 36.16
RMS 30.35
signal [adc counts]

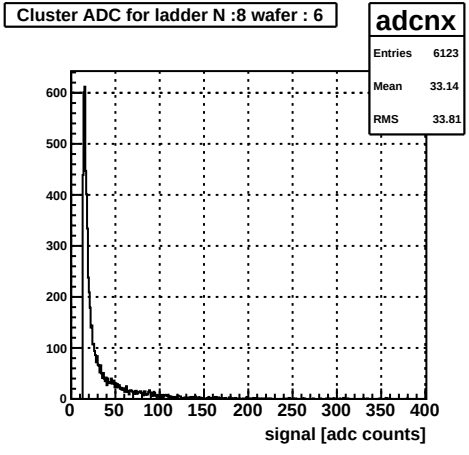

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3483
Mean 29.62
RMS 31.77
signal [adc counts]

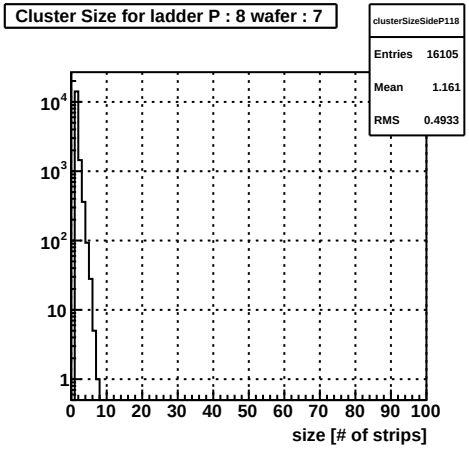

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 18463
Mean 1.224
RMS 0.5558
size [# of strips]

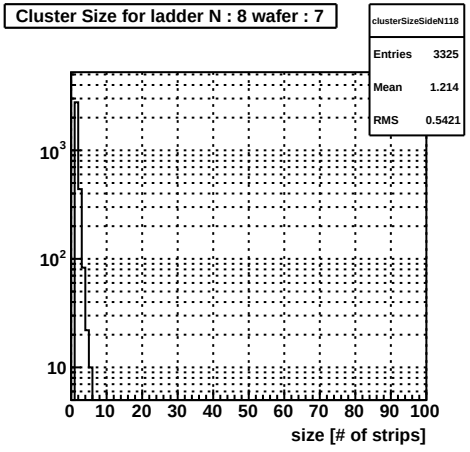

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6123
Mean 1.403
RMS 0.866
size [# of strips]

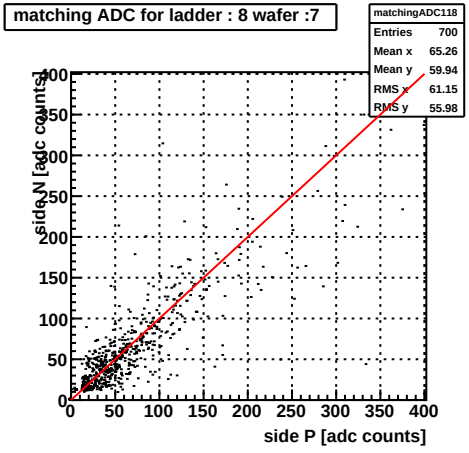

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 500
Mean x 60.82
Mean y 43.79
RMS x 54.85
RMS y 53.02
side N [adc counts]
side P [adc counts]

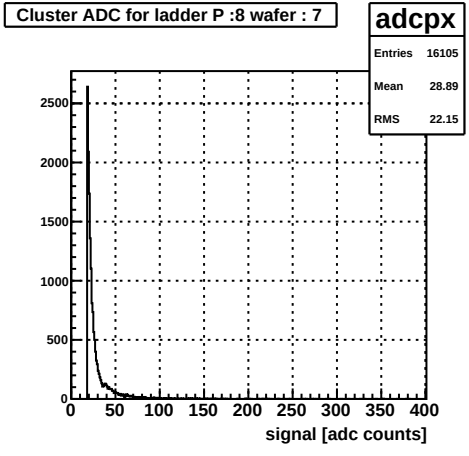

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 18463
Mean 120.1
RMS 72.15
signal [adc counts]

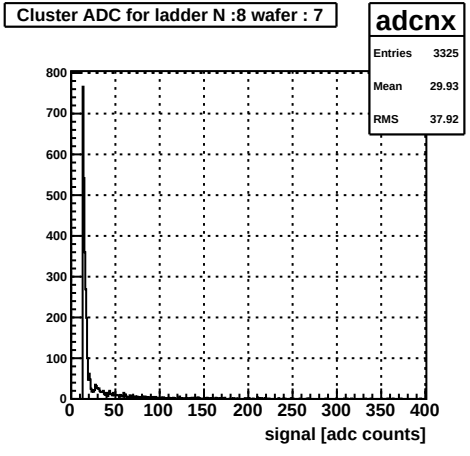

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6123
Mean 33.14
RMS 33.81
signal [adc counts]

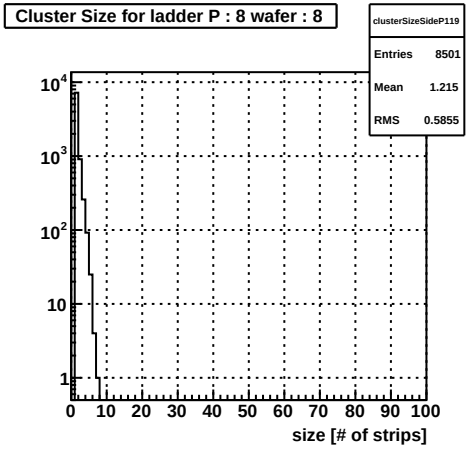

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 16105
Mean 1.161
RMS 0.4933
size [# of strips]

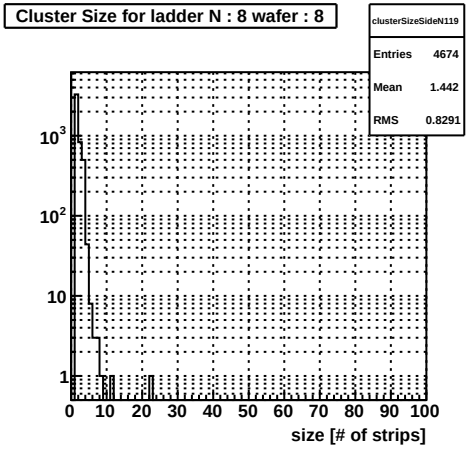

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3325
Mean 1.214
RMS 0.5421
size [# of strips]

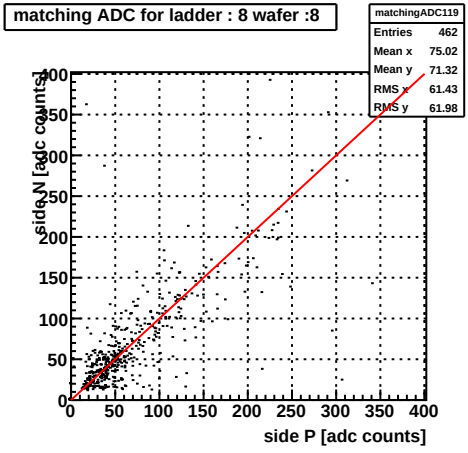

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 700
Mean x 65.26
Mean y 59.94
RMS x 61.15
RMS y 55.98
side N [adc counts]
side P [adc counts]

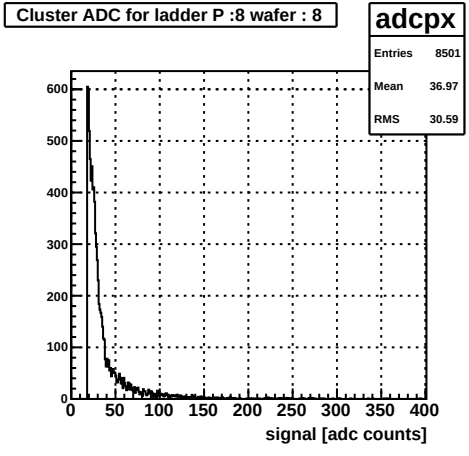

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 16105
Mean 28.89
RMS 22.15
signal [adc counts]

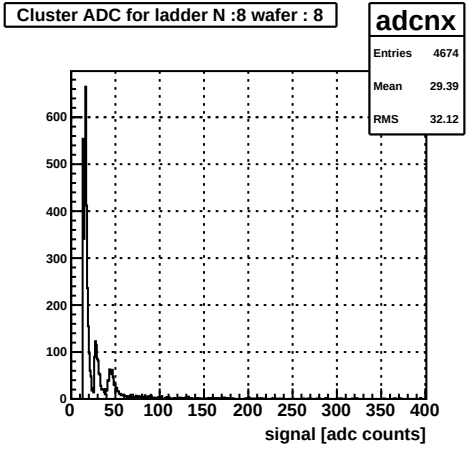

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3325
Mean 29.93
RMS 37.92
signal [adc counts]

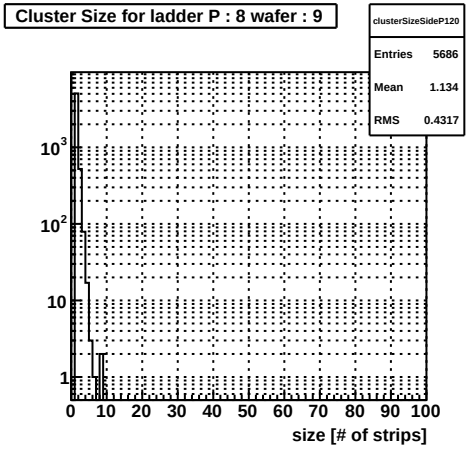

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8501
Mean 1.215
RMS 0.5855
size [# of strips]

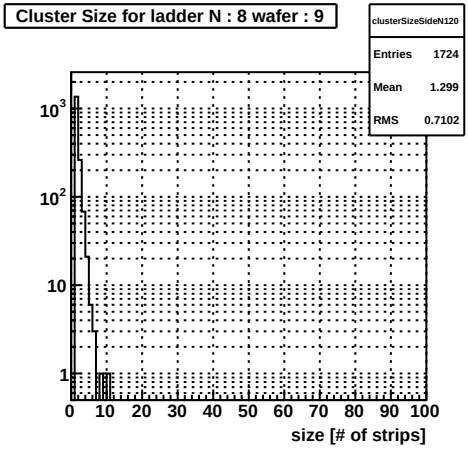

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 4674
Mean 1.442
RMS 0.8291
size [# of strips]

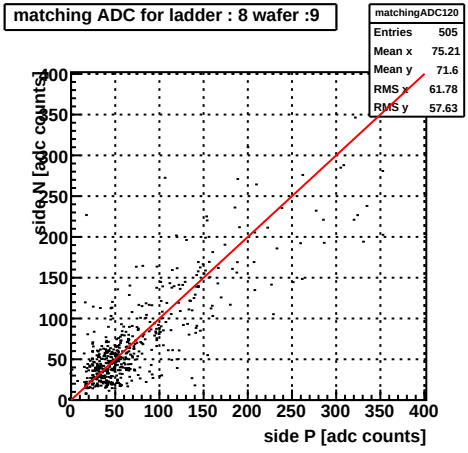

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 462
Mean x 75.02
Mean y 71.32
RMS x 61.43
RMS y 61.98
side N [adc counts]
side P [adc counts]

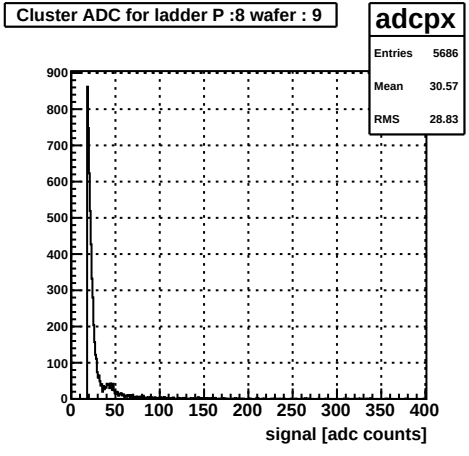

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8501
Mean 36.97
RMS 30.59
signal [adc counts]

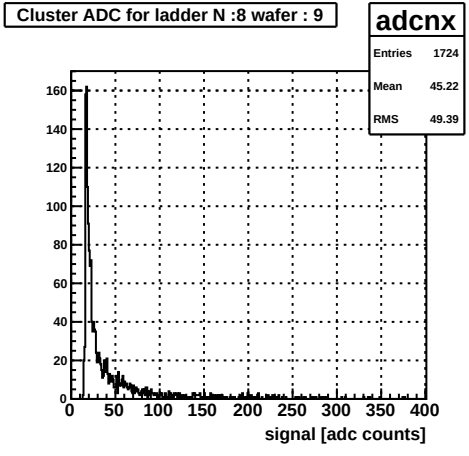

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 4674
Mean 29.39
RMS 32.12
signal [adc counts]

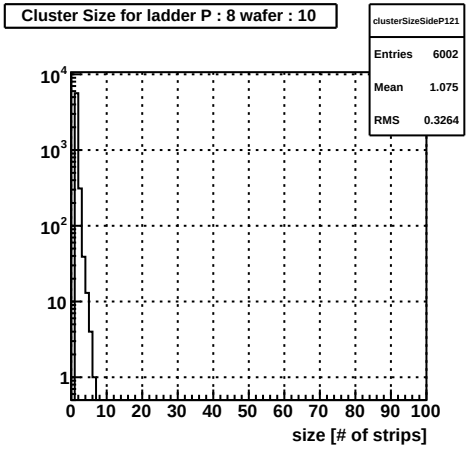

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5686
Mean 1.134
RMS 0.4317
size [# of strips]

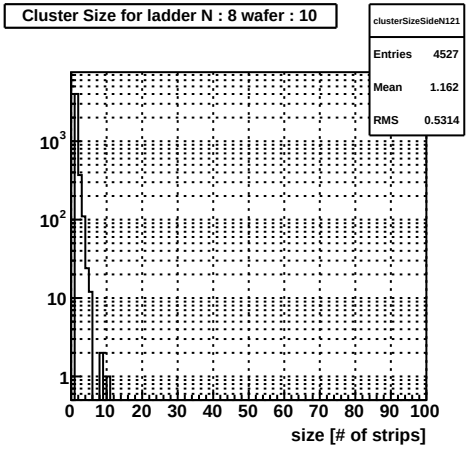

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1724
Mean 1.299
RMS 0.7102
size [# of strips]

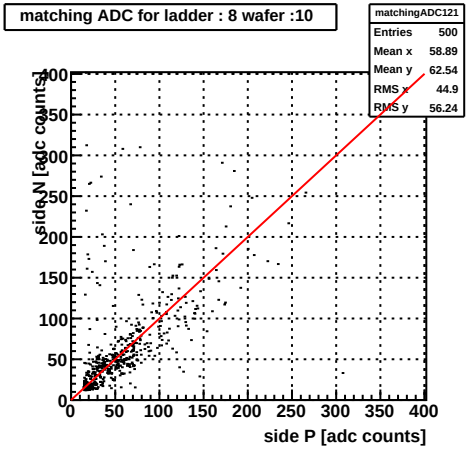

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 505
Mean x 75.21
Mean y 71.6
RMS x 61.78
RMS y 57.63
side N [adc counts]
side P [adc counts]

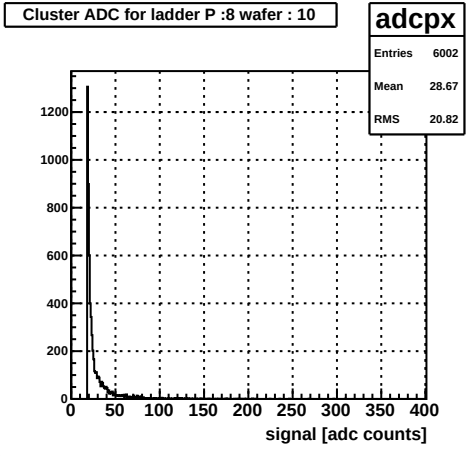

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5686
Mean 30.57
RMS 28.83
signal [adc counts]

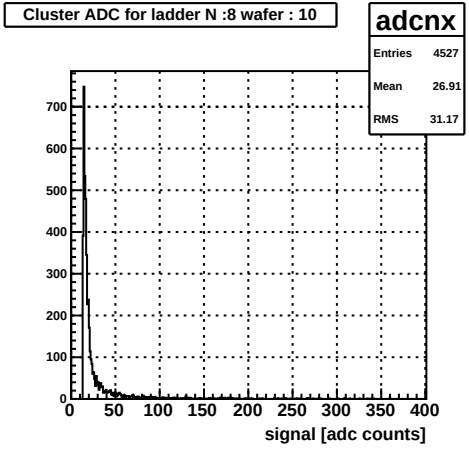

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1724
Mean 45.22
RMS 49.39
signal [adc counts]

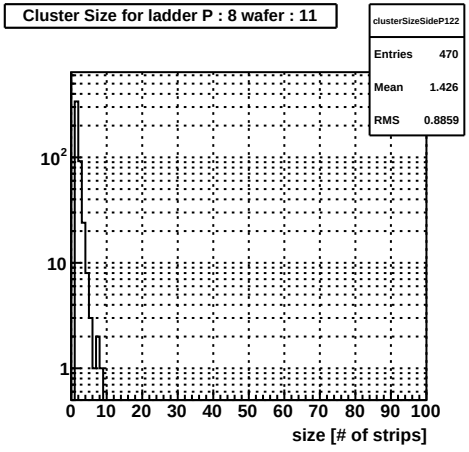

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6002
Mean 1.075
RMS 0.3264
size [# of strips]

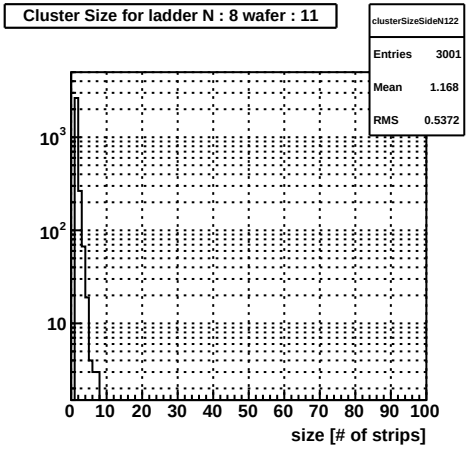

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4527
Mean 1.162
RMS 0.5314
size [# of strips]

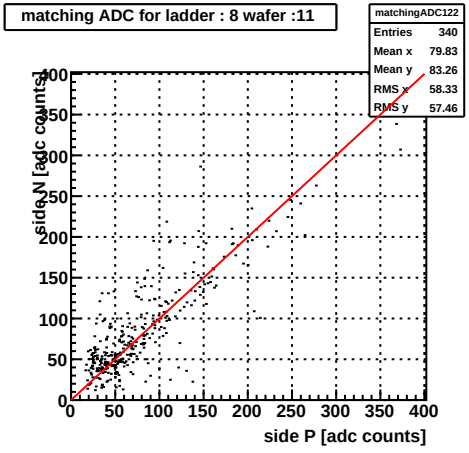

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 500
Mean x 58.89
Mean y 62.54
RMS x 44.9
RMS y 56.24
side N [adc counts]
side P [adc counts]

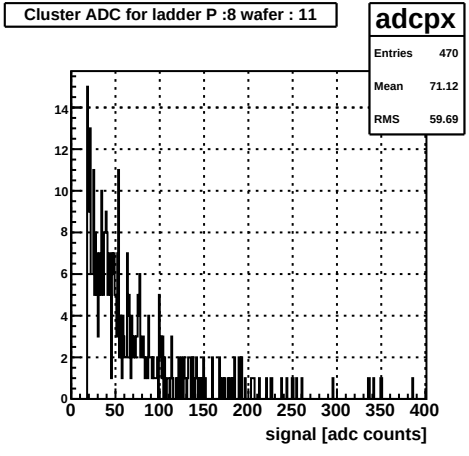

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6002
Mean 28.67
RMS 20.82
signal [adc counts]

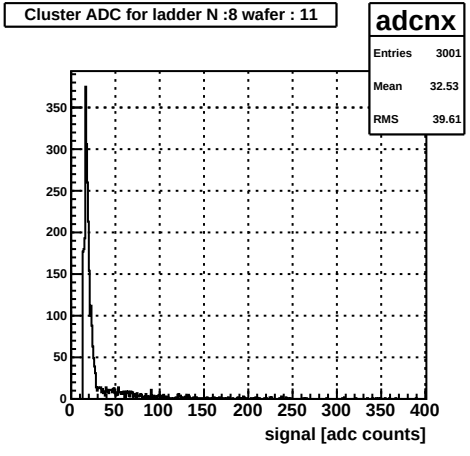

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4527
Mean 26.91
RMS 31.17
signal [adc counts]

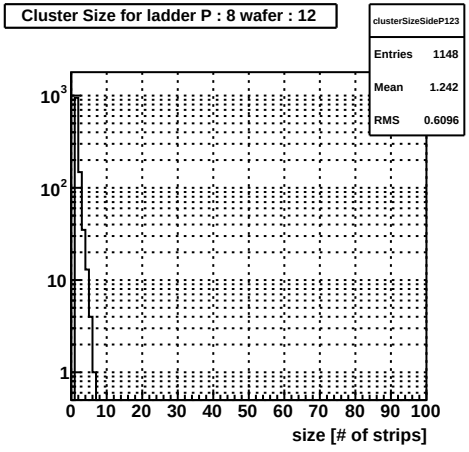

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 470
Mean 1.426
RMS 0.8859
size [# of strips]

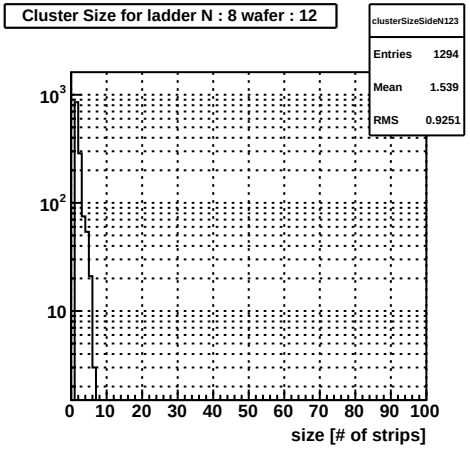

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3001
Mean 1.168
RMS 0.5372
size [# of strips]

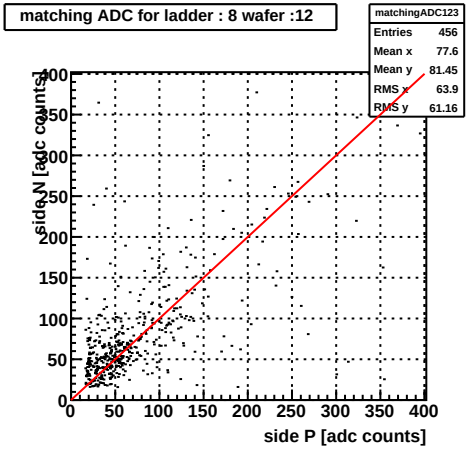

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 340
Mean x 79.83
Mean y 83.26
RMS x 58.33
RMS y 57.46
side N [adc counts]
side P [adc counts]

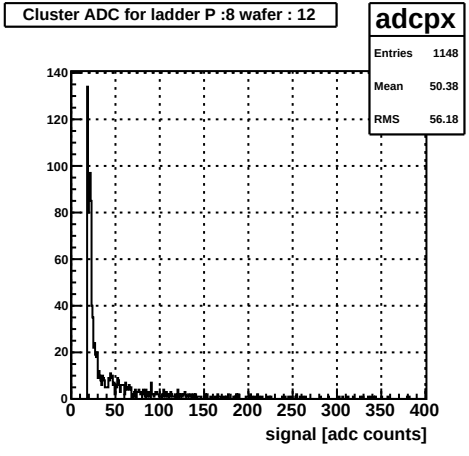

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 470
Mean 71.12
RMS 59.69
signal [adc counts]

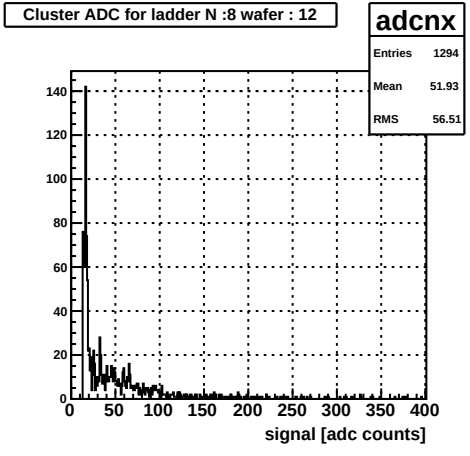

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3001
Mean 32.53
RMS 39.61
signal [adc counts]

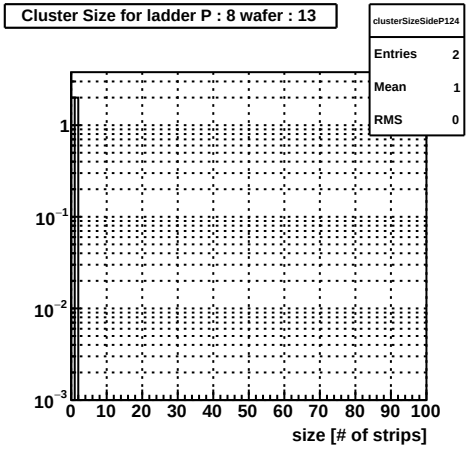

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1148
Mean 1.242
RMS 0.6096
size [# of strips]

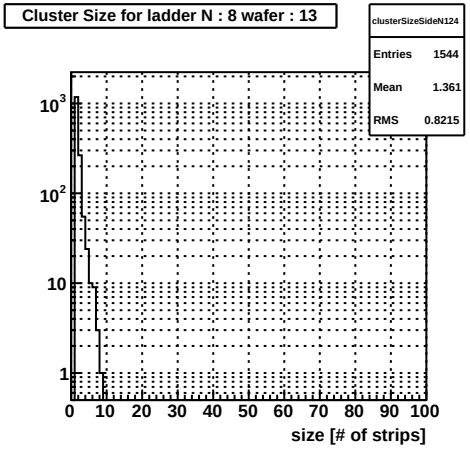

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1294
Mean 1.539
RMS 0.9251
size [# of strips]

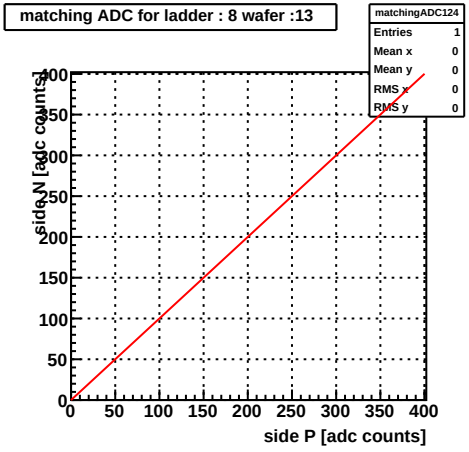

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 456
Mean x 77.6
Mean y 81.45
RMS x 63.9
RMS y 61.16
side N [adc counts]
side P [adc counts]

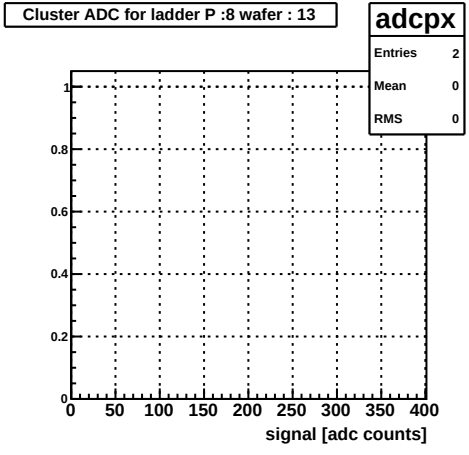

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1148
Mean 50.38
RMS 56.18
signal [adc counts]

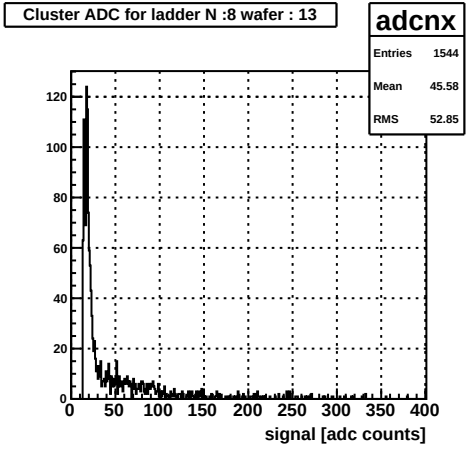

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1294
Mean 51.93
RMS 56.51
signal [adc counts]

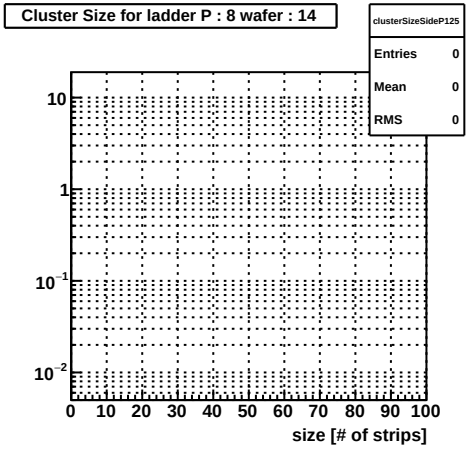

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

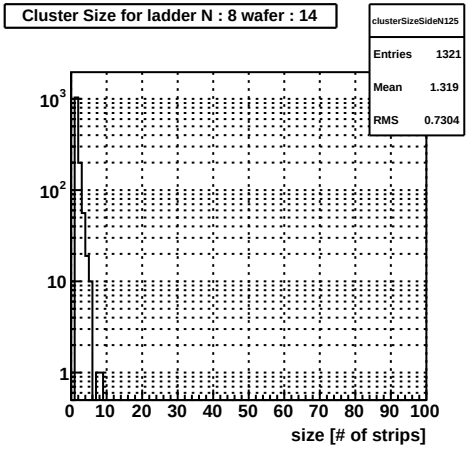

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1544
Mean 1.361
RMS 0.8215
size [# of strips]

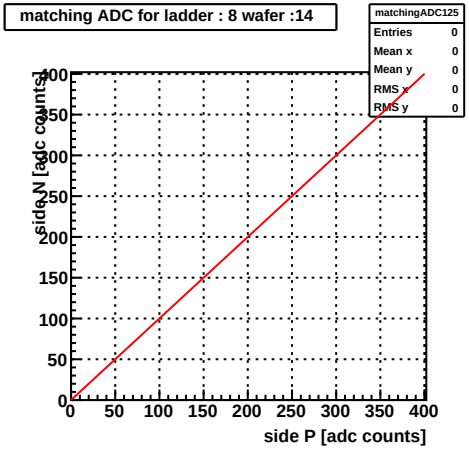

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

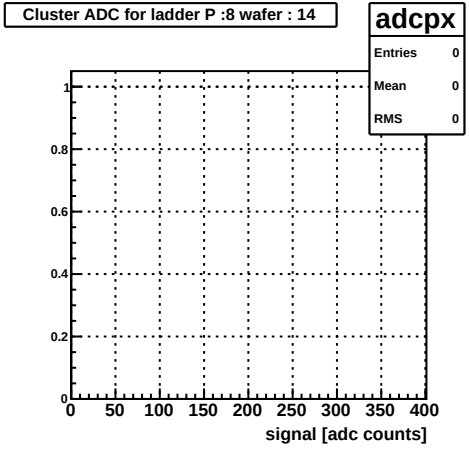

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

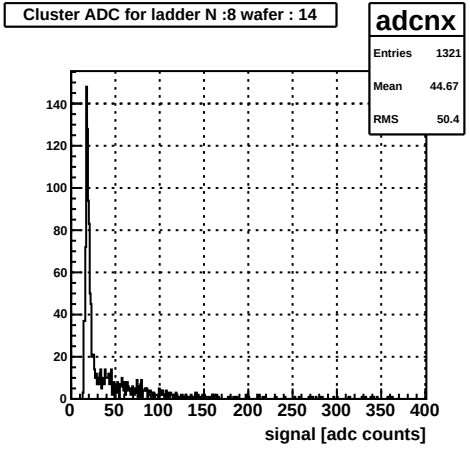

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1544
Mean 45.58
RMS 52.85
signal [adc counts]

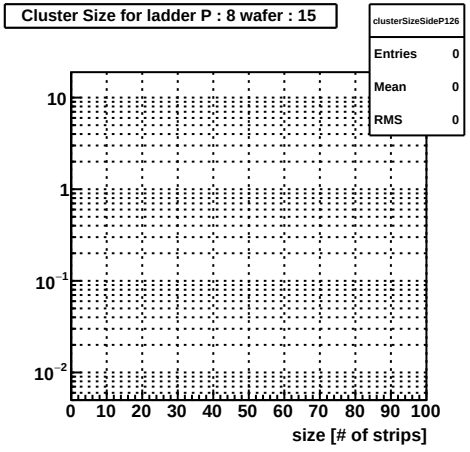

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

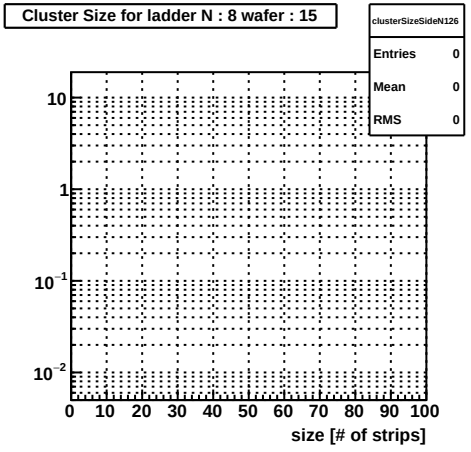

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1321
Mean 1.319
RMS 0.7304
size [# of strips]

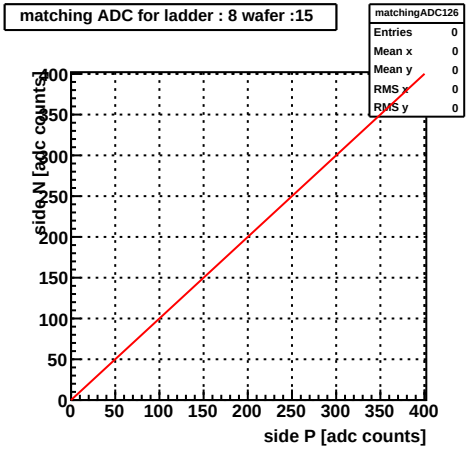

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

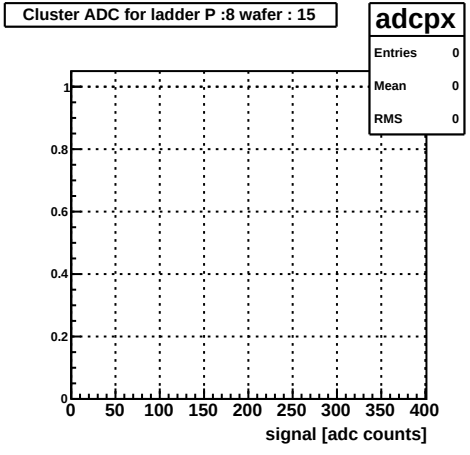

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

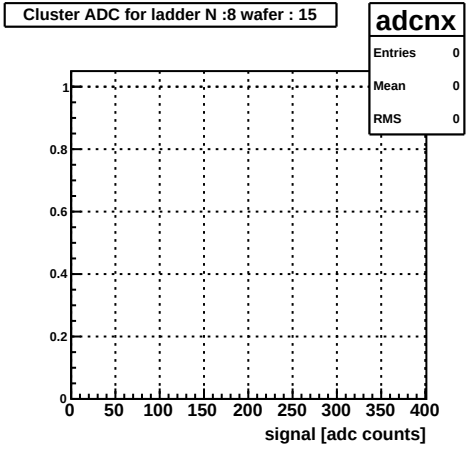

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1321
Mean 44.67
RMS 50.4
signal [adc counts]

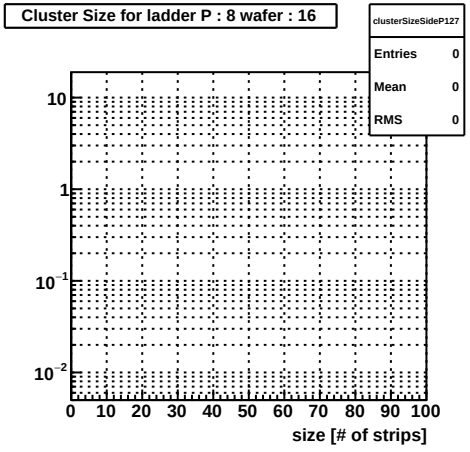

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

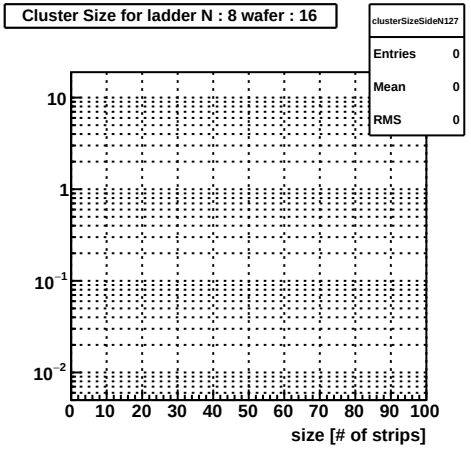

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

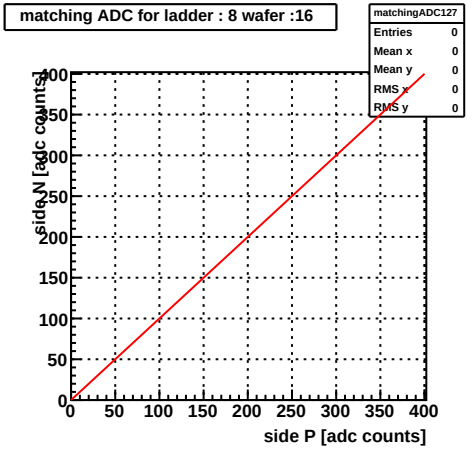

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

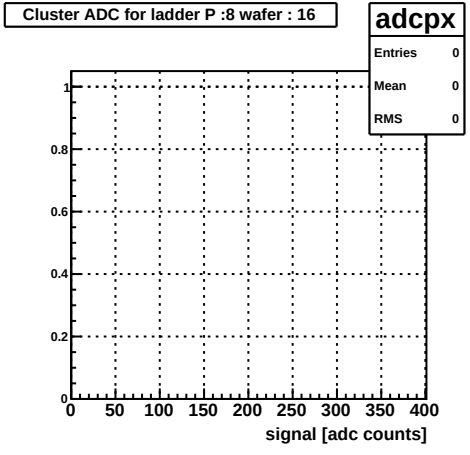

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

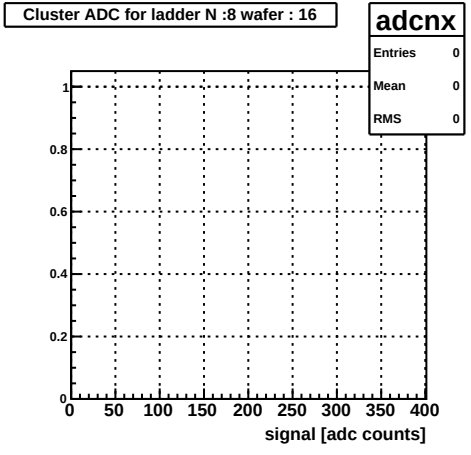

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

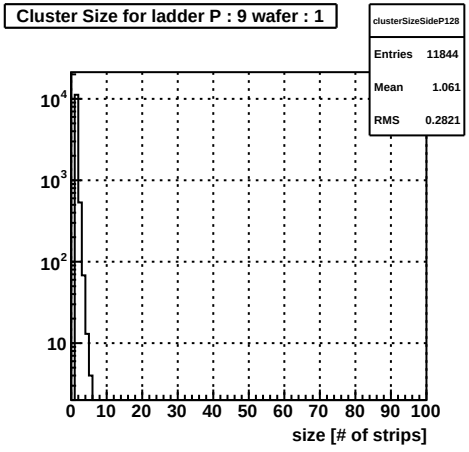

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

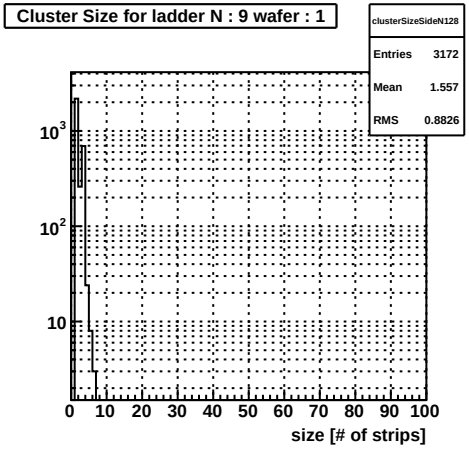

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

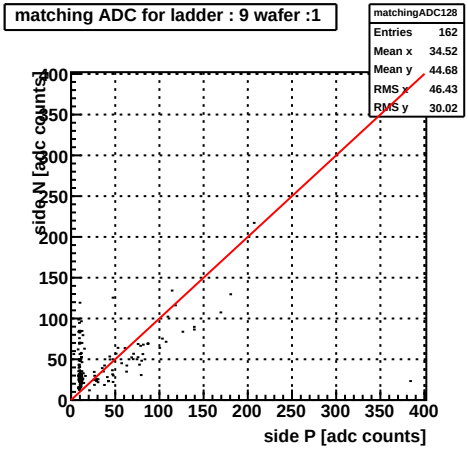

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

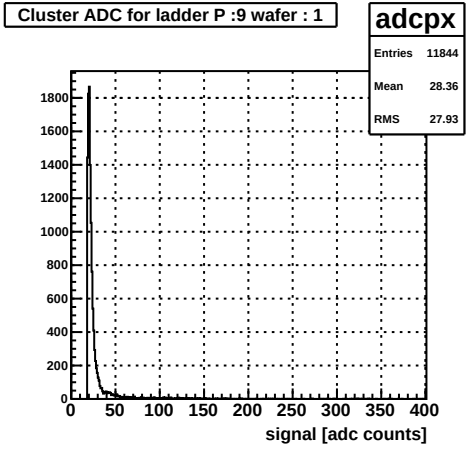

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

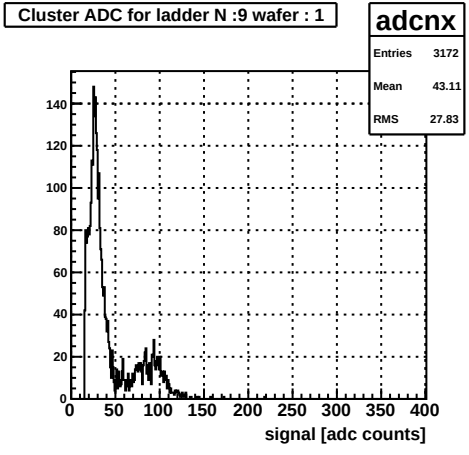

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

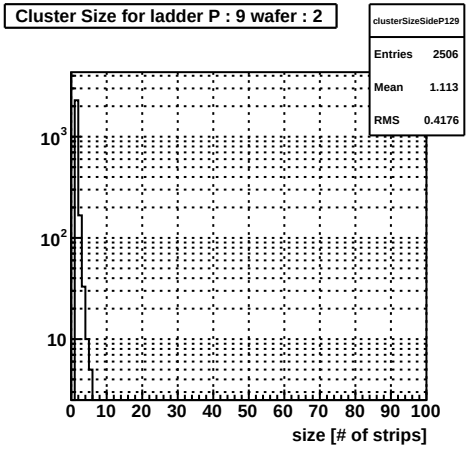

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 11844
Mean 1.061
RMS 0.2821
size [# of strips]

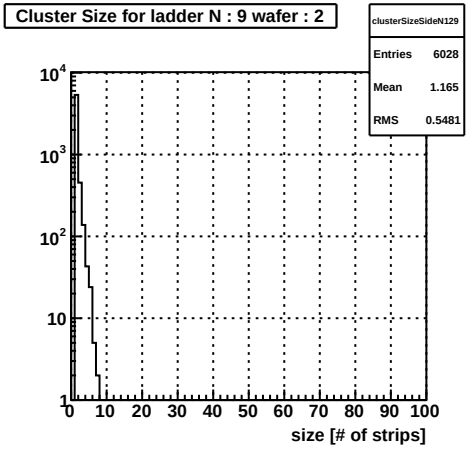

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3172
Mean 1.557
RMS 0.8826
size [# of strips]

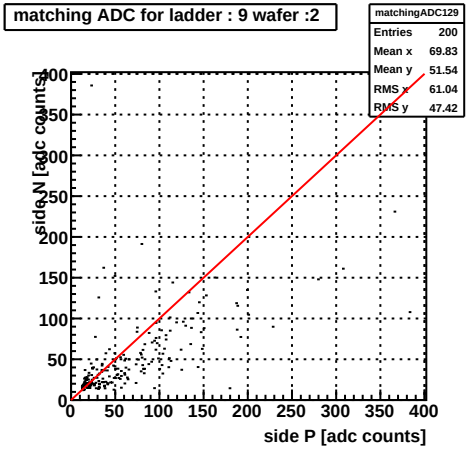

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 162
Mean x 34.52
Mean y 44.68
RMS x 46.43
RMS y 30.02
side N [adc counts]
side P [adc counts]

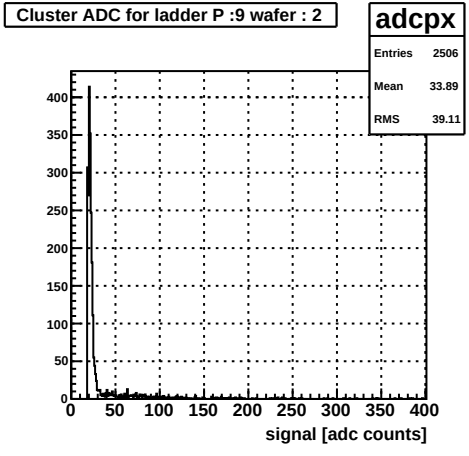

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 11844
Mean 28.36
RMS 27.93
signal [adc counts]

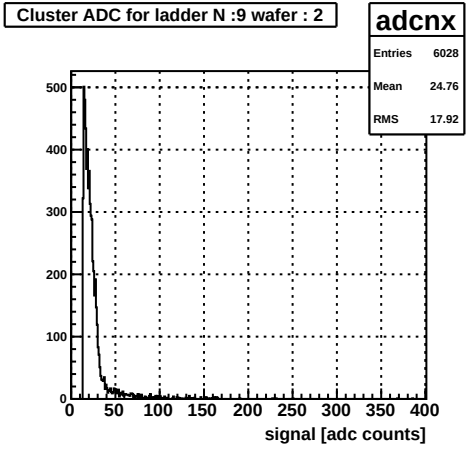

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3172
Mean 43.11
RMS 27.83
signal [adc counts]

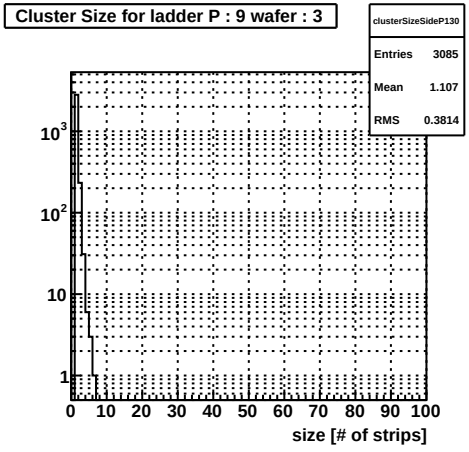

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2506
Mean 1.113
RMS 0.4176
size [# of strips]

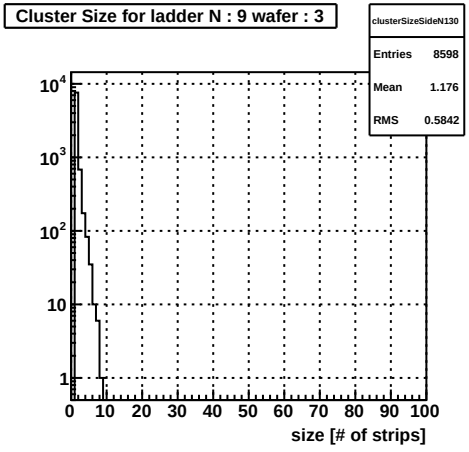

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6028
Mean 1.165
RMS 0.5481
size [# of strips]

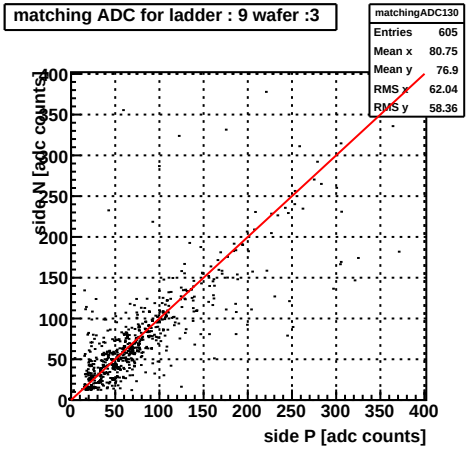

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 200
Mean x 69.83
Mean y 51.54
RMS x 61.04
RMS y 47.42
side N [adc counts]
side P [adc counts]

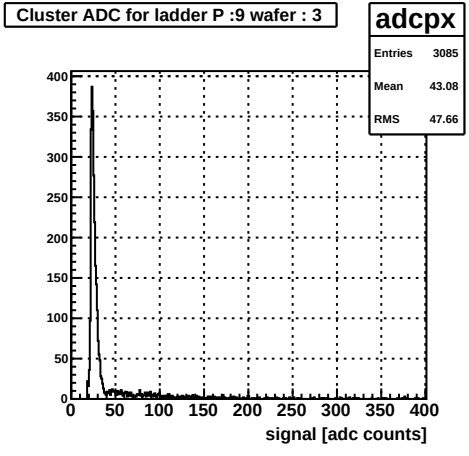

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2506
Mean 33.89
RMS 39.11
signal [adc counts]

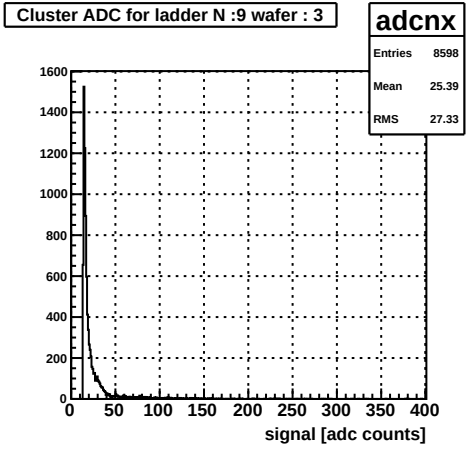

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6028
Mean 24.76
RMS 17.92
signal [adc counts]

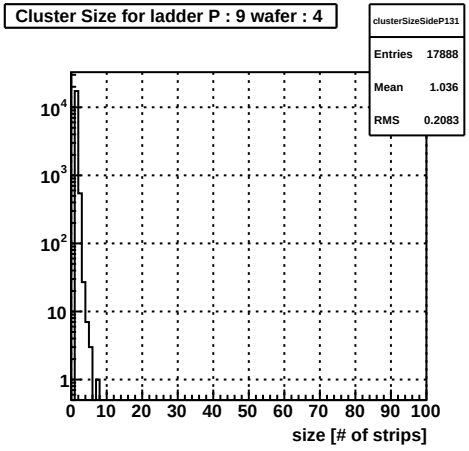

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3085
Mean 1.107
RMS 0.3814
size [# of strips]

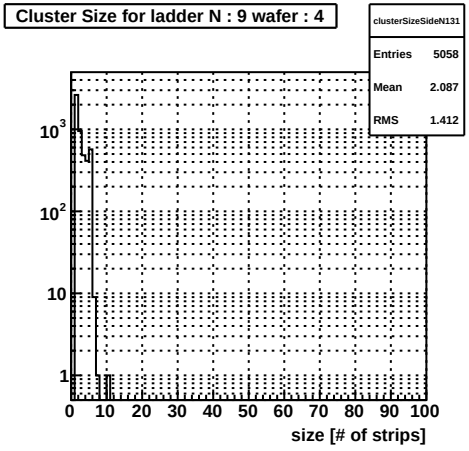

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 8598
Mean 1.176
RMS 0.5842
size [# of strips]

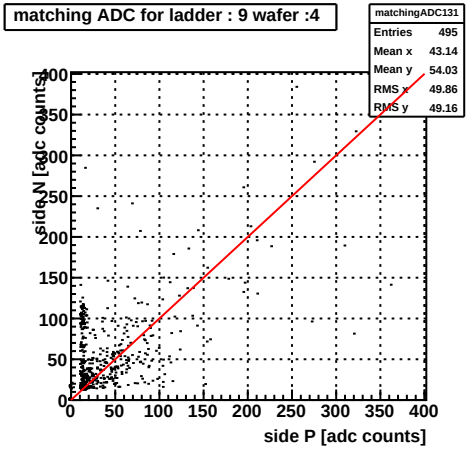

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 605
Mean x 80.75
Mean y 76.9
RMS x 62.04
RMS y 58.36
side N [adc counts]
side P [adc counts]

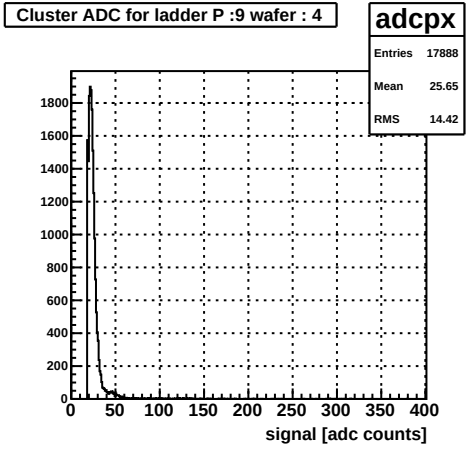

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3085
Mean 43.08
RMS 47.66
signal [adc counts]

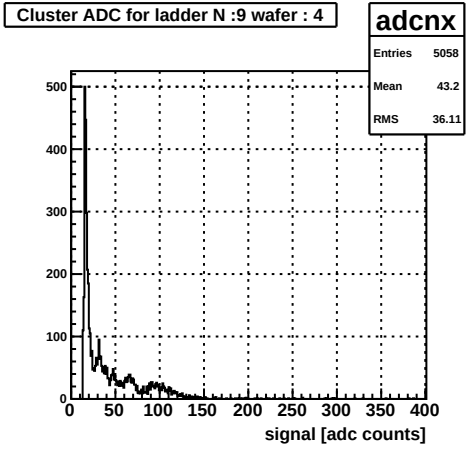

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 8598
Mean 25.39
RMS 27.33
signal [adc counts]

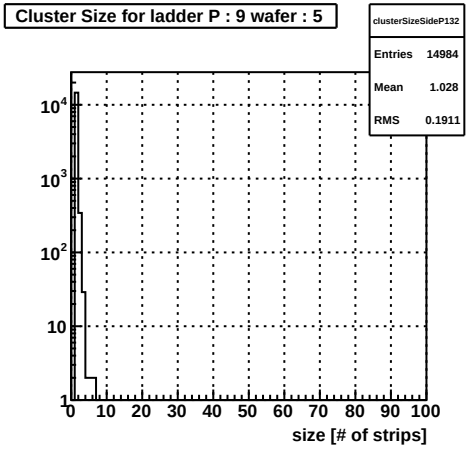

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17888
Mean 1.036
RMS 0.2083
size [# of strips]

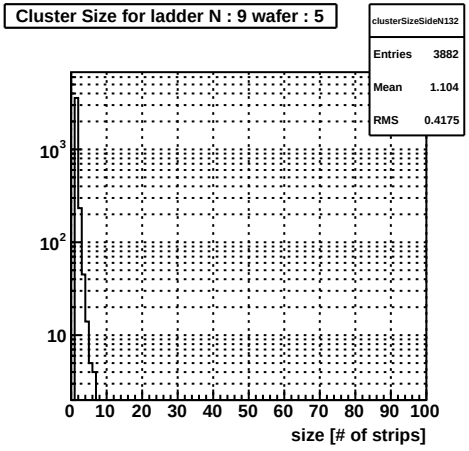

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5058
Mean 2.087
RMS 1.412
size [# of strips]

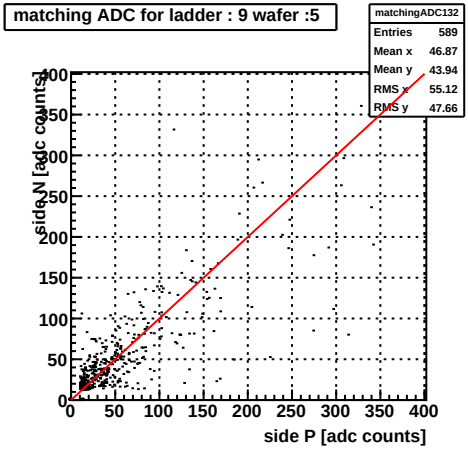

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 495
Mean x 43.14
Mean y 54.03
RMS x 49.86
RMS y 49.16
side N [adc counts]
side P [adc counts]

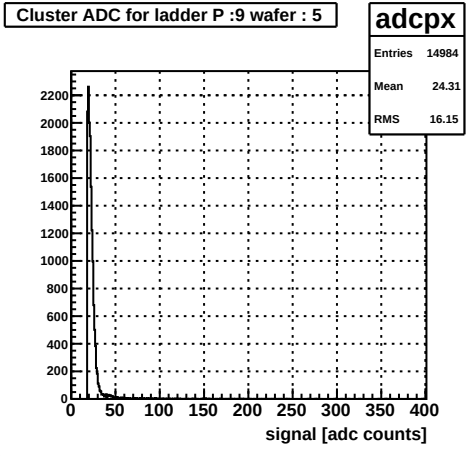

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17888
Mean 25.65
RMS 14.42
signal [adc counts]

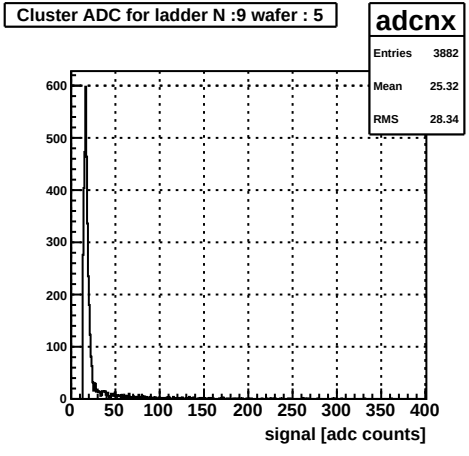

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5058
Mean 43.2
RMS 36.11
signal [adc counts]

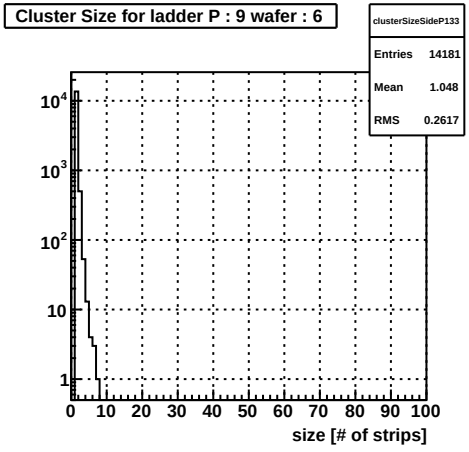

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14984
Mean 1.028
RMS 0.1911
size [# of strips]

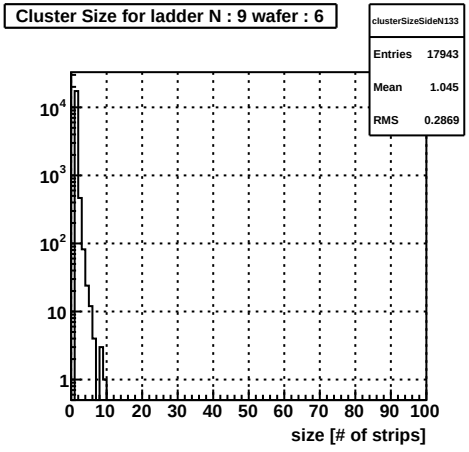

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3882
Mean 1.104
RMS 0.4175
size [# of strips]

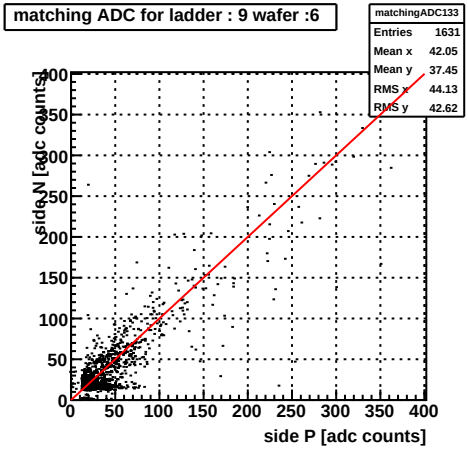

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 589
Mean x 46.87
Mean y 43.94
RMS x 55.12
RMS y 47.66
side N [adc counts]
side P [adc counts]

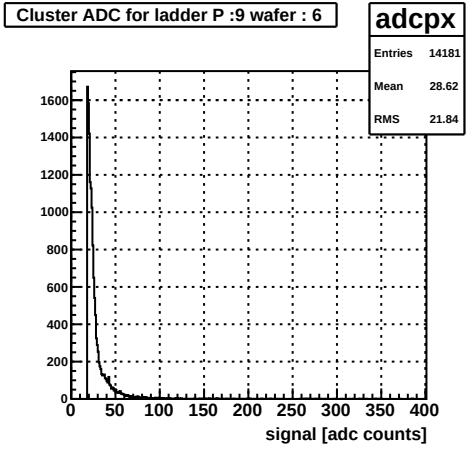

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14984
Mean 24.31
RMS 16.15
signal [adc counts]

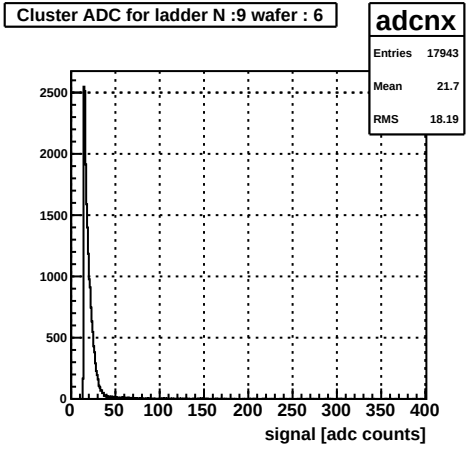

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3882
Mean 25.32
RMS 28.34
signal [adc counts]

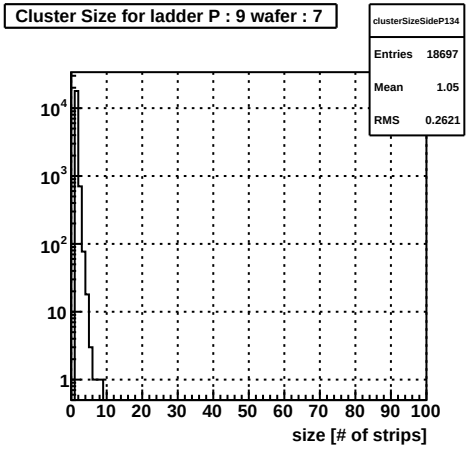

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14181
Mean 1.048
RMS 0.2617
size [# of strips]

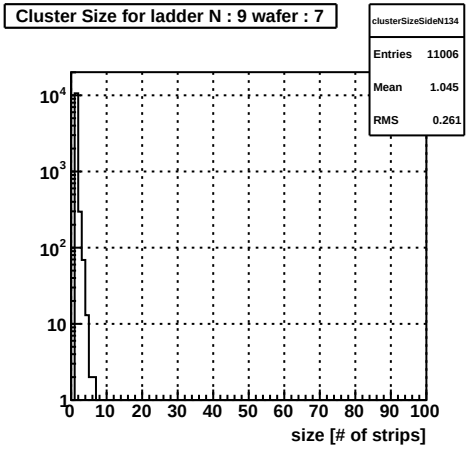

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 17943
Mean 1.045
RMS 0.2869
size [# of strips]

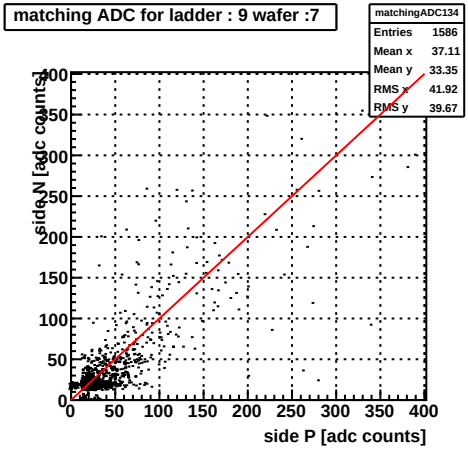

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1631
Mean x 42.05
Mean y 37.45
RMS x 44.13
RMS y 42.62
side N [adc counts]
side P [adc counts]

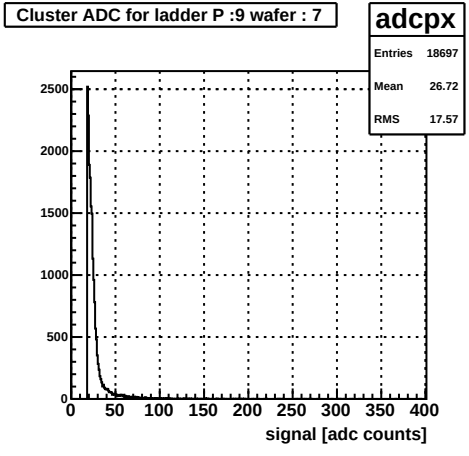

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14181
Mean 28.62
RMS 21.84
signal [adc counts]

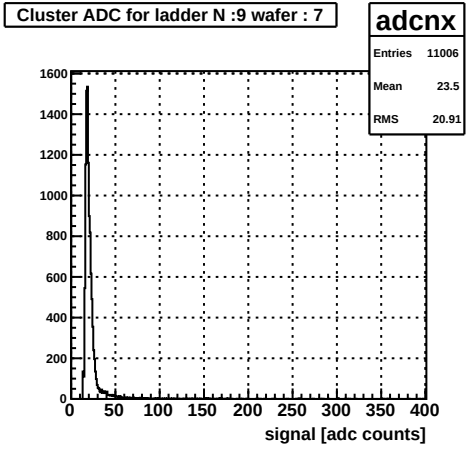

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 17943
Mean 21.7
RMS 18.19
signal [adc counts]

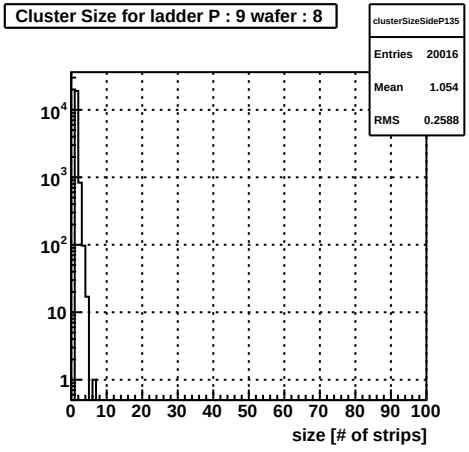

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 18697
Mean 1.05
RMS 0.2621
size [# of strips]

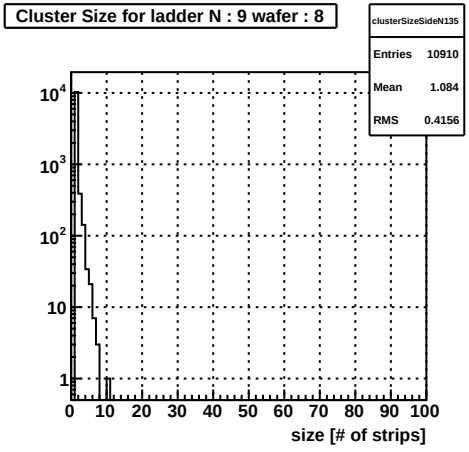

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 11006
Mean 1.045
RMS 0.261
size [# of strips]

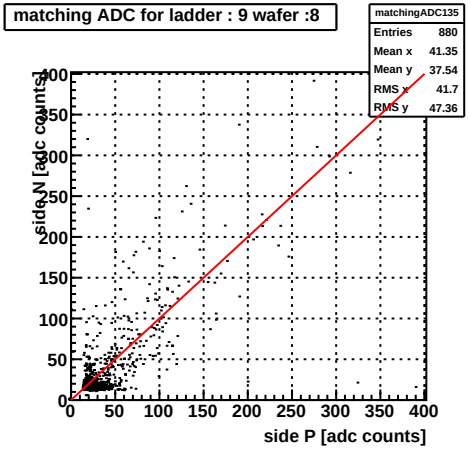

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1586
Mean x 37.11
Mean y 33.35
RMS x 41.92
RMS y 39.67
side N [adc counts]
side P [adc counts]

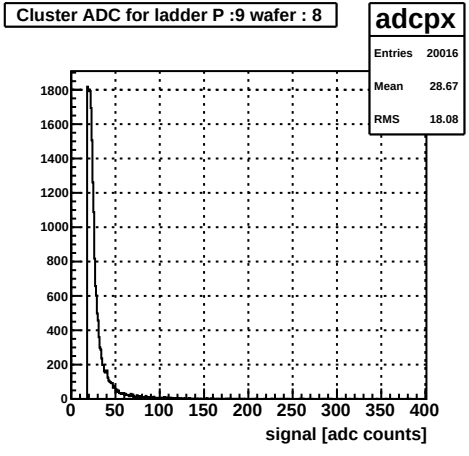

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 18697
Mean 26.72
RMS 17.57
signal [adc counts]

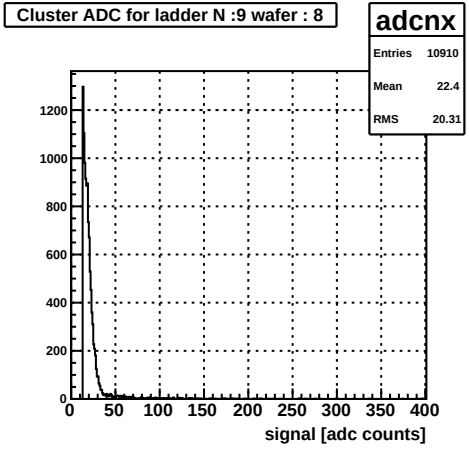

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 11006
Mean 23.5
RMS 20.91
signal [adc counts]

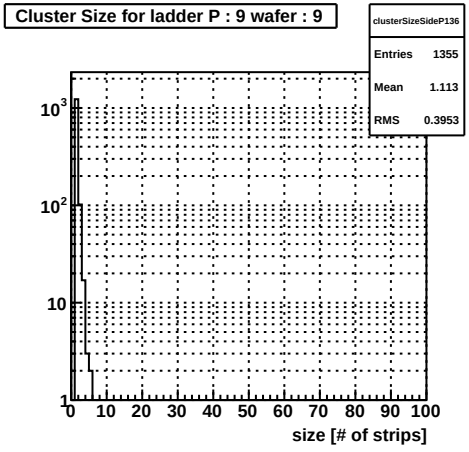

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 20016
Mean 1.054
RMS 0.2588
size [# of strips]

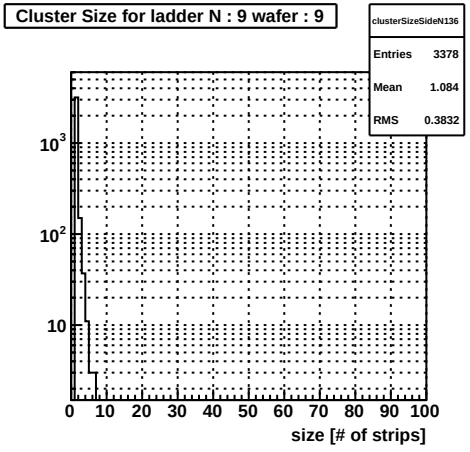

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 10910
Mean 1.084
RMS 0.4156
size [# of strips]

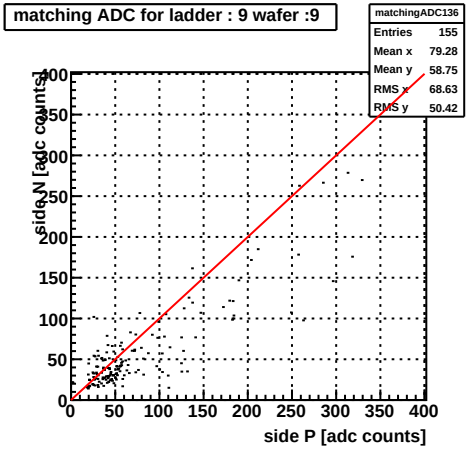

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 880
Mean x 41.35
Mean y 37.54
RMS x 41.7
RMS y 47.36
side N [adc counts]
side P [adc counts]

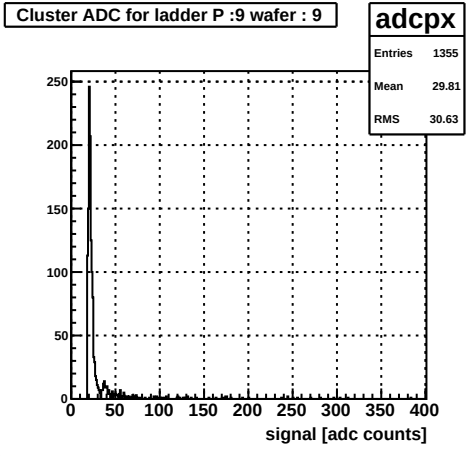

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 20016
Mean 28.67
RMS 18.08
signal [adc counts]

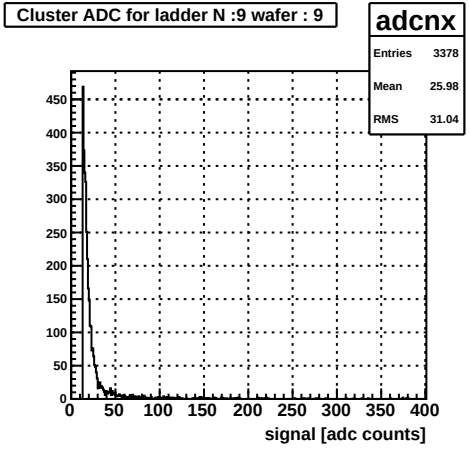

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 10910
Mean 22.4
RMS 20.31
signal [adc counts]

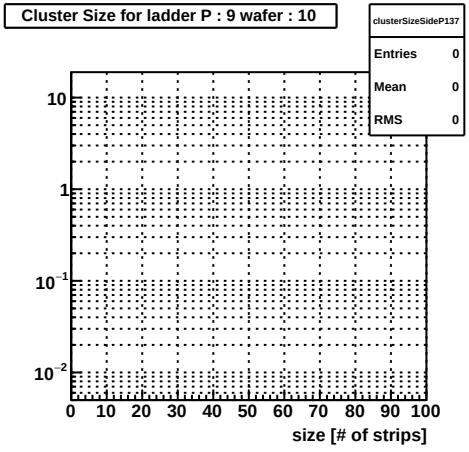

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1355
Mean 1.113
RMS 0.3953
size [# of strips]

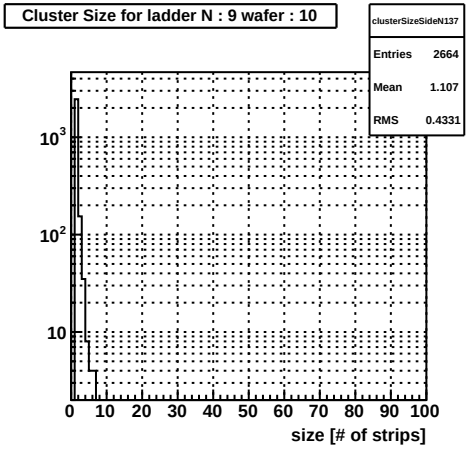

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3378
Mean 1.084
RMS 0.3832
size [# of strips]

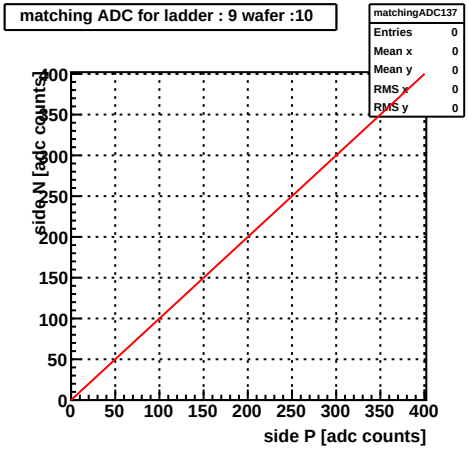

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 155
Mean x 79.28
Mean y 58.75
RMS x 68.63
RMS y 50.42
side N [adc counts]
side P [adc counts]

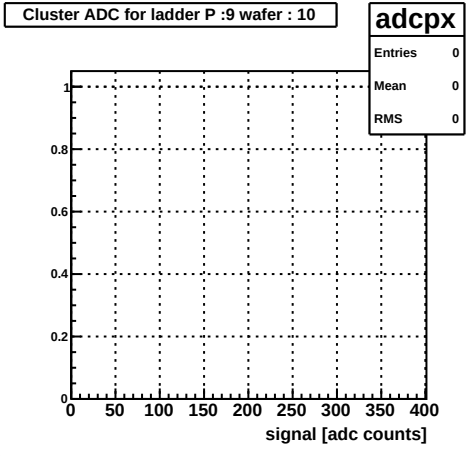

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1355
Mean 29.81
RMS 30.63
signal [adc counts]

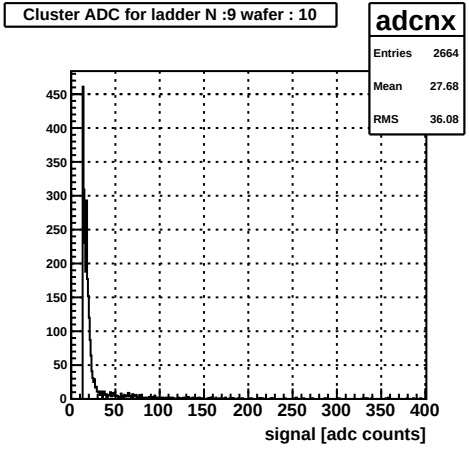

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3378
Mean 25.98
RMS 31.04
signal [adc counts]

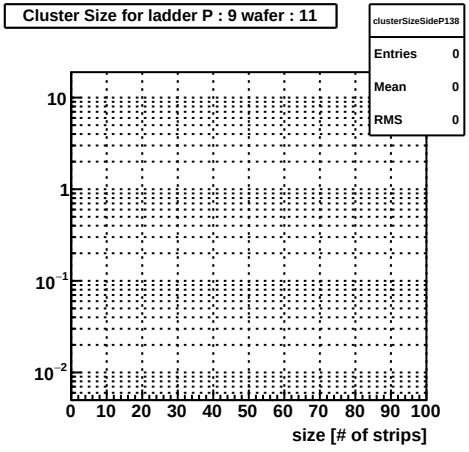

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

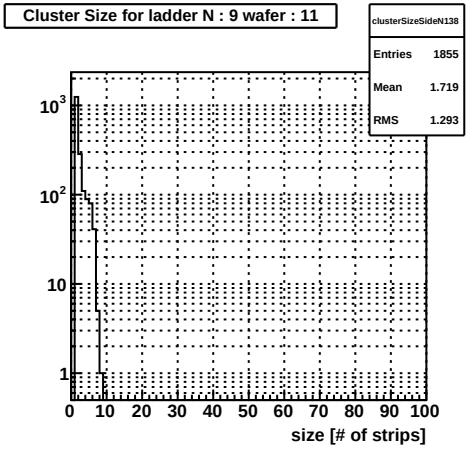

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2664
Mean 1.107
RMS 0.4331
size [# of strips]

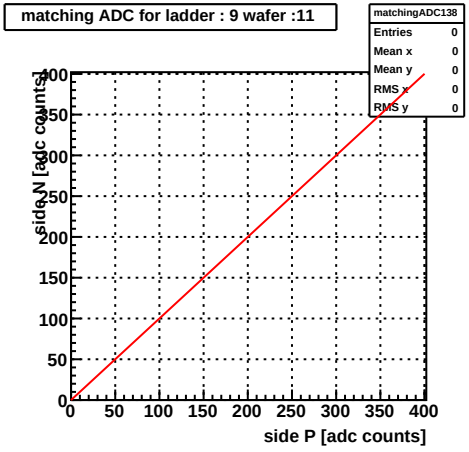

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

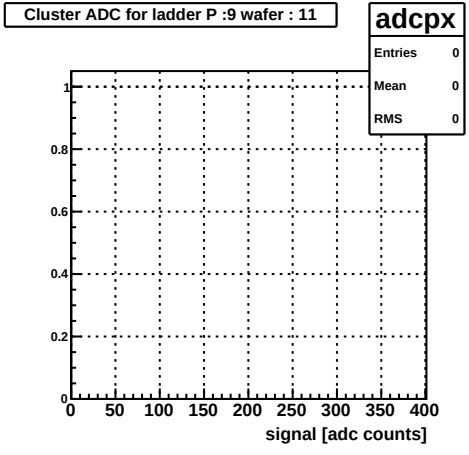

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

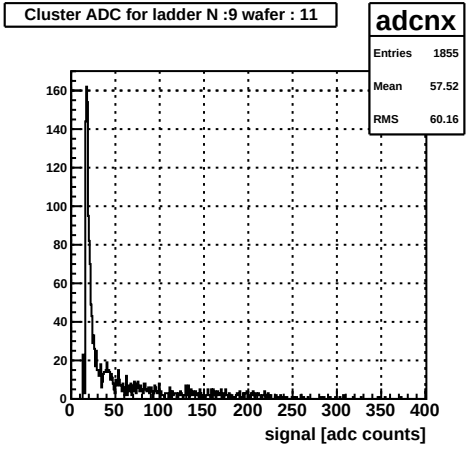

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2664
Mean 27.68
RMS 36.08
signal [adc counts]

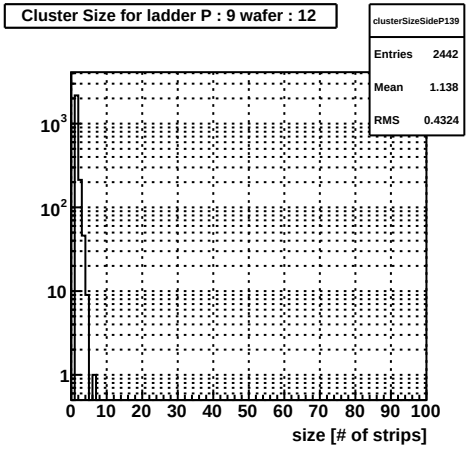

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

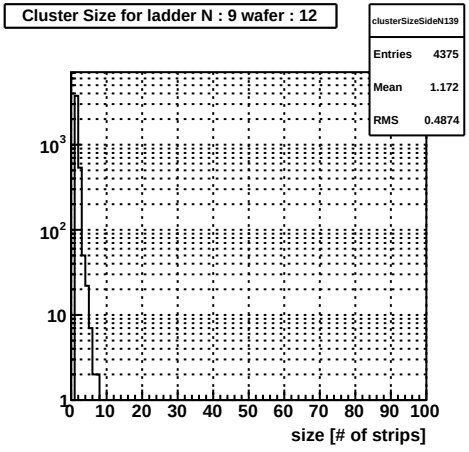

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1855
Mean 1.719
RMS 1.293
size [# of strips]

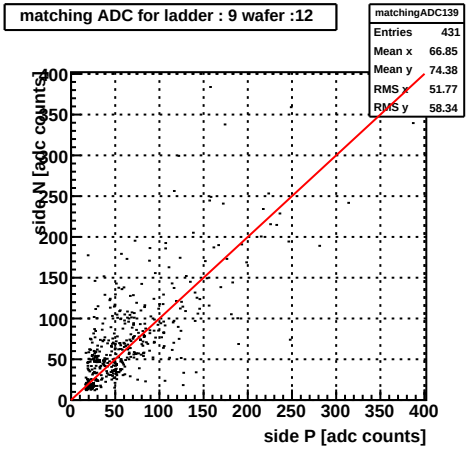

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

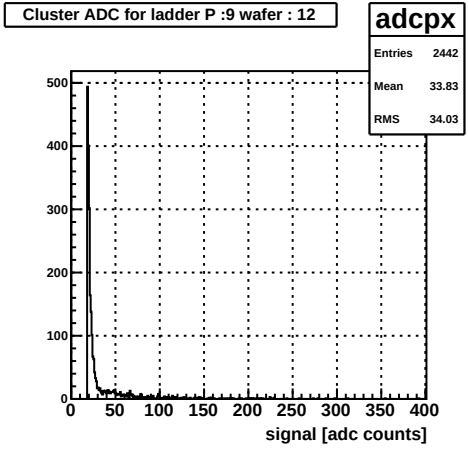

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

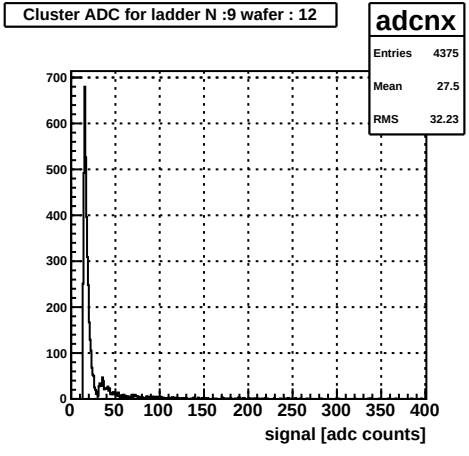

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1855
Mean 57.52
RMS 60.16
signal [adc counts]

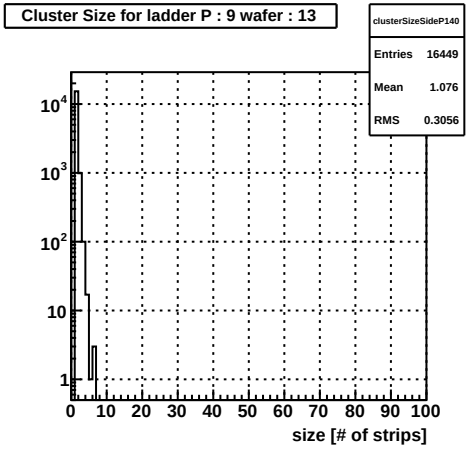

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2442
Mean 1.138
RMS 0.4324
size [# of strips]

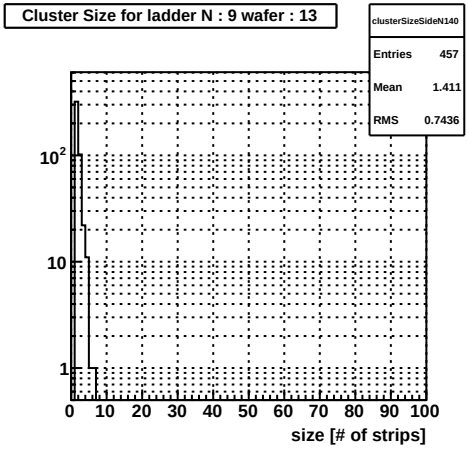

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4375
Mean 1.172
RMS 0.4874
size [# of strips]

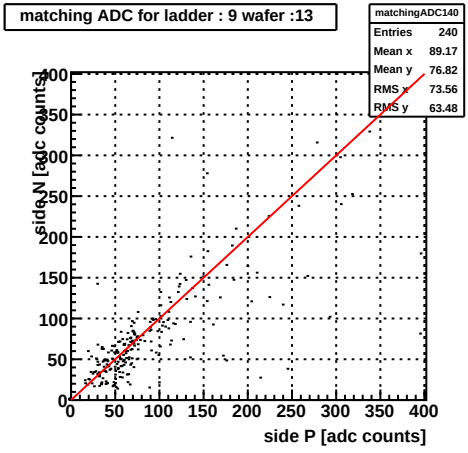

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 431
Mean x 66.85
Mean y 74.38
RMS x 51.77
RMS y 58.34
side N [adc counts]
side P [adc counts]

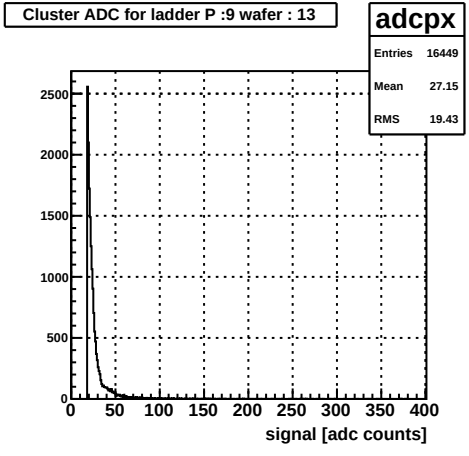

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2442
Mean 33.83
RMS 34.03
signal [adc counts]

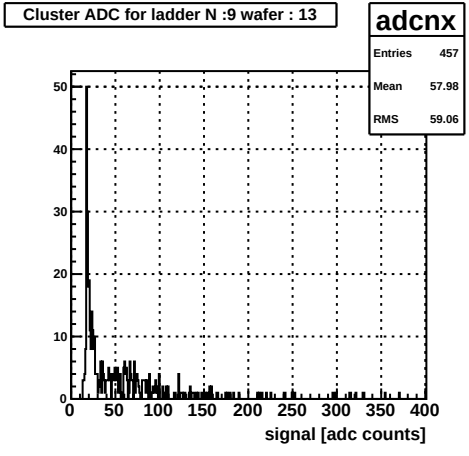

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4375
Mean 27.5
RMS 32.23
signal [adc counts]

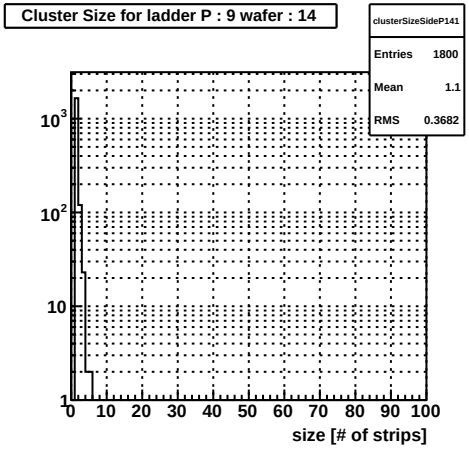

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16449
Mean 1.076
RMS 0.3056
size [# of strips]

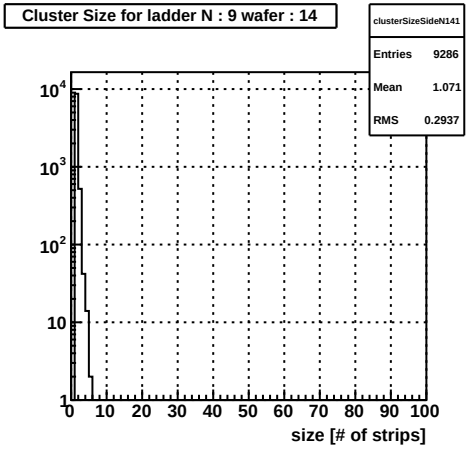

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 457
Mean 1.411
RMS 0.7436
size [# of strips]

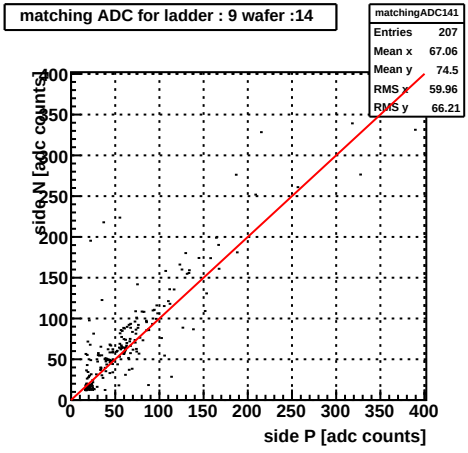

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 240
Mean x 89.17
Mean y 76.82
RMS x 73.56
RMS y 63.48
side N [adc counts]
side P [adc counts]

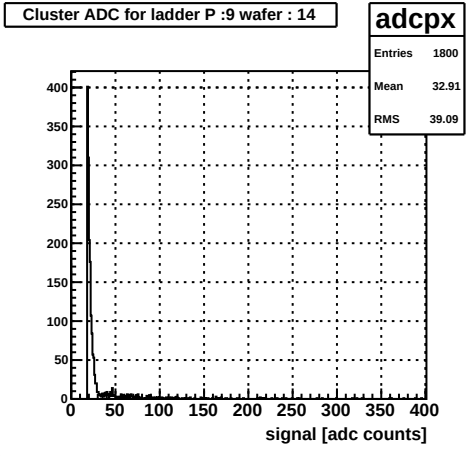

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16449
Mean 27.15
RMS 19.43
signal [adc counts]

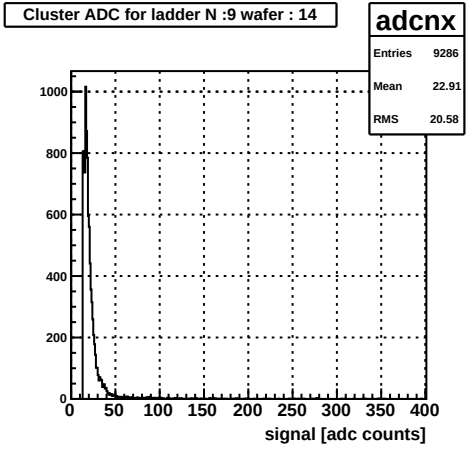

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 457
Mean 57.98
RMS 59.06
signal [adc counts]

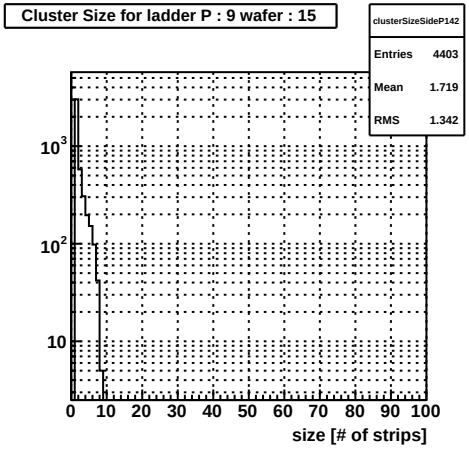

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1800
Mean 1.1
RMS 0.3682
size [# of strips]

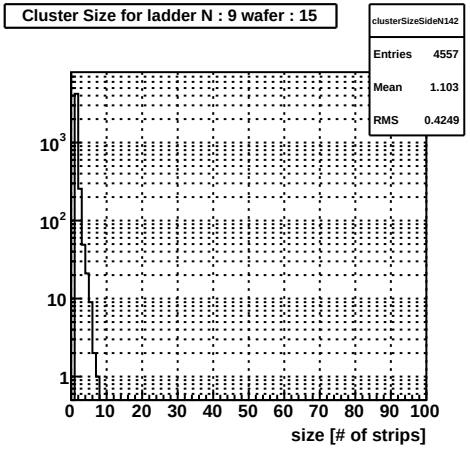

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 9286
Mean 1.071
RMS 0.2937
size [# of strips]

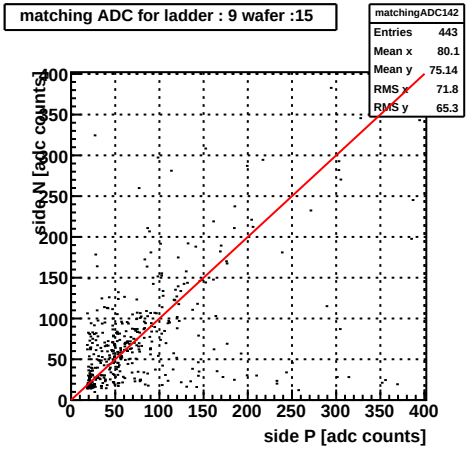

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 207
Mean x 67.06
Mean y 74.5
RMS x 59.96
RMS y 66.21
side N [adc counts]
side P [adc counts]

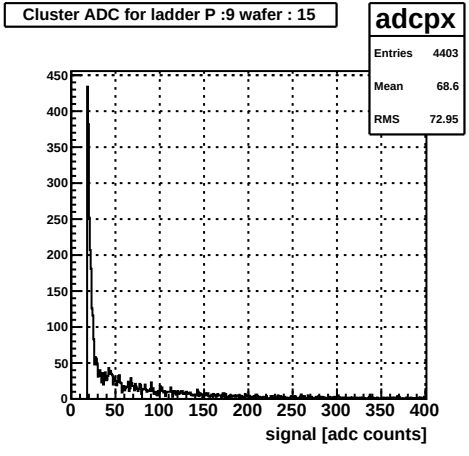

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1800
Mean 32.91
RMS 39.09
signal [adc counts]

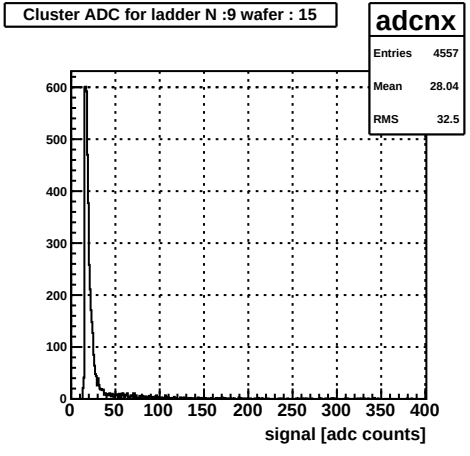

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 9286
Mean 22.91
RMS 20.58
signal [adc counts]

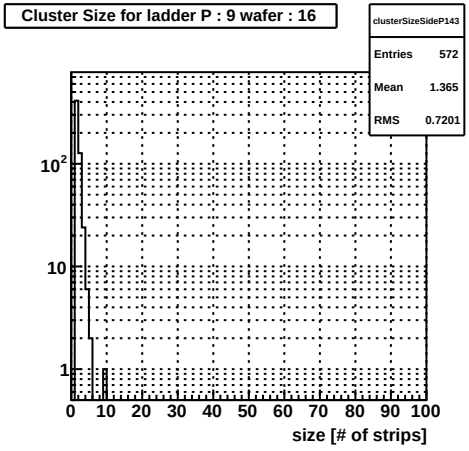

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4403
Mean 1.719
RMS 1.342
size [# of strips]

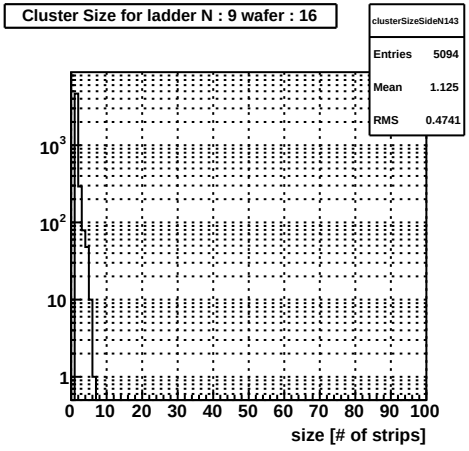

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 4557
Mean 1.103
RMS 0.4249
size [# of strips]

