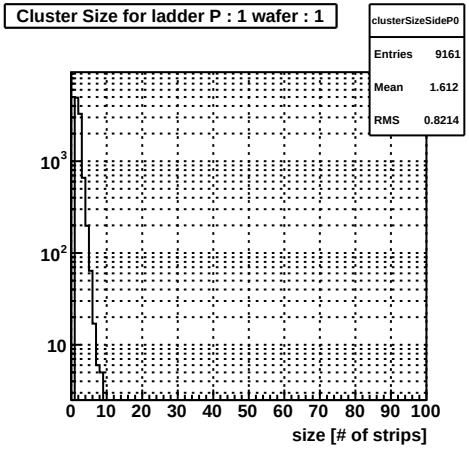
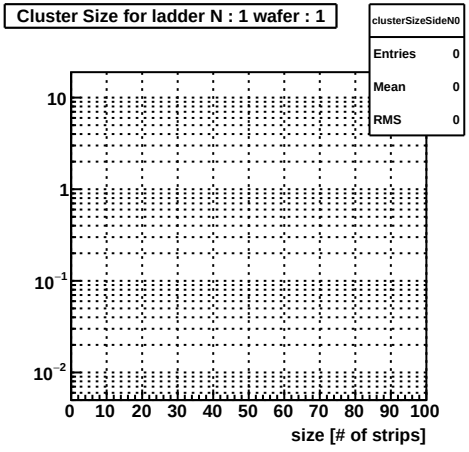
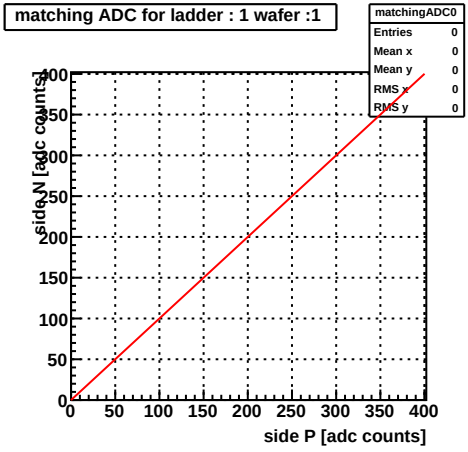
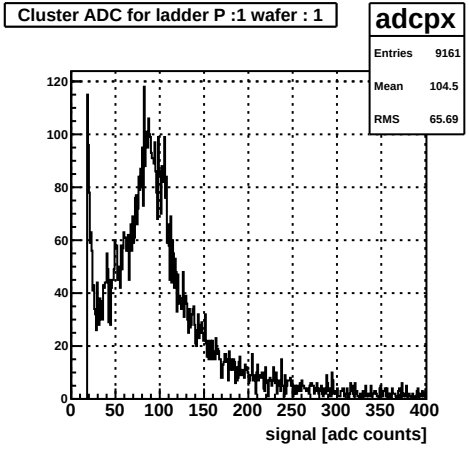
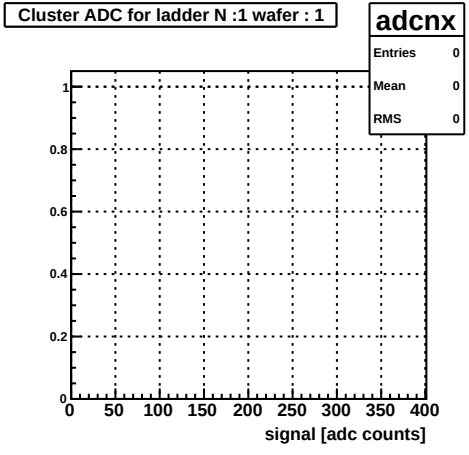
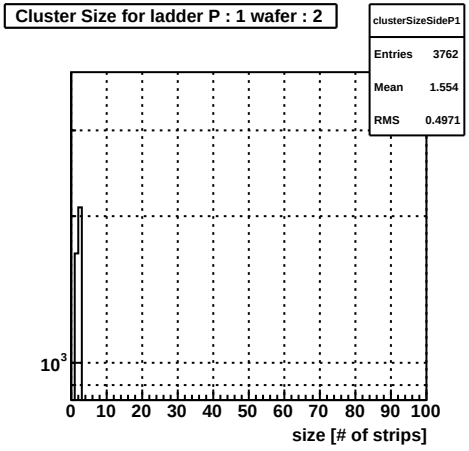

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 9161
Mean 1.612
RMS 0.8214
size [# of strips]

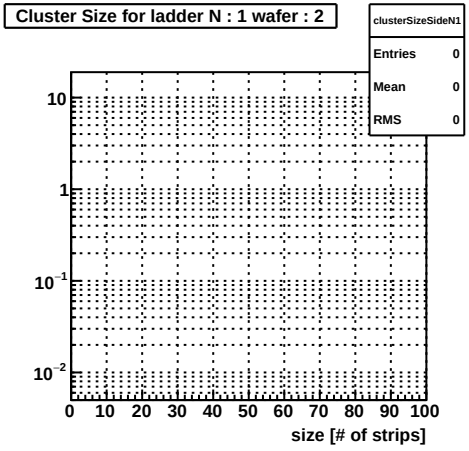

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

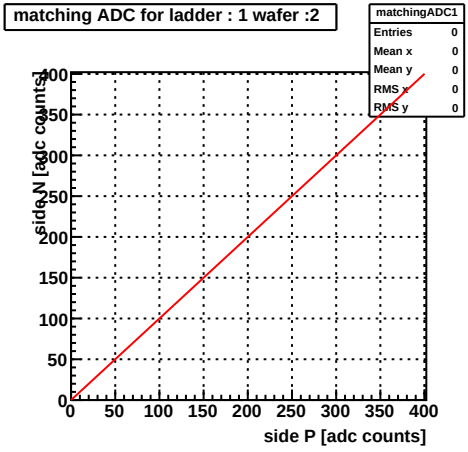

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

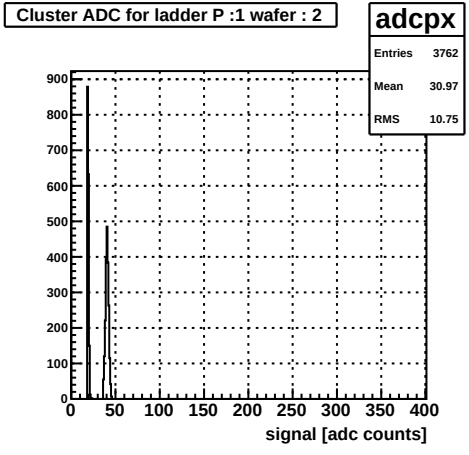

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 9161
Mean 104.5
RMS 65.69
signal [adc counts]

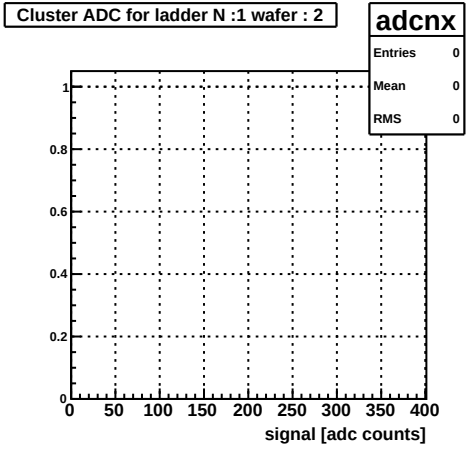

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

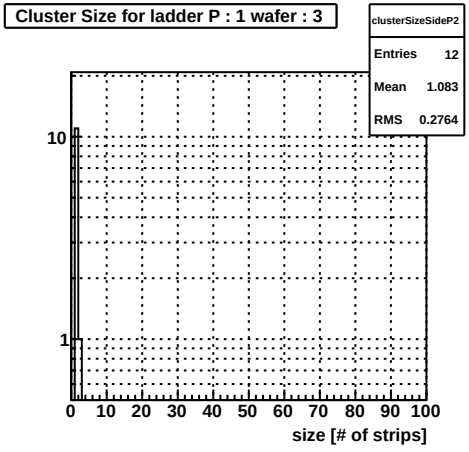

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3762
Mean 1.554
RMS 0.4971
size [# of strips]

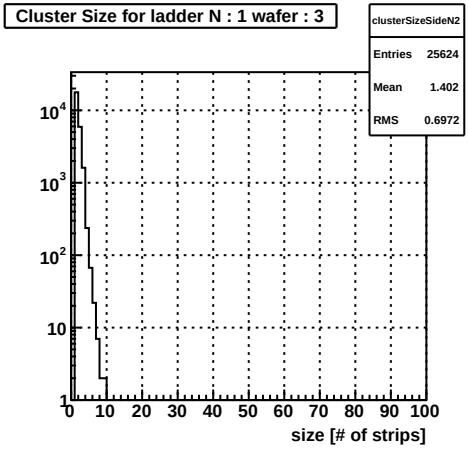

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

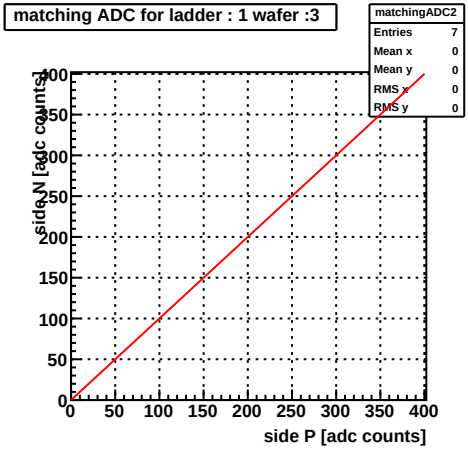

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

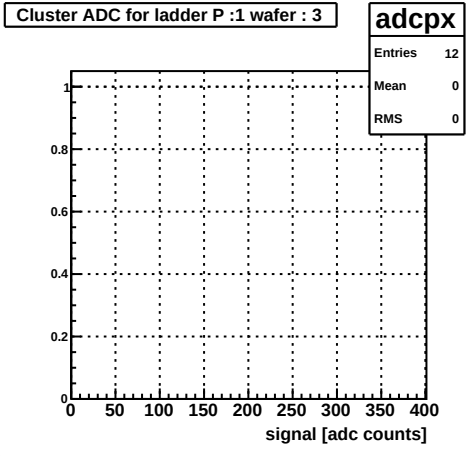

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3762
Mean 30.97
RMS 10.75
signal [adc counts]

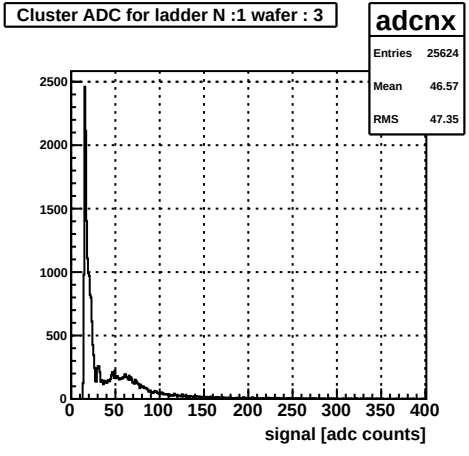

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

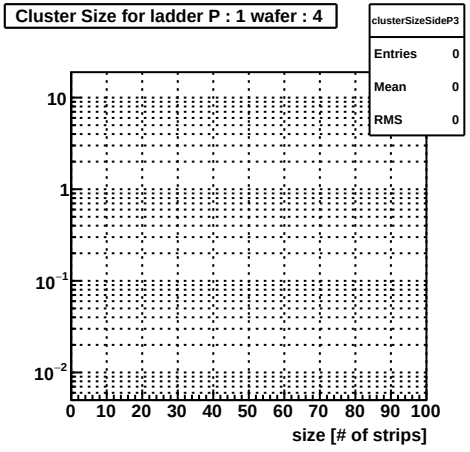

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

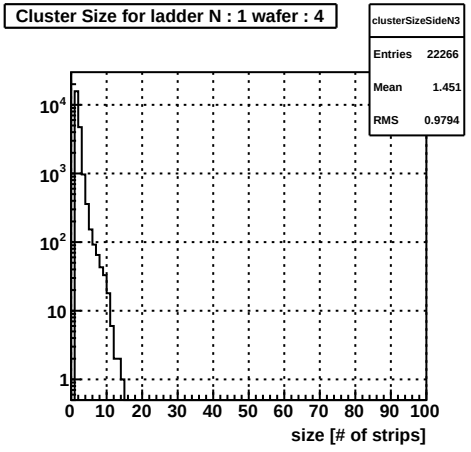

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 25624
Mean 1.402
RMS 0.6972
size [# of strips]

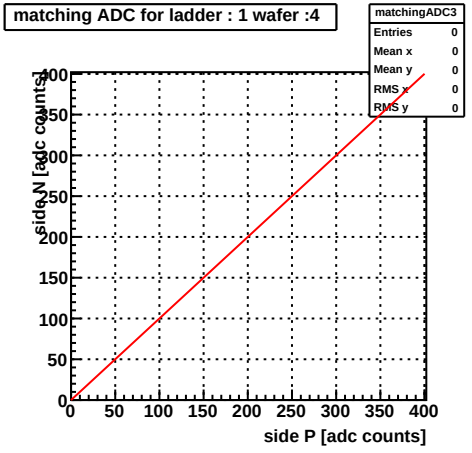

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

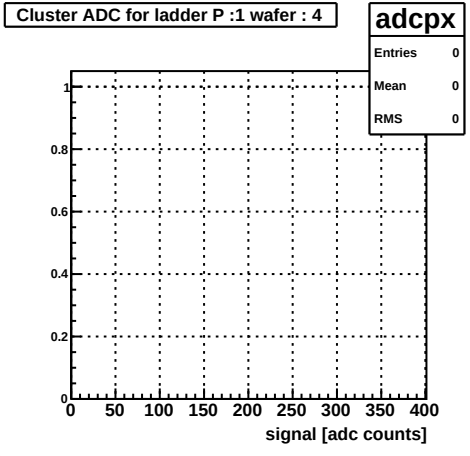

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

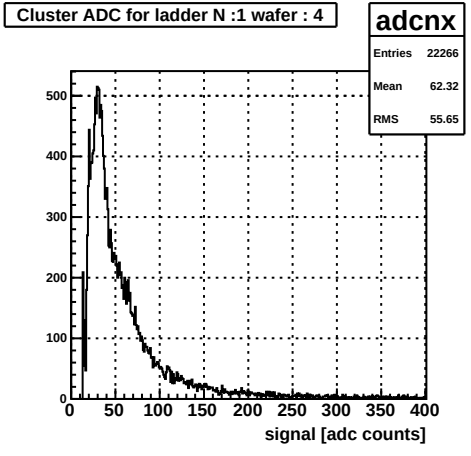

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 25624
Mean 46.57
RMS 47.35
signal [adc counts]