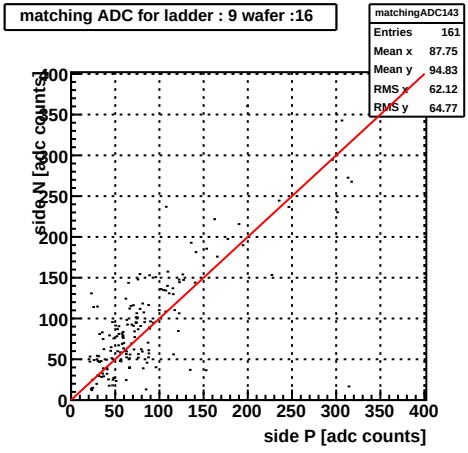

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 443
Mean x 80.1
Mean y 75.14
RMS x 71.8
RMS y 65.3
side N [adc counts]
side P [adc counts]

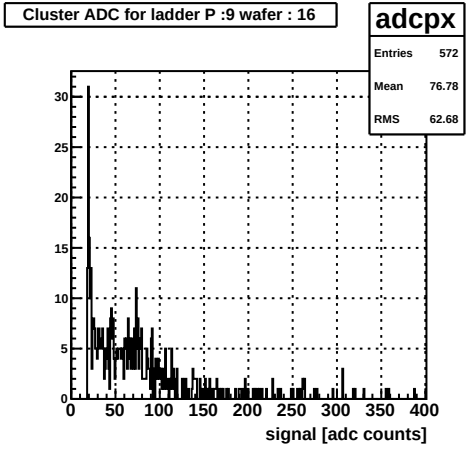

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4403
Mean 68.6
RMS 72.95
signal [adc counts]

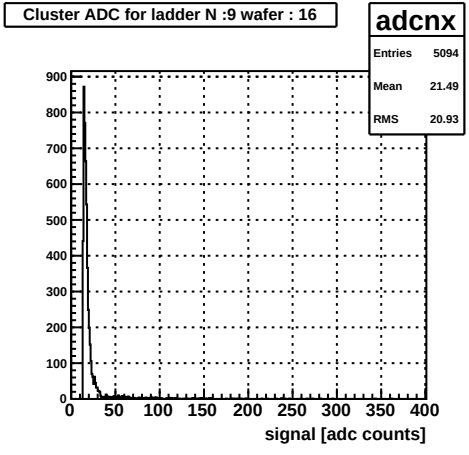

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 4557
Mean 28.04
RMS 32.5
signal [adc counts]

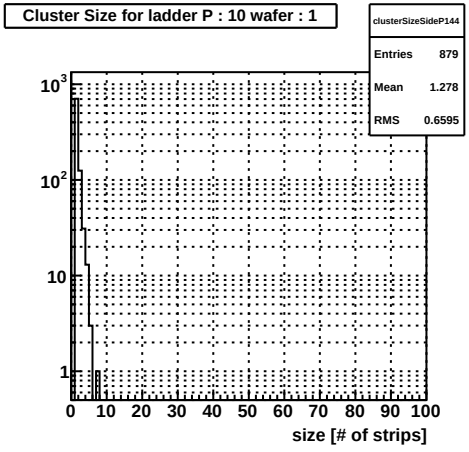

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 572
Mean 1.365
RMS 0.7201
size [# of strips]

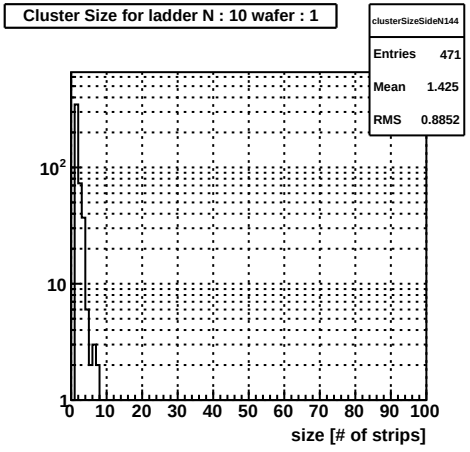

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 5094
Mean 1.125
RMS 0.4741
size [# of strips]

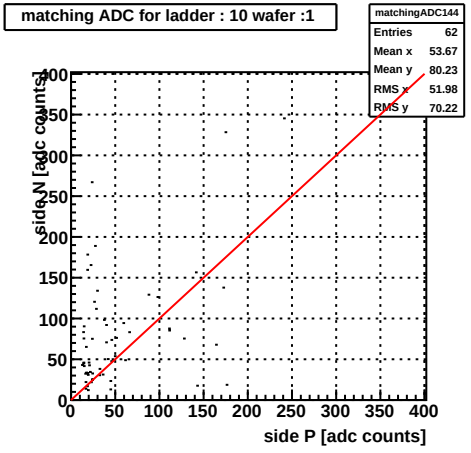

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 161
Mean x 87.75
Mean y 94.83
RMS x 62.12
RMS y 64.77
side N [adc counts]
side P [adc counts]

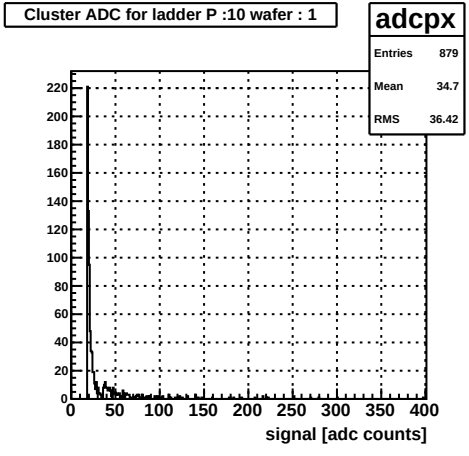

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 572
Mean 76.78
RMS 62.68
signal [adc counts]

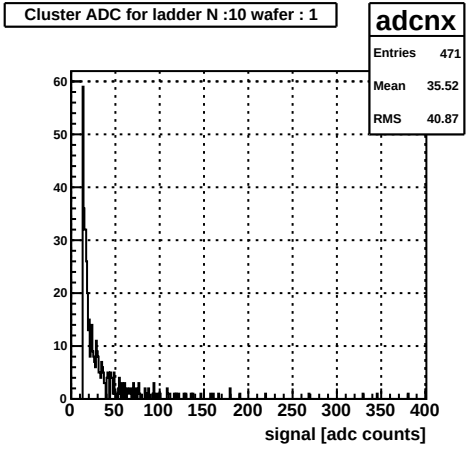

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 5094
Mean 21.49
RMS 20.93
signal [adc counts]

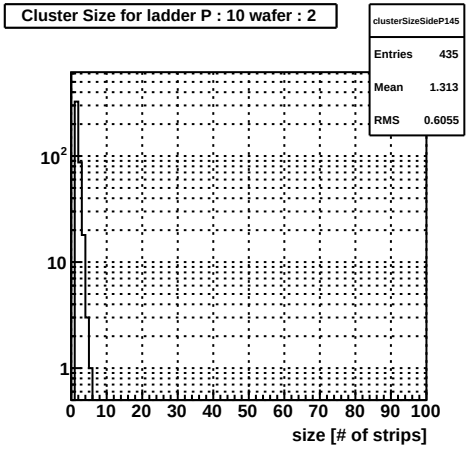

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 879
Mean 1.278
RMS 0.6595
size [# of strips]

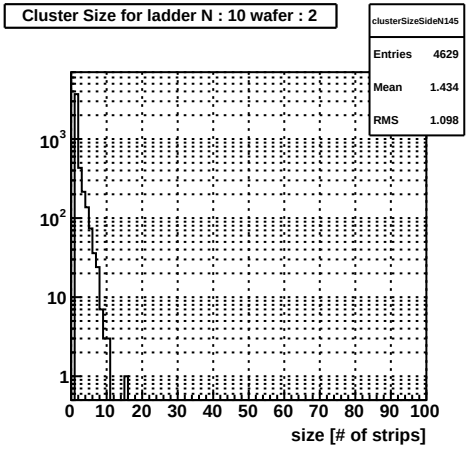

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 471
Mean 1.425
RMS 0.8852
size [# of strips]

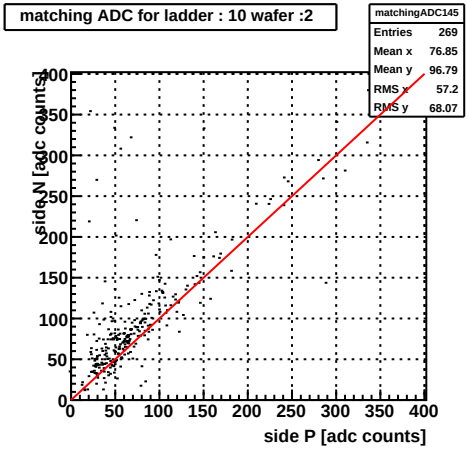

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 62
Mean x 53.67
Mean y 80.23
RMS x 51.98
RMS y 70.22
side N [adc counts]
side P [adc counts]

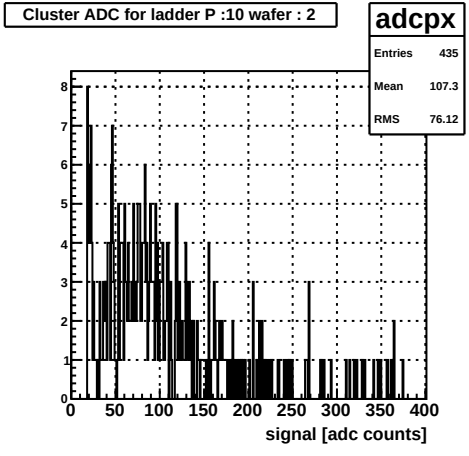

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 879
Mean 34.7
RMS 36.42
signal [adc counts]

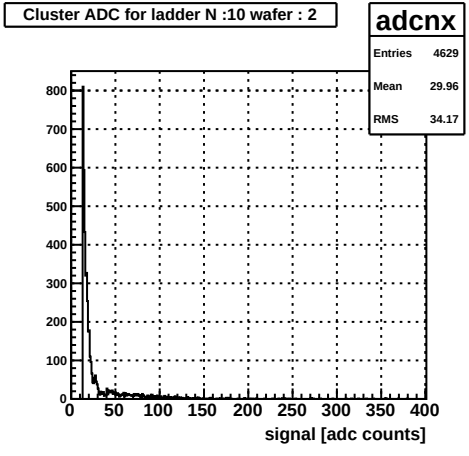

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 471
Mean 35.52
RMS 40.87
signal [adc counts]

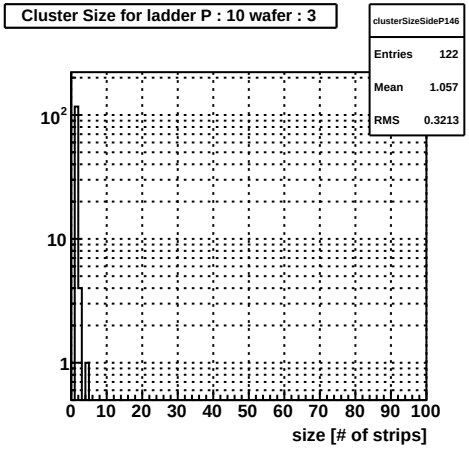

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 435
Mean 1.313
RMS 0.6055
size [# of strips]

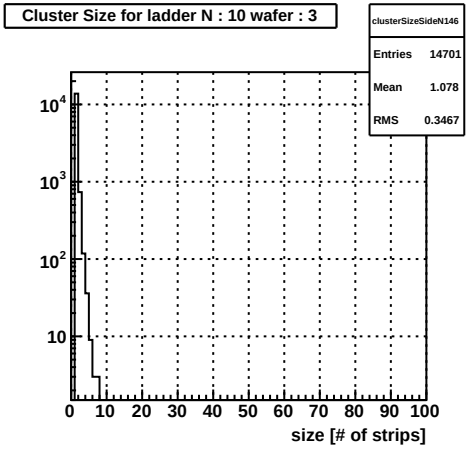

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 4629
Mean 1.434
RMS 1.098
size [# of strips]

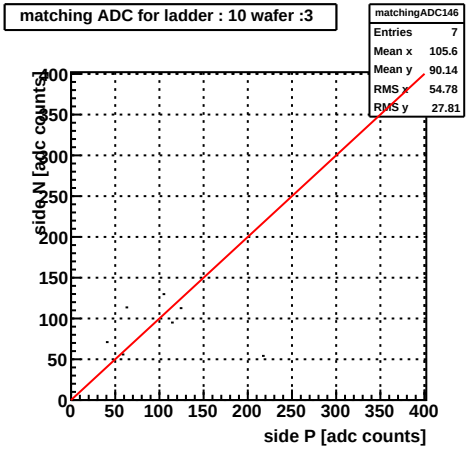

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 269
Mean x 76.85
Mean y 96.79
RMS x 57.2
RMS y 68.07
side N [adc counts]
side P [adc counts]

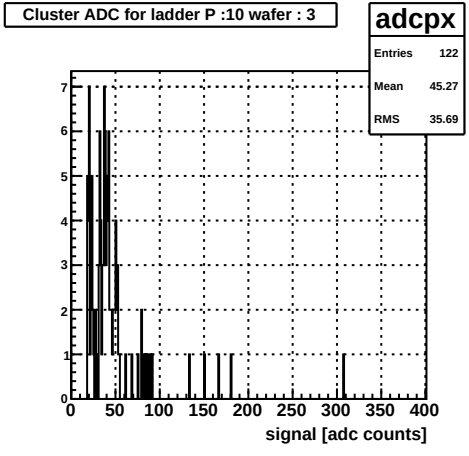

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 435
Mean 107.3
RMS 76.12
signal [adc counts]

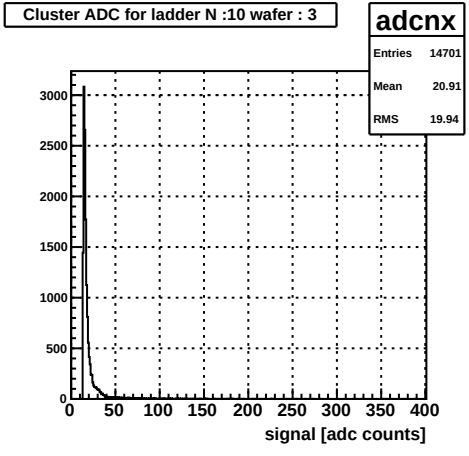

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 4629
Mean 29.96
RMS 34.17
signal [adc counts]

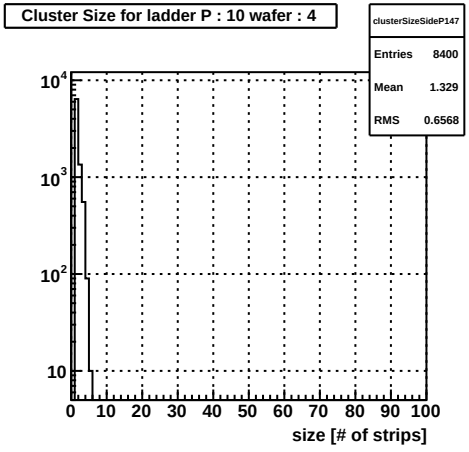

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 122
Mean 1.057
RMS 0.3213
size [# of strips]

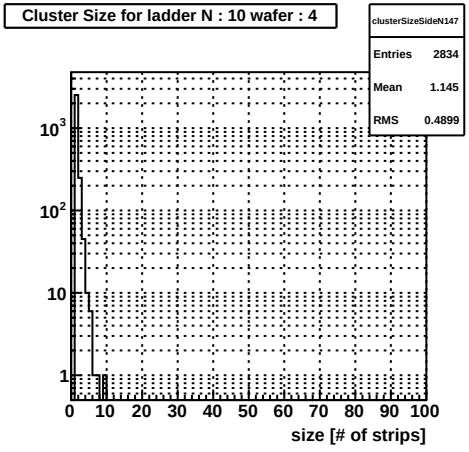

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14701
Mean 1.078
RMS 0.3467
size [# of strips]

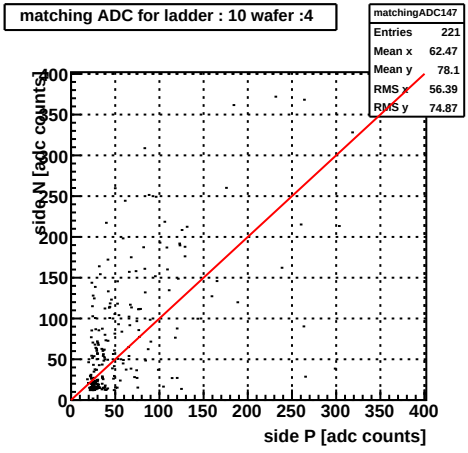

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 7
Mean x 105.6
Mean y 90.14
RMS x 54.78
RMS y 27.81
side N [adc counts]
side P [adc counts]

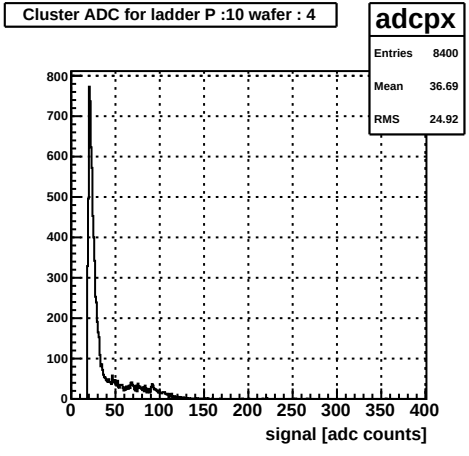

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 122
Mean 45.27
RMS 35.69
signal [adc counts]

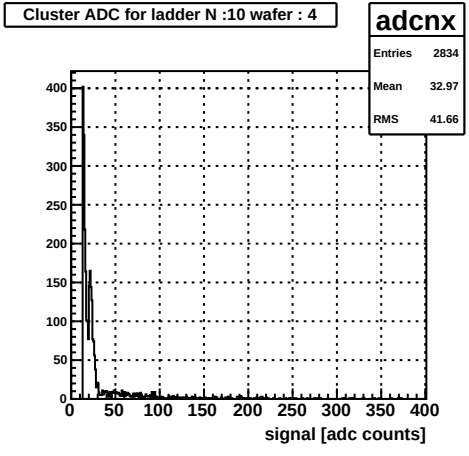

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14701
Mean 20.91
RMS 19.94
signal [adc counts]

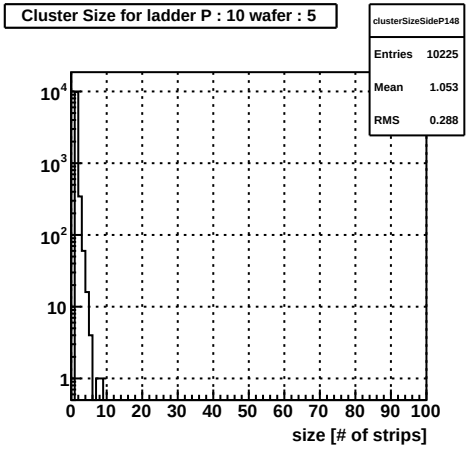

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 8400
Mean 1.329
RMS 0.6568
size [# of strips]

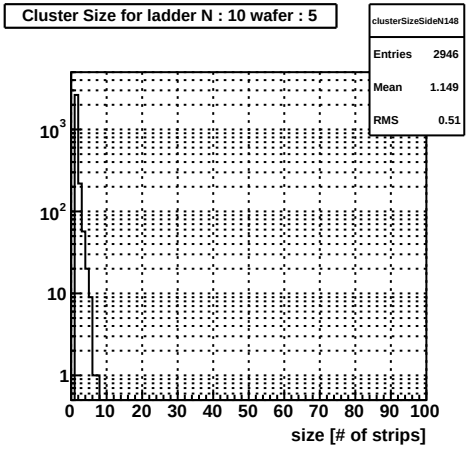

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 2834
Mean 1.145
RMS 0.4899
size [# of strips]

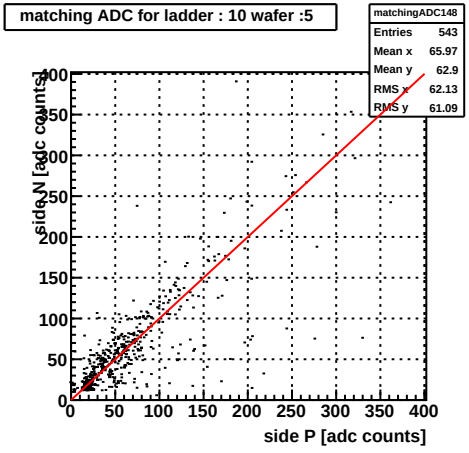

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 221
Mean x 62.47
Mean y 78.1
RMS x 56.39
RMS y 74.87
side N [adc counts]
side P [adc counts]

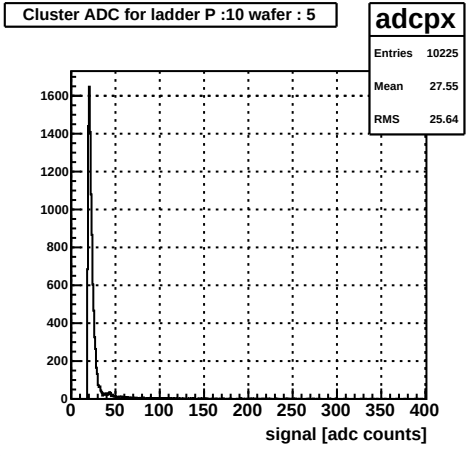

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 8400
Mean 36.69
RMS 24.92
signal [adc counts]

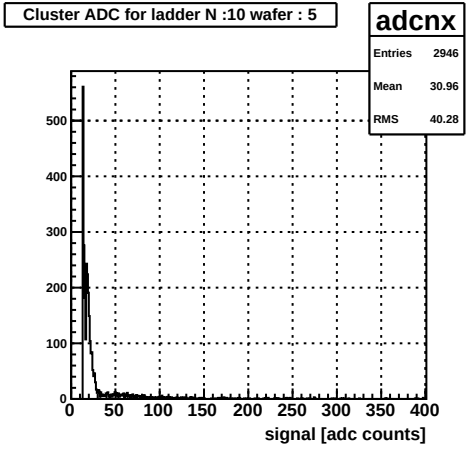

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 2834
Mean 32.97
RMS 41.66
signal [adc counts]

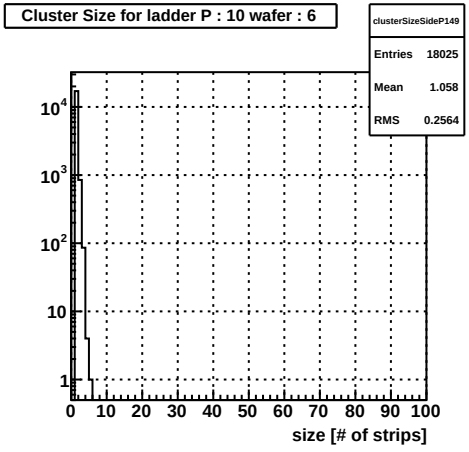

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 10225
Mean 1.053
RMS 0.288
size [# of strips]

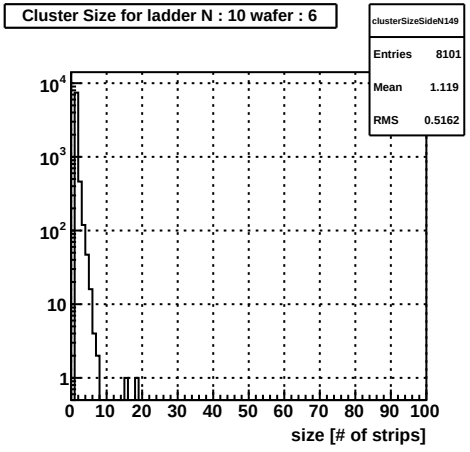

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2946
Mean 1.149
RMS 0.51
size [# of strips]

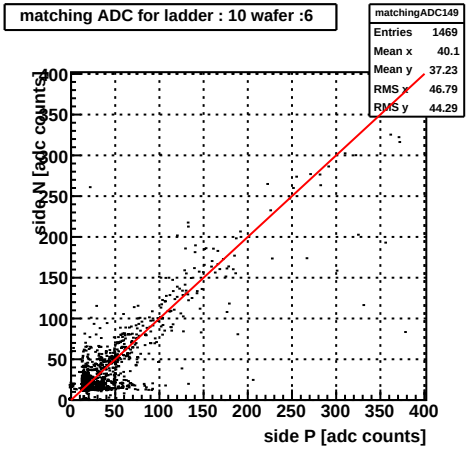

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 543
Mean x 65.97
Mean y 62.9
RMS x 62.13
RMS y 61.09
side N [adc counts]
side P [adc counts]

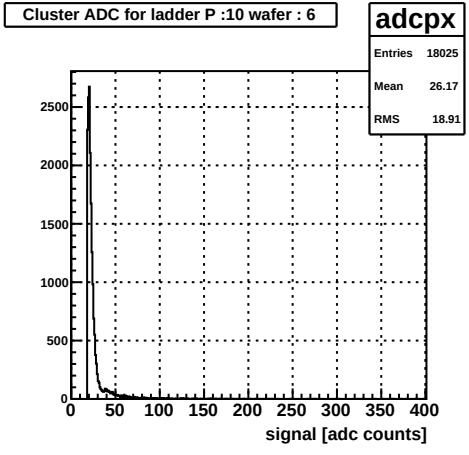

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 10225
Mean 27.55
RMS 25.64
signal [adc counts]

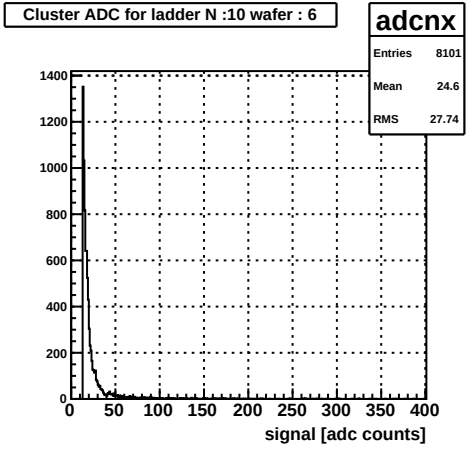

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2946
Mean 30.96
RMS 40.28
signal [adc counts]

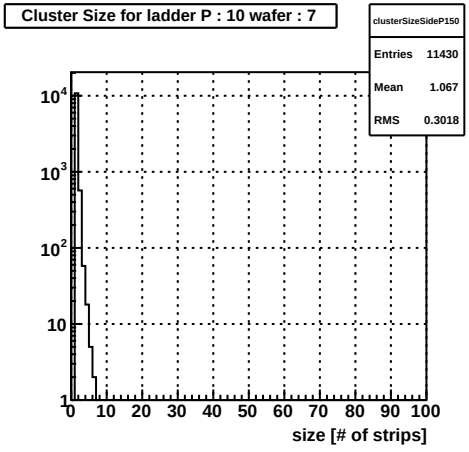

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 18025
Mean 1.058
RMS 0.2564
size [# of strips]

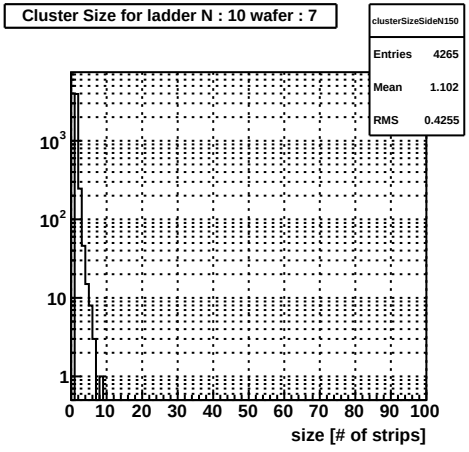

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 8101
Mean 1.119
RMS 0.5162
size [# of strips]

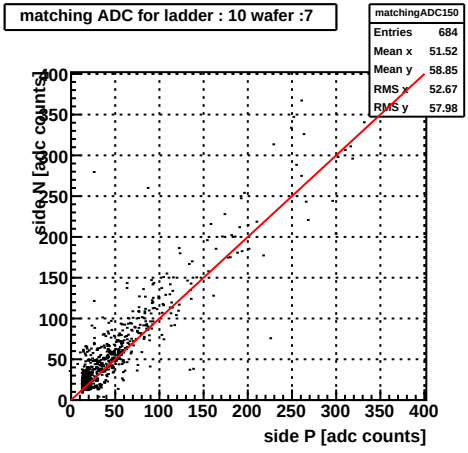

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1469
Mean x 40.1
Mean y 37.23
RMS x 46.79
RMS y 44.29
side N [adc counts]
side P [adc counts]

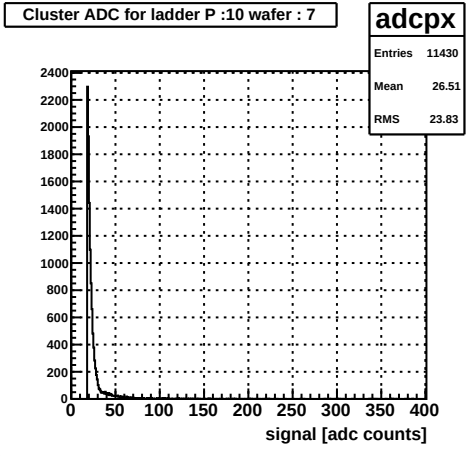

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 18025
Mean 26.17
RMS 18.91
signal [adc counts]

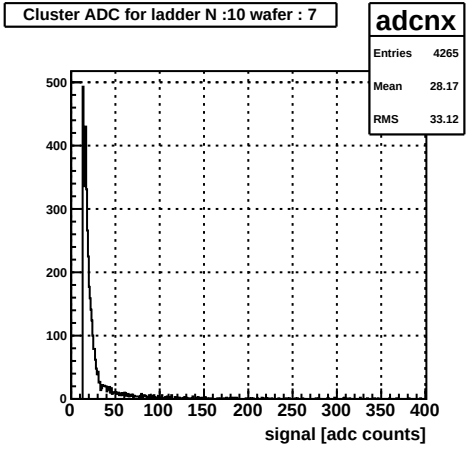

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 8101
Mean 24.6
RMS 27.74
signal [adc counts]

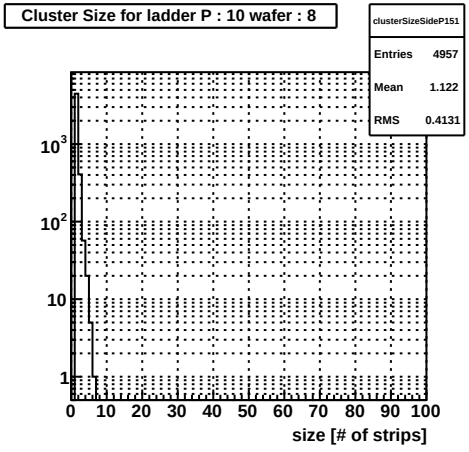

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11430
Mean 1.067
RMS 0.3018
size [# of strips]

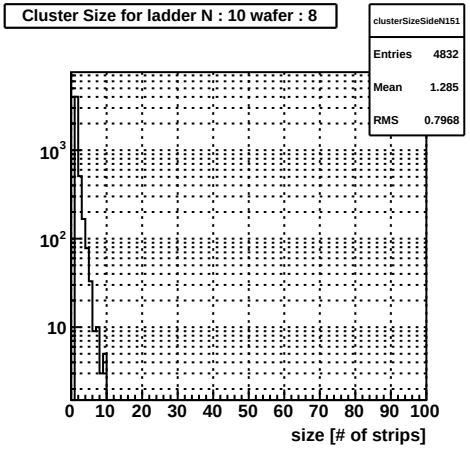

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4265
Mean 1.102
RMS 0.4255
size [# of strips]

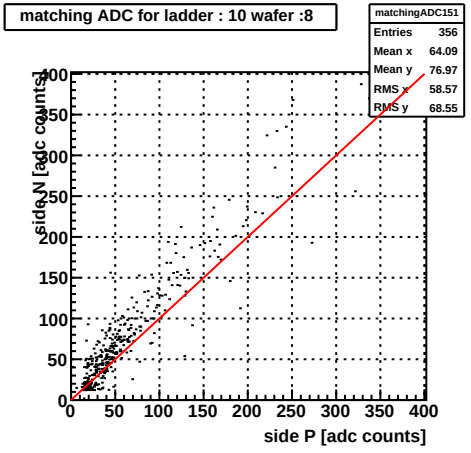

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 684
Mean x 51.52
Mean y 58.85
RMS x 52.67
RMS y 57.98
side N [adc counts]
side P [adc counts]

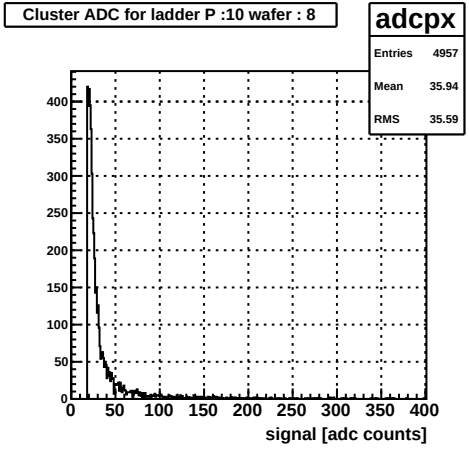

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11430
Mean 26.51
RMS 23.83
signal [adc counts]

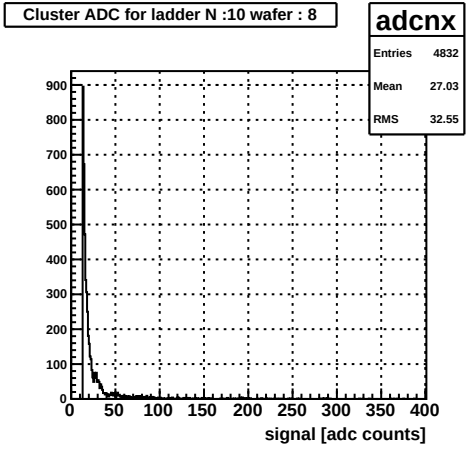

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4265
Mean 28.17
RMS 33.12
signal [adc counts]

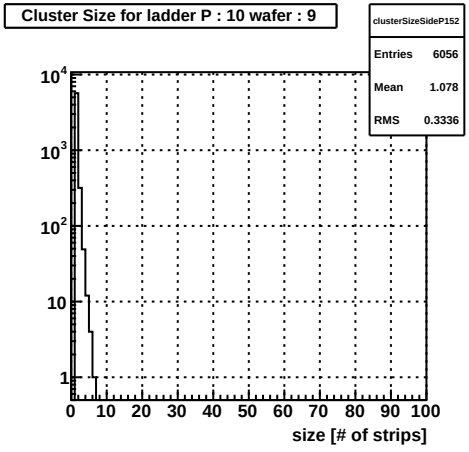

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 4957
Mean 1.122
RMS 0.4131
size [# of strips]

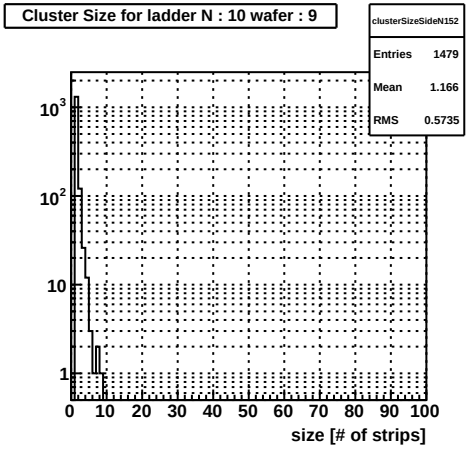

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4832
Mean 1.285
RMS 0.7968
size [# of strips]

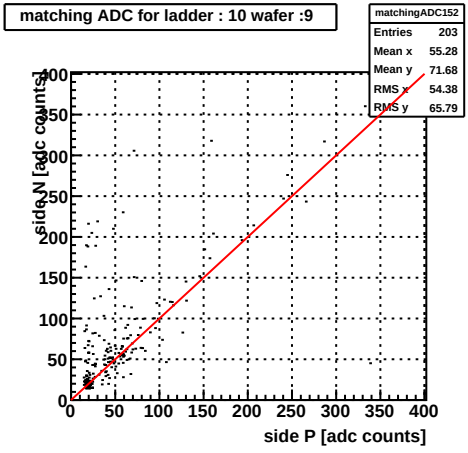

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 356
Mean x 64.09
Mean y 76.97
RMS x 58.57
RMS y 68.55
side N [adc counts]
side P [adc counts]

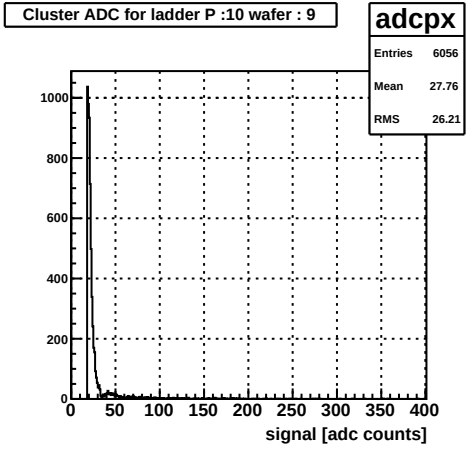

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 4957
Mean 35.94
RMS 35.59
signal [adc counts]

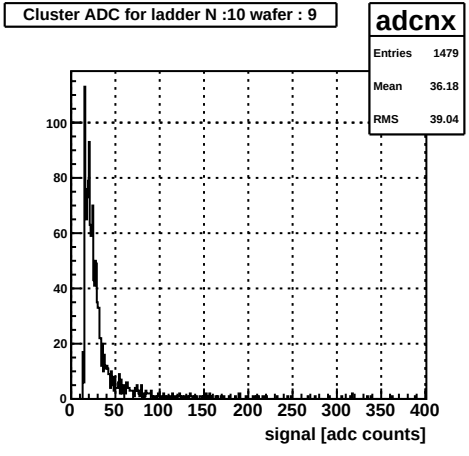

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4832
Mean 27.03
RMS 32.55
signal [adc counts]

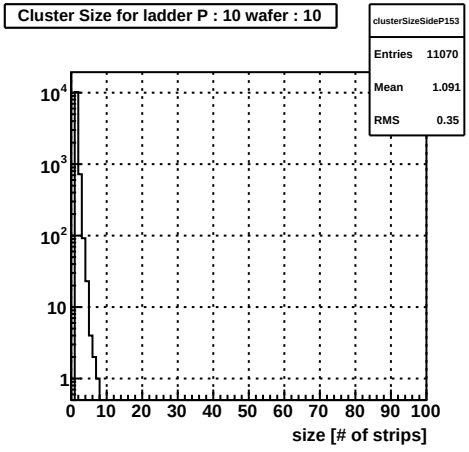

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6056
Mean 1.078
RMS 0.3336
size [# of strips]

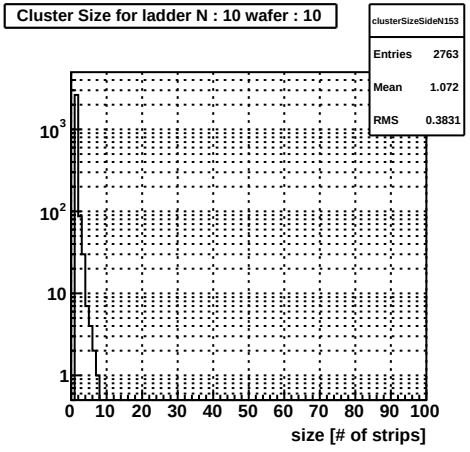

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1479
Mean 1.166
RMS 0.5735
size [# of strips]

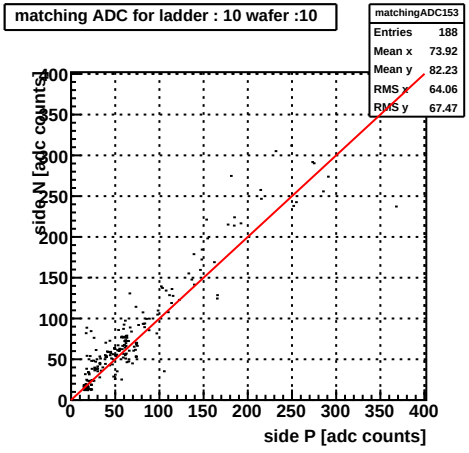

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 203
Mean x 55.28
Mean y 71.68
RMS x 54.38
RMS y 65.79
side N [adc counts]
side P [adc counts]

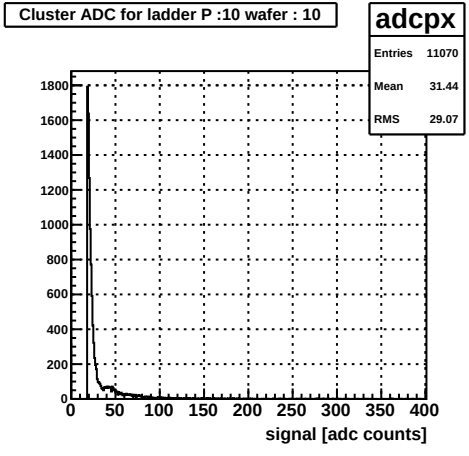

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6056
Mean 27.76
RMS 26.21
signal [adc counts]

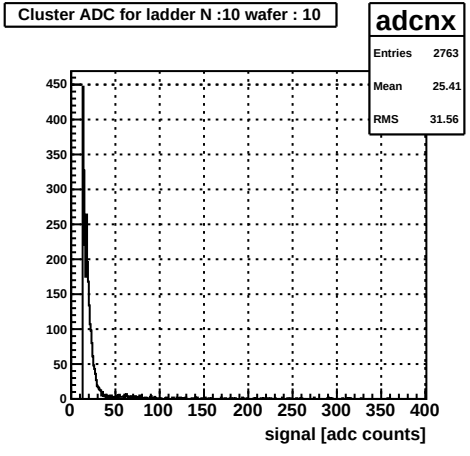

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1479
Mean 36.18
RMS 39.04
signal [adc counts]

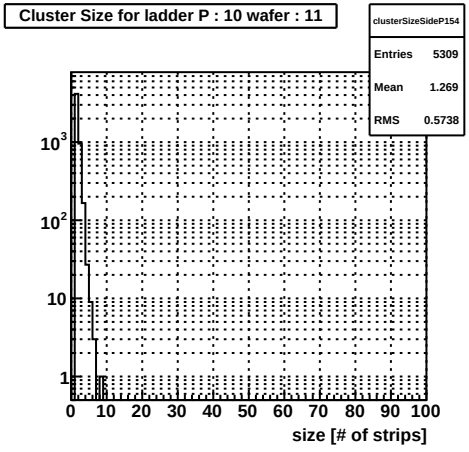

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11070
Mean 1.091
RMS 0.35
size [# of strips]

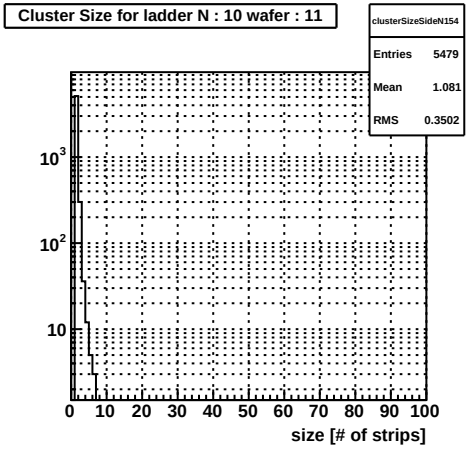

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2763
Mean 1.072
RMS 0.3831
size [# of strips]

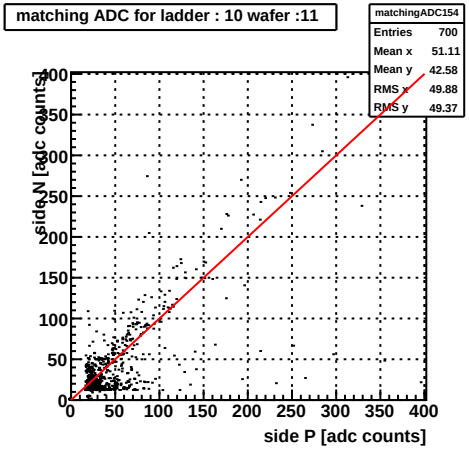

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 188
Mean x 73.92
Mean y 82.23
RMS x 64.06
RMS y 67.47
side N [adc counts]
side P [adc counts]

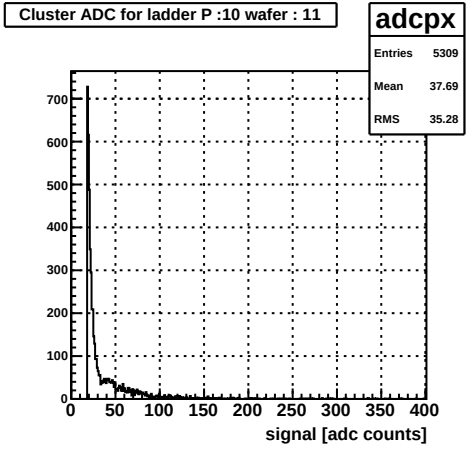

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11070
Mean 31.44
RMS 29.07
signal [adc counts]

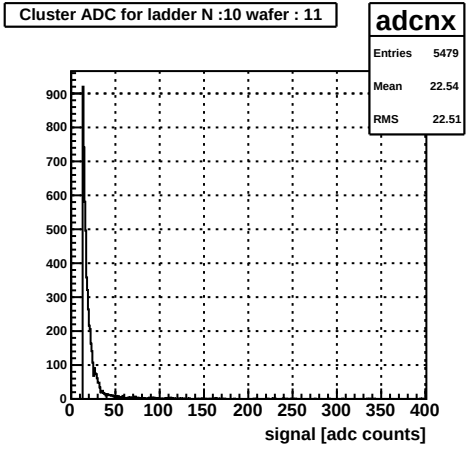

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2763
Mean 25.41
RMS 31.56
signal [adc counts]

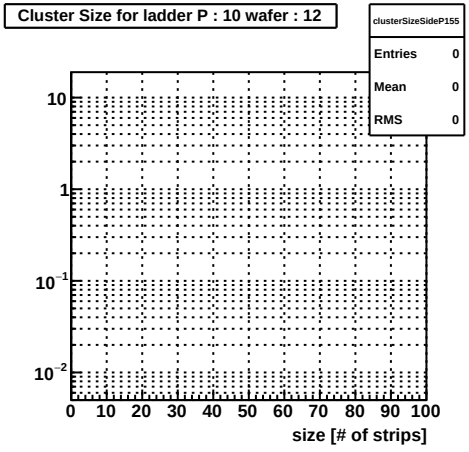

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5309
Mean 1.269
RMS 0.5738
size [# of strips]

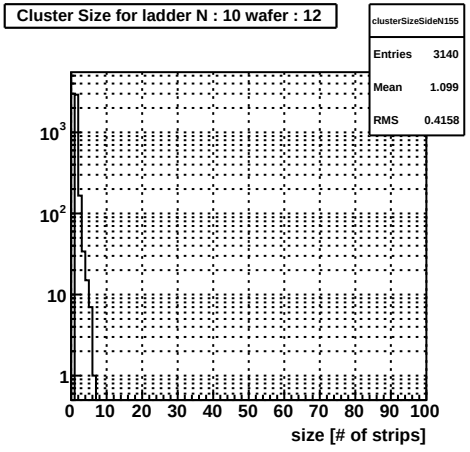

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5479
Mean 1.081
RMS 0.3502
size [# of strips]

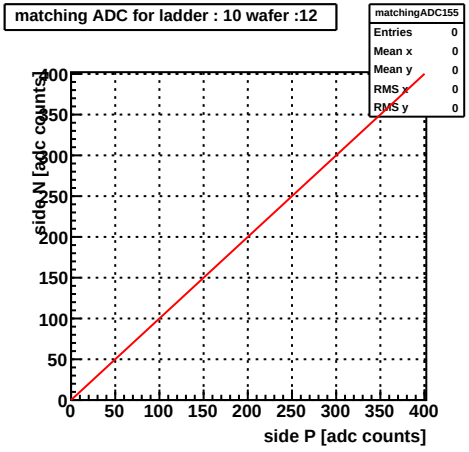

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 700
Mean x 51.11
Mean y 42.58
RMS x 49.88
RMS y 49.37
side N [adc counts]
side P [adc counts]

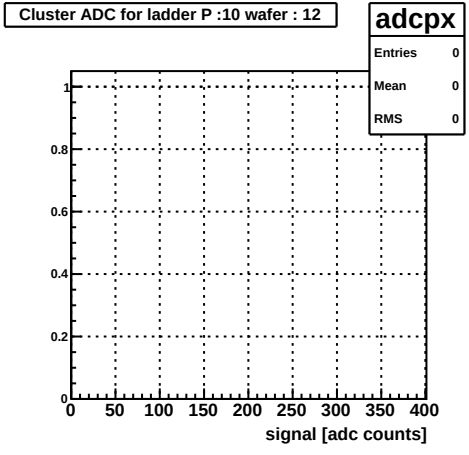

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5309
Mean 37.69
RMS 35.28
signal [adc counts]

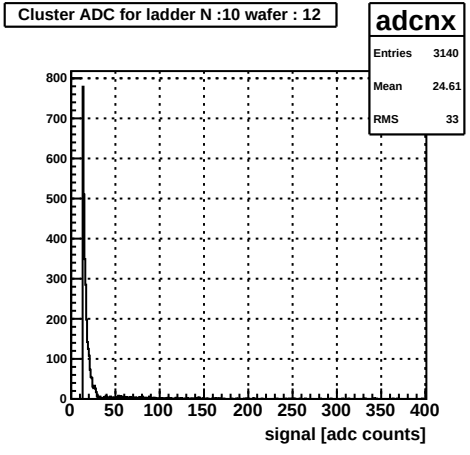

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5479
Mean 22.54
RMS 22.51
signal [adc counts]

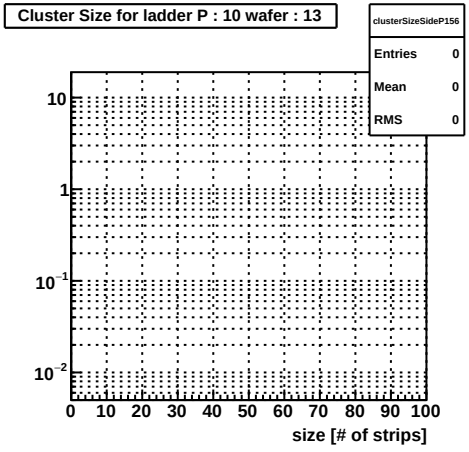

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

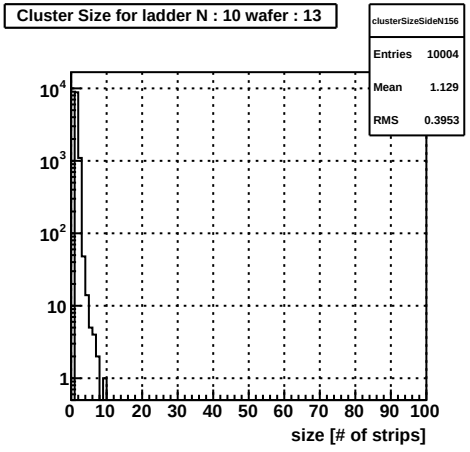

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3140
Mean 1.099
RMS 0.4158
size [# of strips]

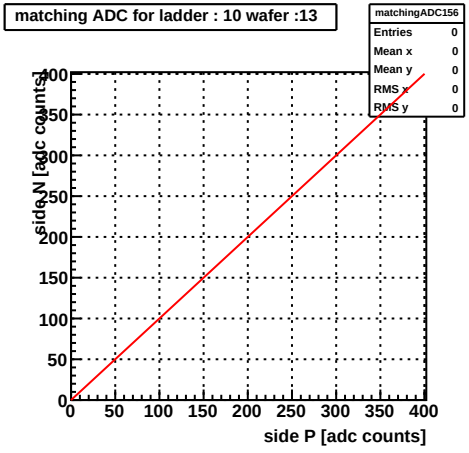

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

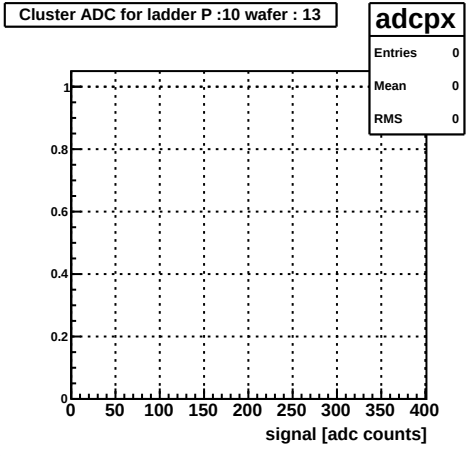

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

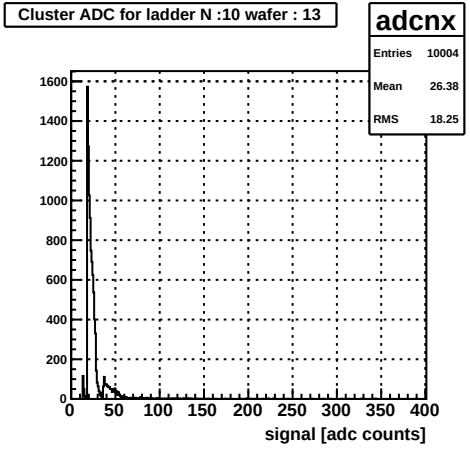

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3140
Mean 24.61
RMS 33
signal [adc counts]

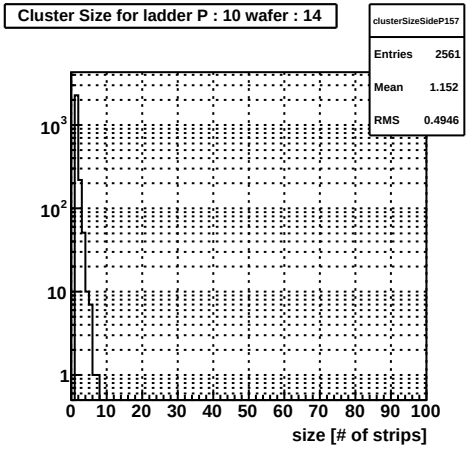

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

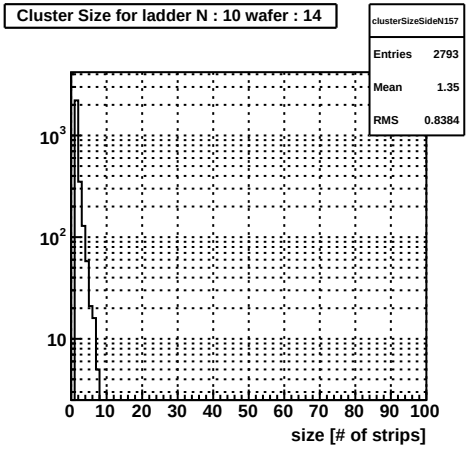

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 10004
Mean 1.129
RMS 0.3953
size [# of strips]

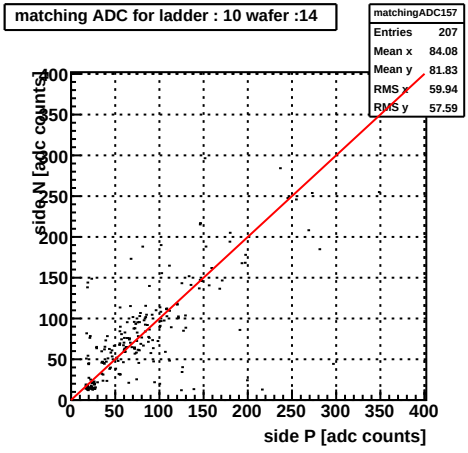

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

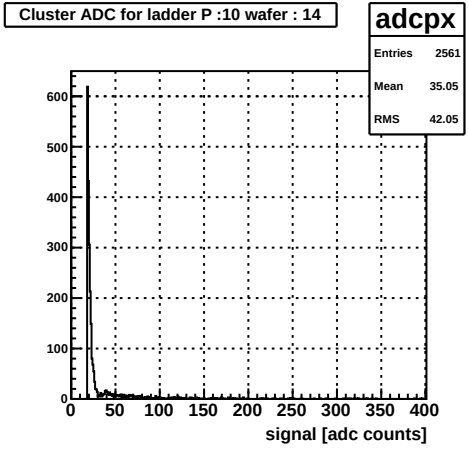

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

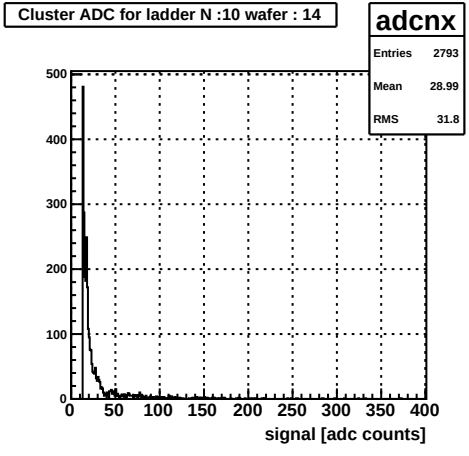

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 10004
Mean 26.38
RMS 18.25
signal [adc counts]

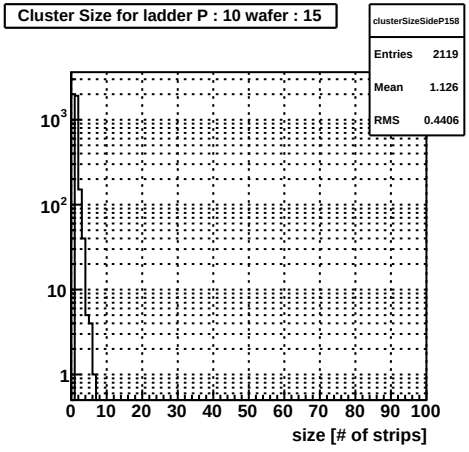

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2561
Mean 1.152
RMS 0.4946
size [# of strips]

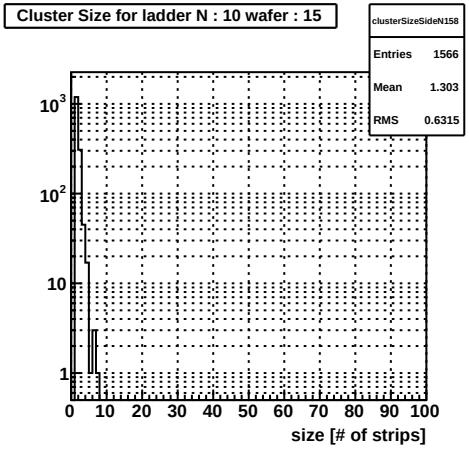

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2793
Mean 1.35
RMS 0.8384
size [# of strips]

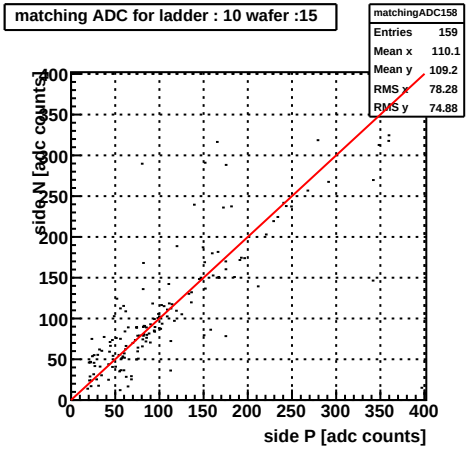

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 207
Mean x 84.08
Mean y 81.83
RMS x 59.94
RMS y 57.59
side N [adc counts]
side P [adc counts]

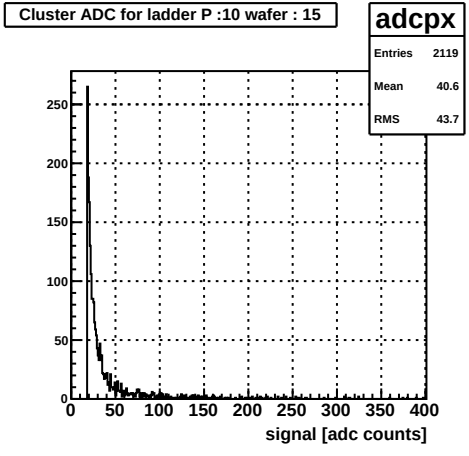

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2561
Mean 35.05
RMS 42.05
signal [adc counts]

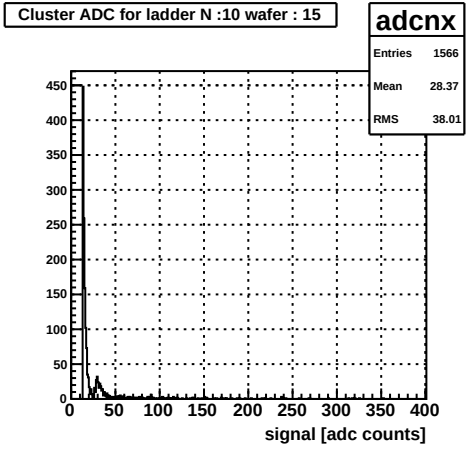

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2793
Mean 28.99
RMS 31.8
signal [adc counts]

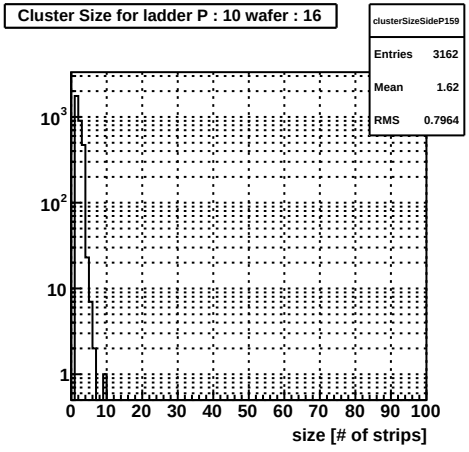

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2119
Mean 1.126
RMS 0.4406
size [# of strips]

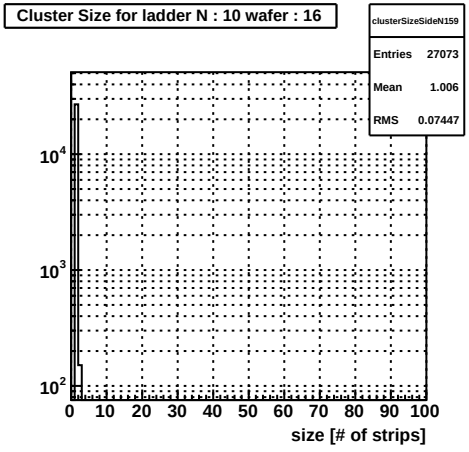

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1566
Mean 1.303
RMS 0.6315
size [# of strips]

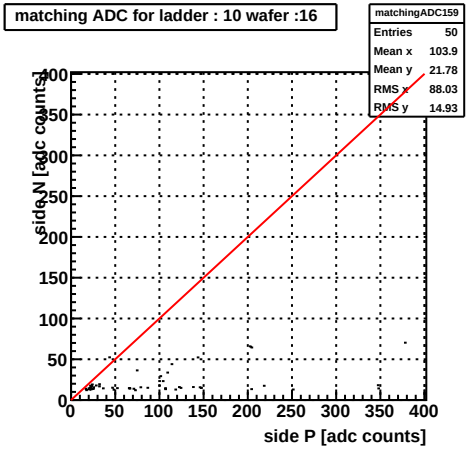

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 159
Mean x 110.1
Mean y 109.2
RMS x 78.28
RMS y 74.88
side N [adc counts]
side P [adc counts]

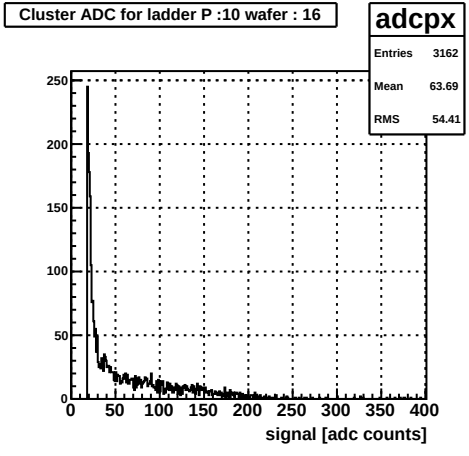

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2119
Mean 40.6
RMS 43.7
signal [adc counts]

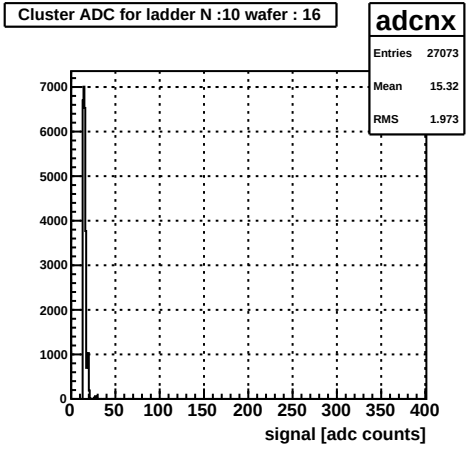

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1566
Mean 28.37
RMS 38.01
signal [adc counts]

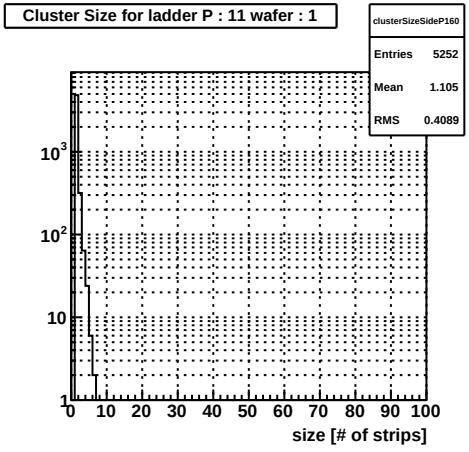

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3162
Mean 1.62
RMS 0.7964
size [# of strips]

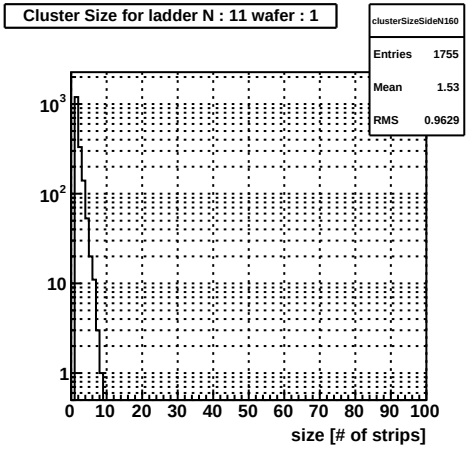

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 27073
Mean 1.006
RMS 0.07447
size [# of strips]

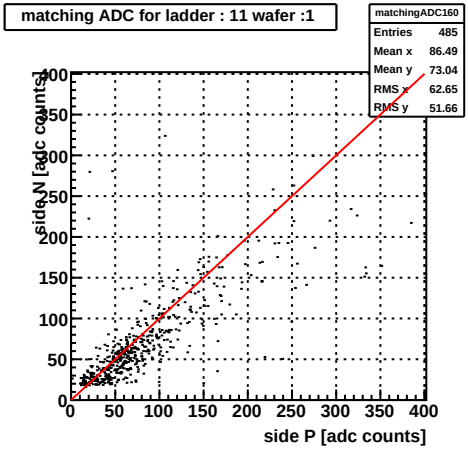

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 50
Mean x 103.9
Mean y 21.78
RMS x 88.03
RMS y 14.93
side N [adc counts]
side P [adc counts]

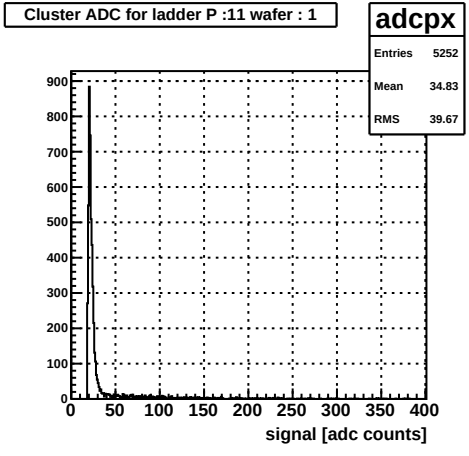

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3162
Mean 63.69
RMS 54.41
signal [adc counts]

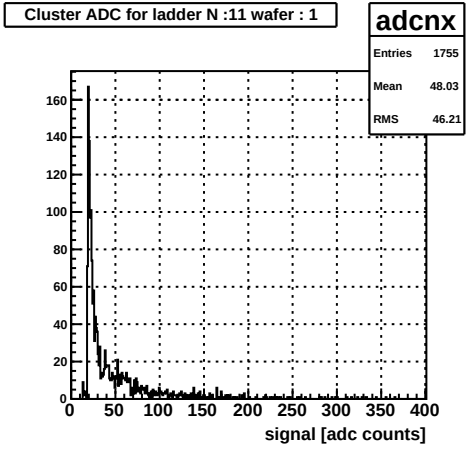

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 27073
Mean 15.32
RMS 1.973
signal [adc counts]

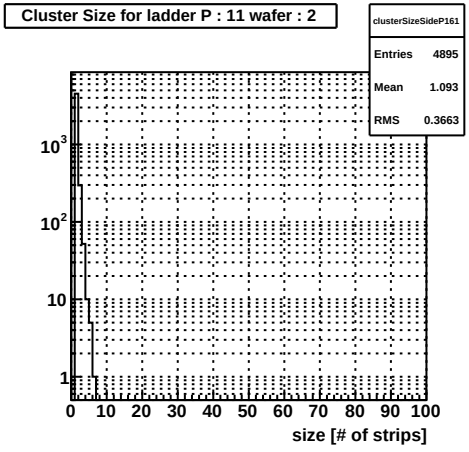

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5252
Mean 1.105
RMS 0.4089
size [# of strips]

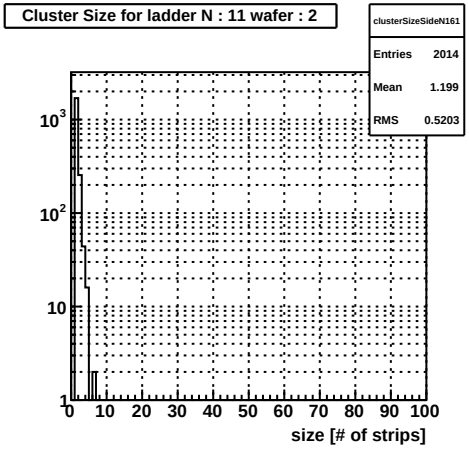

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1755
Mean 1.53
RMS 0.9629
size [# of strips]

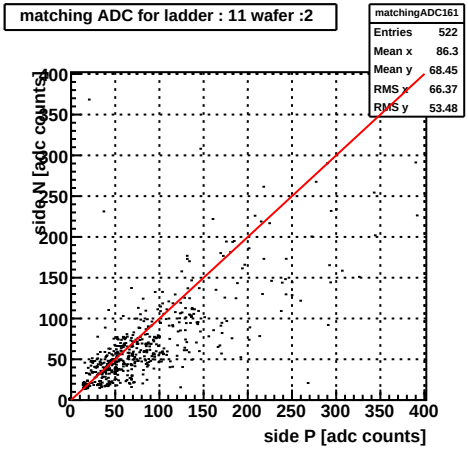

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 485
Mean x 86.49
Mean y 73.04
RMS x 62.65
RMS y 51.66
side N [adc counts]
side P [adc counts]

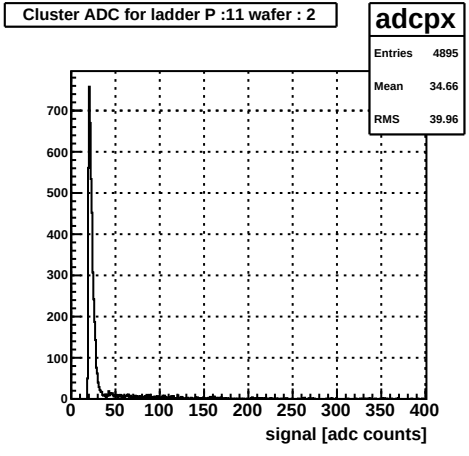

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5252
Mean 34.83
RMS 39.67
signal [adc counts]

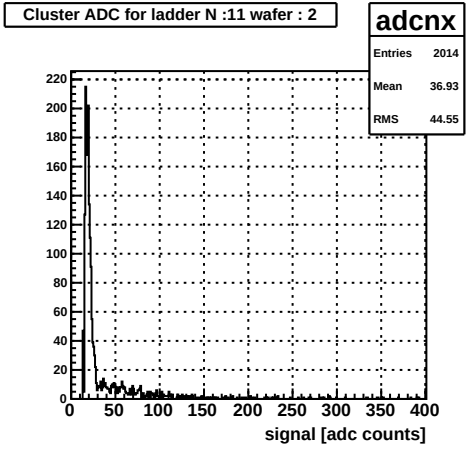

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1755
Mean 48.03
RMS 46.21
signal [adc counts]

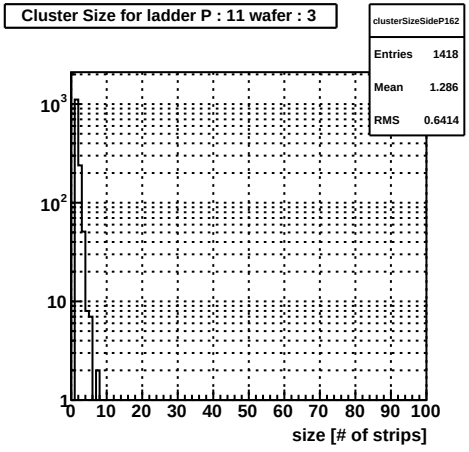

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4895
Mean 1.093
RMS 0.3663
size [# of strips]

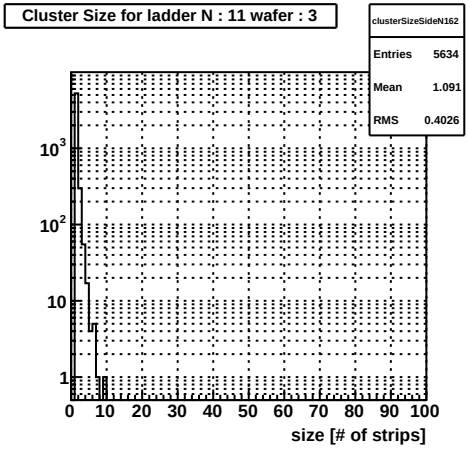

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2014
Mean 1.199
RMS 0.5203
size [# of strips]

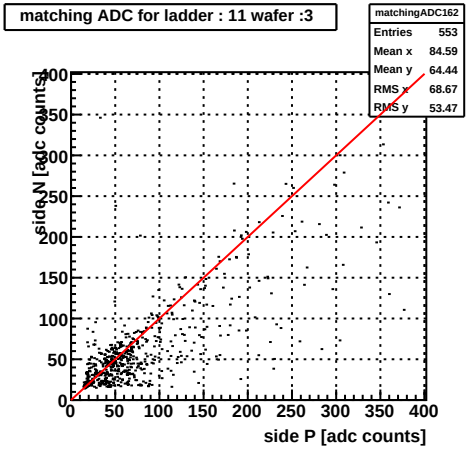

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 522
Mean x 86.3
Mean y 68.45
RMS x 66.37
RMS y 53.48
side N [adc counts]
side P [adc counts]

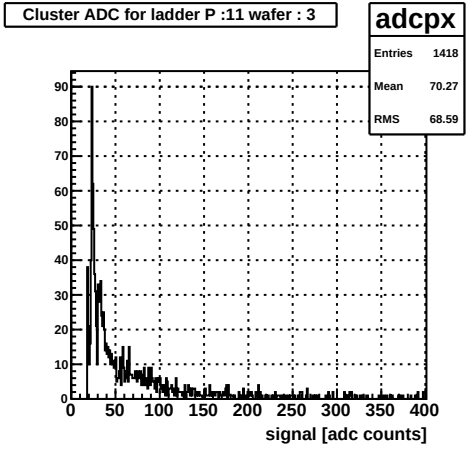

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4895
Mean 34.66
RMS 39.96
signal [adc counts]

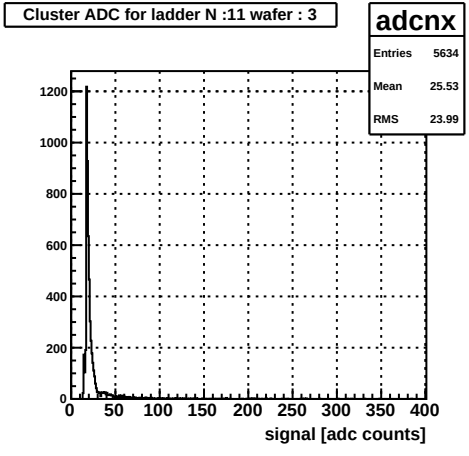

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2014
Mean 36.93
RMS 44.55
signal [adc counts]

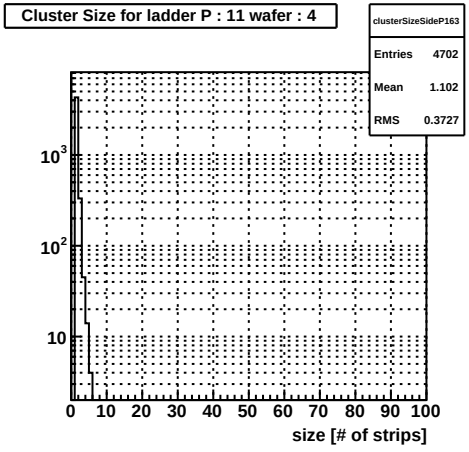

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1418
Mean 1.286
RMS 0.6414
size [# of strips]

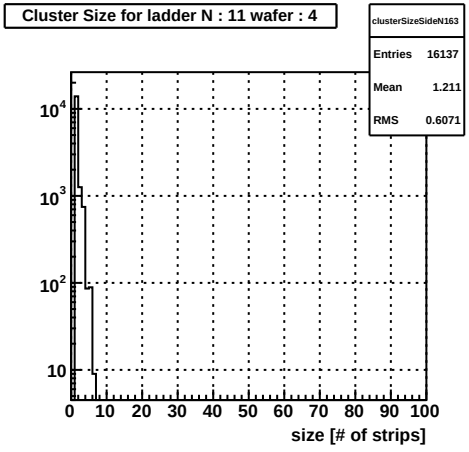

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 5634
Mean 1.091
RMS 0.4026
size [# of strips]

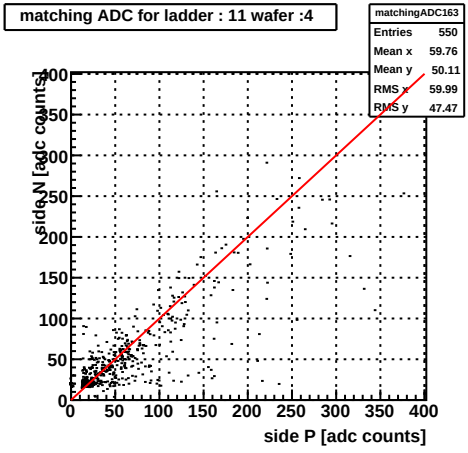

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 553
Mean x 84.59
Mean y 64.44
RMS x 68.67
RMS y 53.47
side N [adc counts]
side P [adc counts]

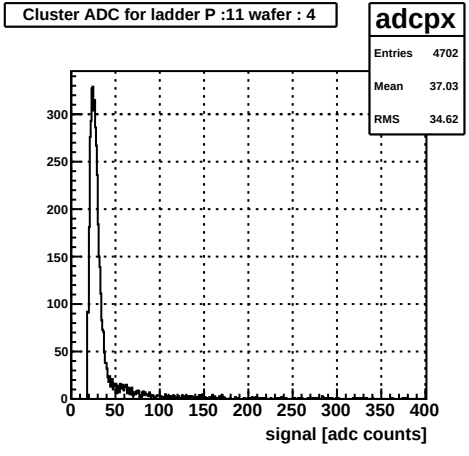

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1418
Mean 70.27
RMS 68.59
signal [adc counts]

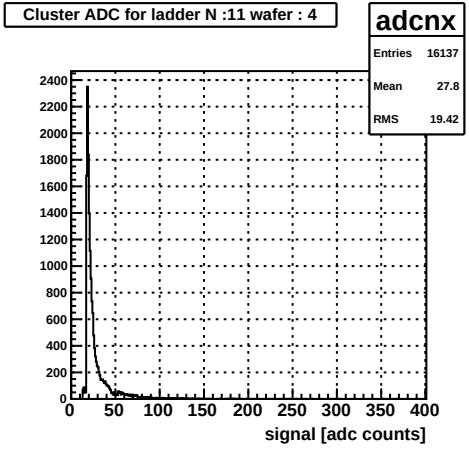

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 5634
Mean 25.53
RMS 23.99
signal [adc counts]

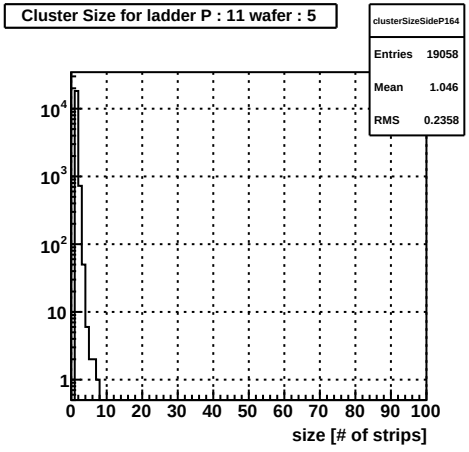

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4702
Mean 1.102
RMS 0.3727
size [# of strips]

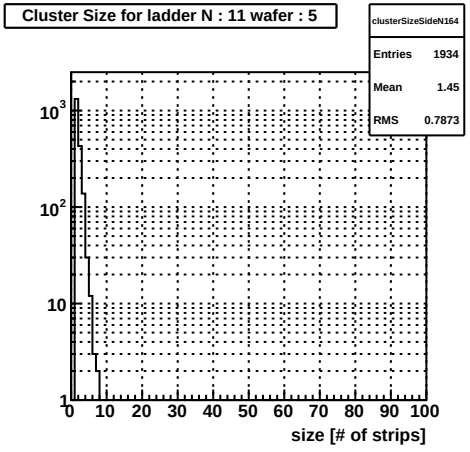

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 16137
Mean 1.211
RMS 0.6071
size [# of strips]

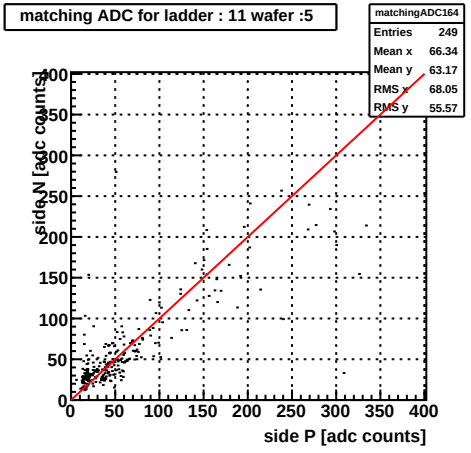

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 550
Mean x 59.76
Mean y 50.11
RMS x 59.99
RMS y 47.47
side N [adc counts]
side P [adc counts]

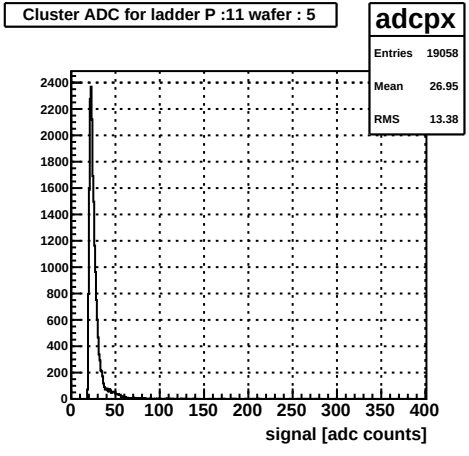

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4702
Mean 37.03
RMS 34.62
signal [adc counts]

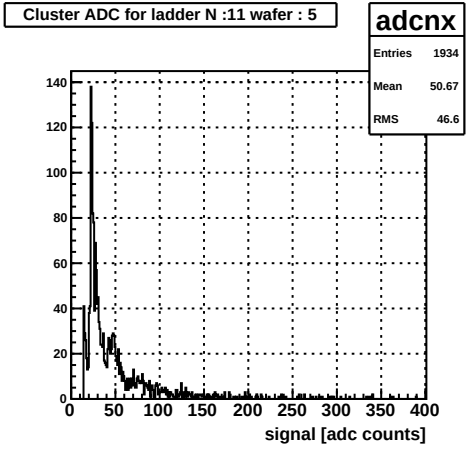

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 16137
Mean 27.8
RMS 19.42
signal [adc counts]

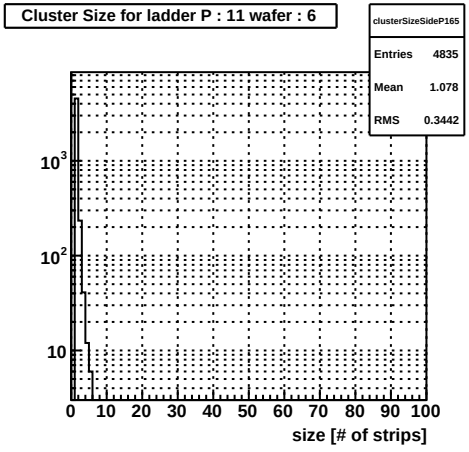

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 19058
Mean 1.046
RMS 0.2358
size [# of strips]

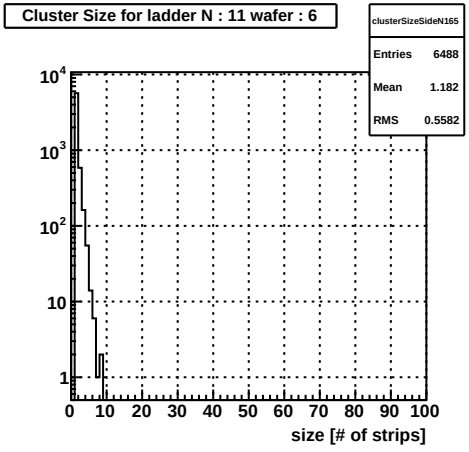

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1934
Mean 1.45
RMS 0.7873
size [# of strips]

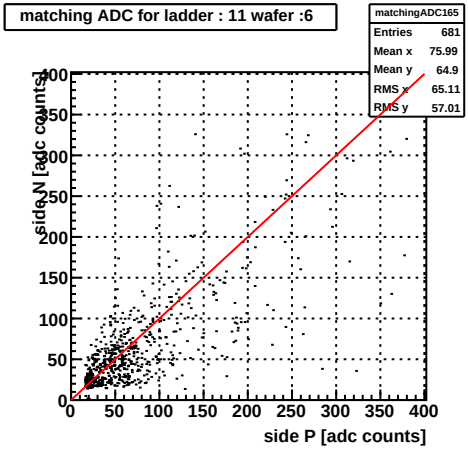

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 249
Mean x 66.34
Mean y 63.17
RMS x 68.05
RMS y 55.57
side N [adc counts]
side P [adc counts]

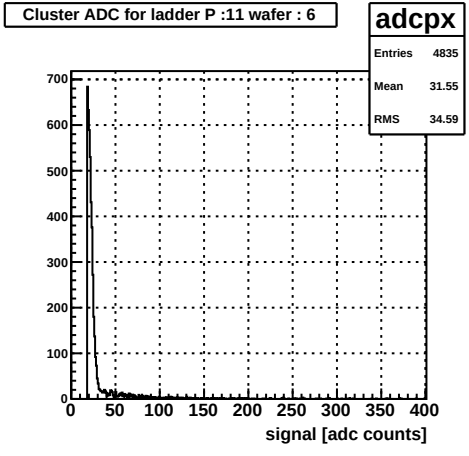

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 19058
Mean 26.95
RMS 13.38
signal [adc counts]

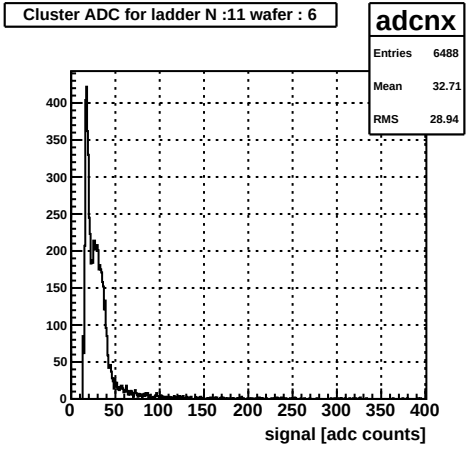

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1934
Mean 50.67
RMS 46.6
signal [adc counts]

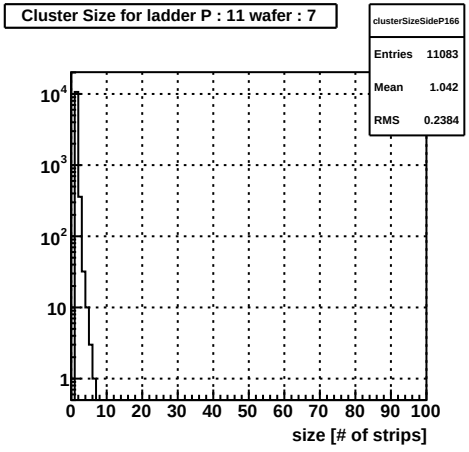

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4835
Mean 1.078
RMS 0.3442
size [# of strips]

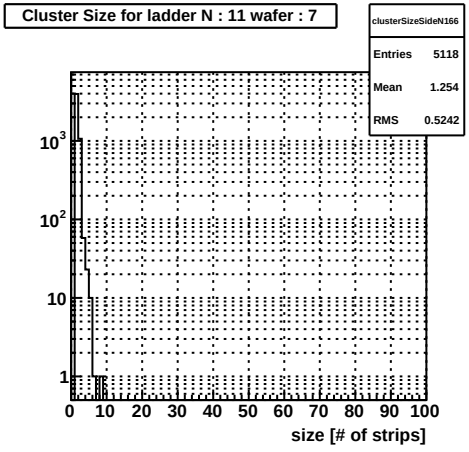

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 6488
Mean 1.182
RMS 0.5582
size [# of strips]

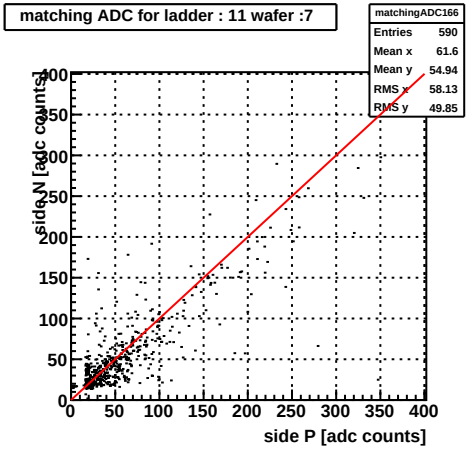

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 681
Mean x 75.99
Mean y 64.9
RMS x 65.11
RMS y 57.01
side N [adc counts]
side P [adc counts]

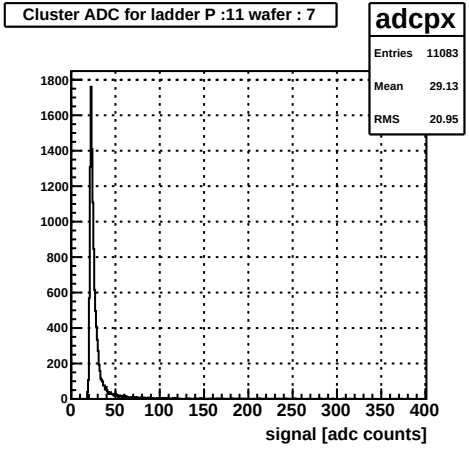

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4835
Mean 31.55
RMS 34.59
signal [adc counts]

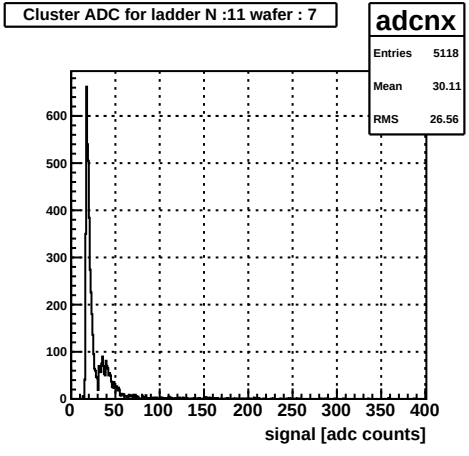

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 6488
Mean 32.71
RMS 28.94
signal [adc counts]

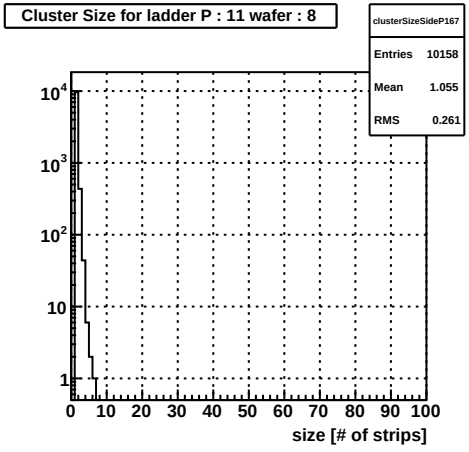

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 11083
Mean 1.042
RMS 0.2384
size [# of strips]

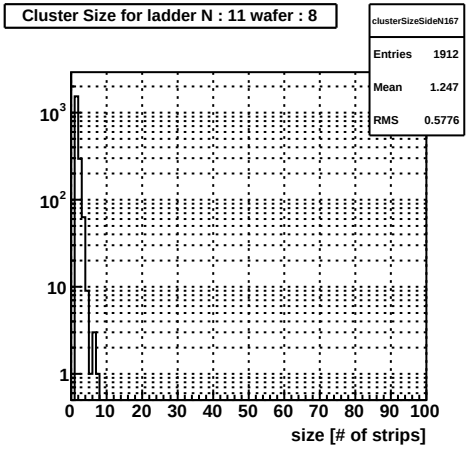

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 5118
Mean 1.254
RMS 0.5242
size [# of strips]

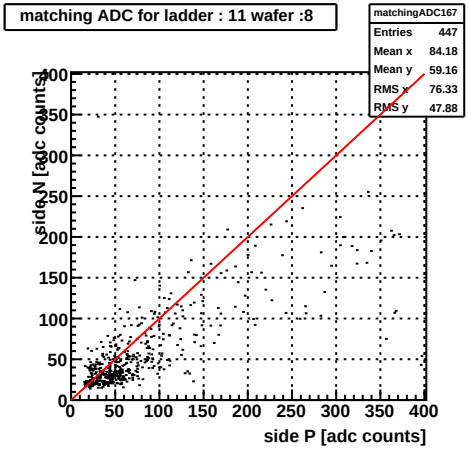

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 590
Mean x 61.6
Mean y 54.94
RMS x 58.13
RMS y 49.85
side N [adc counts]
side P [adc counts]

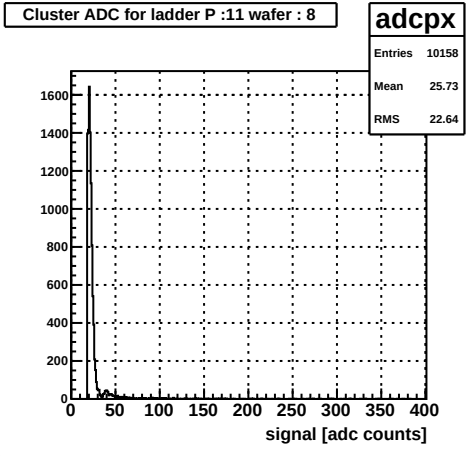

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 11083
Mean 29.13
RMS 20.95
signal [adc counts]

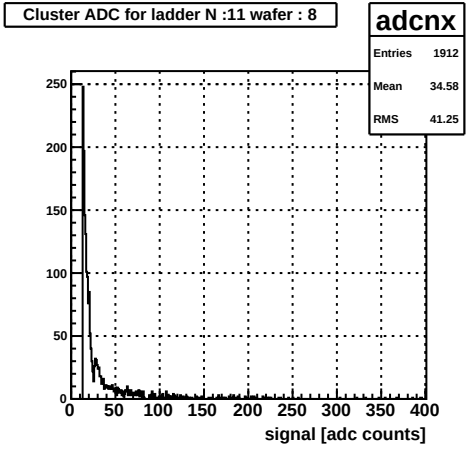

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 5118
Mean 30.11
RMS 26.56
signal [adc counts]

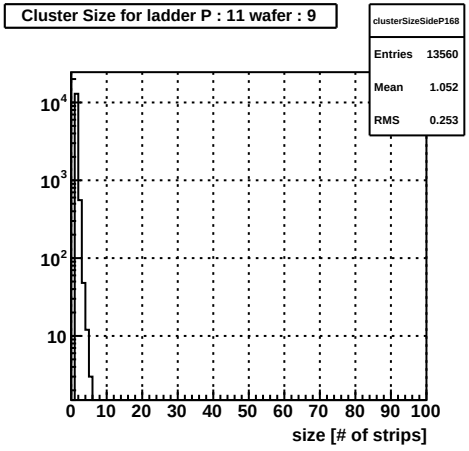

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 10158
Mean 1.055
RMS 0.261
size [# of strips]

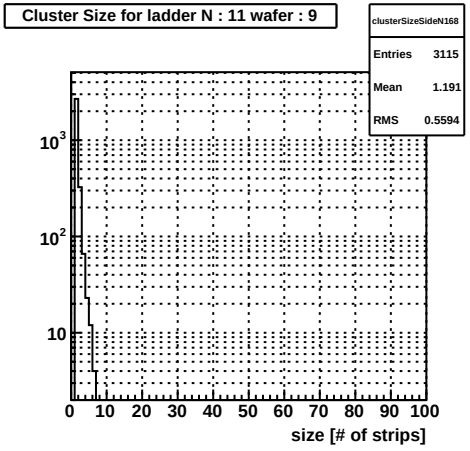

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1912
Mean 1.247
RMS 0.5776
size [# of strips]

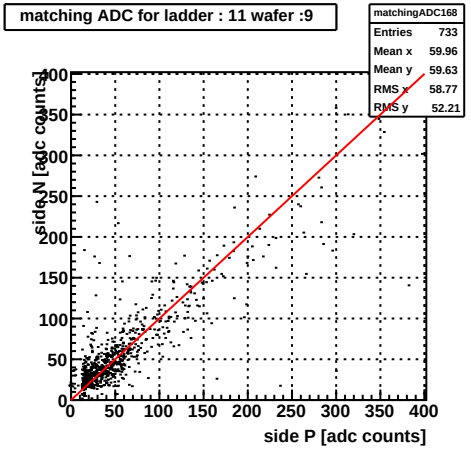

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 447
Mean x 84.18
Mean y 59.16
RMS x 76.33
RMS y 47.88
side N [adc counts]
side P [adc counts]

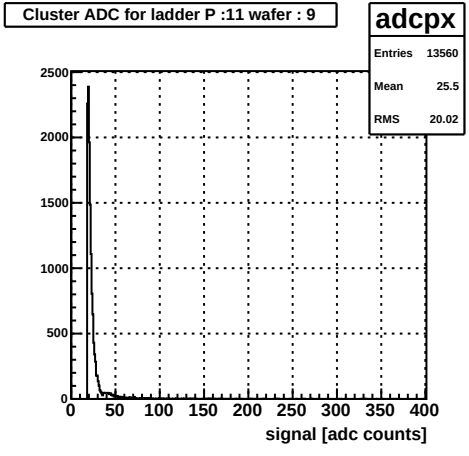

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 10158
Mean 25.73
RMS 22.64
signal [adc counts]

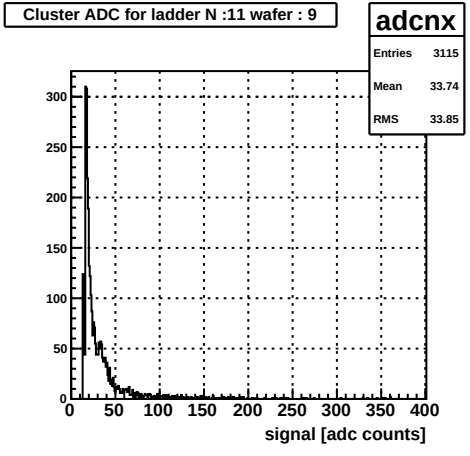

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1912
Mean 34.58
RMS 41.25
signal [adc counts]

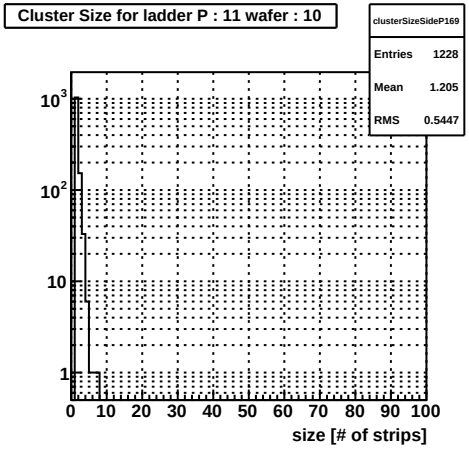

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 13560
Mean 1.052
RMS 0.253
size [# of strips]

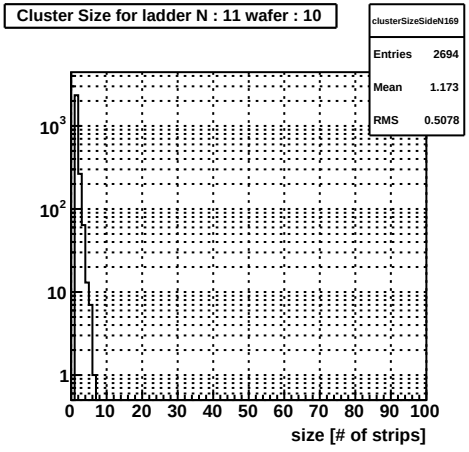

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3115
Mean 1.191
RMS 0.5594
size [# of strips]

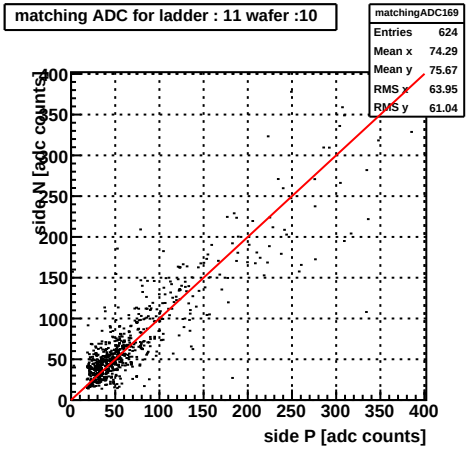

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 733
Mean x 59.96
Mean y 59.63
RMS x 58.77
RMS y 52.21
side N [adc counts]
side P [adc counts]

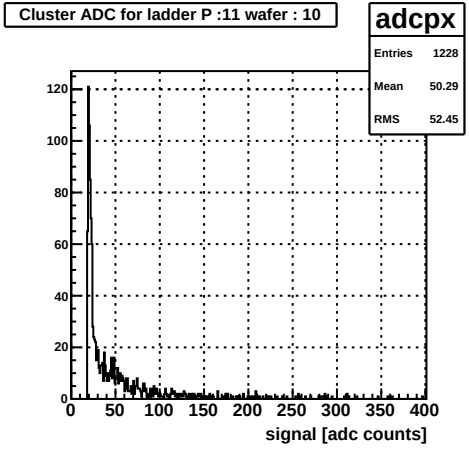

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 13560
Mean 25.5
RMS 20.02
signal [adc counts]

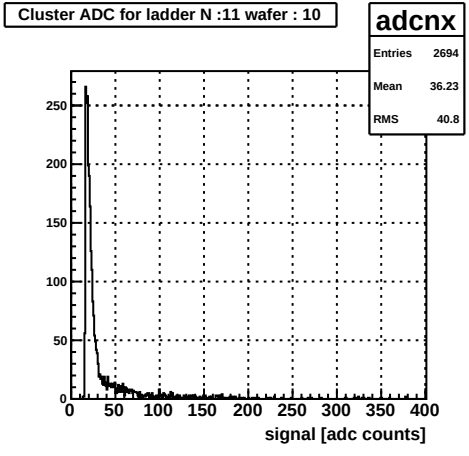

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3115
Mean 33.74
RMS 33.85
signal [adc counts]

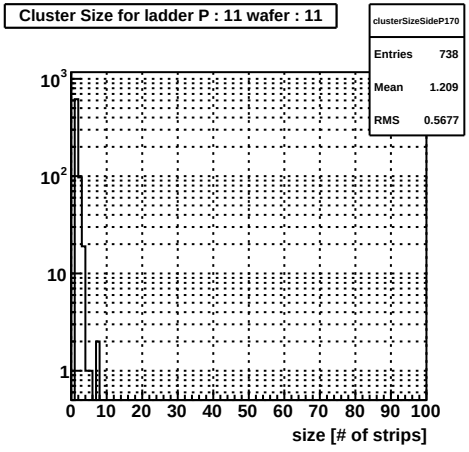

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1228
Mean 1.205
RMS 0.5447
size [# of strips]

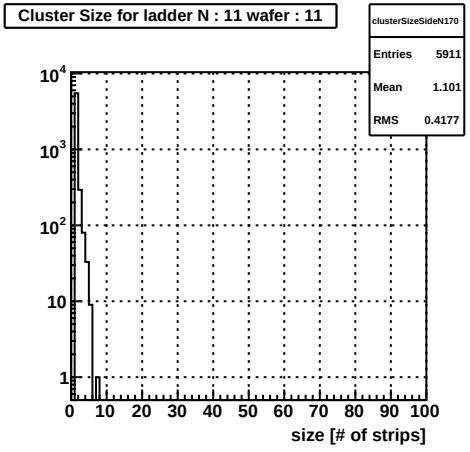

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2694
Mean 1.173
RMS 0.5078
size [# of strips]

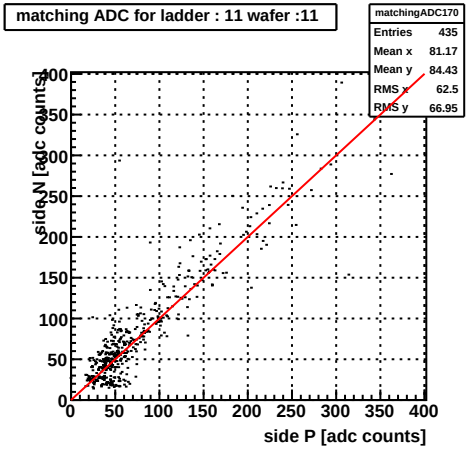

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 624
Mean x 74.29
Mean y 75.67
RMS x 63.95
RMS y 61.04
side N [adc counts]
side P [adc counts]

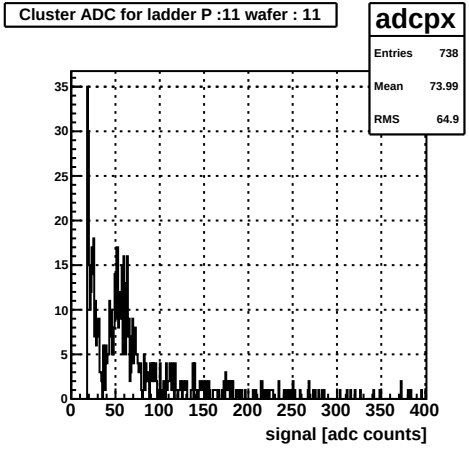

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1228
Mean 50.29
RMS 52.45
signal [adc counts]

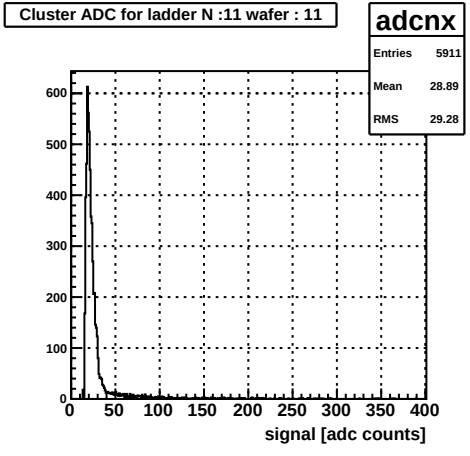

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2694
Mean 36.23
RMS 40.8
signal [adc counts]

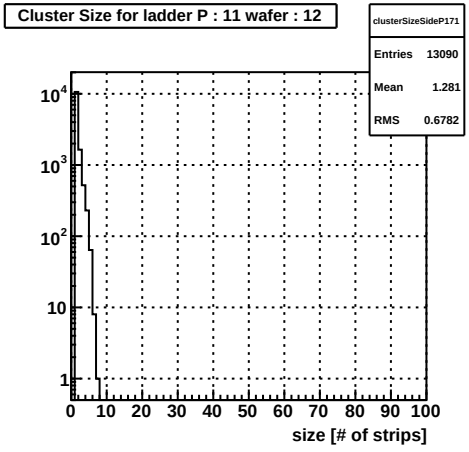

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 738
Mean 1.209
RMS 0.5677
size [# of strips]

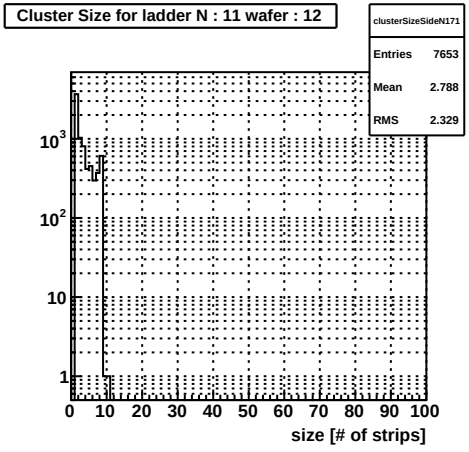

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 5911
Mean 1.101
RMS 0.4177
size [# of strips]

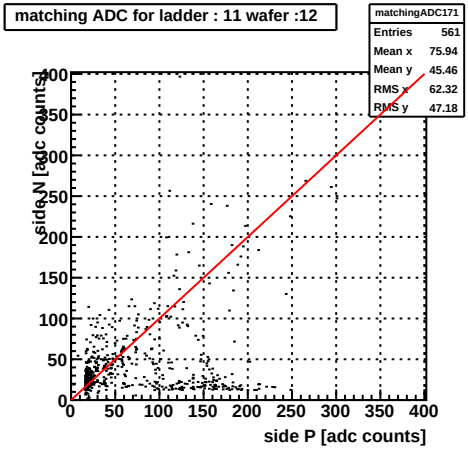

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 435
Mean x 81.17
Mean y 84.43
RMS x 62.5
RMS y 66.95
side N [adc counts]
side P [adc counts]

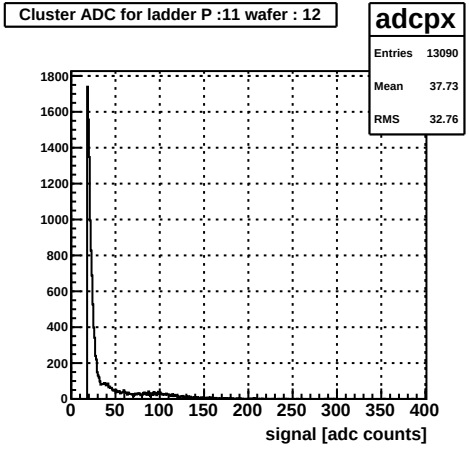

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 738
Mean 73.99
RMS 64.9
signal [adc counts]

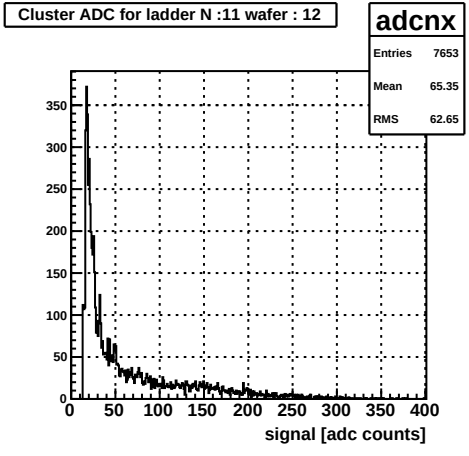

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 5911
Mean 28.89
RMS 29.28
signal [adc counts]

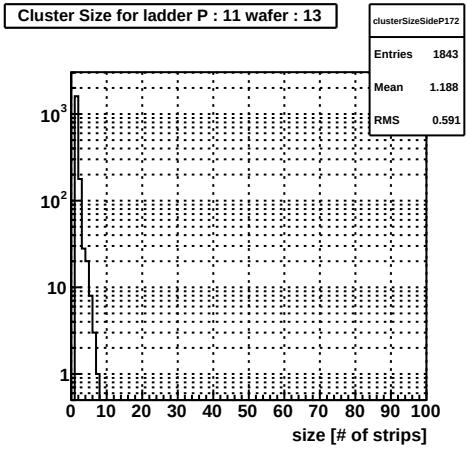

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13090
Mean 1.281
RMS 0.6782
size [# of strips]

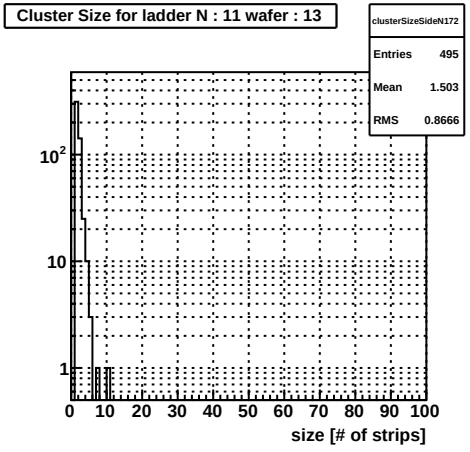

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7653
Mean 2.788
RMS 2.329
size [# of strips]

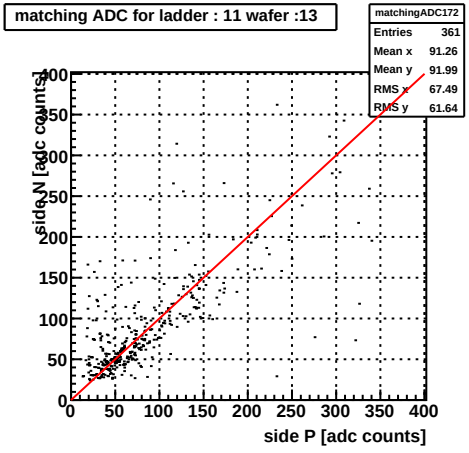

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 561
Mean x 75.94
Mean y 45.46
RMS x 62.32
RMS y 47.18
side N [adc counts]
side P [adc counts]

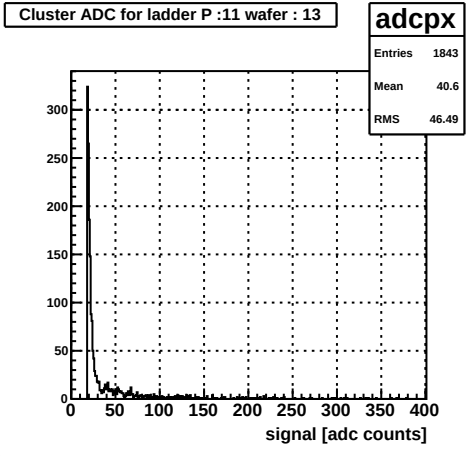

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13090
Mean 37.73
RMS 32.76
signal [adc counts]

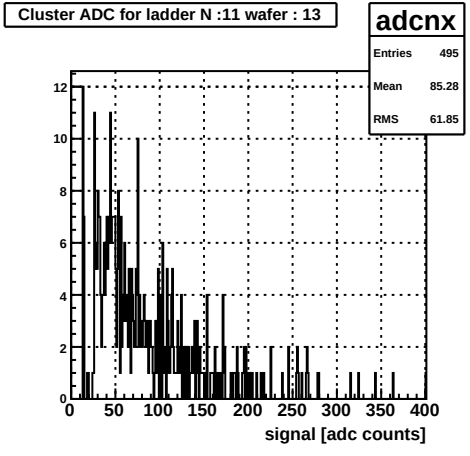

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7653
Mean 65.35
RMS 62.65
signal [adc counts]

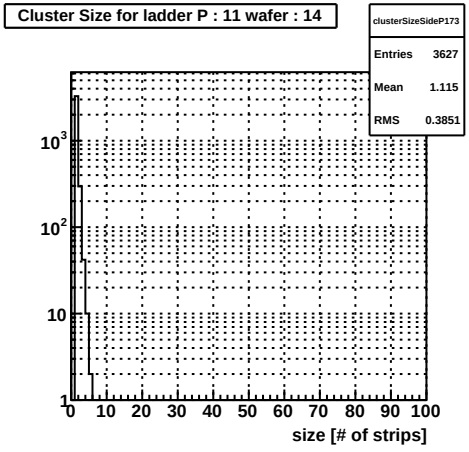

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1843
Mean 1.188
RMS 0.591
size [# of strips]

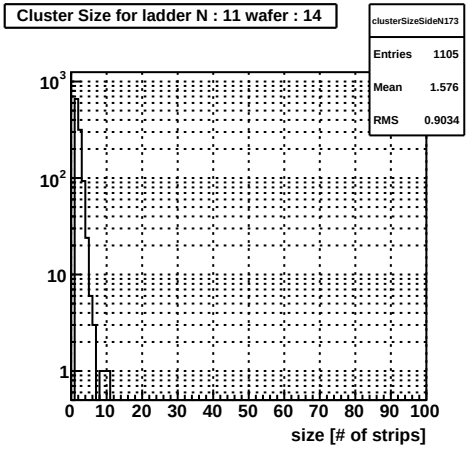

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 495
Mean 1.503
RMS 0.8666
size [# of strips]

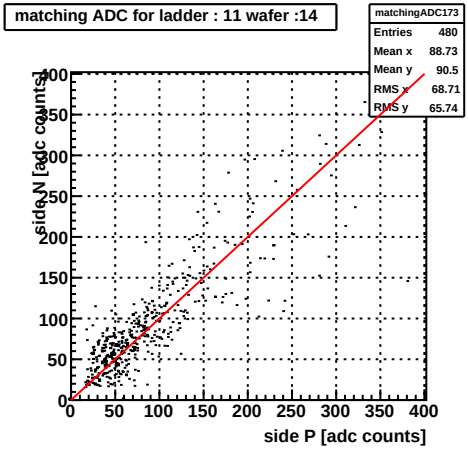

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 361
Mean x 91.26
Mean y 91.99
RMS x 67.49
RMS y 61.64
side N [adc counts]
side P [adc counts]

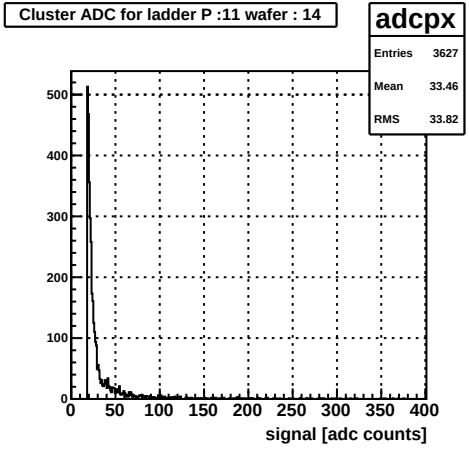

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1843
Mean 40.6
RMS 46.49
signal [adc counts]

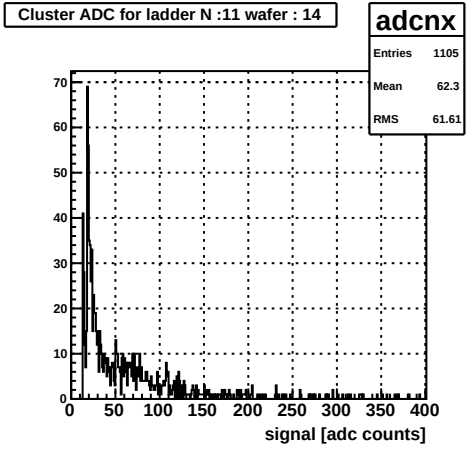

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 495
Mean 85.28
RMS 61.85
signal [adc counts]

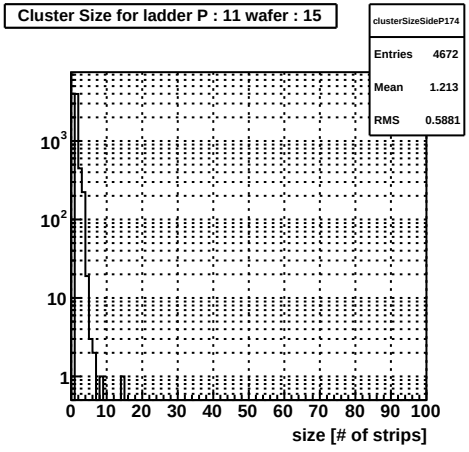

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3627
Mean 1.115
RMS 0.3851
size [# of strips]

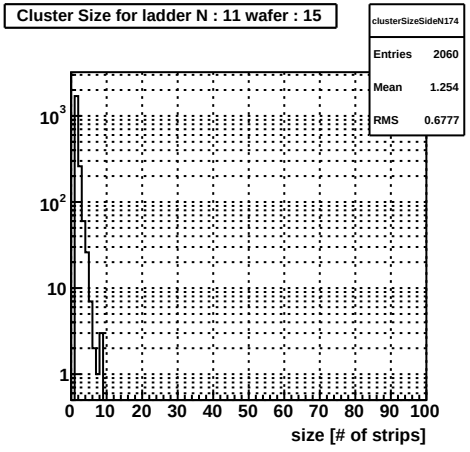

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1105
Mean 1.576
RMS 0.9034
size [# of strips]

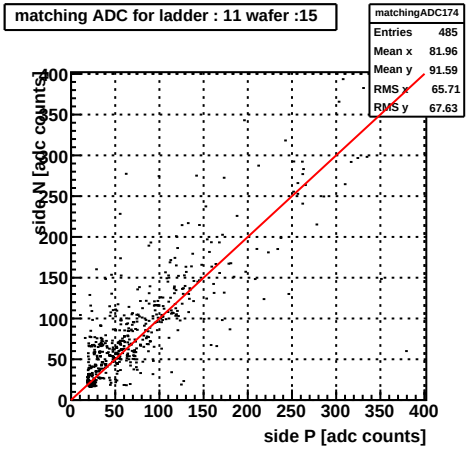

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 480
Mean x 88.73
Mean y 90.5
RMS x 68.71
RMS y 65.74
side N [adc counts]
side P [adc counts]

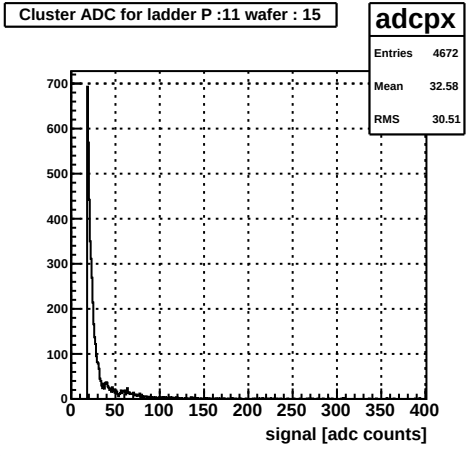

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3627
Mean 33.46
RMS 33.82
signal [adc counts]

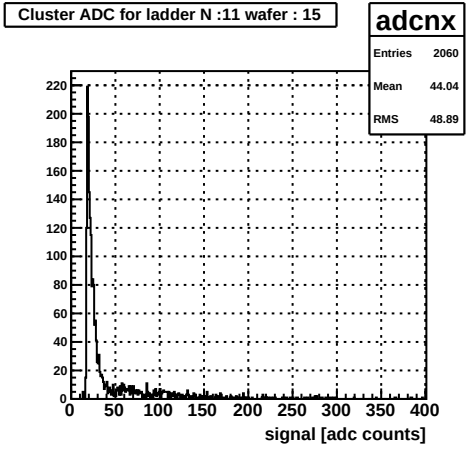

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1105
Mean 62.3
RMS 61.61
signal [adc counts]

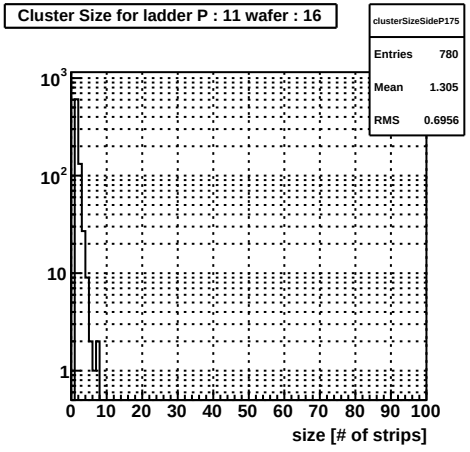

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4672
Mean 1.213
RMS 0.5881
size [# of strips]

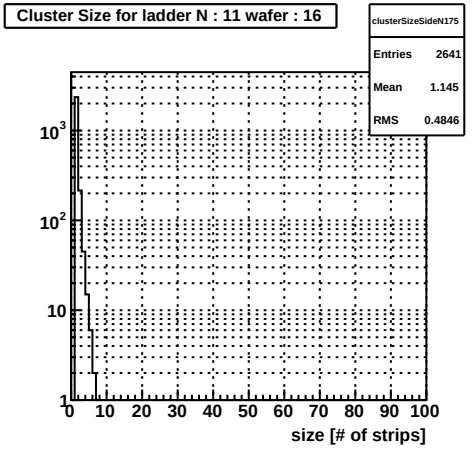

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2060
Mean 1.254
RMS 0.6777
size [# of strips]

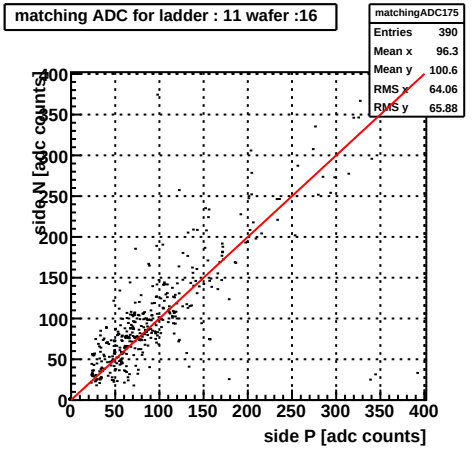

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 485
Mean x 81.96
Mean y 91.59
RMS x 65.71
RMS y 67.63
side N [adc counts]
side P [adc counts]

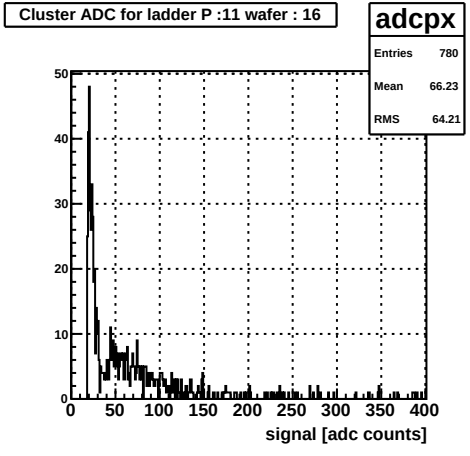

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4672
Mean 32.58
RMS 30.51
signal [adc counts]

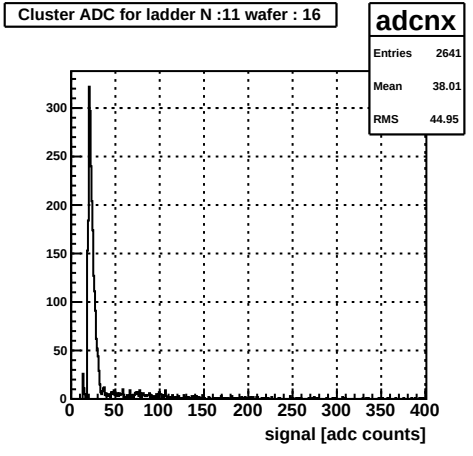

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2060
Mean 44.04
RMS 48.89
signal [adc counts]

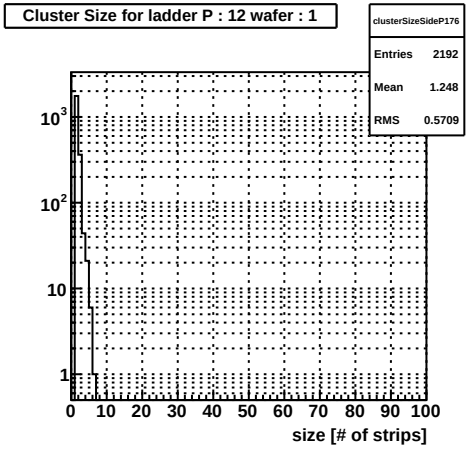

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 780
Mean 1.305
RMS 0.6956
size [# of strips]

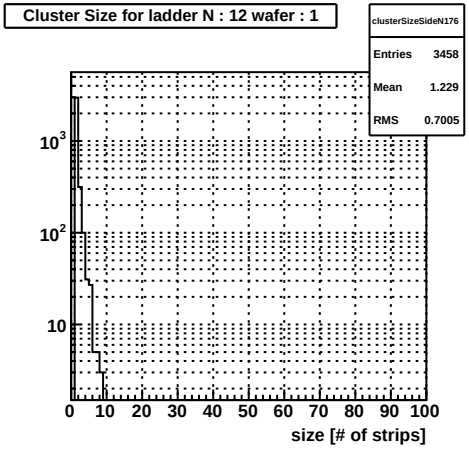

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2641
Mean 1.145
RMS 0.4846
size [# of strips]

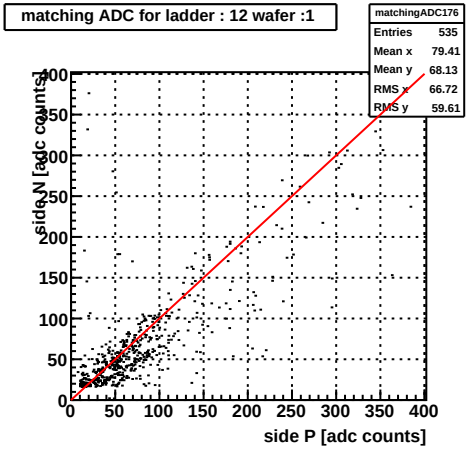

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 390
Mean x 96.3
Mean y 100.6
RMS x 64.06
RMS y 65.88
side N [adc counts]
side P [adc counts]

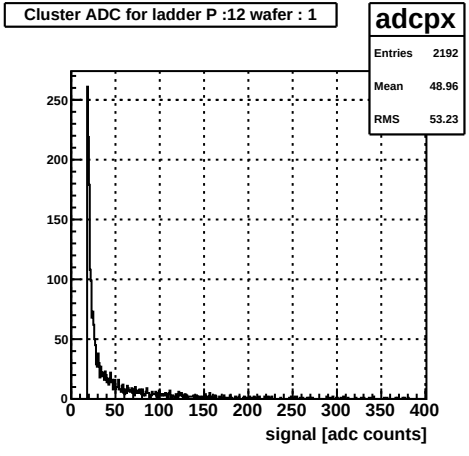

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 780
Mean 66.23
RMS 64.21
signal [adc counts]

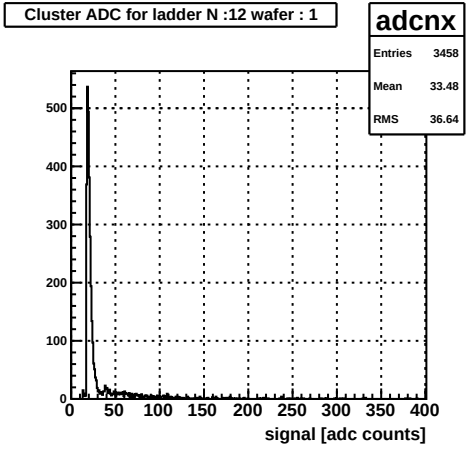

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2641
Mean 38.01
RMS 44.95
signal [adc counts]

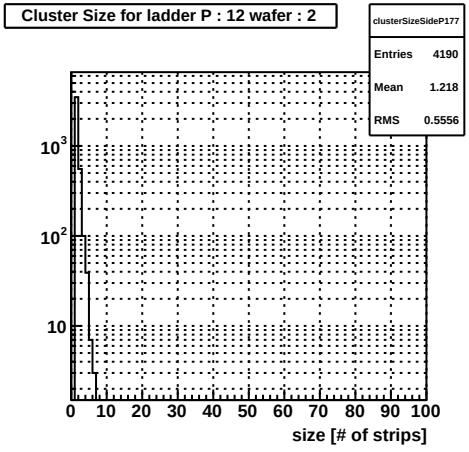

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2192
Mean 1.248
RMS 0.5709
size [# of strips]

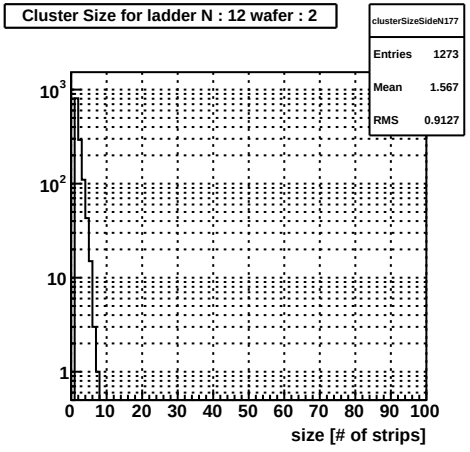

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3458
Mean 1.229
RMS 0.7005
size [# of strips]

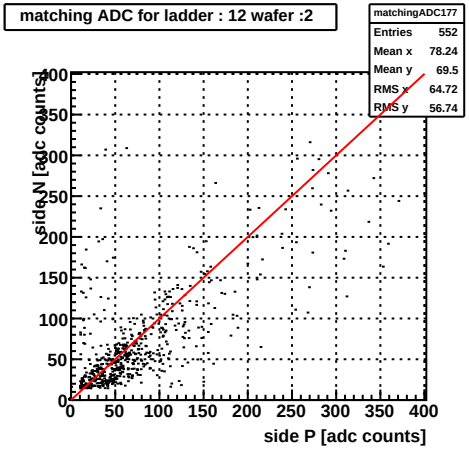

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 535
Mean x 79.41
Mean y 68.13
RMS x 66.72
RMS y 59.61
side N [adc counts]
side P [adc counts]

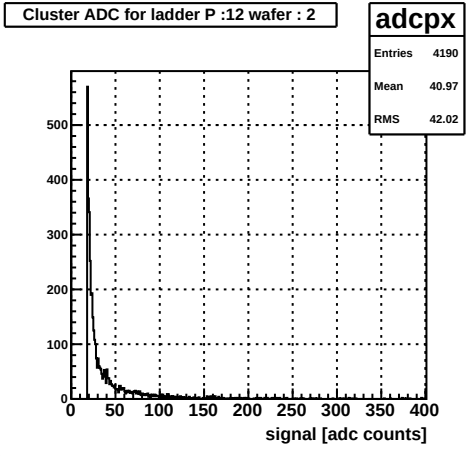

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2192
Mean 48.96
RMS 53.23
signal [adc counts]

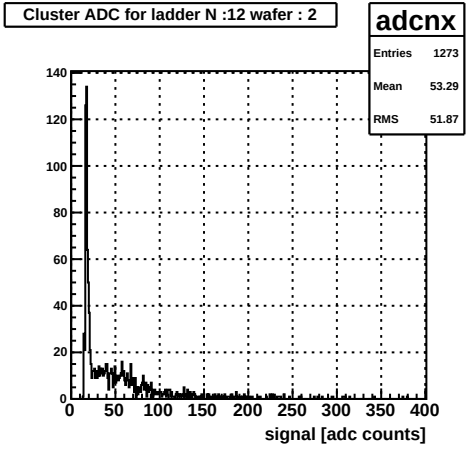

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3458
Mean 33.48
RMS 36.64
signal [adc counts]

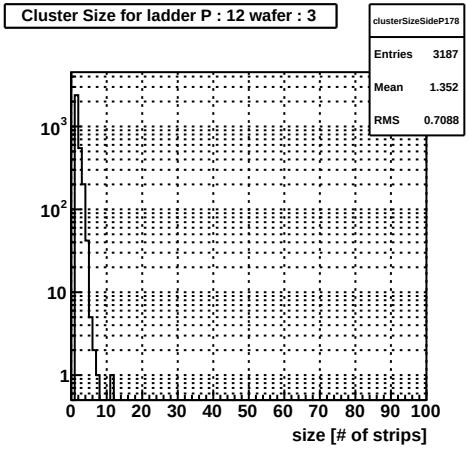

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4190
Mean 1.218
RMS 0.5556
size [# of strips]

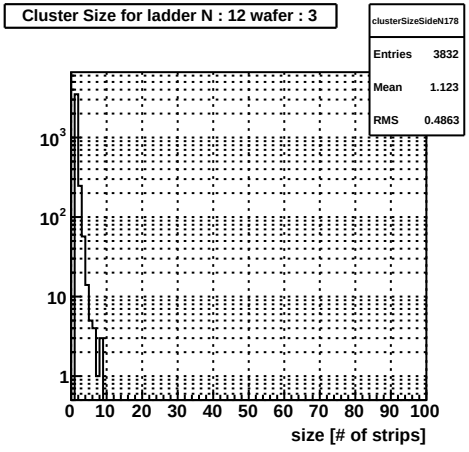

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1273
Mean 1.567
RMS 0.9127
size [# of strips]

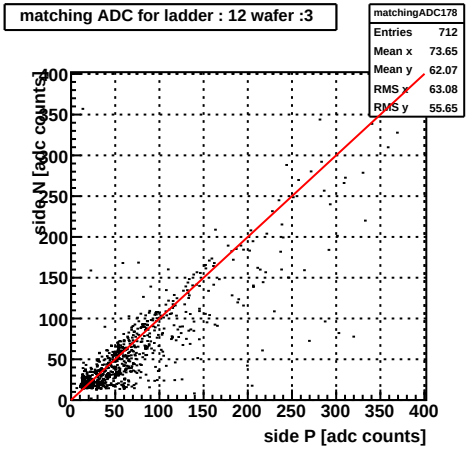

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 552
Mean x 78.24
Mean y 69.5
RMS x 64.72
RMS y 56.74
side N [adc counts]
side P [adc counts]

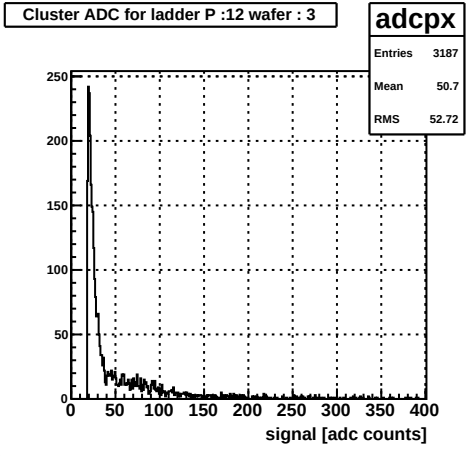

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4190
Mean 40.97
RMS 42.02
signal [adc counts]

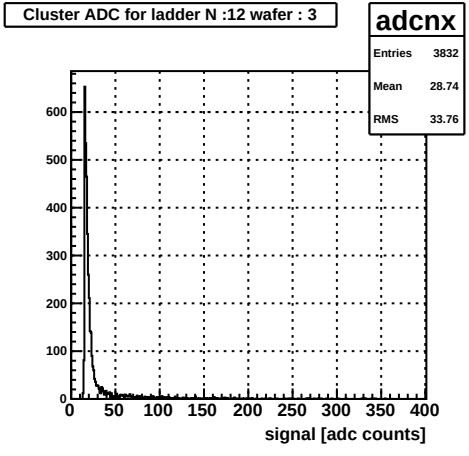

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1273
Mean 53.29
RMS 51.87
signal [adc counts]

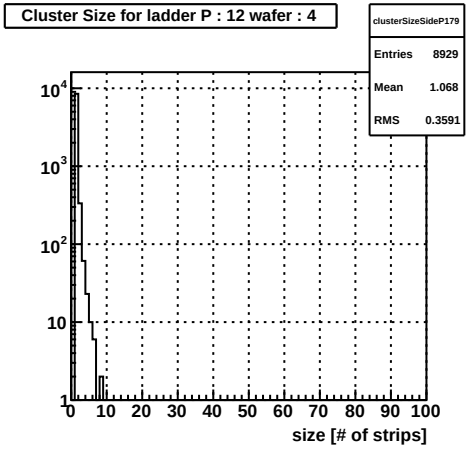

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3187
Mean 1.352
RMS 0.7088
size [# of strips]

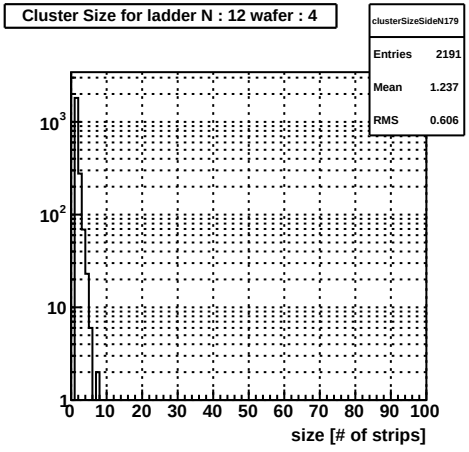

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3832
Mean 1.123
RMS 0.4863
size [# of strips]

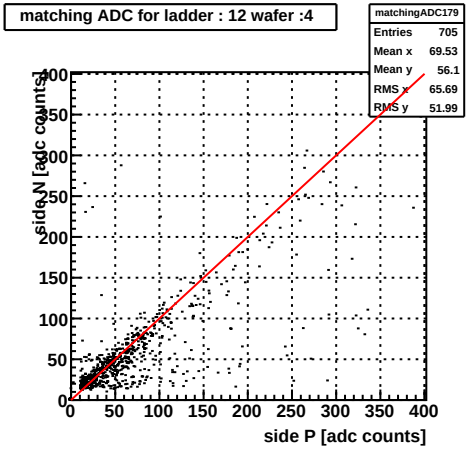

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 712
Mean x 73.65
Mean y 62.07
RMS x 63.08
RMS y 55.65
side N [adc counts]
side P [adc counts]

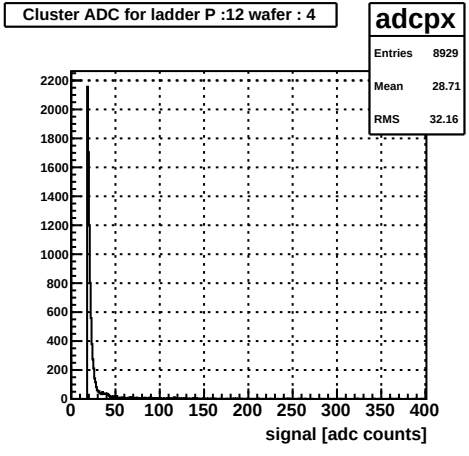

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3187
Mean 50.7
RMS 52.72
signal [adc counts]

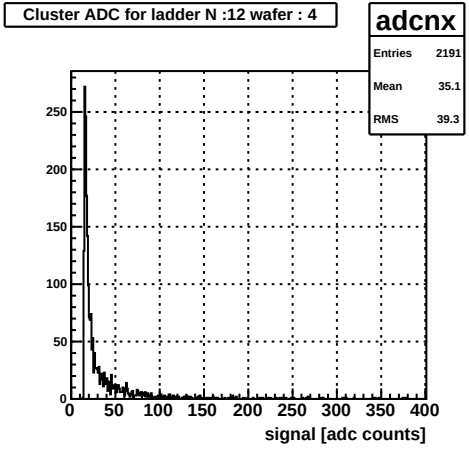

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3832
Mean 28.74
RMS 33.76
signal [adc counts]

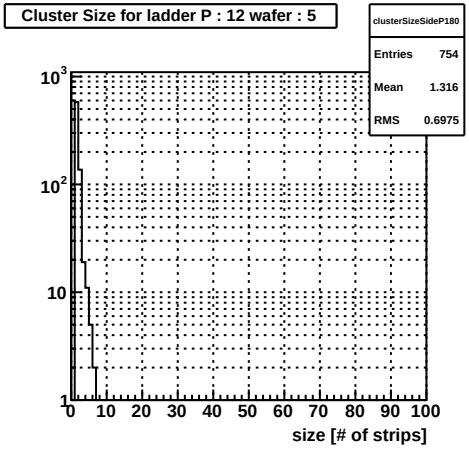

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 8929
Mean 1.068
RMS 0.3591
size [# of strips]

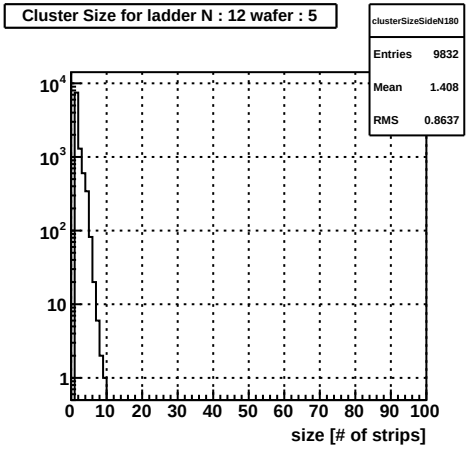

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2191
Mean 1.237
RMS 0.606
size [# of strips]

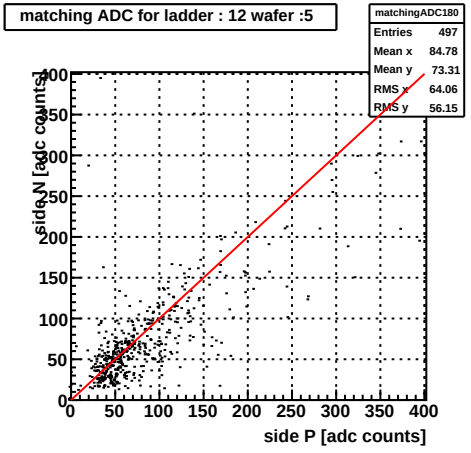

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 705
Mean x 69.53
Mean y 56.1
RMS x 65.69
RMS y 51.99
side N [adc counts]
side P [adc counts]

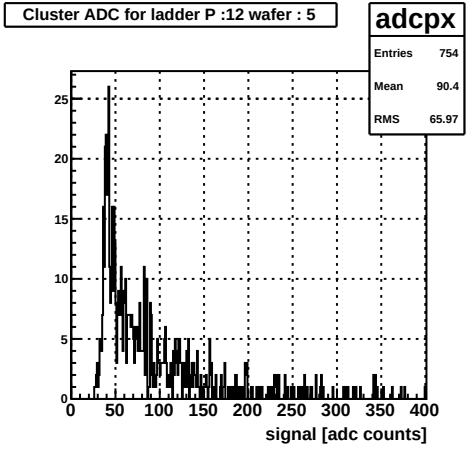

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 8929
Mean 28.71
RMS 32.16
signal [adc counts]

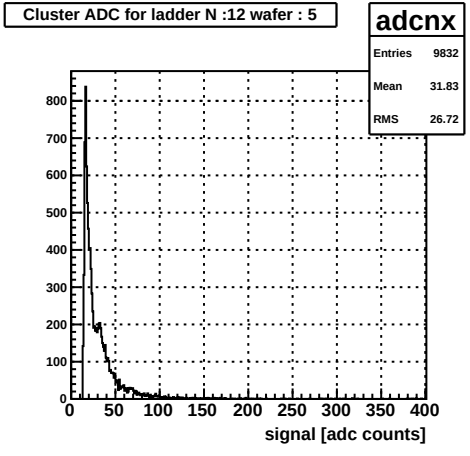

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2191
Mean 35.1
RMS 39.3
signal [adc counts]

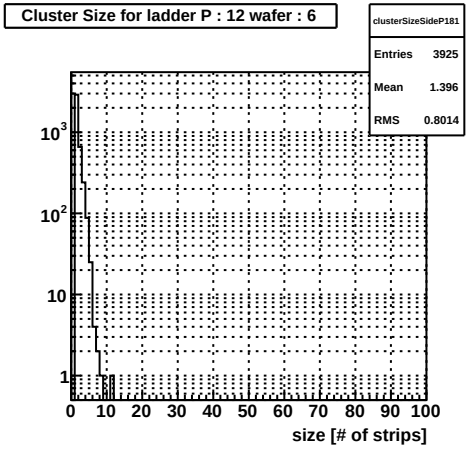

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 754
Mean 1.316
RMS 0.6975
size [# of strips]

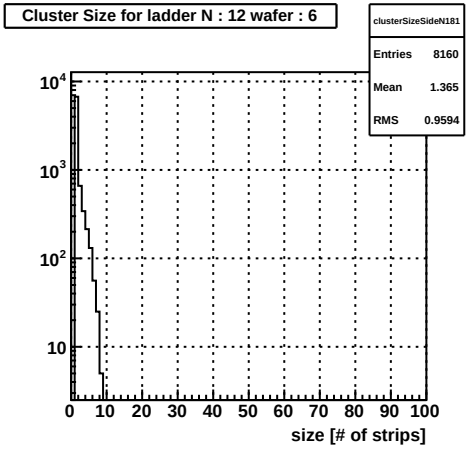

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 9832
Mean 1.408
RMS 0.8637
size [# of strips]

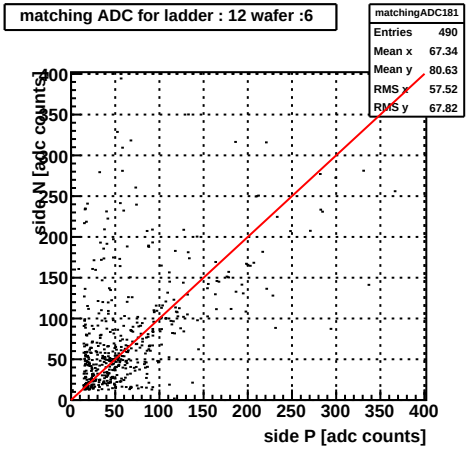

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 497
Mean x 84.78
Mean y 73.31
RMS x 64.06
RMS y 56.15
side N [adc counts]
side P [adc counts]

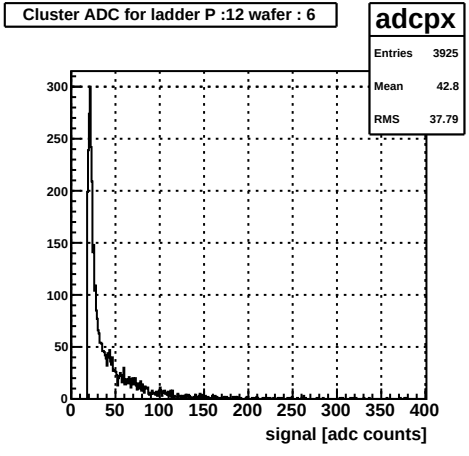

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 754
Mean 90.4
RMS 65.97
signal [adc counts]

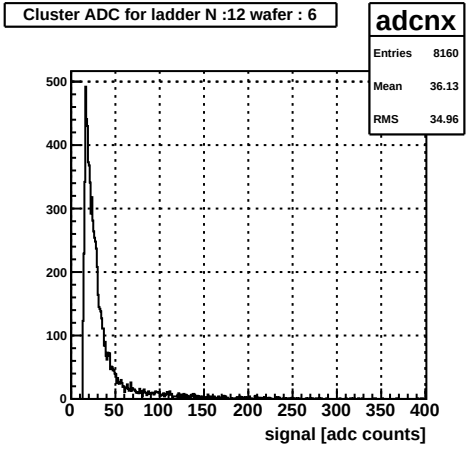

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 9832
Mean 31.83
RMS 26.72
signal [adc counts]

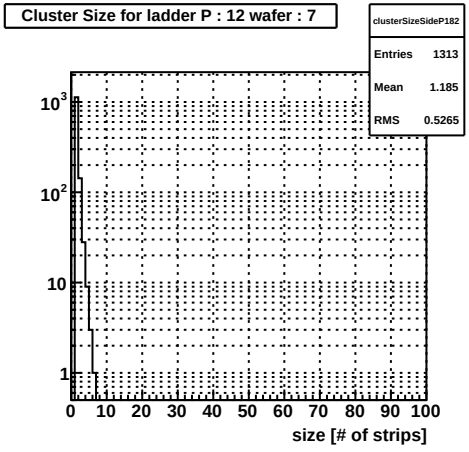

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3925
Mean 1.396
RMS 0.8014
size [# of strips]

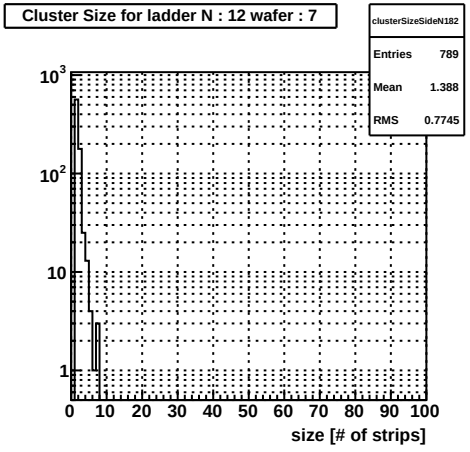

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 8160
Mean 1.365
RMS 0.9594
size [# of strips]

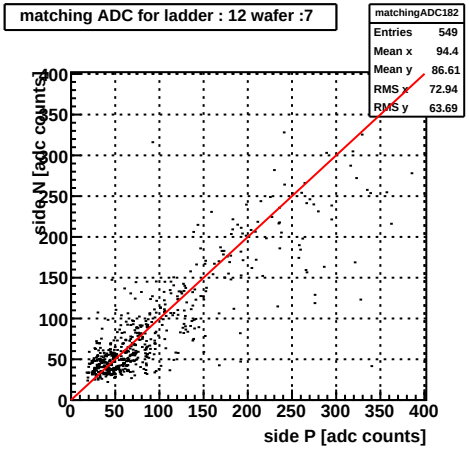

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 490
Mean x 67.34
Mean y 80.63
RMS x 57.52
RMS y 67.82
side N [adc counts]
side P [adc counts]

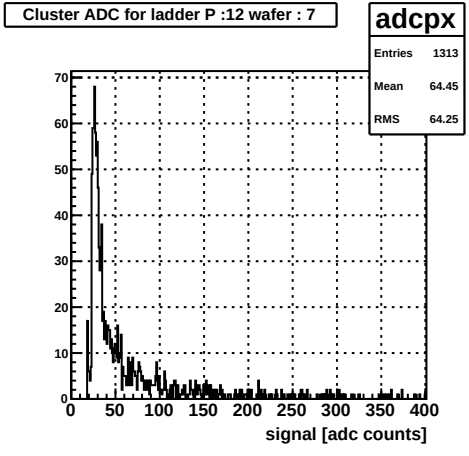

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3925
Mean 42.8
RMS 37.79
signal [adc counts]

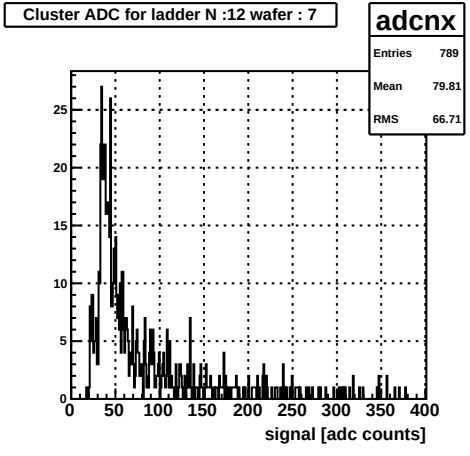

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 8160
Mean 36.13
RMS 34.96
signal [adc counts]

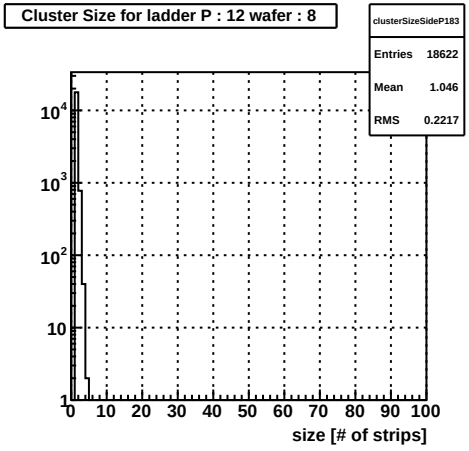

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1313
Mean 1.185
RMS 0.5265
size [# of strips]

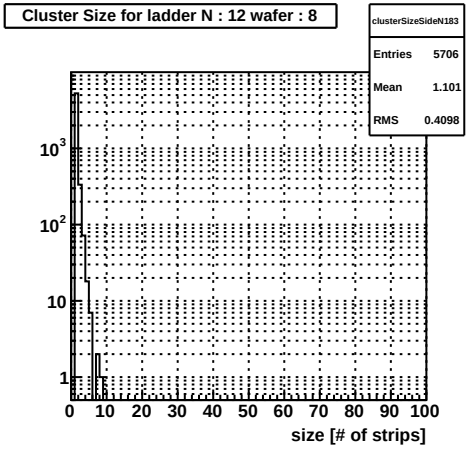

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 789
Mean 1.388
RMS 0.7745
size [# of strips]

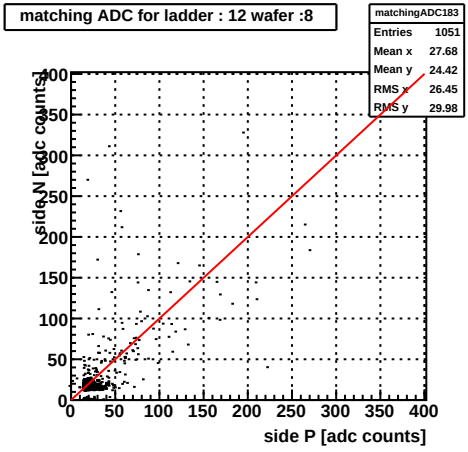

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 549
Mean x 94.4
Mean y 86.61
RMS x 72.94
RMS y 63.69
side N [adc counts]
side P [adc counts]

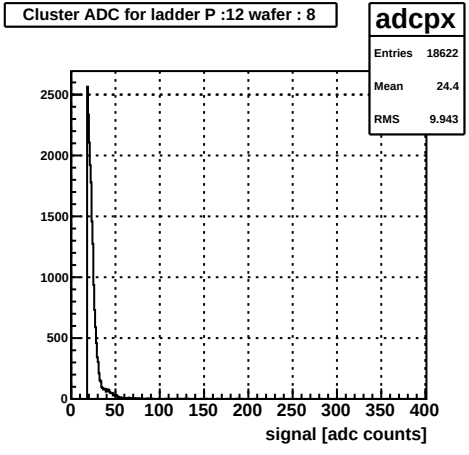

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1313
Mean 64.45
RMS 64.25
signal [adc counts]

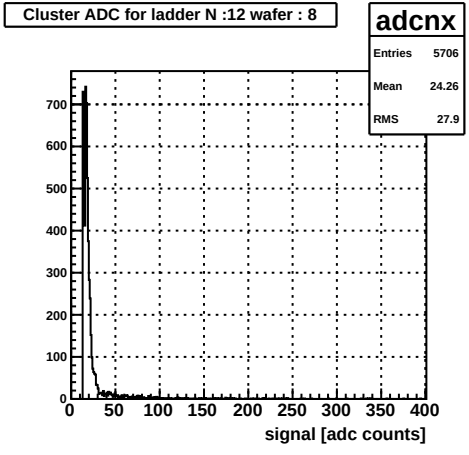

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 789
Mean 79.81
RMS 66.71
signal [adc counts]

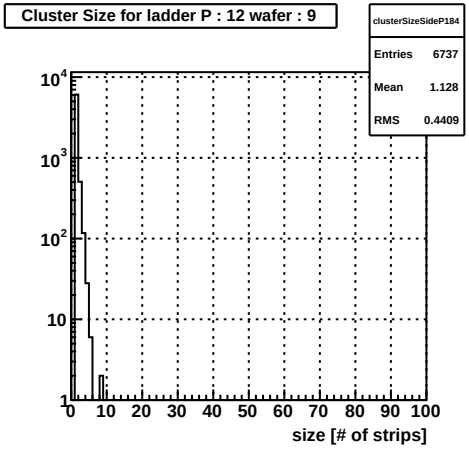

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 18622
Mean 1.046
RMS 0.2217
size [# of strips]

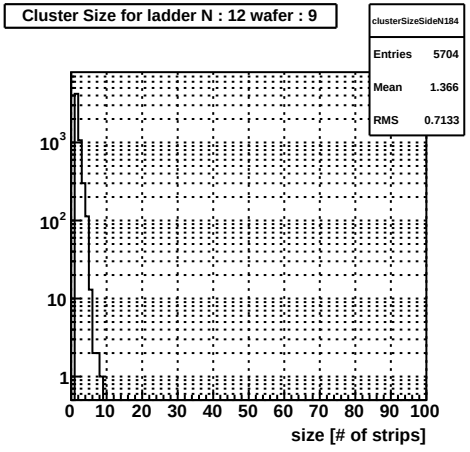

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 5706
Mean 1.101
RMS 0.4098
size [# of strips]

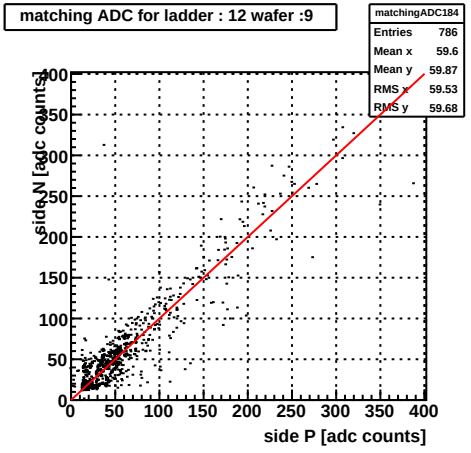

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1051
Mean x 27.68
Mean y 24.42
RMS x 26.45
RMS y 29.98
side N [adc counts]
side P [adc counts]

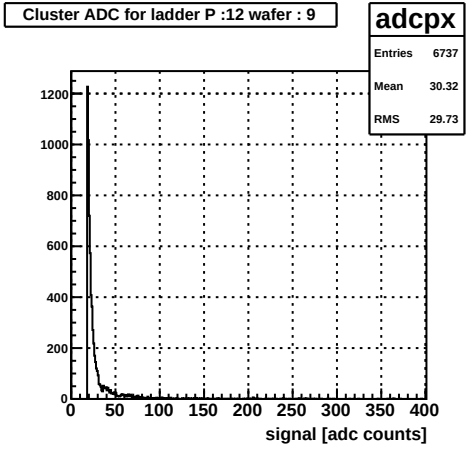

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 18622
Mean 24.4
RMS 9.943
signal [adc counts]

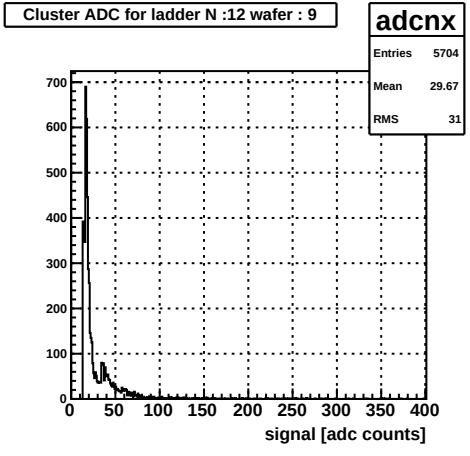

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 5706
Mean 24.26
RMS 27.9
signal [adc counts]

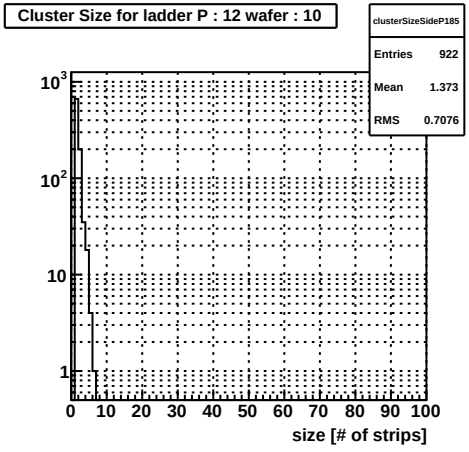

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 6737
Mean 1.128
RMS 0.4409
size [# of strips]

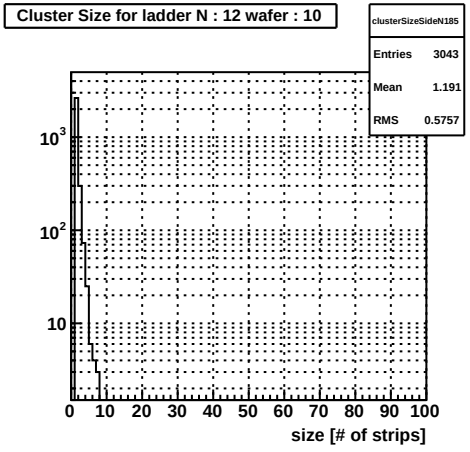

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5704
Mean 1.366
RMS 0.7133
size [# of strips]

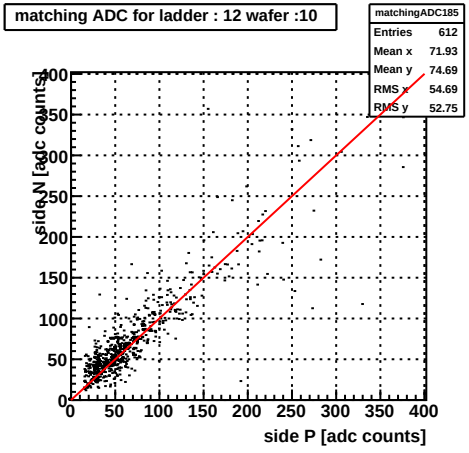

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 786
Mean x 59.6
Mean y 59.87
RMS x 59.53
RMS y 59.68
side N [adc counts]
side P [adc counts]

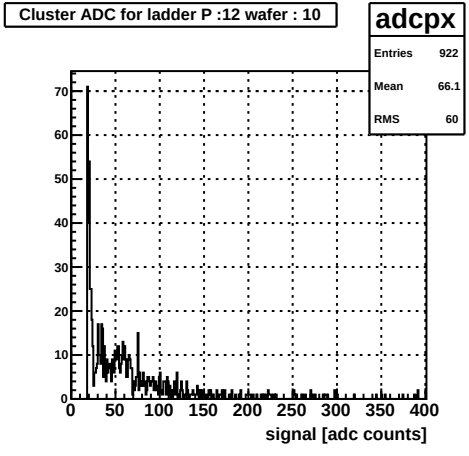

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 6737
Mean 30.32
RMS 29.73
signal [adc counts]

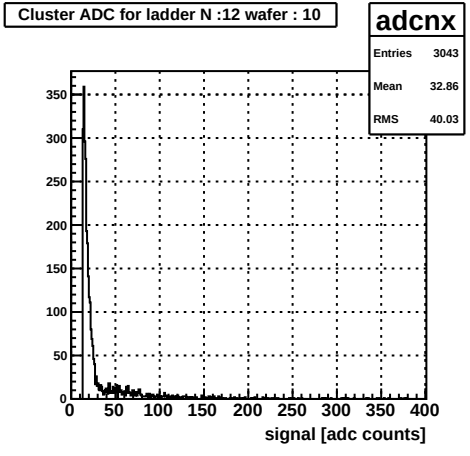

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5704
Mean 29.67
RMS 31
signal [adc counts]

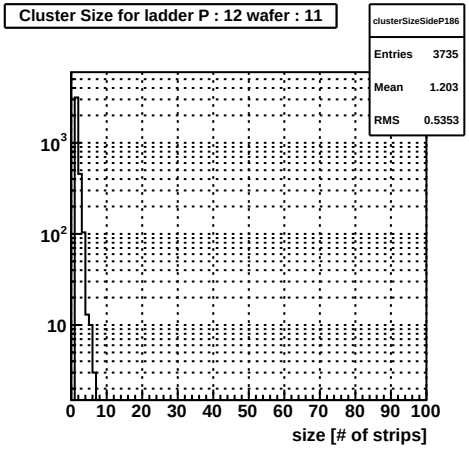

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 922
Mean 1.373
RMS 0.7076
size [# of strips]

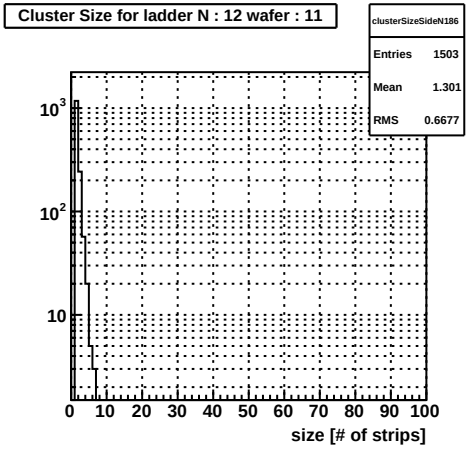

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3043
Mean 1.191
RMS 0.5757
size [# of strips]

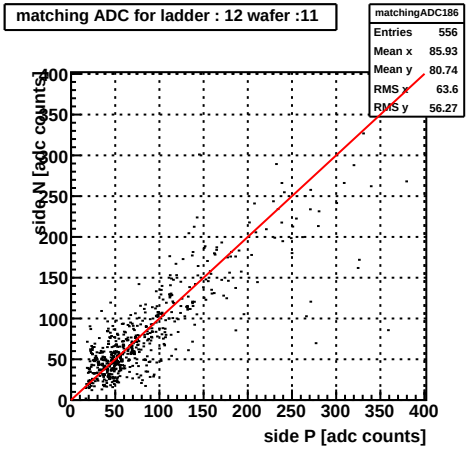

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 612
Mean x 71.93
Mean y 74.69
RMS x 54.69
RMS y 52.75
side N [adc counts]
side P [adc counts]

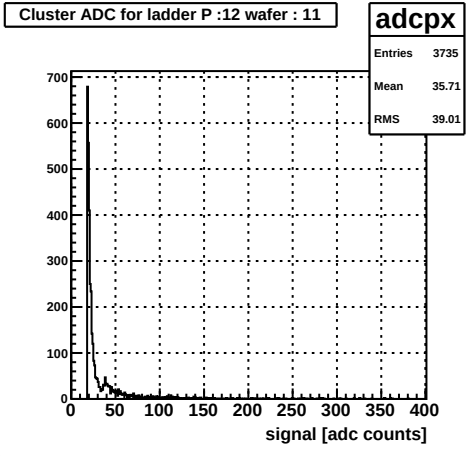

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 922
Mean 66.1
RMS 60
signal [adc counts]

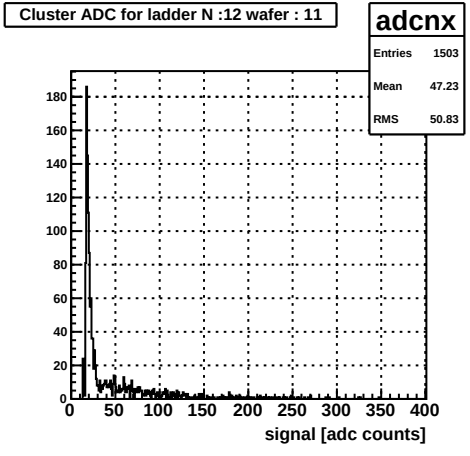

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3043
Mean 32.86
RMS 40.03
signal [adc counts]

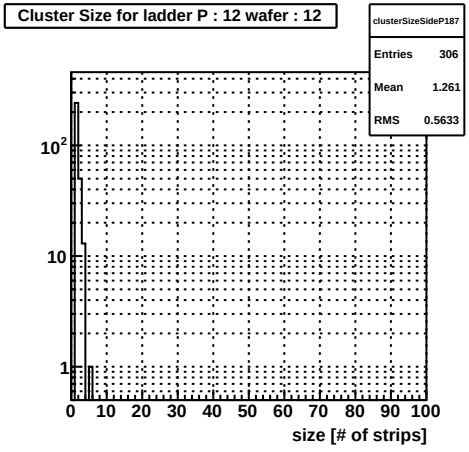

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 3735
Mean 1.203
RMS 0.5353
size [# of strips]

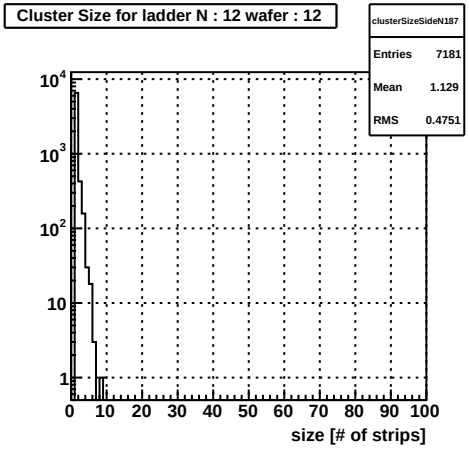

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1503
Mean 1.301
RMS 0.6677
size [# of strips]

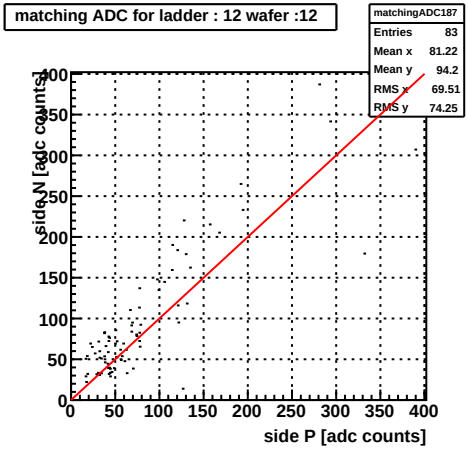

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 556
Mean x 85.93
Mean y 80.74
RMS x 63.6
RMS y 56.27
side N [adc counts]
side P [adc counts]

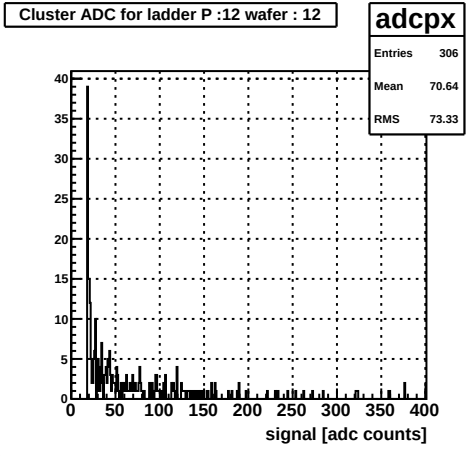

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 3735
Mean 35.71
RMS 39.01
signal [adc counts]

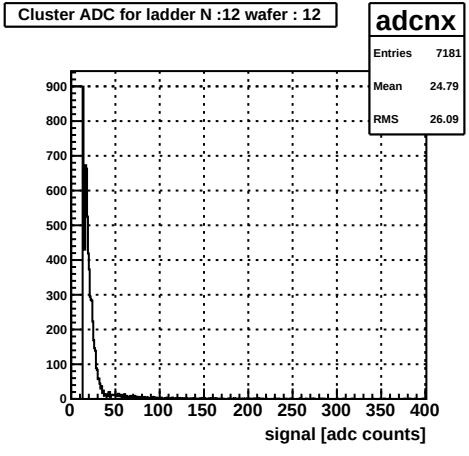

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1503
Mean 47.23
RMS 50.83
signal [adc counts]

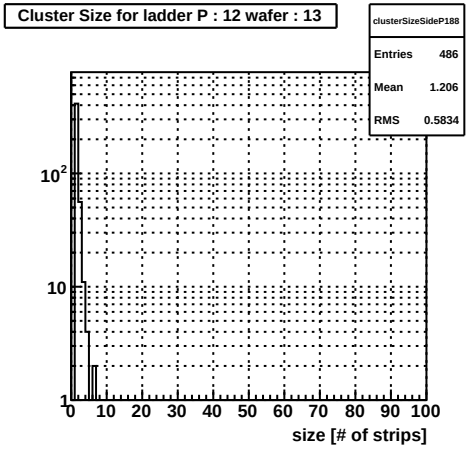

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 306
Mean 1.261
RMS 0.5633
size [# of strips]

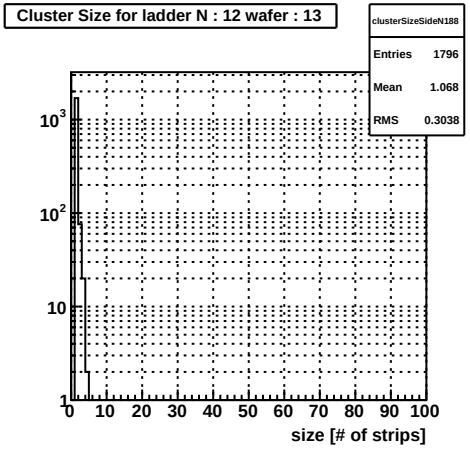

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 7181
Mean 1.129
RMS 0.4751
size [# of strips]

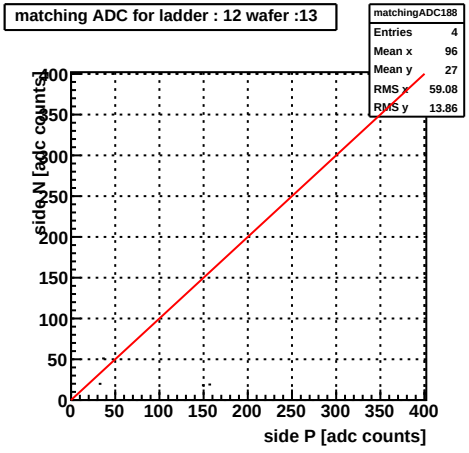

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 83
Mean x 81.22
Mean y 94.2
RMS x 69.51
RMS y 74.25
side N [adc counts]
side P [adc counts]

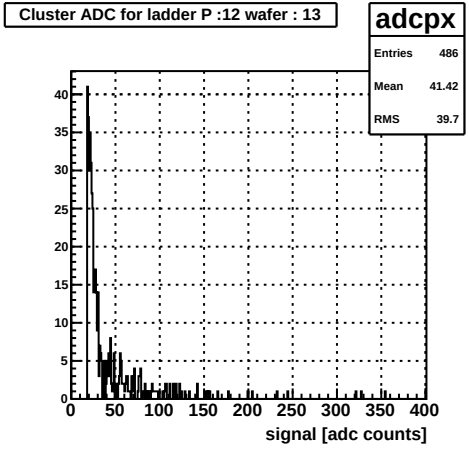

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 306
Mean 70.64
RMS 73.33
signal [adc counts]

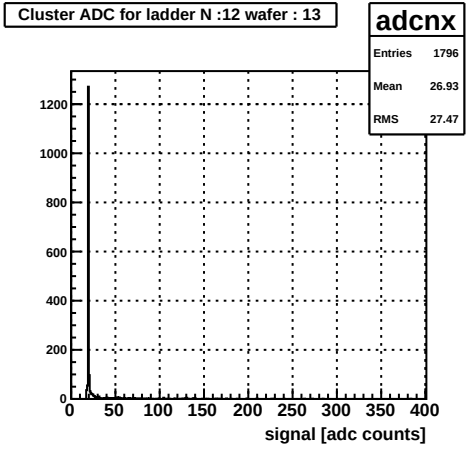

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 7181
Mean 24.79
RMS 26.09
signal [adc counts]

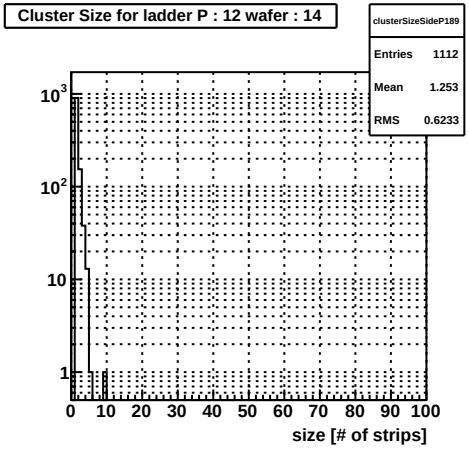

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 486
Mean 1.206
RMS 0.5834
size [# of strips]

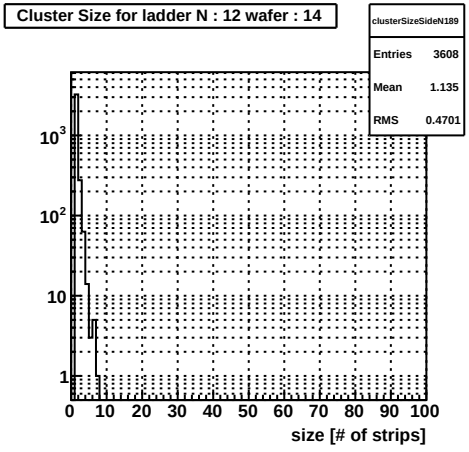

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1796
Mean 1.068
RMS 0.3038
size [# of strips]

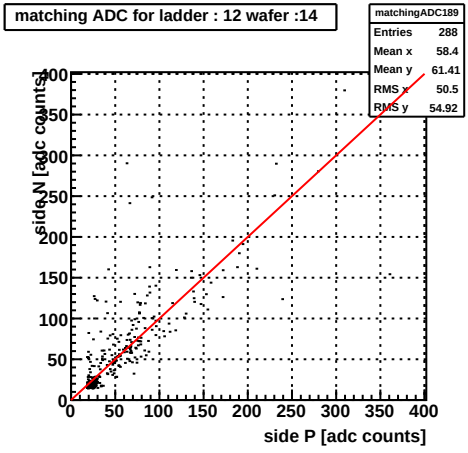

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 4
Mean x 96
Mean y 27
RMS x 59.08
RMS y 13.86
side N [adc counts]
side P [adc counts]

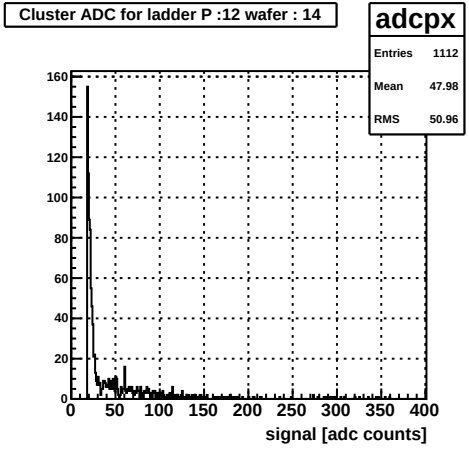

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 486
Mean 41.42
RMS 39.7
signal [adc counts]

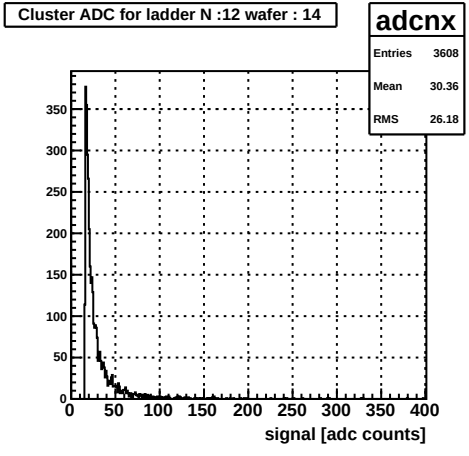

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1796
Mean 26.93
RMS 27.47
signal [adc counts]

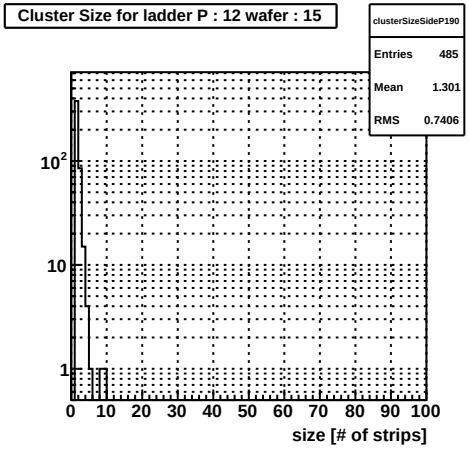

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1112
Mean 1.253
RMS 0.6233
size [# of strips]

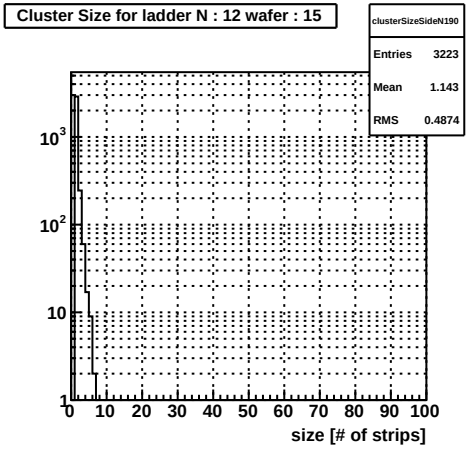

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3608
Mean 1.135
RMS 0.4701
size [# of strips]

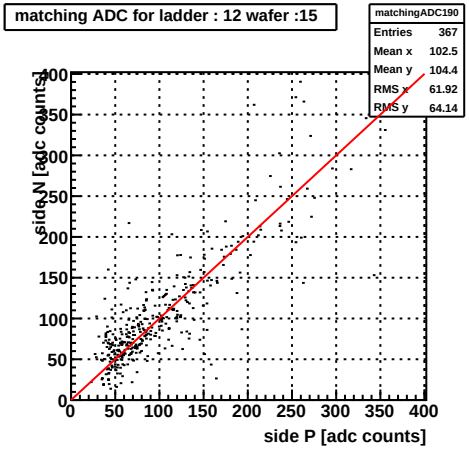

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 288
Mean x 58.4
Mean y 61.41
RMS x 50.5
RMS y 54.92
side N [adc counts]
side P [adc counts]

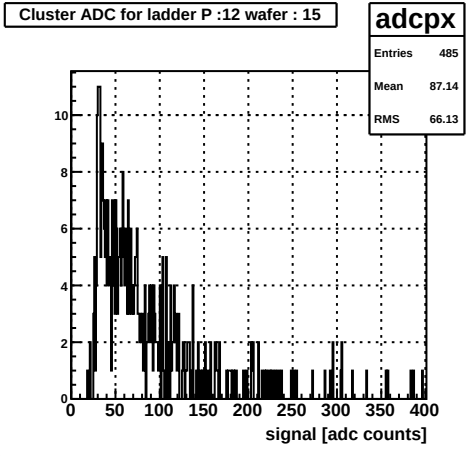

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1112
Mean 47.98
RMS 50.96
signal [adc counts]

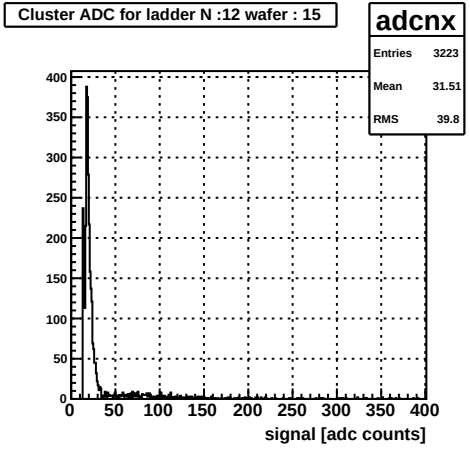

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3608
Mean 30.36
RMS 26.18
signal [adc counts]

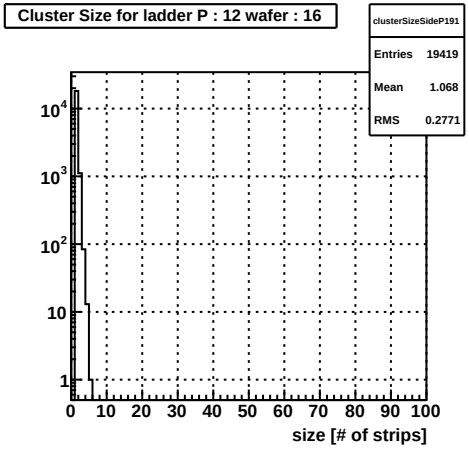

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 485
Mean 1.301
RMS 0.7406
size [# of strips]

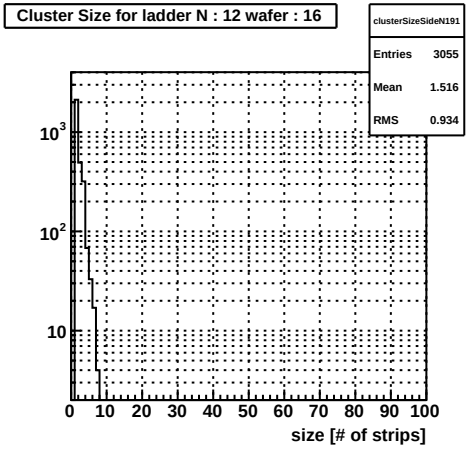

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3223
Mean 1.143
RMS 0.4874
size [# of strips]

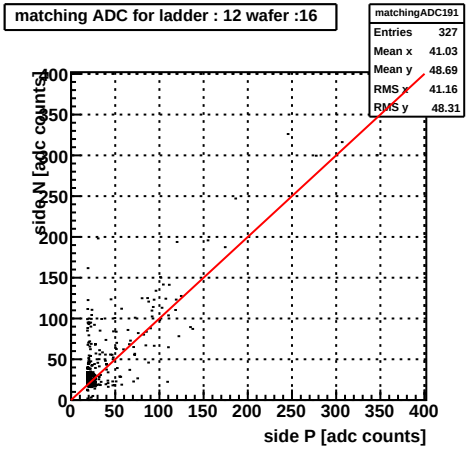

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 367
Mean x 102.5
Mean y 104.4
RMS x 61.92
RMS y 64.14
side N [adc counts]
side P [adc counts]

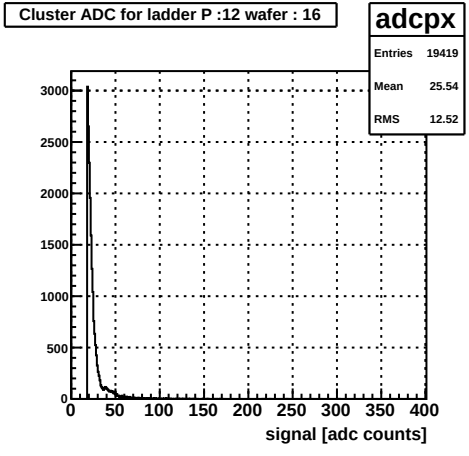

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 485
Mean 87.14
RMS 66.13
signal [adc counts]

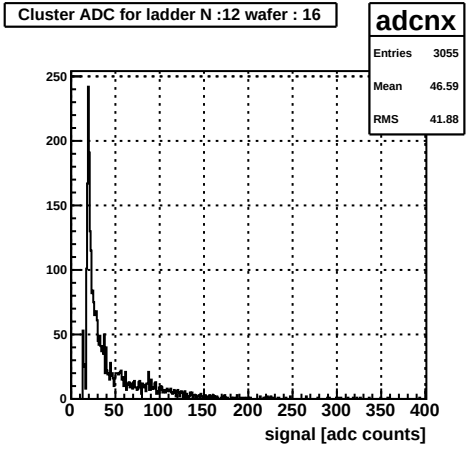

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3223
Mean 31.51
RMS 39.8
signal [adc counts]

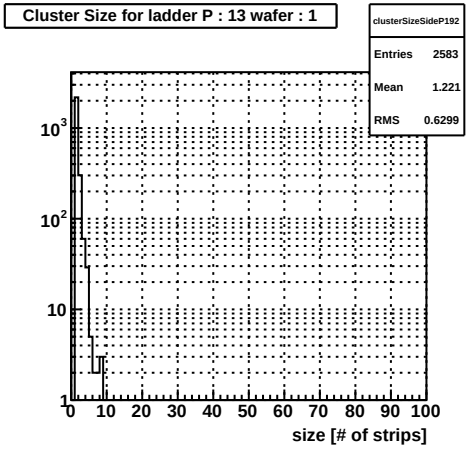

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19419
Mean 1.068
RMS 0.2771
size [# of strips]

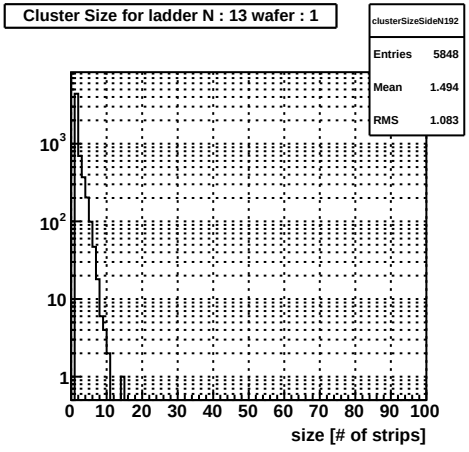

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3055
Mean 1.516
RMS 0.934
size [# of strips]

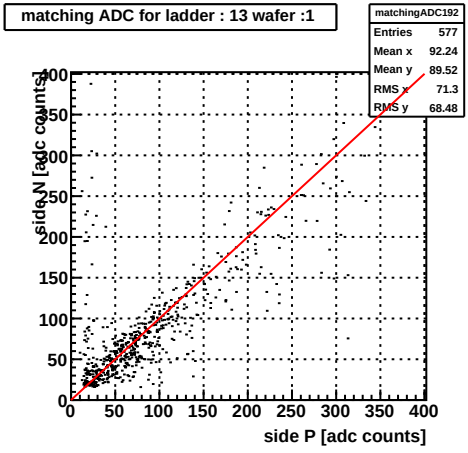

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 327
Mean x 41.03
Mean y 48.69
RMS x 41.16
RMS y 48.31
side N [adc counts]
side P [adc counts]

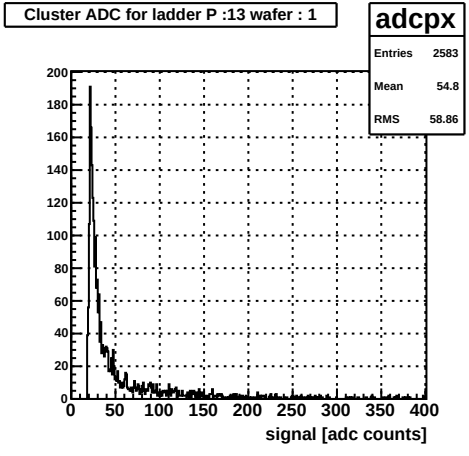

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19419
Mean 25.54
RMS 12.52
signal [adc counts]

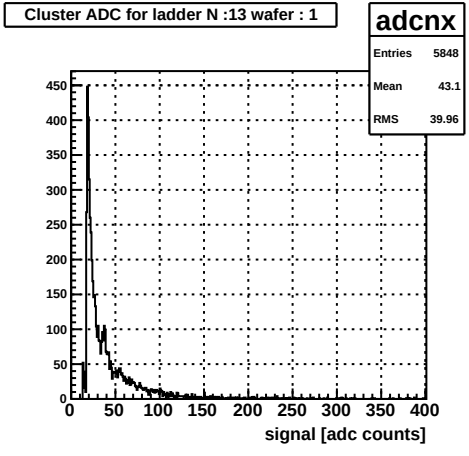

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3055
Mean 46.59
RMS 41.88
signal [adc counts]

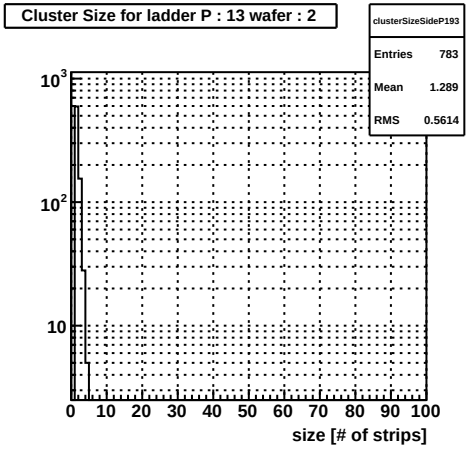

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2583
Mean 1.221
RMS 0.6299
size [# of strips]

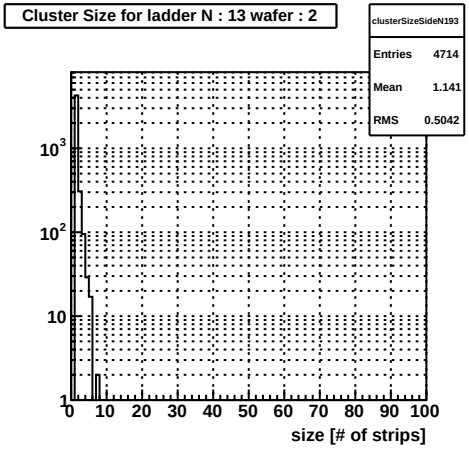

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 5848
Mean 1.494
RMS 1.083
size [# of strips]

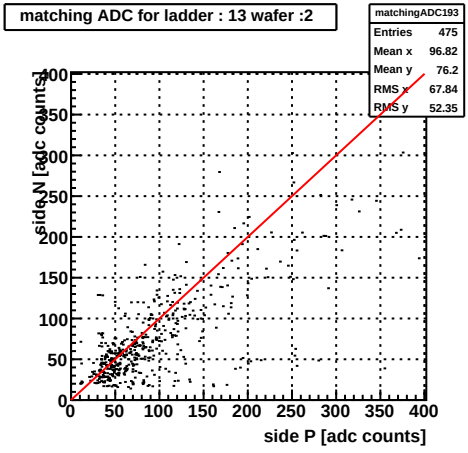

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 577
Mean x 92.24
Mean y 89.52
RMS x 71.3
RMS y 68.48
side N [adc counts]
side P [adc counts]

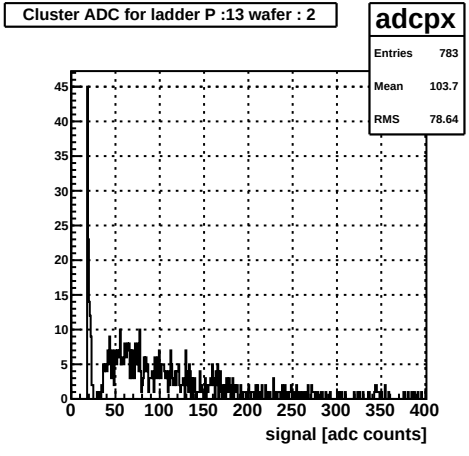

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2583
Mean 54.8
RMS 58.86
signal [adc counts]