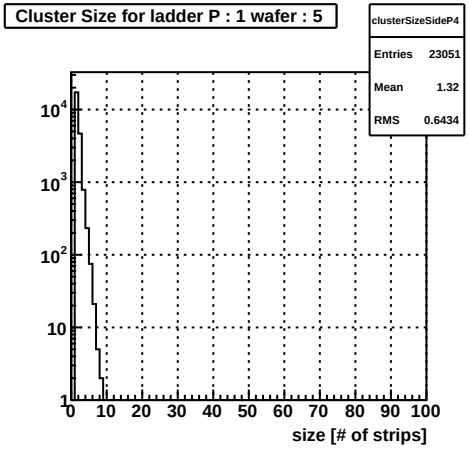

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

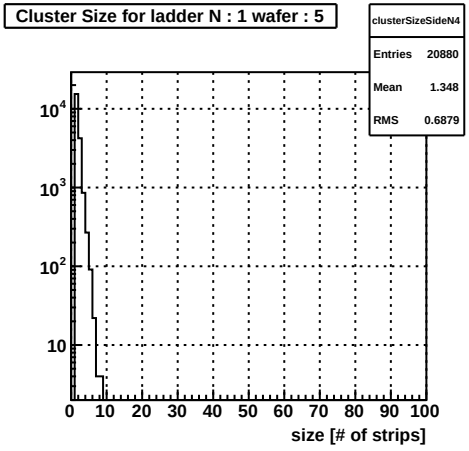

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 22266
Mean 1.451
RMS 0.9794
size [# of strips]

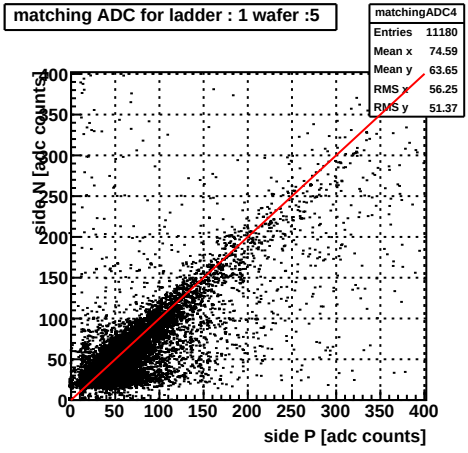

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

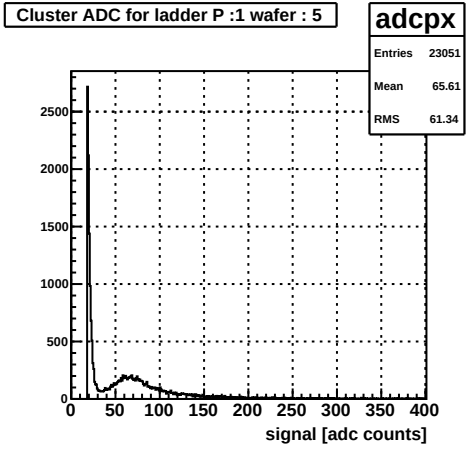

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

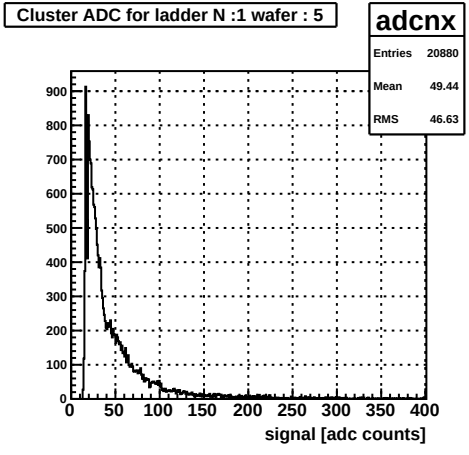

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 22266
Mean 62.32
RMS 55.65
signal [adc counts]

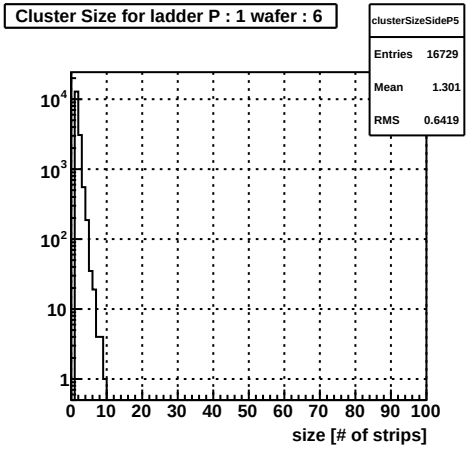

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 23051
Mean 1.32
RMS 0.6434
size [# of strips]

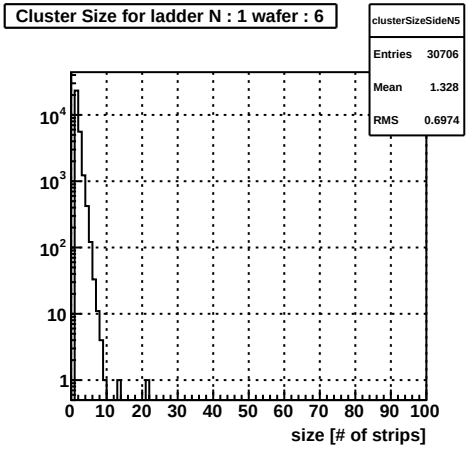

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 20880
Mean 1.348
RMS 0.6879
size [# of strips]

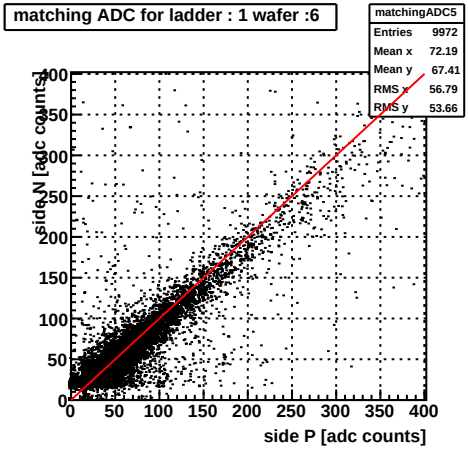

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 11180
Mean x 74.59
Mean y 63.65
RMS x 56.25
RMS y 51.37
side N [adc counts]
side P [adc counts]

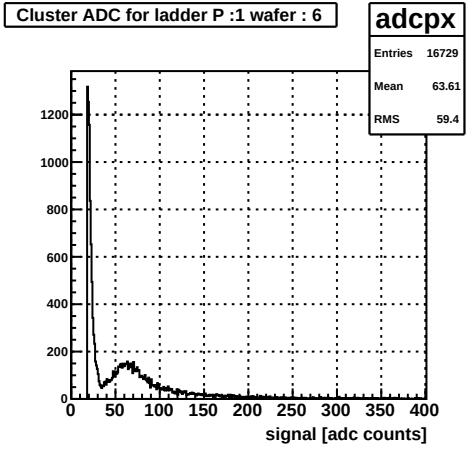

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 23051
Mean 65.61
RMS 61.34
signal [adc counts]

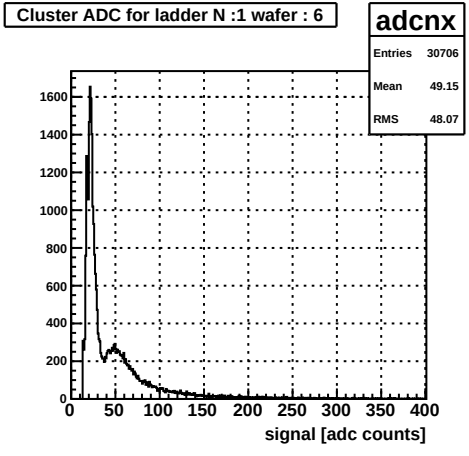

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 20880
Mean 49.44
RMS 46.63
signal [adc counts]

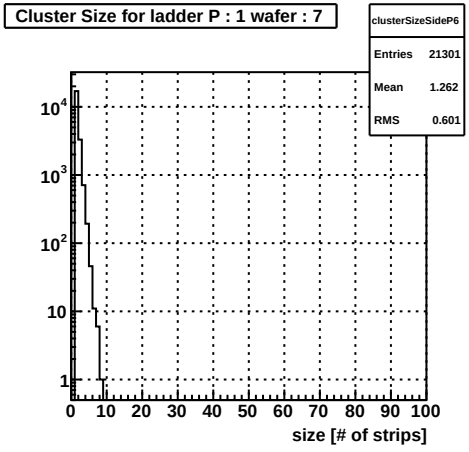

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 16729
Mean 1.301
RMS 0.6419
size [# of strips]

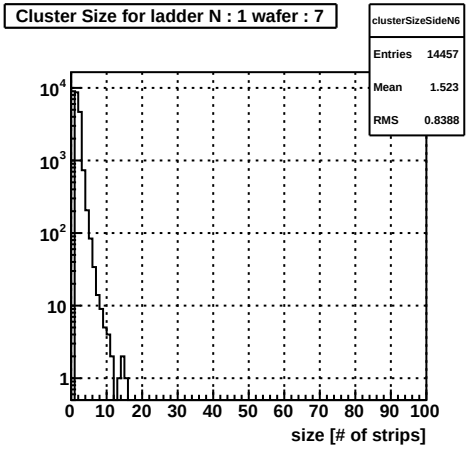

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 30706
Mean 1.328
RMS 0.6974
size [# of strips]

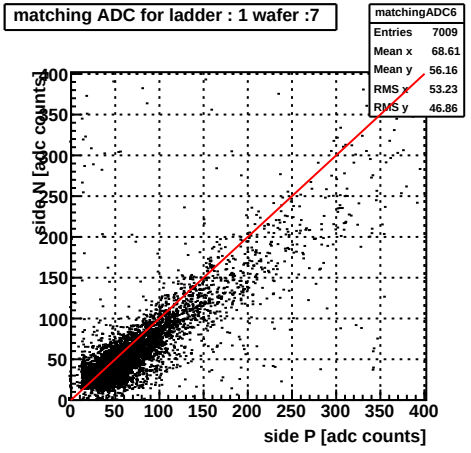

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 9972
Mean x 72.19
Mean y 67.41
RMS x 56.79
RMS y 53.66
side N [adc counts]
side P [adc counts]

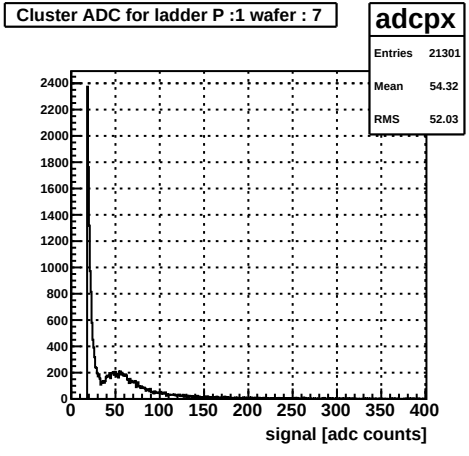

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 16729
Mean 63.61
RMS 59.4
signal [adc counts]

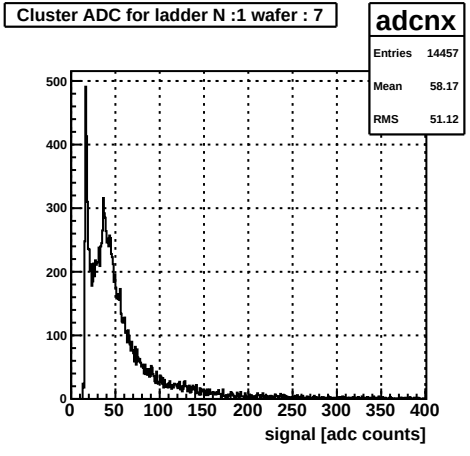

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 30706
Mean 49.15
RMS 48.07
signal [adc counts]

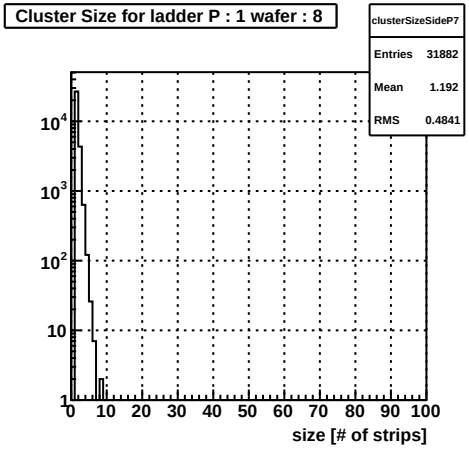

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 21301
Mean 1.262
RMS 0.601
size [# of strips]

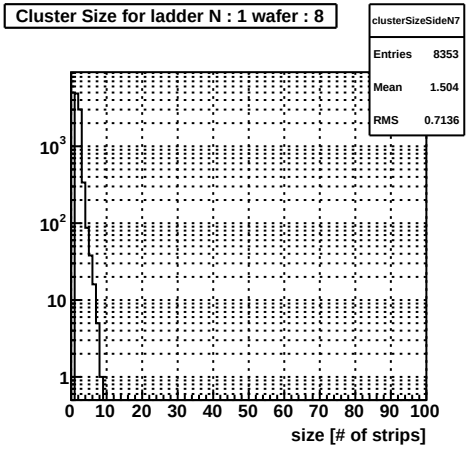

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 14457
Mean 1.523
RMS 0.8388
size [# of strips]