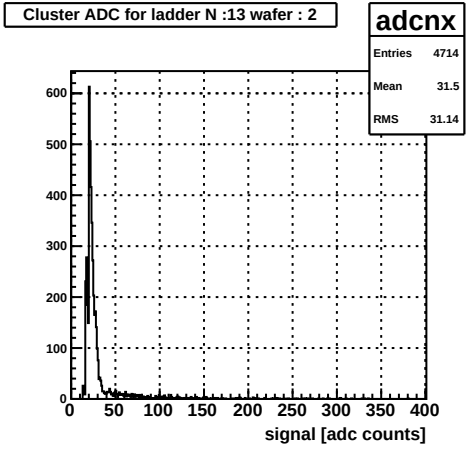

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 5848
Mean 43.1
RMS 39.96
signal [adc counts]

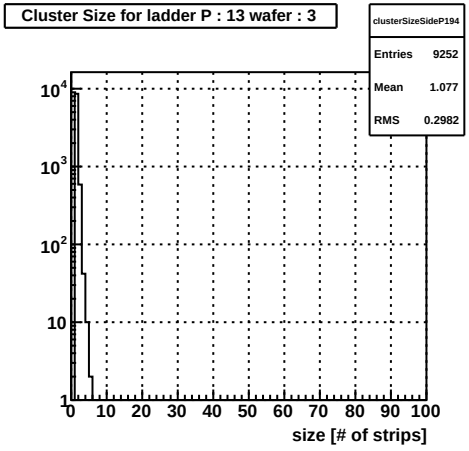

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 783
Mean 1.289
RMS 0.5614
size [# of strips]

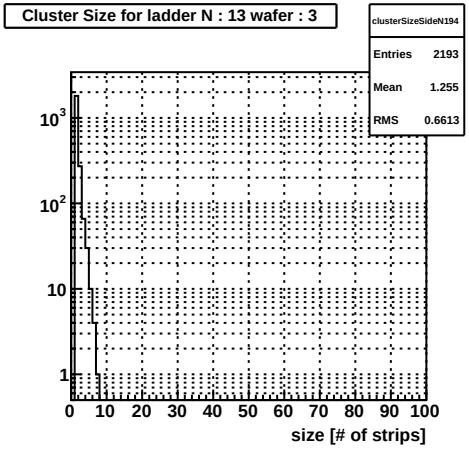

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4714
Mean 1.141
RMS 0.5042
size [# of strips]

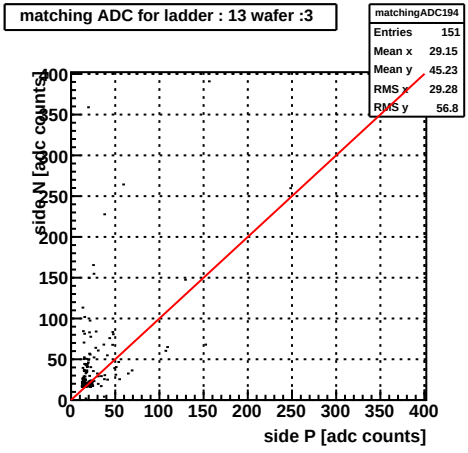

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 475
Mean x 96.82
Mean y 76.2
RMS x 67.84
RMS y 52.35
side N [adc counts]
side P [adc counts]

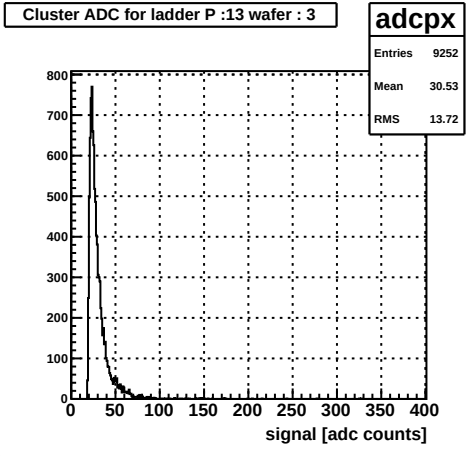

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 783
Mean 103.7
RMS 78.64
signal [adc counts]

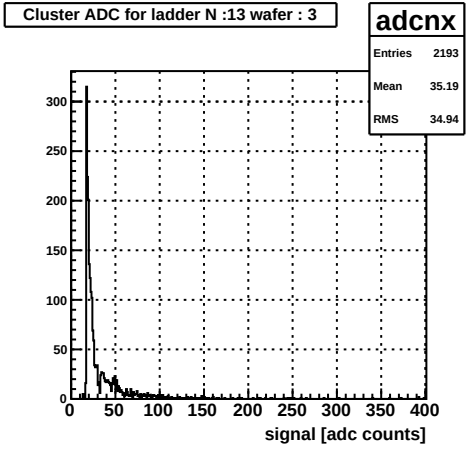

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4714
Mean 31.5
RMS 31.14
signal [adc counts]

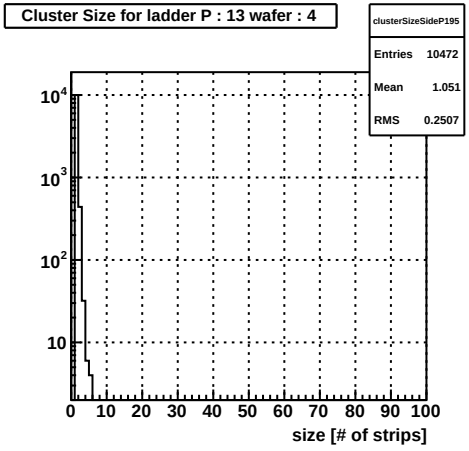

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 9252
Mean 1.077
RMS 0.2982
size [# of strips]

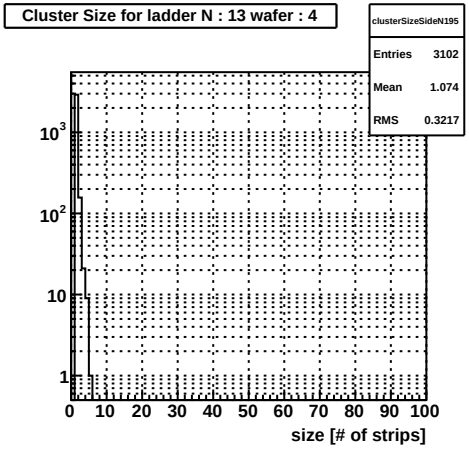

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2193
Mean 1.255
RMS 0.6613
size [# of strips]

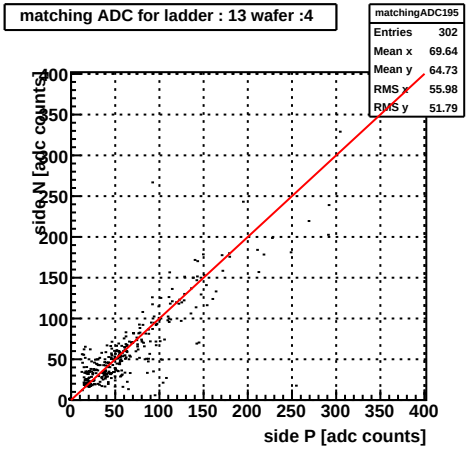

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 151
Mean x 29.15
Mean y 45.23
RMS x 29.28
RMS y 56.8
side N [adc counts]
side P [adc counts]

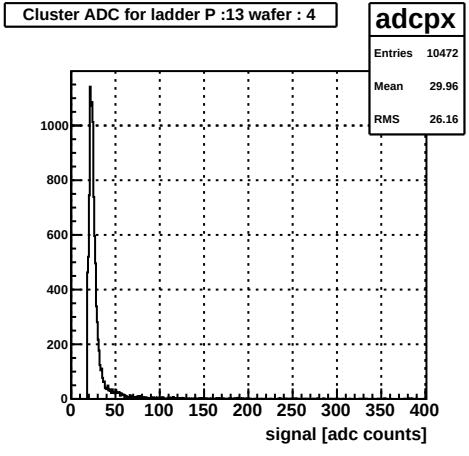

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 9252
Mean 30.53
RMS 13.72
signal [adc counts]

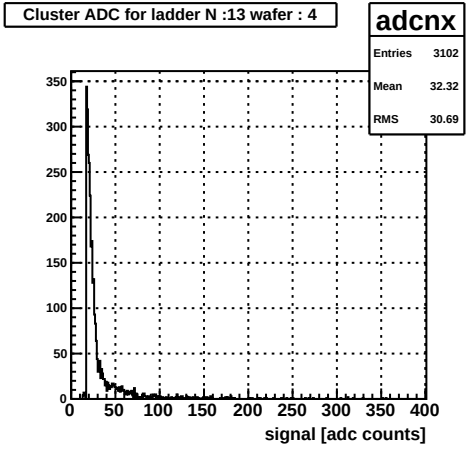

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2193
Mean 35.19
RMS 34.94
signal [adc counts]

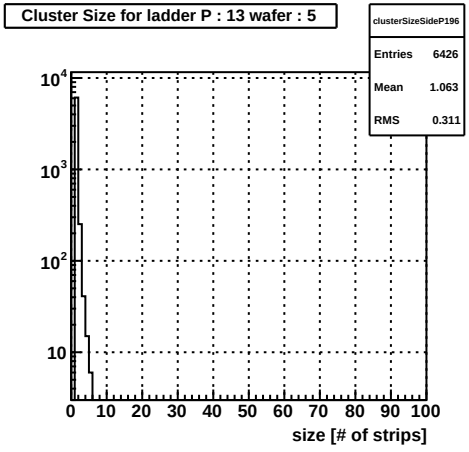

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10472
Mean 1.051
RMS 0.2507
size [# of strips]

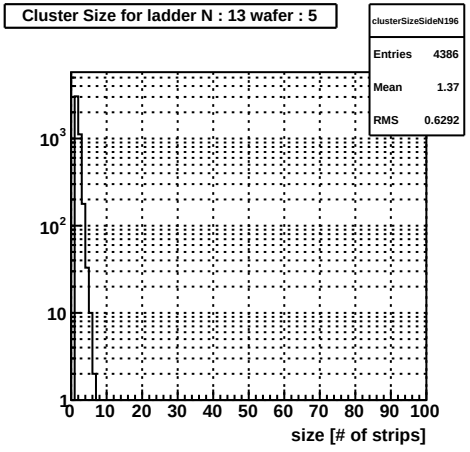

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3102
Mean 1.074
RMS 0.3217
size [# of strips]

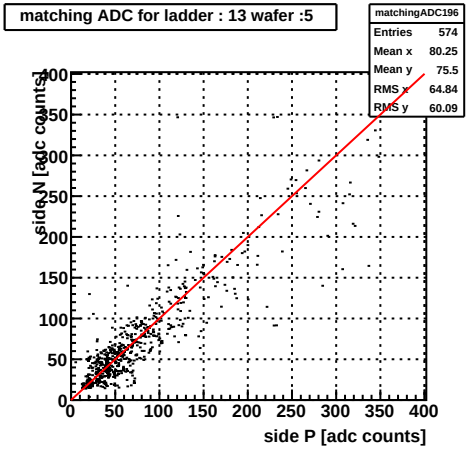

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 302
Mean x 69.64
Mean y 64.73
RMS x 55.98
RMS y 51.79
side N [adc counts]
side P [adc counts]

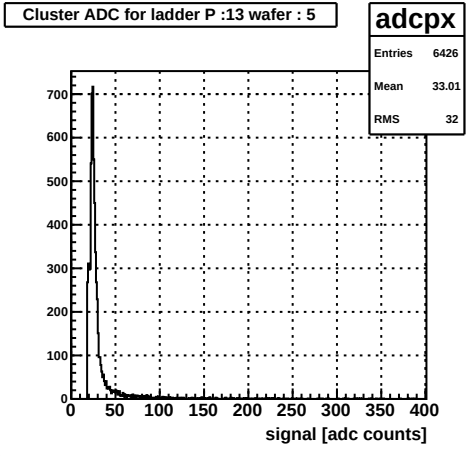

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10472
Mean 29.96
RMS 26.16
signal [adc counts]

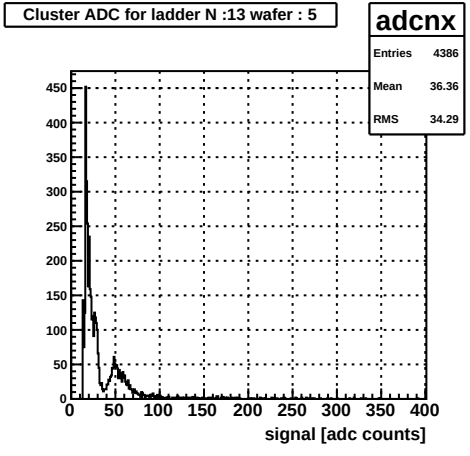

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3102
Mean 32.32
RMS 30.69
signal [adc counts]

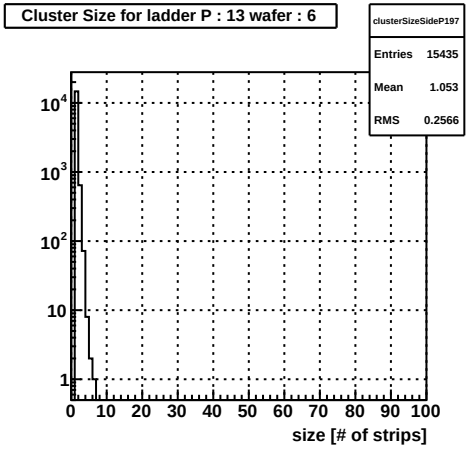

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6426
Mean 1.063
RMS 0.311
size [# of strips]

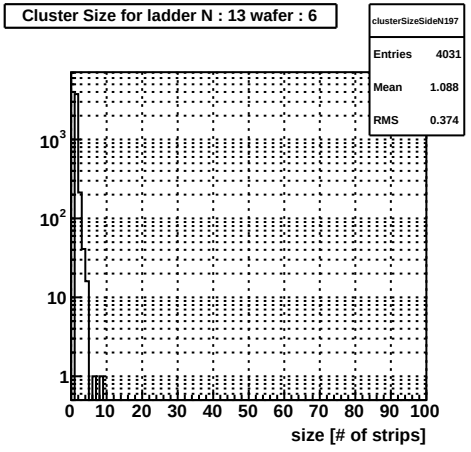

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4386
Mean 1.37
RMS 0.6292
size [# of strips]

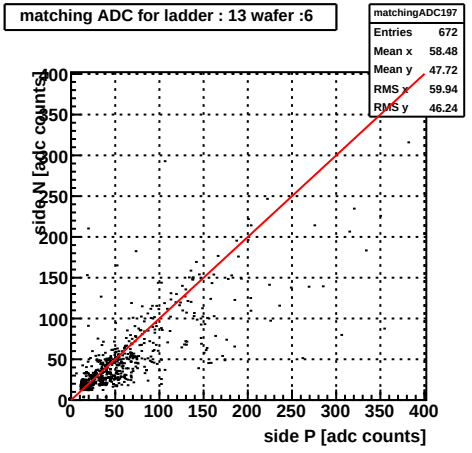

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 574
Mean x 80.25
Mean y 75.5
RMS x 64.84
RMS y 60.09
side N [adc counts]
side P [adc counts]

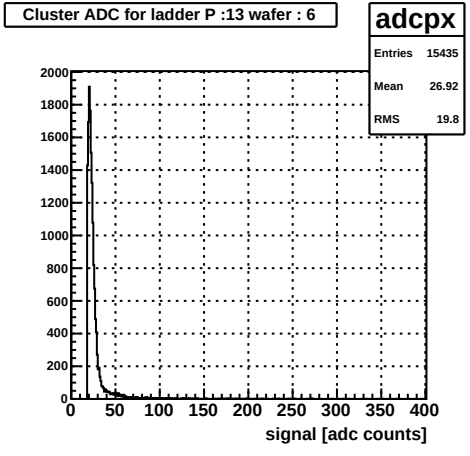

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6426
Mean 33.01
RMS 32
signal [adc counts]

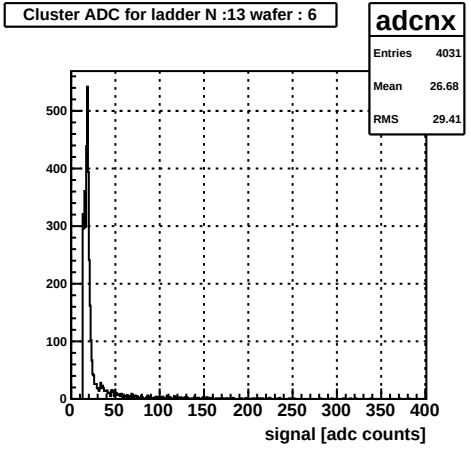

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4386
Mean 36.36
RMS 34.29
signal [adc counts]

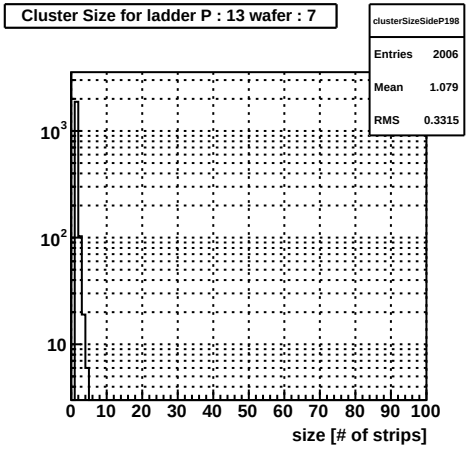

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15435
Mean 1.053
RMS 0.2566
size [# of strips]

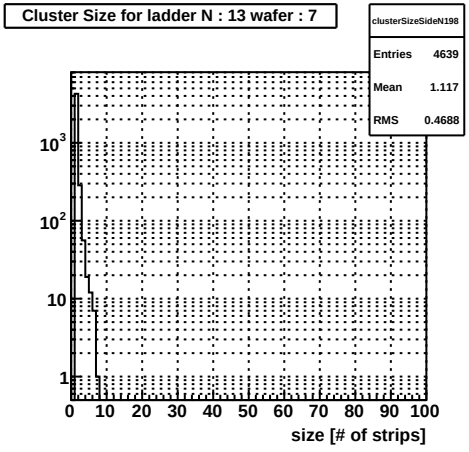

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 4031
Mean 1.088
RMS 0.374
size [# of strips]

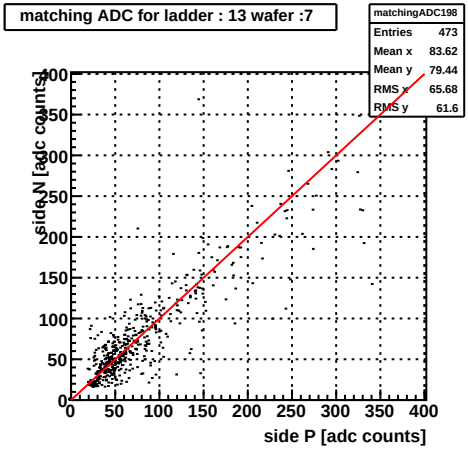

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 672
Mean x 58.48
Mean y 47.72
RMS x 59.94
RMS y 46.24
side N [adc counts]
side P [adc counts]

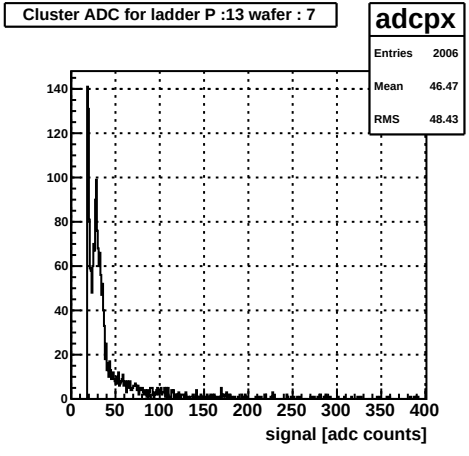

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15435
Mean 26.92
RMS 19.8
signal [adc counts]

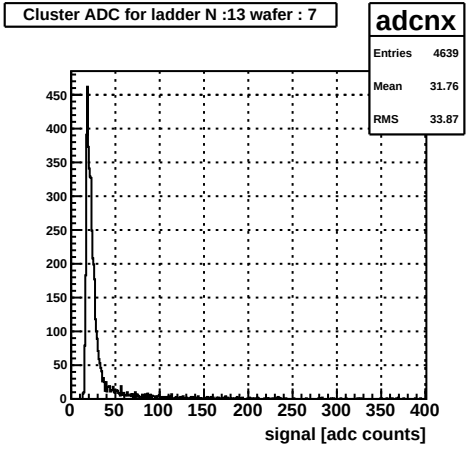

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 4031
Mean 26.68
RMS 29.41
signal [adc counts]

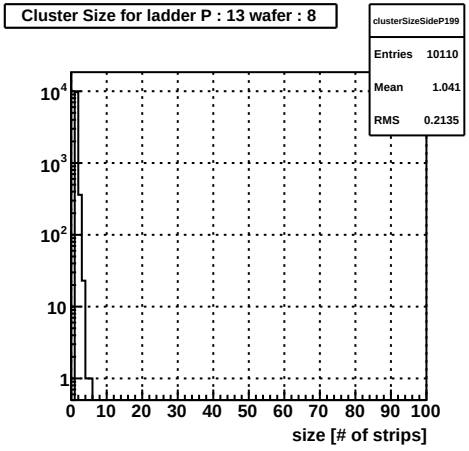

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2006
Mean 1.079
RMS 0.3315
size [# of strips]

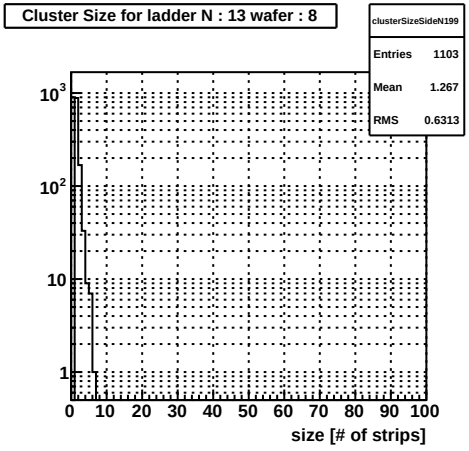

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4639
Mean 1.117
RMS 0.4688
size [# of strips]

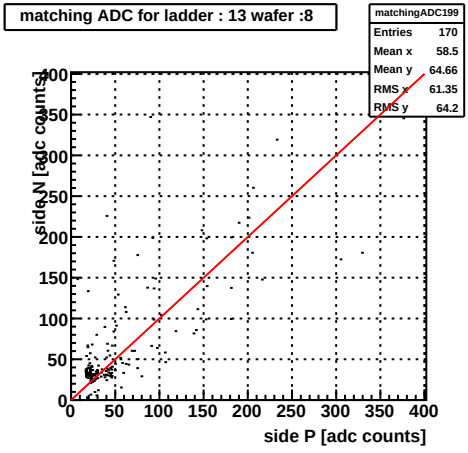

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 473
Mean x 83.62
Mean y 79.44
RMS x 65.68
RMS y 61.6
side N [adc counts]
side P [adc counts]

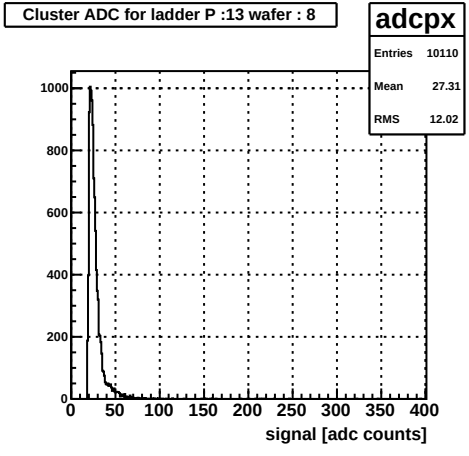

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2006
Mean 46.47
RMS 48.43
signal [adc counts]

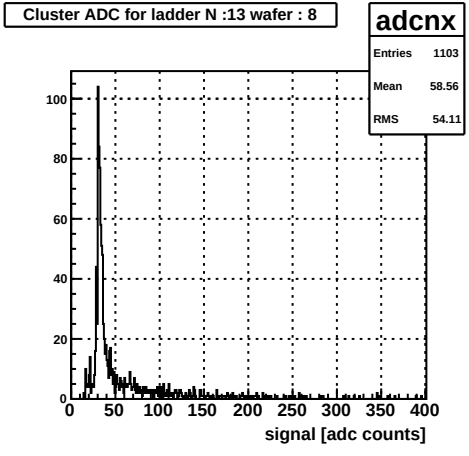

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4639
Mean 31.76
RMS 33.87
signal [adc counts]

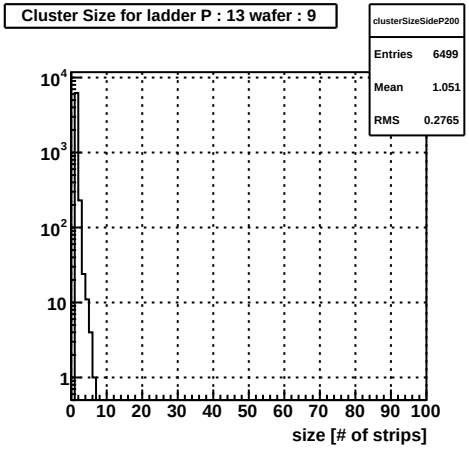

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 10110
Mean 1.041
RMS 0.2135
size [# of strips]

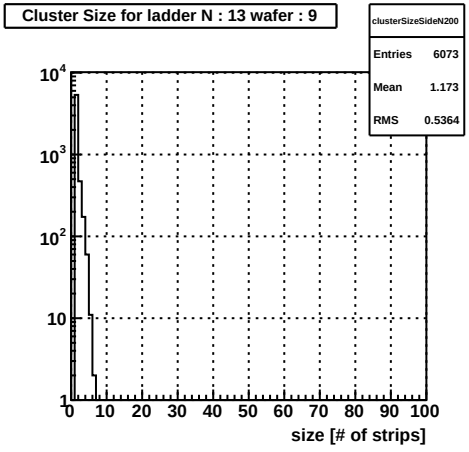

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1103
Mean 1.267
RMS 0.6313
size [# of strips]

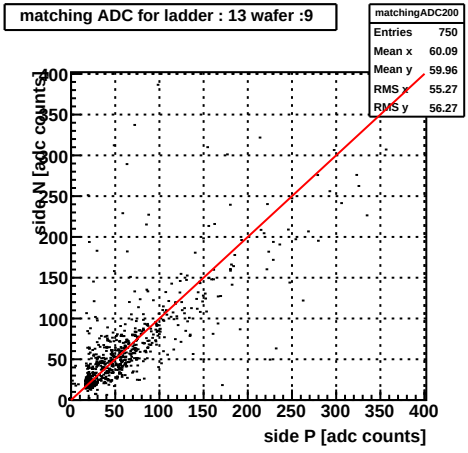

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 170
Mean x 58.5
Mean y 64.66
RMS x 61.35
RMS y 64.2
side N [adc counts]
side P [adc counts]

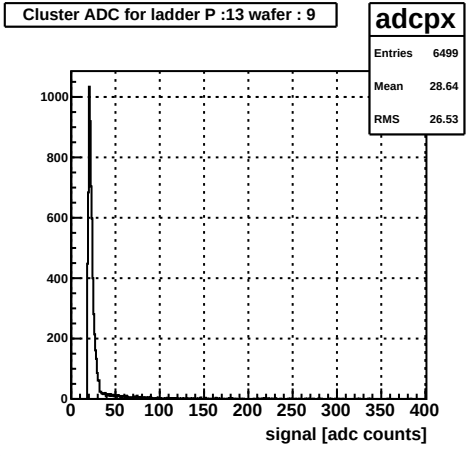

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 10110
Mean 27.31
RMS 12.02
signal [adc counts]

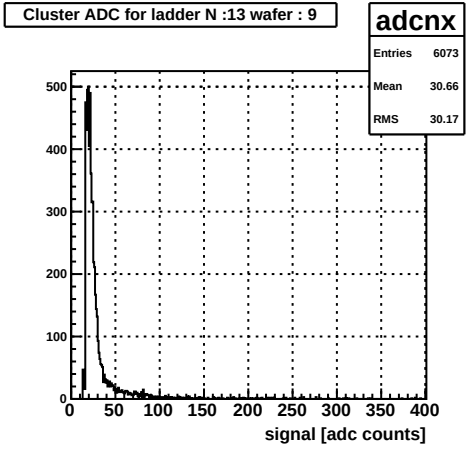

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1103
Mean 58.56
RMS 54.11
signal [adc counts]

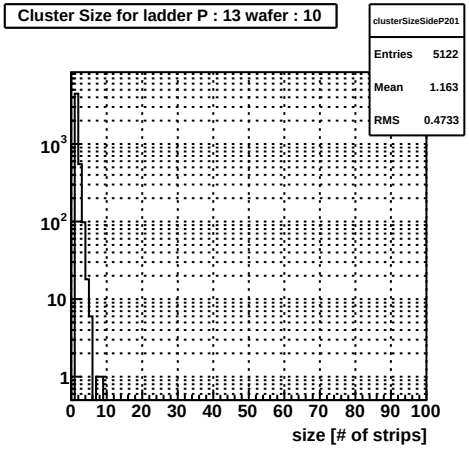

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6499
Mean 1.051
RMS 0.2765
size [# of strips]

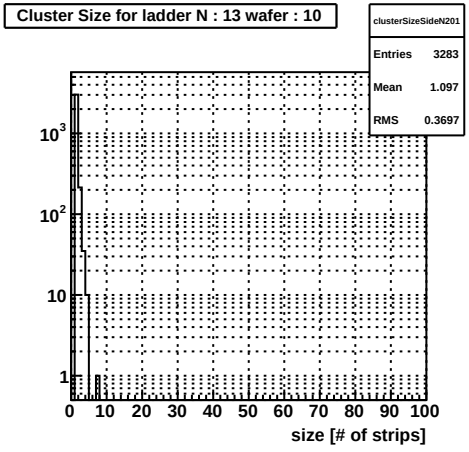

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6073
Mean 1.173
RMS 0.5364
size [# of strips]

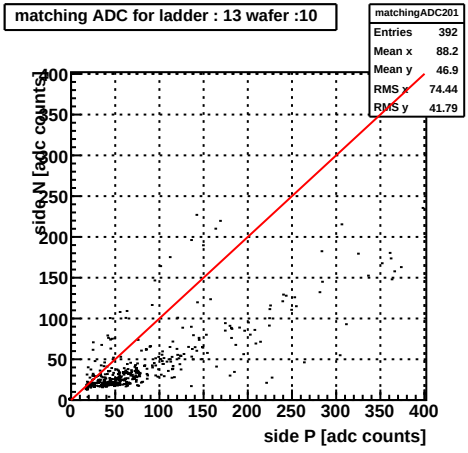

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 750
Mean x 60.09
Mean y 59.96
RMS x 55.27
RMS y 56.27
side N [adc counts]
side P [adc counts]

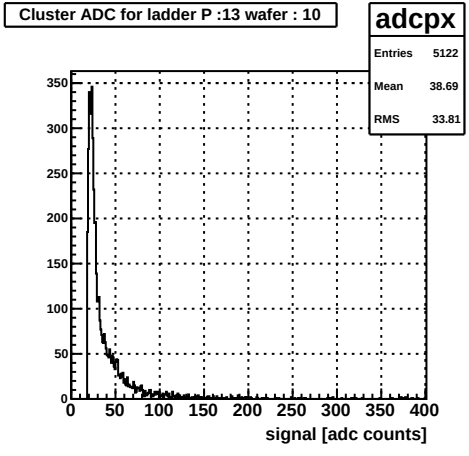

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6499
Mean 28.64
RMS 26.53
signal [adc counts]

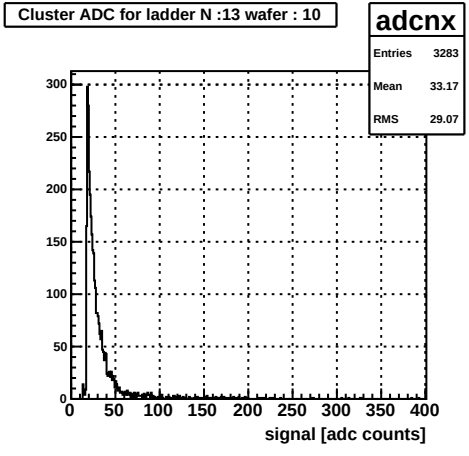

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6073
Mean 30.66
RMS 30.17
signal [adc counts]

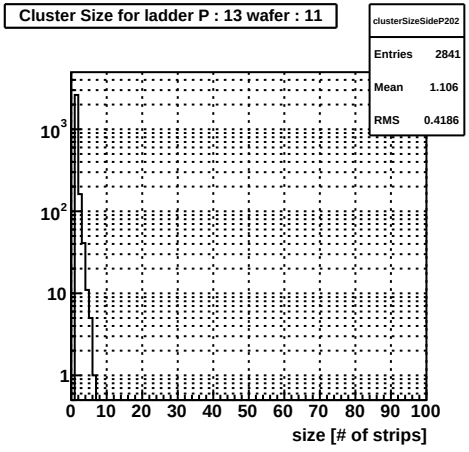

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5122
Mean 1.163
RMS 0.4733
size [# of strips]

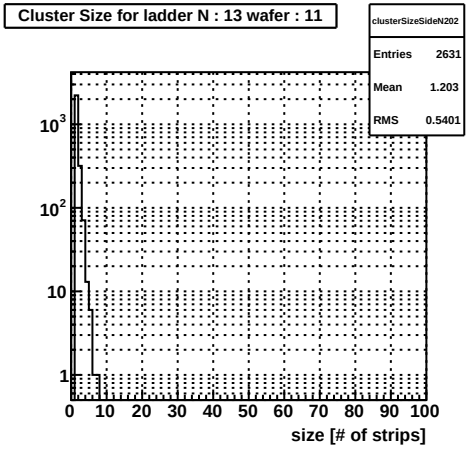

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3283
Mean 1.097
RMS 0.3697
size [# of strips]

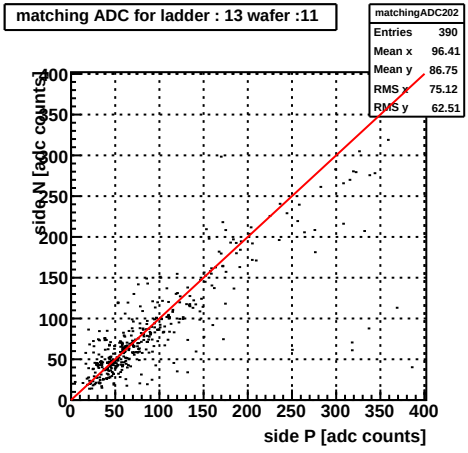

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 392
Mean x 88.2
Mean y 46.9
RMS x 74.44
RMS y 41.79
side N [adc counts]
side P [adc counts]

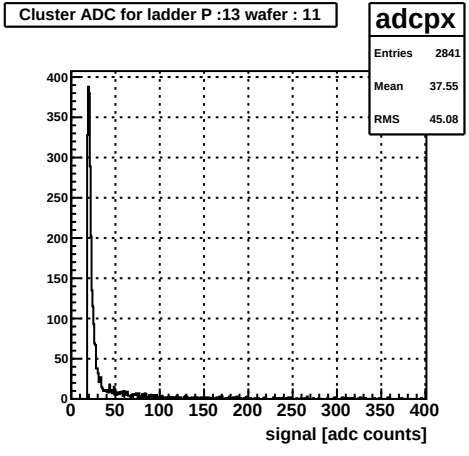

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5122
Mean 38.69
RMS 33.81
signal [adc counts]

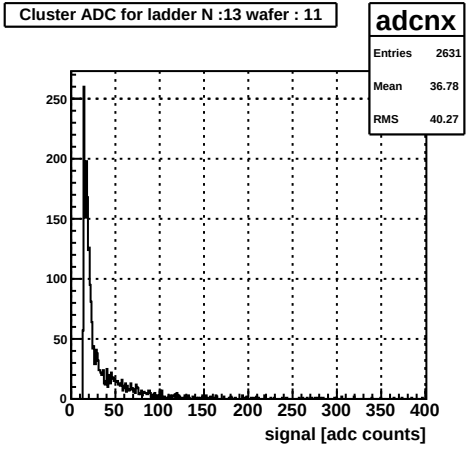

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3283
Mean 33.17
RMS 29.07
signal [adc counts]

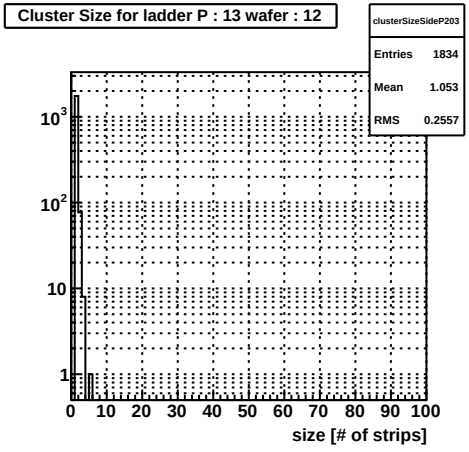

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2841
Mean 1.106
RMS 0.4186
size [# of strips]

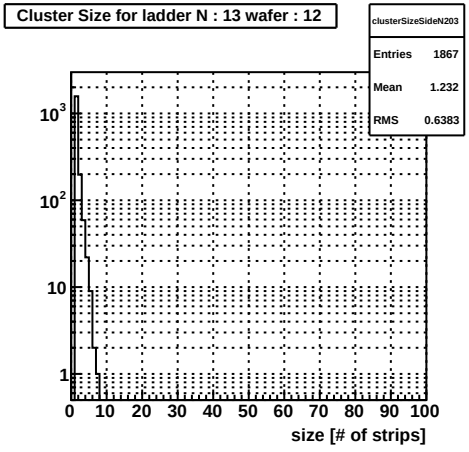

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2631
Mean 1.203
RMS 0.5401
size [# of strips]

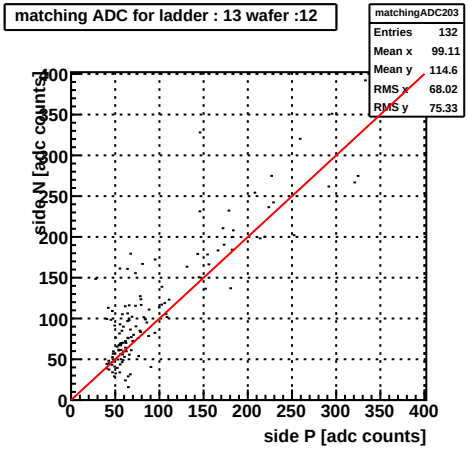

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 390
Mean x 96.41
Mean y 86.75
RMS x 75.12
RMS y 62.51
side N [adc counts]
side P [adc counts]

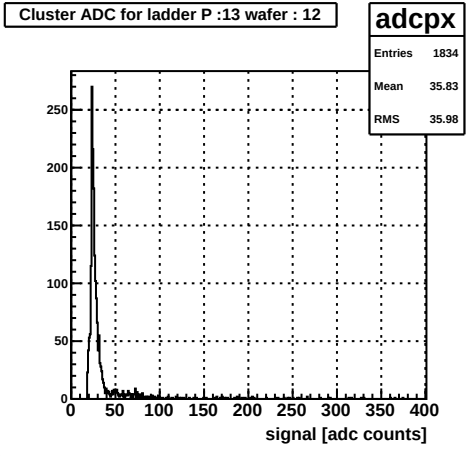

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2841
Mean 37.55
RMS 45.08
signal [adc counts]

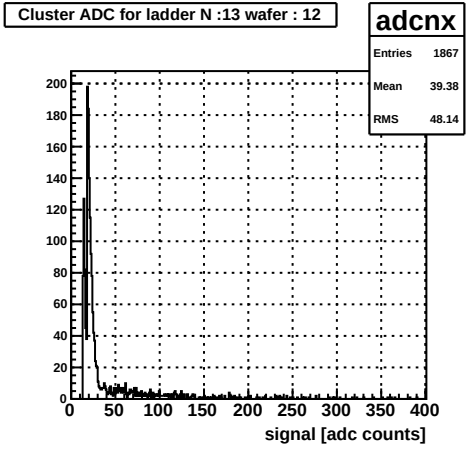

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2631
Mean 36.78
RMS 40.27
signal [adc counts]

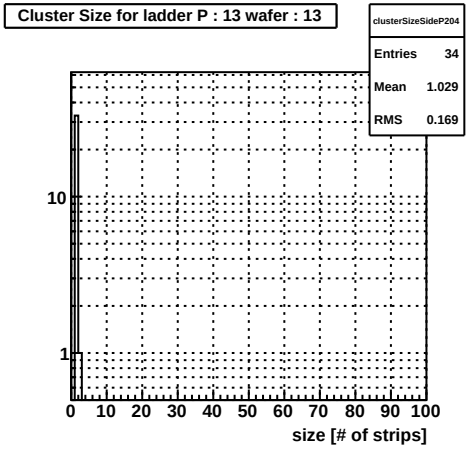

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1834
Mean 1.053
RMS 0.2557
size [# of strips]

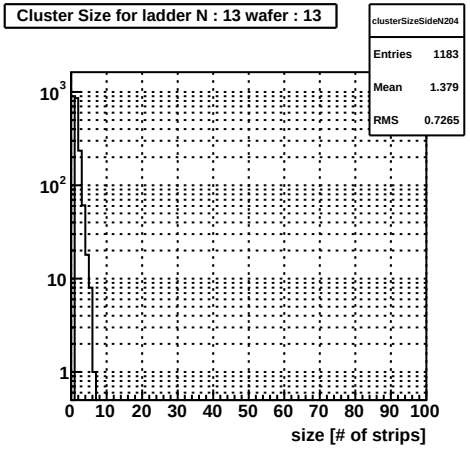

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1867
Mean 1.232
RMS 0.6383
size [# of strips]

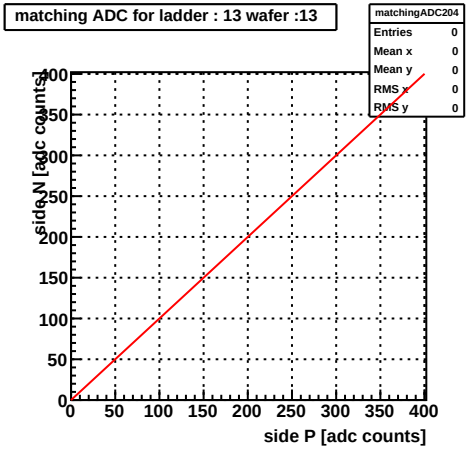

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 132
Mean x 99.11
Mean y 114.6
RMS x 68.02
RMS y 75.33
side N [adc counts]
side P [adc counts]

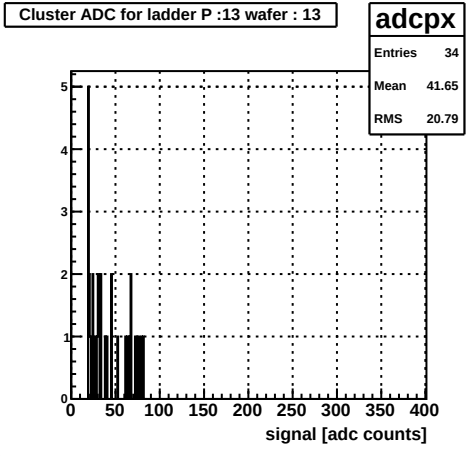

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1834
Mean 35.83
RMS 35.98
signal [adc counts]

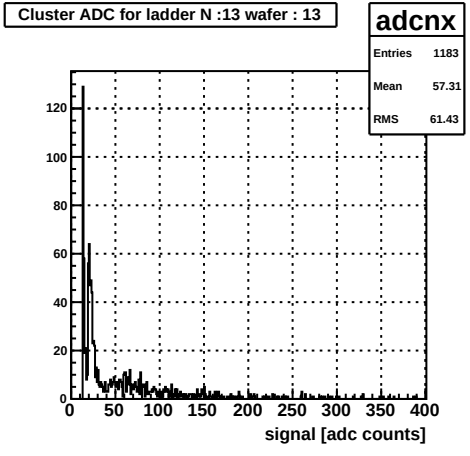

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1867
Mean 39.38
RMS 48.14
signal [adc counts]

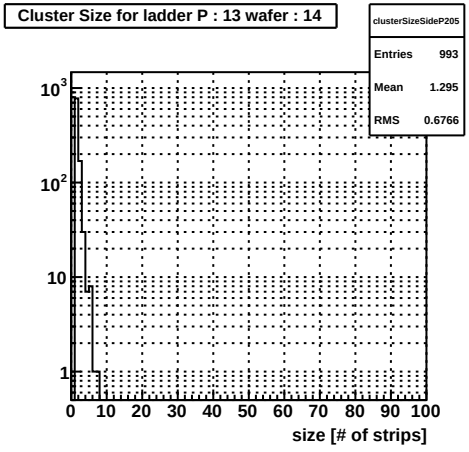

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 34
Mean 1.029
RMS 0.169
size [# of strips]

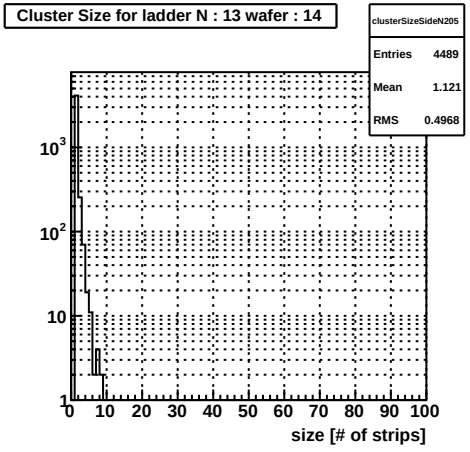

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1183
Mean 1.379
RMS 0.7265
size [# of strips]

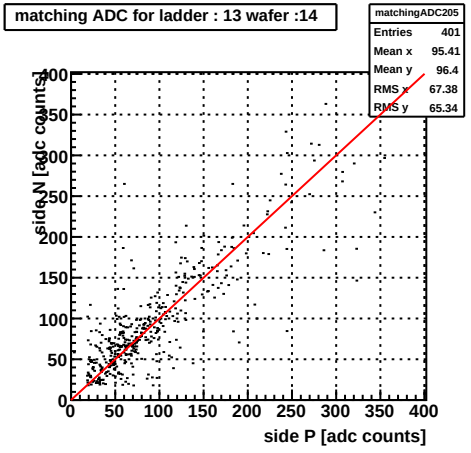

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

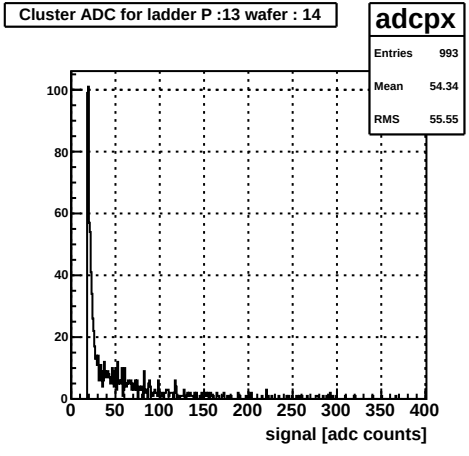

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 34
Mean 41.65
RMS 20.79
signal [adc counts]

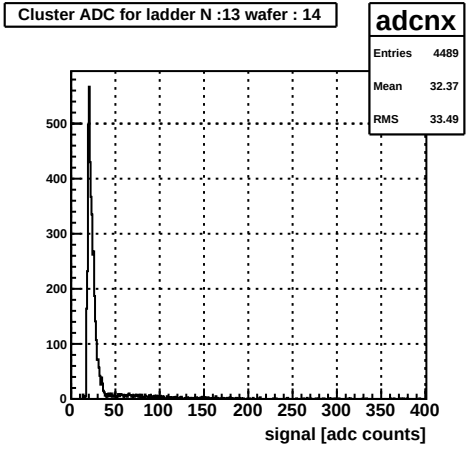

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1183
Mean 57.31
RMS 61.43
signal [adc counts]

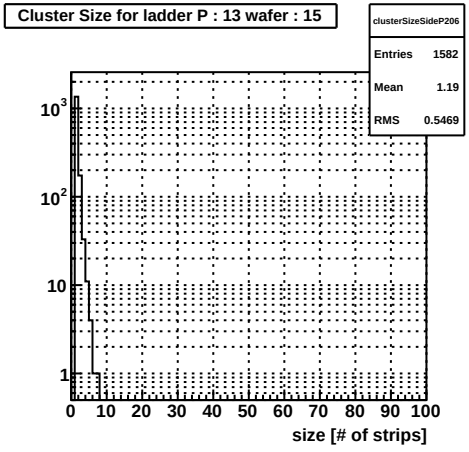

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 993
Mean 1.295
RMS 0.6766
size [# of strips]

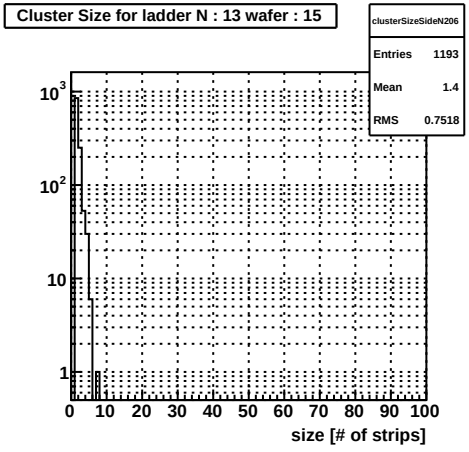

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4489
Mean 1.121
RMS 0.4968
size [# of strips]

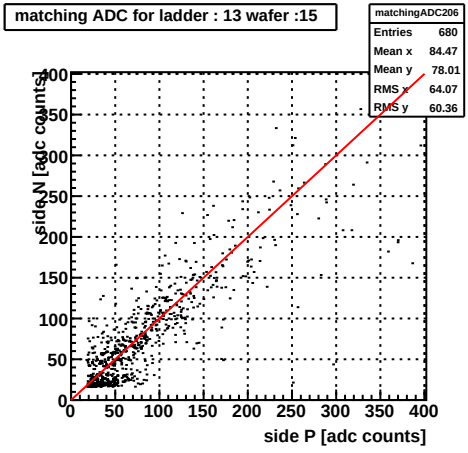

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 401
Mean x 95.41
Mean y 96.4
RMS x 67.38
RMS y 65.34
side N [adc counts]
side P [adc counts]

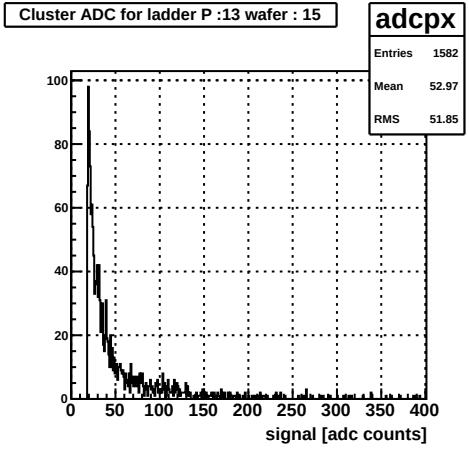

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 993
Mean 54.34
RMS 55.55
signal [adc counts]

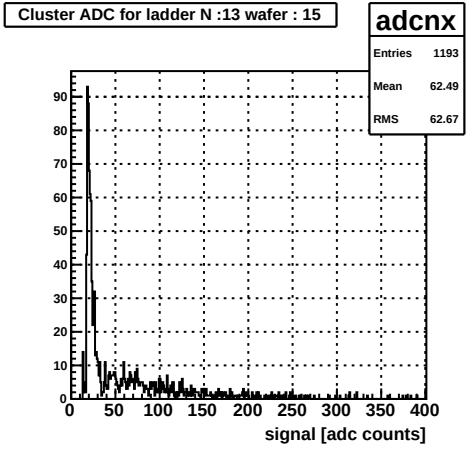

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4489
Mean 32.37
RMS 33.49
signal [adc counts]

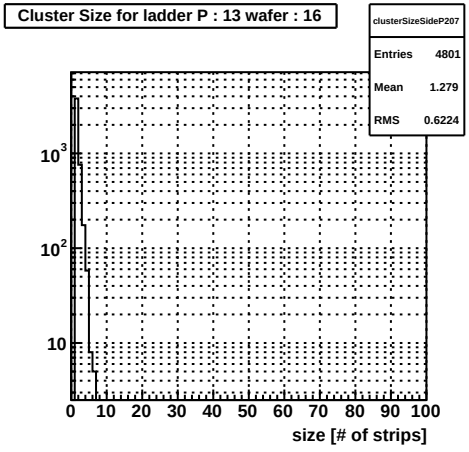

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1582
Mean 1.19
RMS 0.5469
size [# of strips]

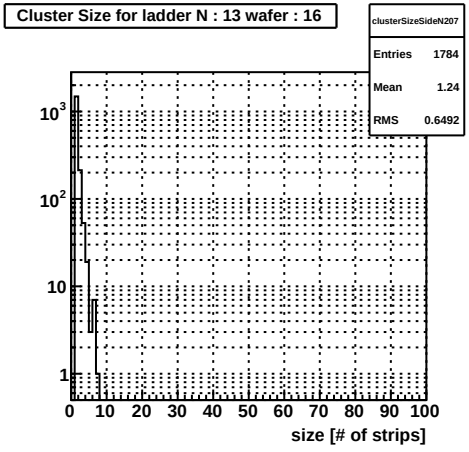

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1193
Mean 1.4
RMS 0.7518
size [# of strips]

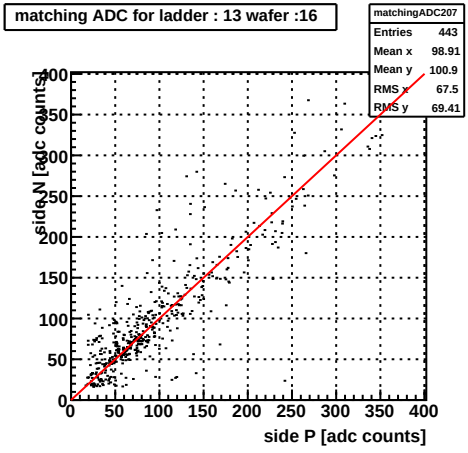

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 680
Mean x 84.47
Mean y 78.01
RMS x 64.07
RMS y 60.36
side N [adc counts]
side P [adc counts]

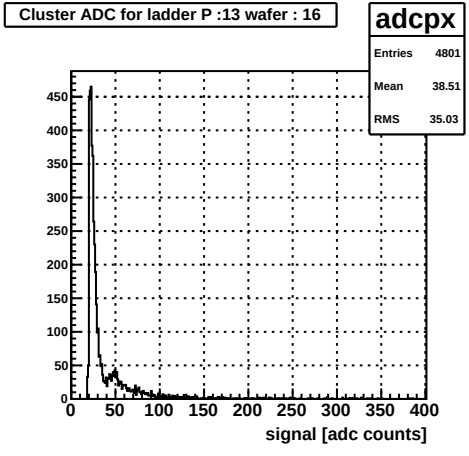

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1582
Mean 52.97
RMS 51.85
signal [adc counts]

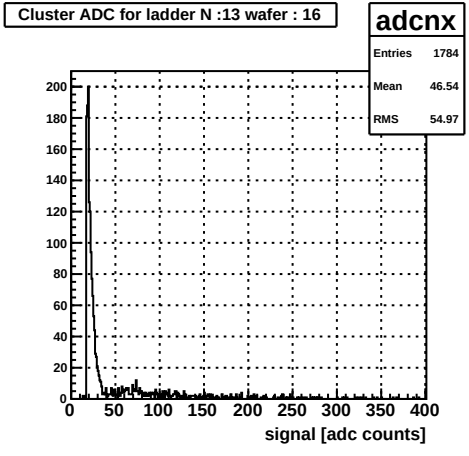

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1193
Mean 62.49
RMS 62.67
signal [adc counts]

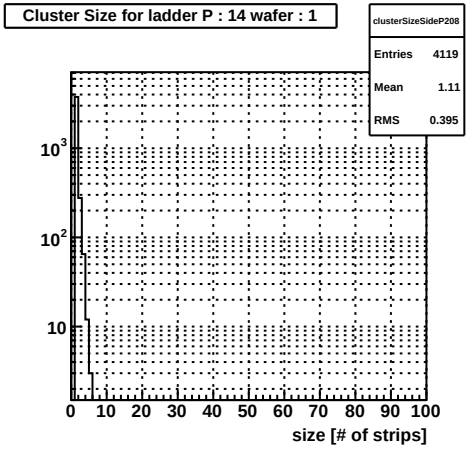

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4801
Mean 1.279
RMS 0.6224
size [# of strips]

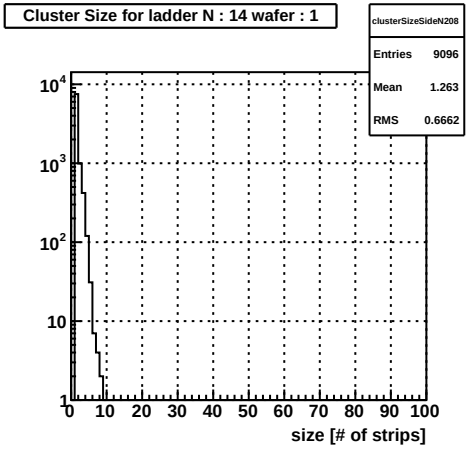

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1784
Mean 1.24
RMS 0.6492
size [# of strips]

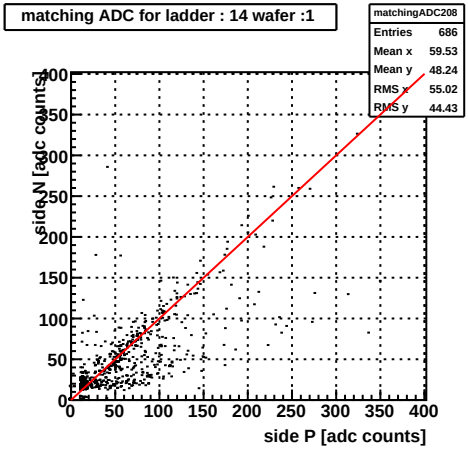

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 443
Mean x 98.91
Mean y 100.9
RMS x 67.5
RMS y 69.41
side N [adc counts]
side P [adc counts]

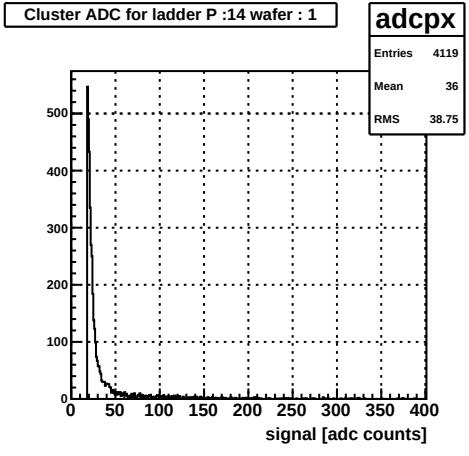

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4801
Mean 38.51
RMS 35.03
signal [adc counts]

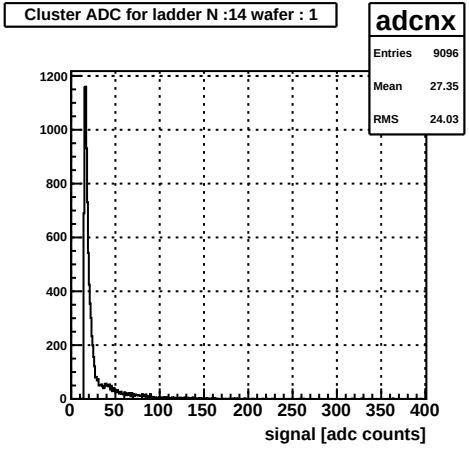

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1784
Mean 46.54
RMS 54.97
signal [adc counts]

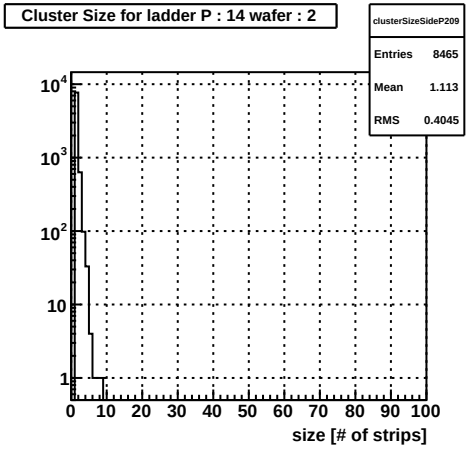

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4119
Mean 1.11
RMS 0.395
size [# of strips]

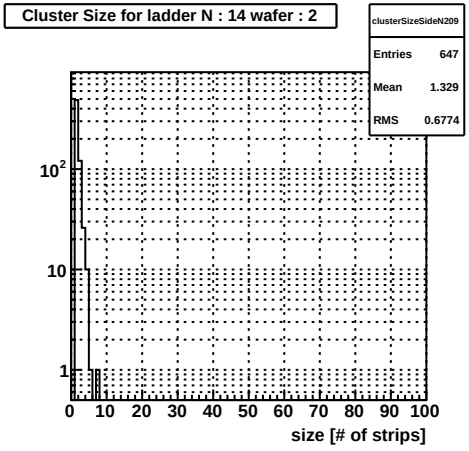

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 9096
Mean 1.263
RMS 0.6662
size [# of strips]

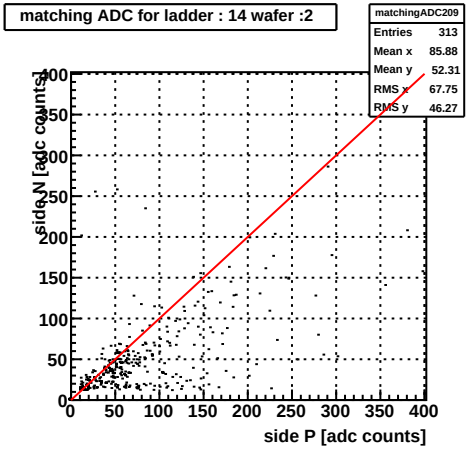

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 686
Mean x 59.53
Mean y 48.24
RMS x 55.02
RMS y 44.43
side N [adc counts]
side P [adc counts]

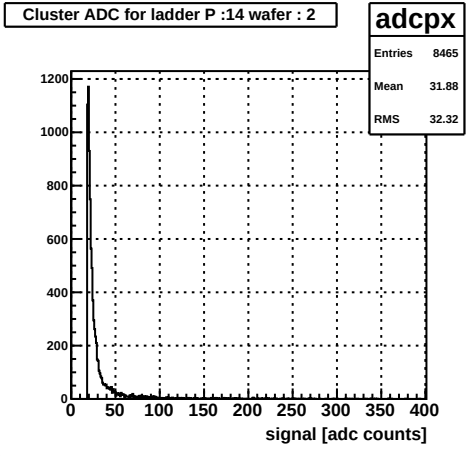

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4119
Mean 36
RMS 38.75
signal [adc counts]

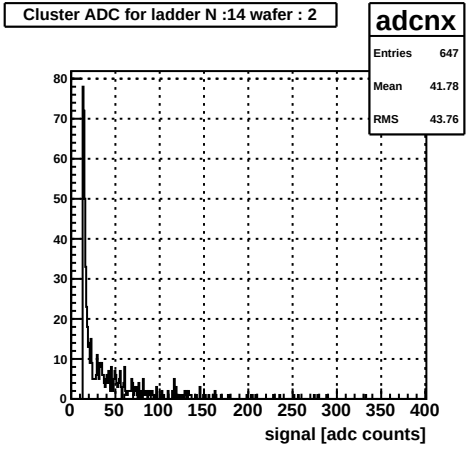

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 9096
Mean 27.35
RMS 24.03
signal [adc counts]

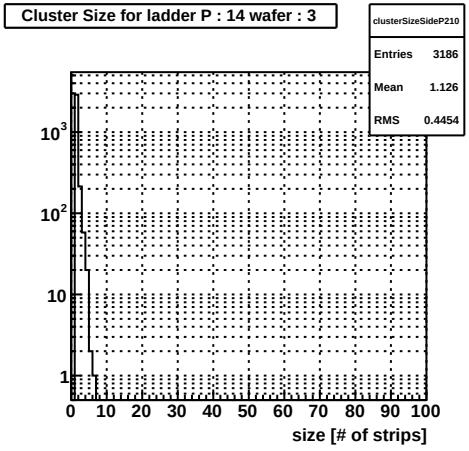

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 8465
Mean 1.113
RMS 0.4045
size [# of strips]

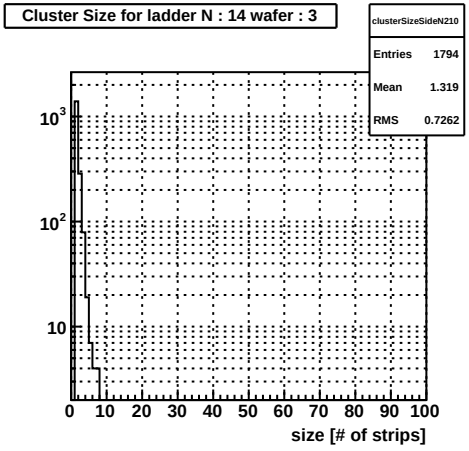

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 647
Mean 1.329
RMS 0.6774
size [# of strips]

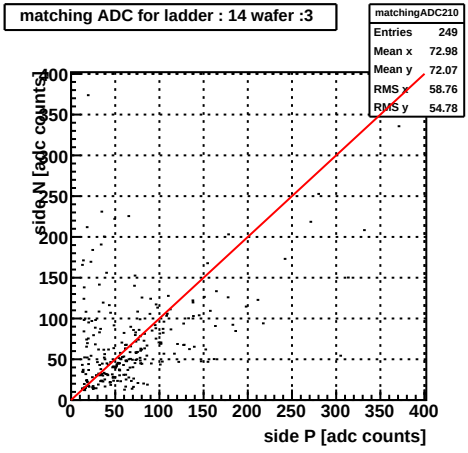

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 313
Mean x 85.88
Mean y 52.31
RMS x 67.75
RMS y 46.27
side N [adc counts]
side P [adc counts]

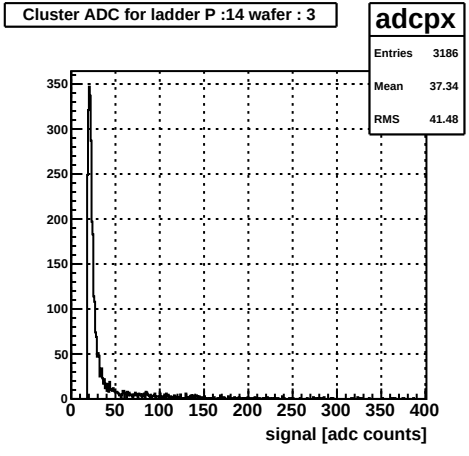

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 8465
Mean 31.88
RMS 32.32
signal [adc counts]

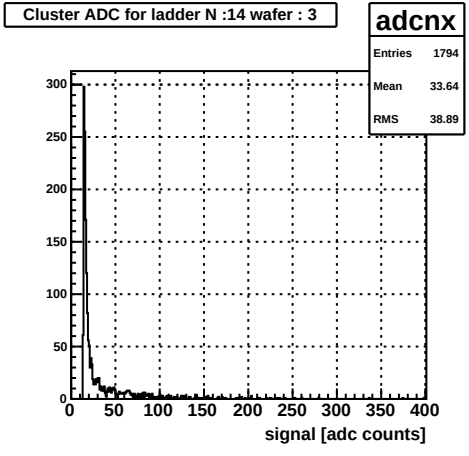

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 647
Mean 41.78
RMS 43.76
signal [adc counts]

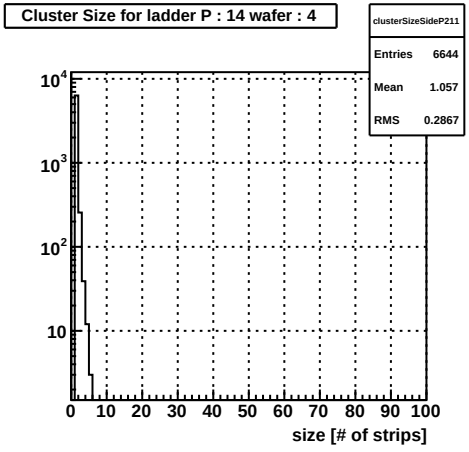

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3186
Mean 1.126
RMS 0.4454
size [# of strips]

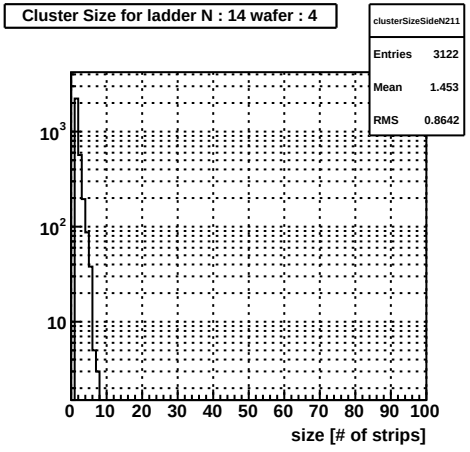

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1794
Mean 1.319
RMS 0.7262
size [# of strips]

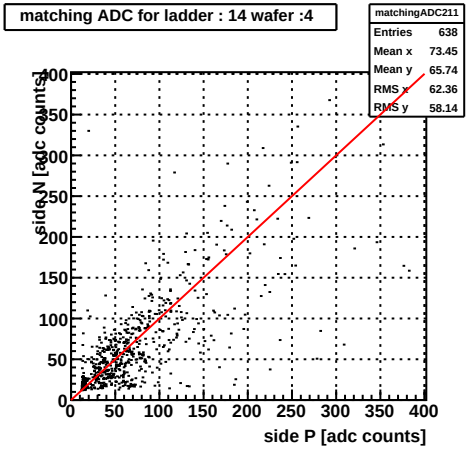

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 249
Mean x 72.98
Mean y 72.07
RMS x 58.76
RMS y 54.78
side N [adc counts]
side P [adc counts]

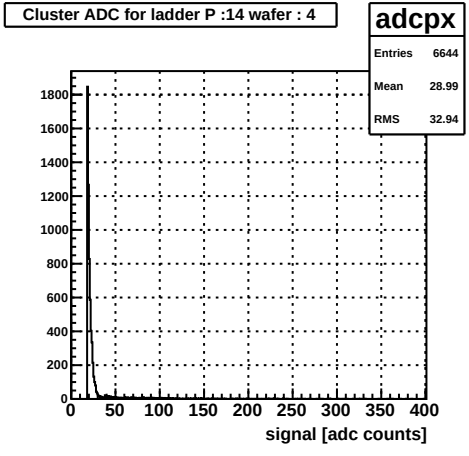

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3186
Mean 37.34
RMS 41.48
signal [adc counts]

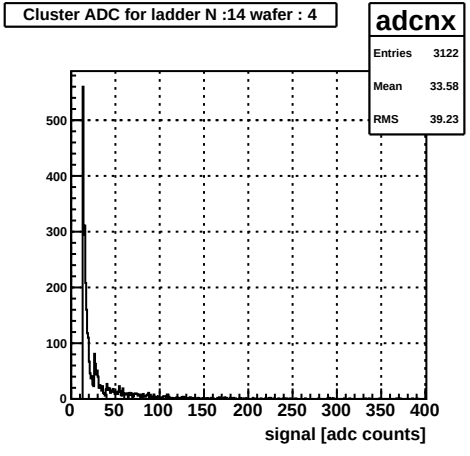

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1794
Mean 33.64
RMS 38.89
signal [adc counts]

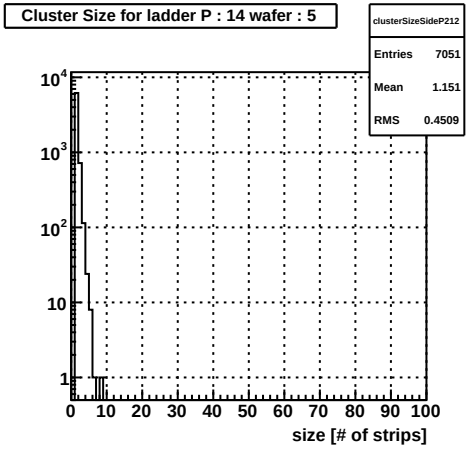

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6644
Mean 1.057
RMS 0.2867
size [# of strips]

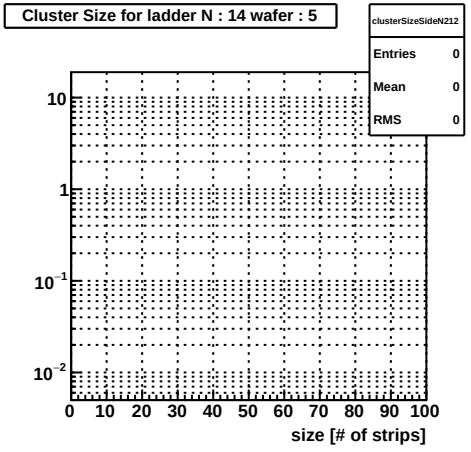

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3122
Mean 1.453
RMS 0.8642
size [# of strips]

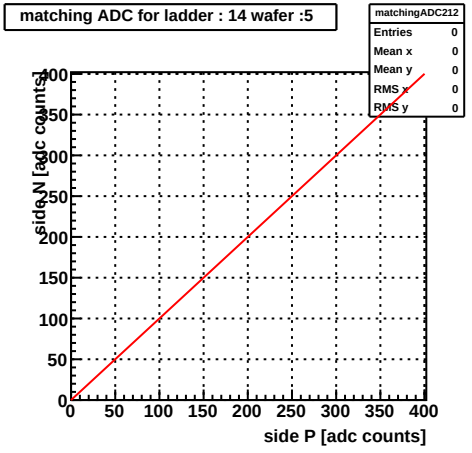

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 638
Mean x 73.45
Mean y 65.74
RMS x 62.36
RMS y 58.14
side N [adc counts]
side P [adc counts]

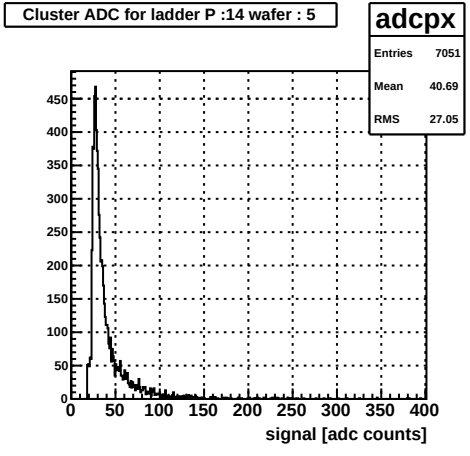

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6644
Mean 28.99
RMS 32.94
signal [adc counts]

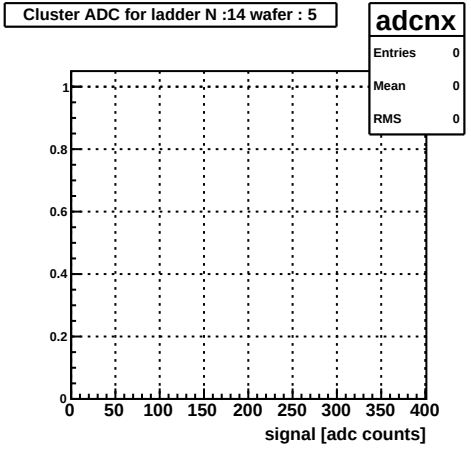

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3122
Mean 33.58
RMS 39.23
signal [adc counts]

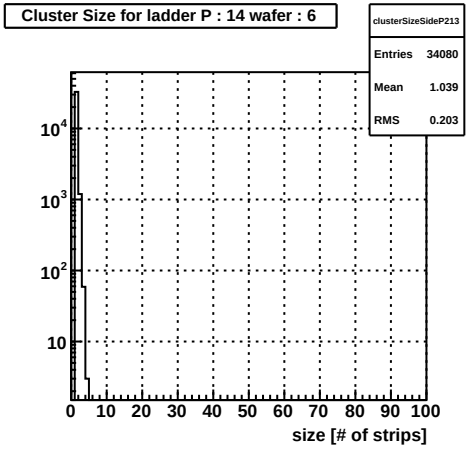

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7051
Mean 1.151
RMS 0.4509
size [# of strips]

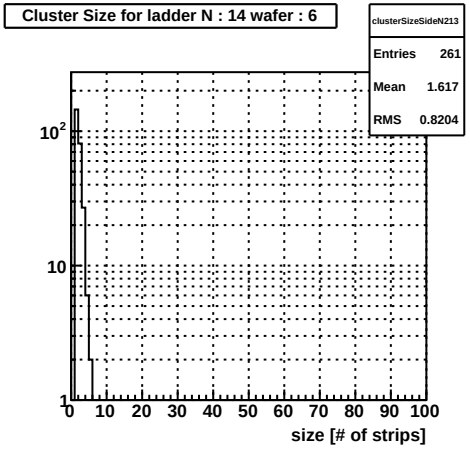

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

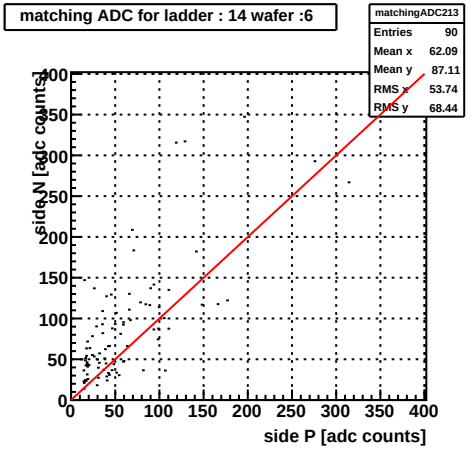

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

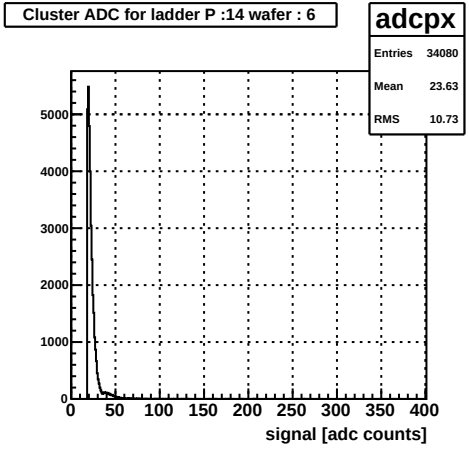

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7051
Mean 40.69
RMS 27.05
signal [adc counts]

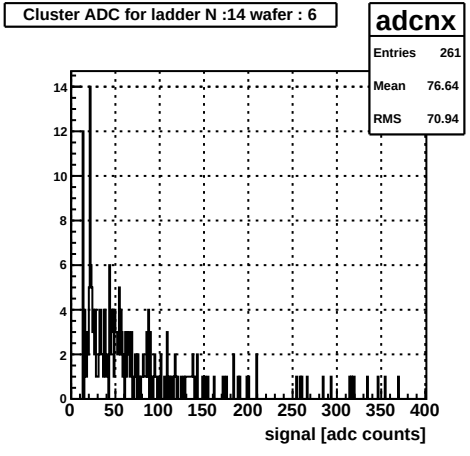

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

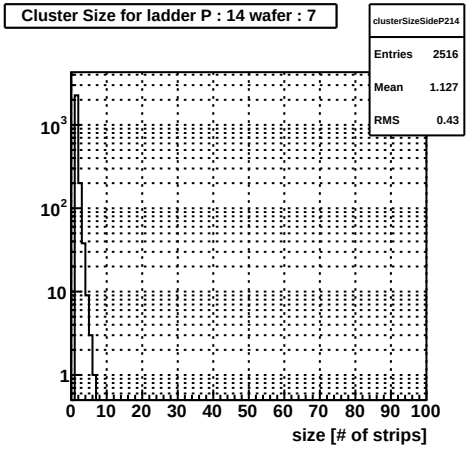

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 34080
Mean 1.039
RMS 0.203
size [# of strips]

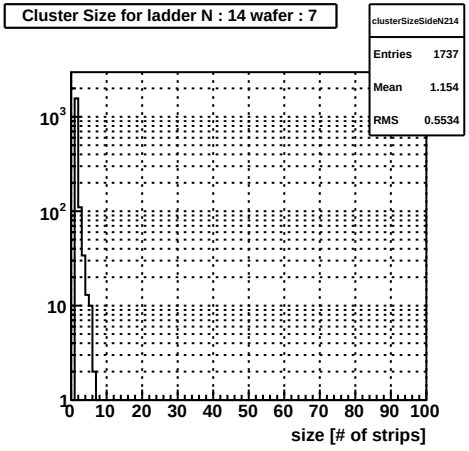

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 261
Mean 1.617
RMS 0.8204
size [# of strips]

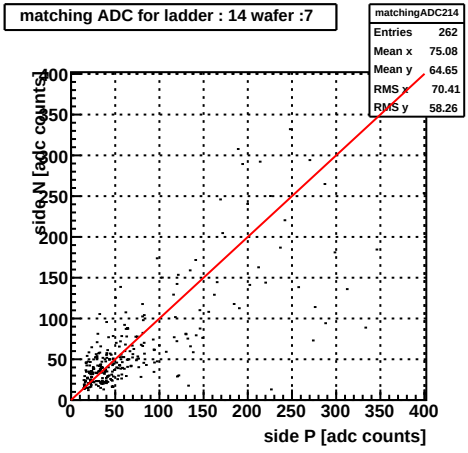

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 90
Mean x 62.09
Mean y 87.11
RMS x 53.74
RMS y 68.44
side N [adc counts]
side P [adc counts]

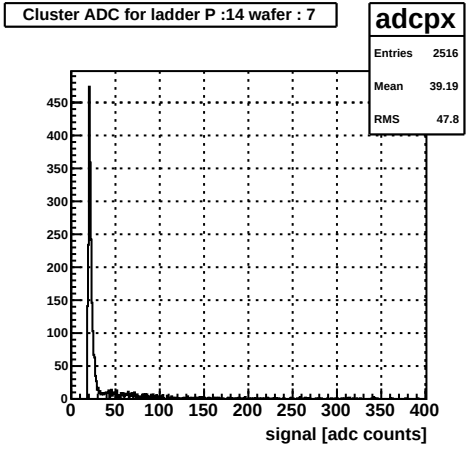

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 34080
Mean 23.63
RMS 10.73
signal [adc counts]

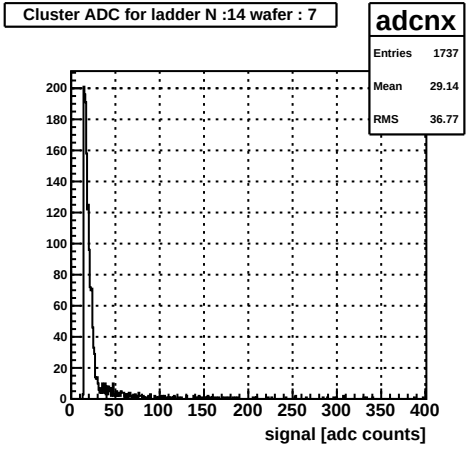

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 261
Mean 76.64
RMS 70.94
signal [adc counts]

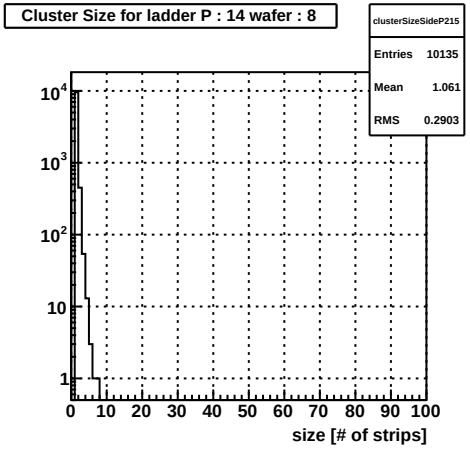

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2516
Mean 1.127
RMS 0.43
size [# of strips]

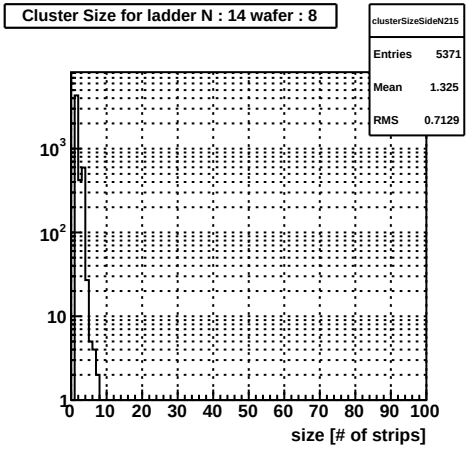

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1737
Mean 1.154
RMS 0.5534
size [# of strips]

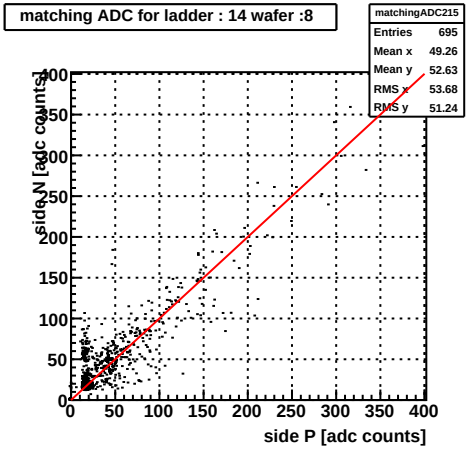

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 262
Mean x 75.08
Mean y 64.65
RMS x 70.41
RMS y 58.26
side N [adc counts]
side P [adc counts]

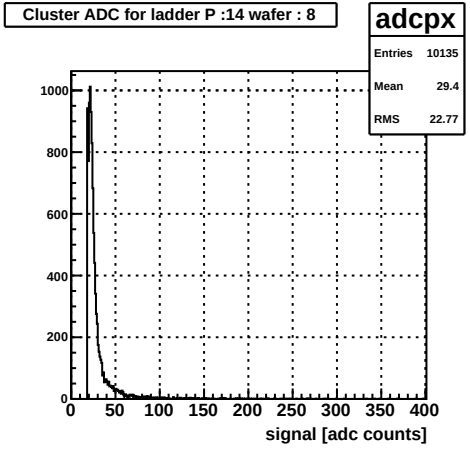

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2516
Mean 39.19
RMS 47.8
signal [adc counts]

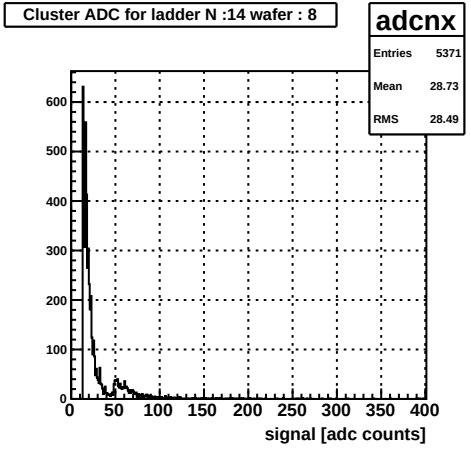

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1737
Mean 29.14
RMS 36.77
signal [adc counts]

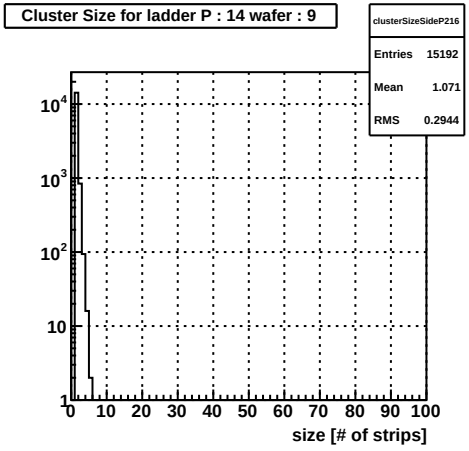

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 10135
Mean 1.061
RMS 0.2903
size [# of strips]

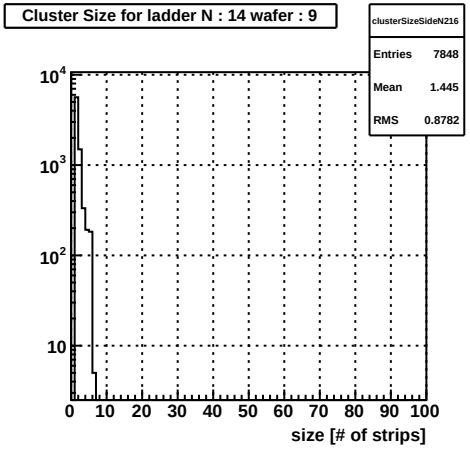

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5371
Mean 1.325
RMS 0.7129
size [# of strips]

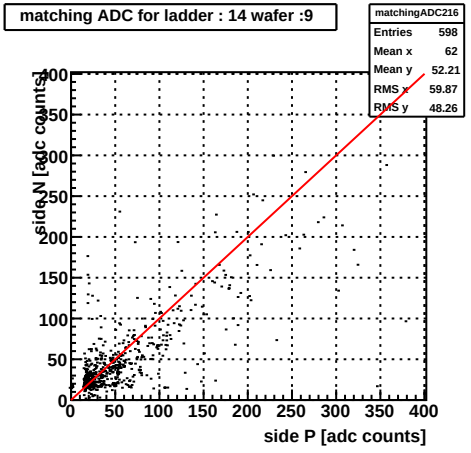

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 695
Mean x 49.26
Mean y 52.63
RMS x 53.68
RMS y 51.24
side N [adc counts]
side P [adc counts]

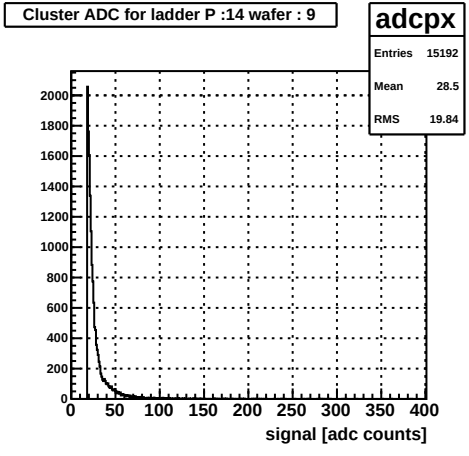

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 10135
Mean 29.4
RMS 22.77
signal [adc counts]

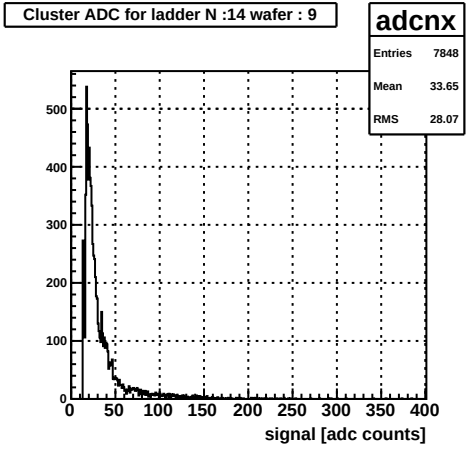

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5371
Mean 28.73
RMS 28.49
signal [adc counts]

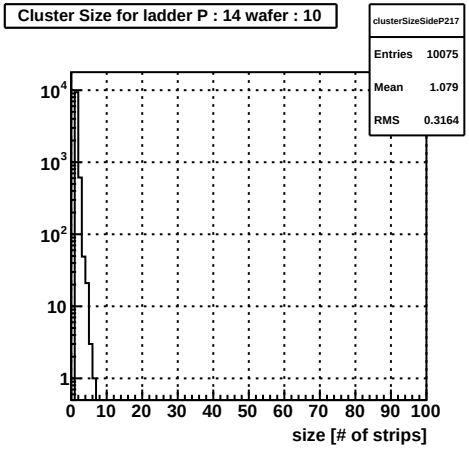

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 15192
Mean 1.071
RMS 0.2944
size [# of strips]

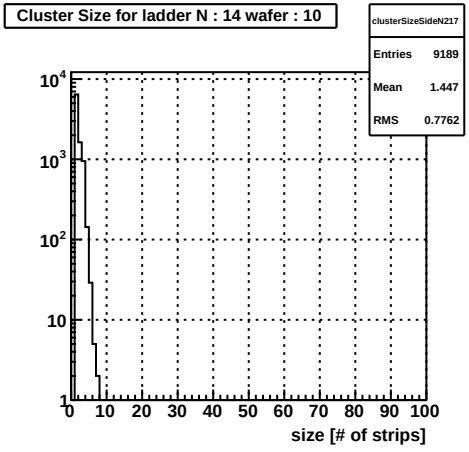

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 7848
Mean 1.445
RMS 0.8782
size [# of strips]

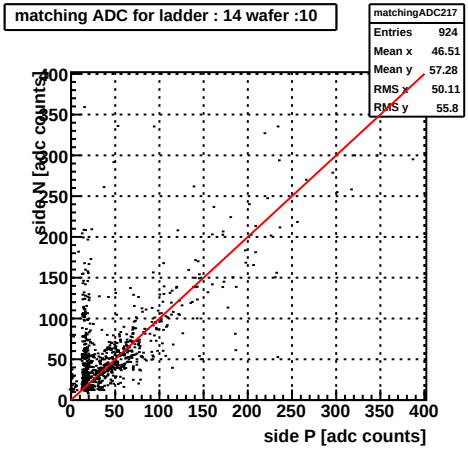

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 598
Mean x 62
Mean y 52.21
RMS x 59.87
RMS y 48.26
side N [adc counts]
side P [adc counts]

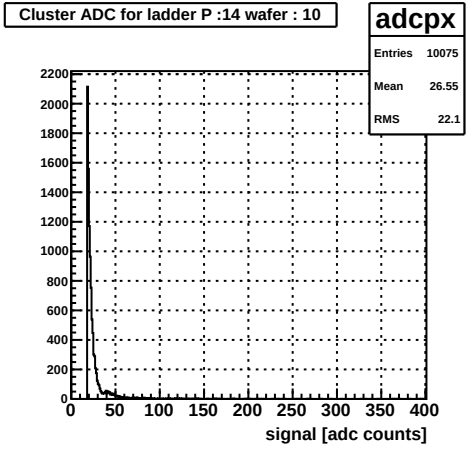

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 15192
Mean 28.5
RMS 19.84
signal [adc counts]

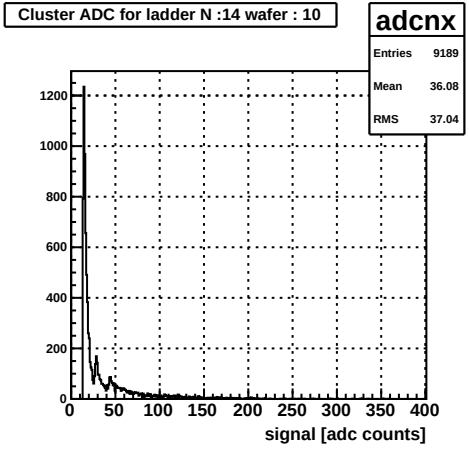

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 7848
Mean 33.65
RMS 28.07
signal [adc counts]

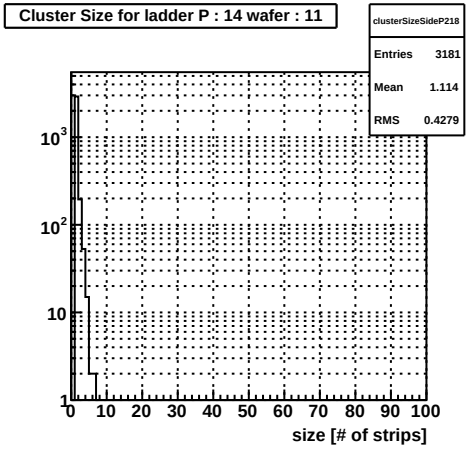

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10075
Mean 1.079
RMS 0.3164
size [# of strips]

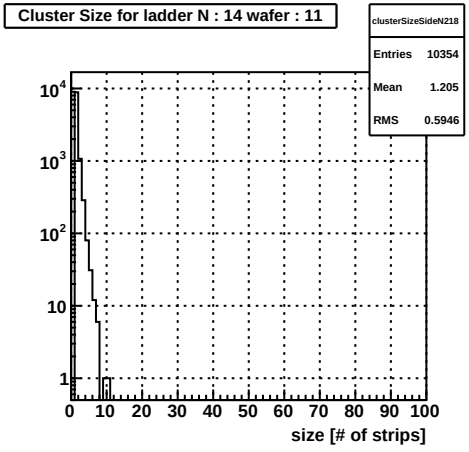

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9189
Mean 1.447
RMS 0.7762
size [# of strips]

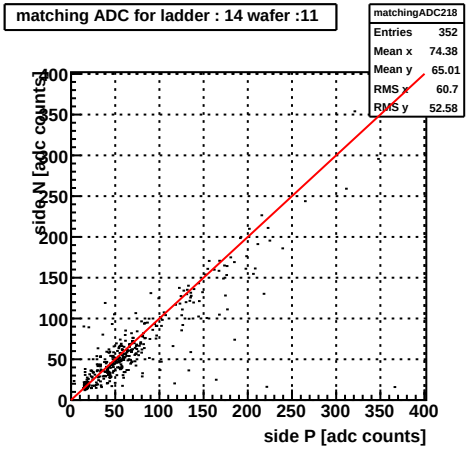

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 924
Mean x 46.51
Mean y 57.28
RMS x 50.11
RMS y 55.8
side N [adc counts]
side P [adc counts]

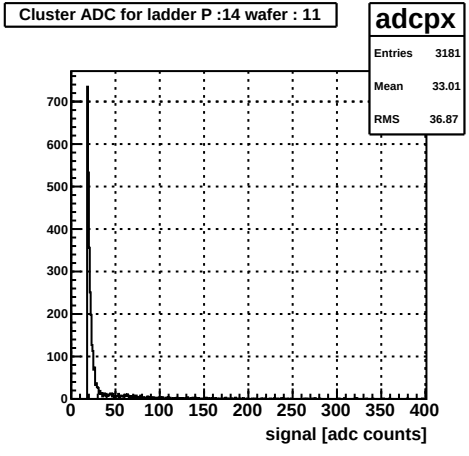

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10075
Mean 26.55
RMS 22.1
signal [adc counts]

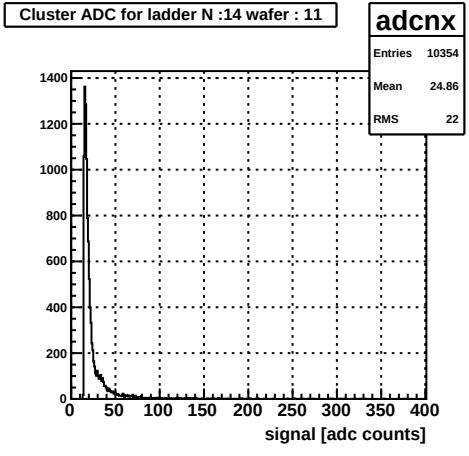

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9189
Mean 36.08
RMS 37.04
signal [adc counts]

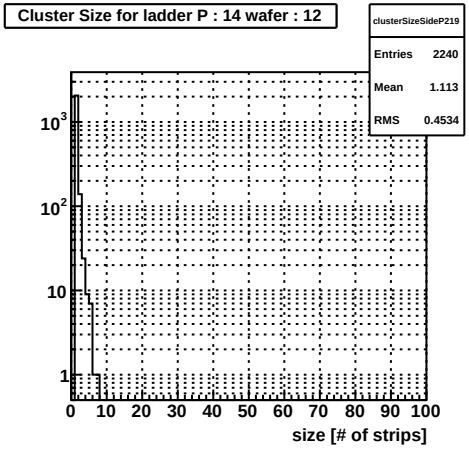

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3181
Mean 1.114
RMS 0.4279
size [# of strips]

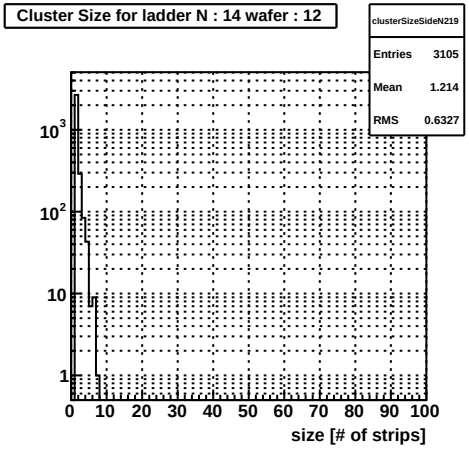

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10354
Mean 1.205
RMS 0.5946
size [# of strips]

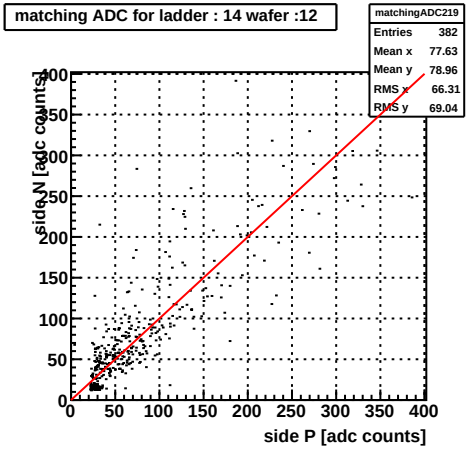

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 352
Mean x 74.38
Mean y 65.01
RMS x 60.7
RMS y 52.58
side N [adc counts]
side P [adc counts]

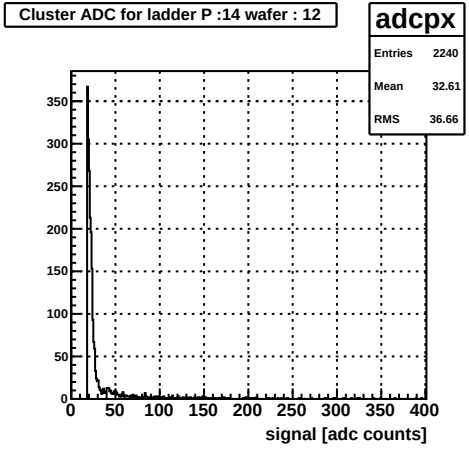

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3181
Mean 33.01
RMS 36.87
signal [adc counts]

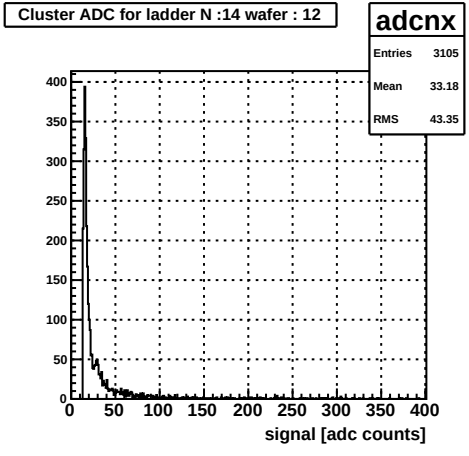

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10354
Mean 24.86
RMS 22
signal [adc counts]

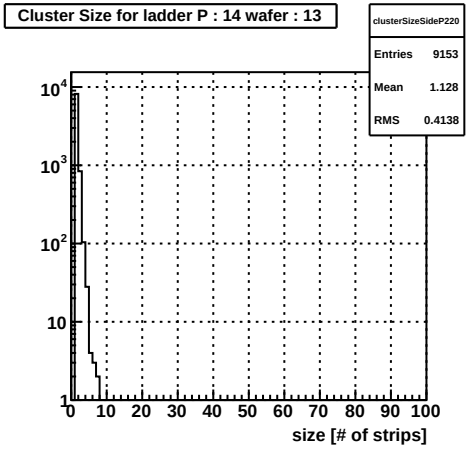

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 2240
Mean 1.113
RMS 0.4534
size [# of strips]

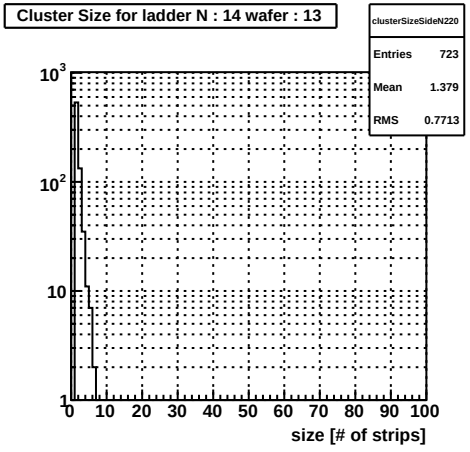

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3105
Mean 1.214
RMS 0.6327
size [# of strips]

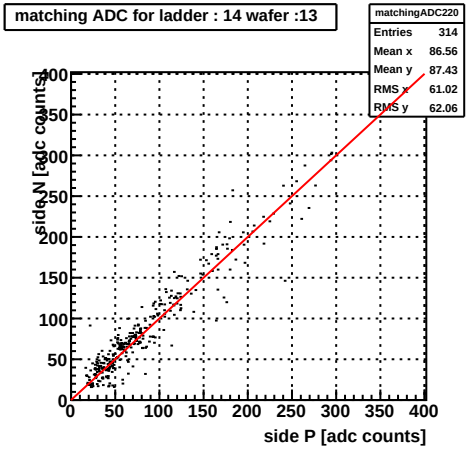

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 382
Mean x 77.63
Mean y 78.96
RMS x 66.31
RMS y 69.04
side N [adc counts]
side P [adc counts]

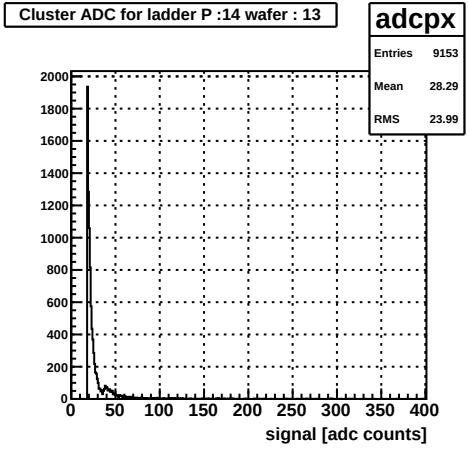

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 2240
Mean 32.61
RMS 36.66
signal [adc counts]

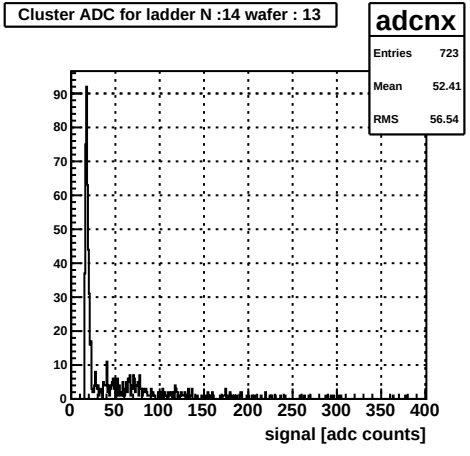

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3105
Mean 33.18
RMS 43.35
signal [adc counts]

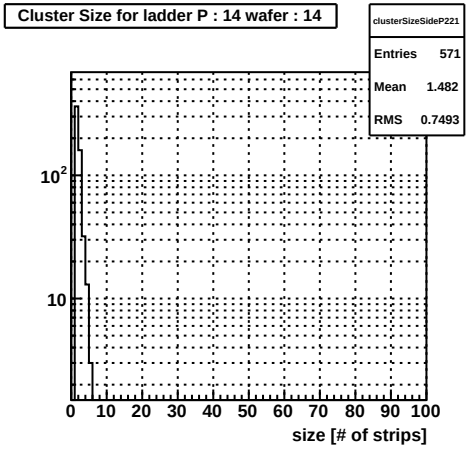

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9153
Mean 1.128
RMS 0.4138
size [# of strips]

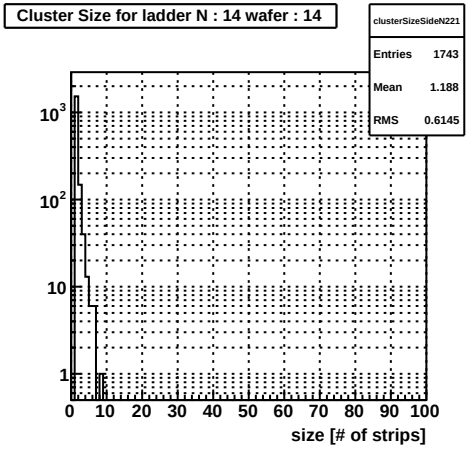

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 723
Mean 1.379
RMS 0.7713
size [# of strips]

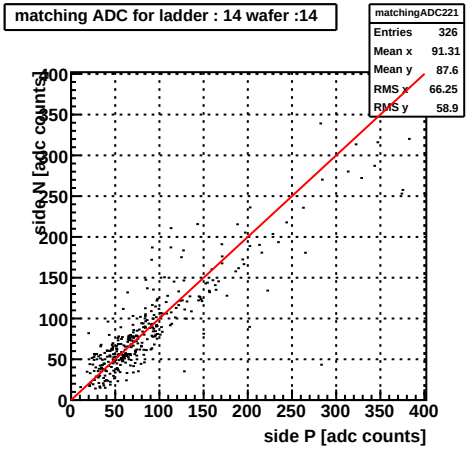

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 314
Mean x 86.56
Mean y 87.43
RMS x 61.02
RMS y 62.06
side N [adc counts]
side P [adc counts]

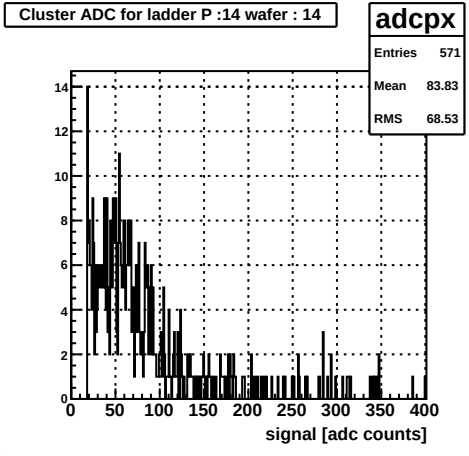

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9153
Mean 28.29
RMS 23.99
signal [adc counts]

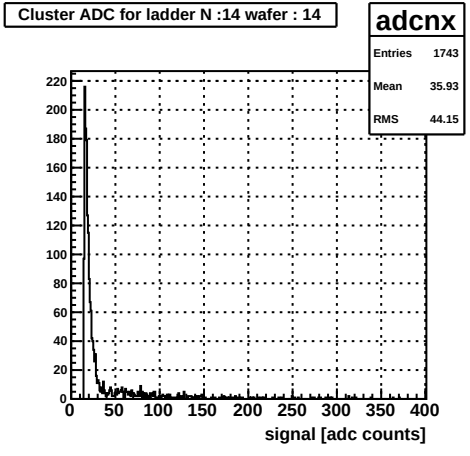

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 723
Mean 52.41
RMS 56.54
signal [adc counts]

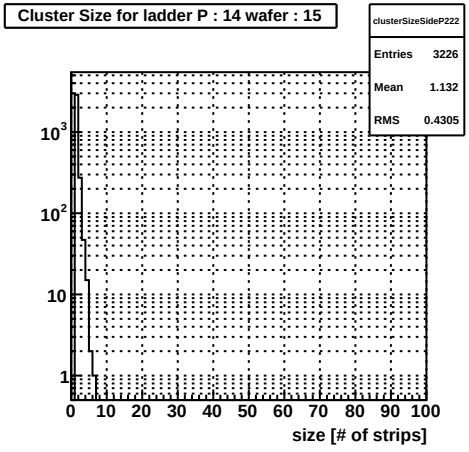

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 571
Mean 1.482
RMS 0.7493
size [# of strips]

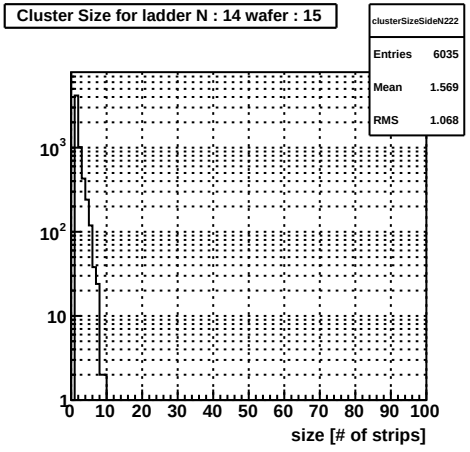

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1743
Mean 1.188
RMS 0.6145
size [# of strips]

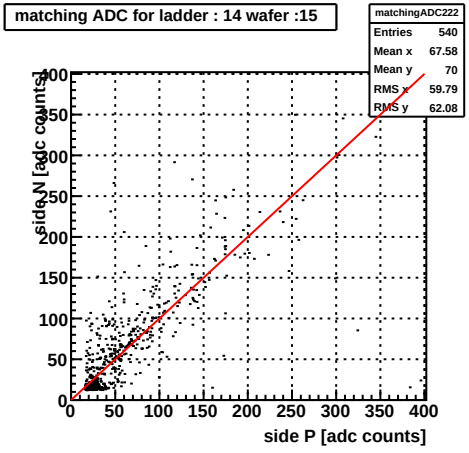

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 326
Mean x 91.31
Mean y 87.6
RMS x 66.25
RMS y 58.9
side N [adc counts]
side P [adc counts]

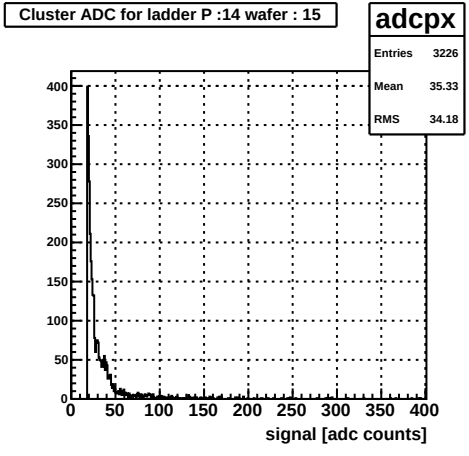

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 571
Mean 83.83
RMS 68.53
signal [adc counts]

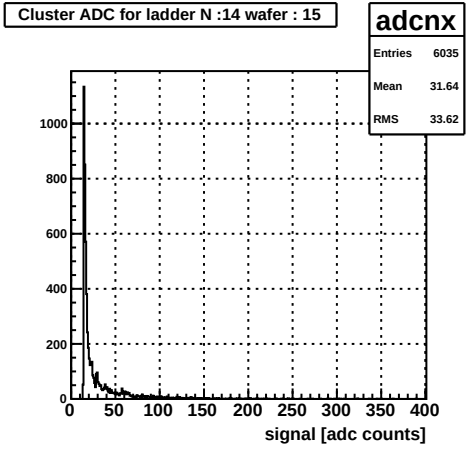

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1743
Mean 35.93
RMS 44.15
signal [adc counts]

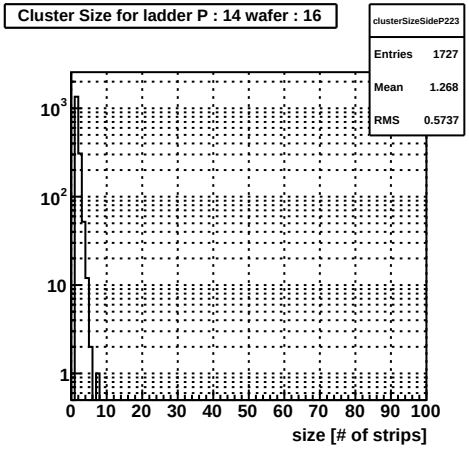

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3226
Mean 1.132
RMS 0.4305
size [# of strips]

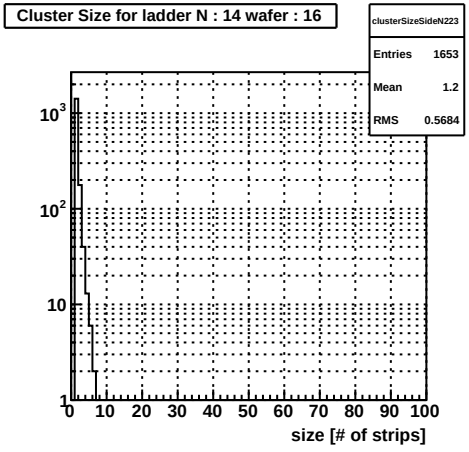

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 6035
Mean 1.569
RMS 1.068
size [# of strips]

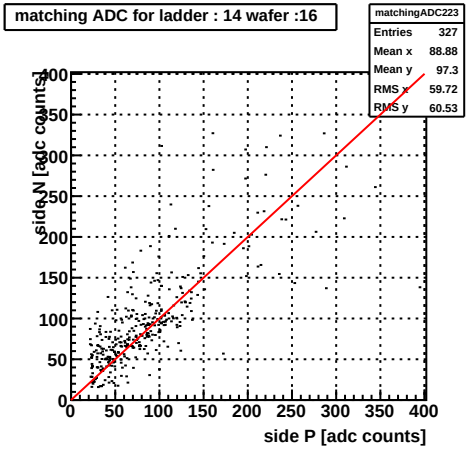

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 540
Mean x 67.58
Mean y 70
RMS x 59.79
RMS y 62.08
side N [adc counts]
side P [adc counts]

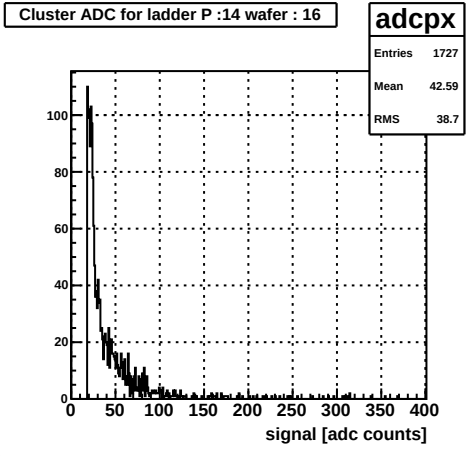

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3226
Mean 35.33
RMS 34.18
signal [adc counts]

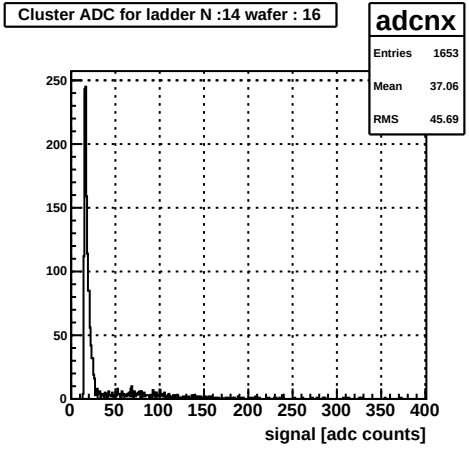

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 6035
Mean 31.64
RMS 33.62
signal [adc counts]

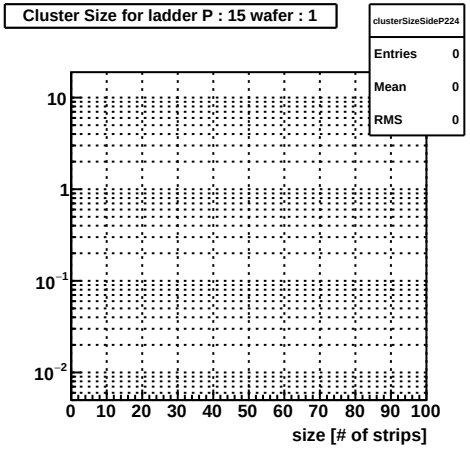

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1727
Mean 1.268
RMS 0.5737
size [# of strips]

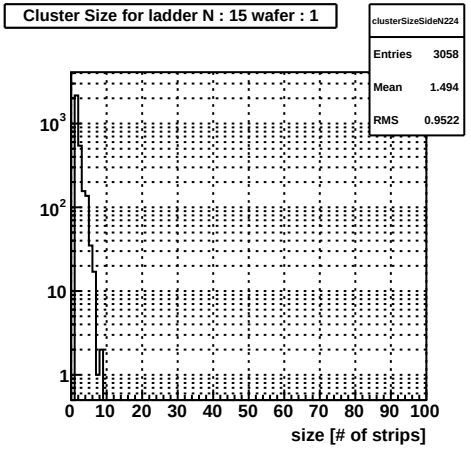

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1653
Mean 1.2
RMS 0.5684
size [# of strips]

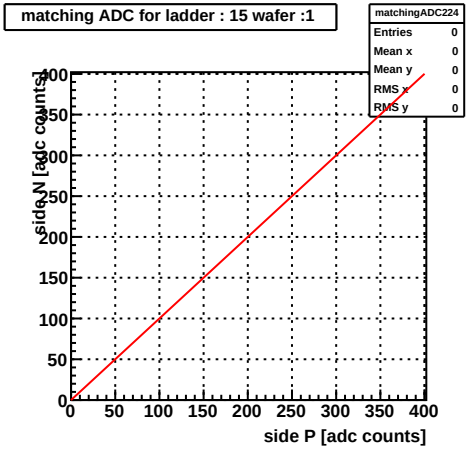

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 327
Mean x 88.88
Mean y 97.3
RMS x 59.72
RMS y 60.53
side N [adc counts]
side P [adc counts]

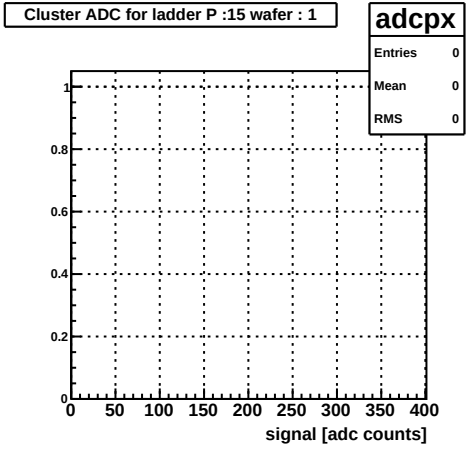

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1727
Mean 42.59
RMS 38.7
signal [adc counts]

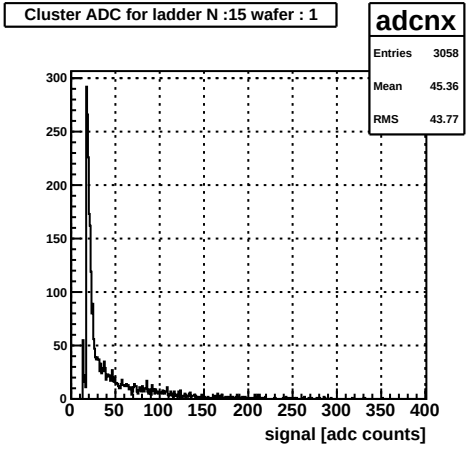

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1653
Mean 37.06
RMS 45.69
signal [adc counts]

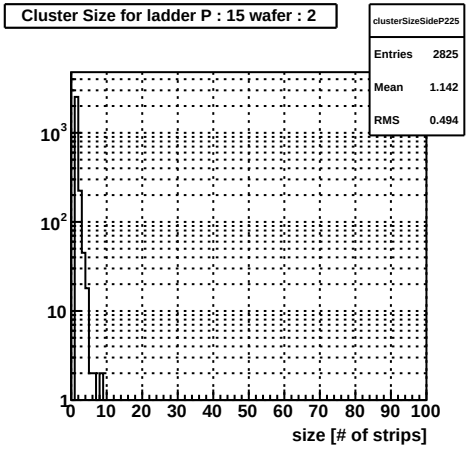

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

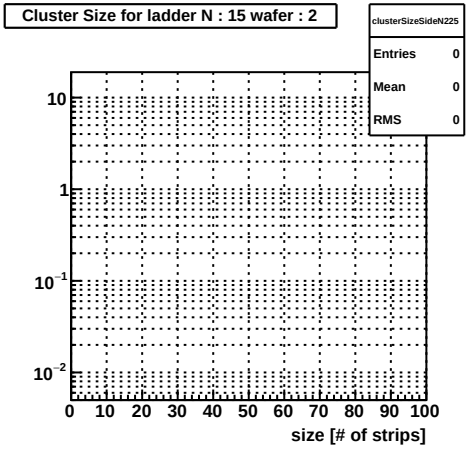

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3058
Mean 1.494
RMS 0.9522
size [# of strips]

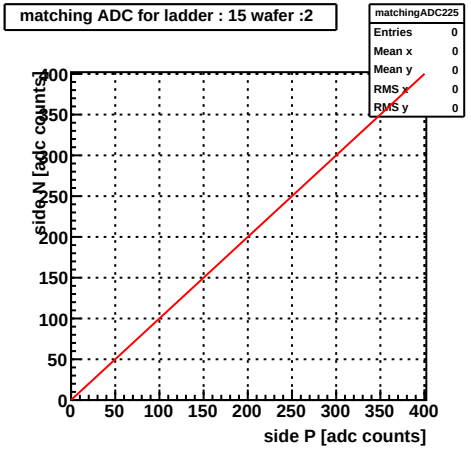

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

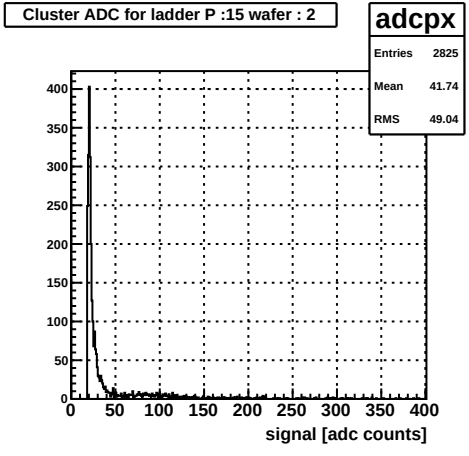

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

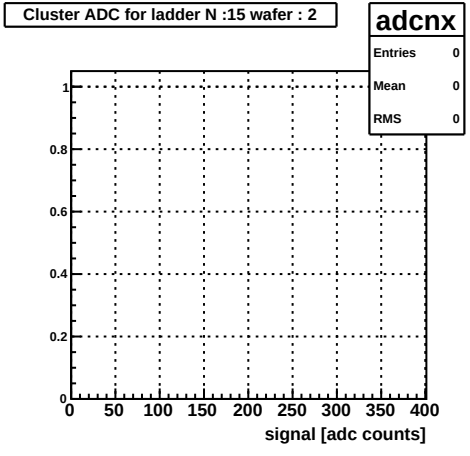

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3058
Mean 45.36
RMS 43.77
signal [adc counts]

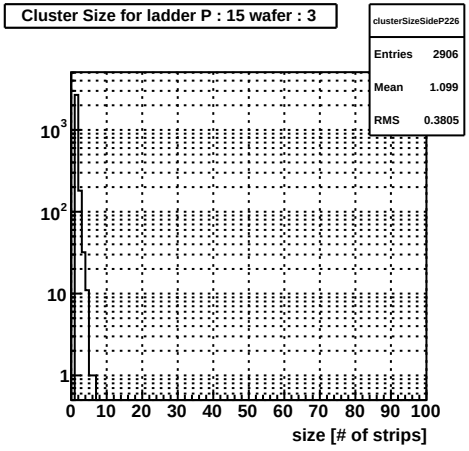

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2825
Mean 1.142
RMS 0.494
size [# of strips]

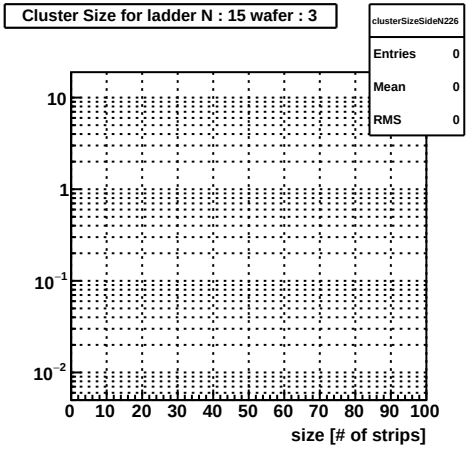

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

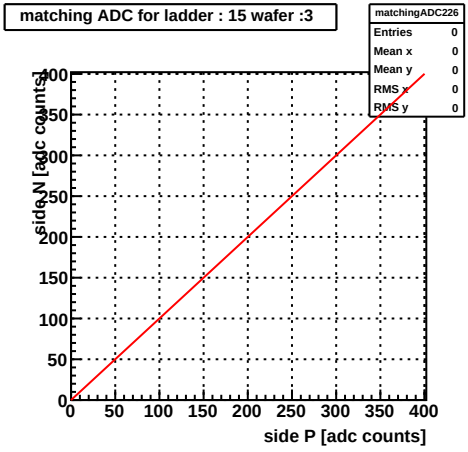

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

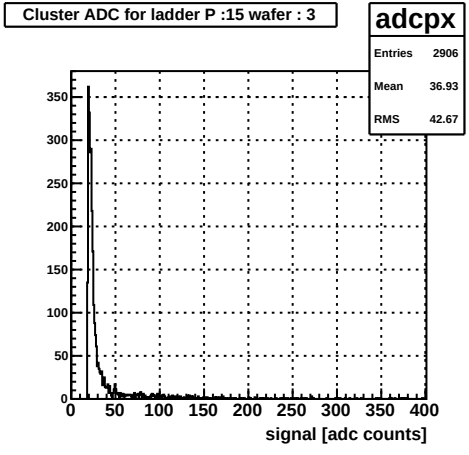

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2825
Mean 41.74
RMS 49.04
signal [adc counts]

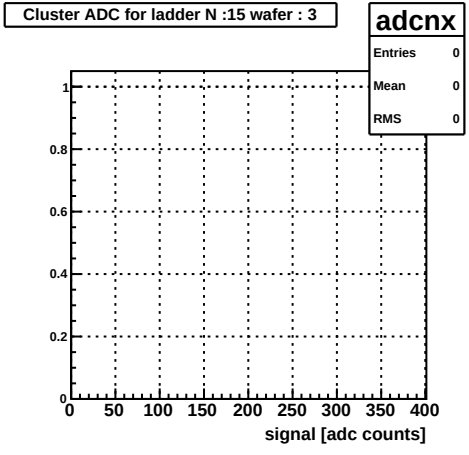

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

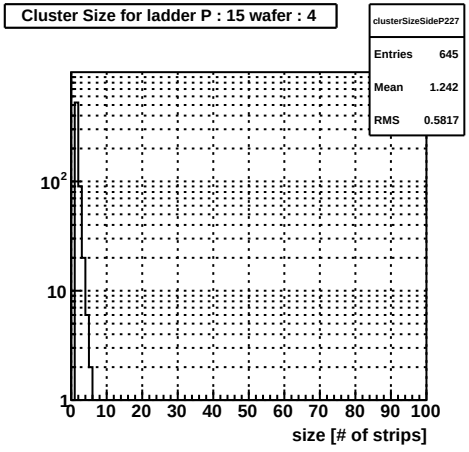

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2906
Mean 1.099
RMS 0.3805
size [# of strips]

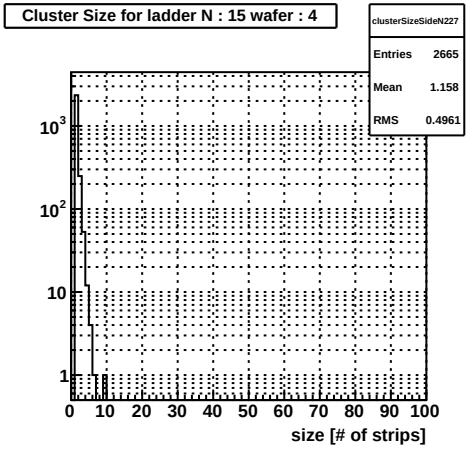

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

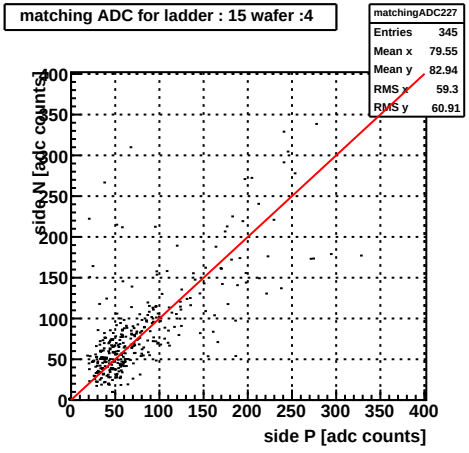

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

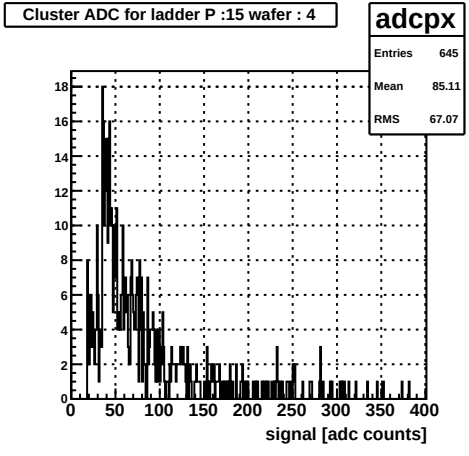

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2906
Mean 36.93
RMS 42.67
signal [adc counts]

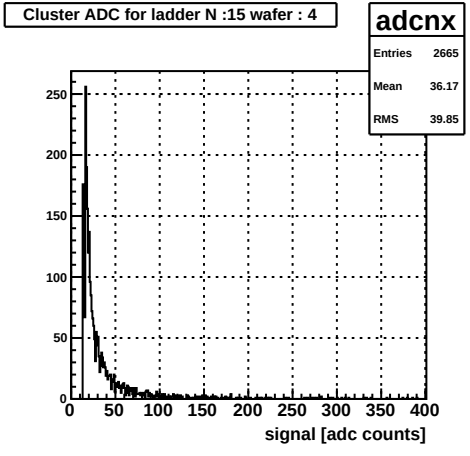

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

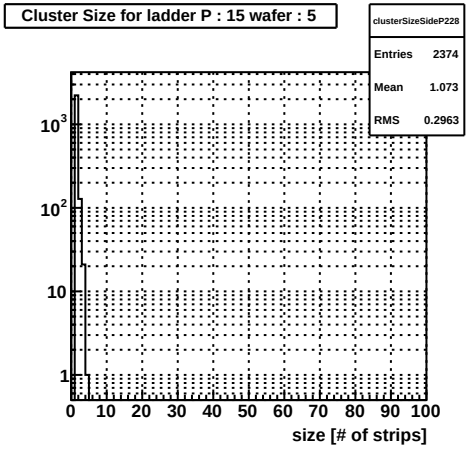

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 645
Mean 1.242
RMS 0.5817
size [# of strips]

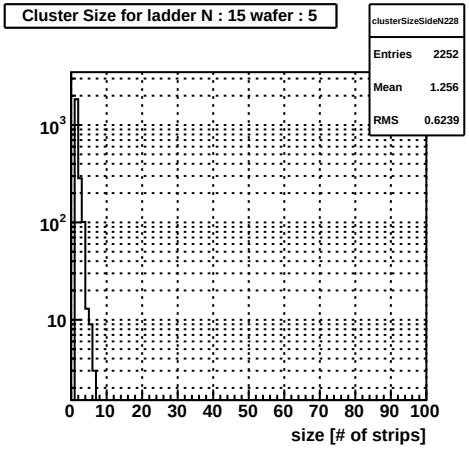

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2665
Mean 1.158
RMS 0.4961
size [# of strips]

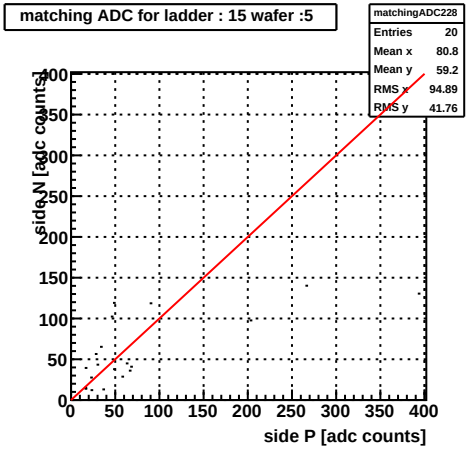

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 345
Mean x 79.55
Mean y 82.94
RMS x 59.3
RMS y 60.91
side N [adc counts]
side P [adc counts]

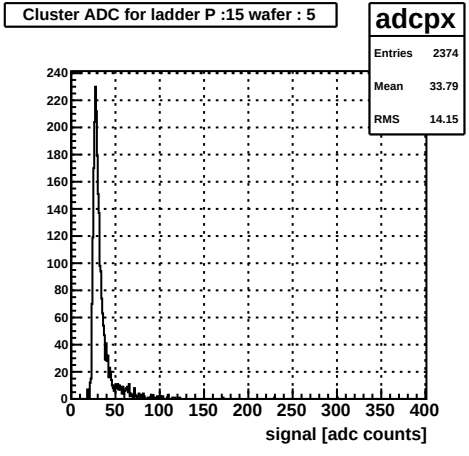

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 645
Mean 85.11
RMS 67.07
signal [adc counts]

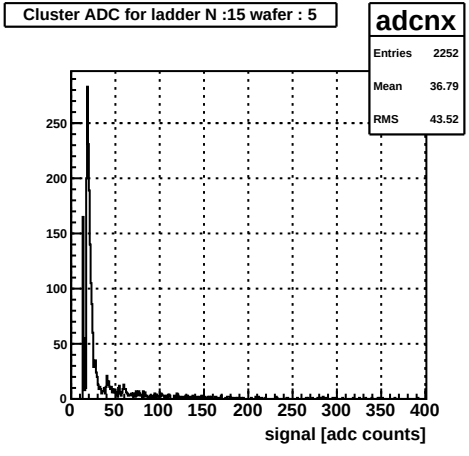

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2665
Mean 36.17
RMS 39.85
signal [adc counts]

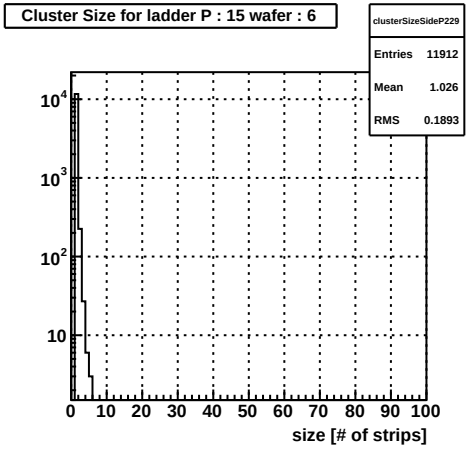

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2374
Mean 1.073
RMS 0.2963
size [# of strips]

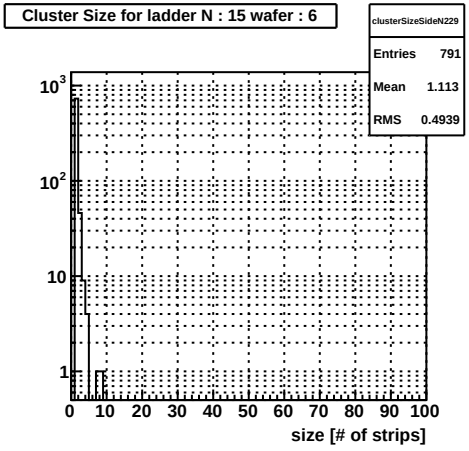

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2252
Mean 1.256
RMS 0.6239
size [# of strips]

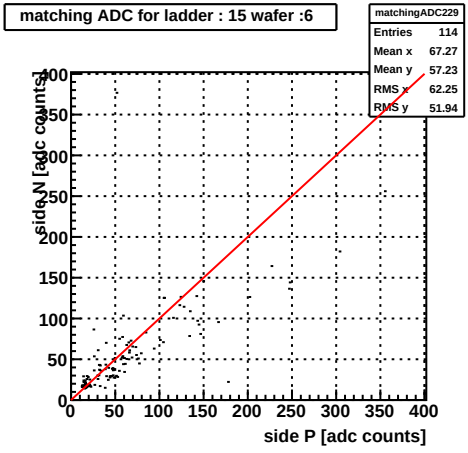

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 20
Mean x 80.8
Mean y 59.2
RMS x 94.89
RMS y 41.76
side N [adc counts]
side P [adc counts]

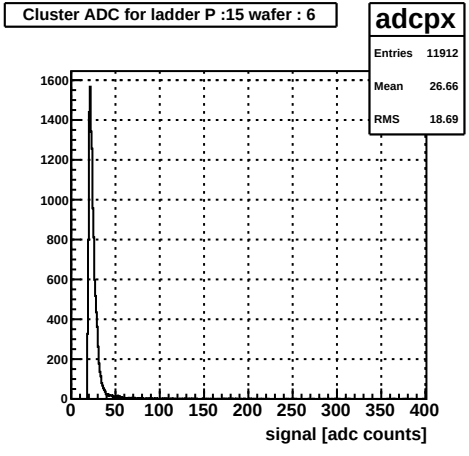

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2374
Mean 33.79
RMS 14.15
signal [adc counts]

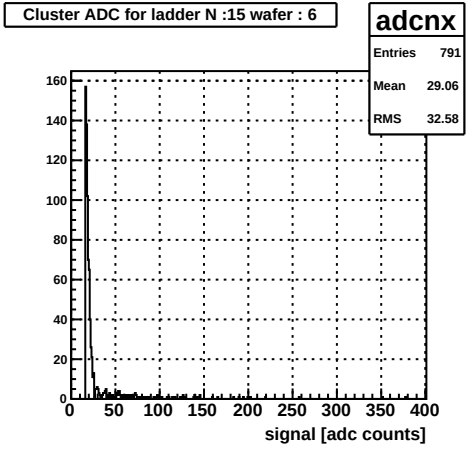

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2252
Mean 36.79
RMS 43.52
signal [adc counts]

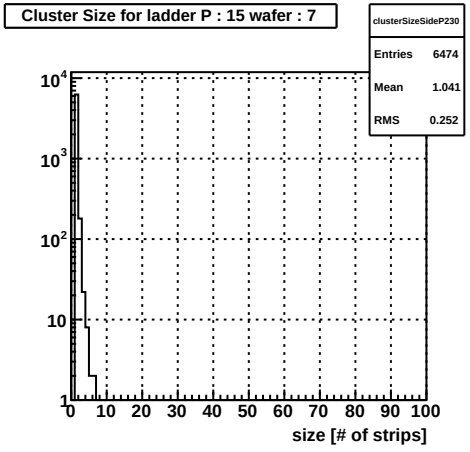

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 11912
Mean 1.026
RMS 0.1893
size [# of strips]

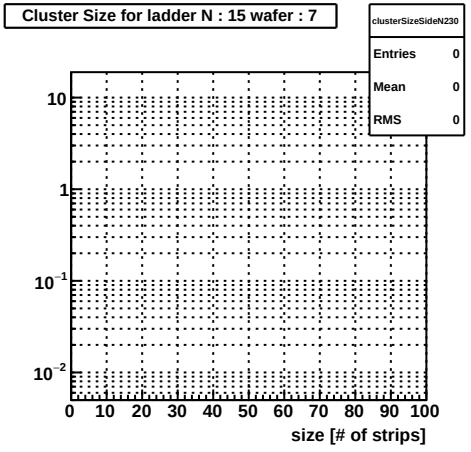

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 791
Mean 1.113
RMS 0.4939
size [# of strips]

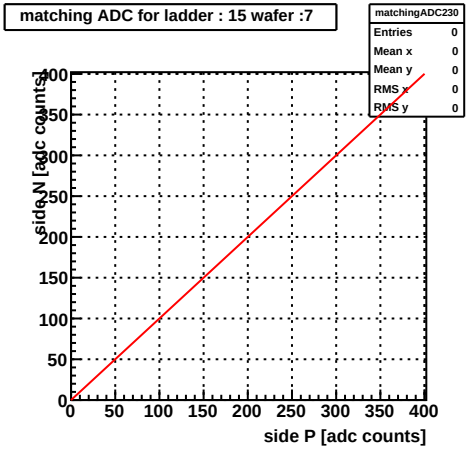

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 114
Mean x 67.27
Mean y 57.23
RMS x 62.25
RMS y 51.94
side N [adc counts]
side P [adc counts]

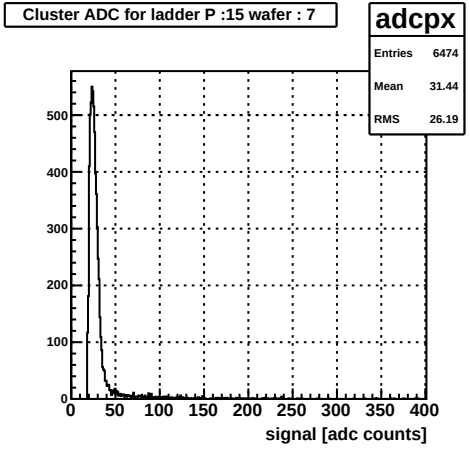

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 11912
Mean 26.66
RMS 18.69
signal [adc counts]

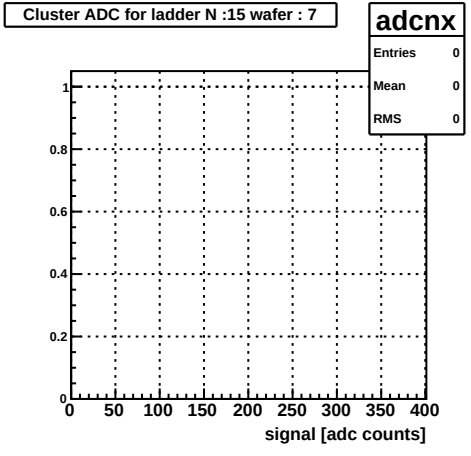

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 791
Mean 29.06
RMS 32.58
signal [adc counts]

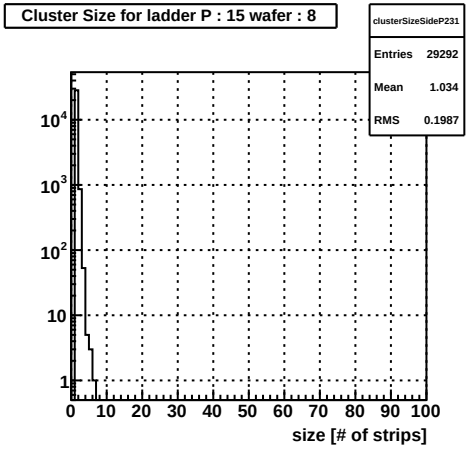

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 6474
Mean 1.041
RMS 0.252
size [# of strips]

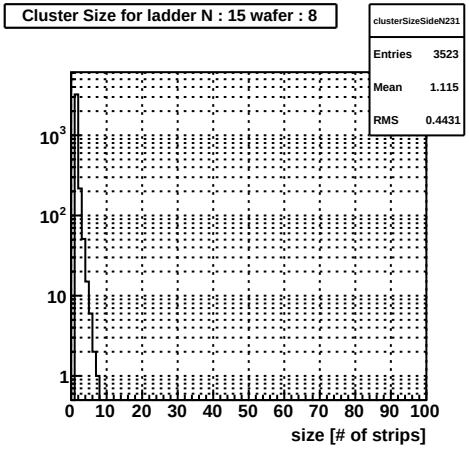

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

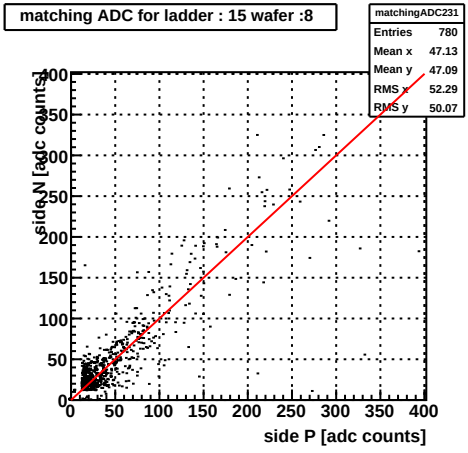

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

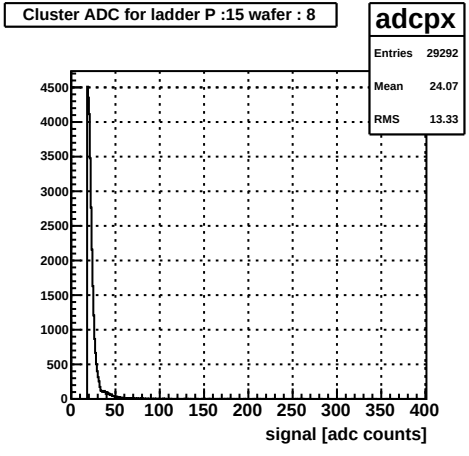

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 6474
Mean 31.44
RMS 26.19
signal [adc counts]

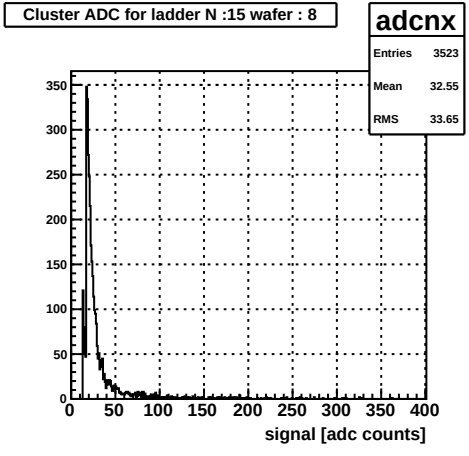

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

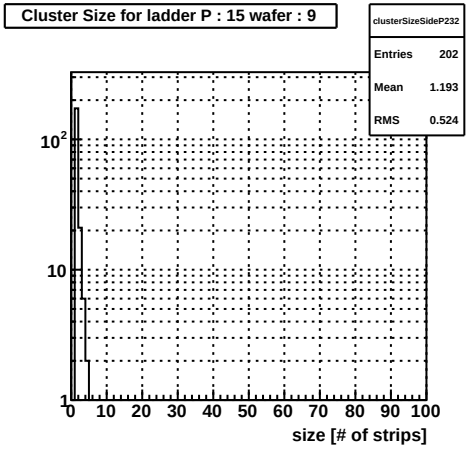

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 29292
Mean 1.034
RMS 0.1987
size [# of strips]

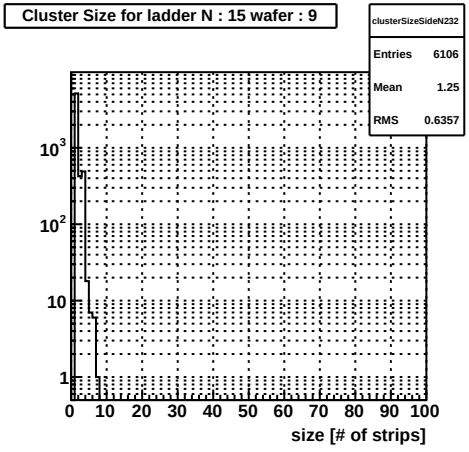

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3523
Mean 1.115
RMS 0.4431
size [# of strips]

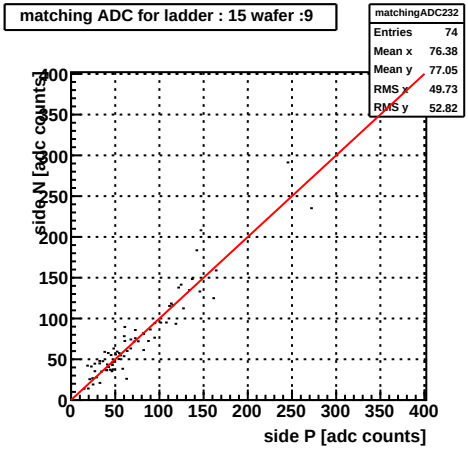

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 780
Mean x 47.13
Mean y 47.09
RMS x 52.29
RMS y 50.07
side N [adc counts]
side P [adc counts]

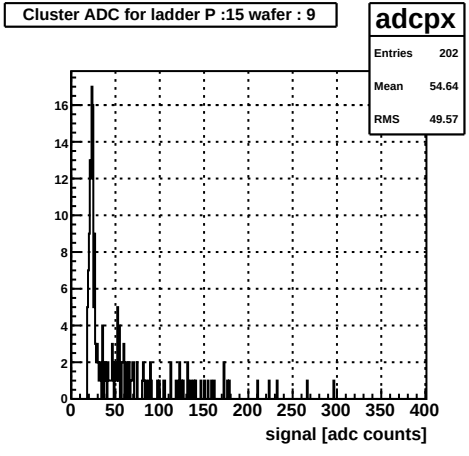

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 29292
Mean 24.07
RMS 13.33
signal [adc counts]

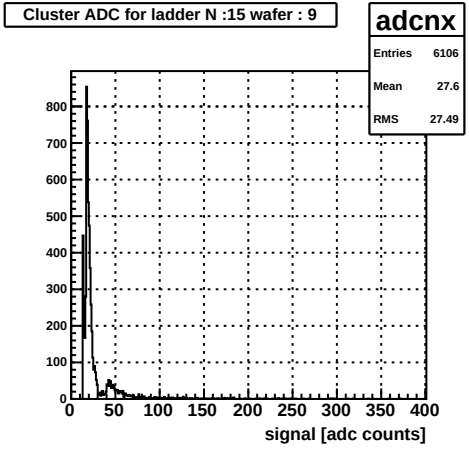

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3523
Mean 32.55
RMS 33.65
signal [adc counts]

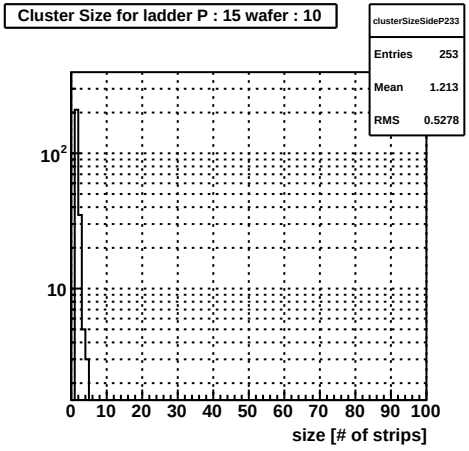

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 202
Mean 1.193
RMS 0.524
size [# of strips]

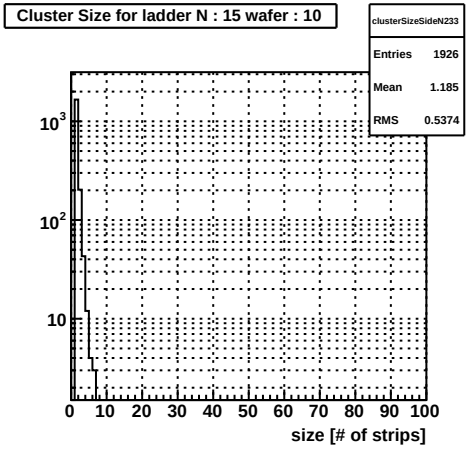

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 6106
Mean 1.25
RMS 0.6357
size [# of strips]

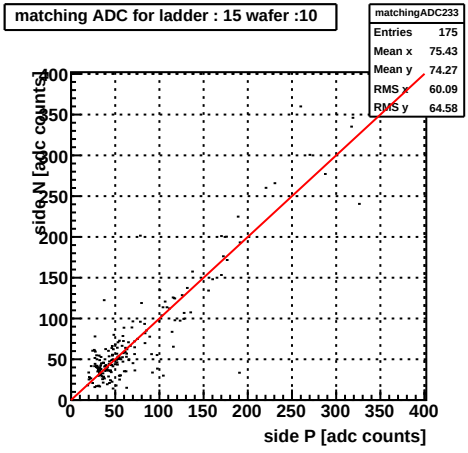

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 74
Mean x 76.38
Mean y 77.05
RMS x 49.73
RMS y 52.82
side N [adc counts]
side P [adc counts]

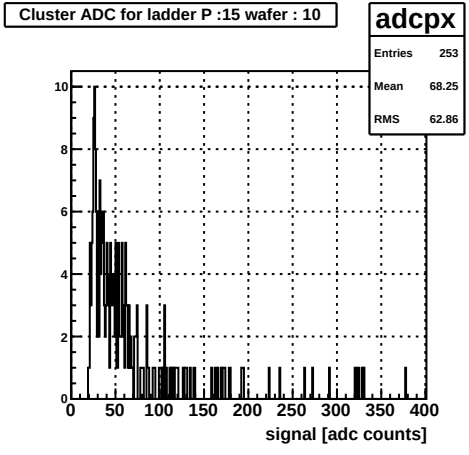

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 202
Mean 54.64
RMS 49.57
signal [adc counts]

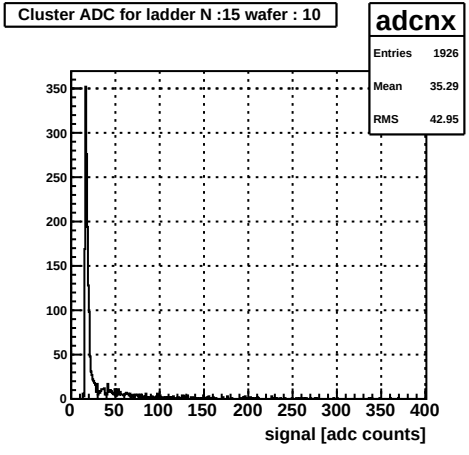

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 6106
Mean 27.6
RMS 27.49
signal [adc counts]

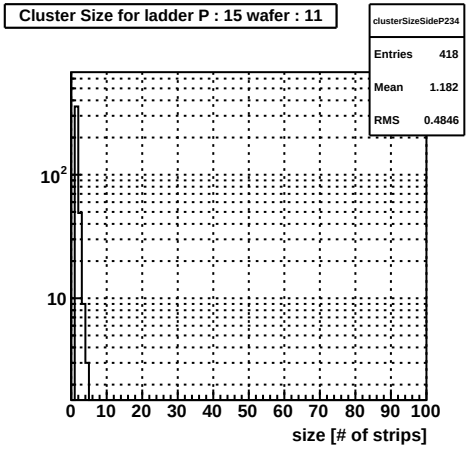

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 253
Mean 1.213
RMS 0.5278
size [# of strips]

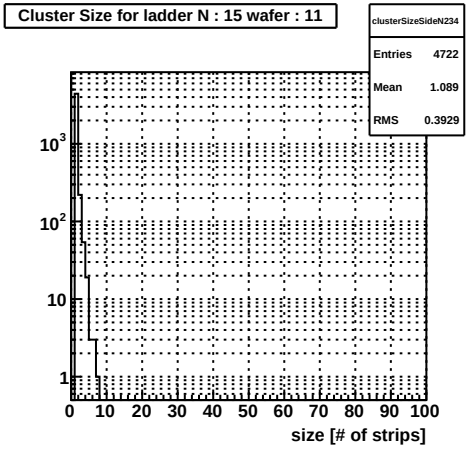

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1926
Mean 1.185
RMS 0.5374
size [# of strips]

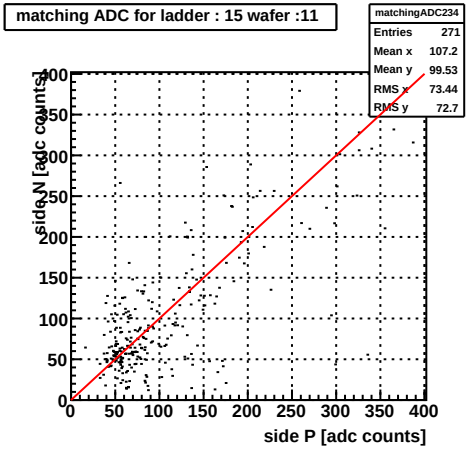

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 175
Mean x 75.43
Mean y 74.27
RMS x 60.09
RMS y 64.58
side N [adc counts]
side P [adc counts]

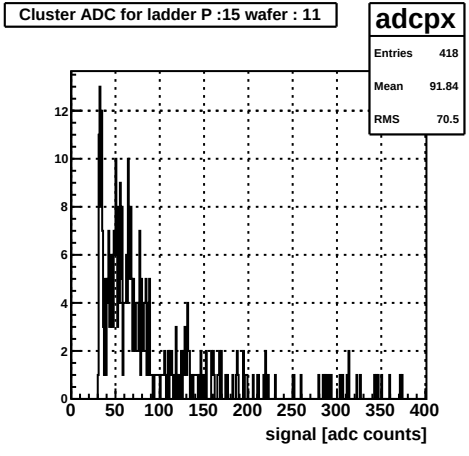

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 253
Mean 68.25
RMS 62.86
signal [adc counts]

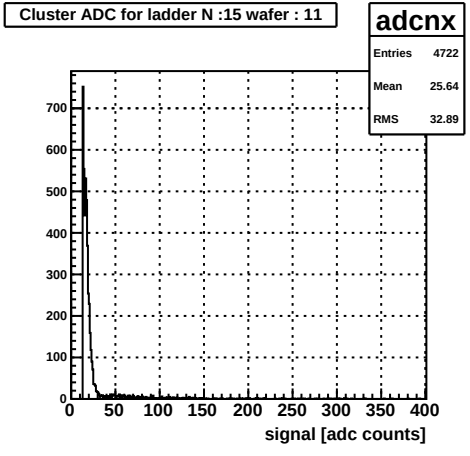

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1926
Mean 35.29
RMS 42.95
signal [adc counts]

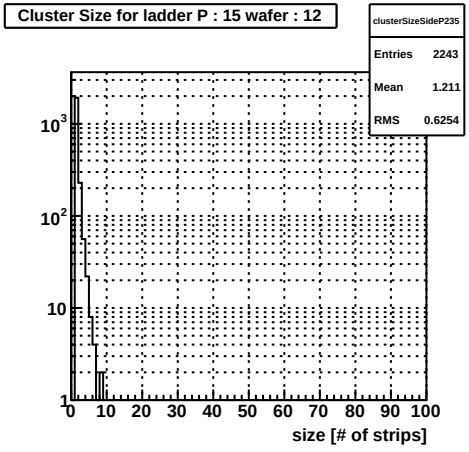

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 418
Mean 1.182
RMS 0.4846
size [# of strips]

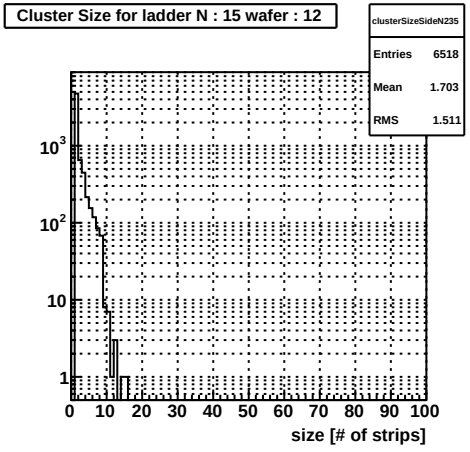

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4722
Mean 1.089
RMS 0.3929
size [# of strips]

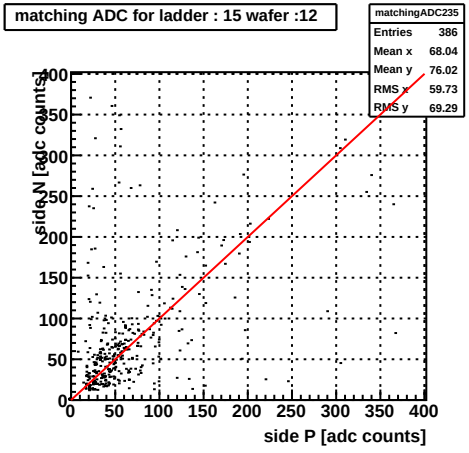

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 271
Mean x 107.2
Mean y 99.53
RMS x 73.44
RMS y 72.7
side N [adc counts]
side P [adc counts]

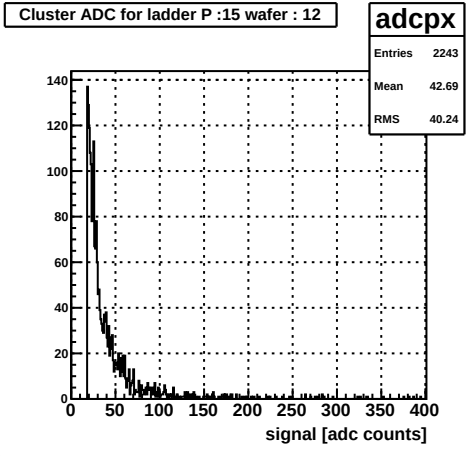

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 418
Mean 91.84
RMS 70.5
signal [adc counts]

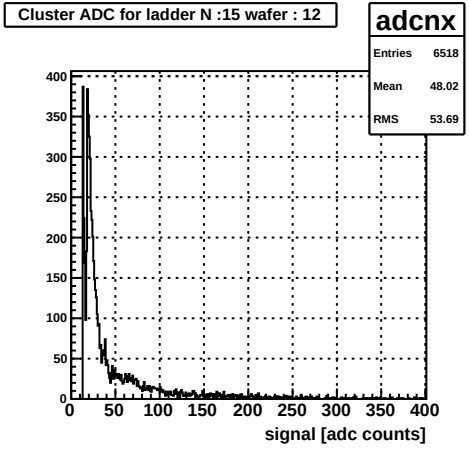

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4722
Mean 25.64
RMS 32.89
signal [adc counts]

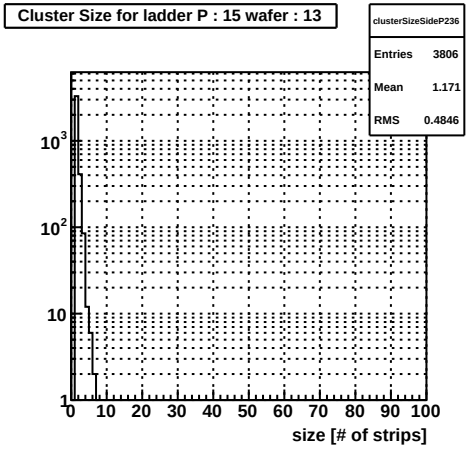

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2243
Mean 1.211
RMS 0.6254
size [# of strips]

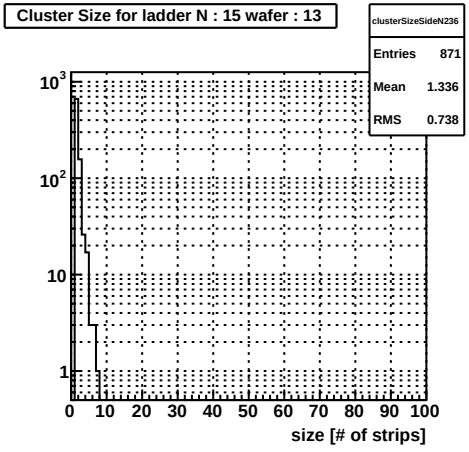

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 6518
Mean 1.703
RMS 1.511
size [# of strips]

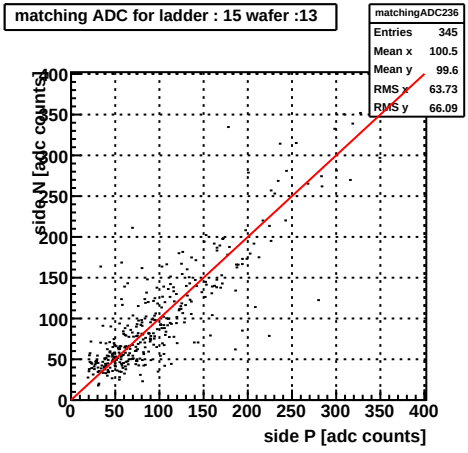

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 386
Mean x 68.04
Mean y 76.02
RMS x 59.73
RMS y 69.29
side N [adc counts]
side P [adc counts]

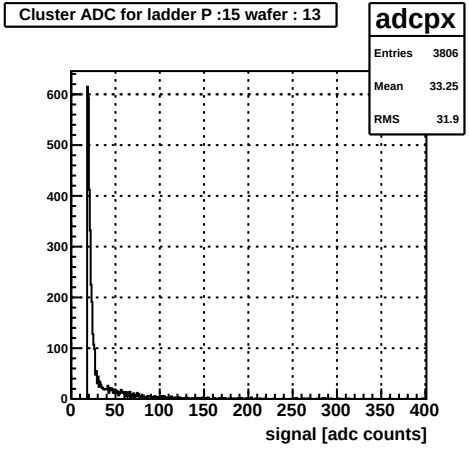

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2243
Mean 42.69
RMS 40.24
signal [adc counts]

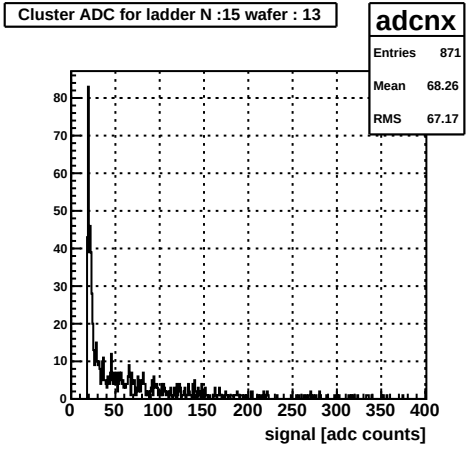

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 6518
Mean 48.02
RMS 53.69
signal [adc counts]

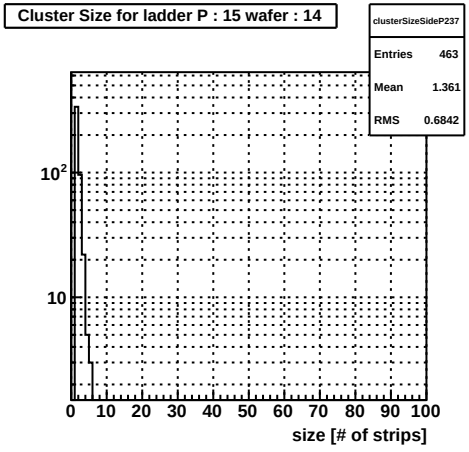

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 3806
Mean 1.171
RMS 0.4846
size [# of strips]

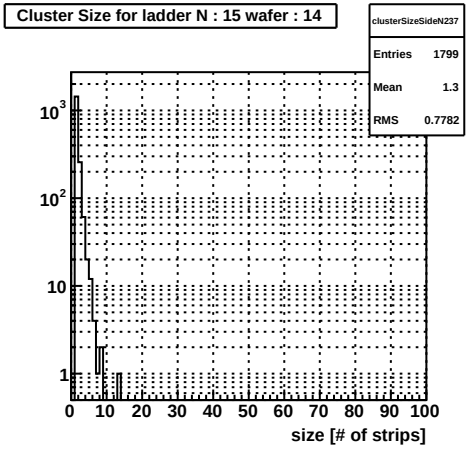

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 871
Mean 1.336
RMS 0.738
size [# of strips]

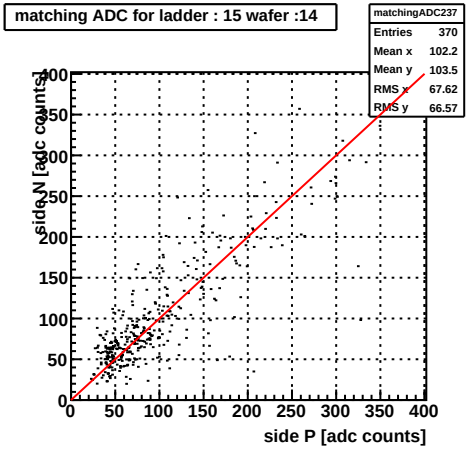

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 345
Mean x 100.5
Mean y 99.6
RMS x 63.73
RMS y 66.09
side N [adc counts]
side P [adc counts]

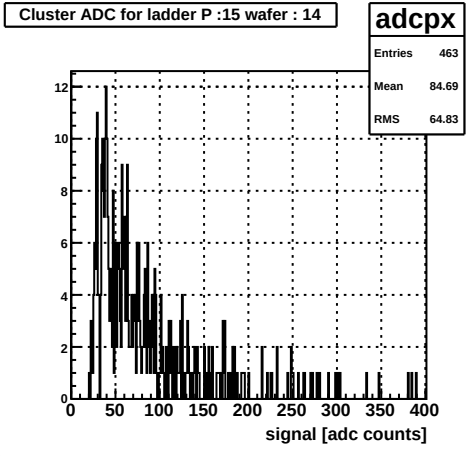

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 3806
Mean 33.25
RMS 31.9
signal [adc counts]

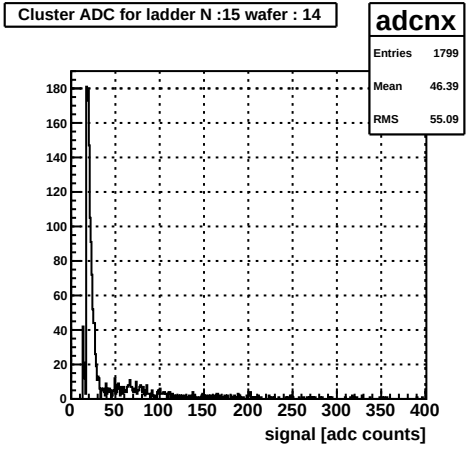

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 871
Mean 68.26
RMS 67.17
signal [adc counts]

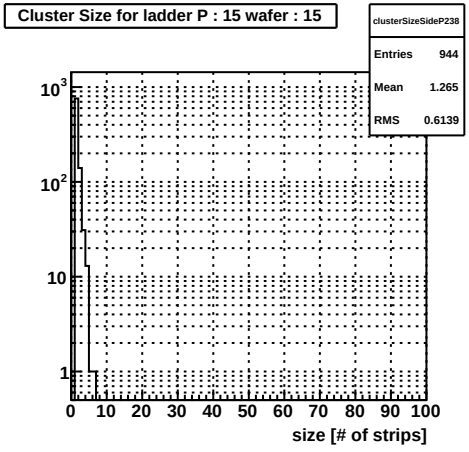

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 463
Mean 1.361
RMS 0.6842
size [# of strips]

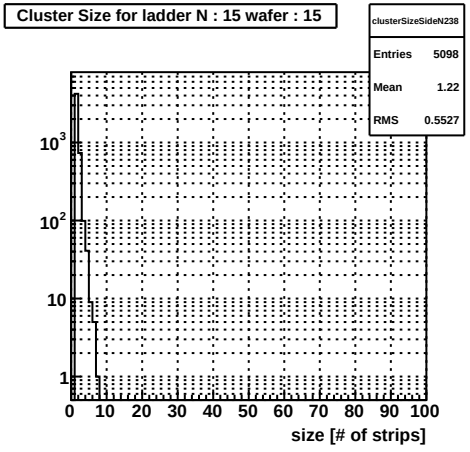

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1799
Mean 1.3
RMS 0.7782
size [# of strips]

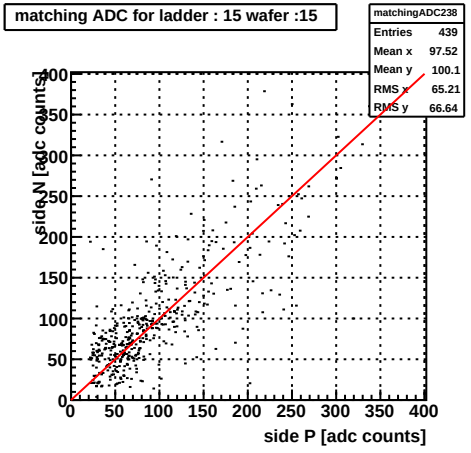

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 370
Mean x 102.2
Mean y 103.5
RMS x 67.62
RMS y 66.57
side N [adc counts]
side P [adc counts]

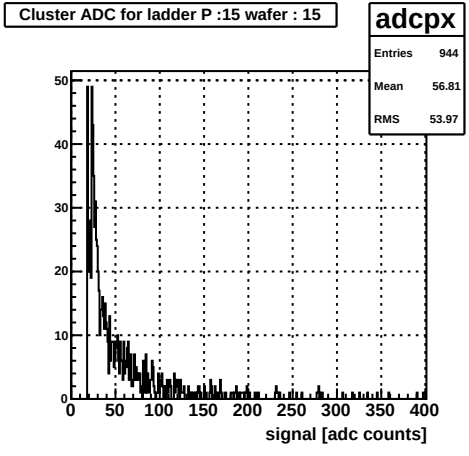

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 463
Mean 84.69
RMS 64.83
signal [adc counts]

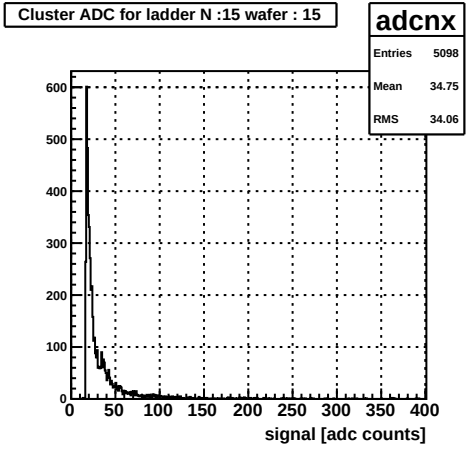

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1799
Mean 46.39
RMS 55.09
signal [adc counts]

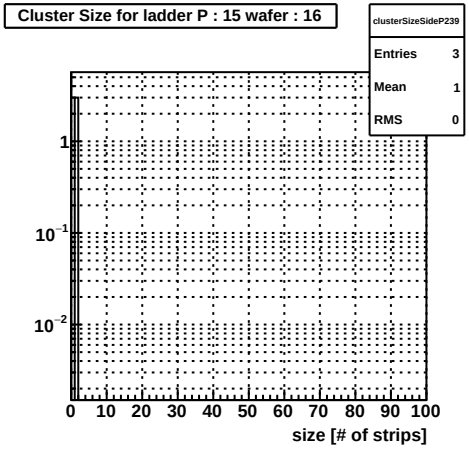

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 944
Mean 1.265
RMS 0.6139
size [# of strips]

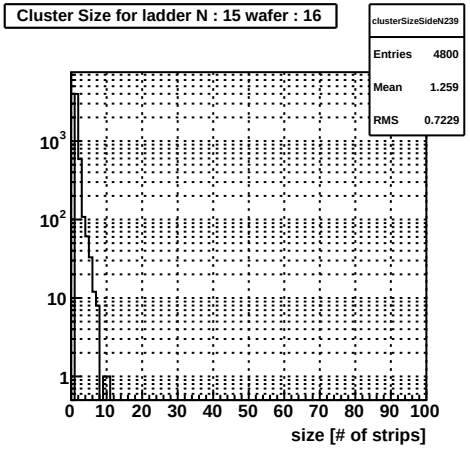

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5098
Mean 1.22
RMS 0.5527
size [# of strips]

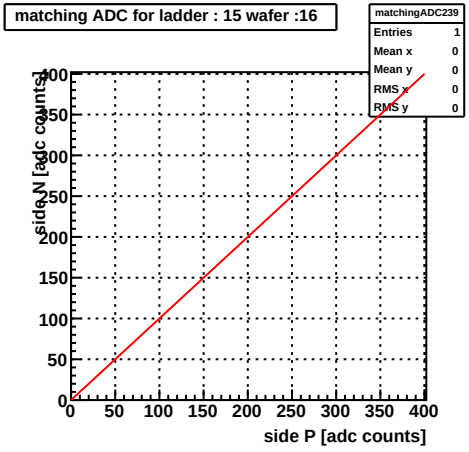

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 439
Mean x 97.52
Mean y 100.1
RMS x 65.21
RMS y 66.64
side N [adc counts]
side P [adc counts]

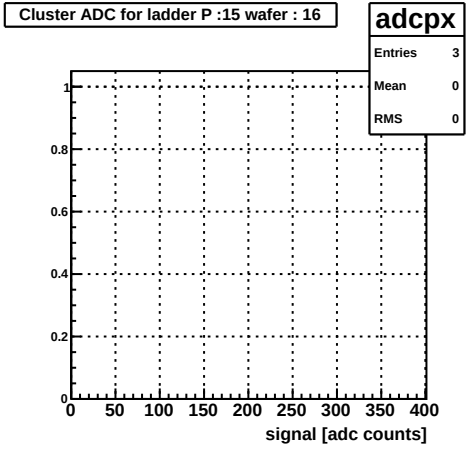

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 944
Mean 56.81
RMS 53.97
signal [adc counts]

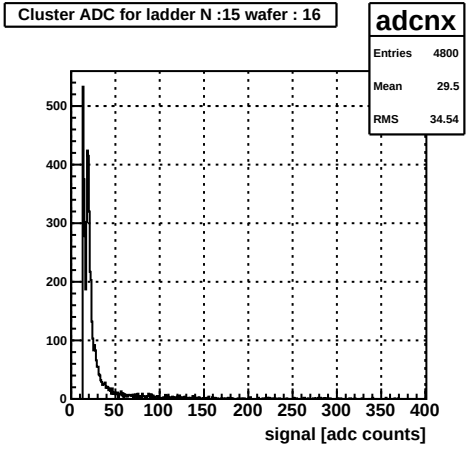

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5098
Mean 34.75
RMS 34.06
signal [adc counts]

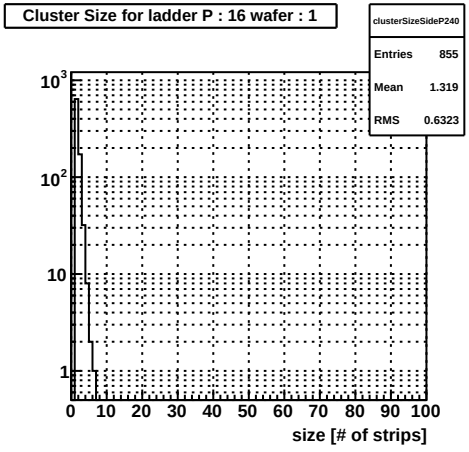

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

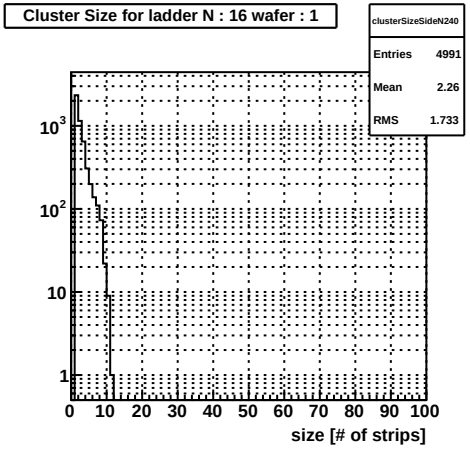

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 4800
Mean 1.259
RMS 0.7229
size [# of strips]

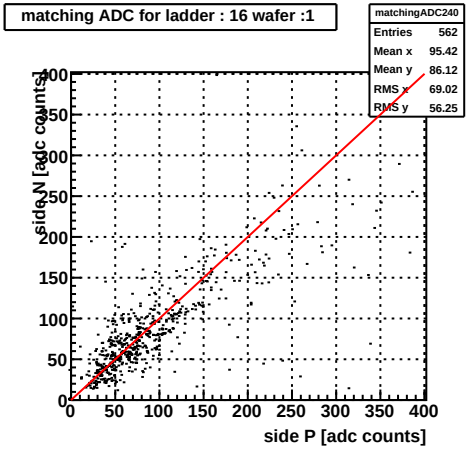

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

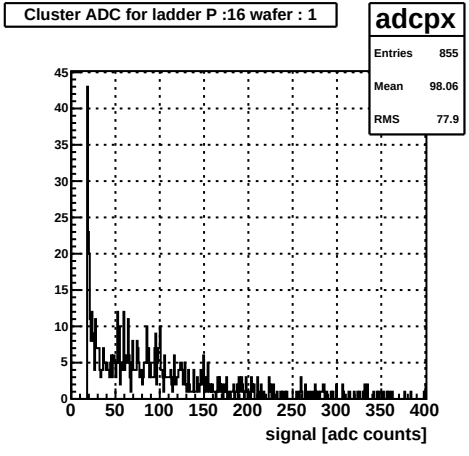

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

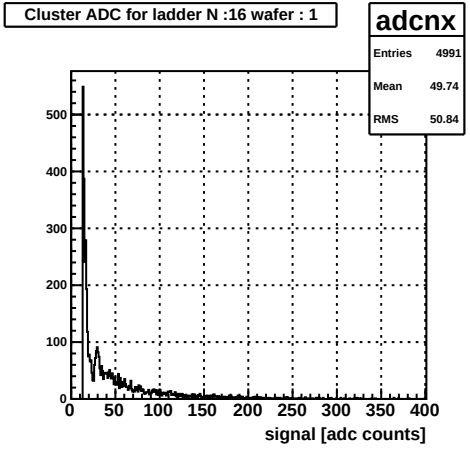

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 4800
Mean 29.5
RMS 34.54
signal [adc counts]

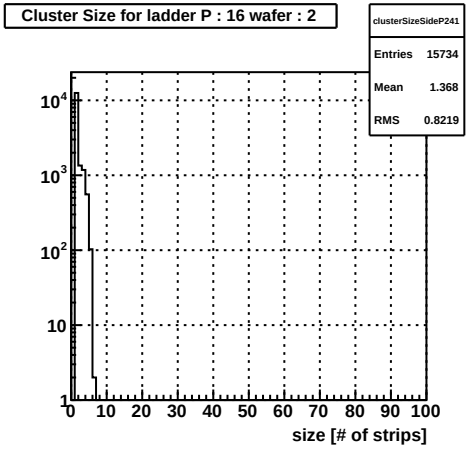

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 855
Mean 1.319
RMS 0.6323
size [# of strips]

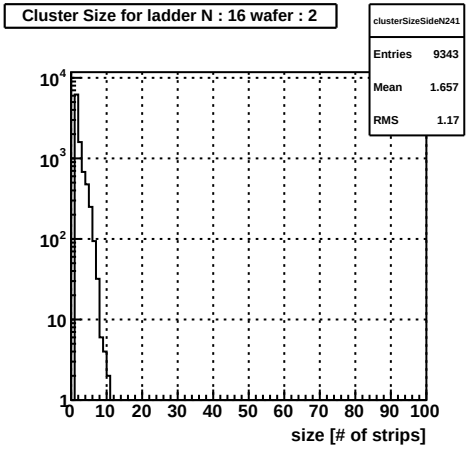

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4991
Mean 2.26
RMS 1.733
size [# of strips]

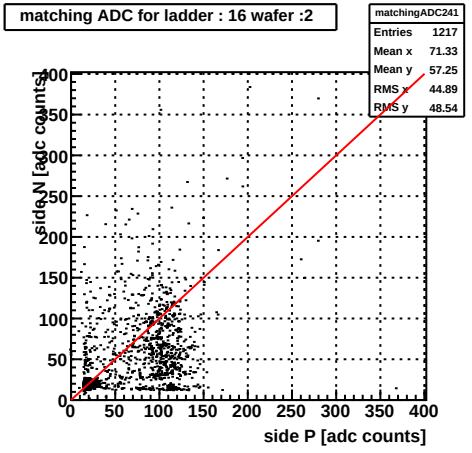

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 562
Mean x 95.42
Mean y 86.12
RMS x 69.02
RMS y 56.25
side N [adc counts]
side P [adc counts]

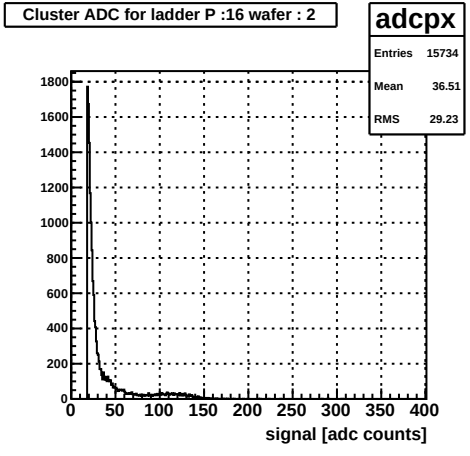

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 855
Mean 98.06
RMS 77.9
signal [adc counts]

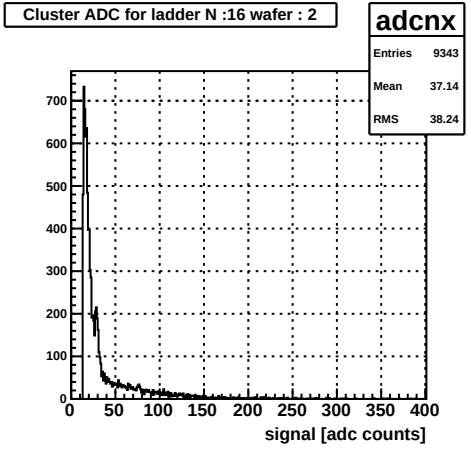

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4991
Mean 49.74
RMS 50.84
signal [adc counts]

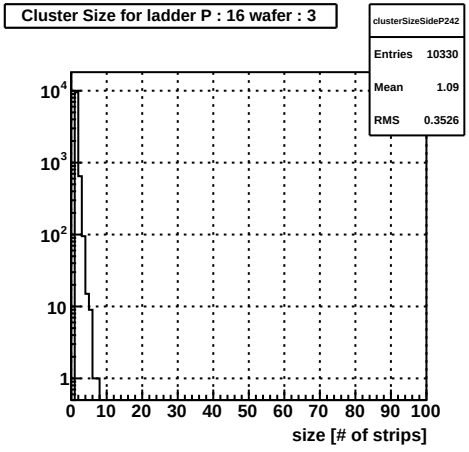

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 15734
Mean 1.368
RMS 0.8219
size [# of strips]

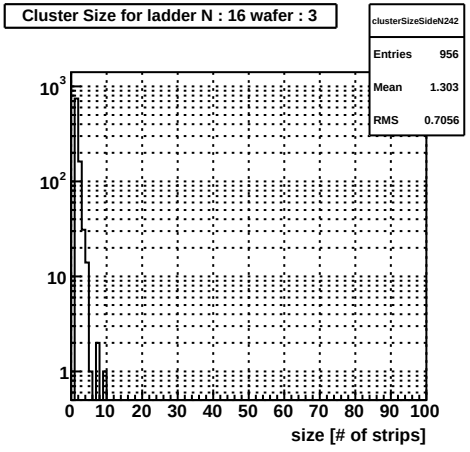

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 9343
Mean 1.657
RMS 1.17
size [# of strips]

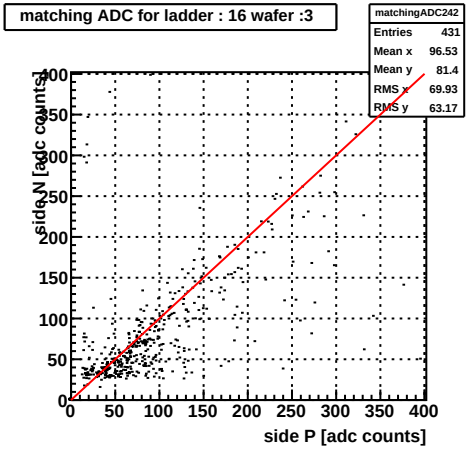

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1217
Mean x 71.33
Mean y 57.25
RMS x 44.89
RMS y 48.54
side N [adc counts]
side P [adc counts]

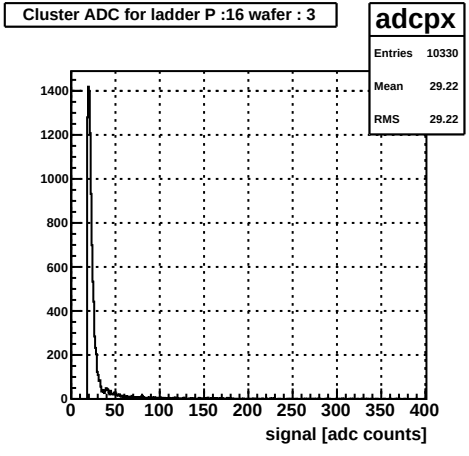

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 15734
Mean 36.51
RMS 29.23
signal [adc counts]

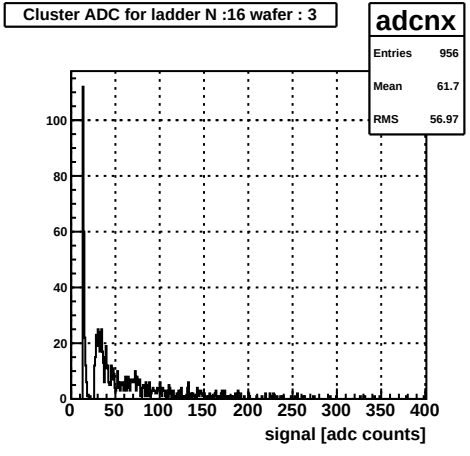

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 9343
Mean 37.14
RMS 38.24
signal [adc counts]

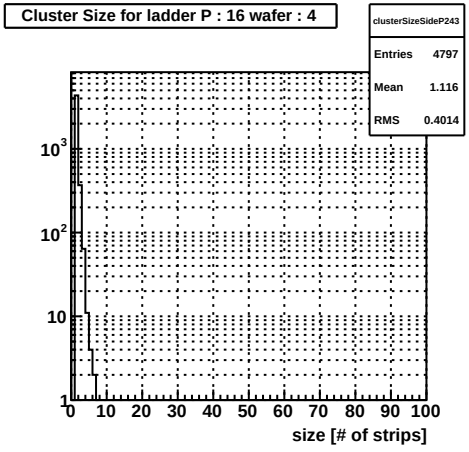

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10330
Mean 1.09
RMS 0.3526
size [# of strips]

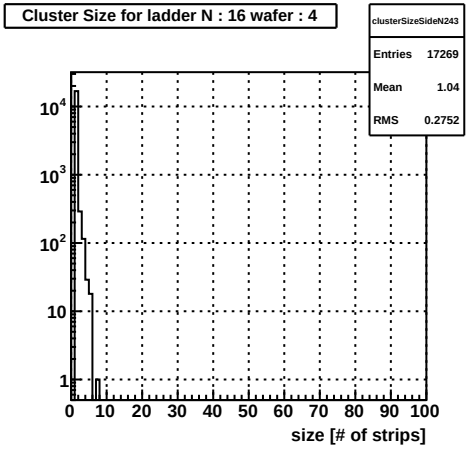

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 956
Mean 1.303
RMS 0.7056
size [# of strips]

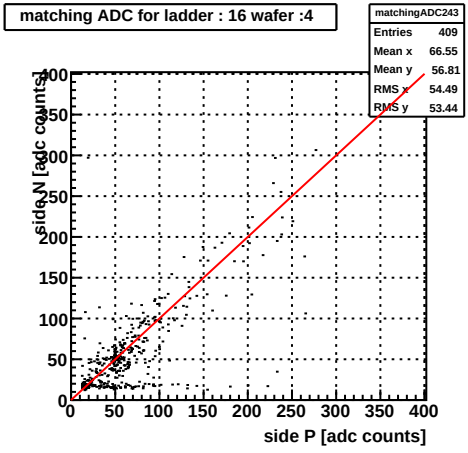

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 431
Mean x 96.53
Mean y 81.4
RMS x 69.93
RMS y 63.17
side N [adc counts]
side P [adc counts]

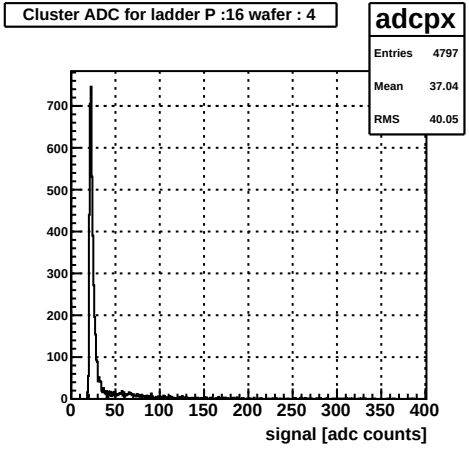

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10330
Mean 29.22
RMS 29.22
signal [adc counts]

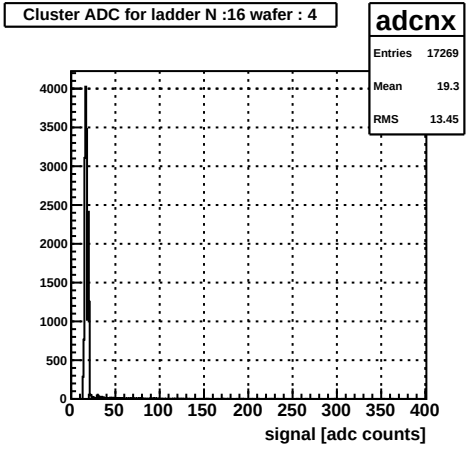

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 956
Mean 61.7
RMS 56.97
signal [adc counts]

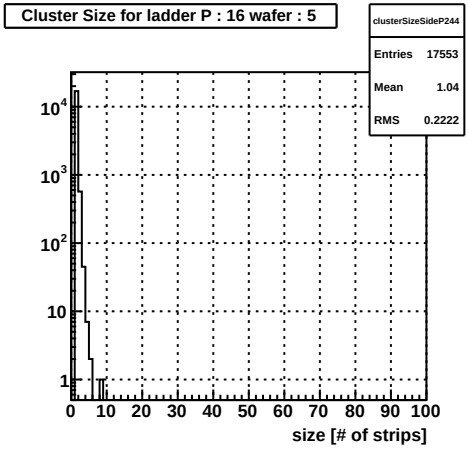

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 4797
Mean 1.116
RMS 0.4014
size [# of strips]

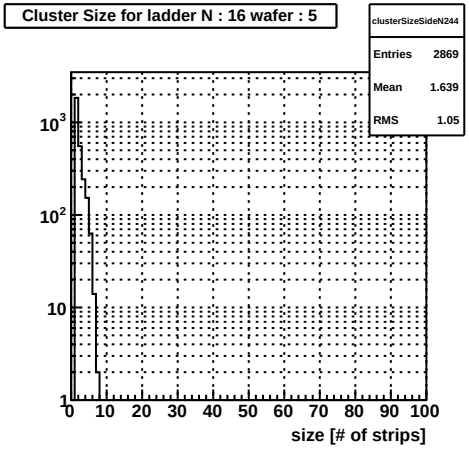

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 17269
Mean 1.04
RMS 0.2752
size [# of strips]

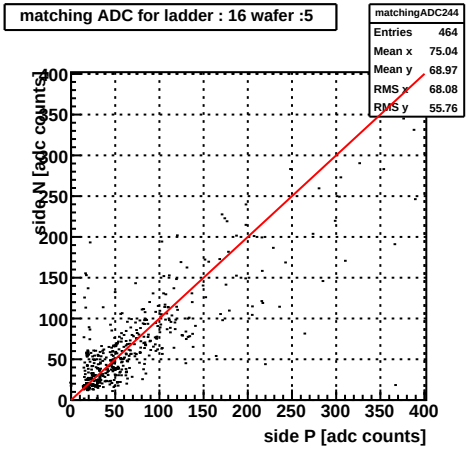

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 409
Mean x 66.55
Mean y 56.81
RMS x 54.49
RMS y 53.44
side N [adc counts]
side P [adc counts]