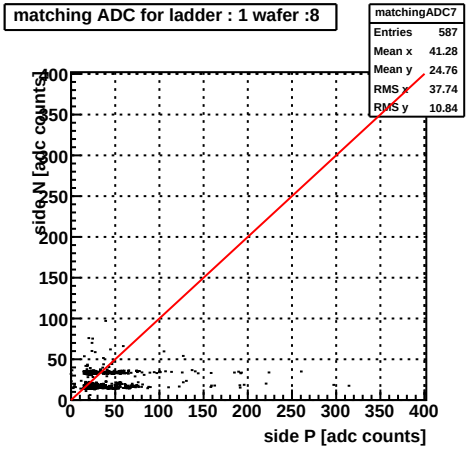

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 7009
Mean x 68.61
Mean y 56.16
RMS x 53.23
RMS y 46.86
side N [adc counts]
side P [adc counts]

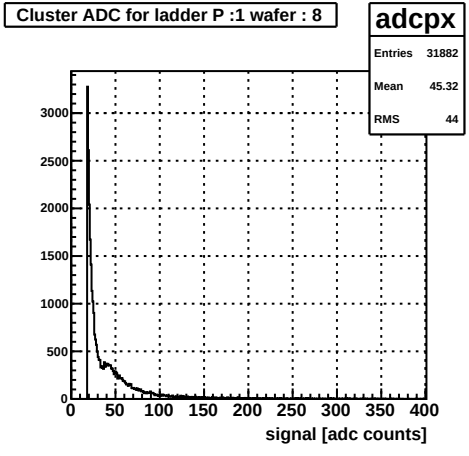

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 21301
Mean 54.32
RMS 52.03
signal [adc counts]

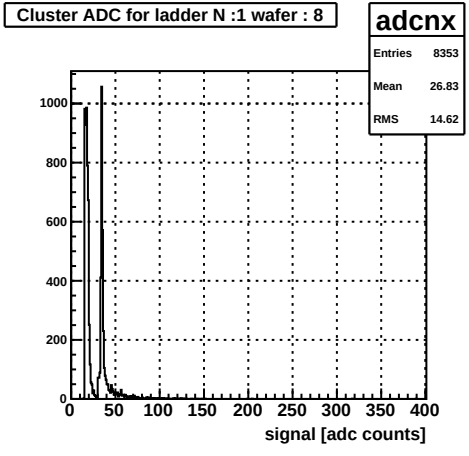

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 14457
Mean 58.17
RMS 51.12
signal [adc counts]

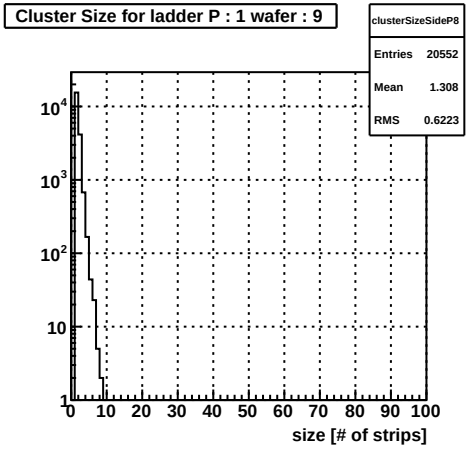

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 31882
Mean 1.192
RMS 0.4841
size [# of strips]

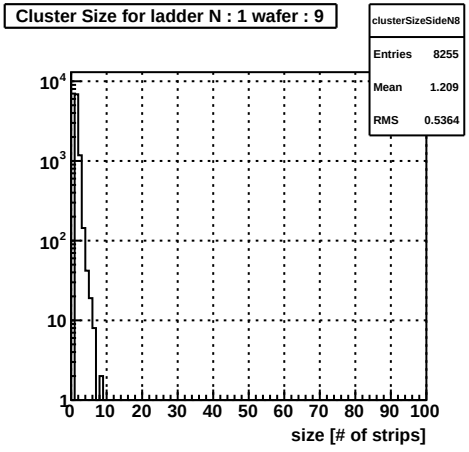

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 8353
Mean 1.504
RMS 0.7136
size [# of strips]

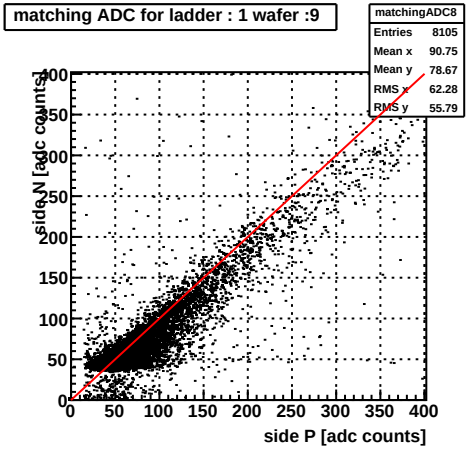

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 587
Mean x 41.28
Mean y 24.76
RMS x 37.74
RMS y 10.84
side N [adc counts]
side P [adc counts]

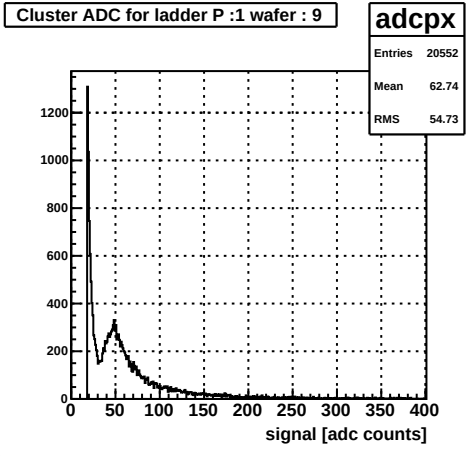

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 31882
Mean 45.32
RMS 44
signal [adc counts]

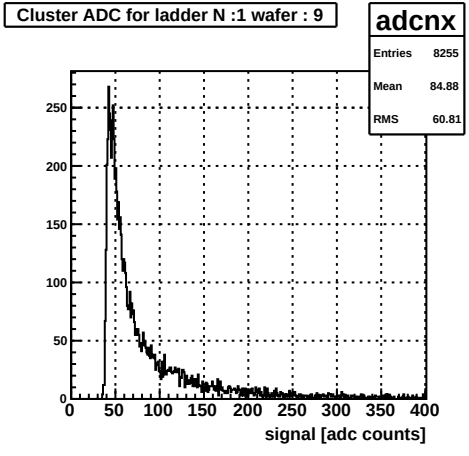

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 8353
Mean 26.83
RMS 14.62
signal [adc counts]

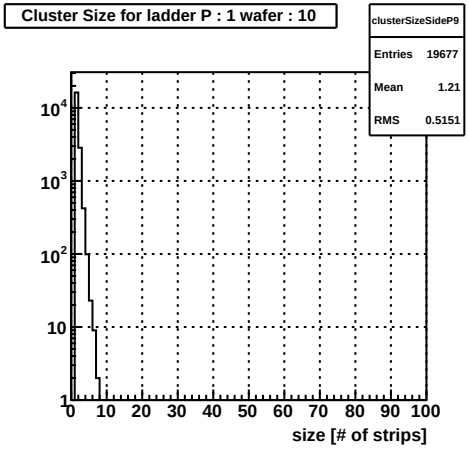

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 20552
Mean 1.308
RMS 0.6223
size [# of strips]

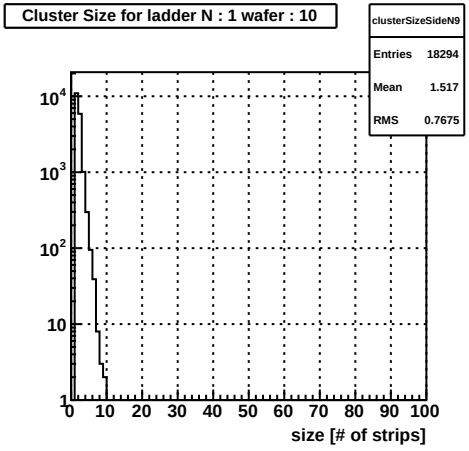

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 8255
Mean 1.209
RMS 0.5364
size [# of strips]

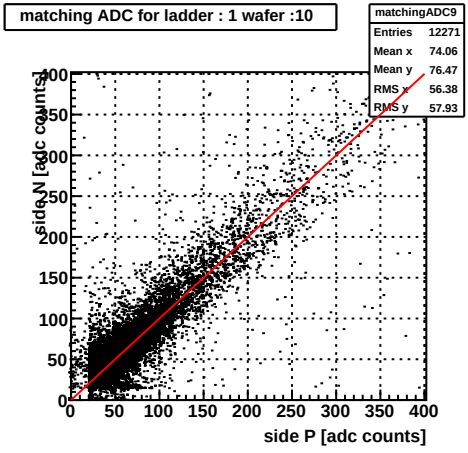

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 8105
Mean x 90.75
Mean y 78.67
RMS x 62.28
RMS y 55.79
side N [adc counts]
side P [adc counts]

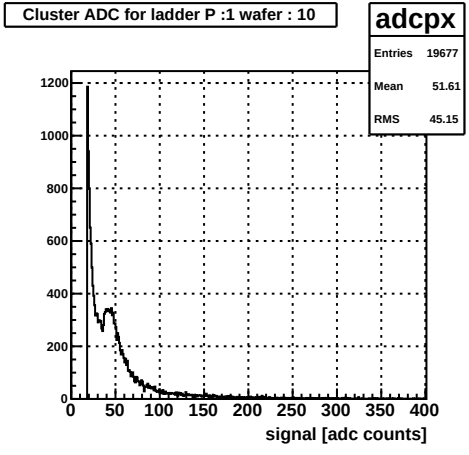

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 20552
Mean 62.74
RMS 54.73
signal [adc counts]

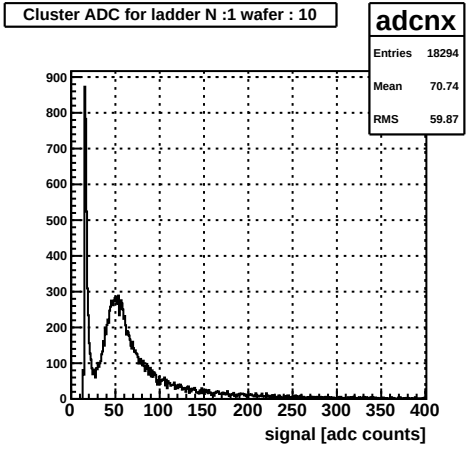

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 8255
Mean 84.88
RMS 60.81
signal [adc counts]

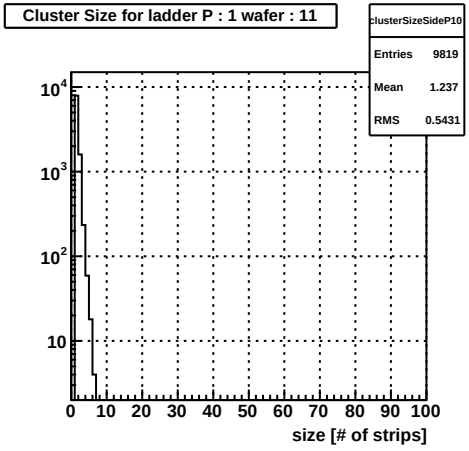

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 19677
Mean 1.21
RMS 0.5151
size [# of strips]

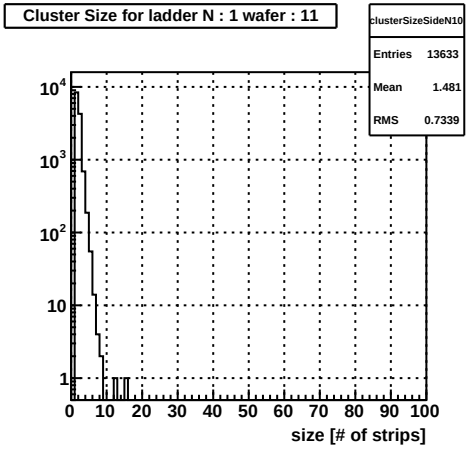

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 18294
Mean 1.517
RMS 0.7675
size [# of strips]

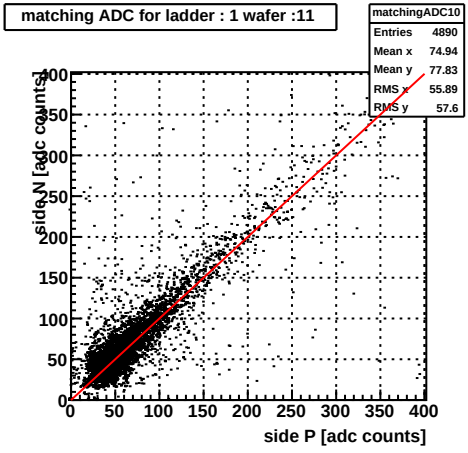

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 12271
Mean x 74.06
Mean y 76.47
RMS x 56.38
RMS y 57.93
side N [adc counts]
side P [adc counts]

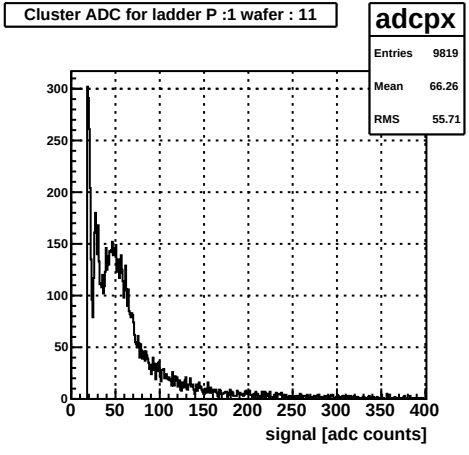

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 19677
Mean 51.61
RMS 45.15
signal [adc counts]