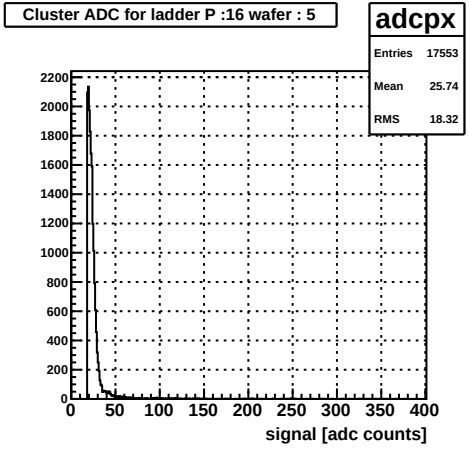

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 4797
Mean 37.04
RMS 40.05
signal [adc counts]

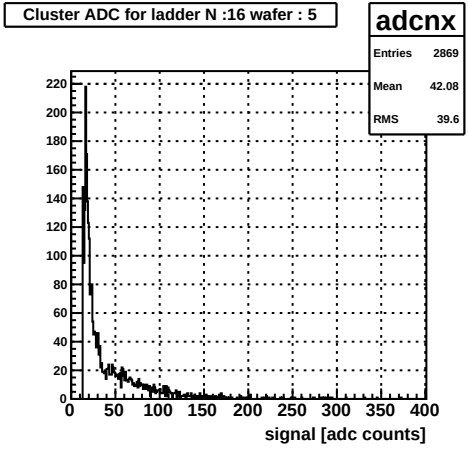

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 17269
Mean 19.3
RMS 13.45
signal [adc counts]

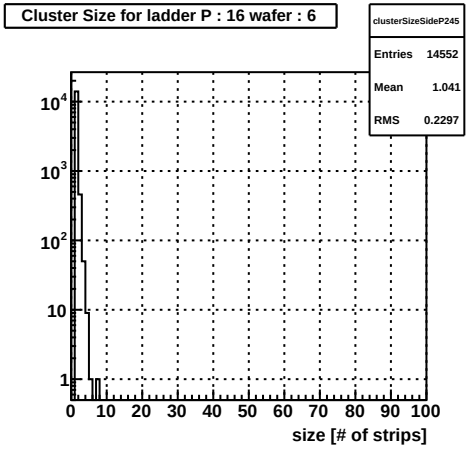

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 17553
Mean 1.04
RMS 0.2222
size [# of strips]

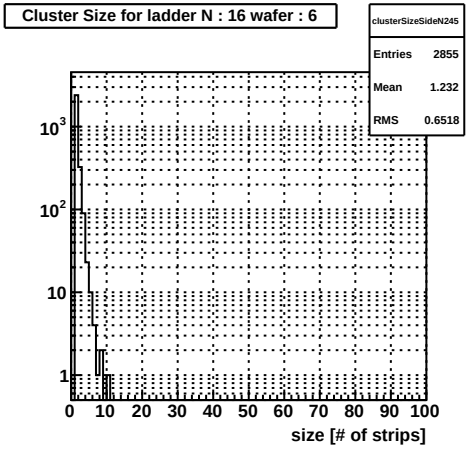

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2869
Mean 1.639
RMS 1.05
size [# of strips]

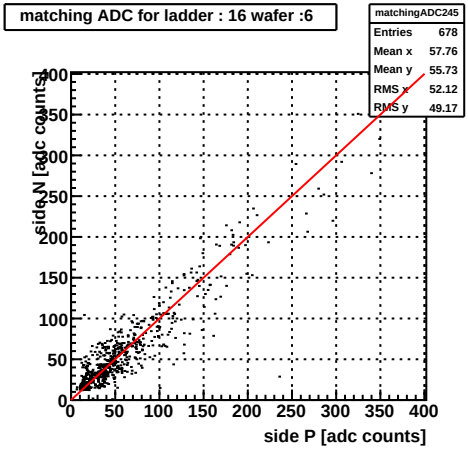

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 464
Mean x 75.04
Mean y 68.97
RMS x 68.08
RMS y 55.76
side N [adc counts]
side P [adc counts]

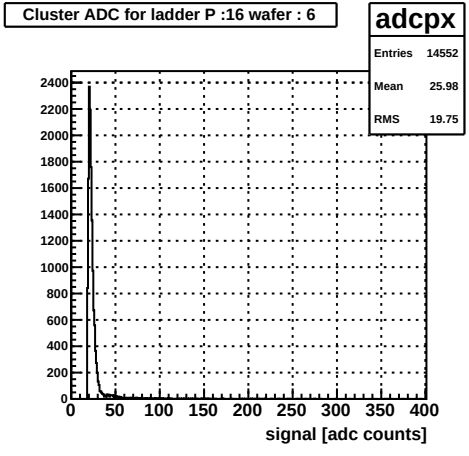

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 17553
Mean 25.74
RMS 18.32
signal [adc counts]

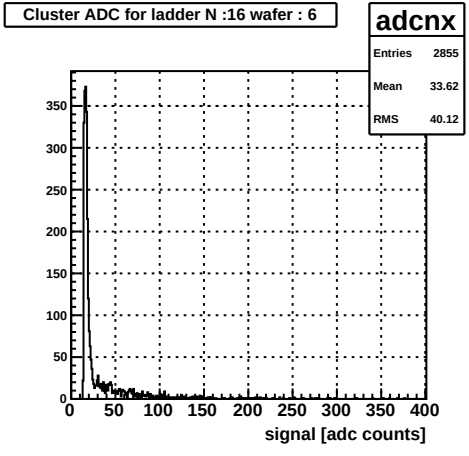

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2869
Mean 42.08
RMS 39.6
signal [adc counts]

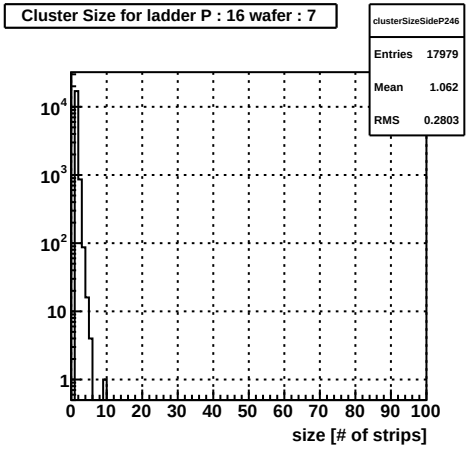

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 14552
Mean 1.041
RMS 0.2297
size [# of strips]

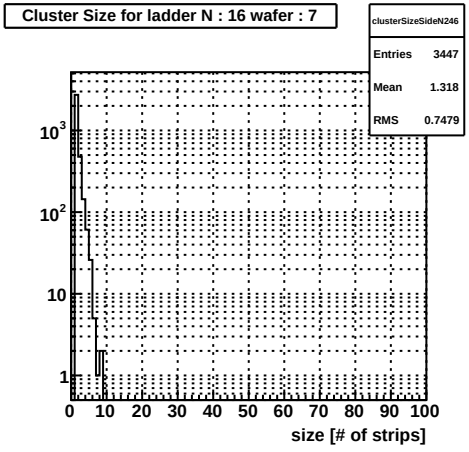

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2855
Mean 1.232
RMS 0.6518
size [# of strips]

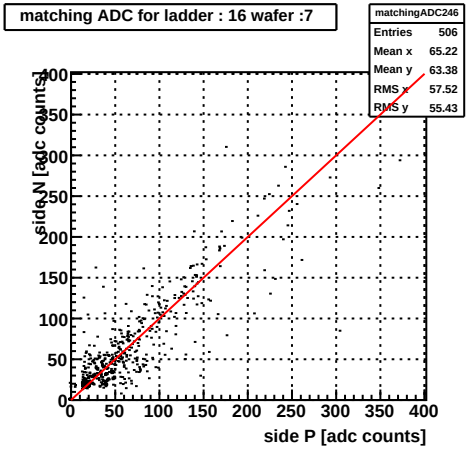

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 678
Mean x 57.76
Mean y 55.73
RMS x 52.12
RMS y 49.17
side N [adc counts]
side P [adc counts]

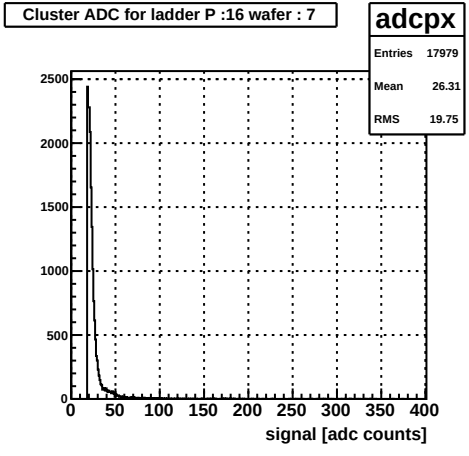

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 14552
Mean 25.98
RMS 19.75
signal [adc counts]

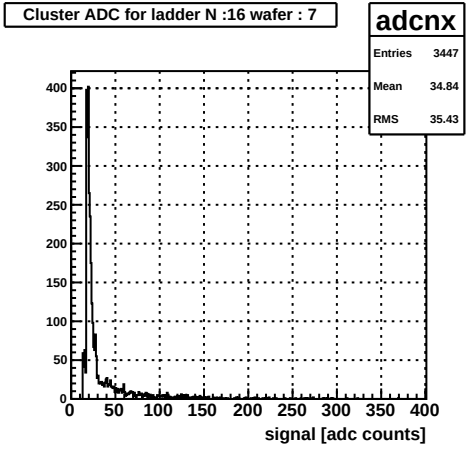

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2855
Mean 33.62
RMS 40.12
signal [adc counts]

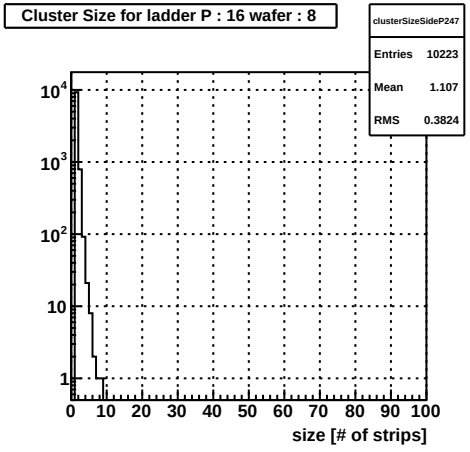

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 17979
Mean 1.062
RMS 0.2803
size [# of strips]

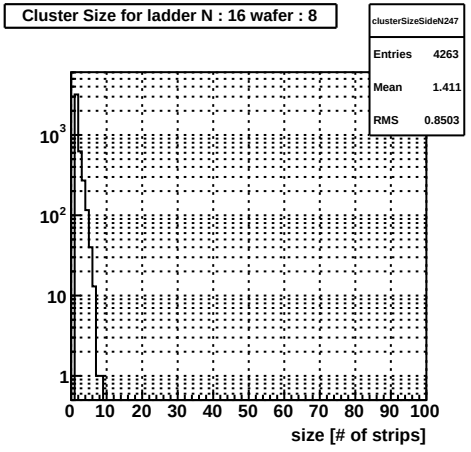

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3447
Mean 1.318
RMS 0.7479
size [# of strips]

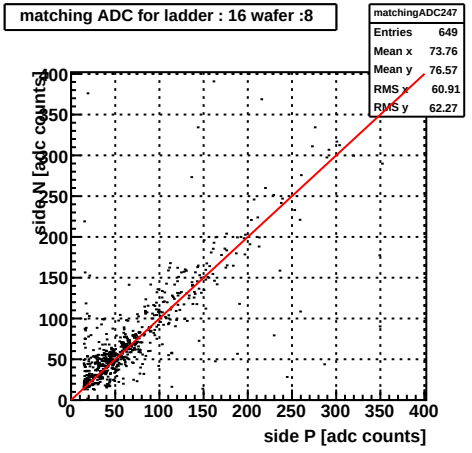

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 506
Mean x 65.22
Mean y 63.38
RMS x 57.52
RMS y 55.43
side N [adc counts]
side P [adc counts]

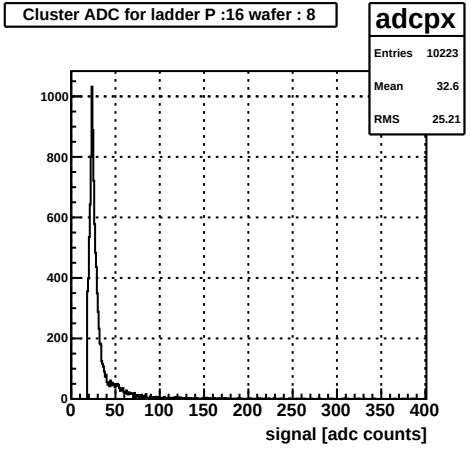

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 17979
Mean 26.31
RMS 19.75
signal [adc counts]

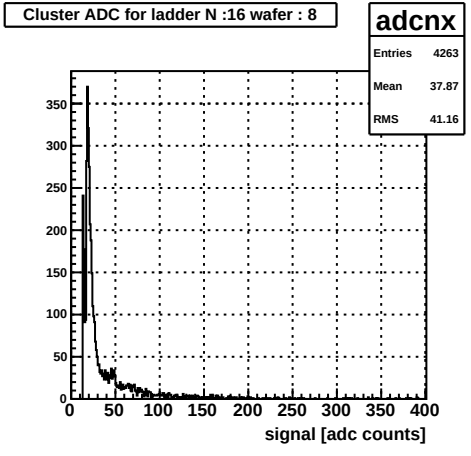

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3447
Mean 34.84
RMS 35.43
signal [adc counts]

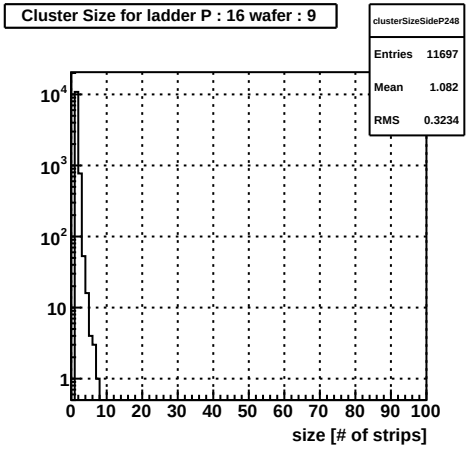

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10223
Mean 1.107
RMS 0.3824
size [# of strips]

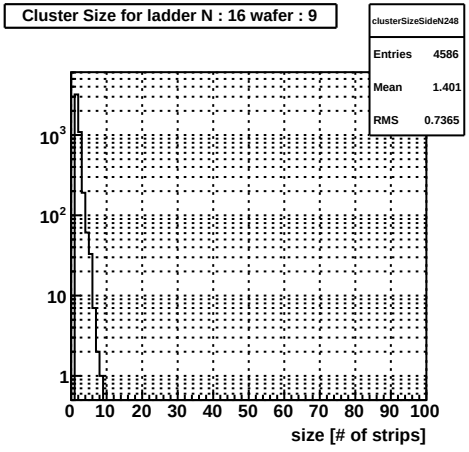

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4263
Mean 1.411
RMS 0.8503
size [# of strips]

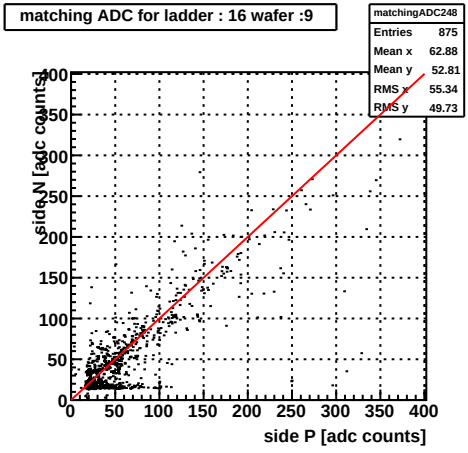

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 649
Mean x 73.76
Mean y 76.57
RMS x 60.91
RMS y 62.27
side N [adc counts]
side P [adc counts]

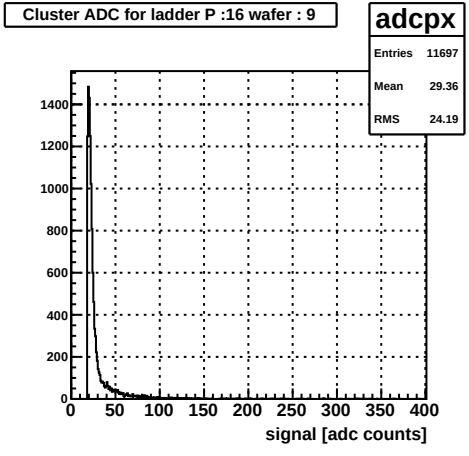

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10223
Mean 32.6
RMS 25.21
signal [adc counts]

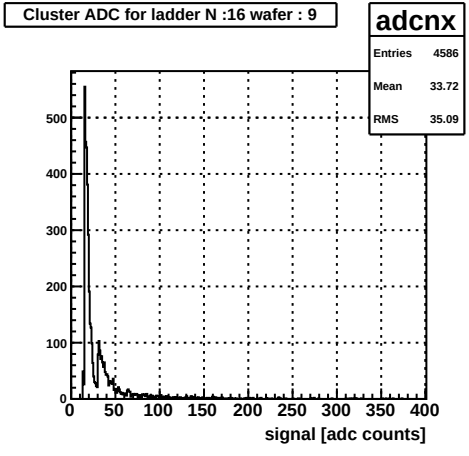

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4263
Mean 37.87
RMS 41.16
signal [adc counts]

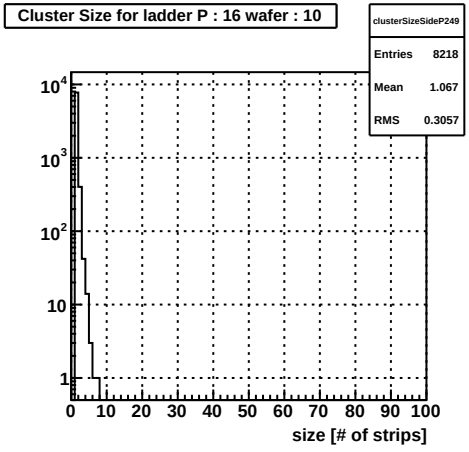

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 11697
Mean 1.082
RMS 0.3234
size [# of strips]

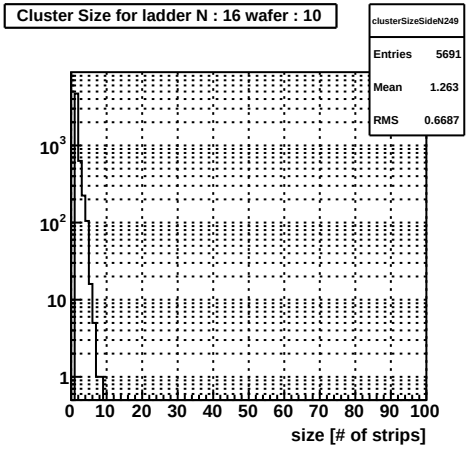

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4586
Mean 1.401
RMS 0.7365
size [# of strips]

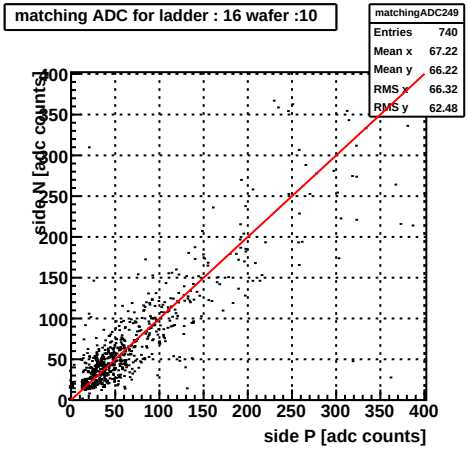

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 875
Mean x 62.88
Mean y 52.81
RMS x 55.34
RMS y 49.73
side N [adc counts]
side P [adc counts]

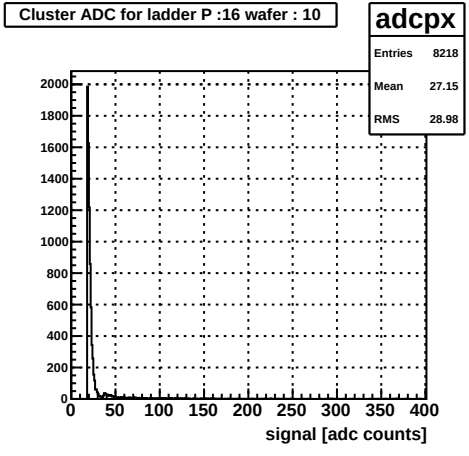

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 11697
Mean 29.36
RMS 24.19
signal [adc counts]

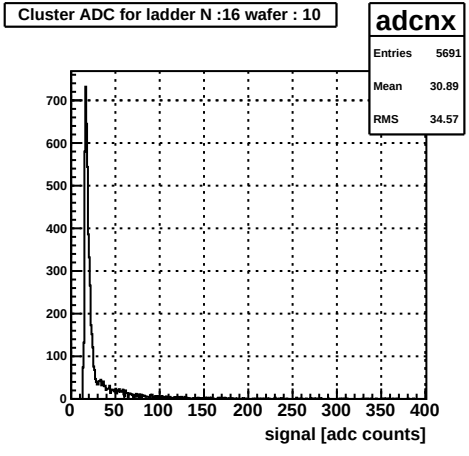

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4586
Mean 33.72
RMS 35.09
signal [adc counts]

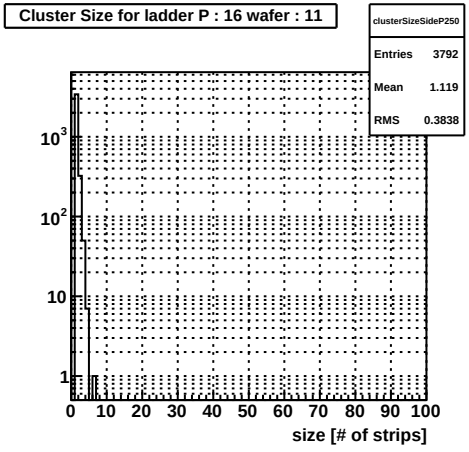

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 8218
Mean 1.067
RMS 0.3057
size [# of strips]

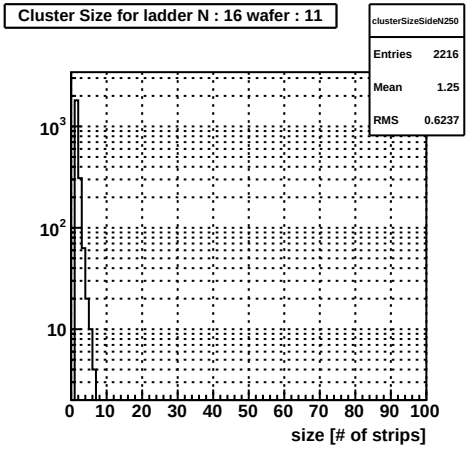

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5691
Mean 1.263
RMS 0.6687
size [# of strips]

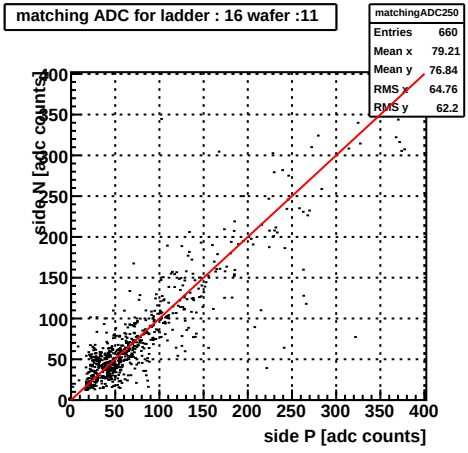

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 740
Mean x 67.22
Mean y 66.22
RMS x 66.32
RMS y 62.48
side N [adc counts]
side P [adc counts]

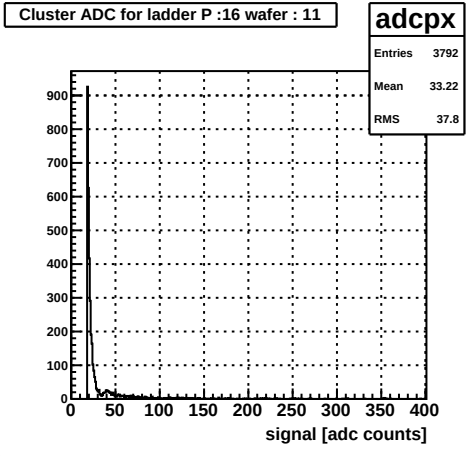

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 8218
Mean 27.15
RMS 28.98
signal [adc counts]

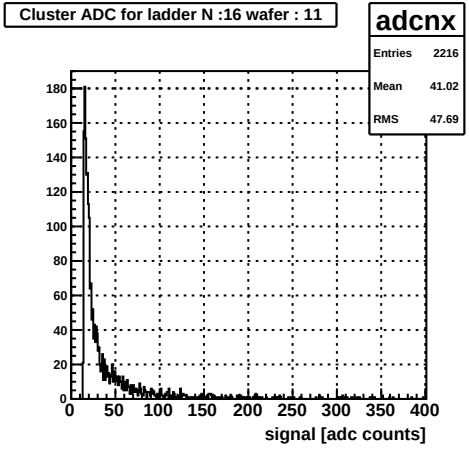

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5691
Mean 30.89
RMS 34.57
signal [adc counts]

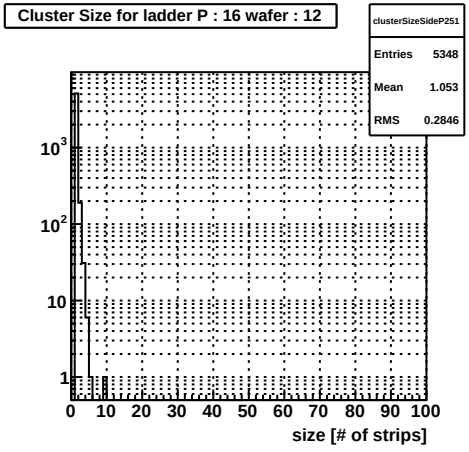

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 3792
Mean 1.119
RMS 0.3838
size [# of strips]

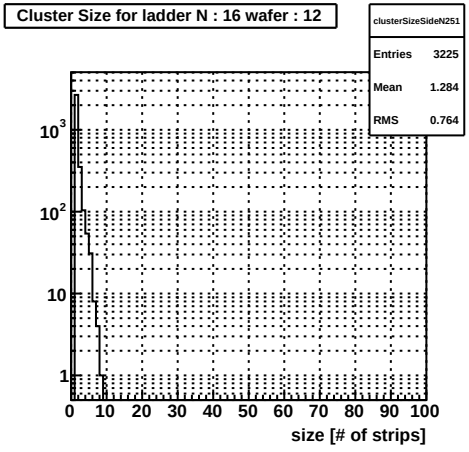

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2216
Mean 1.25
RMS 0.6237
size [# of strips]

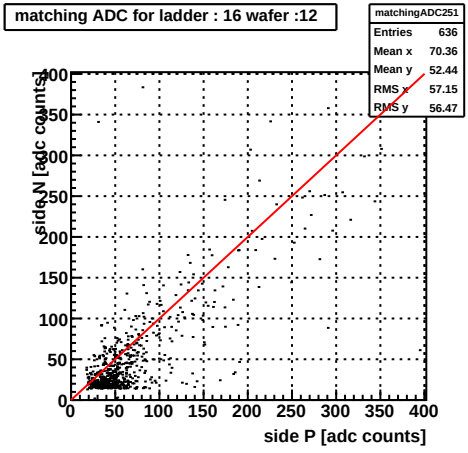

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 660
Mean x 79.21
Mean y 76.84
RMS x 64.76
RMS y 62.2
side N [adc counts]
side P [adc counts]

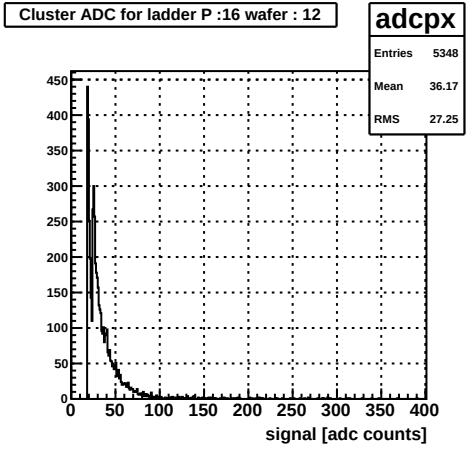

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 3792
Mean 33.22
RMS 37.8
signal [adc counts]

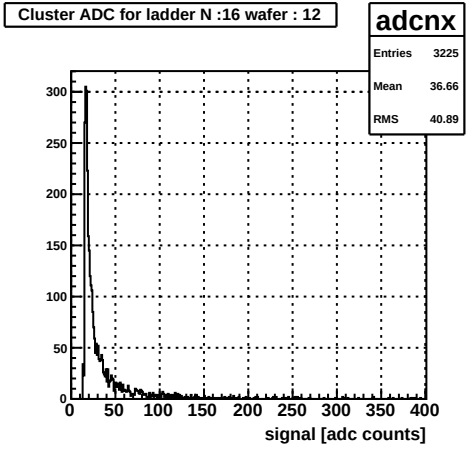

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2216
Mean 41.02
RMS 47.69
signal [adc counts]

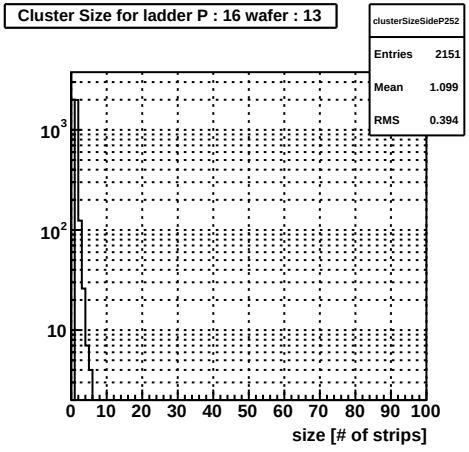

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 5348
Mean 1.053
RMS 0.2846
size [# of strips]

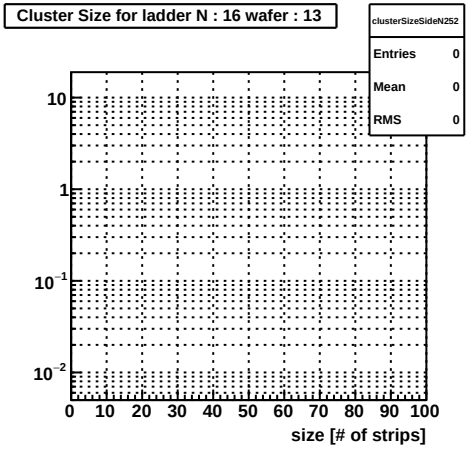

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3225
Mean 1.284
RMS 0.764
size [# of strips]

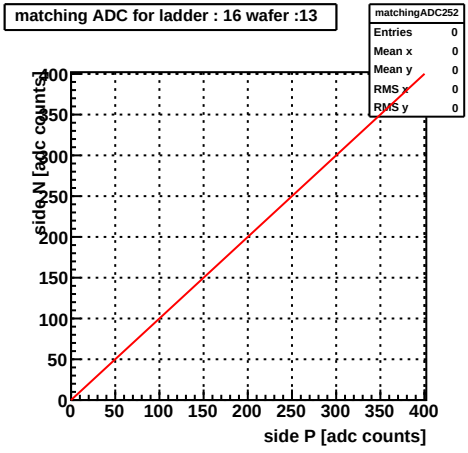

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 636
Mean x 70.36
Mean y 52.44
RMS x 57.15
RMS y 56.47
side N [adc counts]
side P [adc counts]

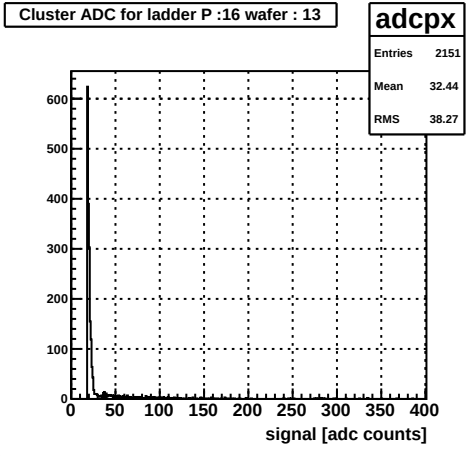

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 5348
Mean 36.17
RMS 27.25
signal [adc counts]

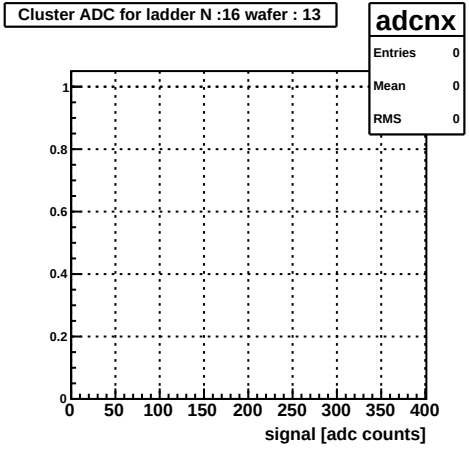

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3225
Mean 36.66
RMS 40.89
signal [adc counts]

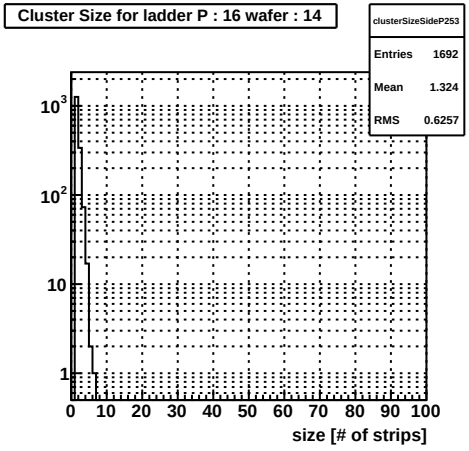

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2151
Mean 1.099
RMS 0.394
size [# of strips]

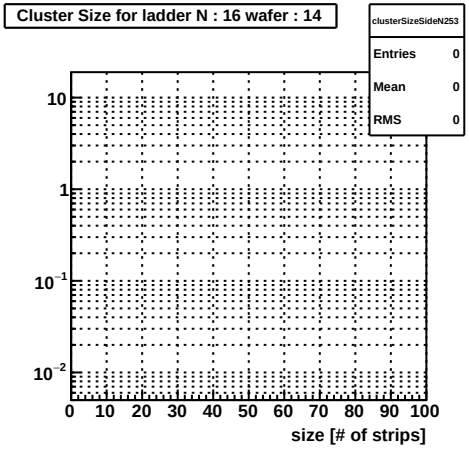

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

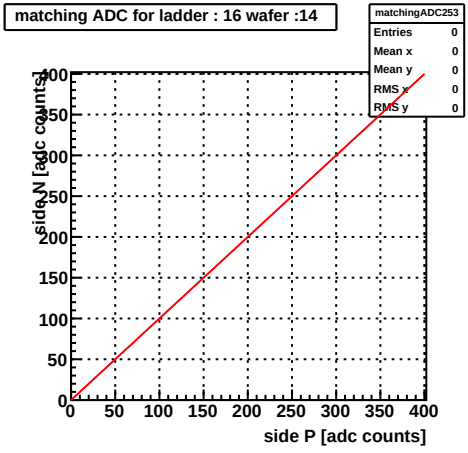

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

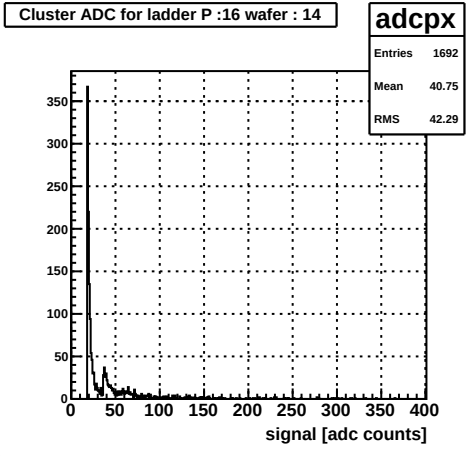

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2151
Mean 32.44
RMS 38.27
signal [adc counts]

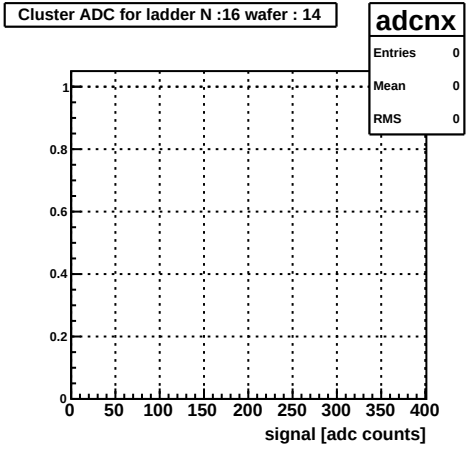

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

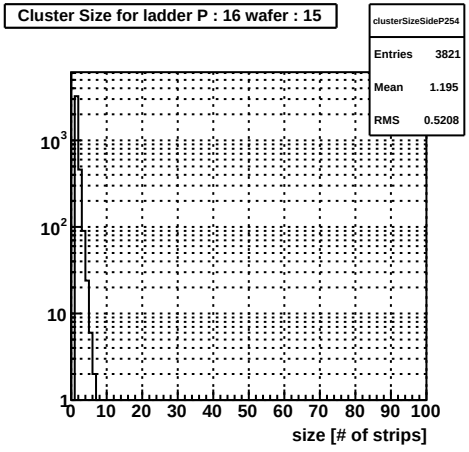

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1692
Mean 1.324
RMS 0.6257
size [# of strips]

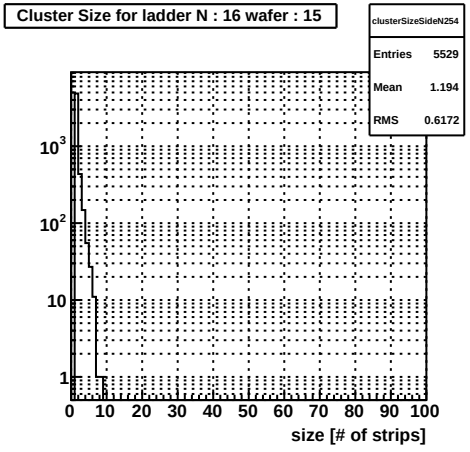

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

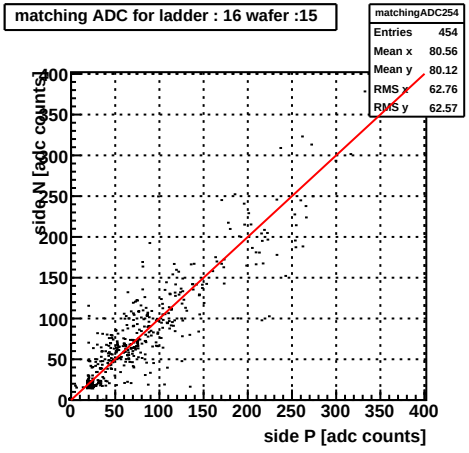

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

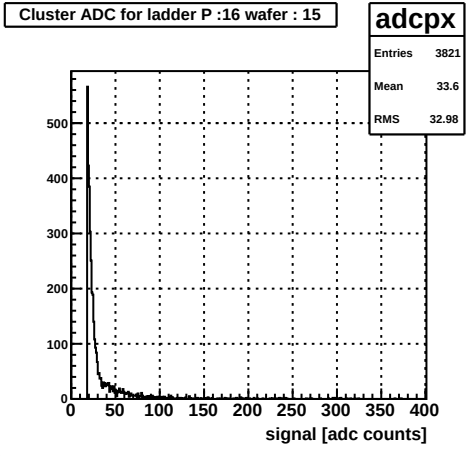

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1692
Mean 40.75
RMS 42.29
signal [adc counts]

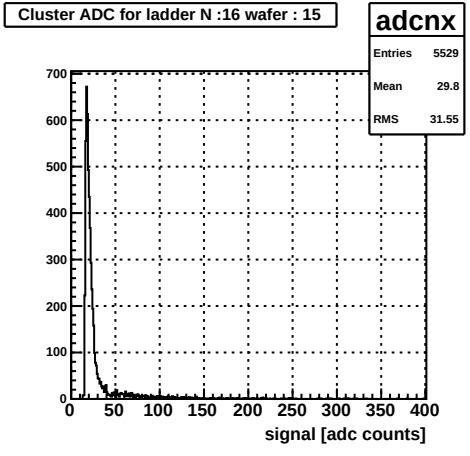

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

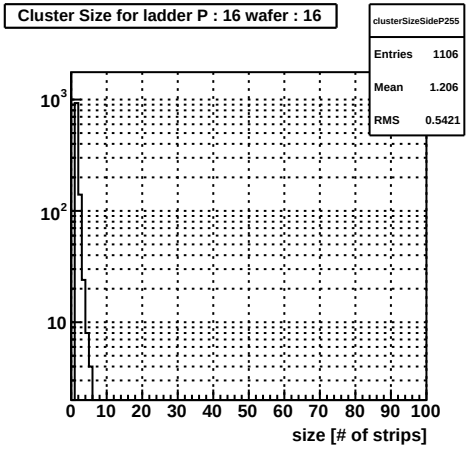

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3821
Mean 1.195
RMS 0.5208
size [# of strips]

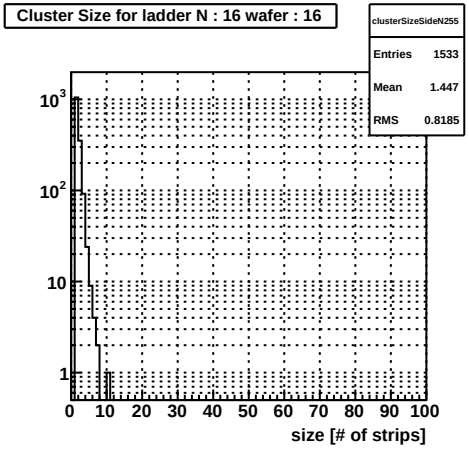

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 5529
Mean 1.194
RMS 0.6172
size [# of strips]

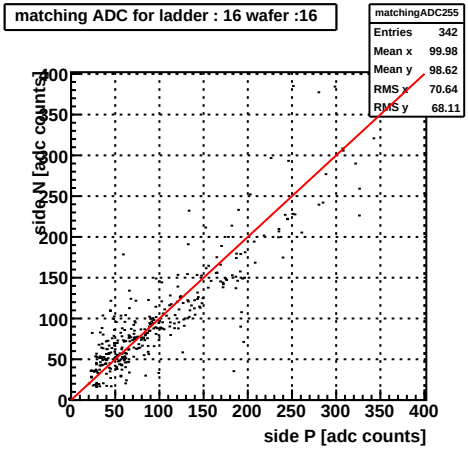

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 454
Mean x 80.56
Mean y 80.12
RMS x 62.76
RMS y 62.57
side N [adc counts]
side P [adc counts]

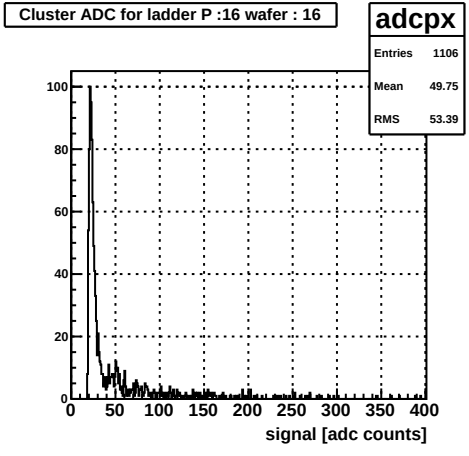

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3821
Mean 33.6
RMS 32.98
signal [adc counts]

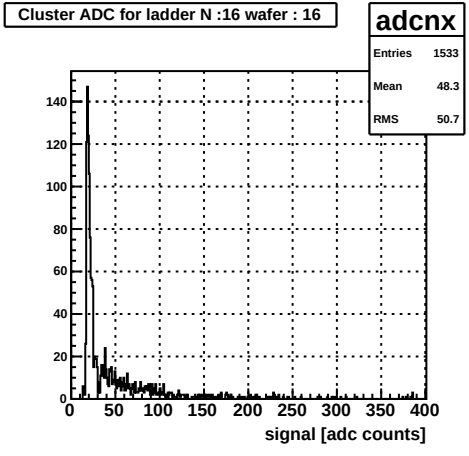

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 5529
Mean 29.8
RMS 31.55
signal [adc counts]

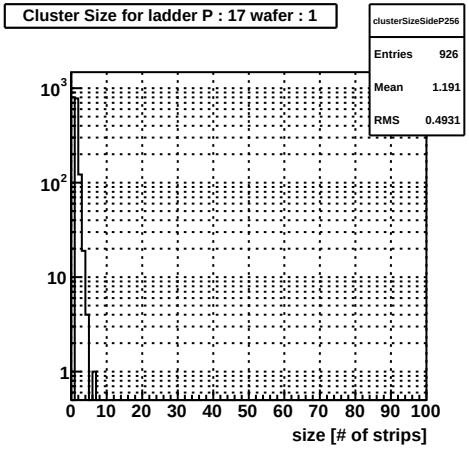

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1106
Mean 1.206
RMS 0.5421
size [# of strips]

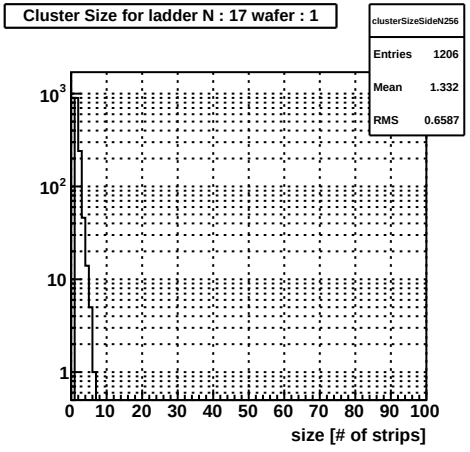

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1533
Mean 1.447
RMS 0.8185
size [# of strips]

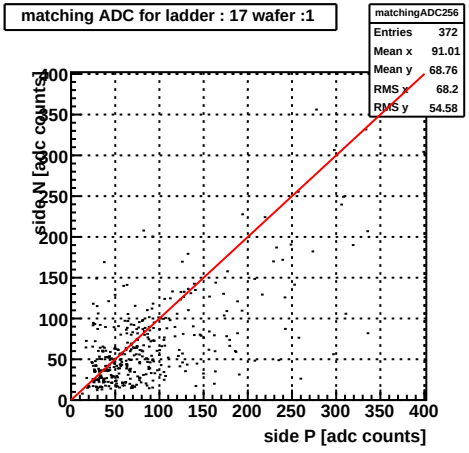

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 342
Mean x 99.98
Mean y 98.62
RMS x 70.64
RMS y 68.11
side N [adc counts]
side P [adc counts]

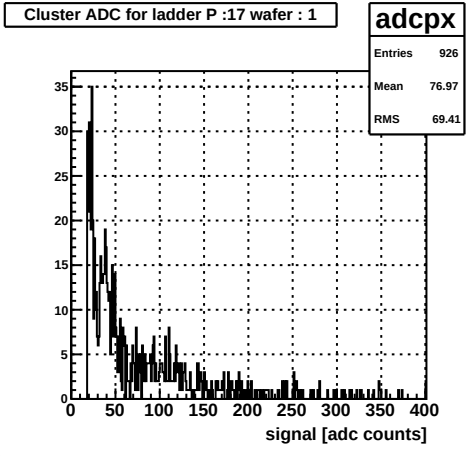

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1106
Mean 49.75
RMS 53.39
signal [adc counts]

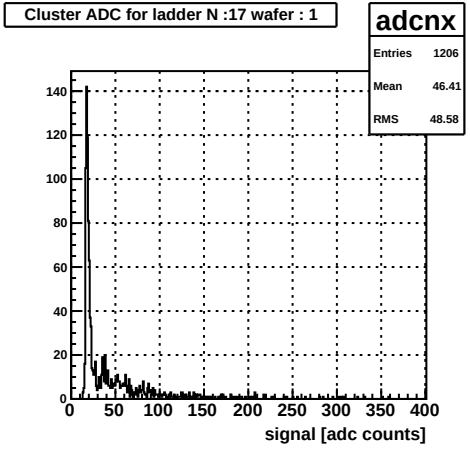

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1533
Mean 48.3
RMS 50.7
signal [adc counts]

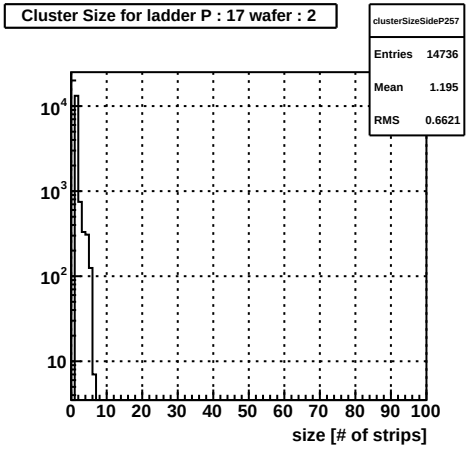

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 926
Mean 1.191
RMS 0.4931
size [# of strips]

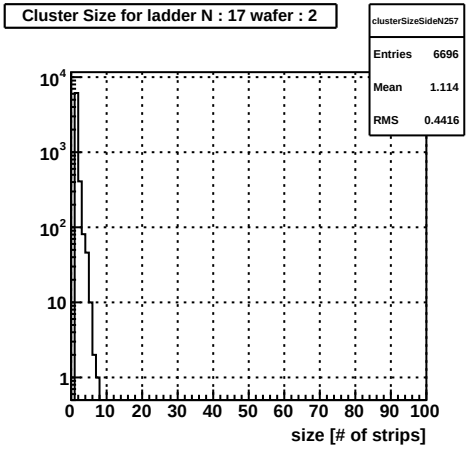

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1206
Mean 1.332
RMS 0.6587
size [# of strips]

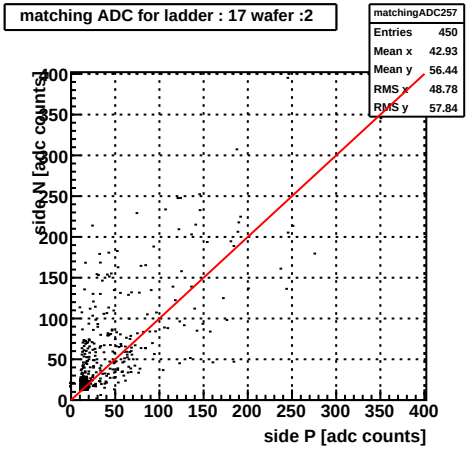

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 372
Mean x 91.01
Mean y 68.76
RMS x 68.2
RMS y 54.58
side N [adc counts]
side P [adc counts]

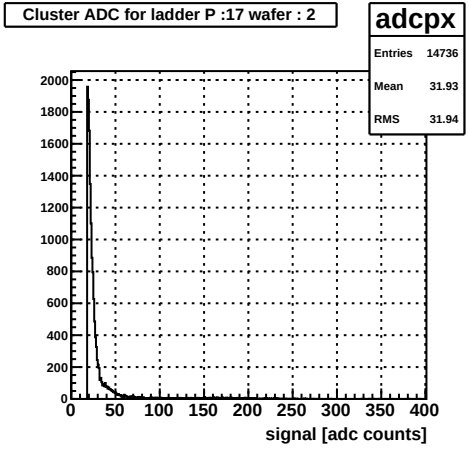

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 926
Mean 76.97
RMS 69.41
signal [adc counts]

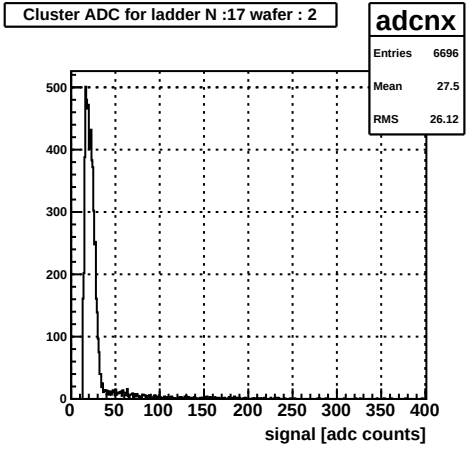

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1206
Mean 46.41
RMS 48.58
signal [adc counts]

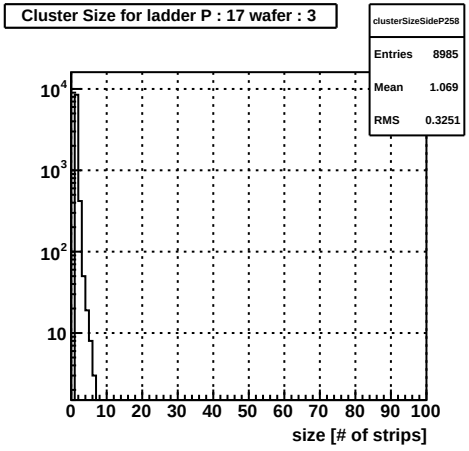

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 14736
Mean 1.195
RMS 0.6621
size [# of strips]

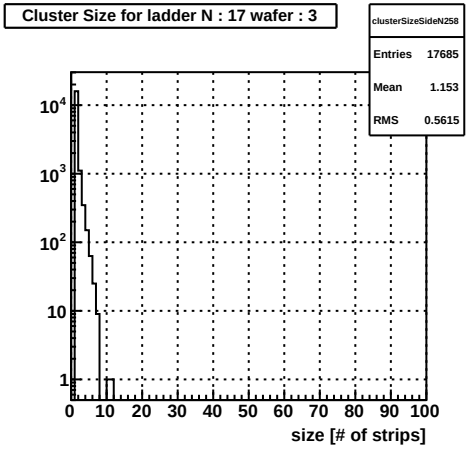

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 6696
Mean 1.114
RMS 0.4416
size [# of strips]

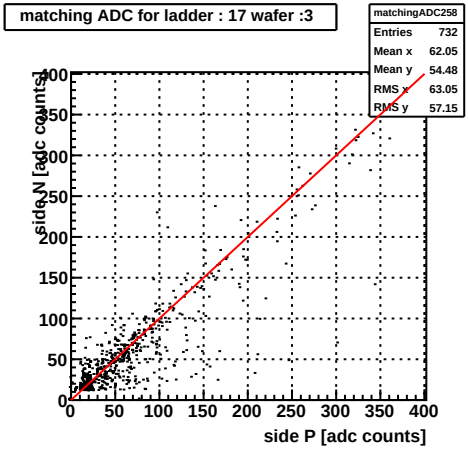

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 450
Mean x 42.93
Mean y 56.44
RMS x 48.78
RMS y 57.84
side N [adc counts]
side P [adc counts]

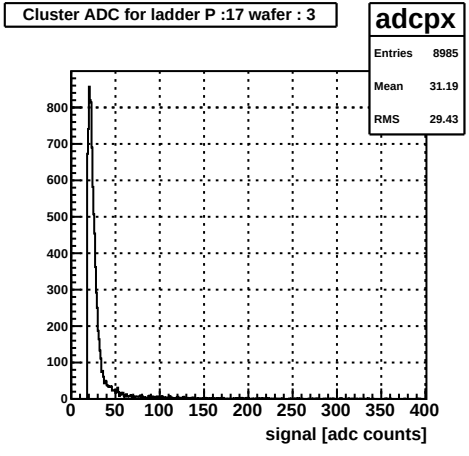

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 14736
Mean 31.93
RMS 31.94
signal [adc counts]

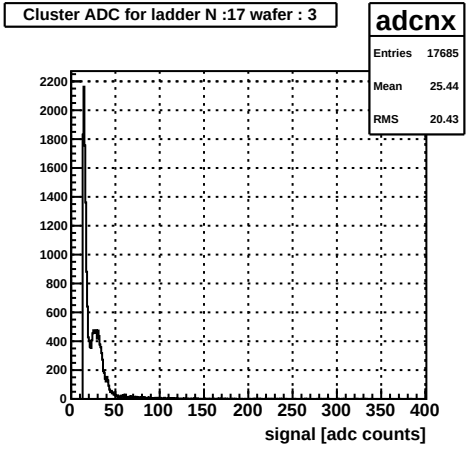

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 6696
Mean 27.5
RMS 26.12
signal [adc counts]

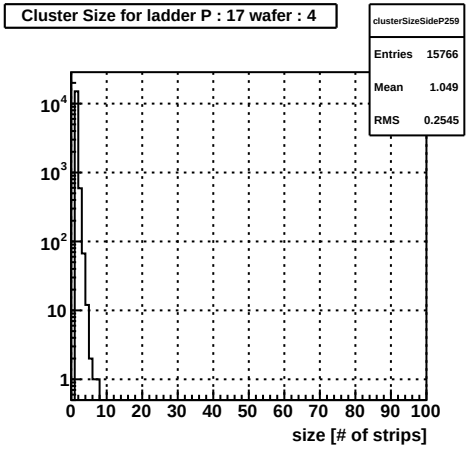

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 8985
Mean 1.069
RMS 0.3251
size [# of strips]

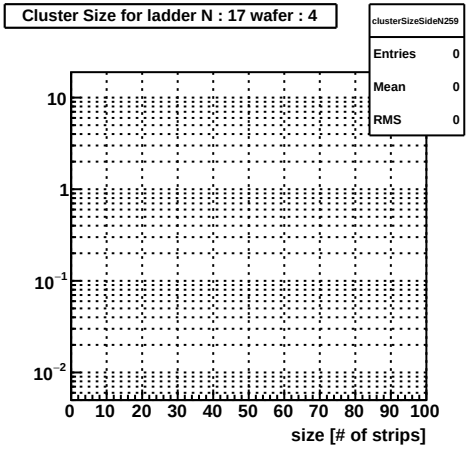

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 17685
Mean 1.153
RMS 0.5615
size [# of strips]

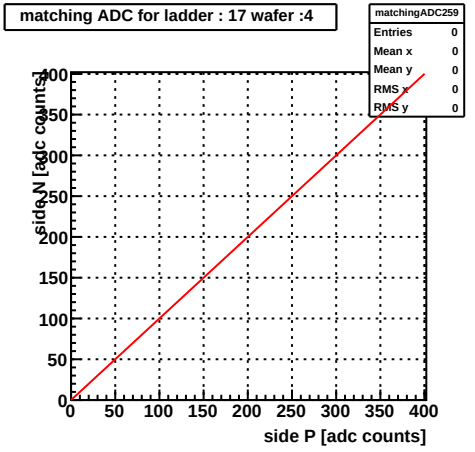

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 732
Mean x 62.05
Mean y 54.48
RMS x 63.05
RMS y 57.15
side N [adc counts]
side P [adc counts]

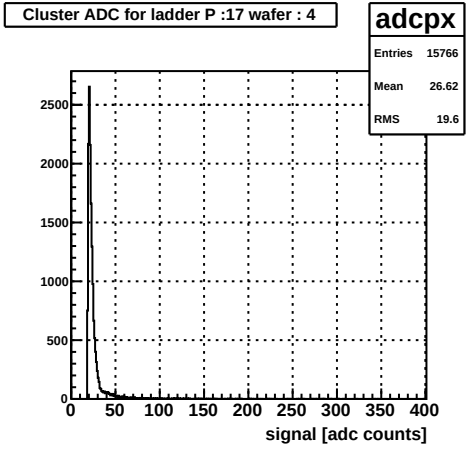

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 8985
Mean 31.19
RMS 29.43
signal [adc counts]

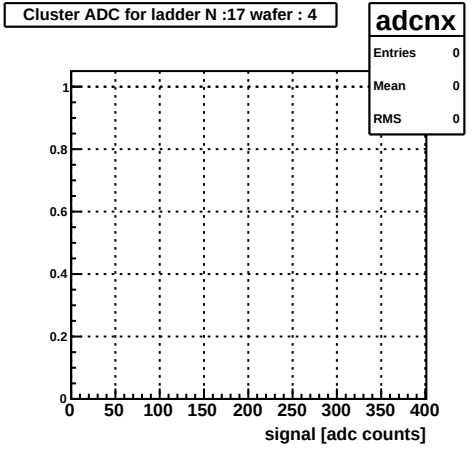

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 17685
Mean 25.44
RMS 20.43
signal [adc counts]

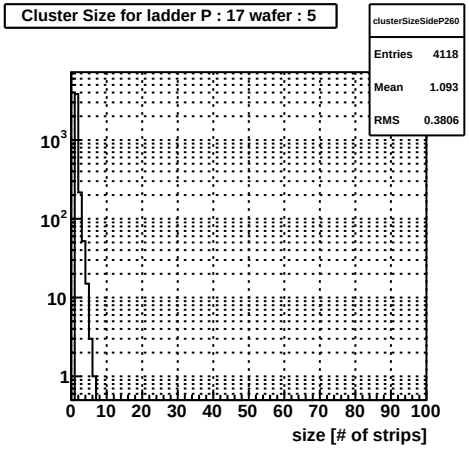

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 15766
Mean 1.049
RMS 0.2545
size [# of strips]

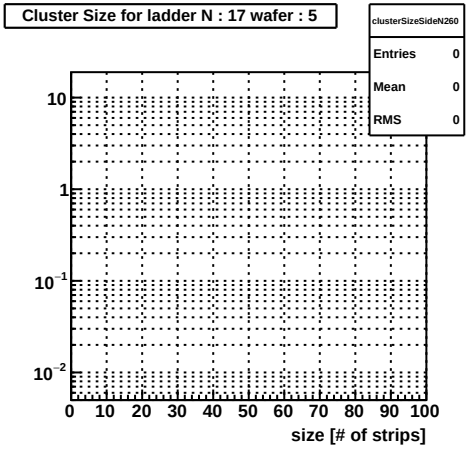

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

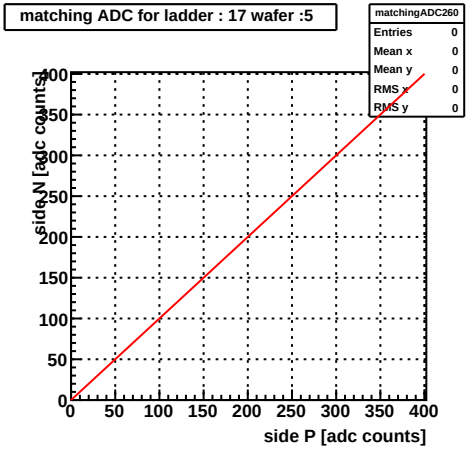

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

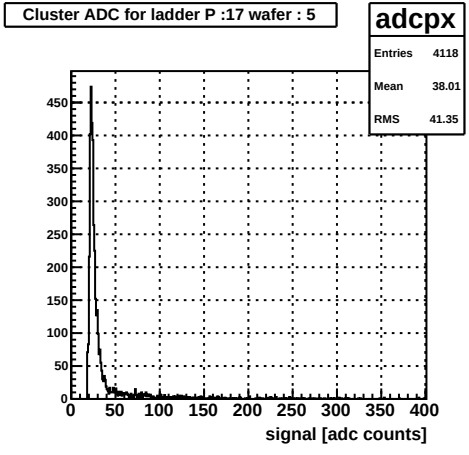

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 15766
Mean 26.62
RMS 19.6
signal [adc counts]

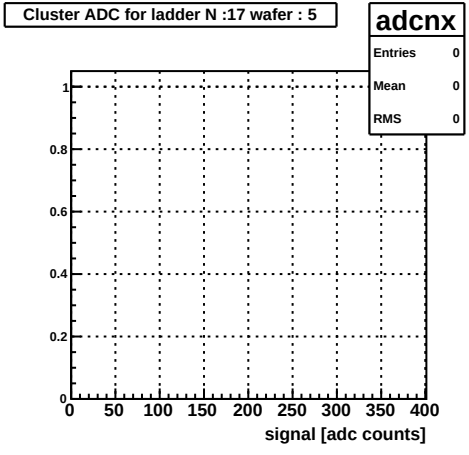

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

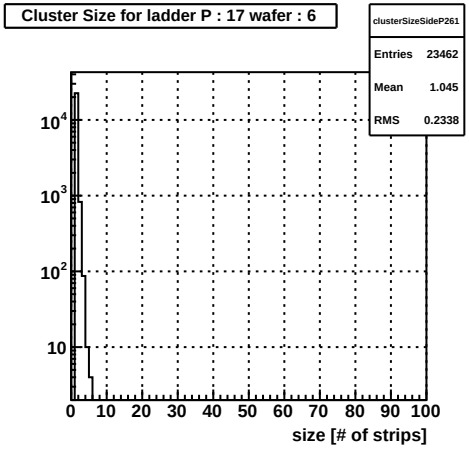

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 4118
Mean 1.093
RMS 0.3806
size [# of strips]

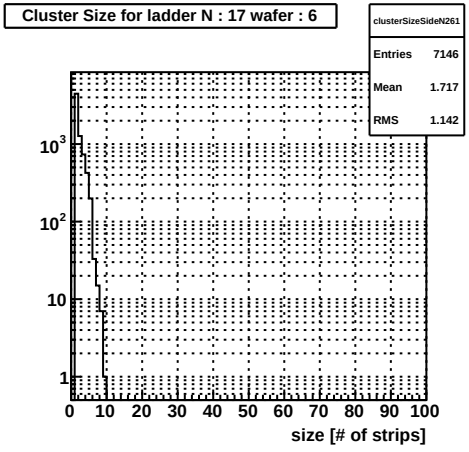

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

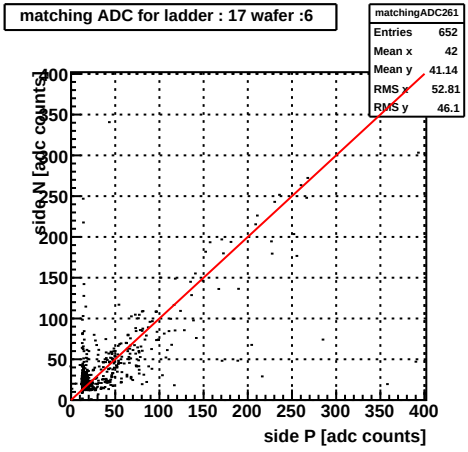

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

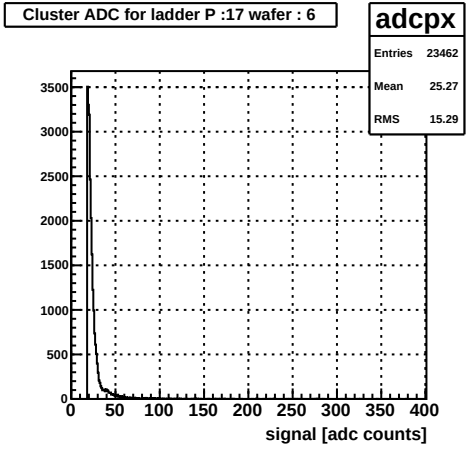

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 4118
Mean 38.01
RMS 41.35
signal [adc counts]

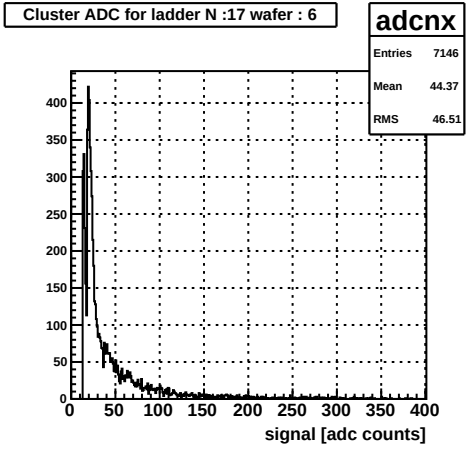

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

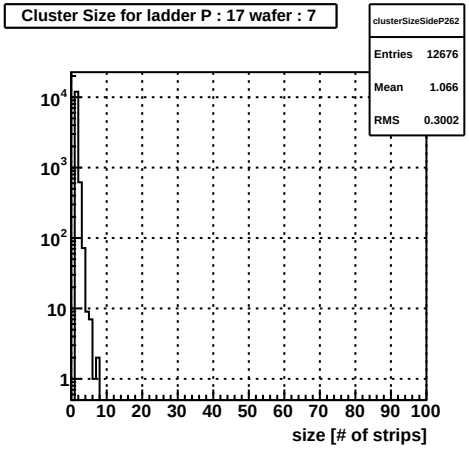

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 23462
Mean 1.045
RMS 0.2338
size [# of strips]

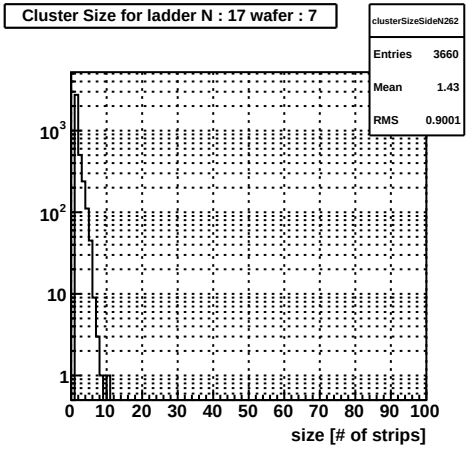

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 7146
Mean 1.717
RMS 1.142
size [# of strips]

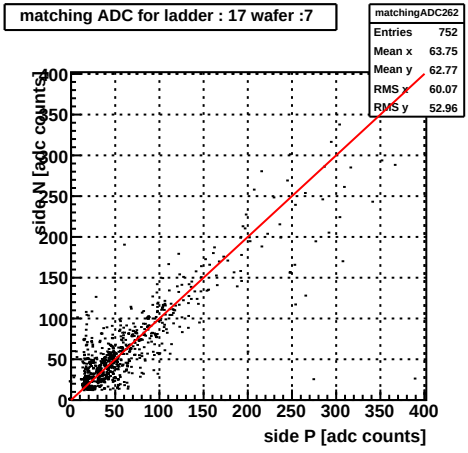

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 652
Mean x 42
Mean y 41.14
RMS x 52.81
RMS y 46.1
side N [adc counts]
side P [adc counts]

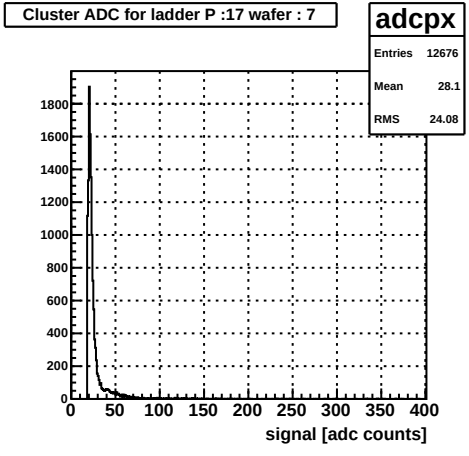

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 23462
Mean 25.27
RMS 15.29
signal [adc counts]

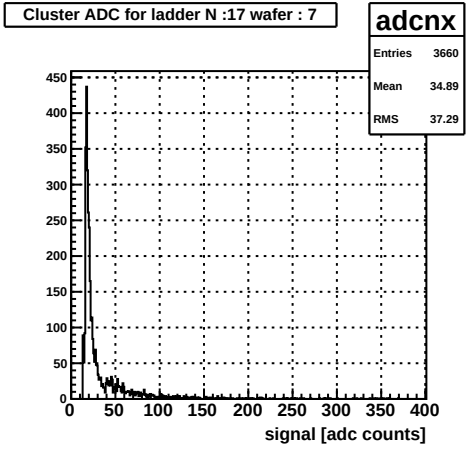

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 7146
Mean 44.37
RMS 46.51
signal [adc counts]

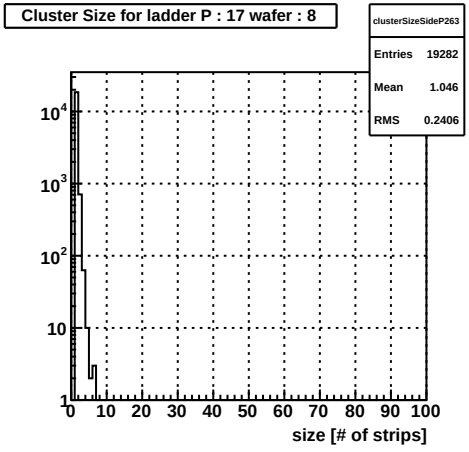

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12676
Mean 1.066
RMS 0.3002
size [# of strips]

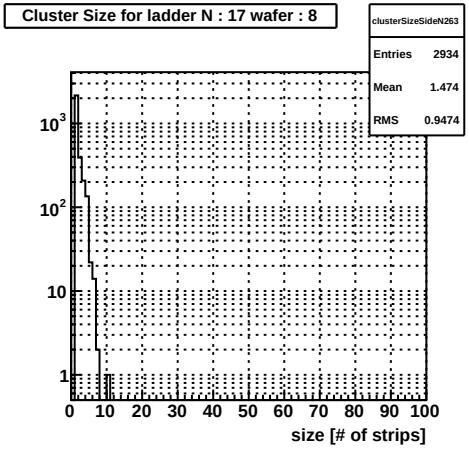

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 3660
Mean 1.43
RMS 0.9001
size [# of strips]

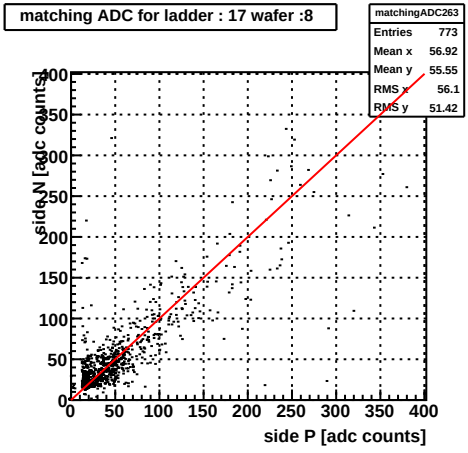

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 752
Mean x 63.75
Mean y 62.77
RMS x 60.07
RMS y 52.96
side N [adc counts]
side P [adc counts]

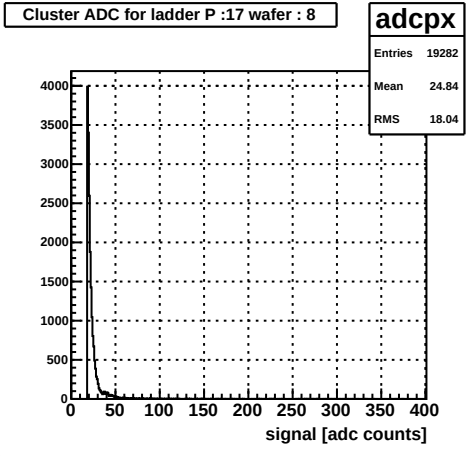

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12676
Mean 28.1
RMS 24.08
signal [adc counts]

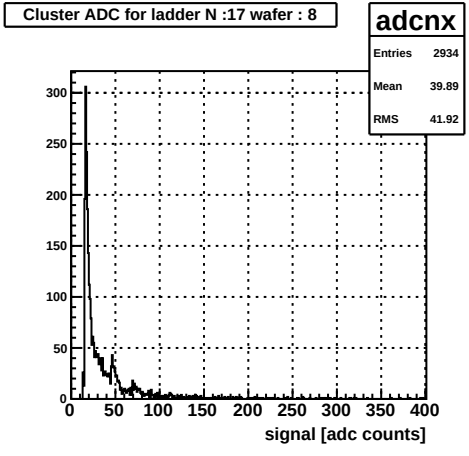

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 3660
Mean 34.89
RMS 37.29
signal [adc counts]

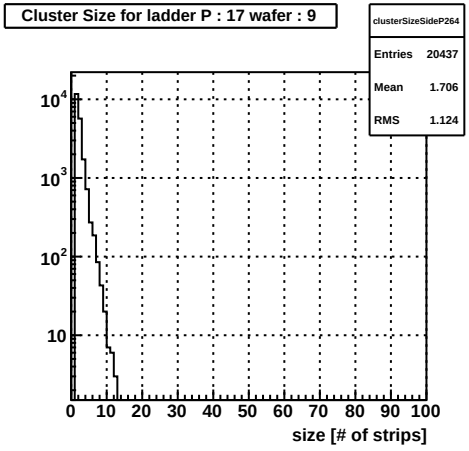

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 19282
Mean 1.046
RMS 0.2406
size [# of strips]

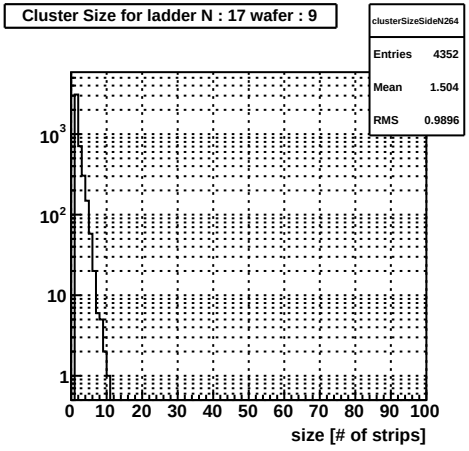

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2934
Mean 1.474
RMS 0.9474
size [# of strips]

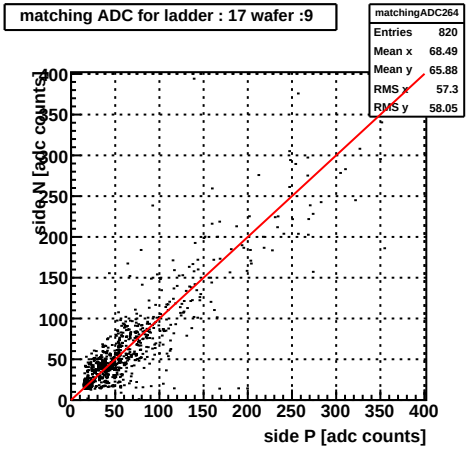

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 773
Mean x 56.92
Mean y 55.55
RMS x 56.1
RMS y 51.42
side N [adc counts]
side P [adc counts]

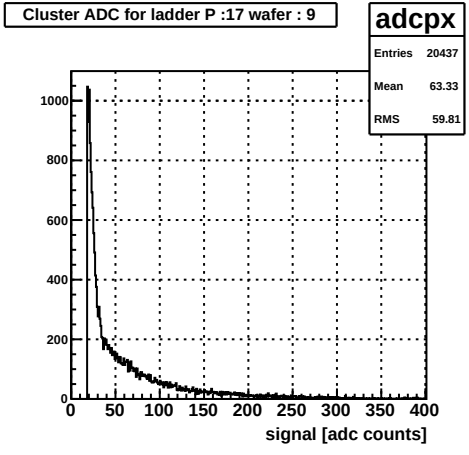

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 19282
Mean 24.84
RMS 18.04
signal [adc counts]

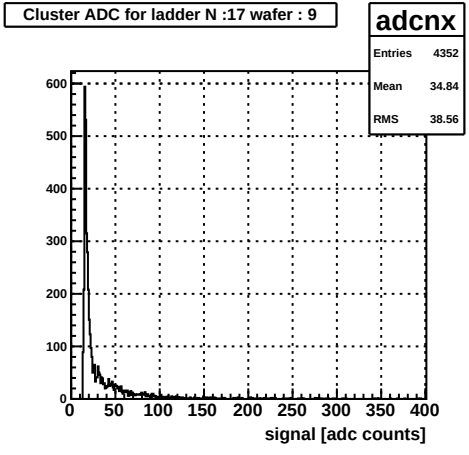

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2934
Mean 39.89
RMS 41.92
signal [adc counts]

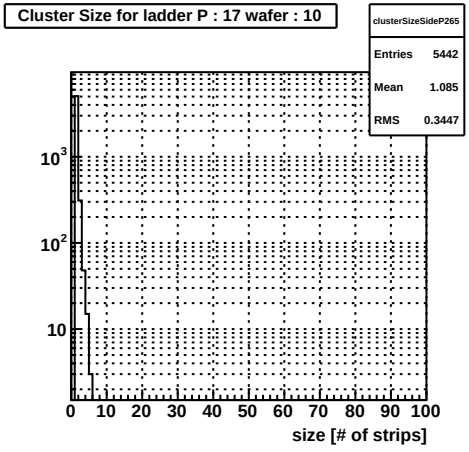

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 20437
Mean 1.706
RMS 1.124
size [# of strips]

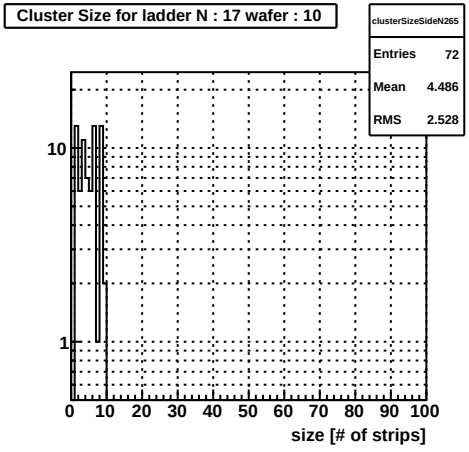

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4352
Mean 1.504
RMS 0.9896
size [# of strips]

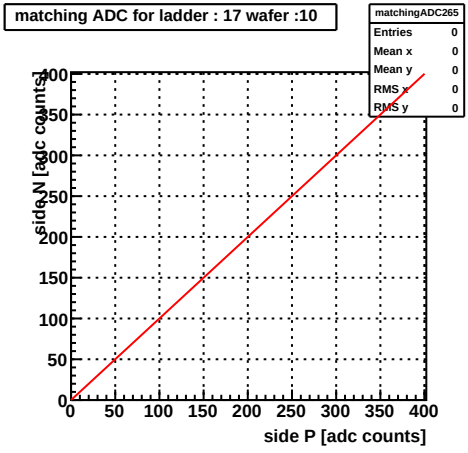

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 820
Mean x 68.49
Mean y 65.88
RMS x 57.3
RMS y 58.05
side N [adc counts]
side P [adc counts]

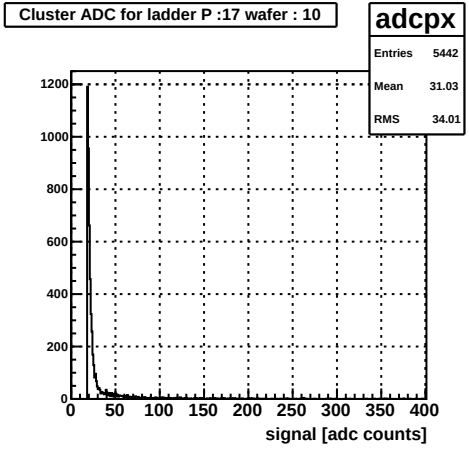

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 20437
Mean 63.33
RMS 59.81
signal [adc counts]

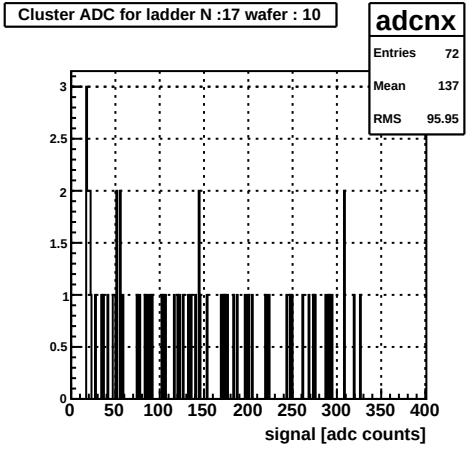

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4352
Mean 34.84
RMS 38.56
signal [adc counts]

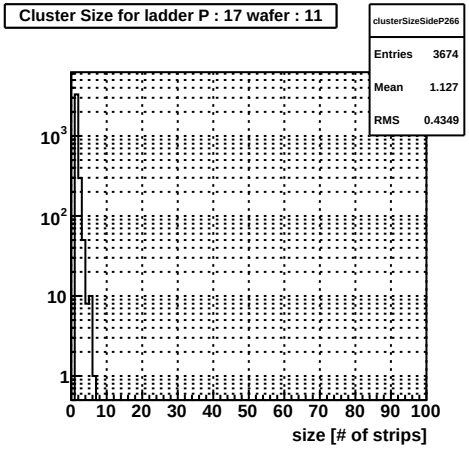

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5442
Mean 1.085
RMS 0.3447
size [# of strips]

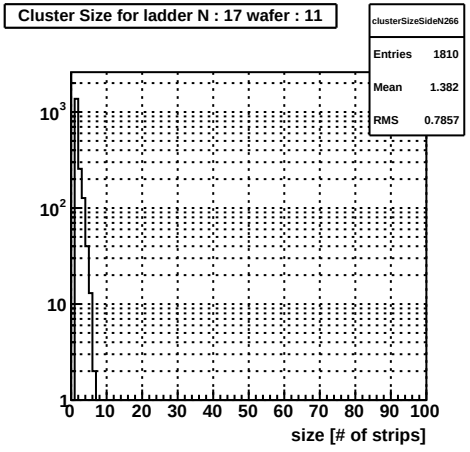

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 72
Mean 4.486
RMS 2.528
size [# of strips]

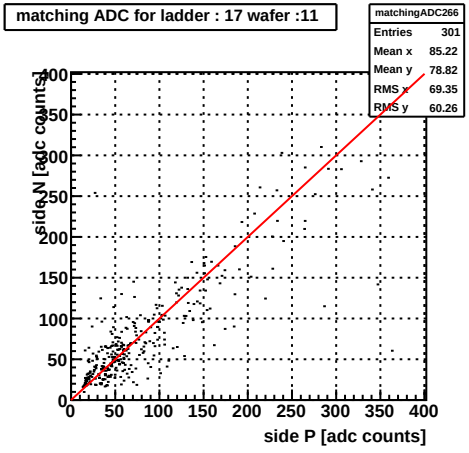

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

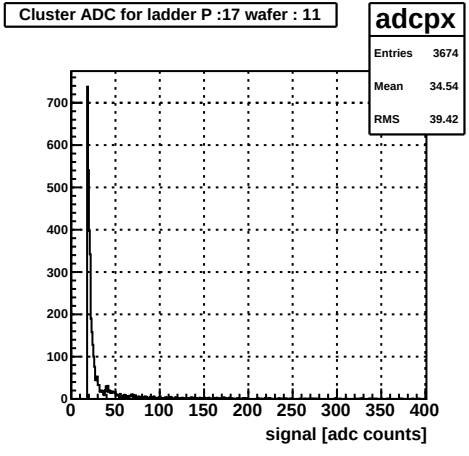

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5442
Mean 31.03
RMS 34.01
signal [adc counts]

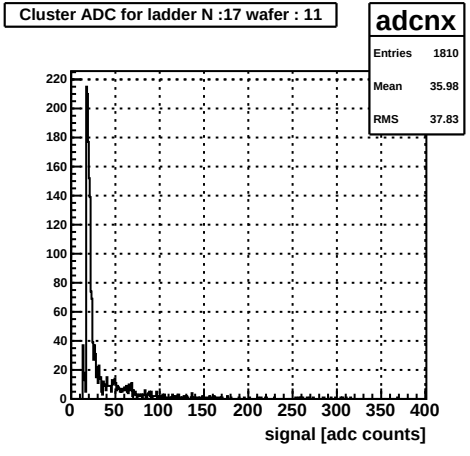

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 72
Mean 137
RMS 95.95
signal [adc counts]

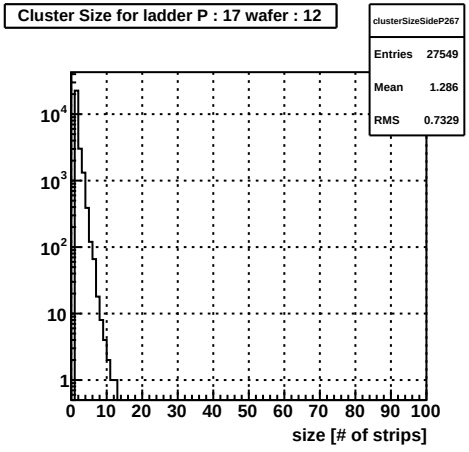

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3674
Mean 1.127
RMS 0.4349
size [# of strips]

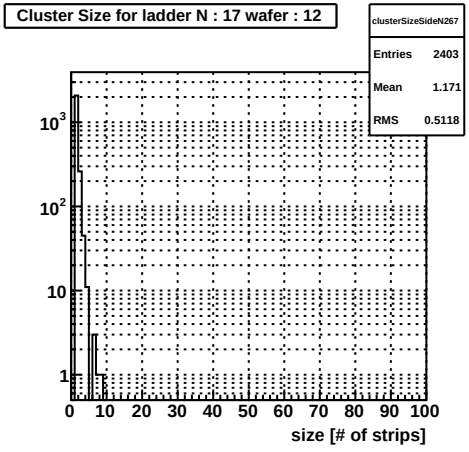

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1810
Mean 1.382
RMS 0.7857
size [# of strips]

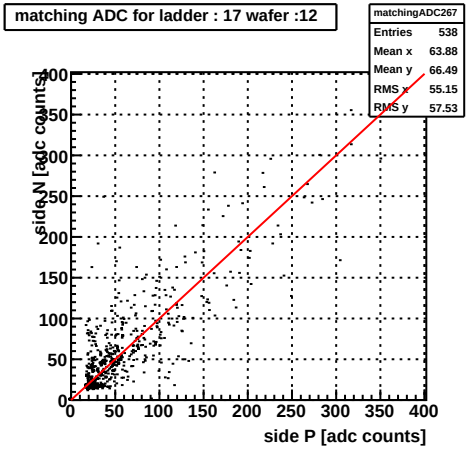

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 301
Mean x 85.22
Mean y 78.82
RMS x 69.35
RMS y 60.26
side N [adc counts]
side P [adc counts]

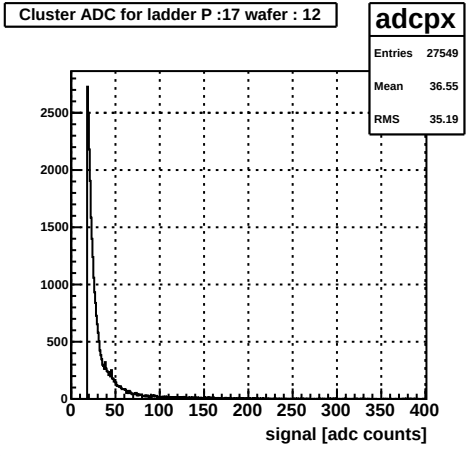

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3674
Mean 34.54
RMS 39.42
signal [adc counts]

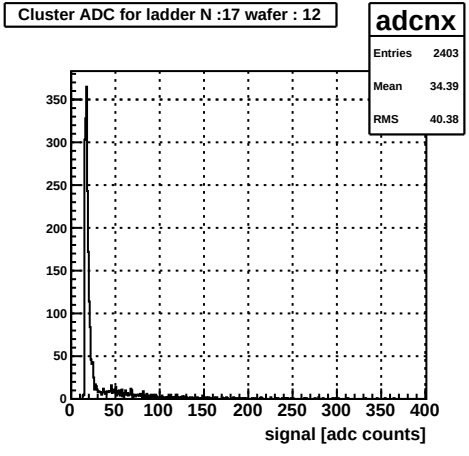

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1810
Mean 35.98
RMS 37.83
signal [adc counts]

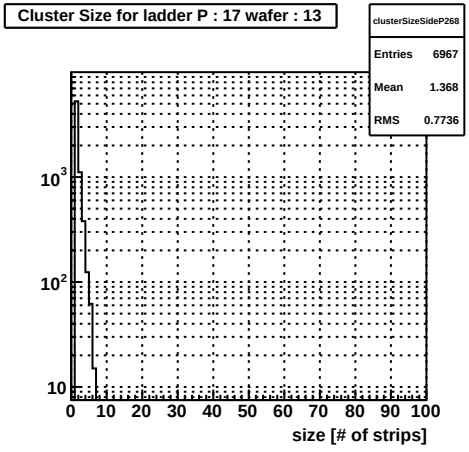

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 27549
Mean 1.286
RMS 0.7329
size [# of strips]

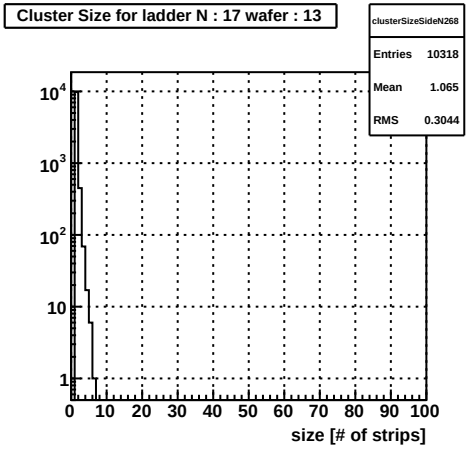

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2403
Mean 1.171
RMS 0.5118
size [# of strips]

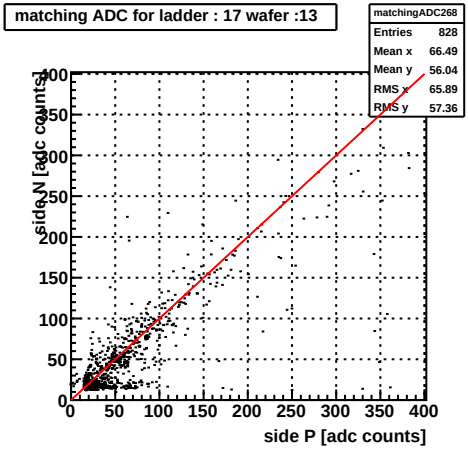

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 538
Mean x 63.88
Mean y 66.49
RMS x 55.15
RMS y 57.53
side N [adc counts]
side P [adc counts]

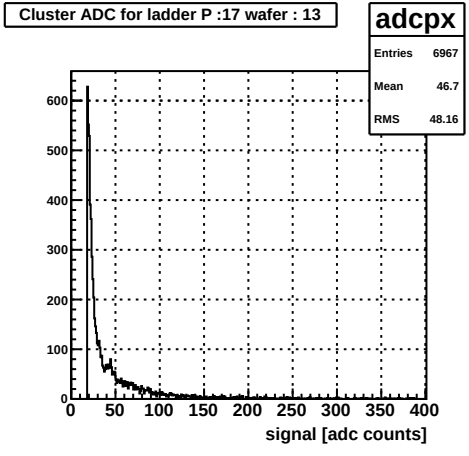

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 27549
Mean 36.55
RMS 35.19
signal [adc counts]

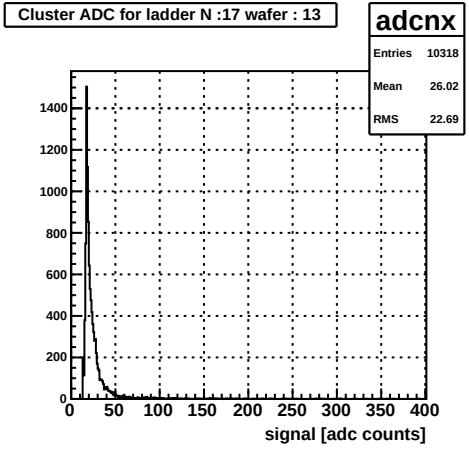

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2403
Mean 34.39
RMS 40.38
signal [adc counts]

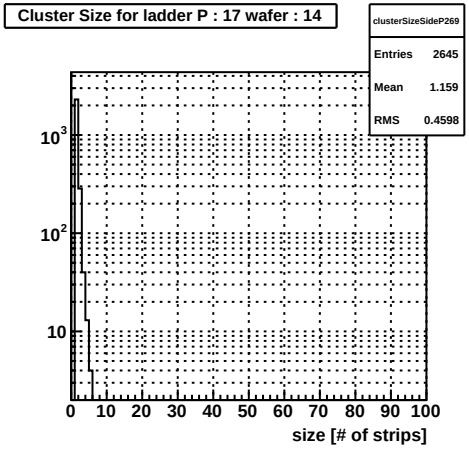

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6967
Mean 1.368
RMS 0.7736
size [# of strips]

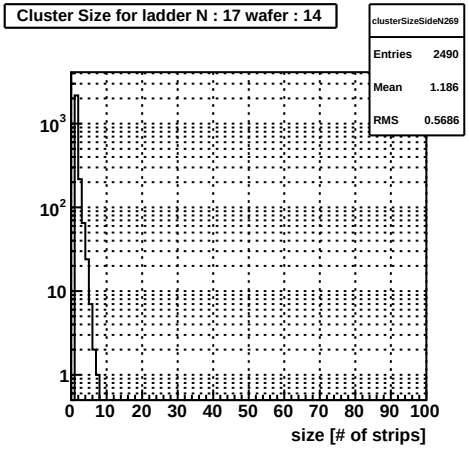

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 10318
Mean 1.065
RMS 0.3044
size [# of strips]

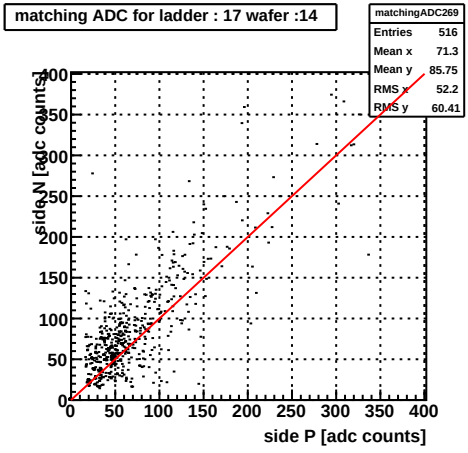

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 828
Mean x 66.49
Mean y 56.04
RMS x 65.89
RMS y 57.36
side N [adc counts]
side P [adc counts]

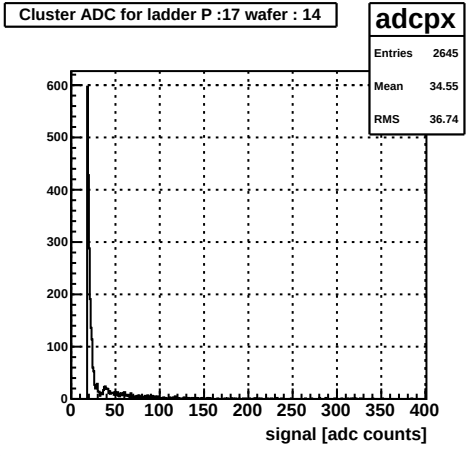

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6967
Mean 46.7
RMS 48.16
signal [adc counts]

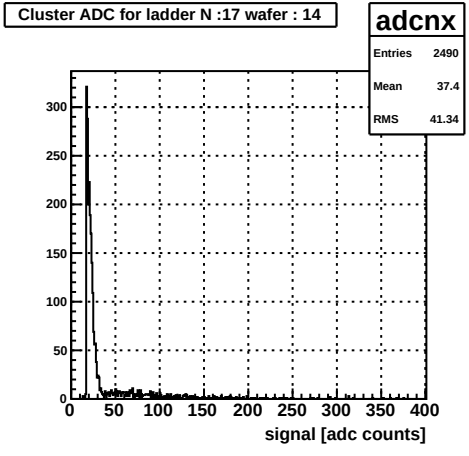

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 10318
Mean 26.02
RMS 22.69
signal [adc counts]