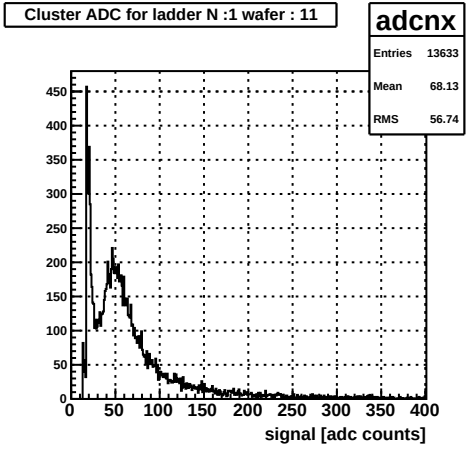

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 18294
Mean 70.74
RMS 59.87
signal [adc counts]

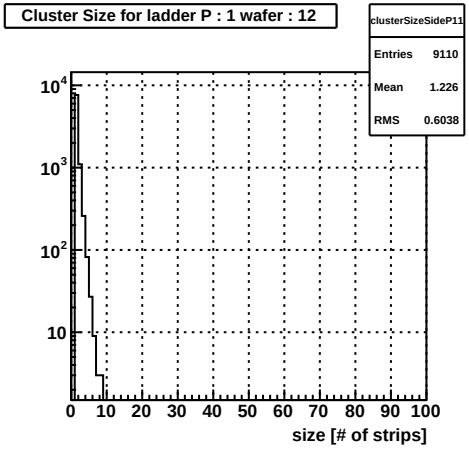

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 9819
Mean 1.237
RMS 0.5431
size [# of strips]

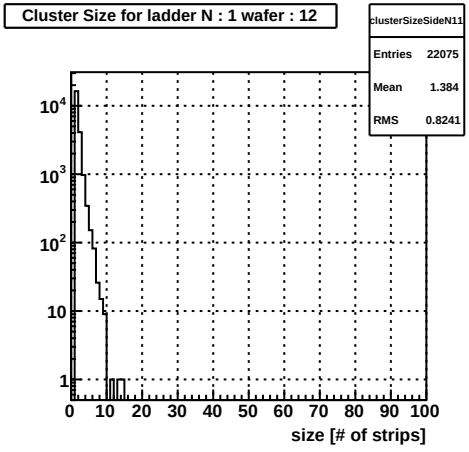

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 13633
Mean 1.481
RMS 0.7339
size [# of strips]

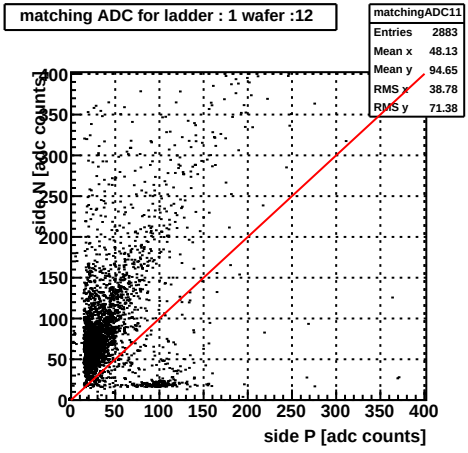

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 4890
Mean x 74.94
Mean y 77.83
RMS x 55.89
RMS y 57.6
side N [adc counts]
side P [adc counts]

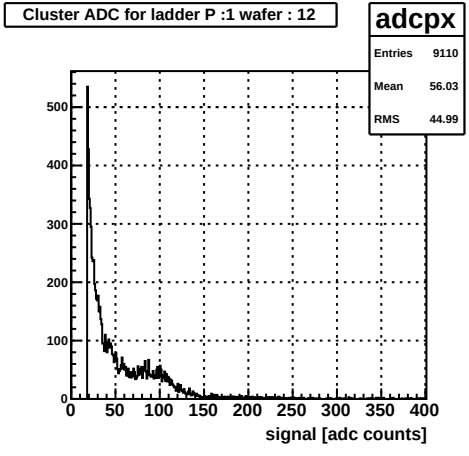

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 9819
Mean 66.26
RMS 55.71
signal [adc counts]

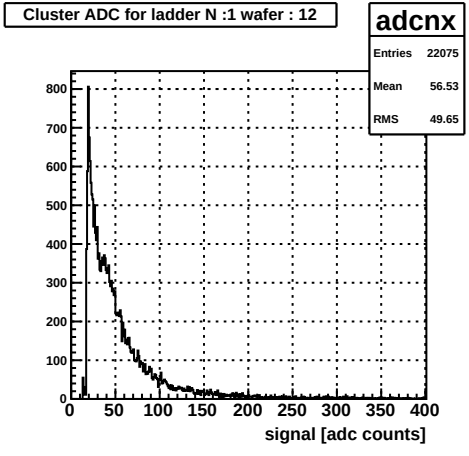

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 13633
Mean 68.13
RMS 56.74
signal [adc counts]

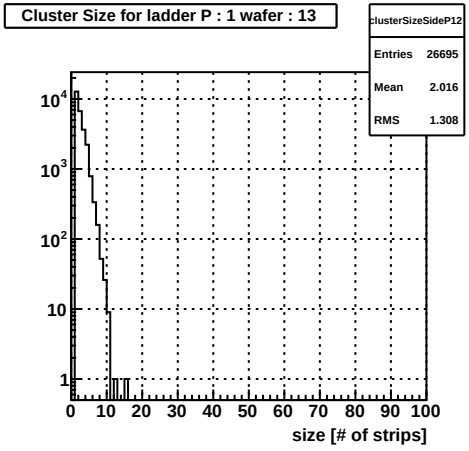

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 9110
Mean 1.226
RMS 0.6038
size [# of strips]

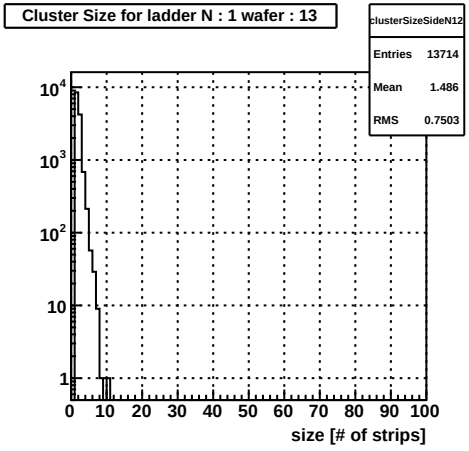

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 22075
Mean 1.384
RMS 0.8241
size [# of strips]

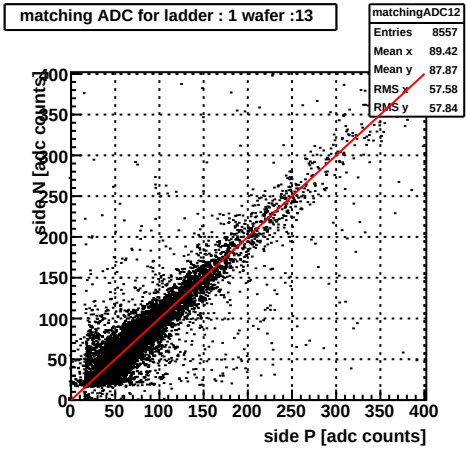

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 2883
Mean x 48.13
Mean y 94.65
RMS x 38.78
RMS y 71.38
side N [adc counts]
side P [adc counts]

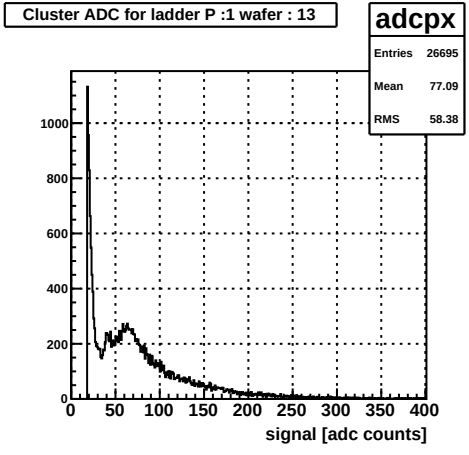

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 9110
Mean 56.03
RMS 44.99
signal [adc counts]

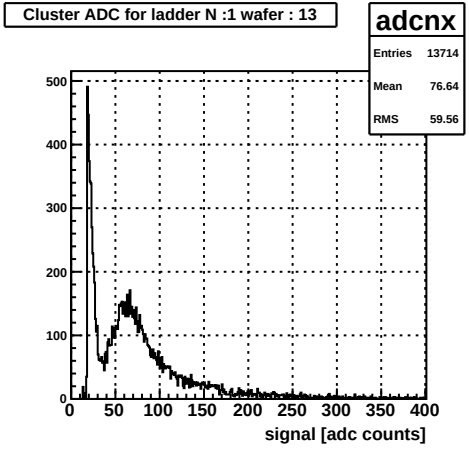

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 22075
Mean 56.53
RMS 49.65
signal [adc counts]

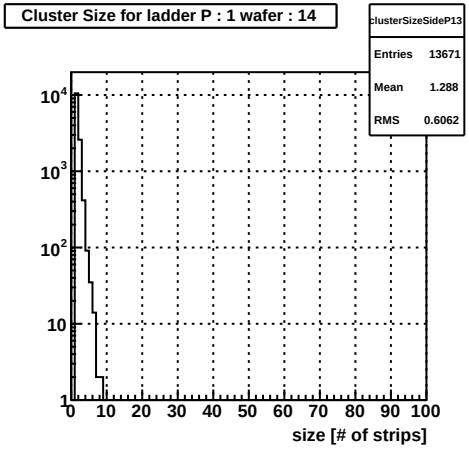

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 26695
Mean 2.016
RMS 1.308
size [# of strips]

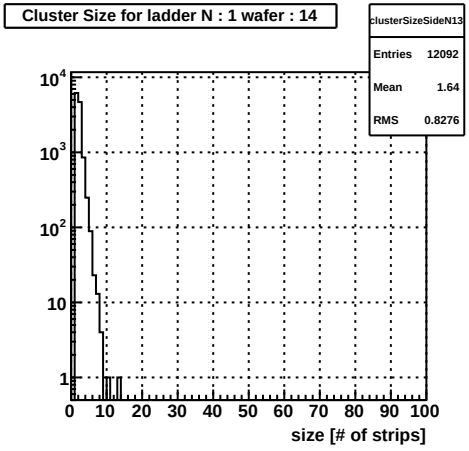

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 13714
Mean 1.486
RMS 0.7503
size [# of strips]

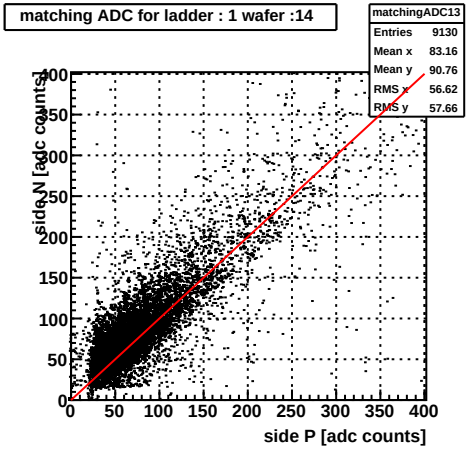

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 8557
Mean x 89.42
Mean y 87.87
RMS x 57.58
RMS y 57.84
side N [adc counts]
side P [adc counts]

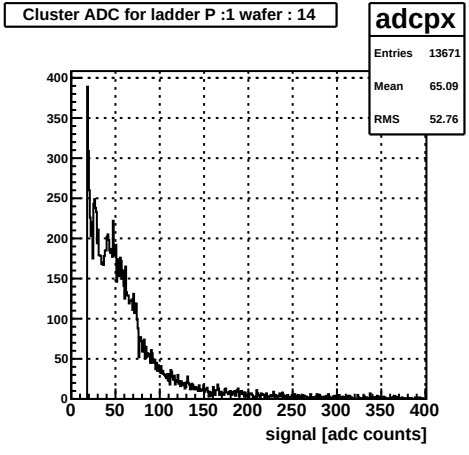

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 26695
Mean 77.09
RMS 58.38
signal [adc counts]

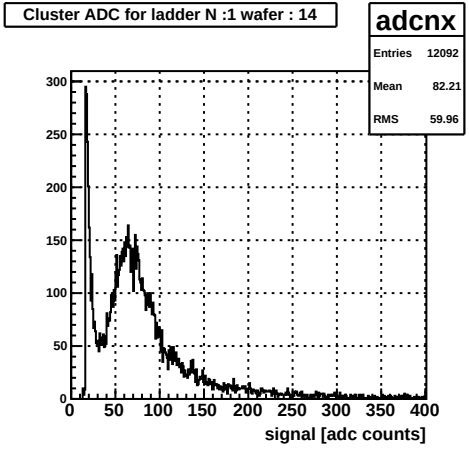

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 13714
Mean 76.64
RMS 59.56
signal [adc counts]

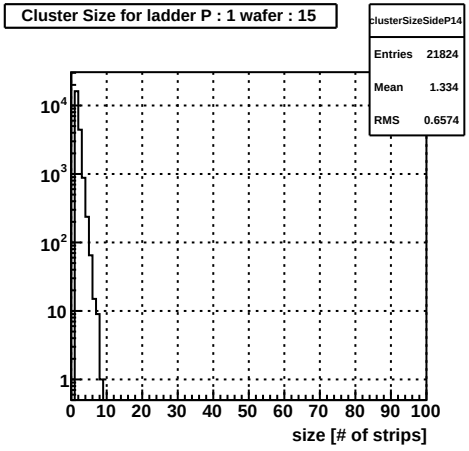

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 13671
Mean 1.288
RMS 0.6062
size [# of strips]

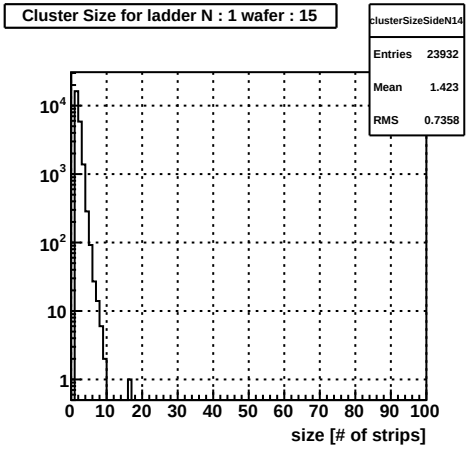

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 12092
Mean 1.64
RMS 0.8276
size [# of strips]

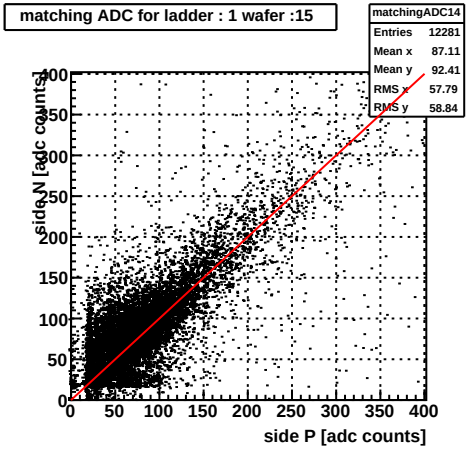

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 9130
Mean x 83.16
Mean y 90.76
RMS x 56.62
RMS y 57.66
side N [adc counts]
side P [adc counts]

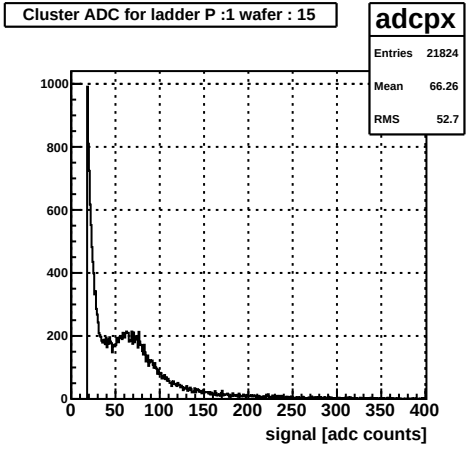

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 13671
Mean 65.09
RMS 52.76
signal [adc counts]

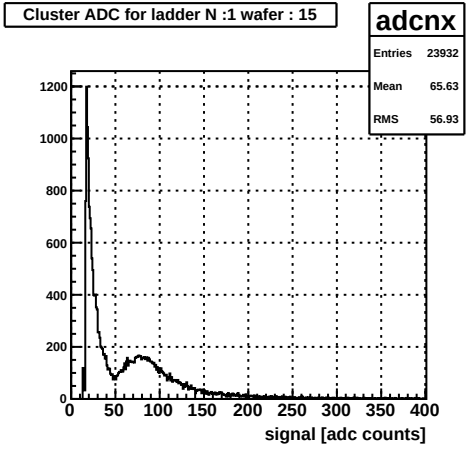

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 12092
Mean 82.21
RMS 59.96
signal [adc counts]

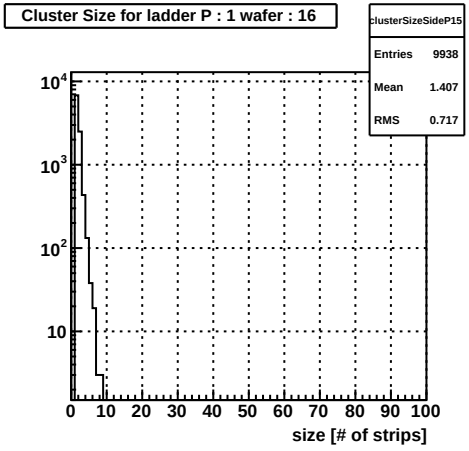

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 21824
Mean 1.334
RMS 0.6574
size [# of strips]

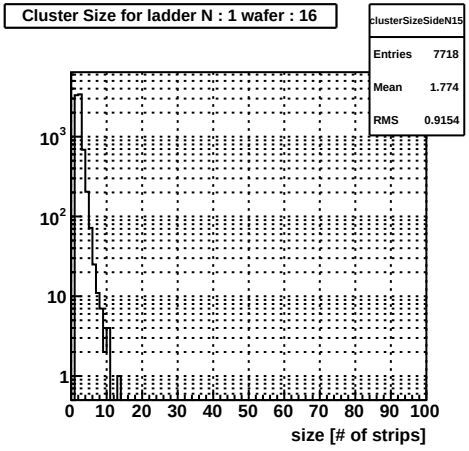

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 23932
Mean 1.423
RMS 0.7358
size [# of strips]

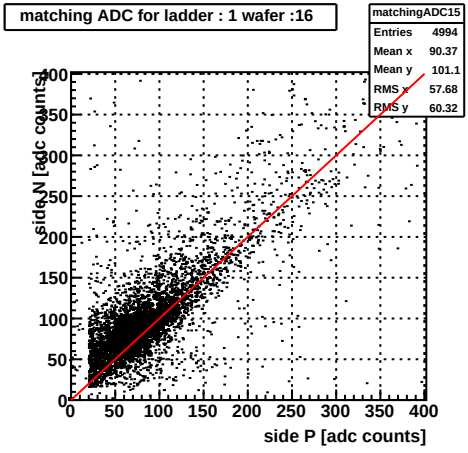

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 12281
Mean x 87.11
Mean y 92.41
RMS x 57.79
RMS y 58.84
side N [adc counts]
side P [adc counts]

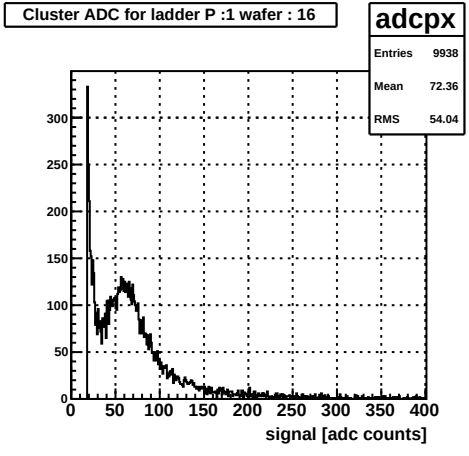

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 21824
Mean 66.26
RMS 52.7
signal [adc counts]

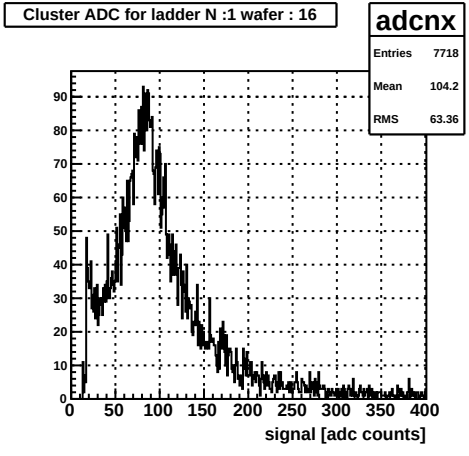

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 23932
Mean 65.63
RMS 56.93
signal [adc counts]

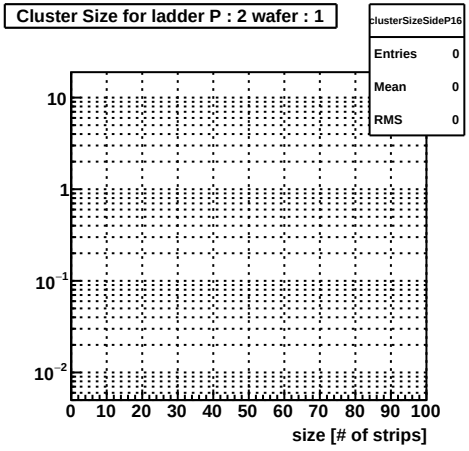

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 9938
Mean 1.407
RMS 0.717
size [# of strips]

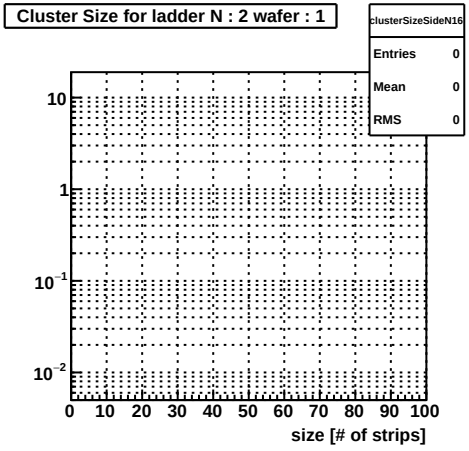

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 7718
Mean 1.774
RMS 0.9154
size [# of strips]

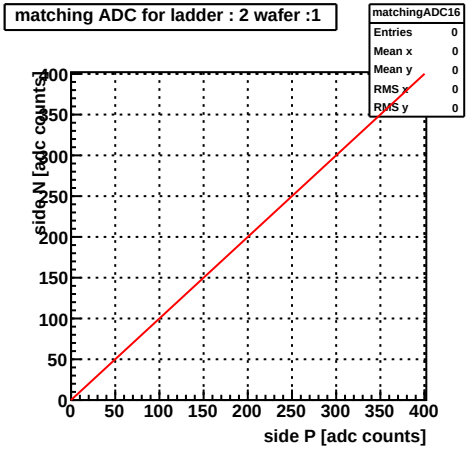

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 4994
Mean x 90.37
Mean y 101.1
RMS x 57.68
RMS y 60.32
side N [adc counts]
side P [adc counts]

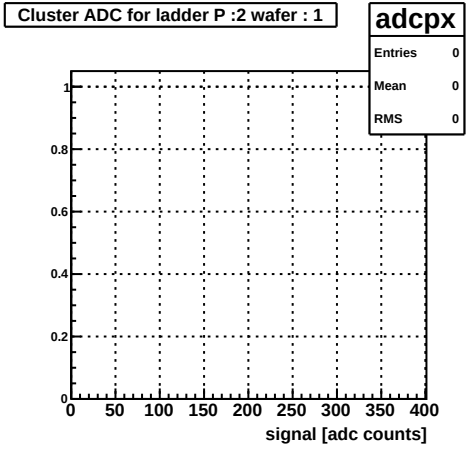

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 9938
Mean 72.36
RMS 54.04
signal [adc counts]

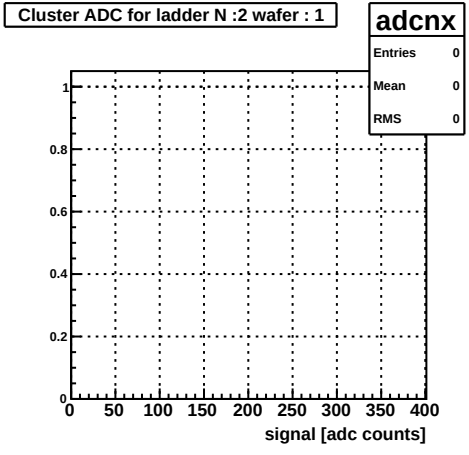

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 7718
Mean 104.2
RMS 63.36
signal [adc counts]