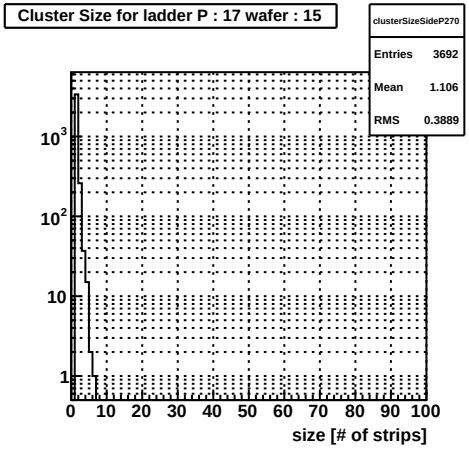

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2645
Mean 1.159
RMS 0.4598
size [# of strips]

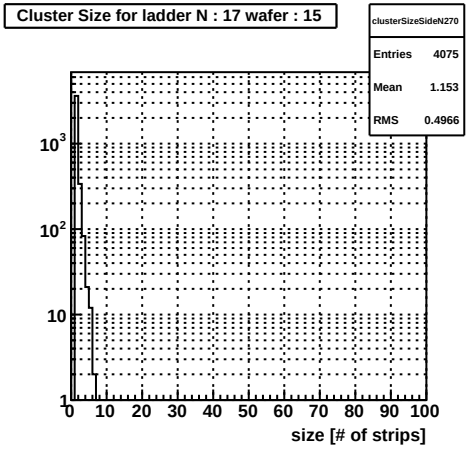

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2490
Mean 1.186
RMS 0.5686
size [# of strips]

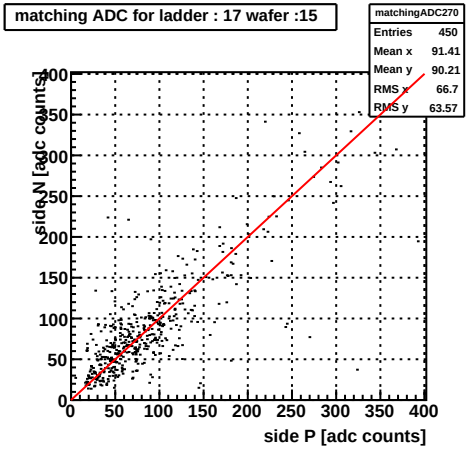

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 516
Mean x 71.3
Mean y 85.75
RMS x 52.2
RMS y 60.41
side N [adc counts]
side P [adc counts]

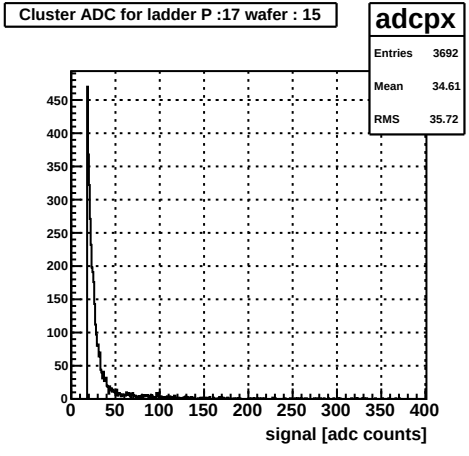

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2645
Mean 34.55
RMS 36.74
signal [adc counts]

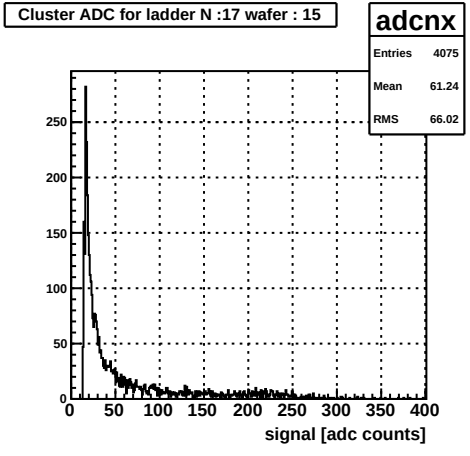

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2490
Mean 37.4
RMS 41.34
signal [adc counts]

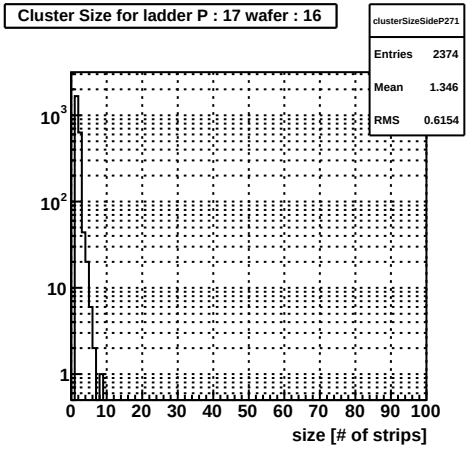

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3692
Mean 1.106
RMS 0.3889
size [# of strips]

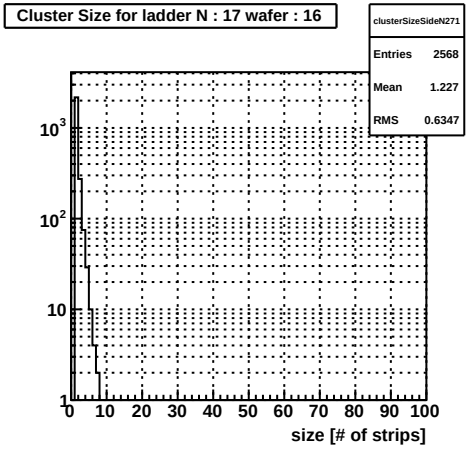

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4075
Mean 1.153
RMS 0.4966
size [# of strips]

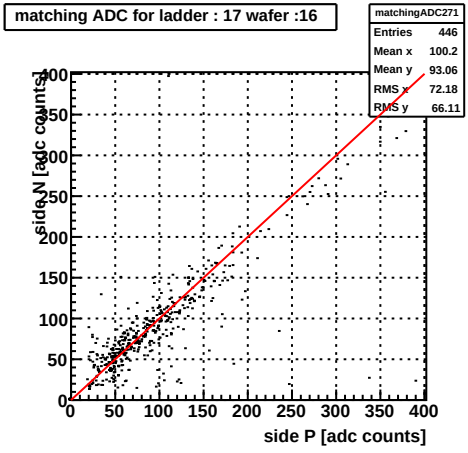

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 450
Mean x 91.41
Mean y 90.21
RMS x 66.7
RMS y 63.57
side N [adc counts]
side P [adc counts]

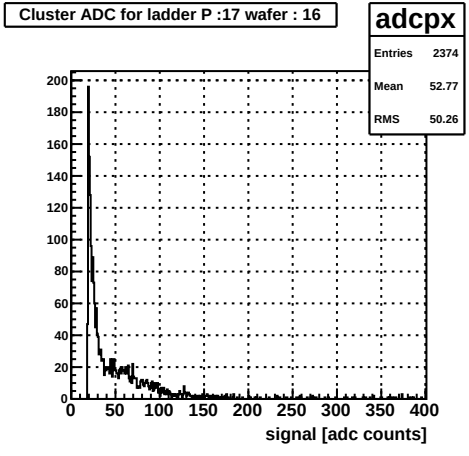

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3692
Mean 34.61
RMS 35.72
signal [adc counts]

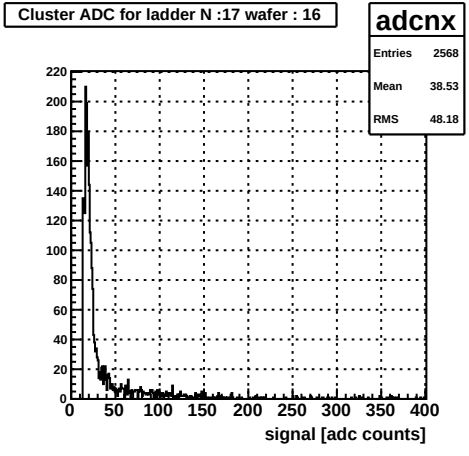

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4075
Mean 61.24
RMS 66.02
signal [adc counts]

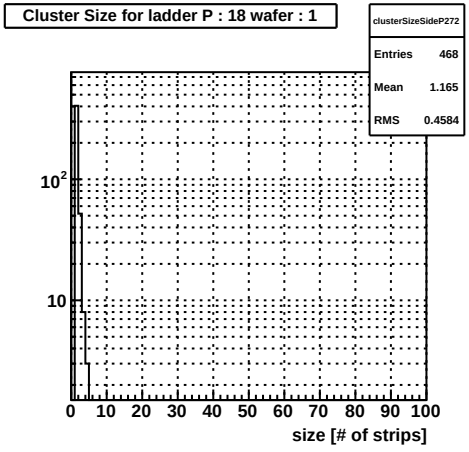

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2374
Mean 1.346
RMS 0.6154
size [# of strips]

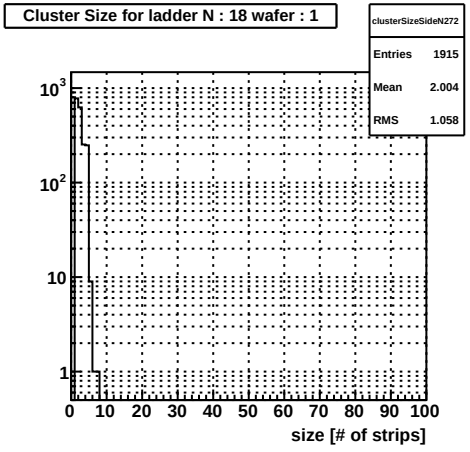

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2568
Mean 1.227
RMS 0.6347
size [# of strips]

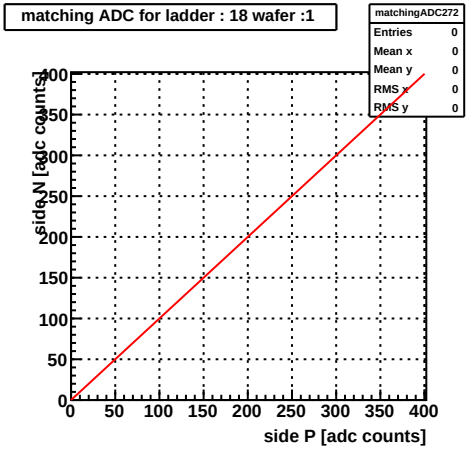

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 446
Mean x 100.2
Mean y 93.06
RMS x 72.18
RMS y 66.11
side N [adc counts]
side P [adc counts]

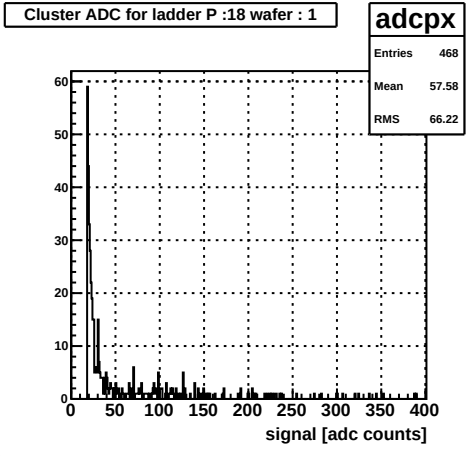

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2374
Mean 52.77
RMS 50.26
signal [adc counts]

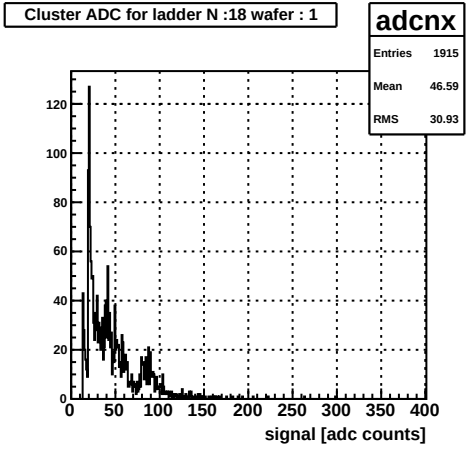

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2568
Mean 38.53
RMS 48.18
signal [adc counts]

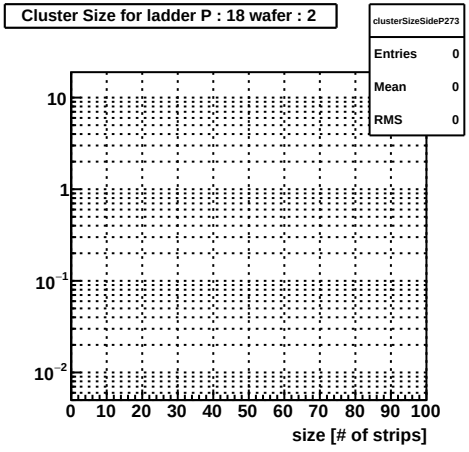

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 468
Mean 1.165
RMS 0.4584
size [# of strips]

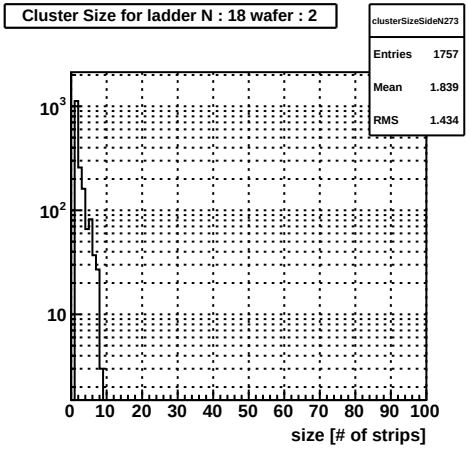

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1915
Mean 2.004
RMS 1.058
size [# of strips]

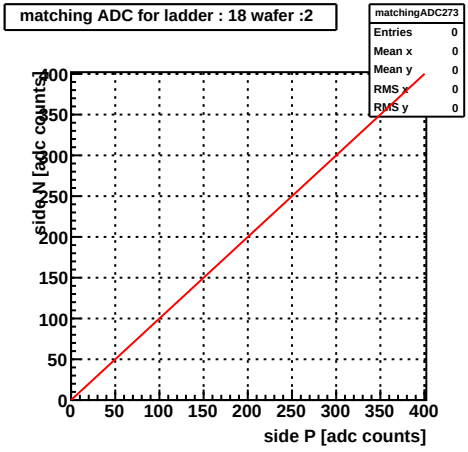

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

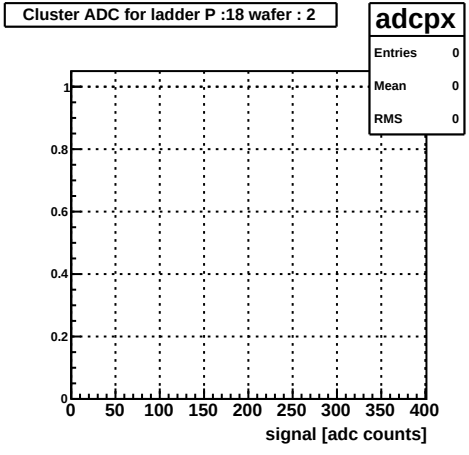

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 468
Mean 57.58
RMS 66.22
signal [adc counts]

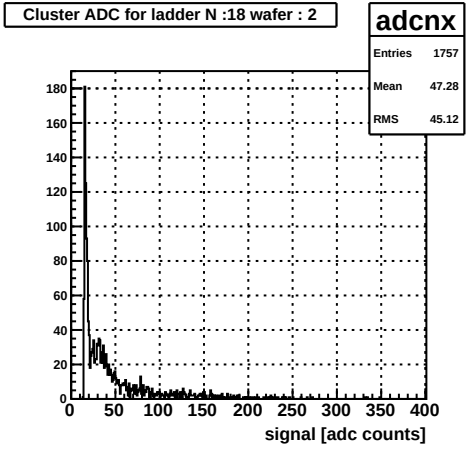

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1915
Mean 46.59
RMS 30.93
signal [adc counts]

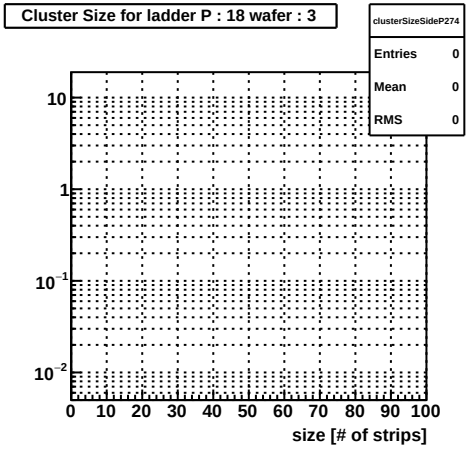

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

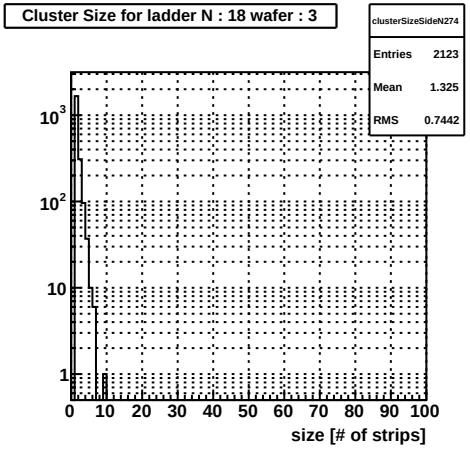

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1757
Mean 1.839
RMS 1.434
size [# of strips]

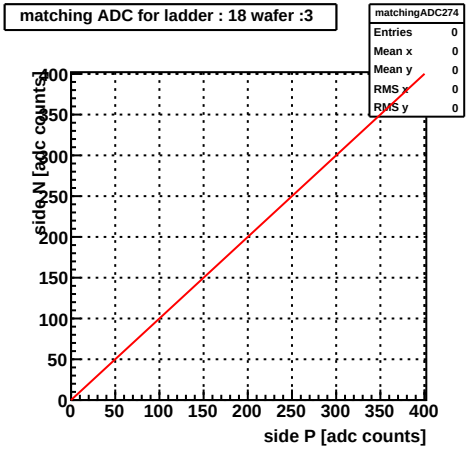

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

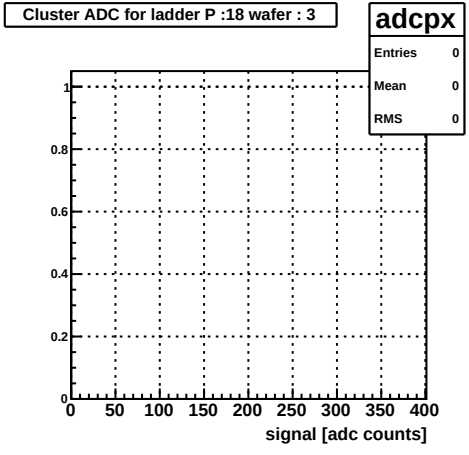

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

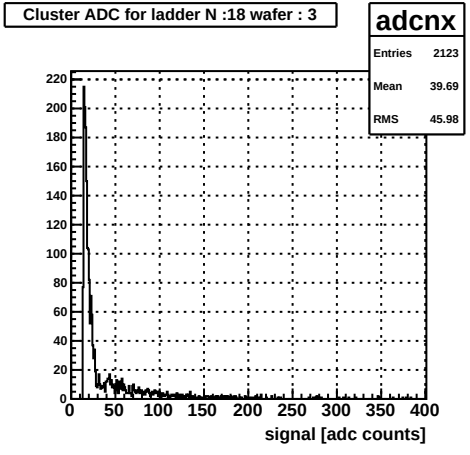

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1757
Mean 47.28
RMS 45.12
signal [adc counts]

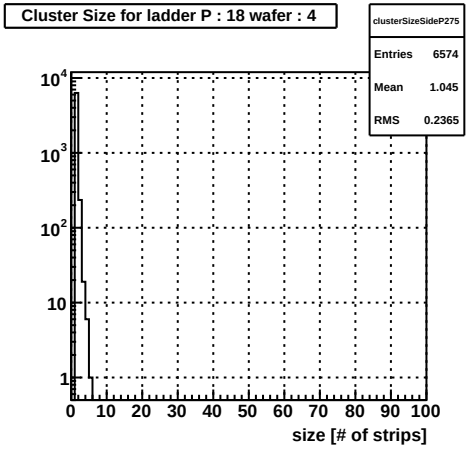

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

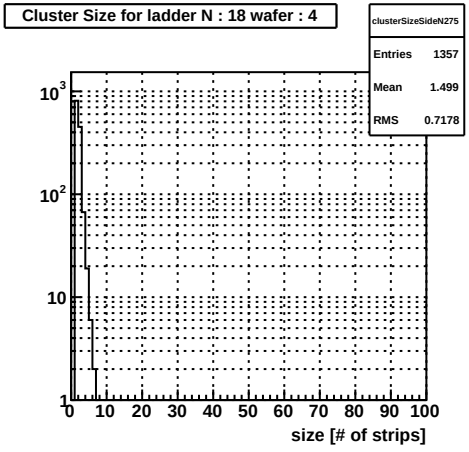

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2123
Mean 1.325
RMS 0.7442
size [# of strips]

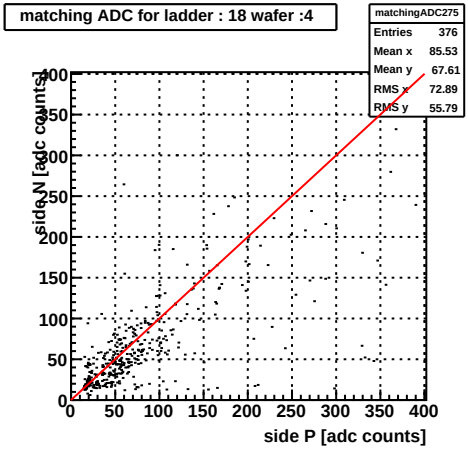

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

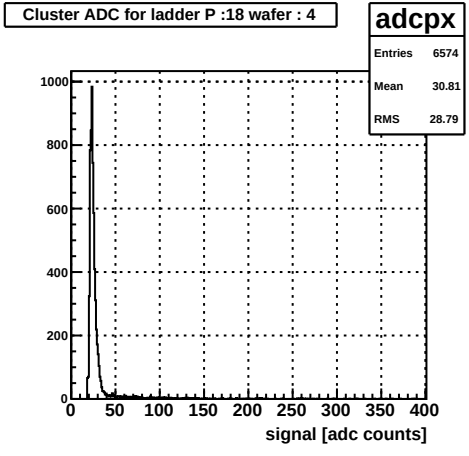

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

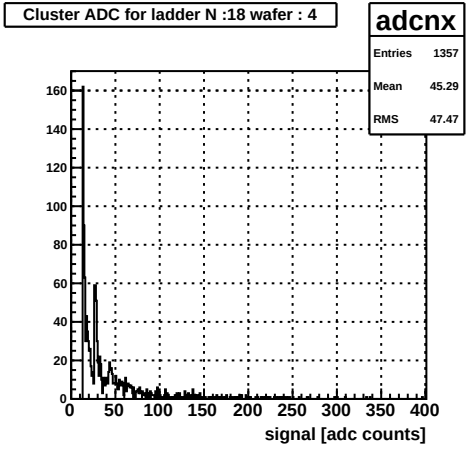

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2123
Mean 39.69
RMS 45.98
signal [adc counts]

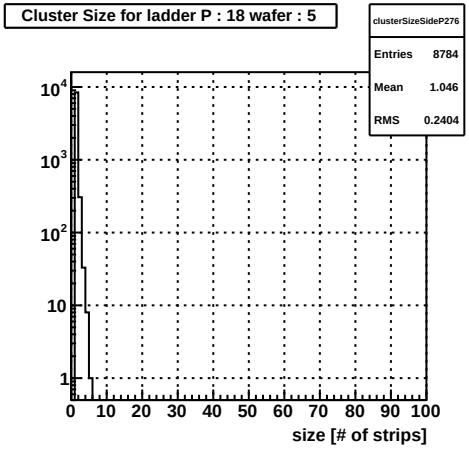

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6574
Mean 1.045
RMS 0.2365
size [# of strips]

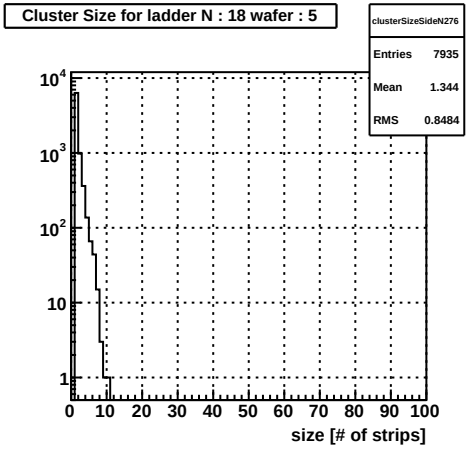

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1357
Mean 1.499
RMS 0.7178
size [# of strips]

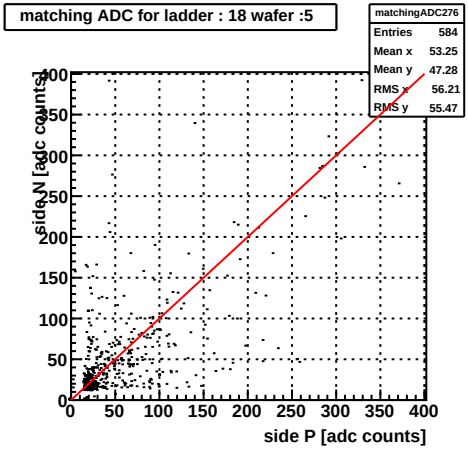

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 376
Mean x 85.53
Mean y 67.61
RMS x 72.89
RMS y 55.79
side N [adc counts]
side P [adc counts]

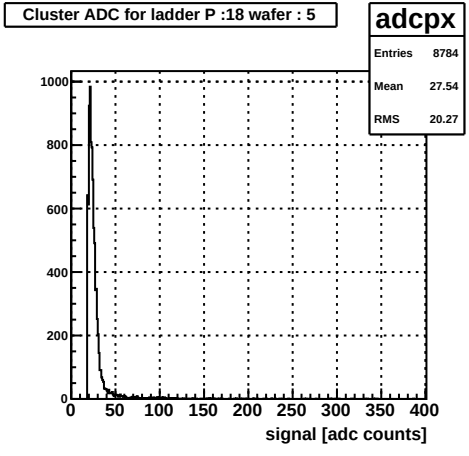

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6574
Mean 30.81
RMS 28.79
signal [adc counts]

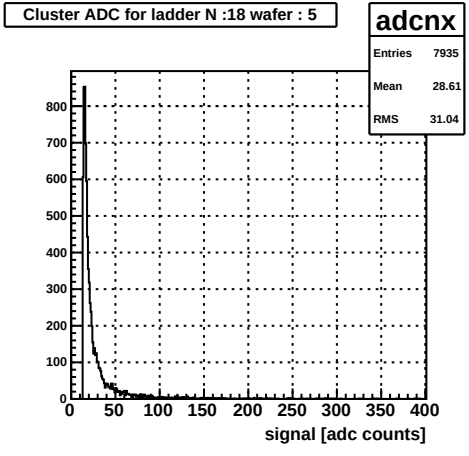

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1357
Mean 45.29
RMS 47.47
signal [adc counts]

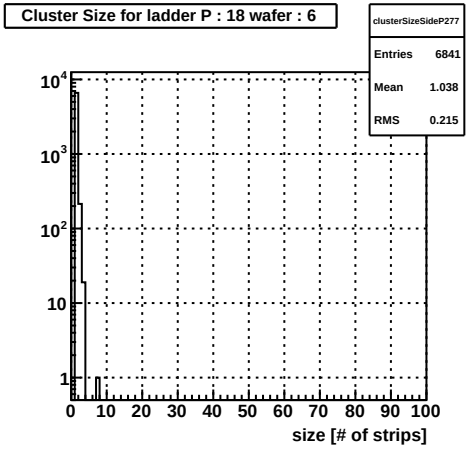

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 8784
Mean 1.046
RMS 0.2404
size [# of strips]

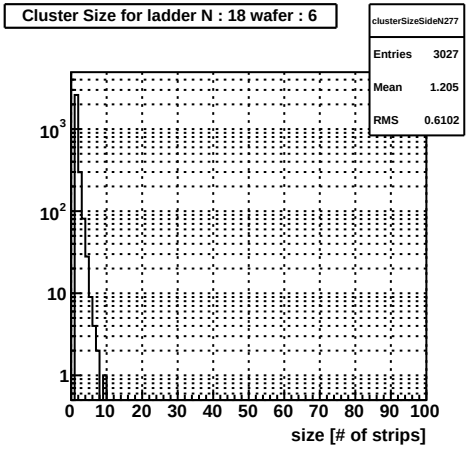

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7935
Mean 1.344
RMS 0.8484
size [# of strips]

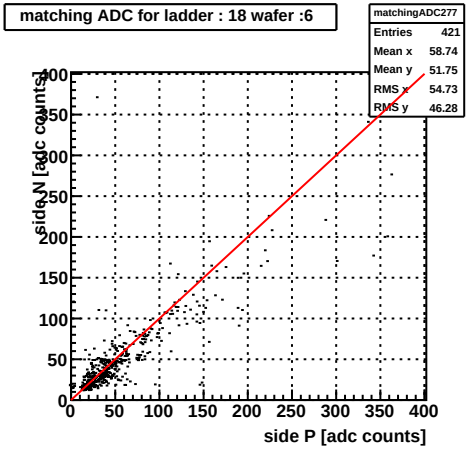

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 584
Mean x 53.25
Mean y 47.28
RMS x 56.21
RMS y 55.47
side N [adc counts]
side P [adc counts]

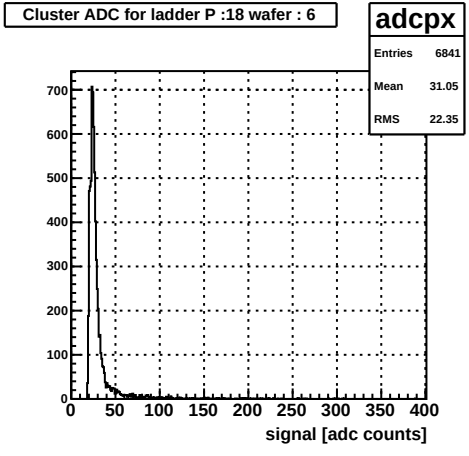

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 8784
Mean 27.54
RMS 20.27
signal [adc counts]

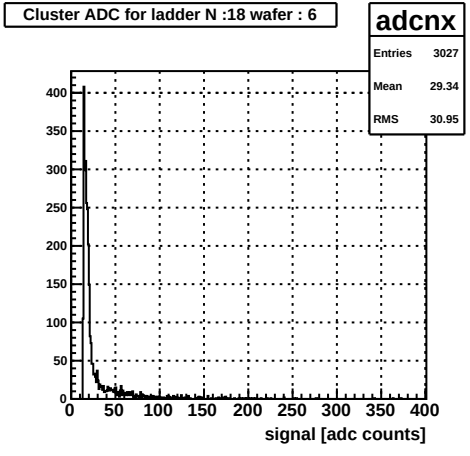

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7935
Mean 28.61
RMS 31.04
signal [adc counts]

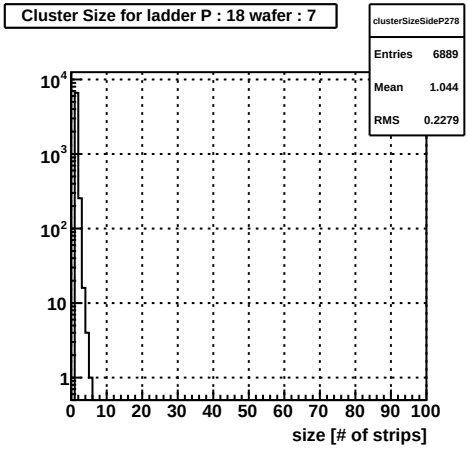

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 6841
Mean 1.038
RMS 0.215
size [# of strips]

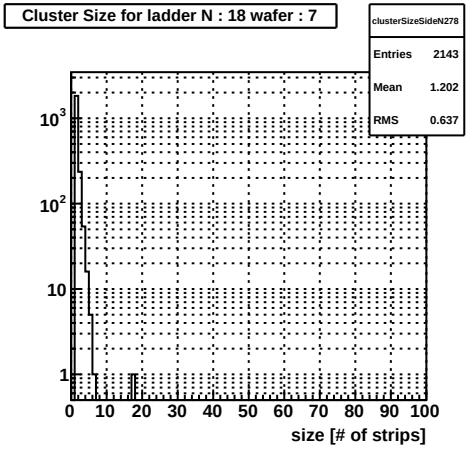

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3027
Mean 1.205
RMS 0.6102
size [# of strips]

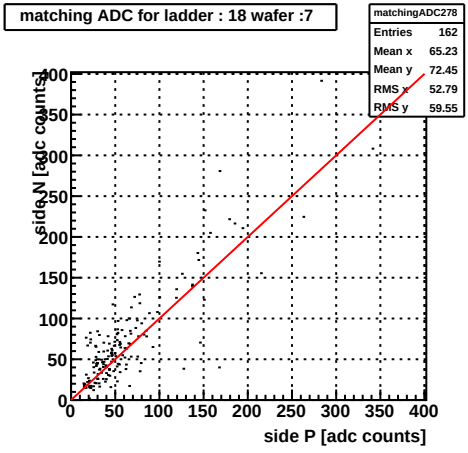

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 421
Mean x 58.74
Mean y 51.75
RMS x 54.73
RMS y 46.28
side N [adc counts]
side P [adc counts]

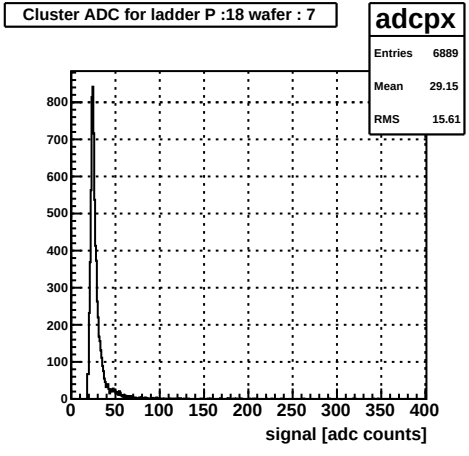

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 6841
Mean 31.05
RMS 22.35
signal [adc counts]

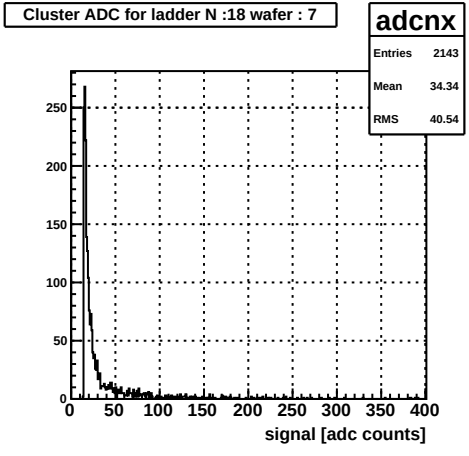

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3027
Mean 29.34
RMS 30.95
signal [adc counts]

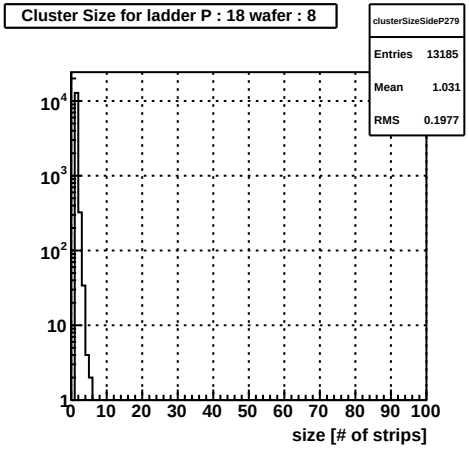

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6889
Mean 1.044
RMS 0.2279
size [# of strips]

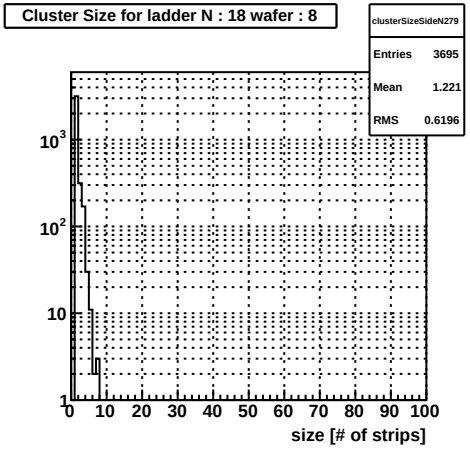

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2143
Mean 1.202
RMS 0.637
size [# of strips]

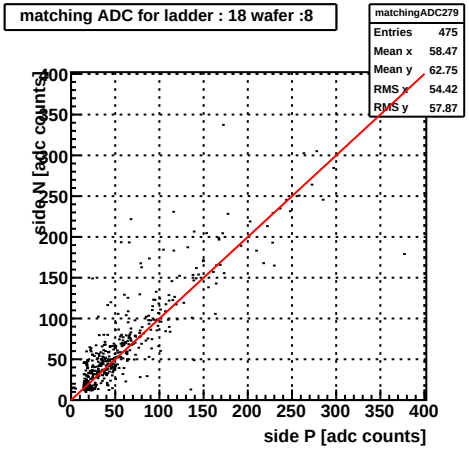

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 162
Mean x 65.23
Mean y 72.45
RMS x 52.79
RMS y 59.55
side N [adc counts]
side P [adc counts]

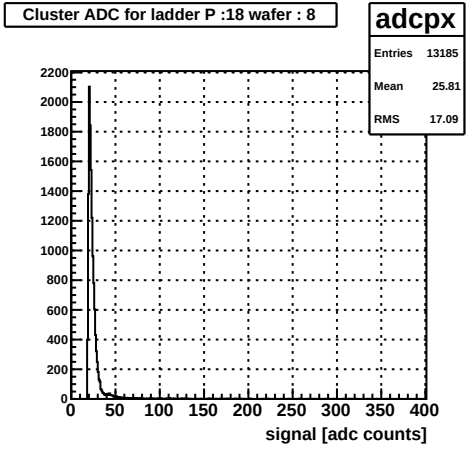

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6889
Mean 29.15
RMS 15.61
signal [adc counts]

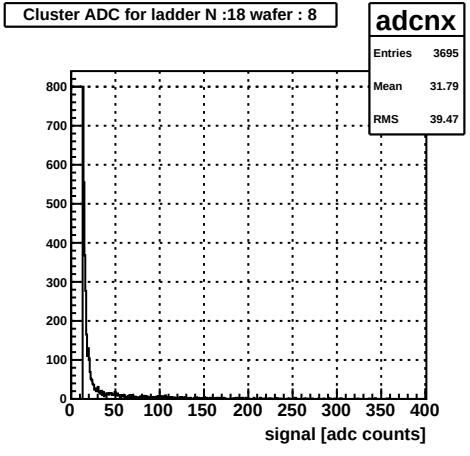

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2143
Mean 34.34
RMS 40.54
signal [adc counts]

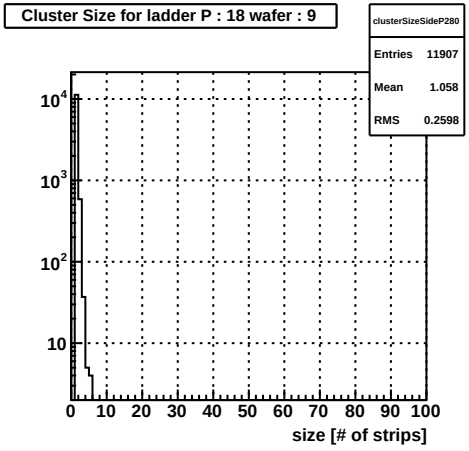

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 13185
Mean 1.031
RMS 0.1977
size [# of strips]

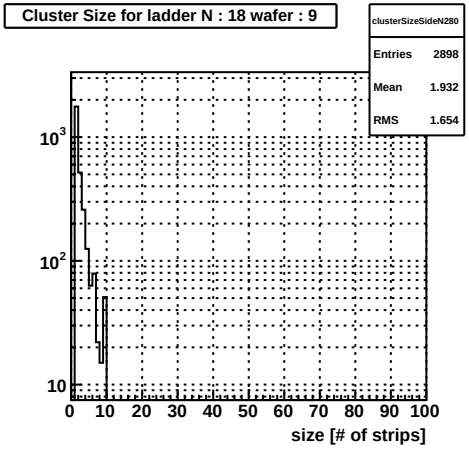

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3695
Mean 1.221
RMS 0.6196
size [# of strips]

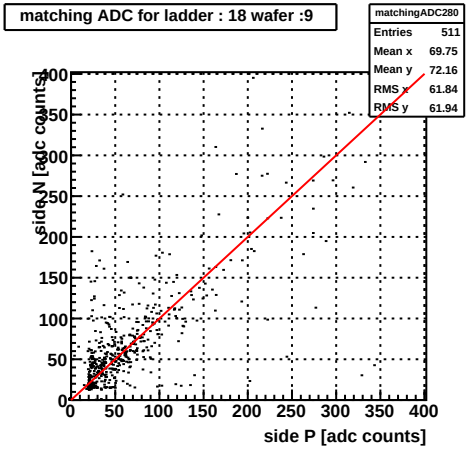

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 475
Mean x 58.47
Mean y 62.75
RMS x 54.42
RMS y 57.87
side N [adc counts]
side P [adc counts]

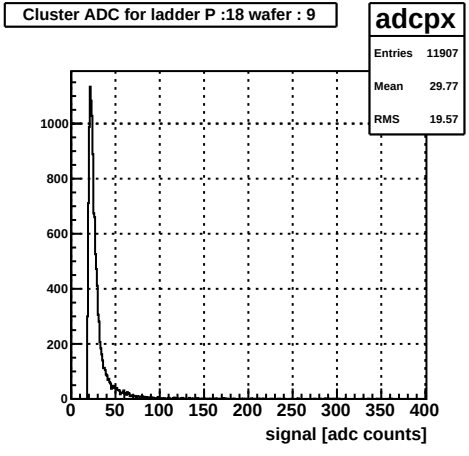

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 13185
Mean 25.81
RMS 17.09
signal [adc counts]

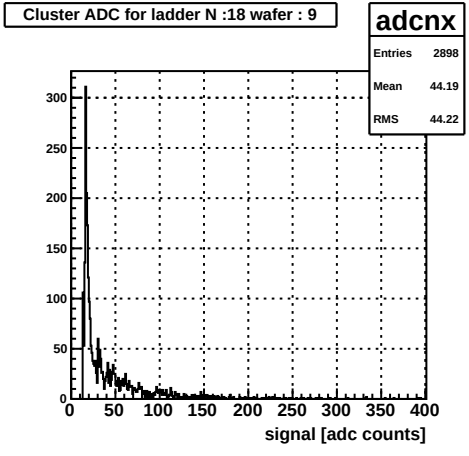

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3695
Mean 31.79
RMS 39.47
signal [adc counts]

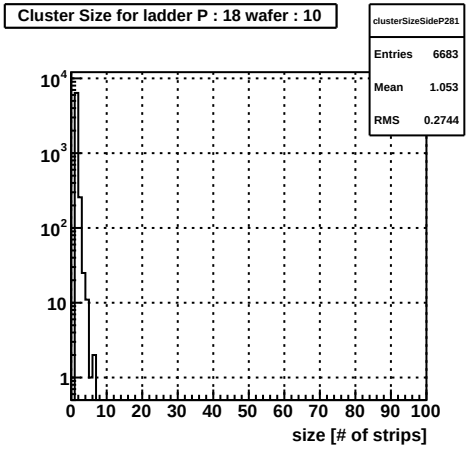

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11907
Mean 1.058
RMS 0.2598
size [# of strips]

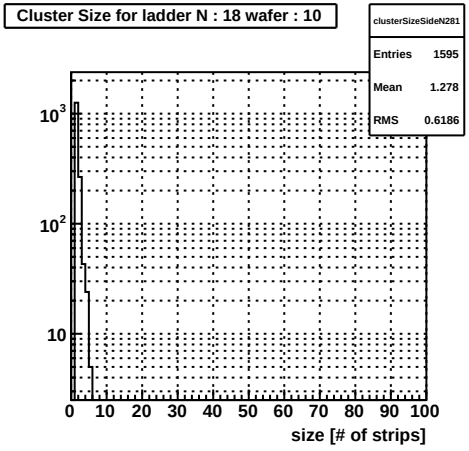

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2898
Mean 1.932
RMS 1.654
size [# of strips]

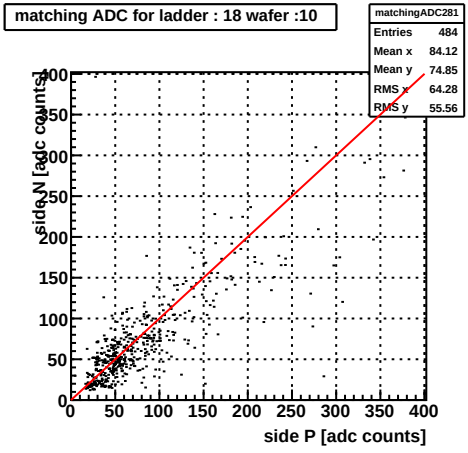

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 511
Mean x 69.75
Mean y 72.16
RMS x 61.84
RMS y 61.94
side N [adc counts]
side P [adc counts]

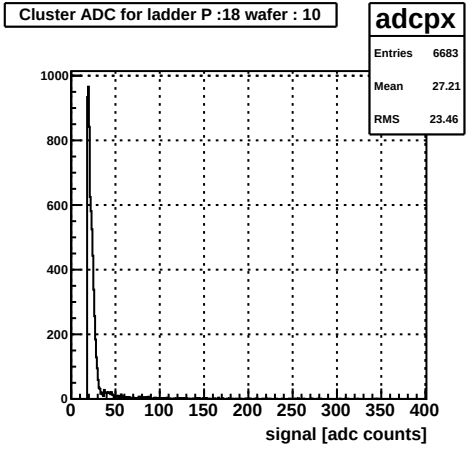

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11907
Mean 29.77
RMS 19.57
signal [adc counts]

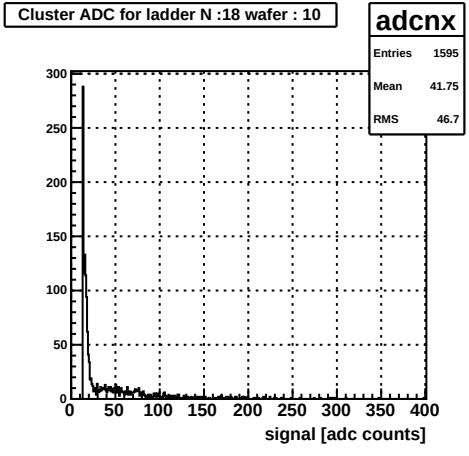

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2898
Mean 44.19
RMS 44.22
signal [adc counts]

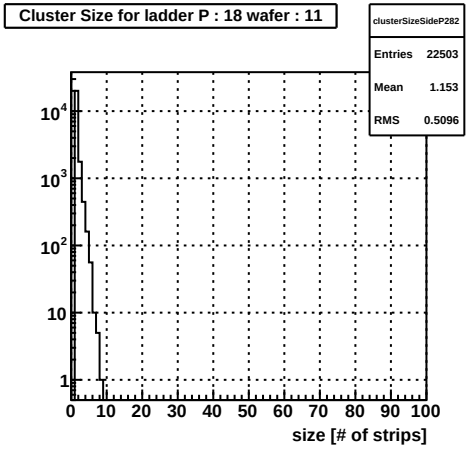

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6683
Mean 1.053
RMS 0.2744
size [# of strips]

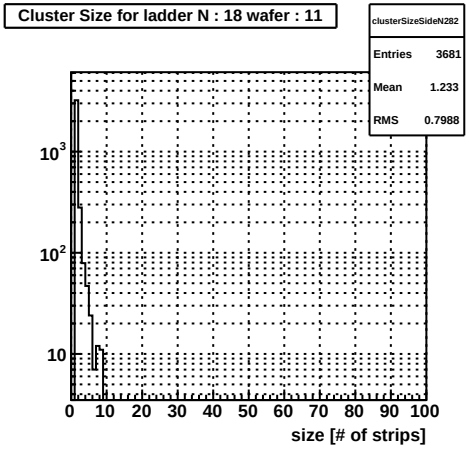

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1595
Mean 1.278
RMS 0.6186
size [# of strips]

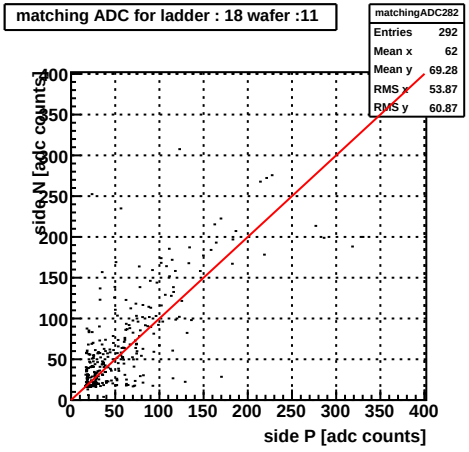

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 484
Mean x 84.12
Mean y 74.85
RMS x 64.28
RMS y 55.56
side N [adc counts]
side P [adc counts]

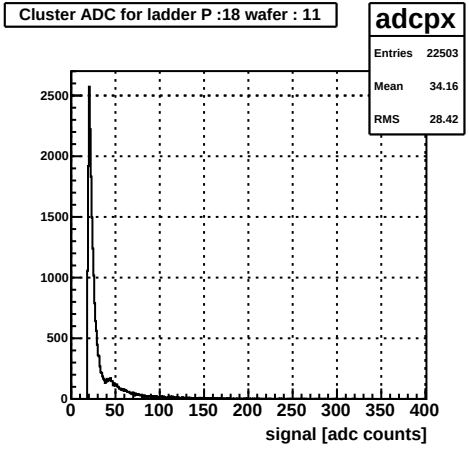

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6683
Mean 27.21
RMS 23.46
signal [adc counts]

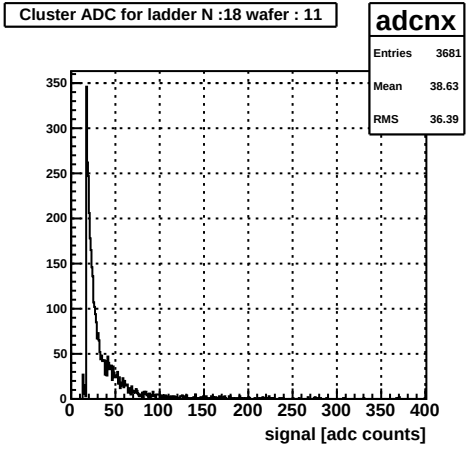

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1595
Mean 41.75
RMS 46.7
signal [adc counts]

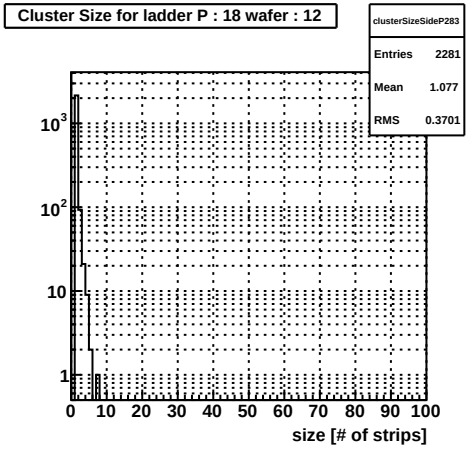

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 22503
Mean 1.153
RMS 0.5096
size [# of strips]

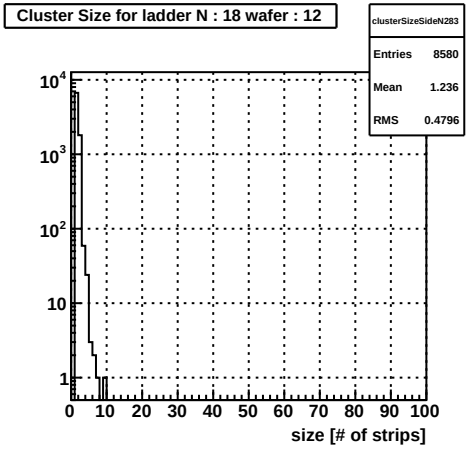

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3681
Mean 1.233
RMS 0.7988
size [# of strips]

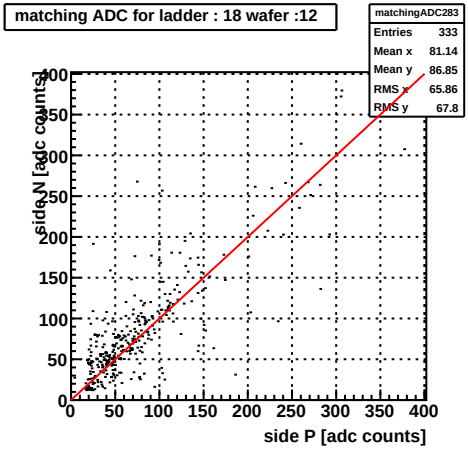

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 292
Mean x 62
Mean y 69.28
RMS x 53.87
RMS y 60.87
side N [adc counts]
side P [adc counts]

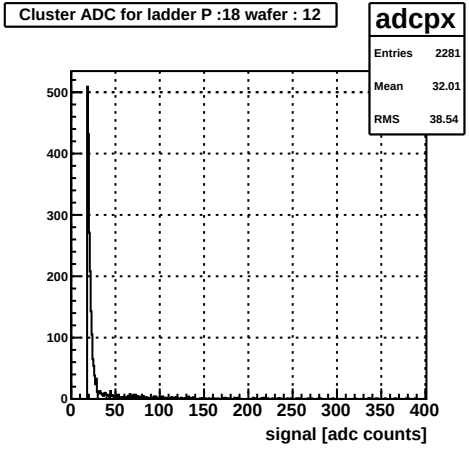

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 22503
Mean 34.16
RMS 28.42
signal [adc counts]

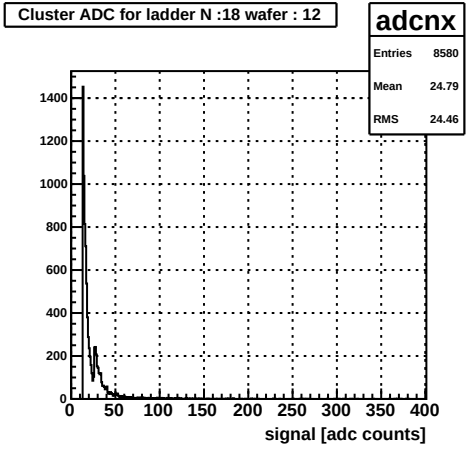

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3681
Mean 38.63
RMS 36.39
signal [adc counts]

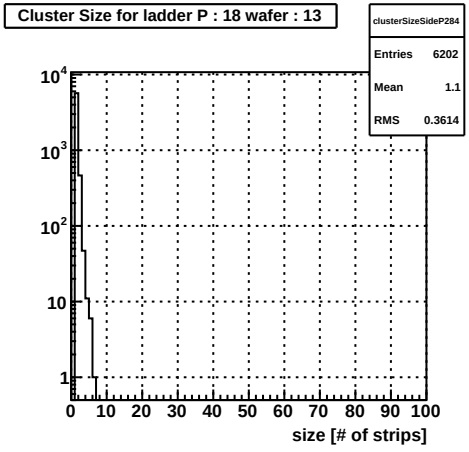

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2281
Mean 1.077
RMS 0.3701
size [# of strips]

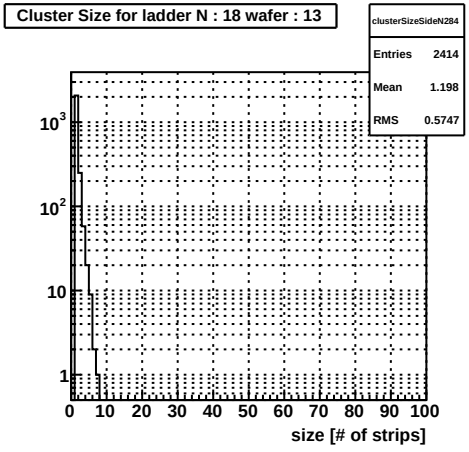

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 8580
Mean 1.236
RMS 0.4796
size [# of strips]

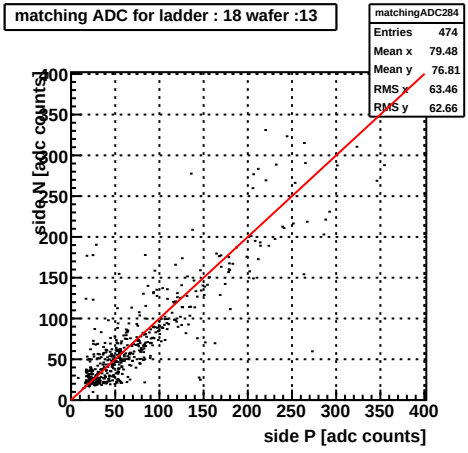

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 333
Mean x 81.14
Mean y 86.85
RMS x 65.86
RMS y 67.8
side N [adc counts]
side P [adc counts]

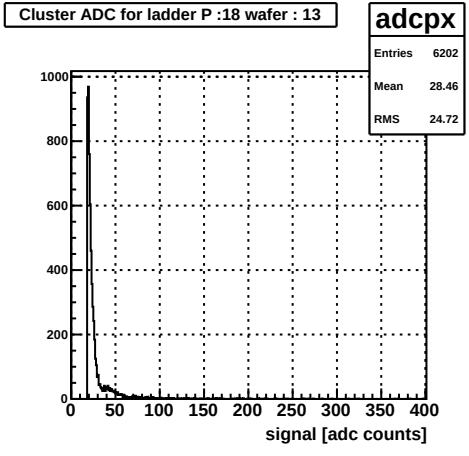

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2281
Mean 32.01
RMS 38.54
signal [adc counts]

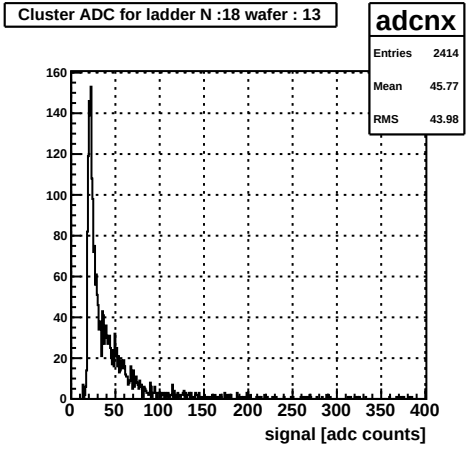

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 8580
Mean 24.79
RMS 24.46
signal [adc counts]

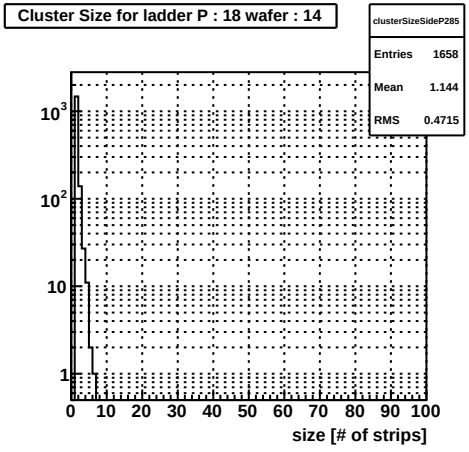

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 6202
Mean 1.1
RMS 0.3614
size [# of strips]

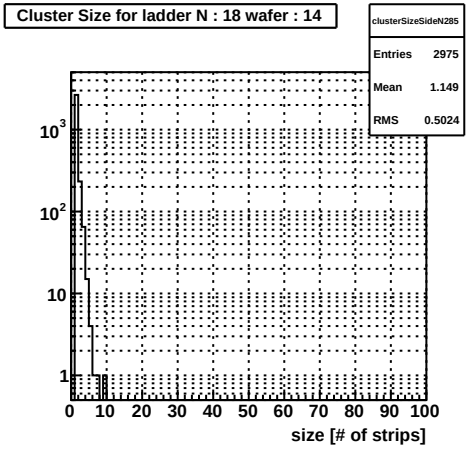

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2414
Mean 1.198
RMS 0.5747
size [# of strips]

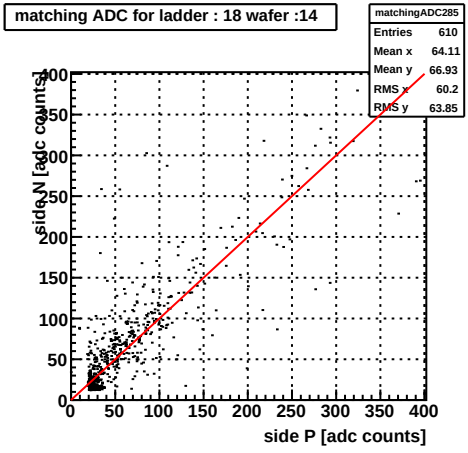

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 474
Mean x 79.48
Mean y 76.81
RMS x 63.46
RMS y 62.66
side N [adc counts]
side P [adc counts]

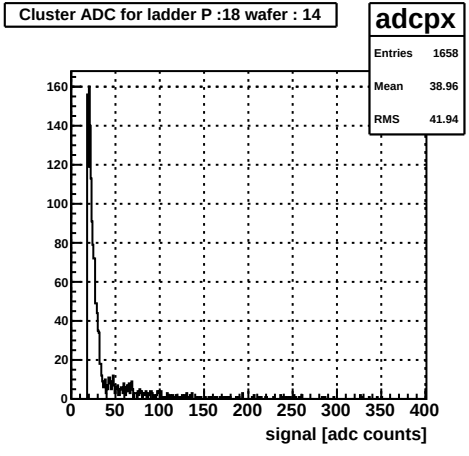

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 6202
Mean 28.46
RMS 24.72
signal [adc counts]

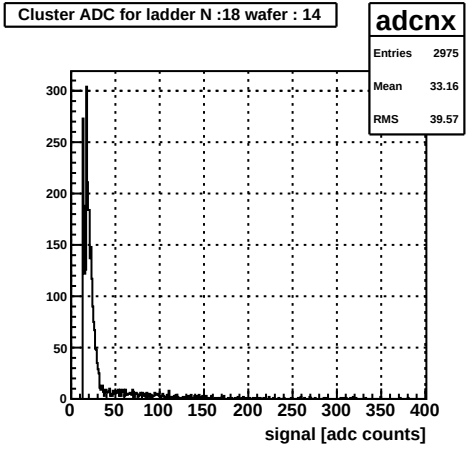

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2414
Mean 45.77
RMS 43.98
signal [adc counts]

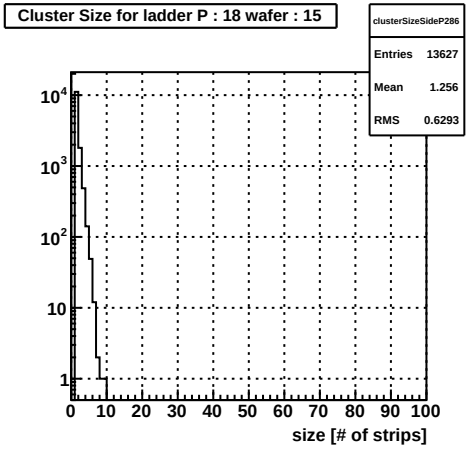

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1658
Mean 1.144
RMS 0.4715
size [# of strips]

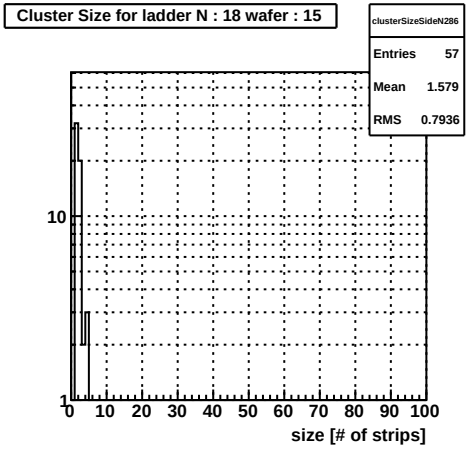

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2975
Mean 1.149
RMS 0.5024
size [# of strips]

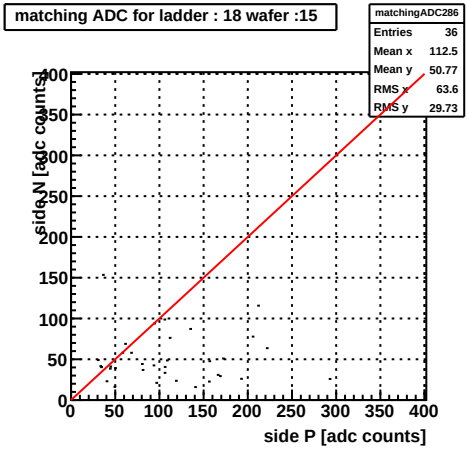

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 610
Mean x 64.11
Mean y 66.93
RMS x 60.2
RMS y 63.85
side N [adc counts]
side P [adc counts]

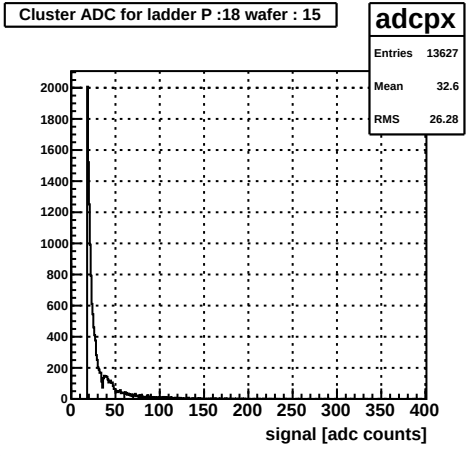

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1658
Mean 38.96
RMS 41.94
signal [adc counts]

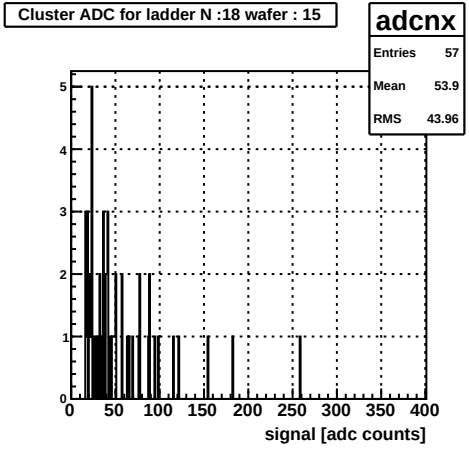

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2975
Mean 33.16
RMS 39.57
signal [adc counts]

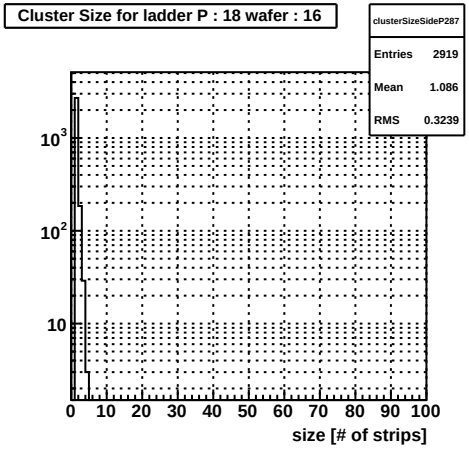

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 13627
Mean 1.256
RMS 0.6293
size [# of strips]

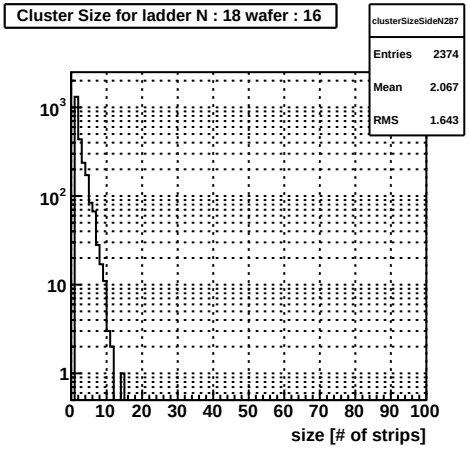

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 57
Mean 1.579
RMS 0.7936
size [# of strips]

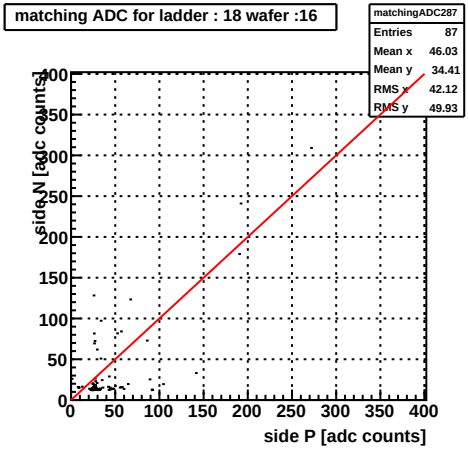

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 36
Mean x 112.5
Mean y 50.77
RMS x 63.6
RMS y 29.73
side N [adc counts]
side P [adc counts]

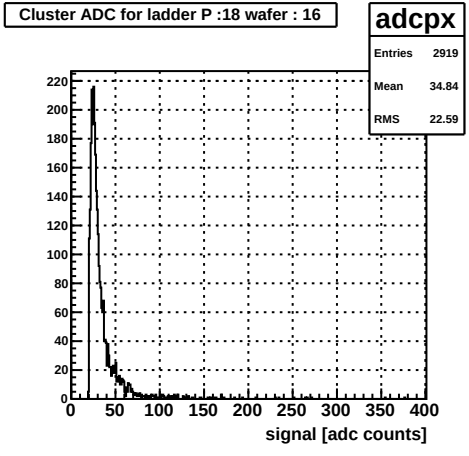

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 13627
Mean 32.6
RMS 26.28
signal [adc counts]

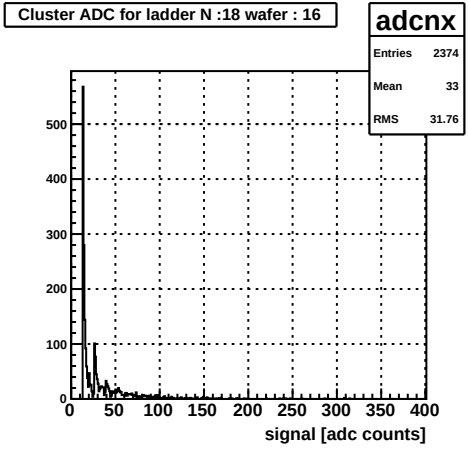

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 57
Mean 53.9
RMS 43.96
signal [adc counts]

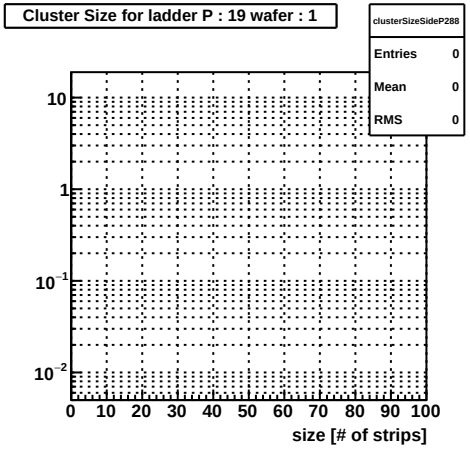

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2919
Mean 1.086
RMS 0.3239
size [# of strips]

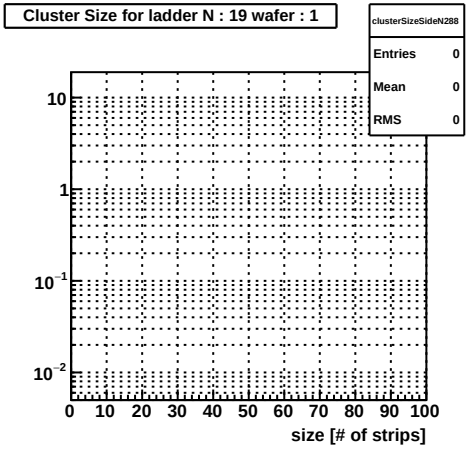

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2374
Mean 2.067
RMS 1.643
size [# of strips]

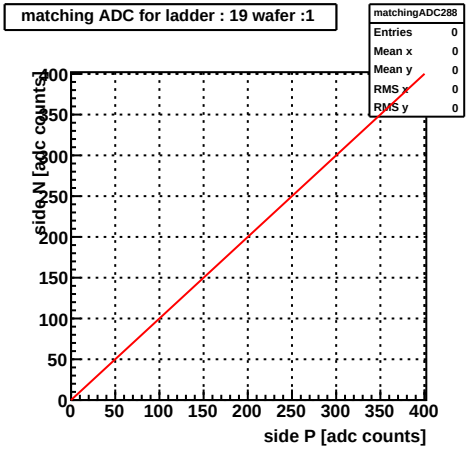

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 87
Mean x 46.03
Mean y 34.41
RMS x 42.12
RMS y 49.93
side N [adc counts]
side P [adc counts]

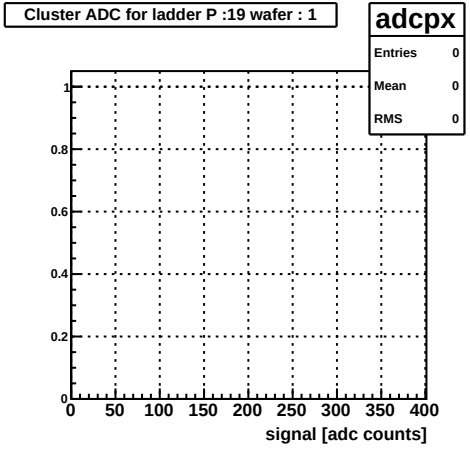

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2919
Mean 34.84
RMS 22.59
signal [adc counts]

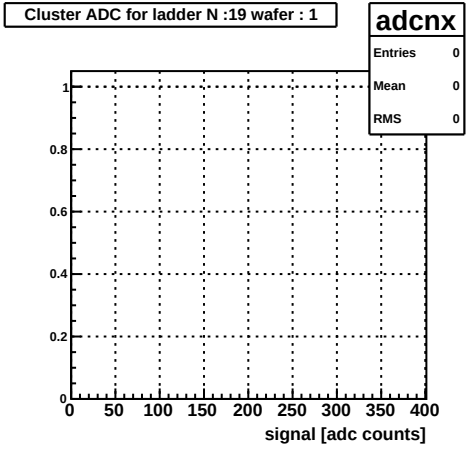

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2374
Mean 33
RMS 31.76
signal [adc counts]