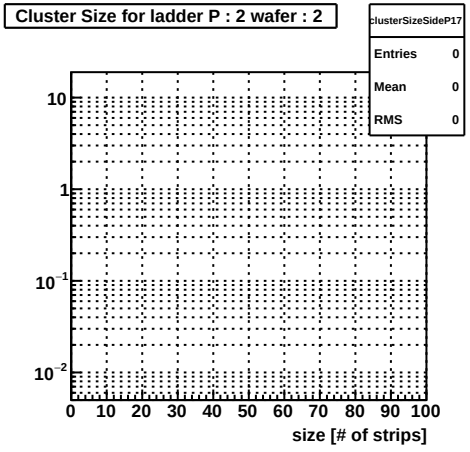

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

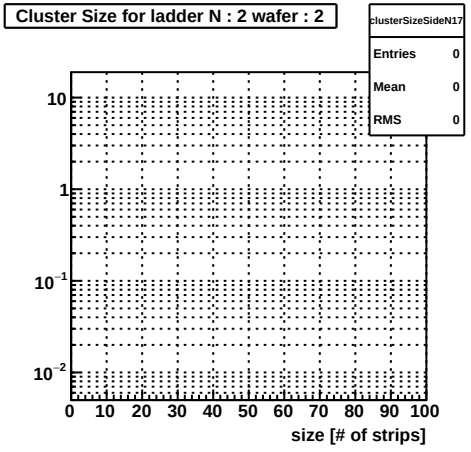

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

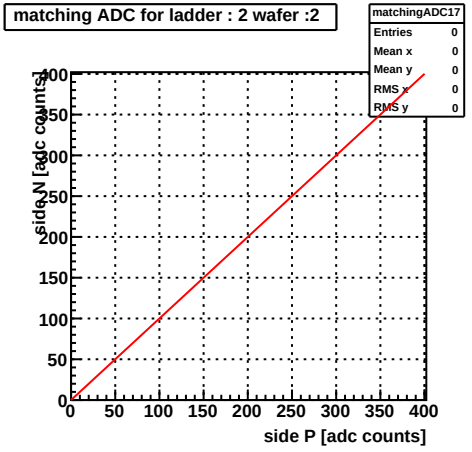

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

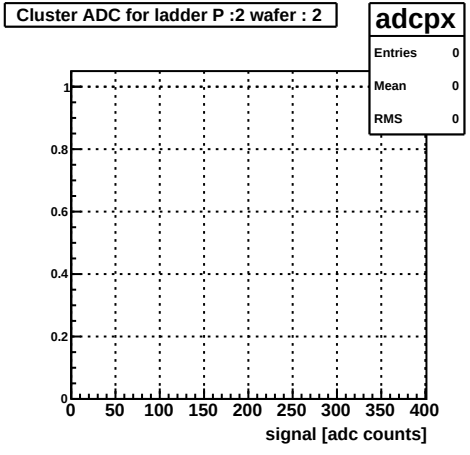

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

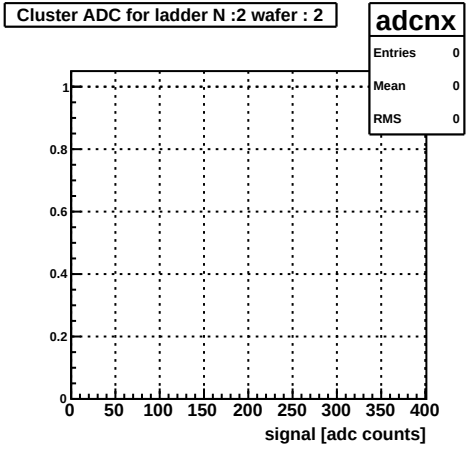

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

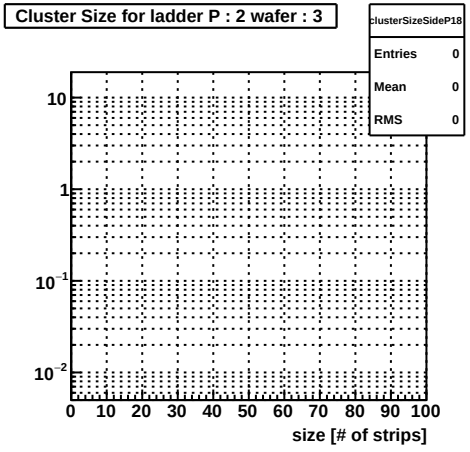

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

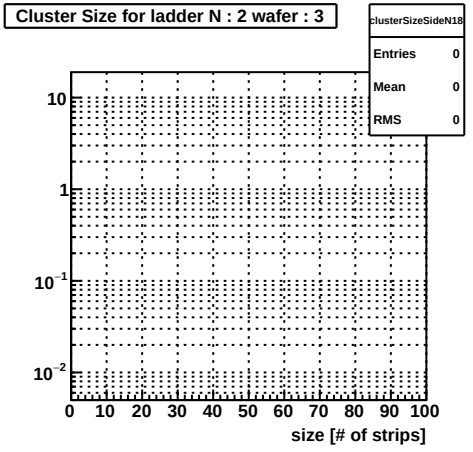

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

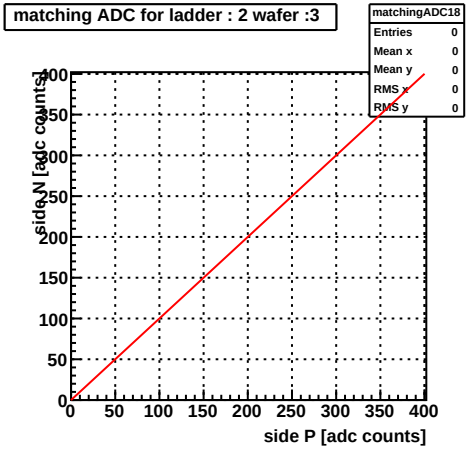

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

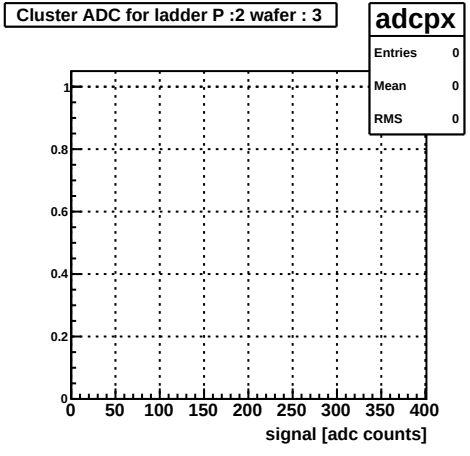

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

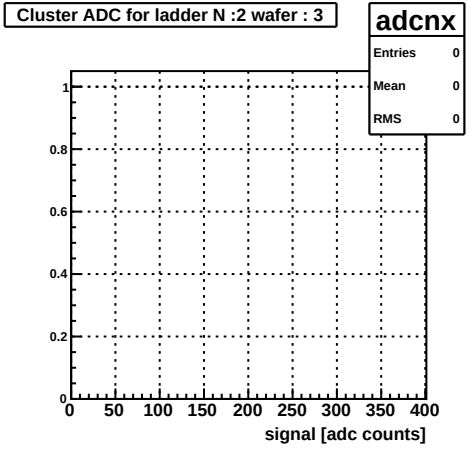

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

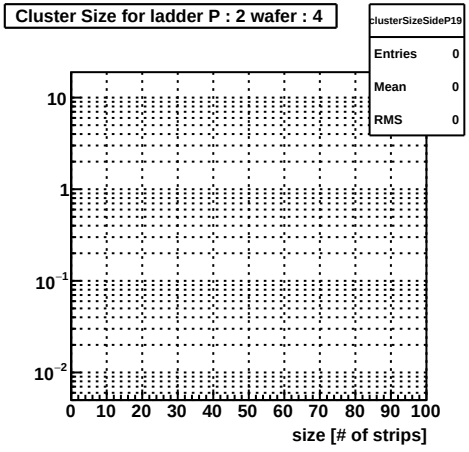

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

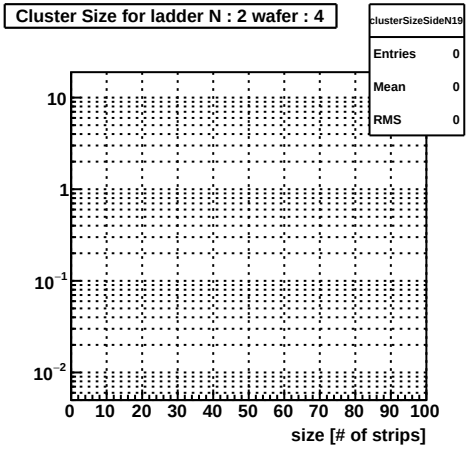

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

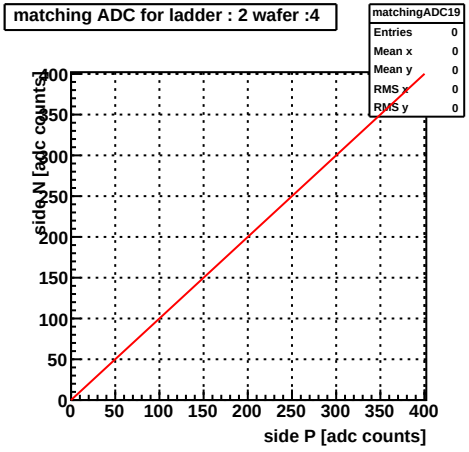

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

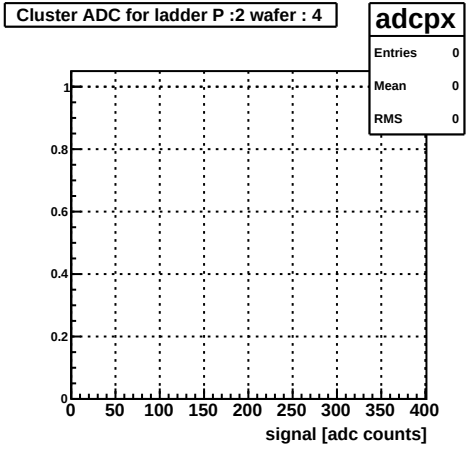

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

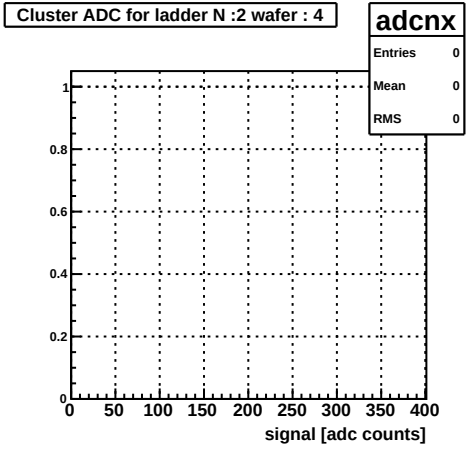

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

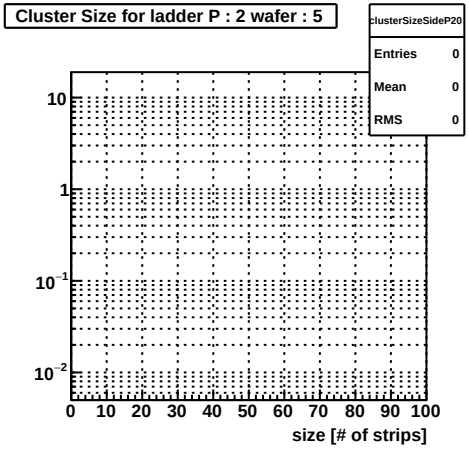

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

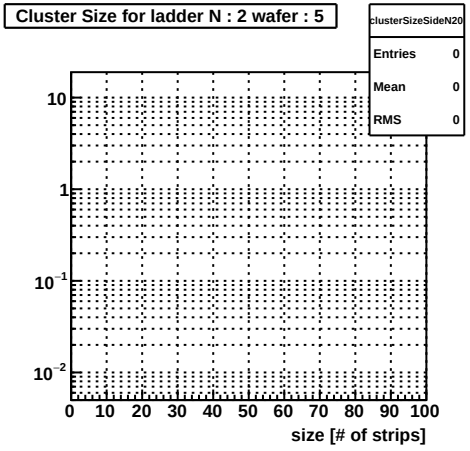

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

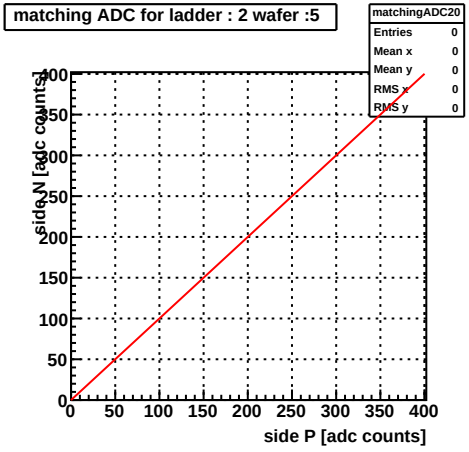

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

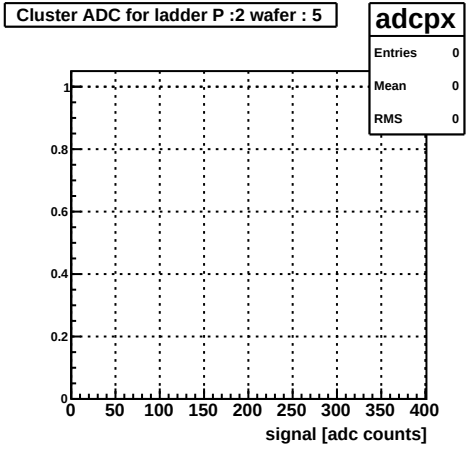

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

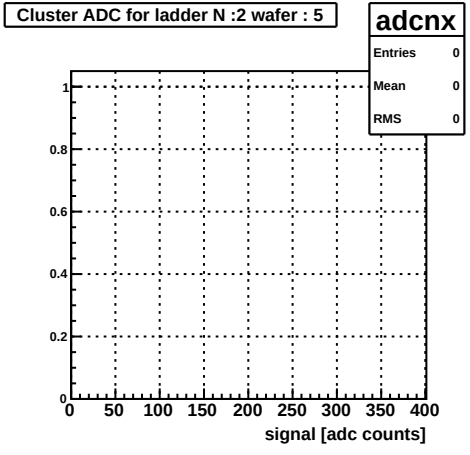

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

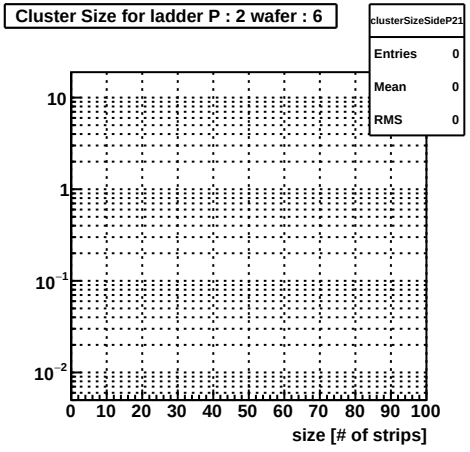

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

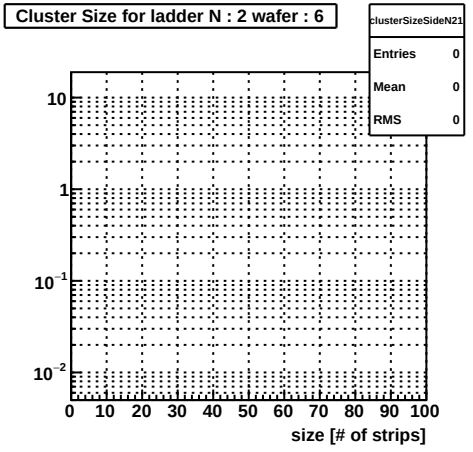

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

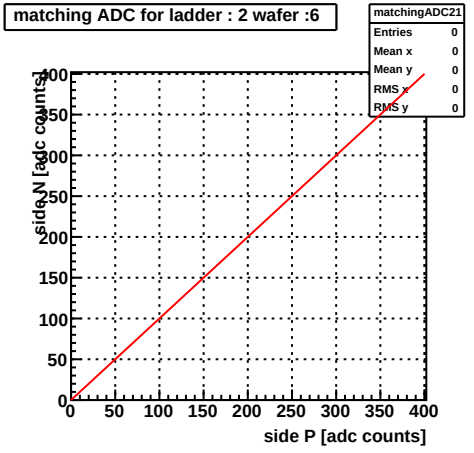

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

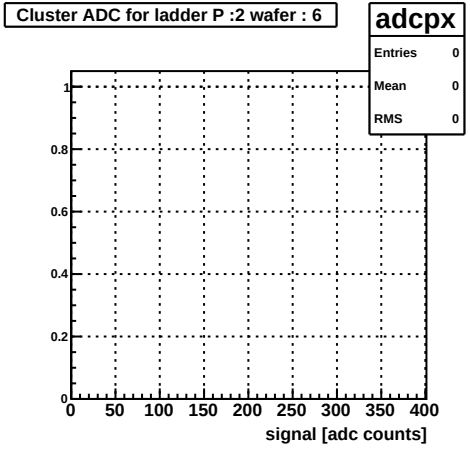

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

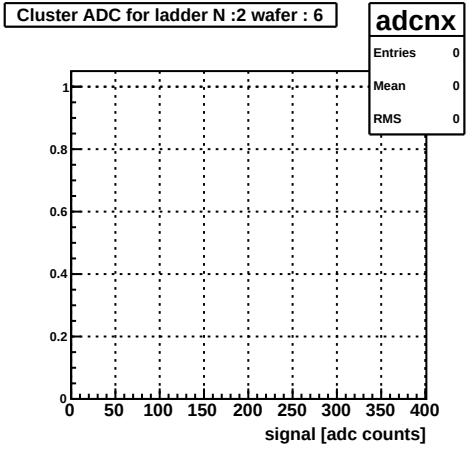

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

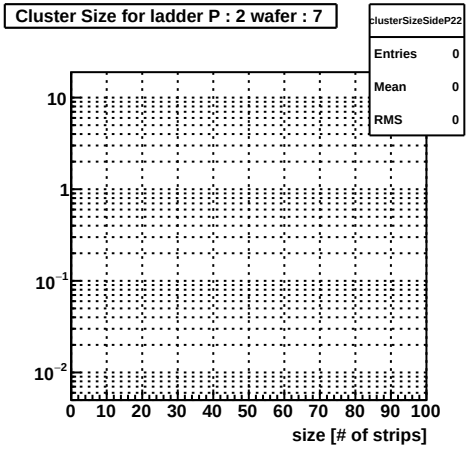

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

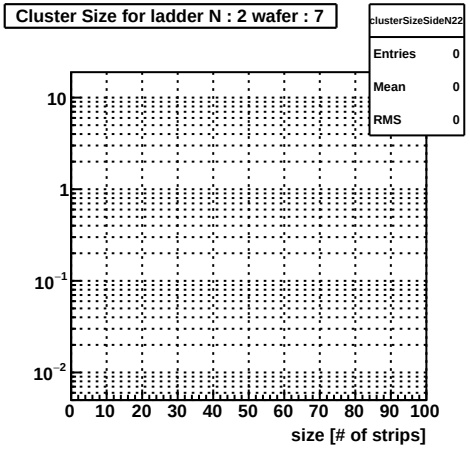

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

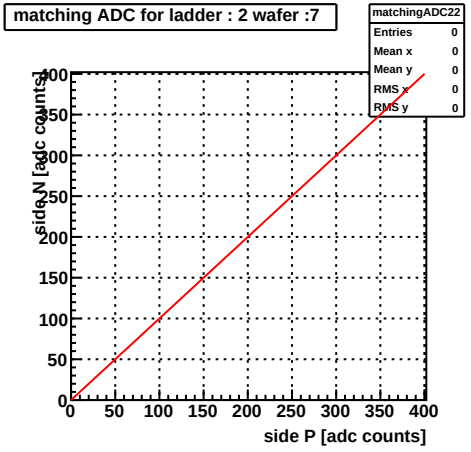

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

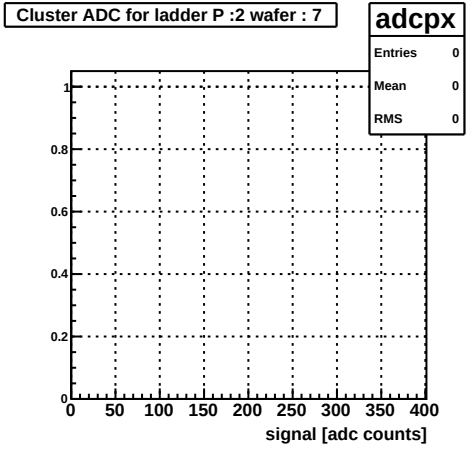

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

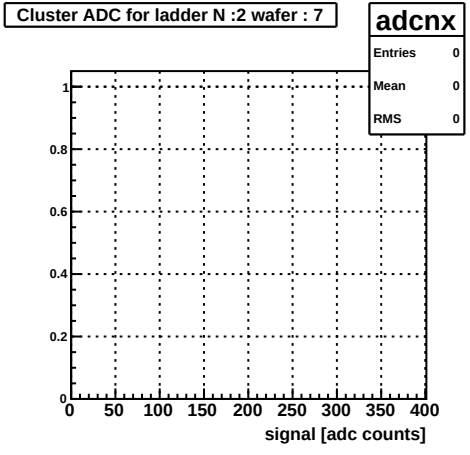

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

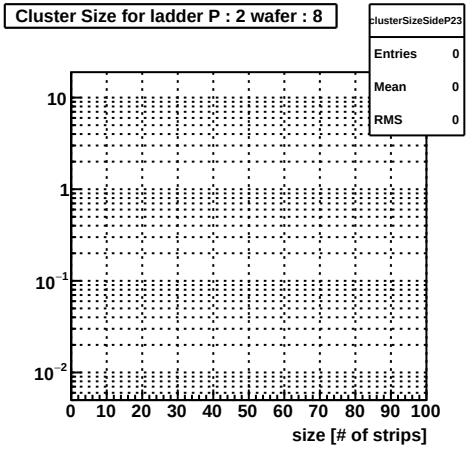

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

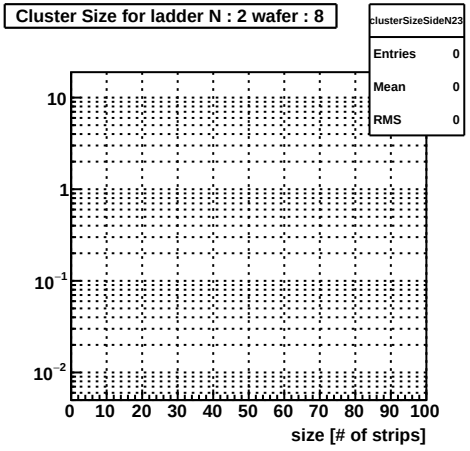

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

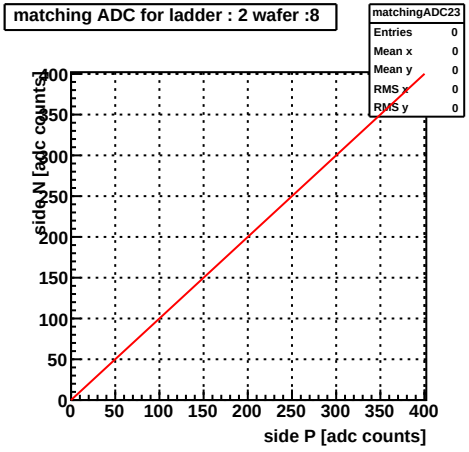

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

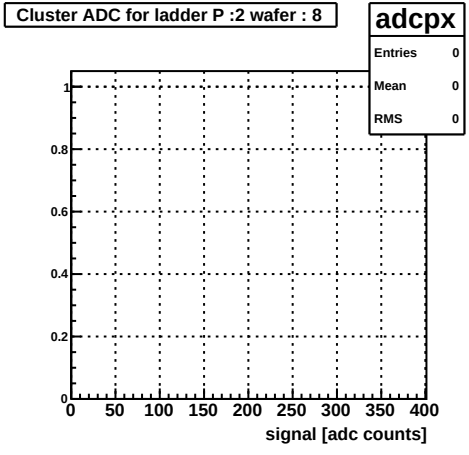

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

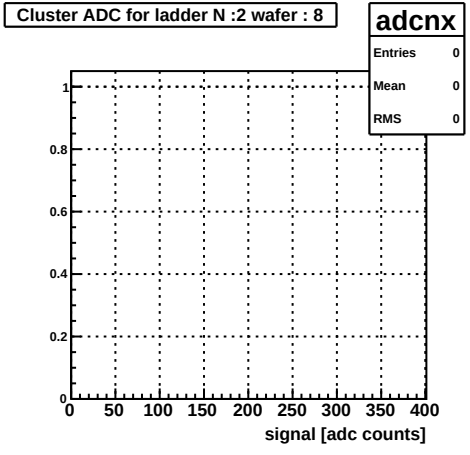

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

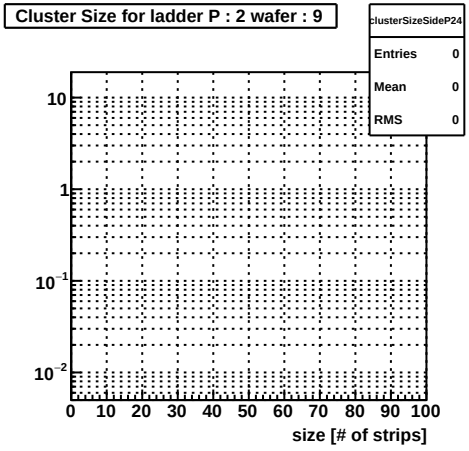

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

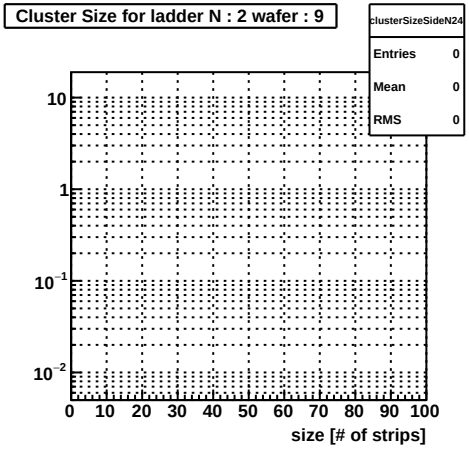

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

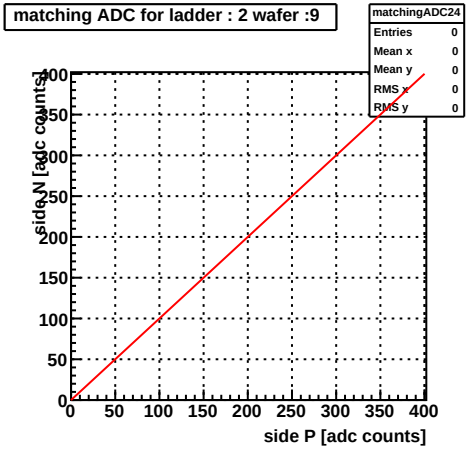

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

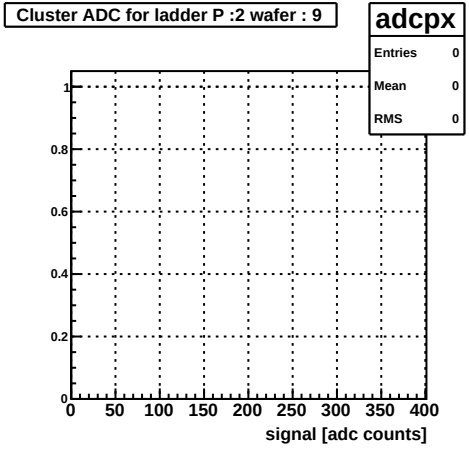

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

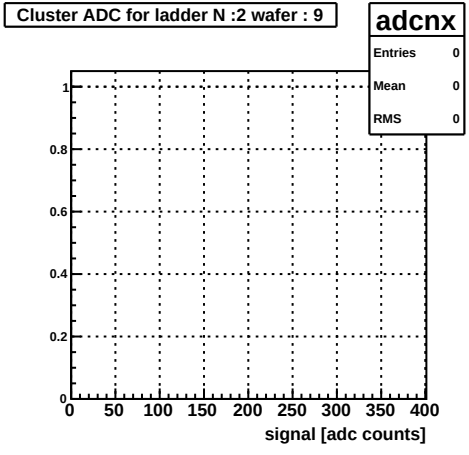

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

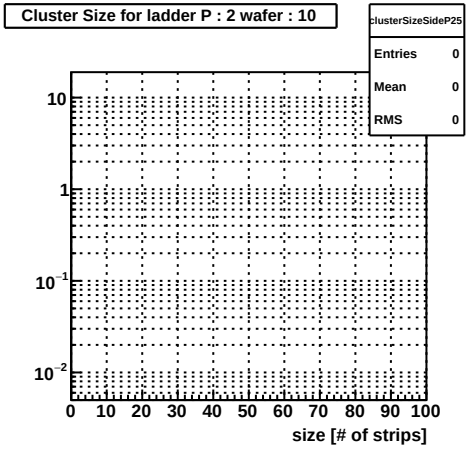

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

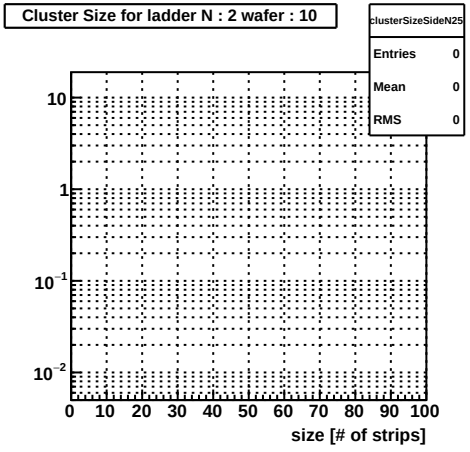