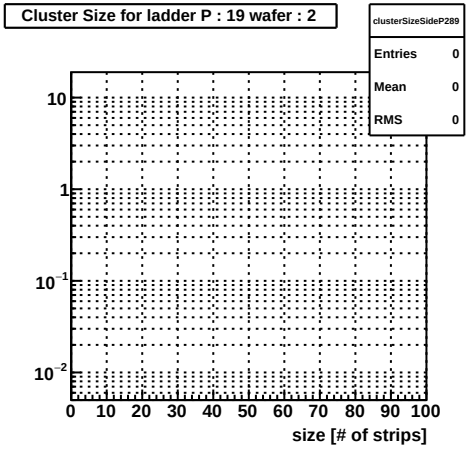

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

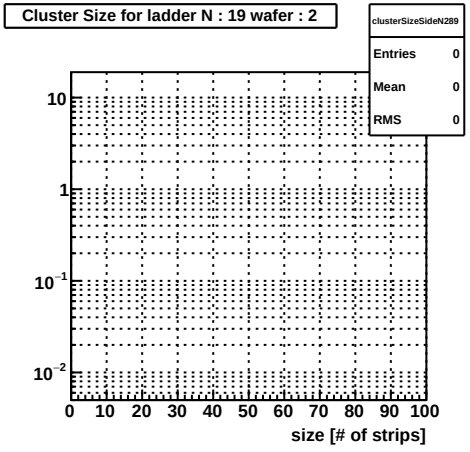

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

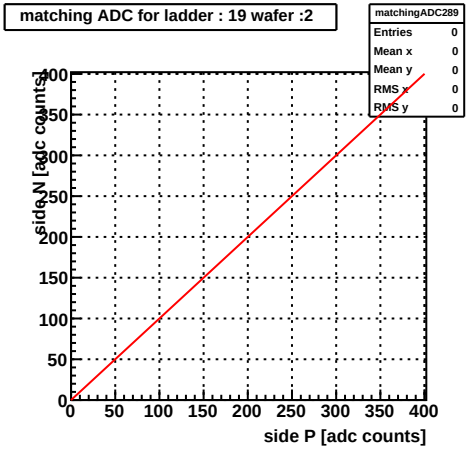

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

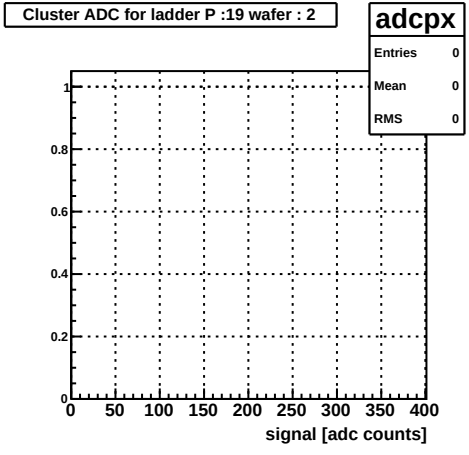

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

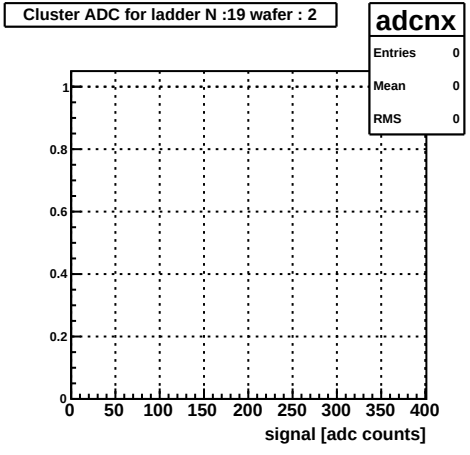

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

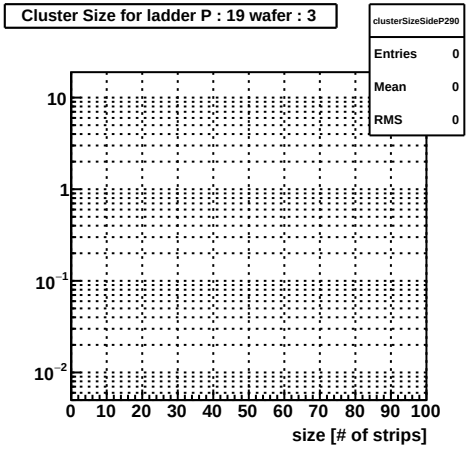

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

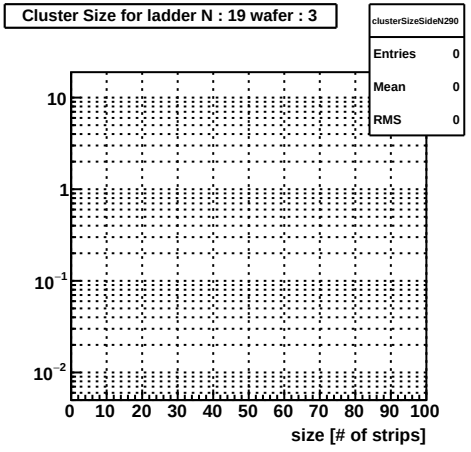

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

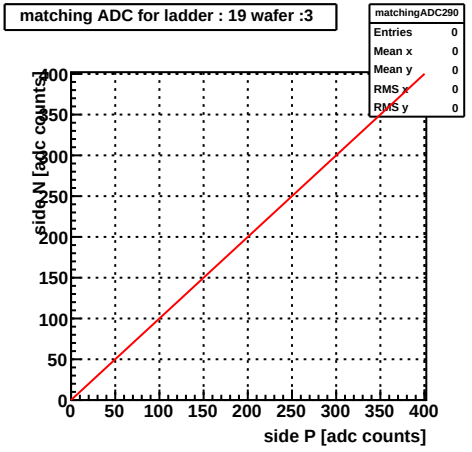

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

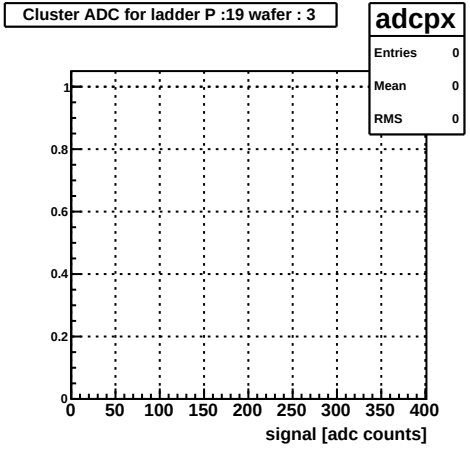

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

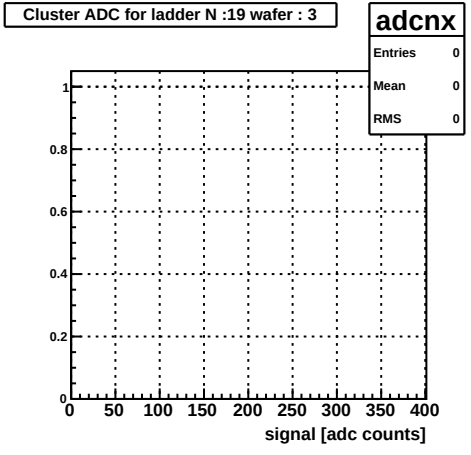

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

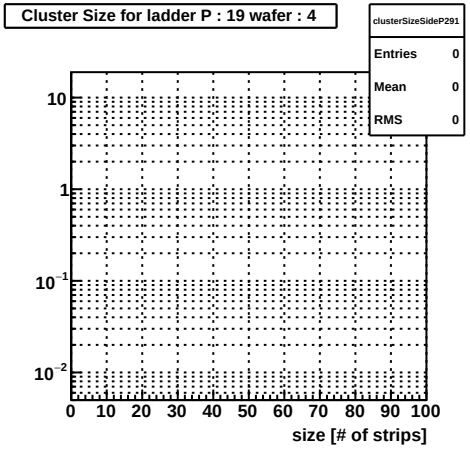

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

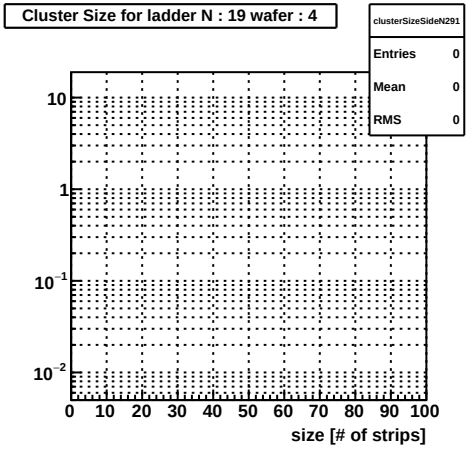

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

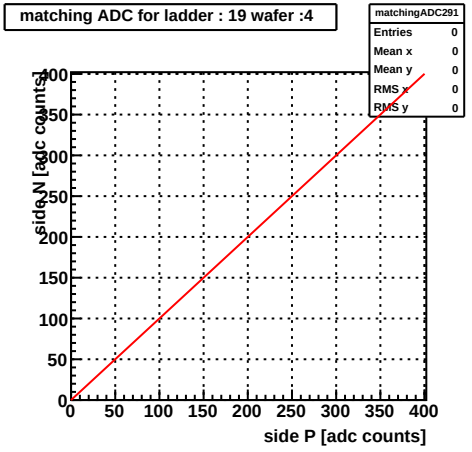

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

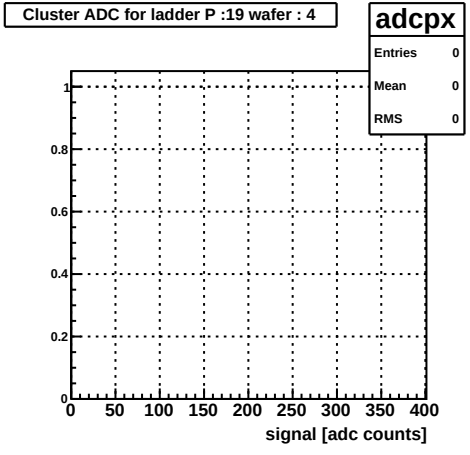

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

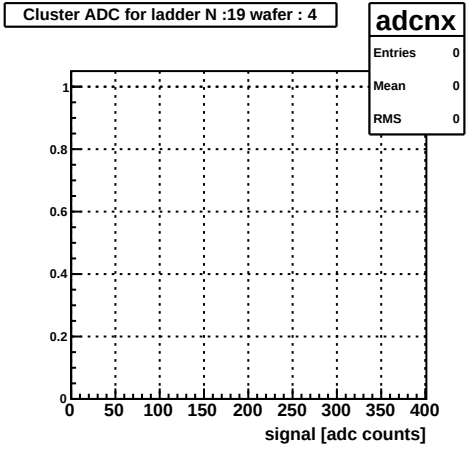

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

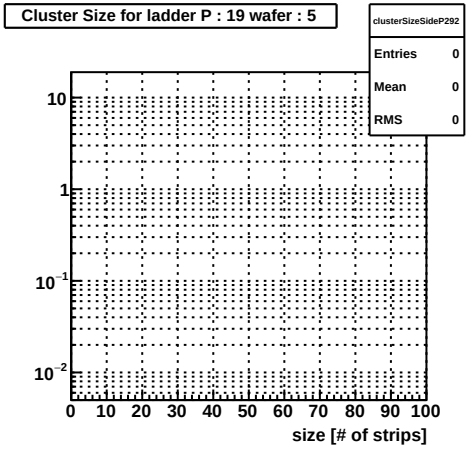

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

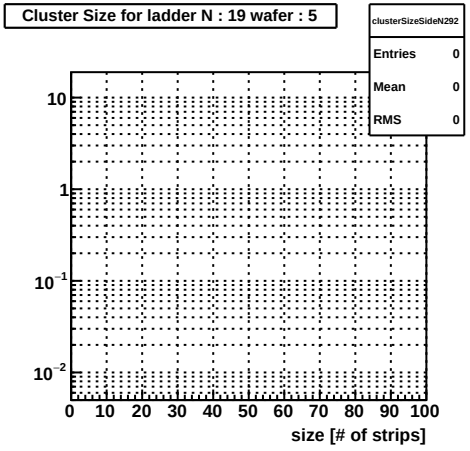

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

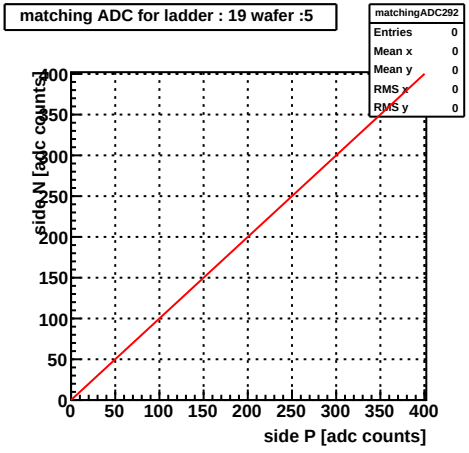

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

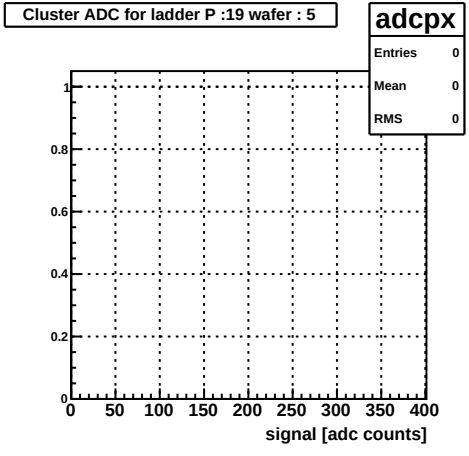

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

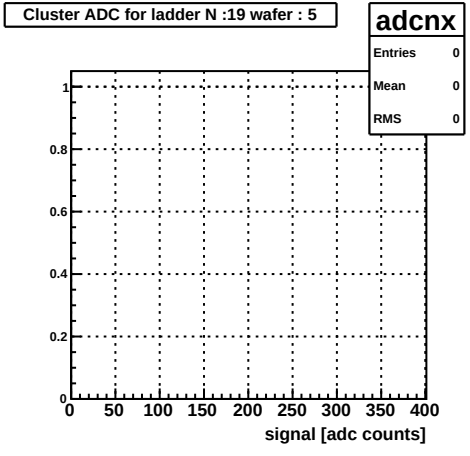

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

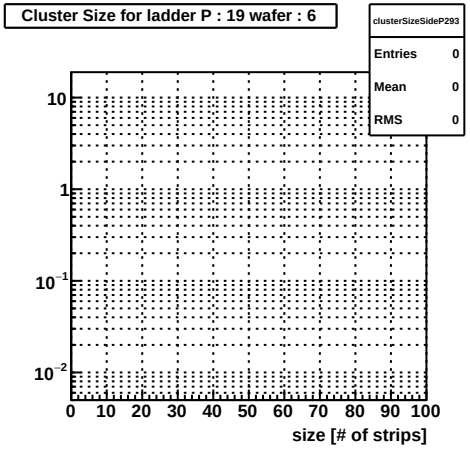

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

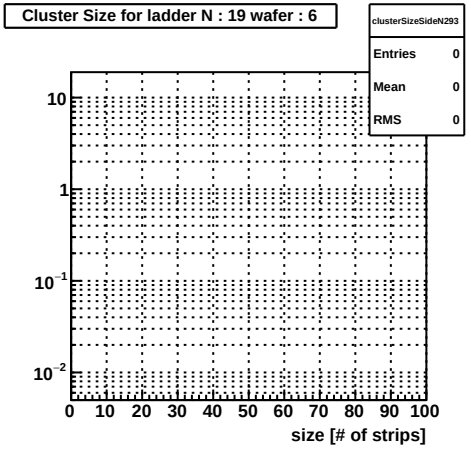

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

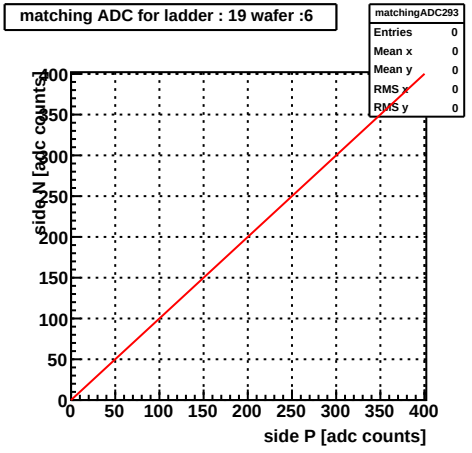

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

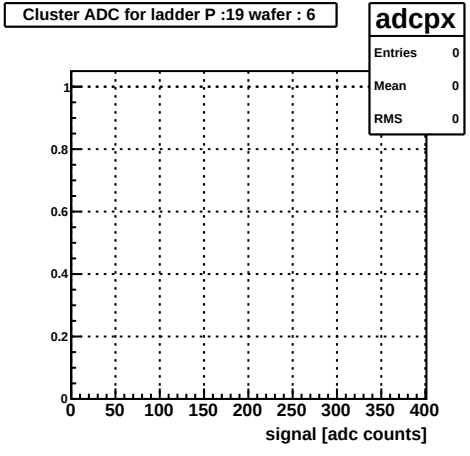

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

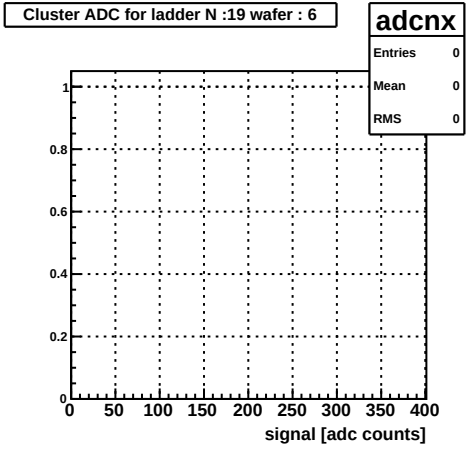

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

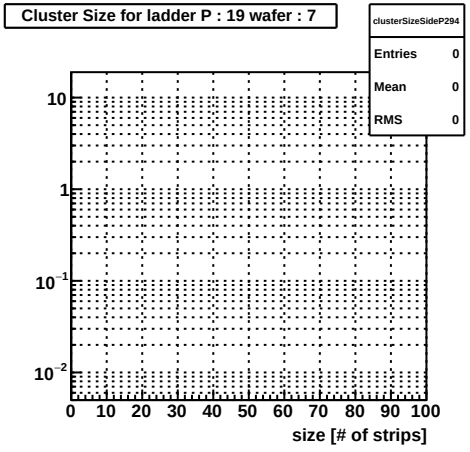

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

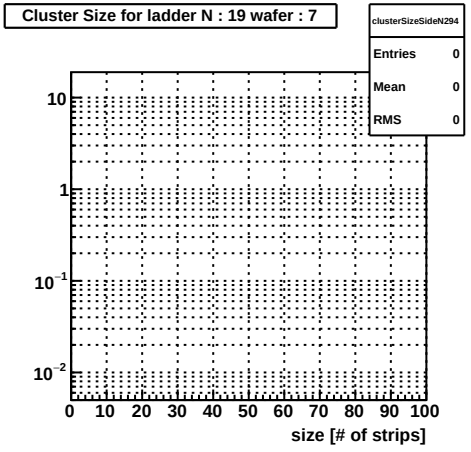

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

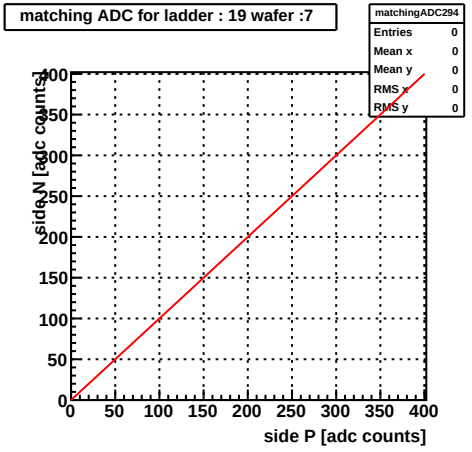

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

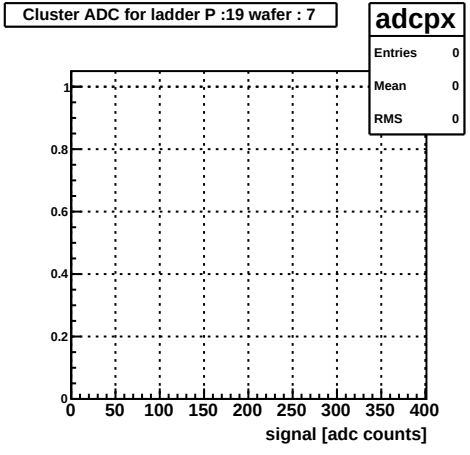

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

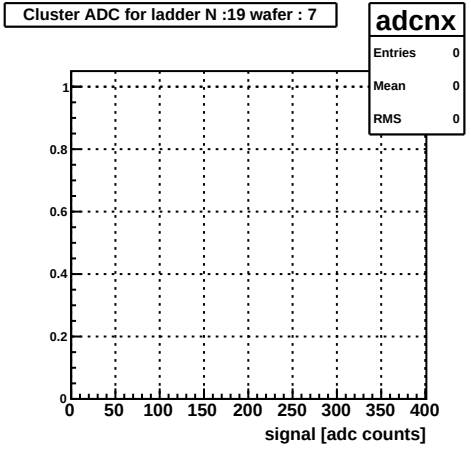

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

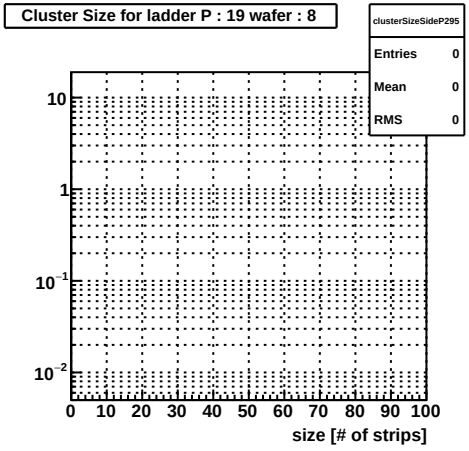

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

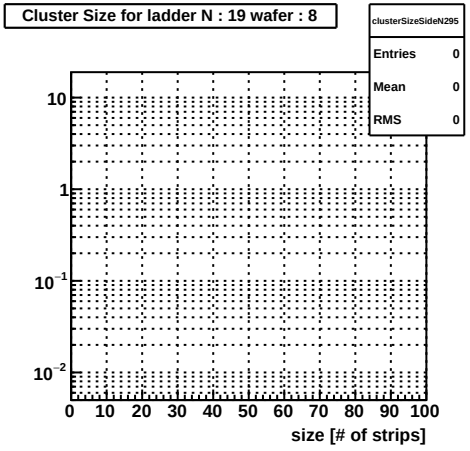

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

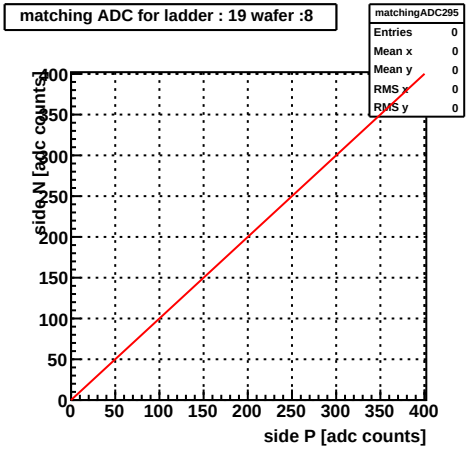

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

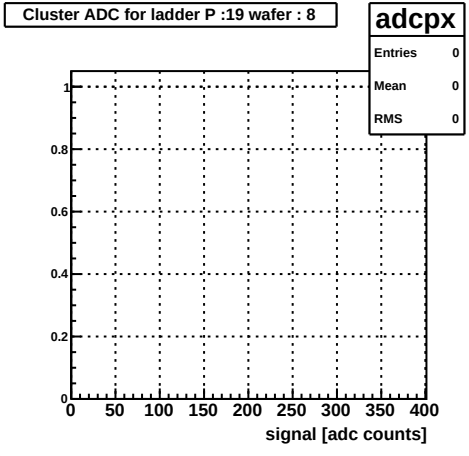

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

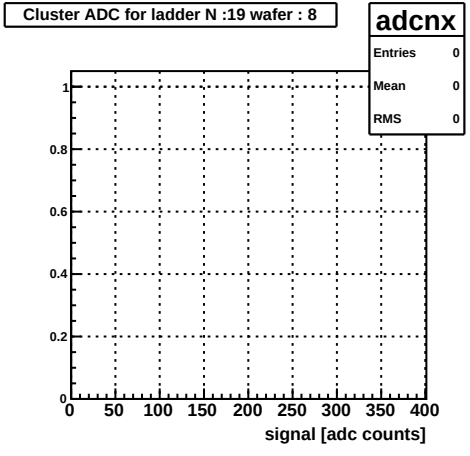

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

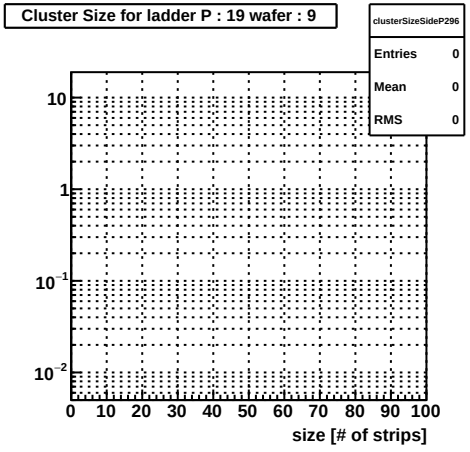

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

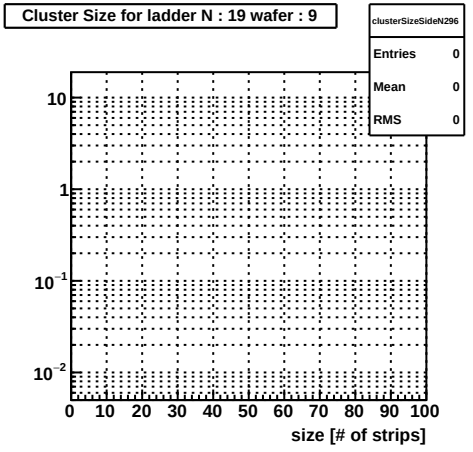

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

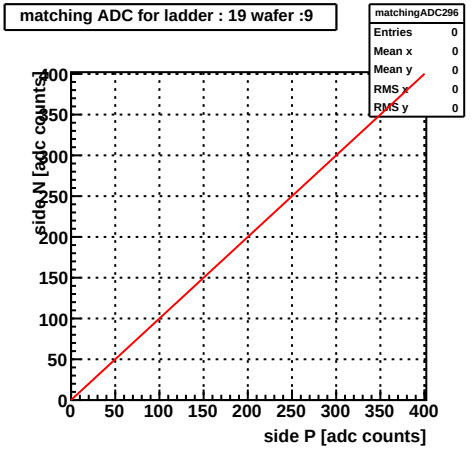

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

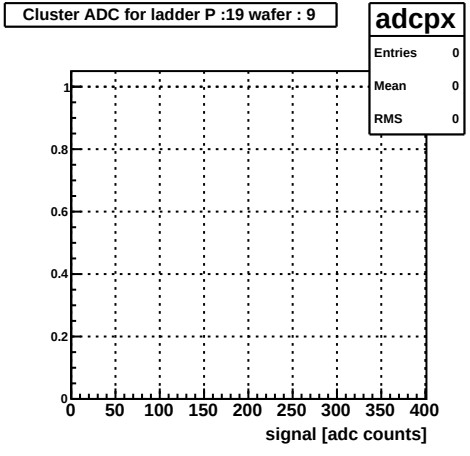

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

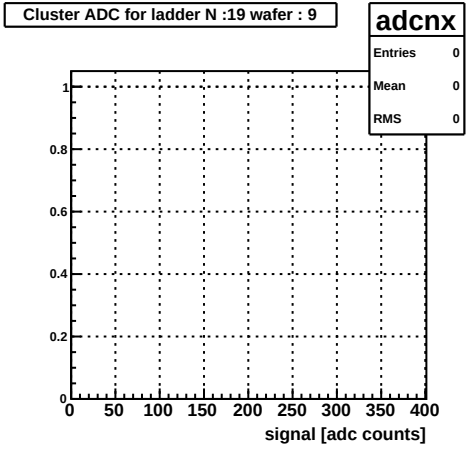

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

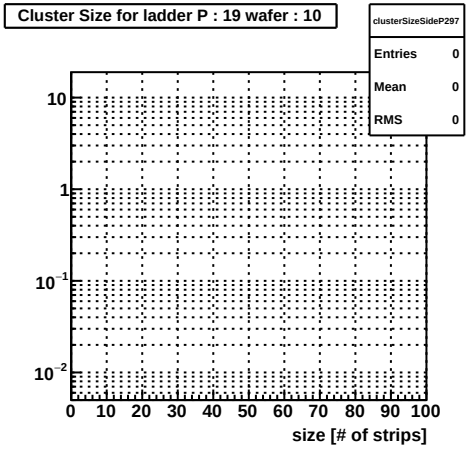

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

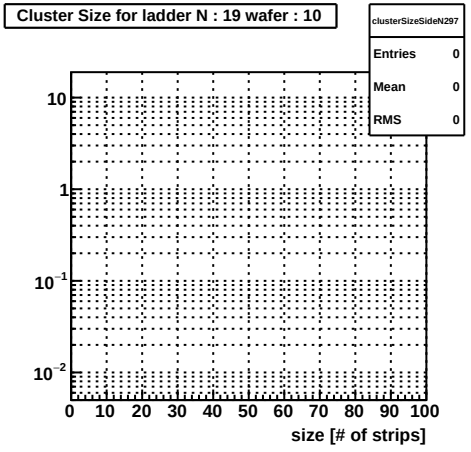

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

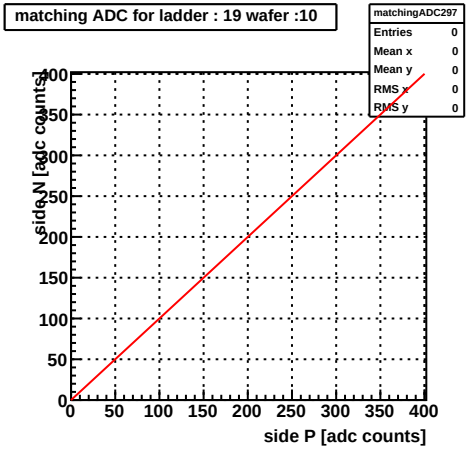

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

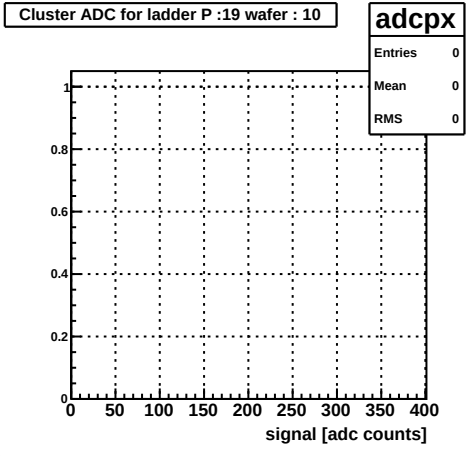

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

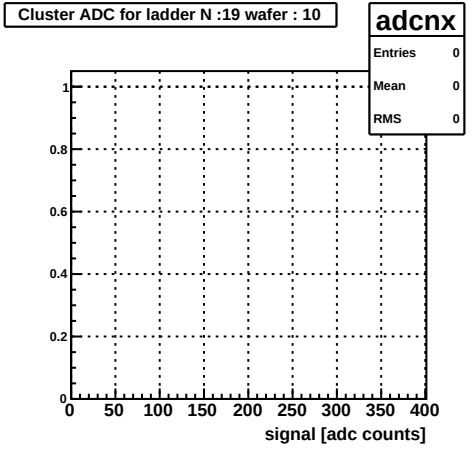

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

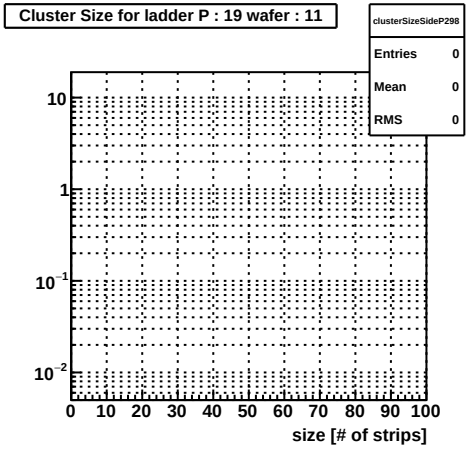

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

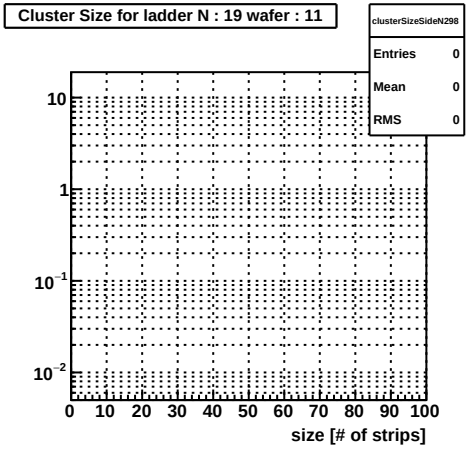

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

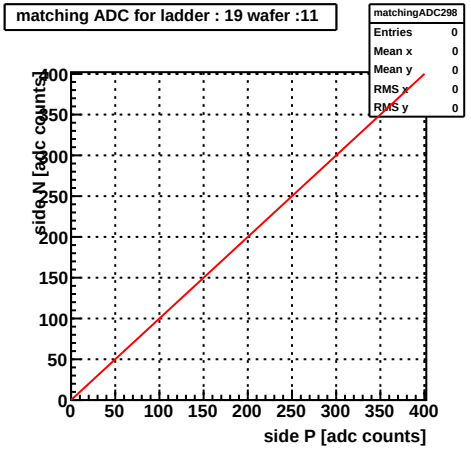

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

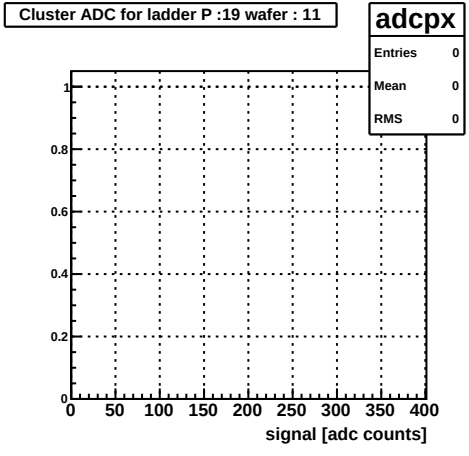

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

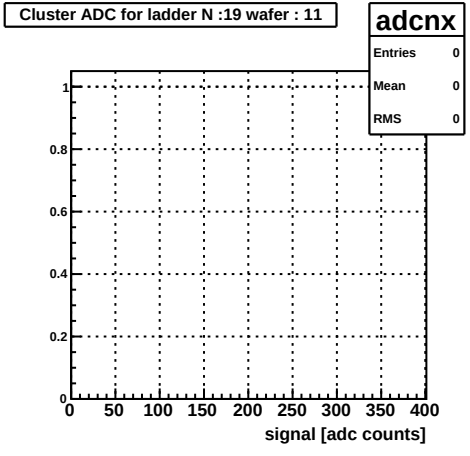

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

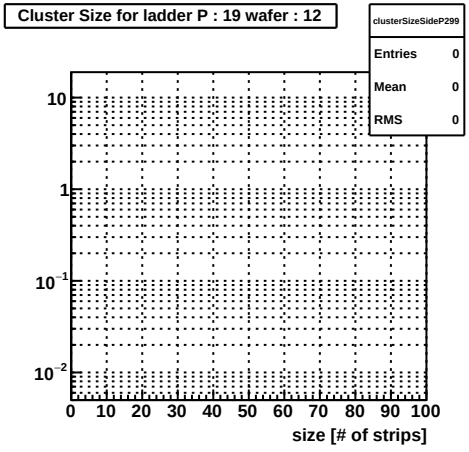

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

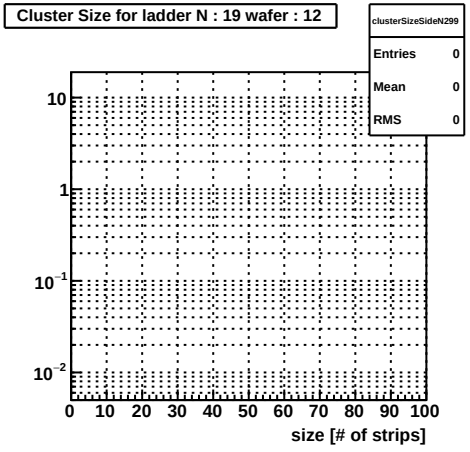

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

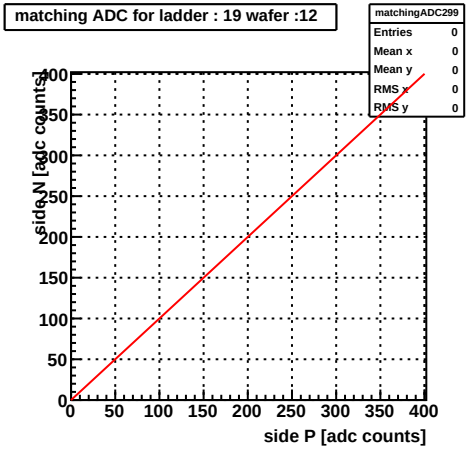

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

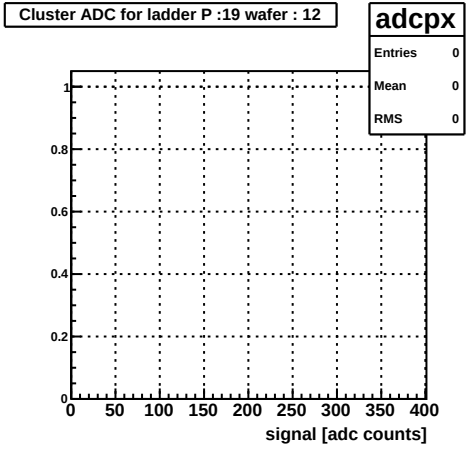

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

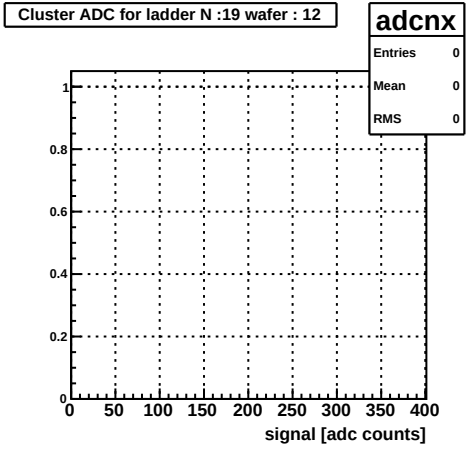

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

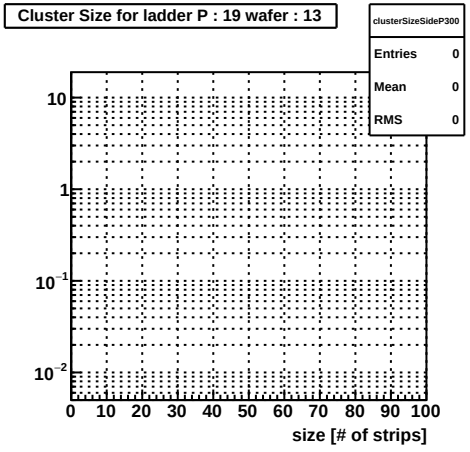

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

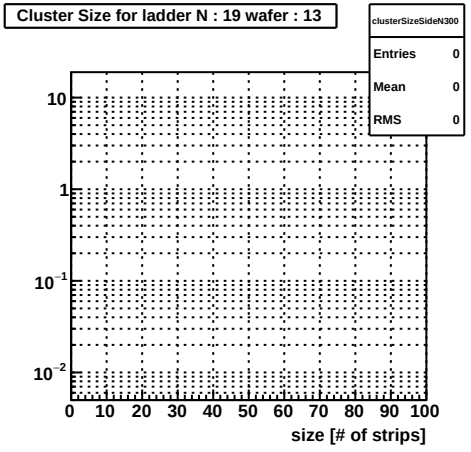

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

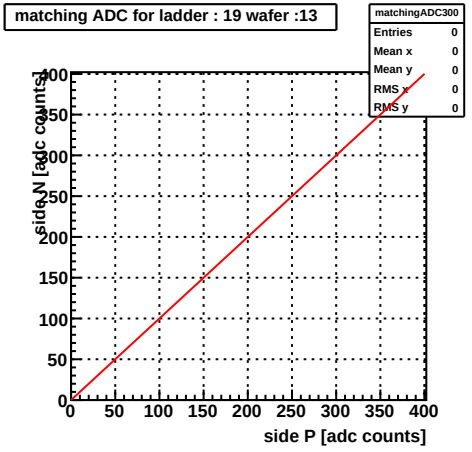

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

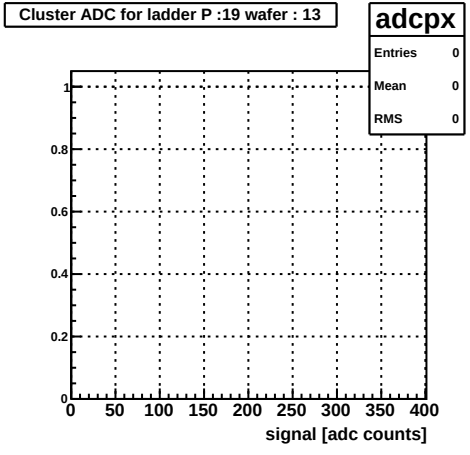

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

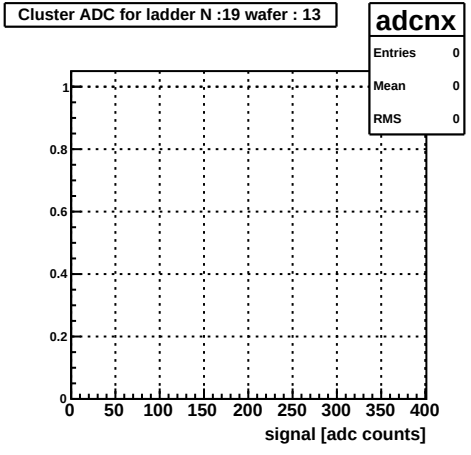

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

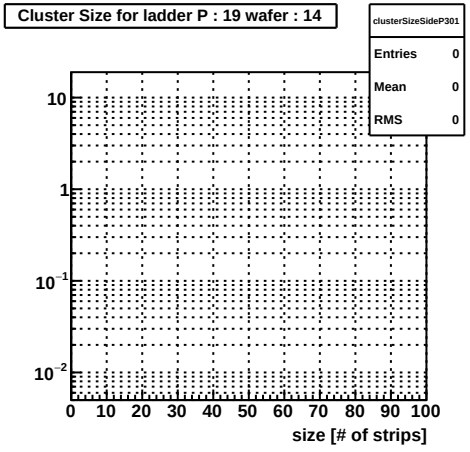

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

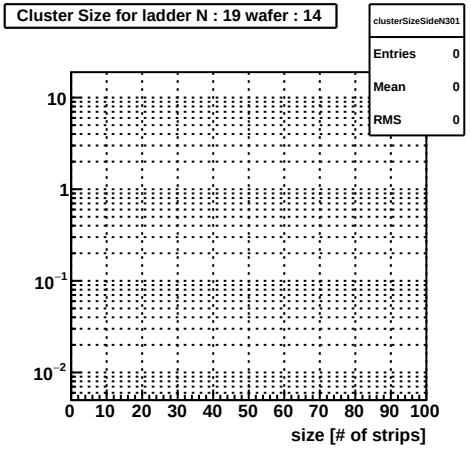

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

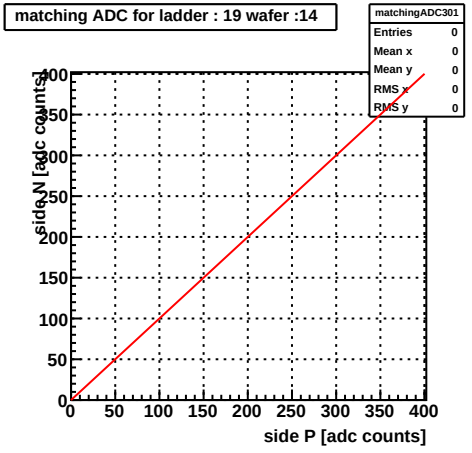

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

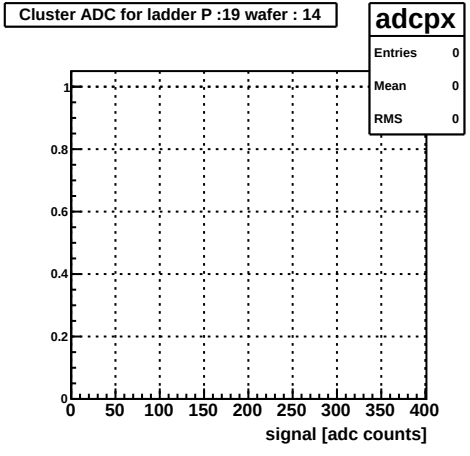

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

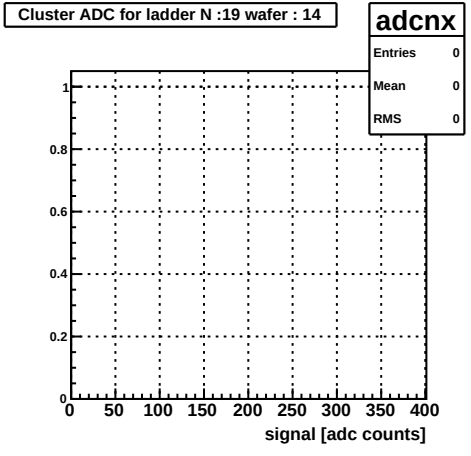

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

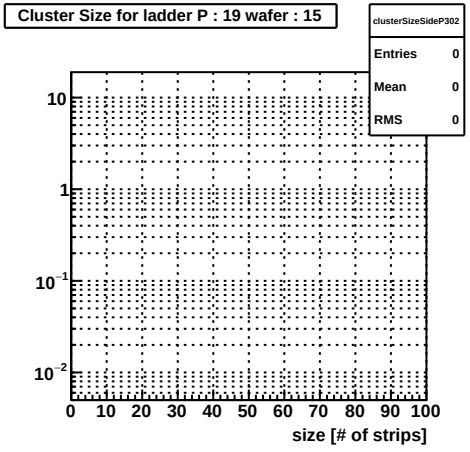

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

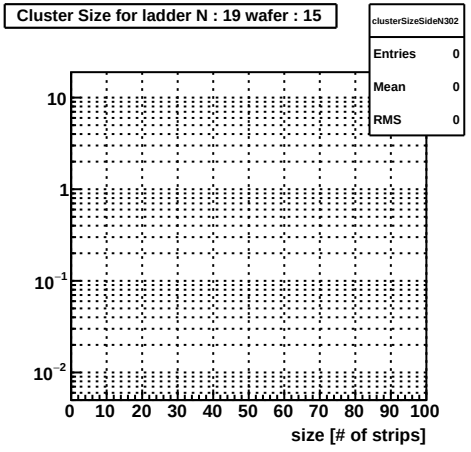

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

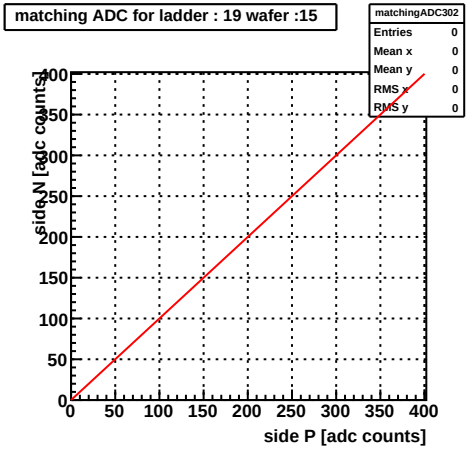

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

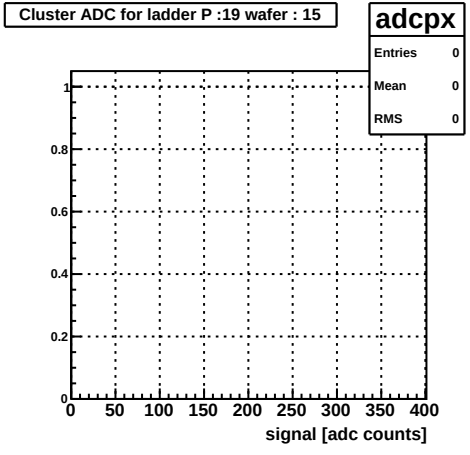

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

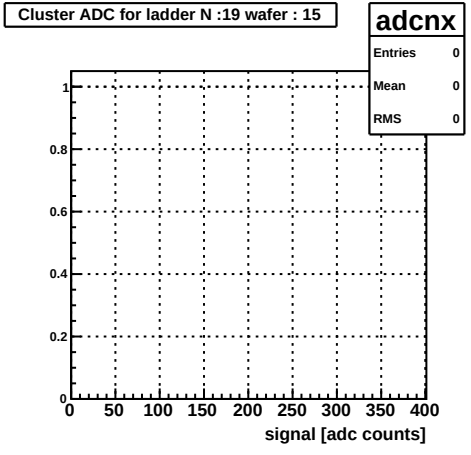

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

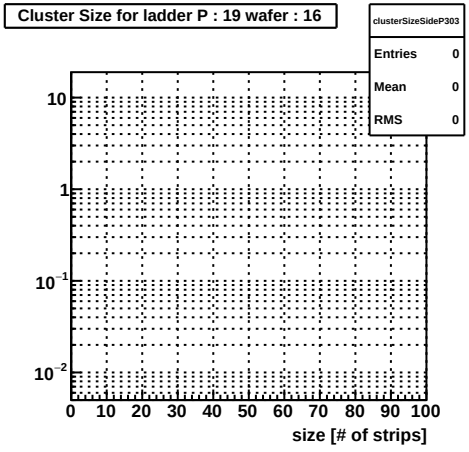

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

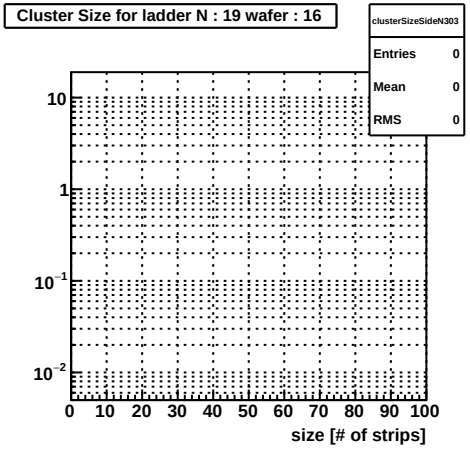

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

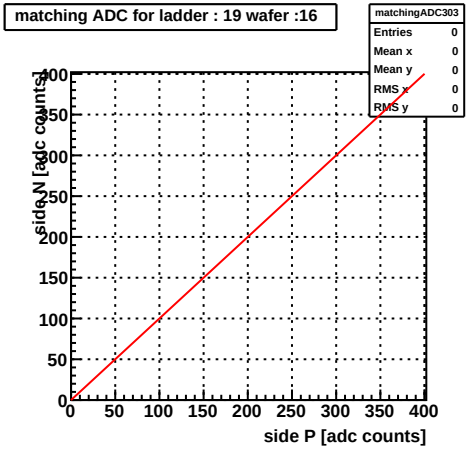

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

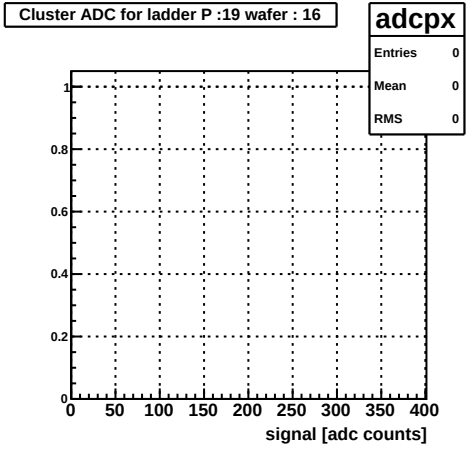

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

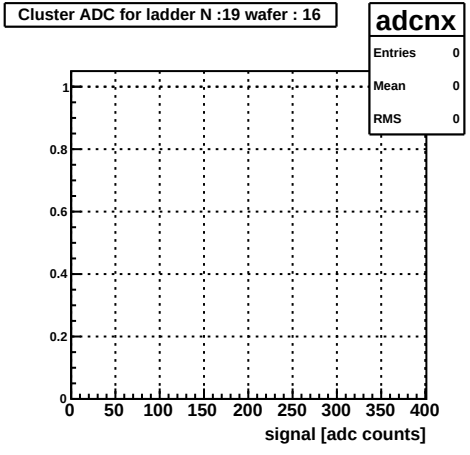

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

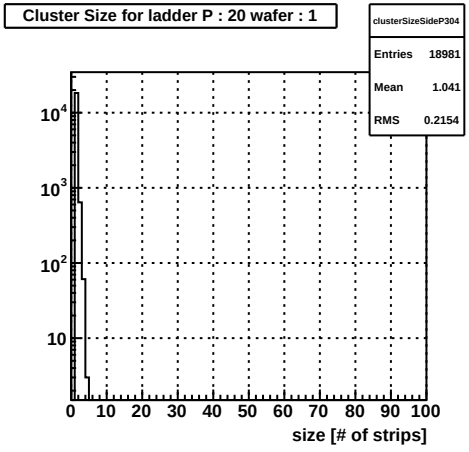

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

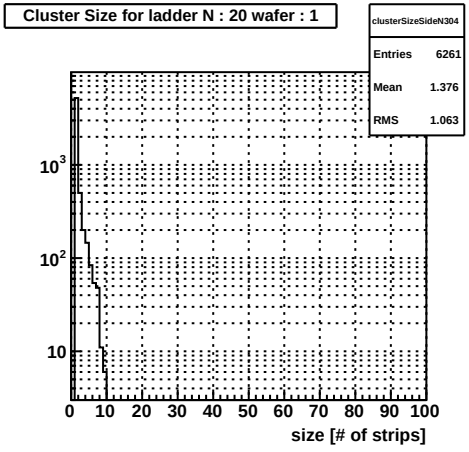

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

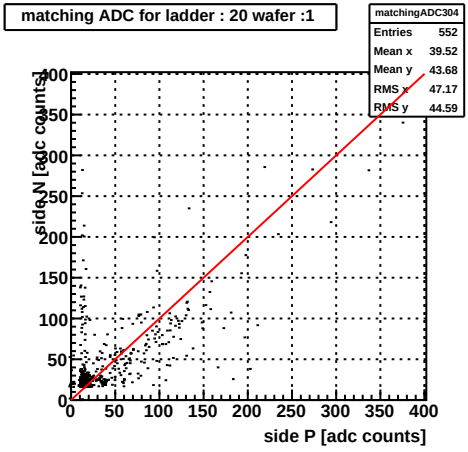

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

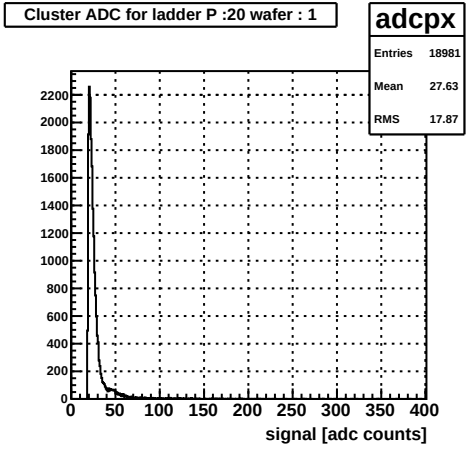

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

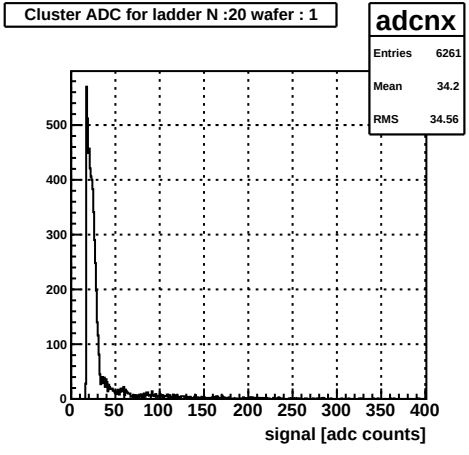

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

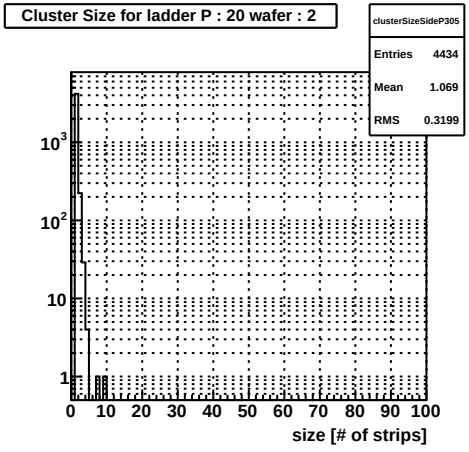

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 18981
Mean 1.041
RMS 0.2154
size [# of strips]

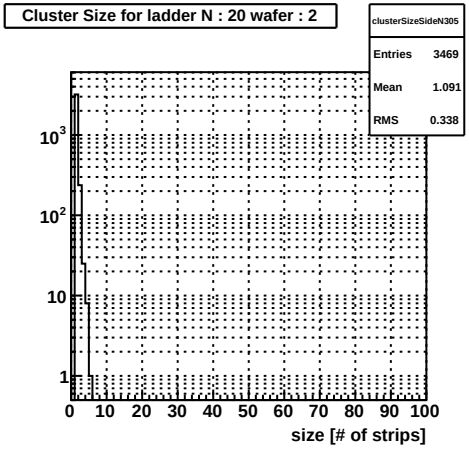

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6261
Mean 1.376
RMS 1.063
size [# of strips]

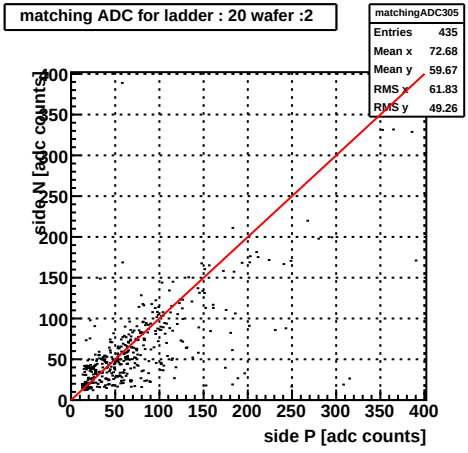

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 552
Mean x 39.52
Mean y 43.68
RMS x 47.17
RMS y 44.59
side N [adc counts]
side P [adc counts]

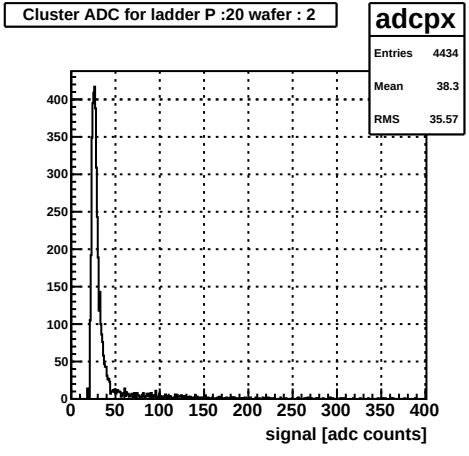

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 18981
Mean 27.63
RMS 17.87
signal [adc counts]

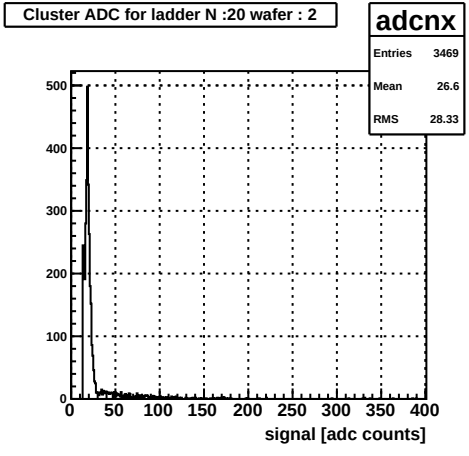

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6261
Mean 34.2
RMS 34.56
signal [adc counts]

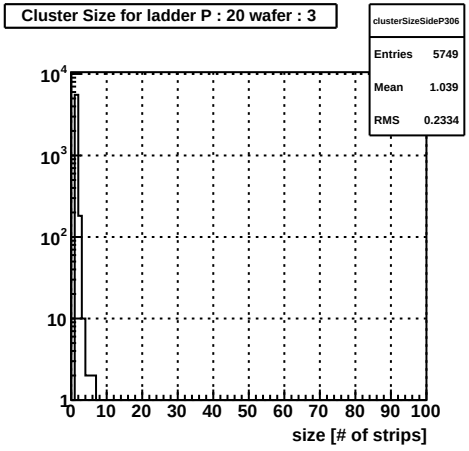

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4434
Mean 1.069
RMS 0.3199
size [# of strips]

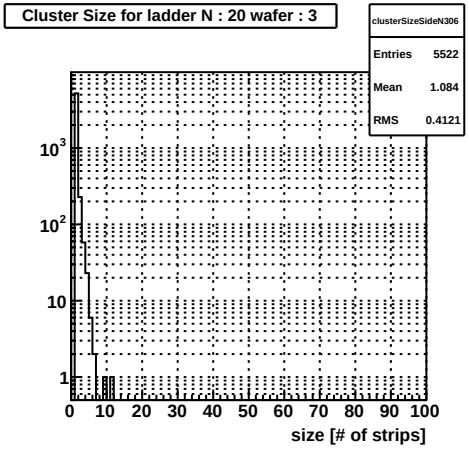

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3469
Mean 1.091
RMS 0.338
size [# of strips]

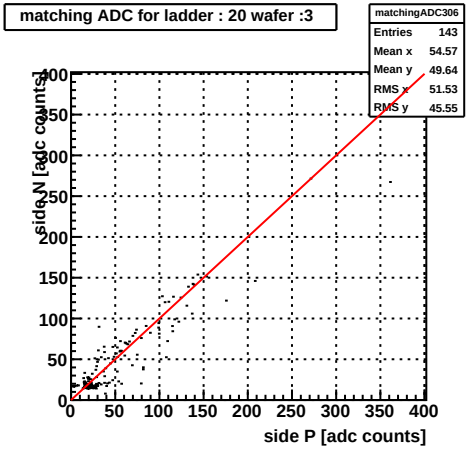

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 435
Mean x 72.68
Mean y 59.67
RMS x 61.83
RMS y 49.26
side N [adc counts]
side P [adc counts]

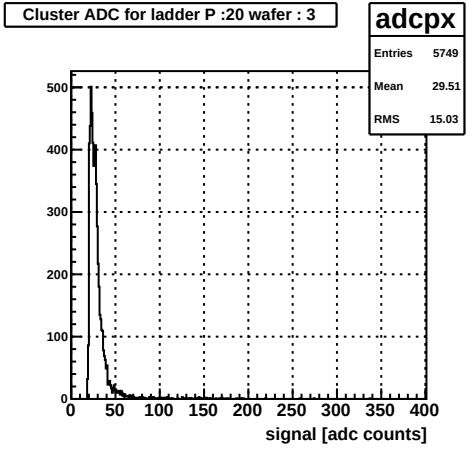

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4434
Mean 38.3
RMS 35.57
signal [adc counts]

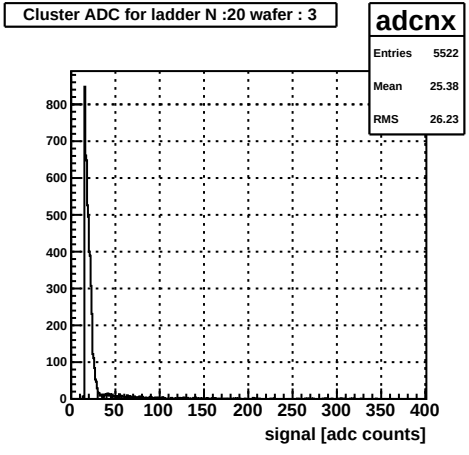

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3469
Mean 26.6
RMS 28.33
signal [adc counts]

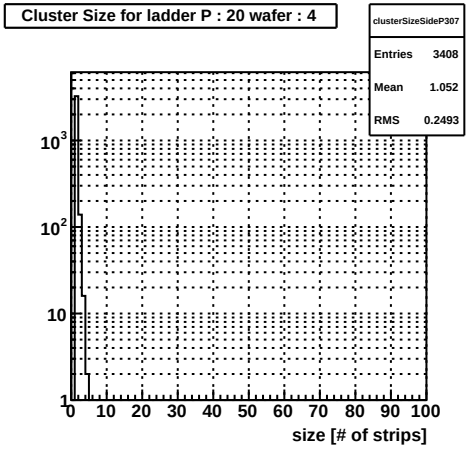

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 5749
Mean 1.039
RMS 0.2334
size [# of strips]

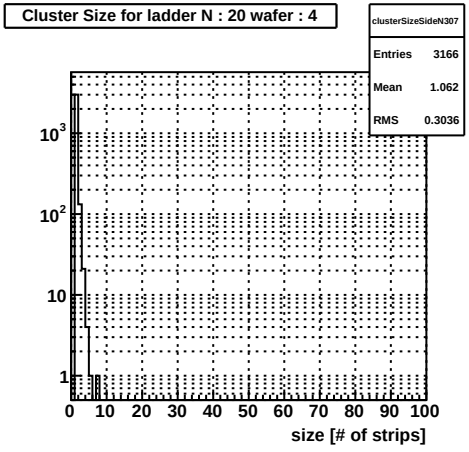

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 5522
Mean 1.084
RMS 0.4121
size [# of strips]

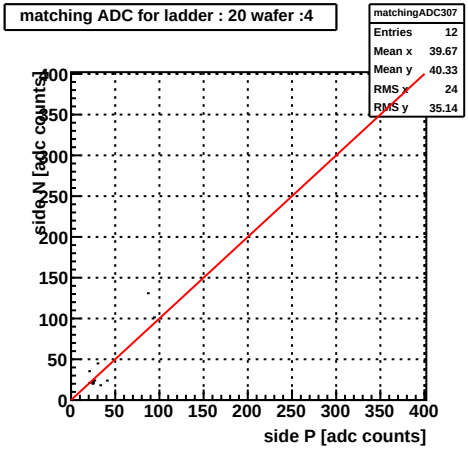

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 143
Mean x 54.57
Mean y 49.64
RMS x 51.53
RMS y 45.55
side N [adc counts]
side P [adc counts]

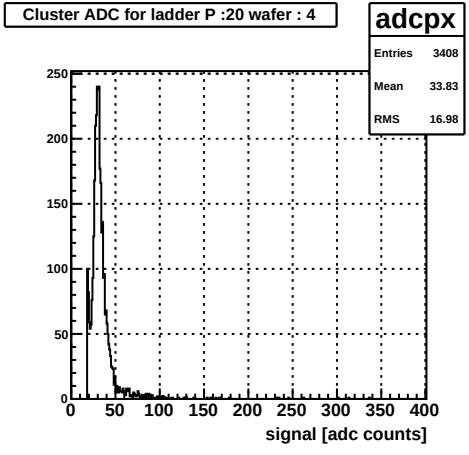

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 5749
Mean 29.51
RMS 15.03
signal [adc counts]

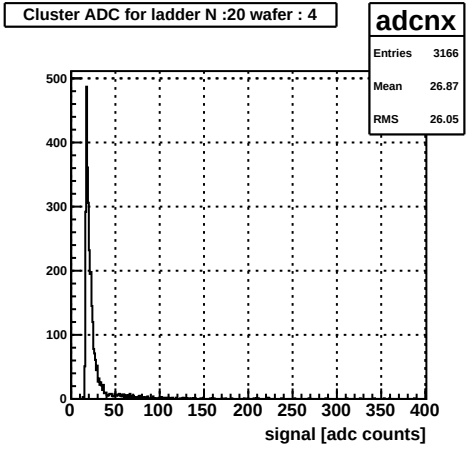

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 5522
Mean 25.38
RMS 26.23
signal [adc counts]

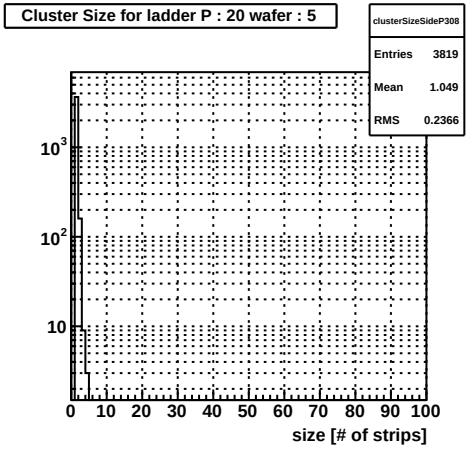

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3408
Mean 1.052
RMS 0.2493
size [# of strips]

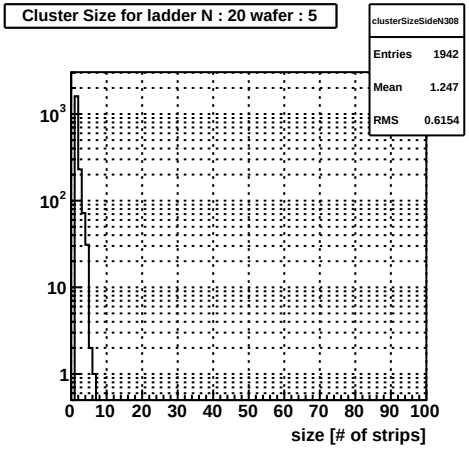

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3166
Mean 1.062
RMS 0.3036
size [# of strips]

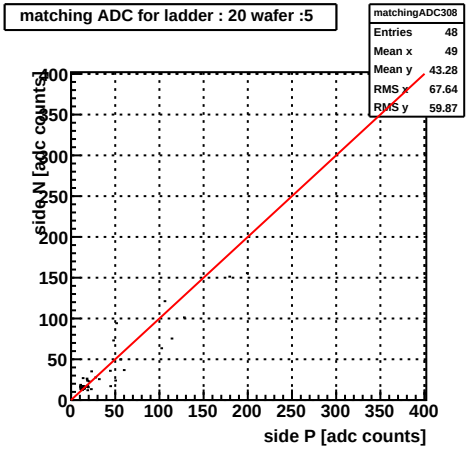

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 12
Mean x 39.67
Mean y 40.33
RMS x 24
RMS y 35.14
side N [adc counts]
side P [adc counts]

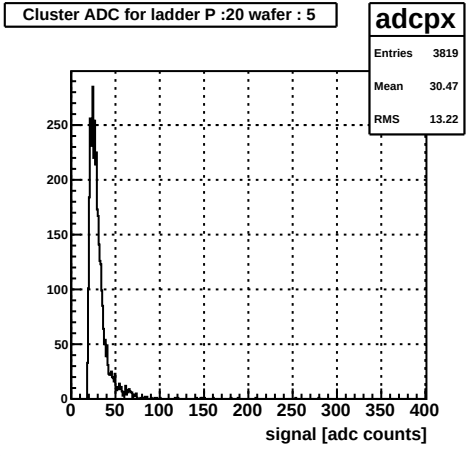

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3408
Mean 33.83
RMS 16.98
signal [adc counts]

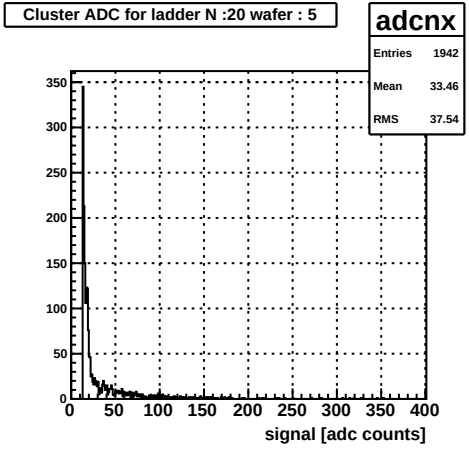

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3166
Mean 26.87
RMS 26.05
signal [adc counts]

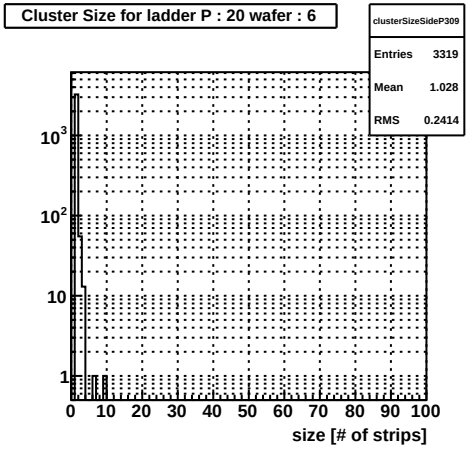

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3819
Mean 1.049
RMS 0.2366
size [# of strips]

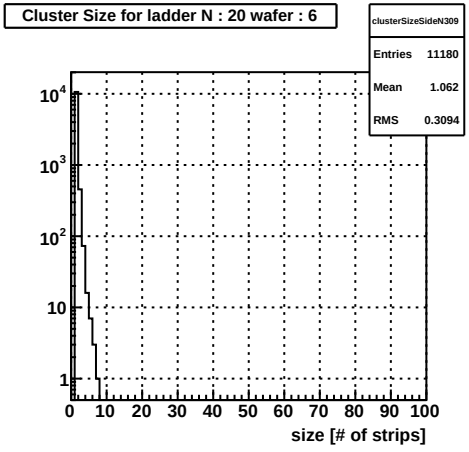

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1942
Mean 1.247
RMS 0.6154
size [# of strips]

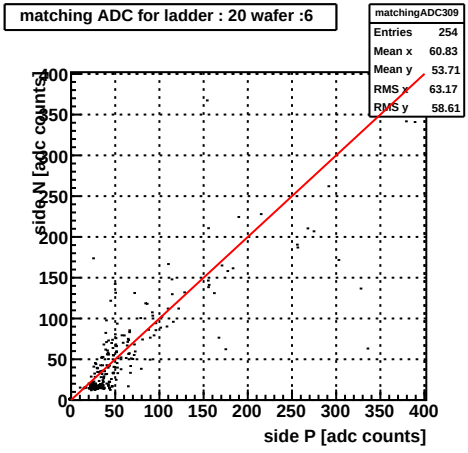

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 48
Mean x 49
Mean y 43.28
RMS x 67.64
RMS y 59.87
side N [adc counts]
side P [adc counts]

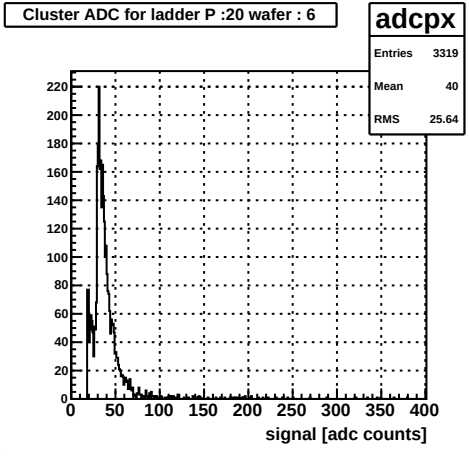

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3819
Mean 30.47
RMS 13.22
signal [adc counts]

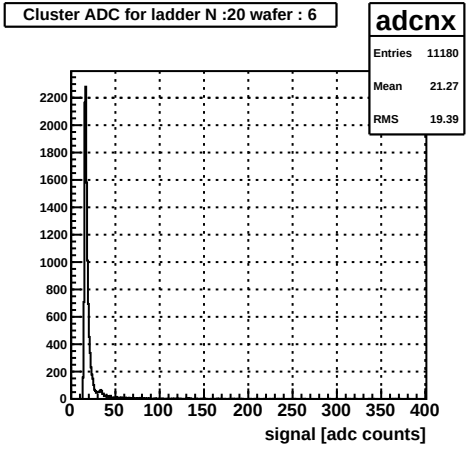

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1942
Mean 33.46
RMS 37.54
signal [adc counts]

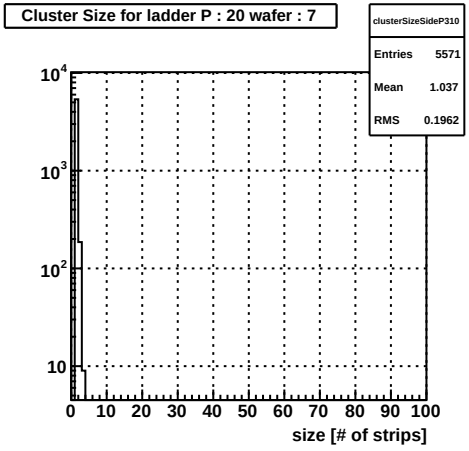

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3319
Mean 1.028
RMS 0.2414
size [# of strips]

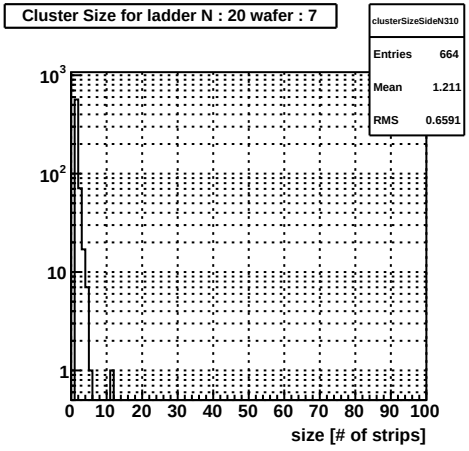

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 11180
Mean 1.062
RMS 0.3094
size [# of strips]

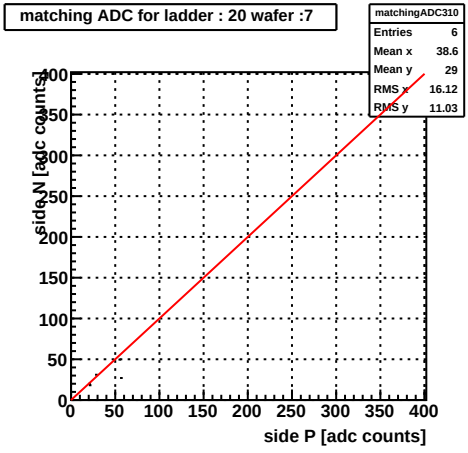

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 254
Mean x 60.83
Mean y 53.71
RMS x 63.17
RMS y 58.61
side N [adc counts]
side P [adc counts]

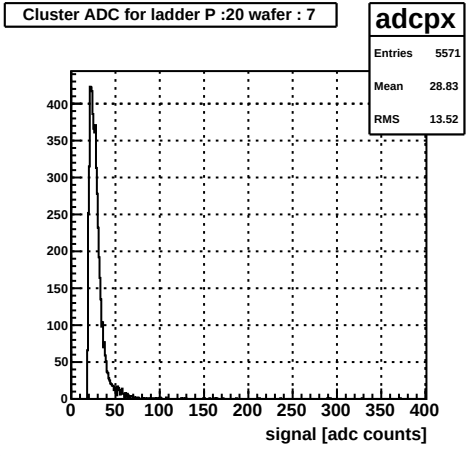

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3319
Mean 40
RMS 25.64
signal [adc counts]

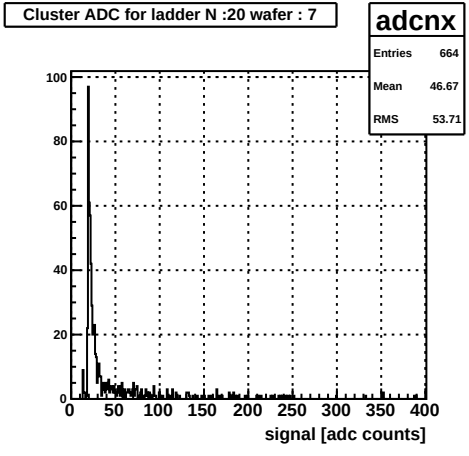

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 11180
Mean 21.27
RMS 19.39
signal [adc counts]

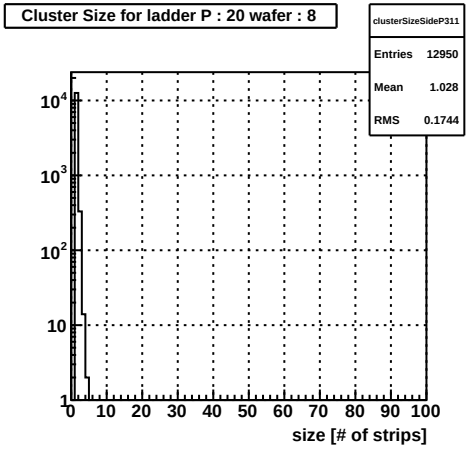

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 5571
Mean 1.037
RMS 0.1962
size [# of strips]

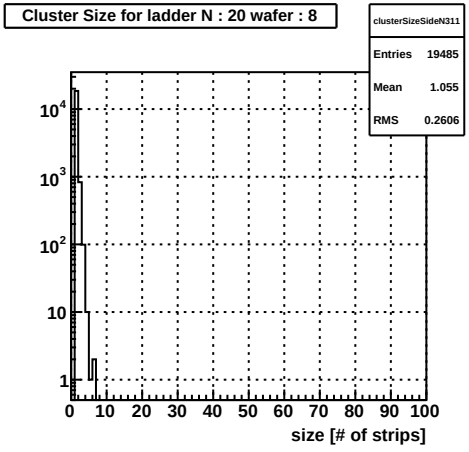

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 664
Mean 1.211
RMS 0.6591
size [# of strips]

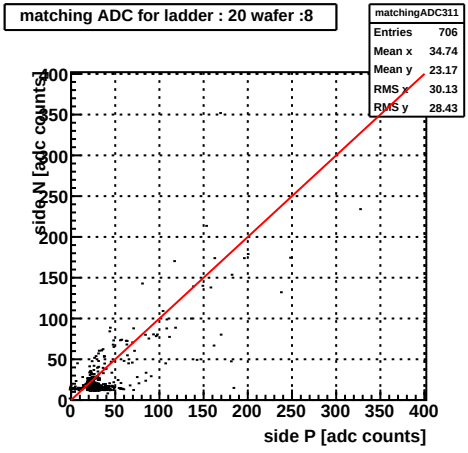

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 6
Mean x 38.6
Mean y 29
RMS x 16.12
RMS y 11.03
side N [adc counts]
side P [adc counts]

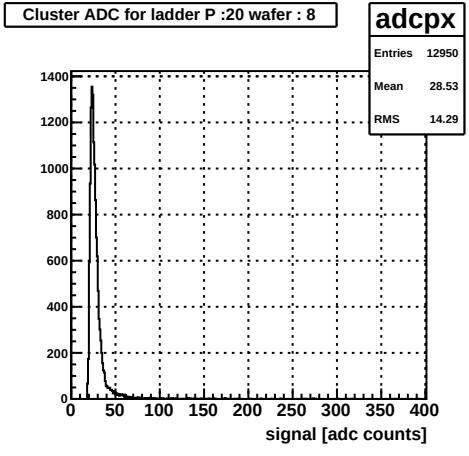

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 5571
Mean 28.83
RMS 13.52
signal [adc counts]

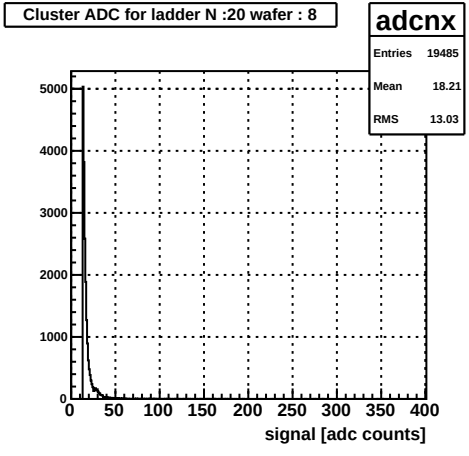

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 664
Mean 46.67
RMS 53.71
signal [adc counts]

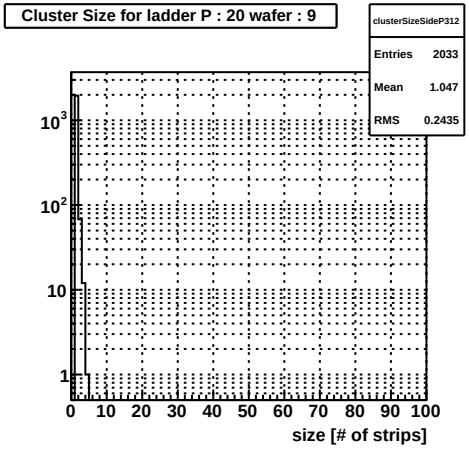

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 12950
Mean 1.028
RMS 0.1744
size [# of strips]

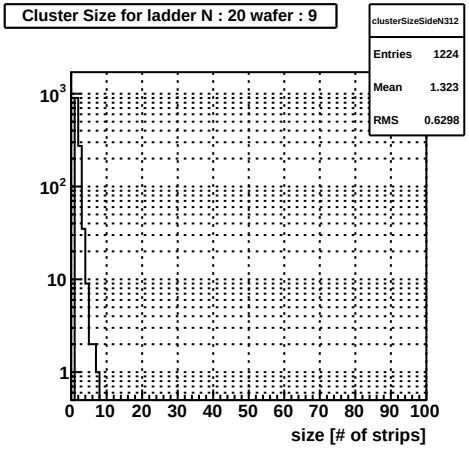

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 19485
Mean 1.055
RMS 0.2606
size [# of strips]

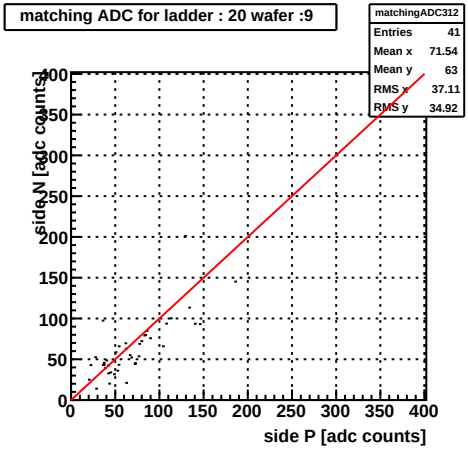

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 706
Mean x 34.74
Mean y 23.17
RMS x 30.13
RMS y 28.43
side N [adc counts]
side P [adc counts]

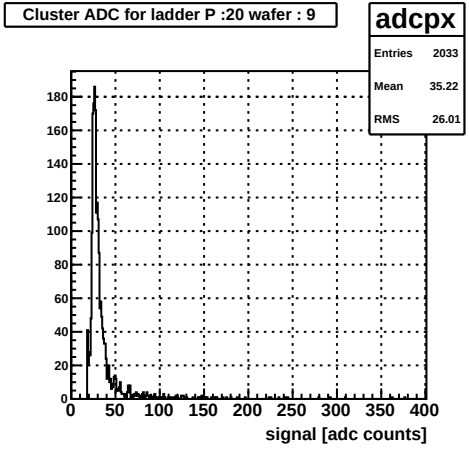

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 12950
Mean 28.53
RMS 14.29
signal [adc counts]

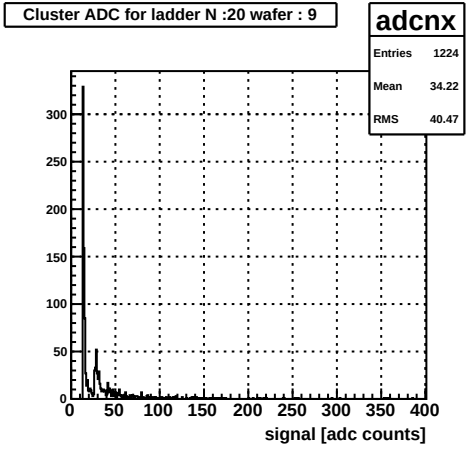

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 19485
Mean 18.21
RMS 13.03
signal [adc counts]

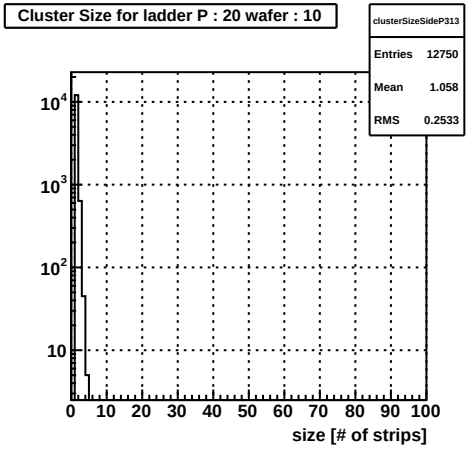

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2033
Mean 1.047
RMS 0.2435
size [# of strips]

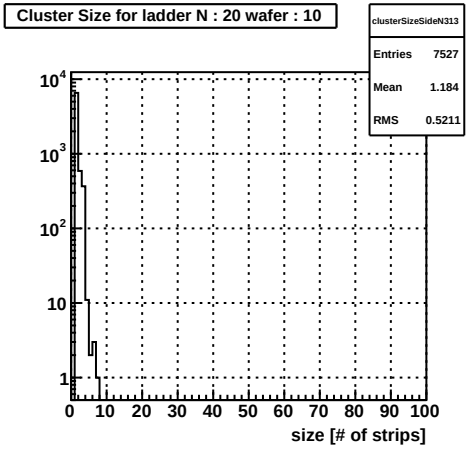

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1224
Mean 1.323
RMS 0.6298
size [# of strips]

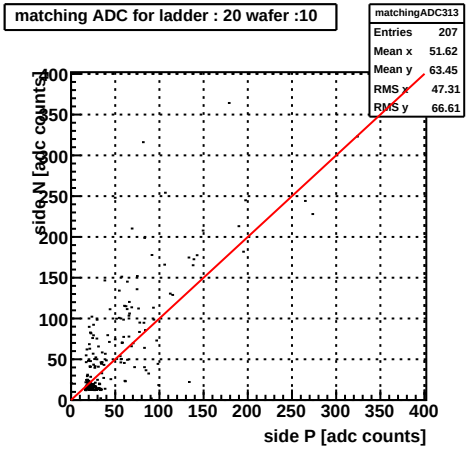

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 41
Mean x 71.54
Mean y 63
RMS x 37.11
RMS y 34.92
side N [adc counts]
side P [adc counts]

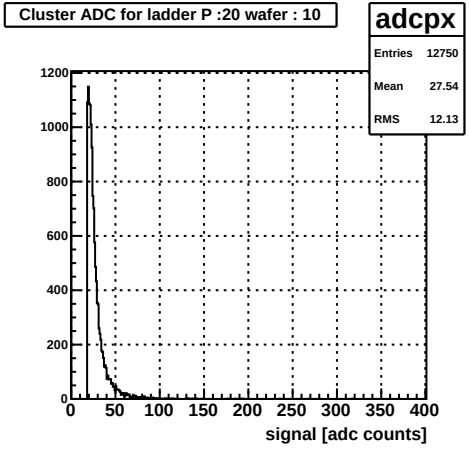

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2033
Mean 35.22
RMS 26.01
signal [adc counts]

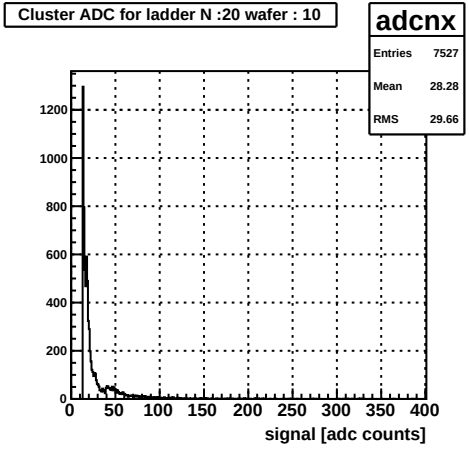

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1224
Mean 34.22
RMS 40.47
signal [adc counts]

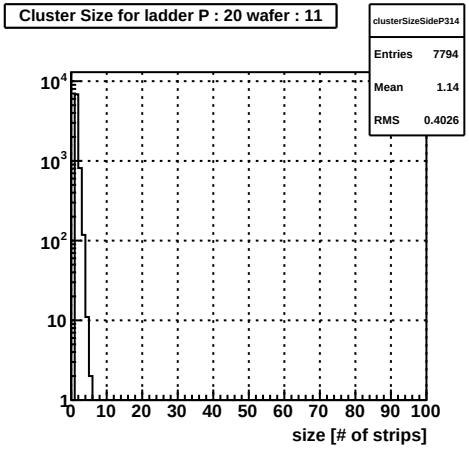

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12750
Mean 1.058
RMS 0.2533
size [# of strips]

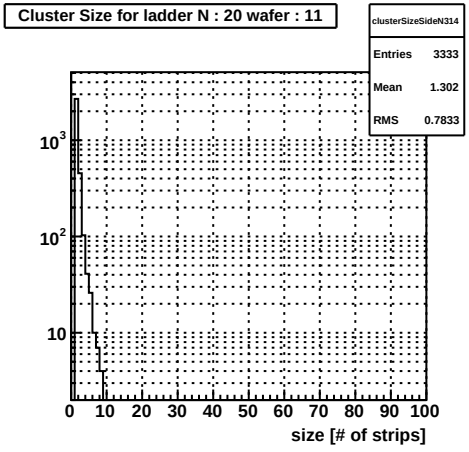

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7527
Mean 1.184
RMS 0.5211
size [# of strips]

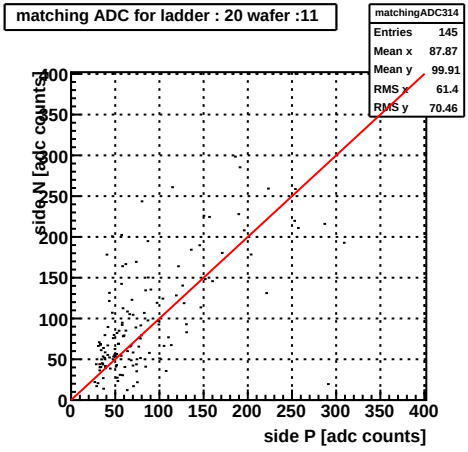

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 207
Mean x 51.62
Mean y 63.45
RMS x 47.31
RMS y 66.61
side N [adc counts]
side P [adc counts]

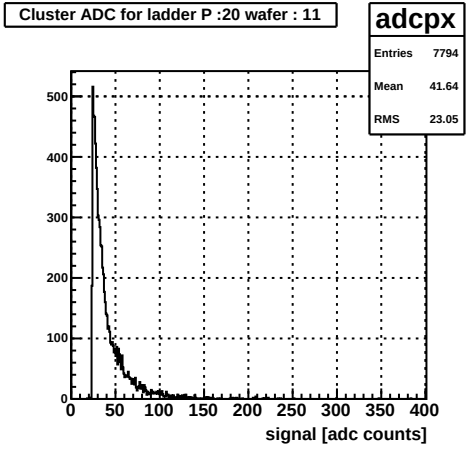

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12750
Mean 27.54
RMS 12.13
signal [adc counts]

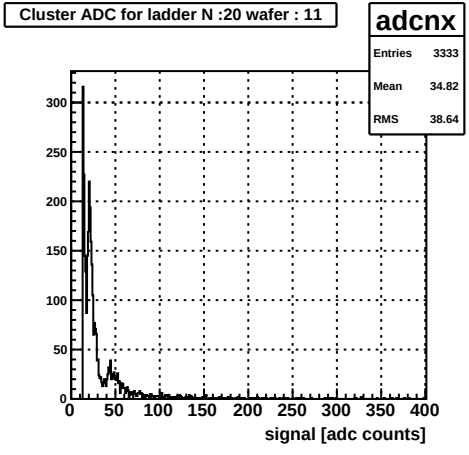

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7527
Mean 28.28
RMS 29.66
signal [adc counts]

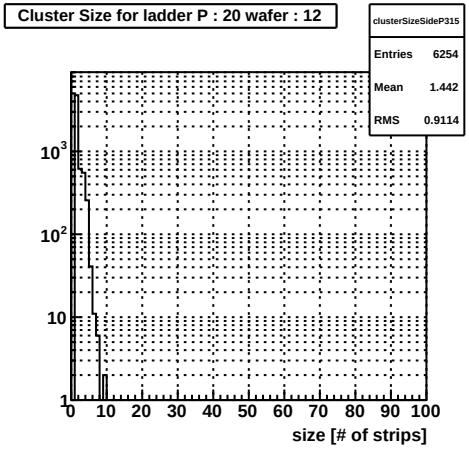

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7794
Mean 1.14
RMS 0.4026
size [# of strips]

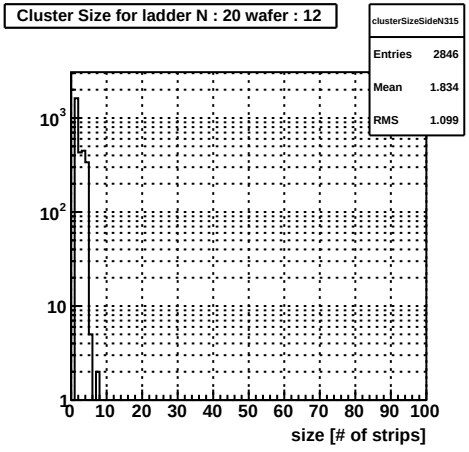

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3333
Mean 1.302
RMS 0.7833
size [# of strips]

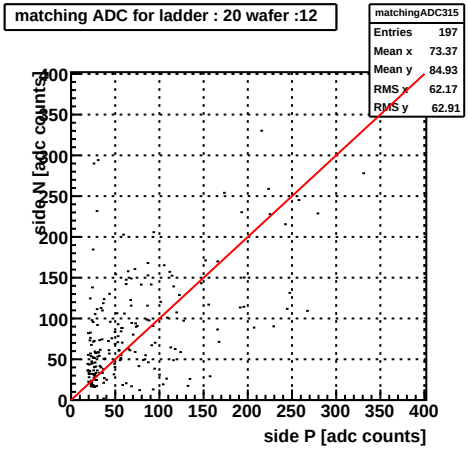

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 145
Mean x 87.87
Mean y 99.91
RMS x 61.4
RMS y 70.46
side N [adc counts]
side P [adc counts]

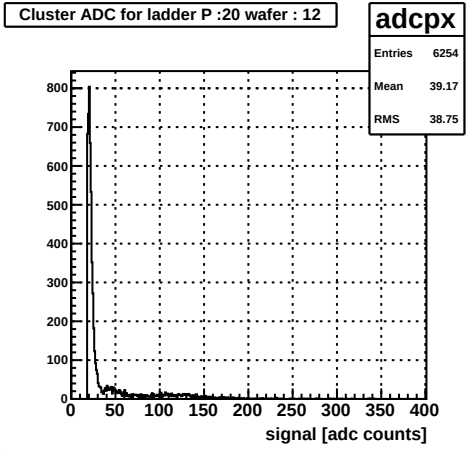

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7794
Mean 41.64
RMS 23.05
signal [adc counts]

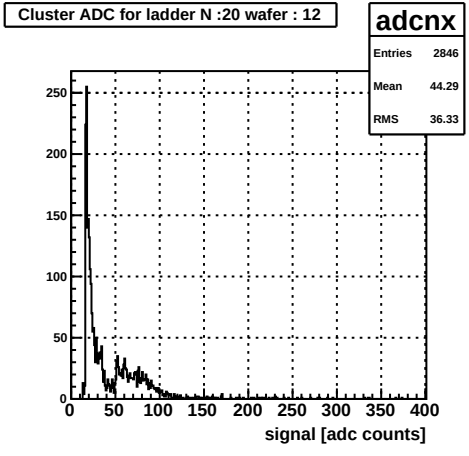

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3333
Mean 34.82
RMS 38.64
signal [adc counts]

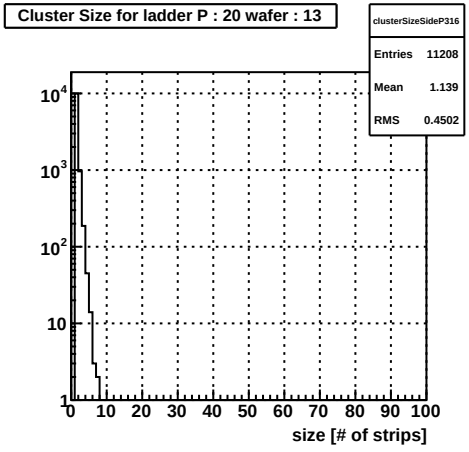

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6254
Mean 1.442
RMS 0.9114
size [# of strips]

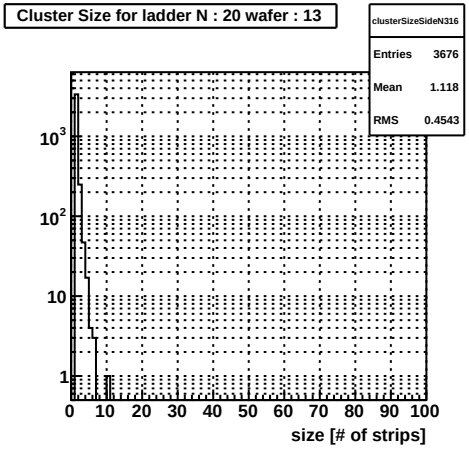

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2846
Mean 1.834
RMS 1.099
size [# of strips]

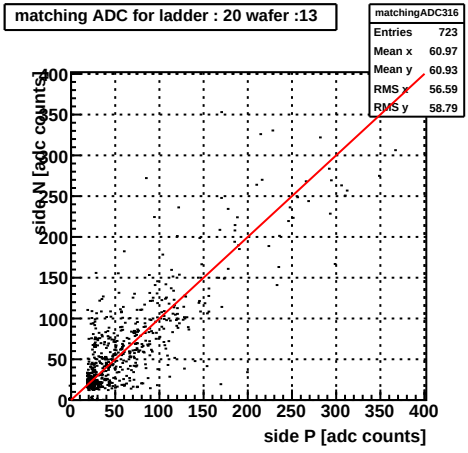

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 197
Mean x 73.37
Mean y 84.93
RMS x 62.17
RMS y 62.91
side N [adc counts]
side P [adc counts]

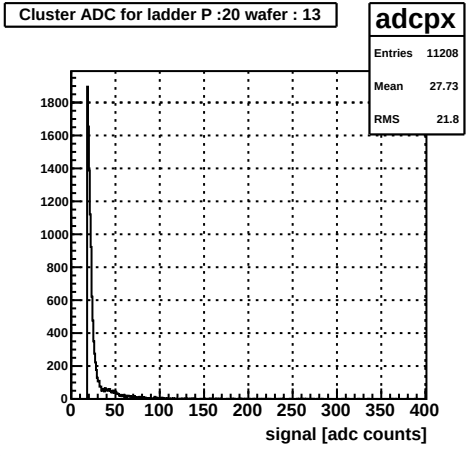

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6254
Mean 39.17
RMS 38.75
signal [adc counts]

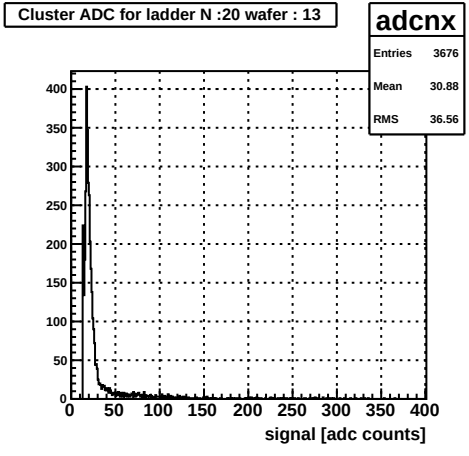

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2846
Mean 44.29
RMS 36.33
signal [adc counts]

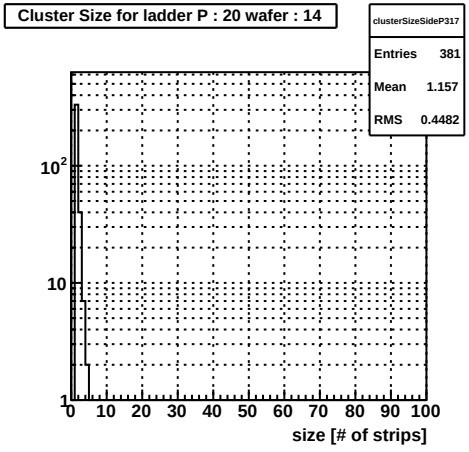

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 11208
Mean 1.139
RMS 0.4502
size [# of strips]

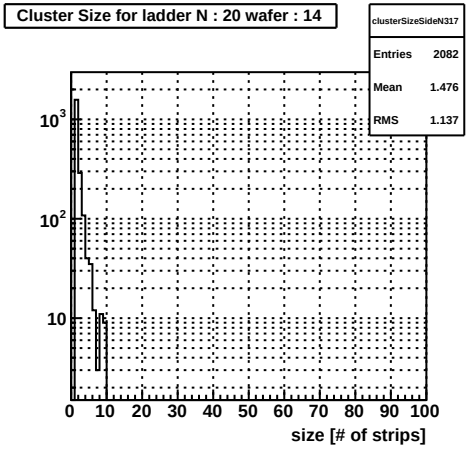

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3676
Mean 1.118
RMS 0.4543
size [# of strips]

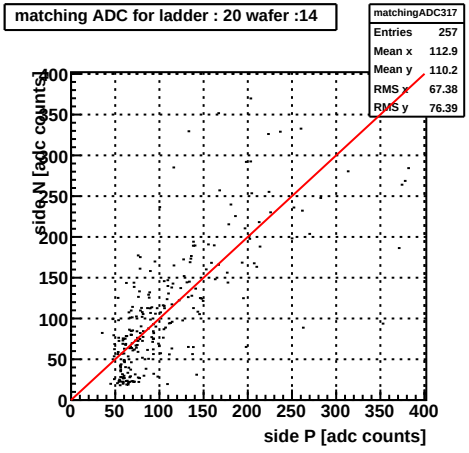

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 723
Mean x 60.97
Mean y 60.93
RMS x 56.59
RMS y 58.79
side N [adc counts]
side P [adc counts]

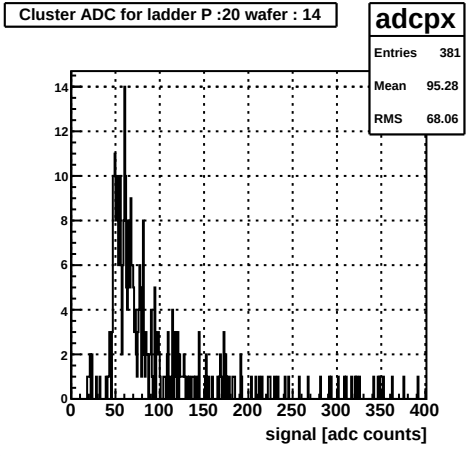

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 11208
Mean 27.73
RMS 21.8
signal [adc counts]

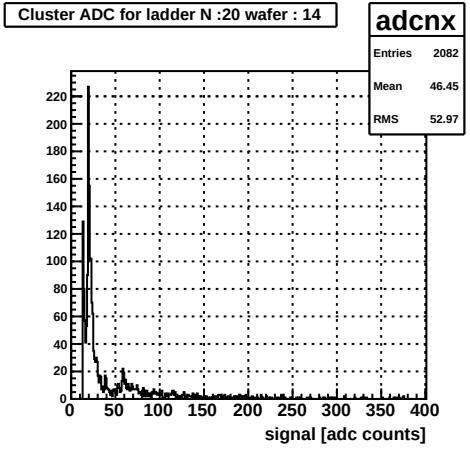

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3676
Mean 30.88
RMS 36.56
signal [adc counts]

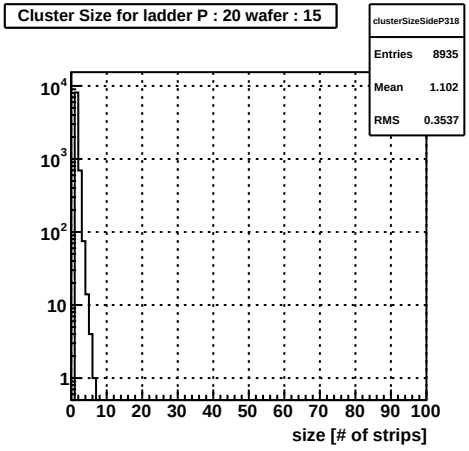

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 381
Mean 1.157
RMS 0.4482
size [# of strips]

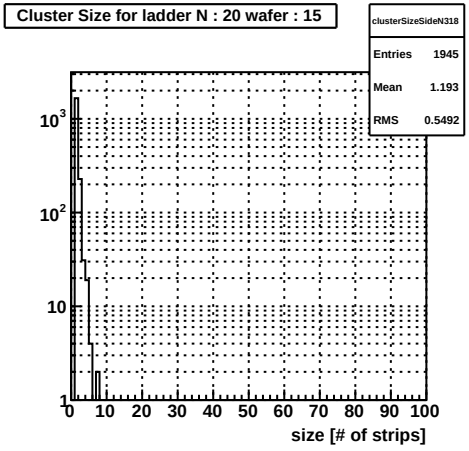

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2082
Mean 1.476
RMS 1.137
size [# of strips]

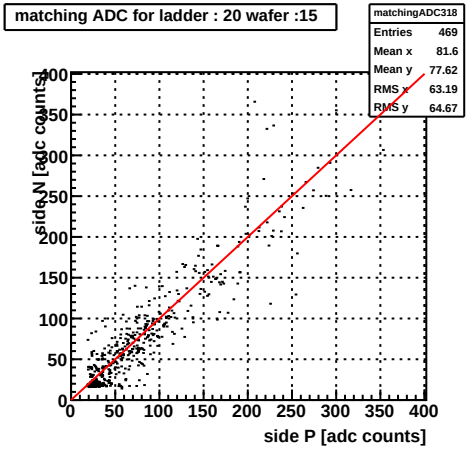

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 257
Mean x 112.9
Mean y 110.2
RMS x 67.38
RMS y 76.39
side N [adc counts]
side P [adc counts]

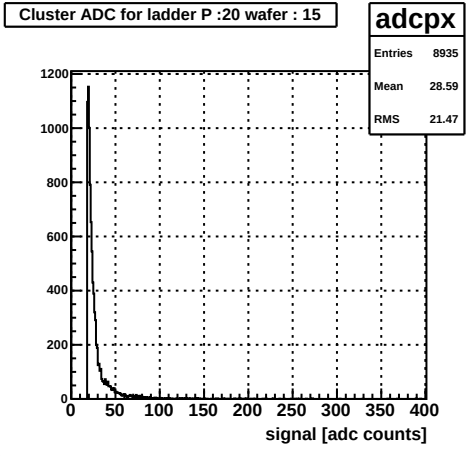

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 381
Mean 95.28
RMS 68.06
signal [adc counts]

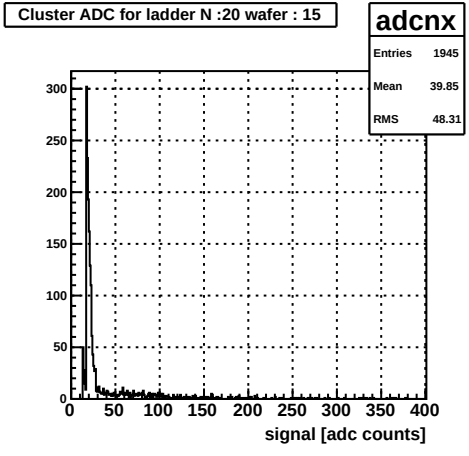

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2082
Mean 46.45
RMS 52.97
signal [adc counts]

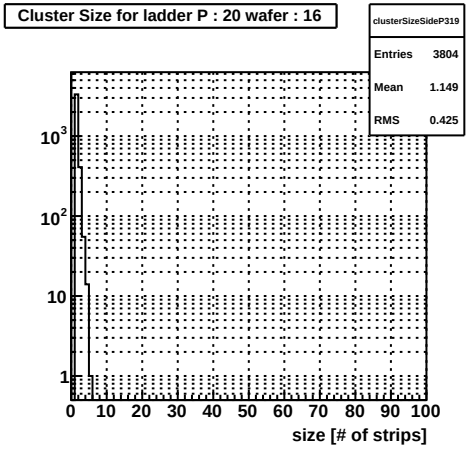

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8935
Mean 1.102
RMS 0.3537
size [# of strips]

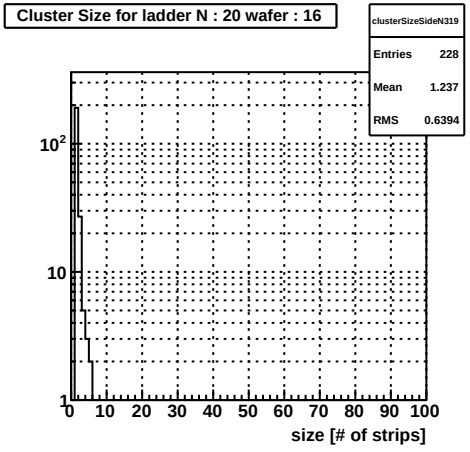

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1945
Mean 1.193
RMS 0.5492
size [# of strips]

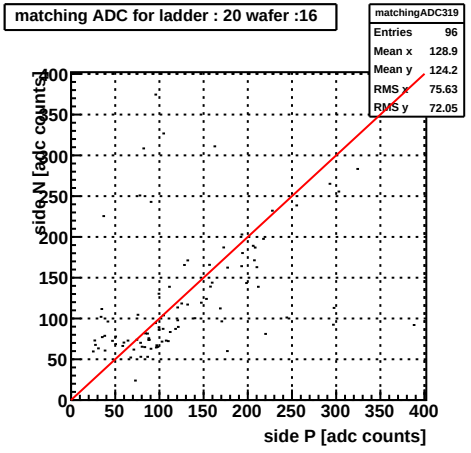

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 469
Mean x 81.6
Mean y 77.62
RMS x 63.19
RMS y 64.67
side N [adc counts]
side P [adc counts]

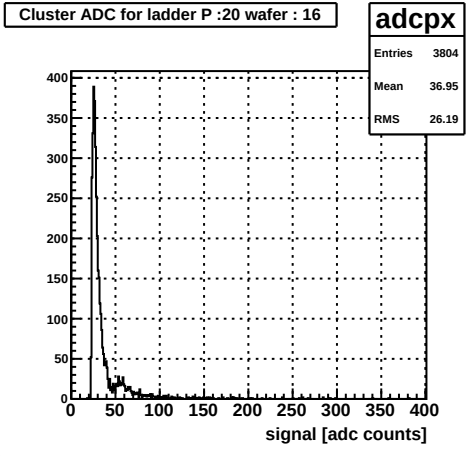

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8935
Mean 28.59
RMS 21.47
signal [adc counts]

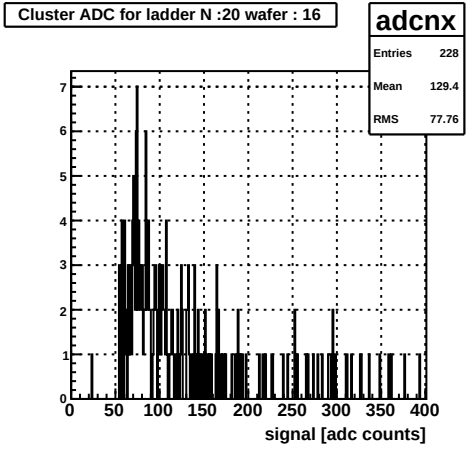

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1945
Mean 39.85
RMS 48.31
signal [adc counts]

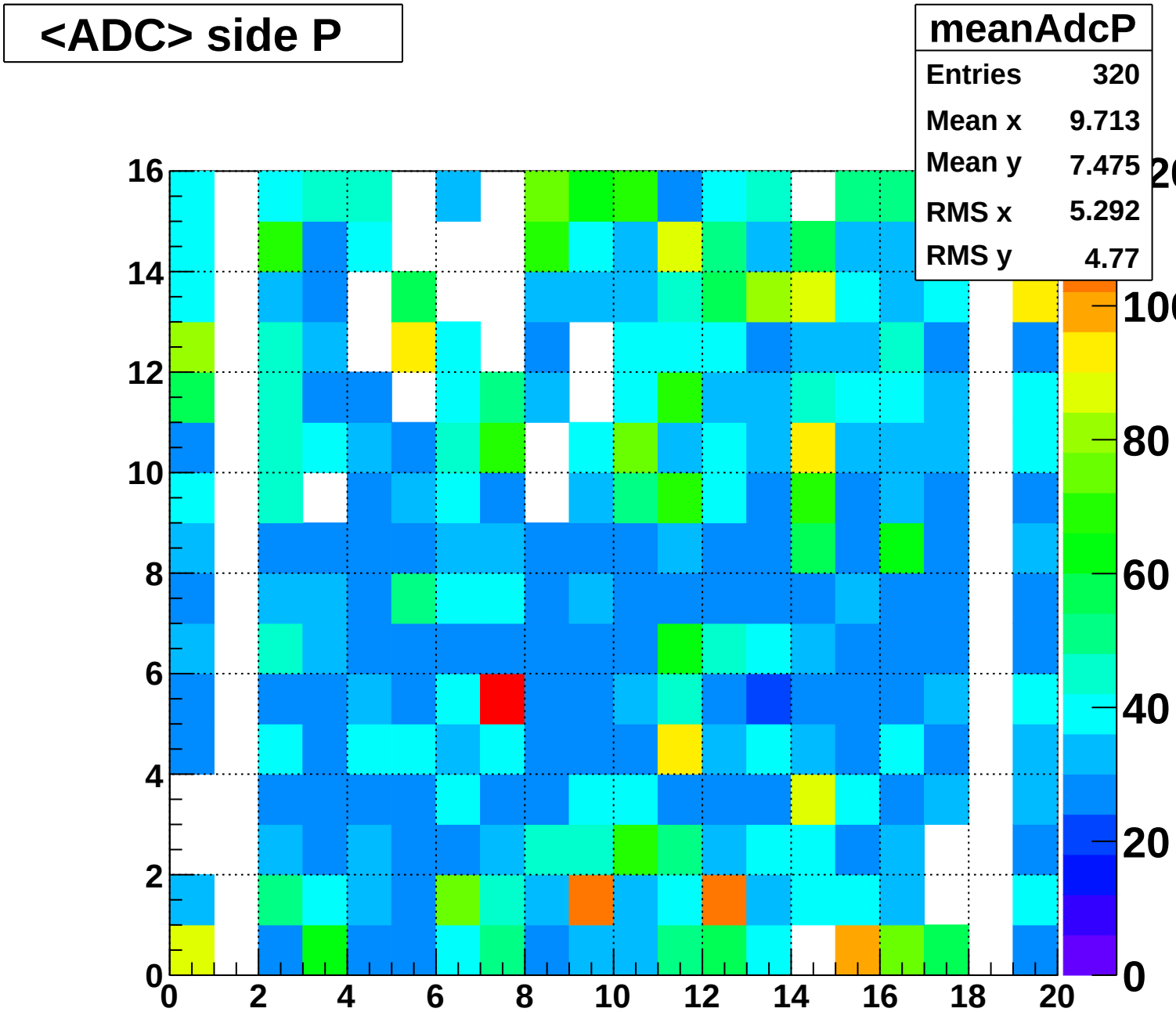

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 3804
Mean 1.149
RMS 0.425
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 228
Mean 1.237
RMS 0.6394
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 96
Mean x 128.9
Mean y 124.2
RMS x 75.63
RMS y 72.05
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 3804
Mean 36.95
RMS 26.19
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 228
Mean 129.4
RMS 77.76
signal [adc counts]

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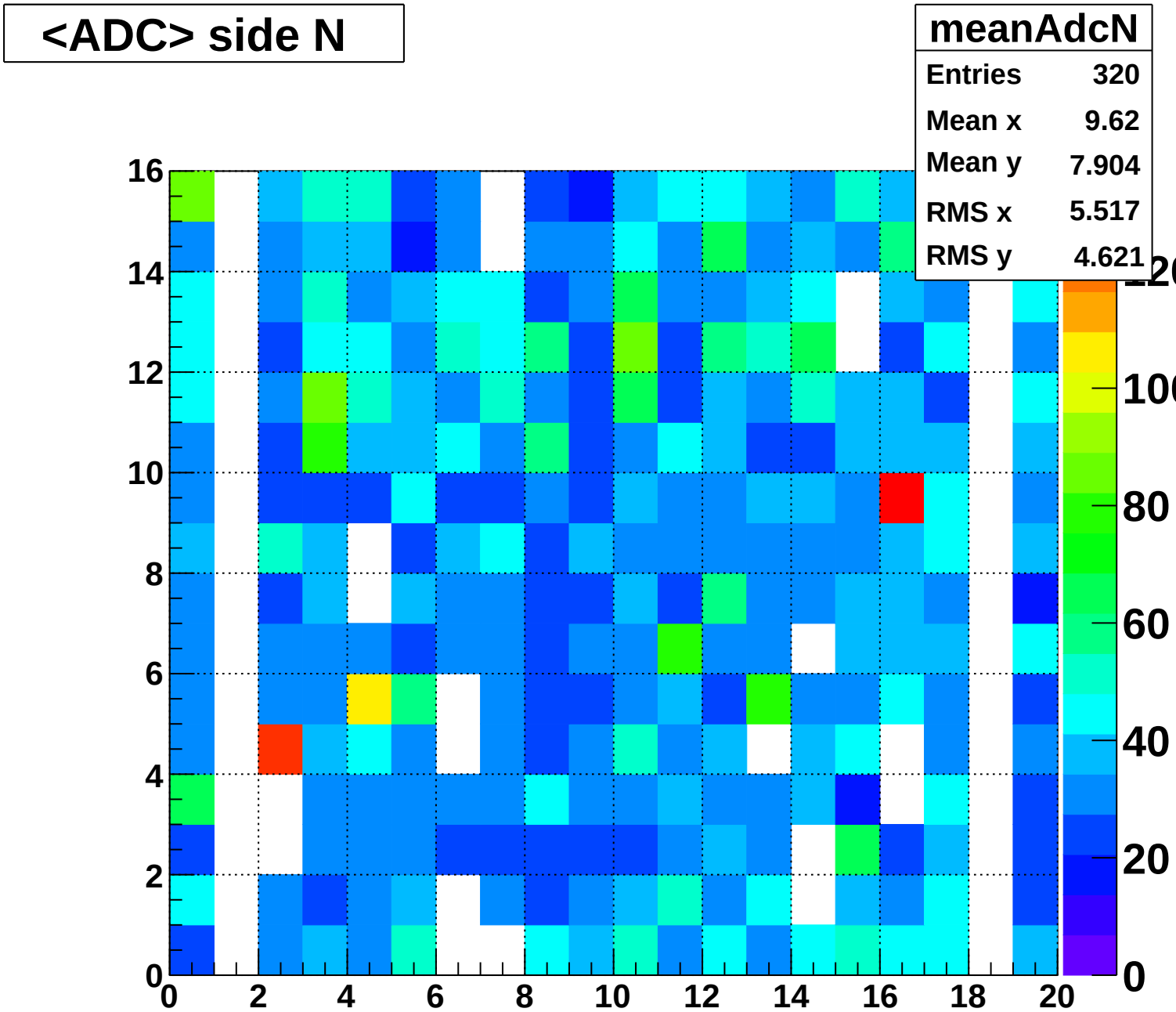


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