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

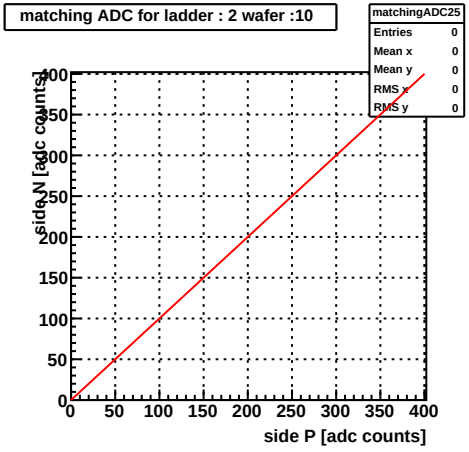

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

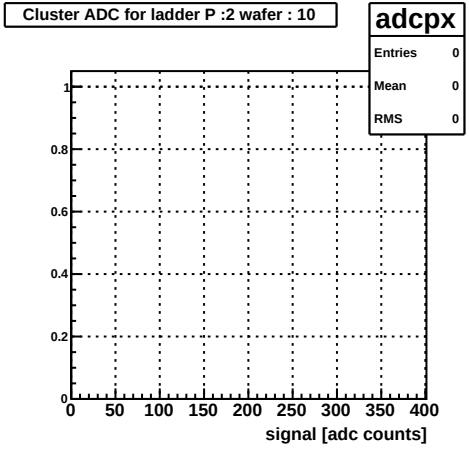

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

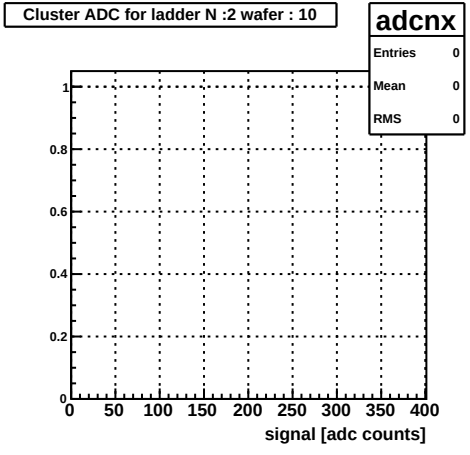

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

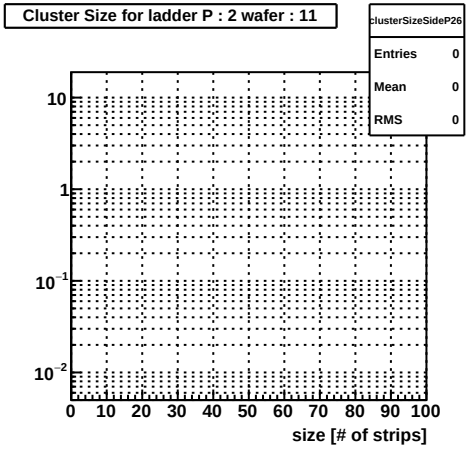

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

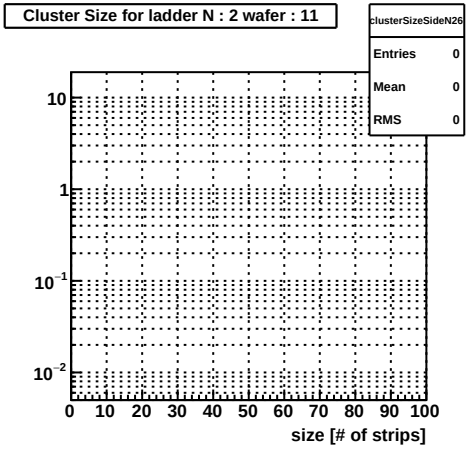

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

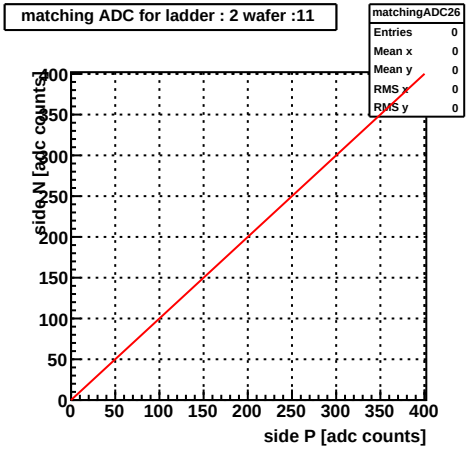

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

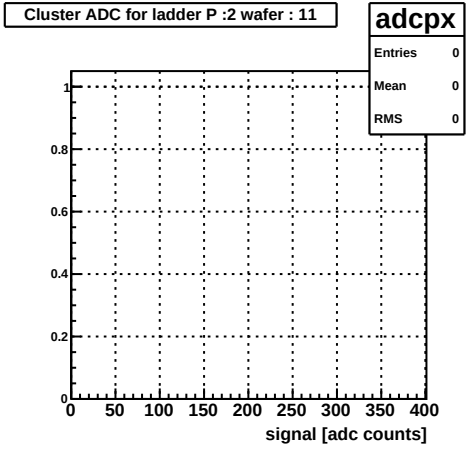

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

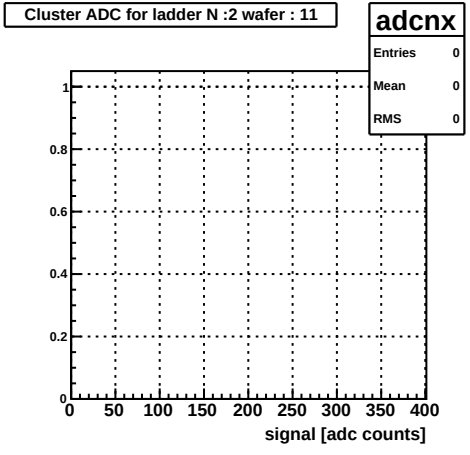

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

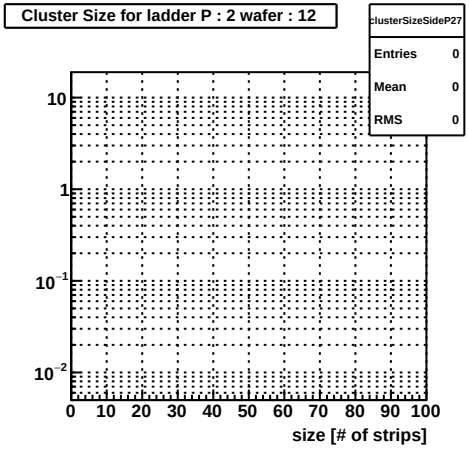

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

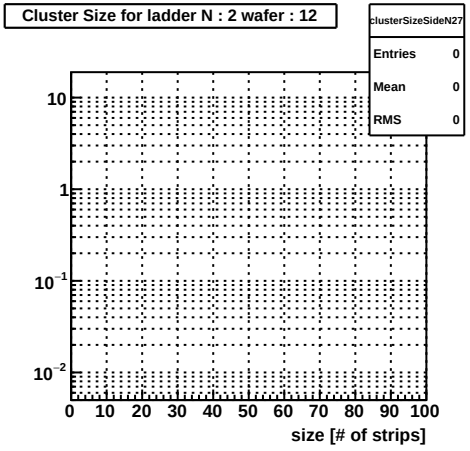

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

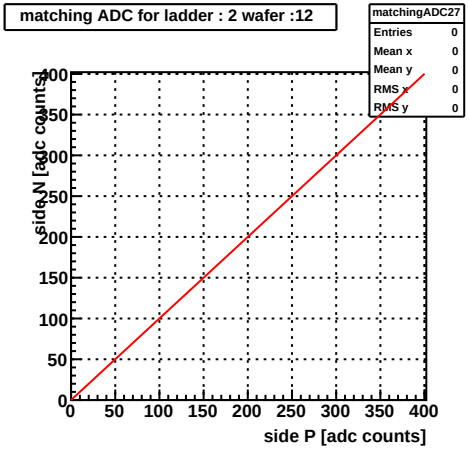

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

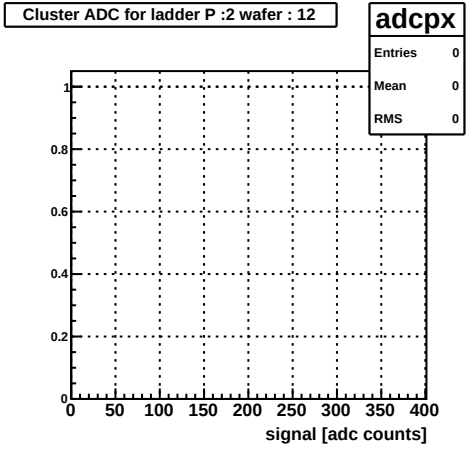

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

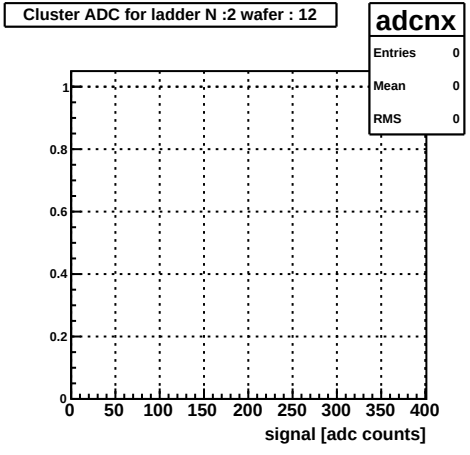

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

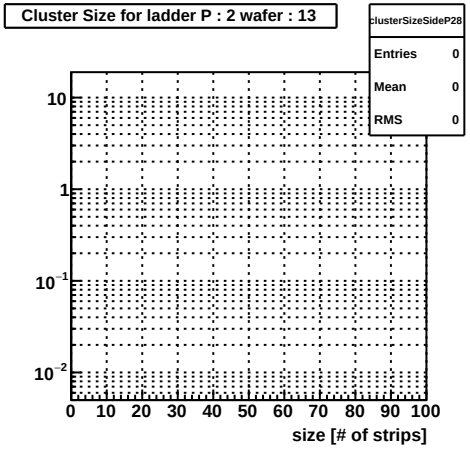

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

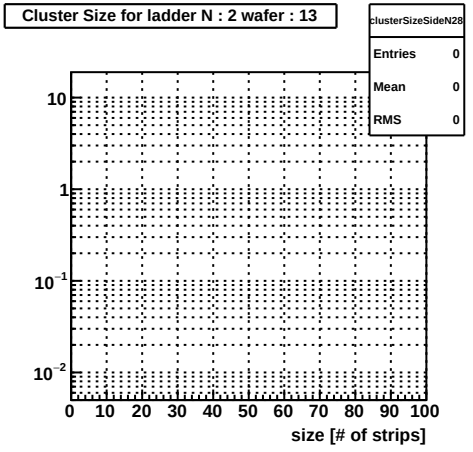

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

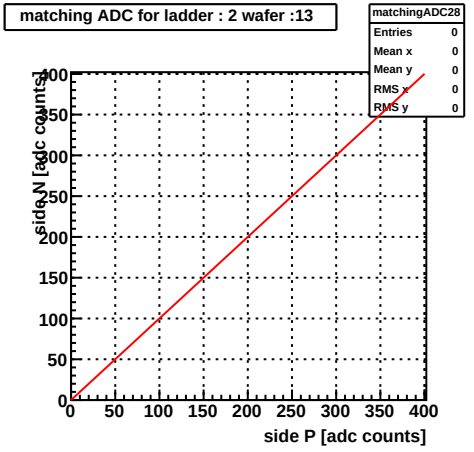

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

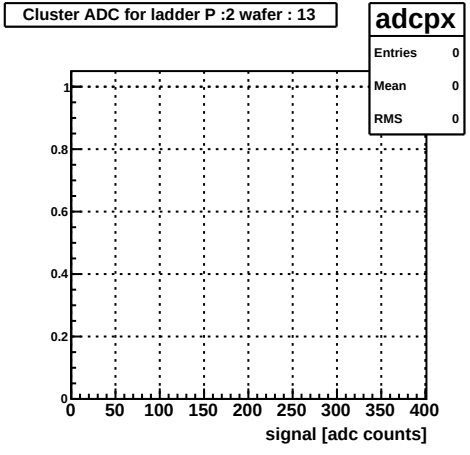

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

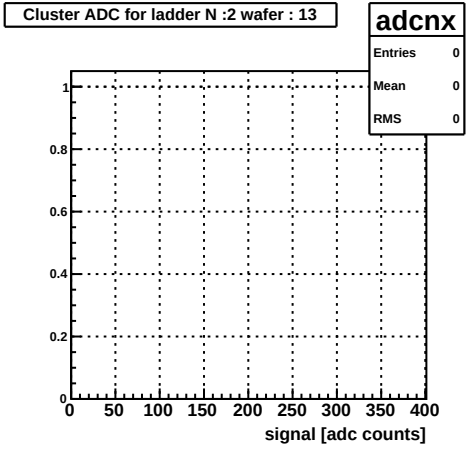

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

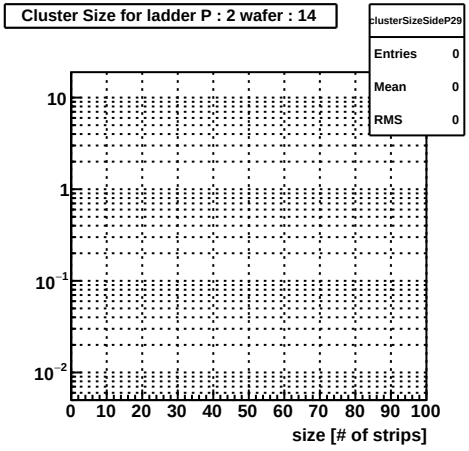

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

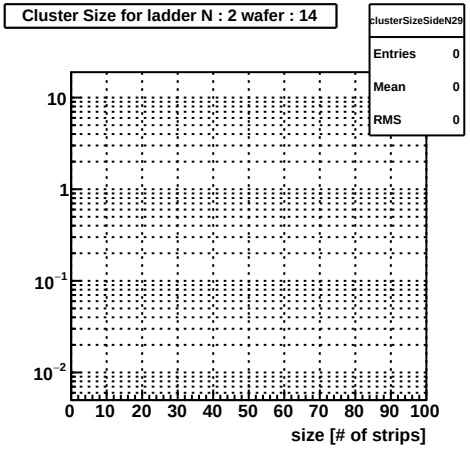

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

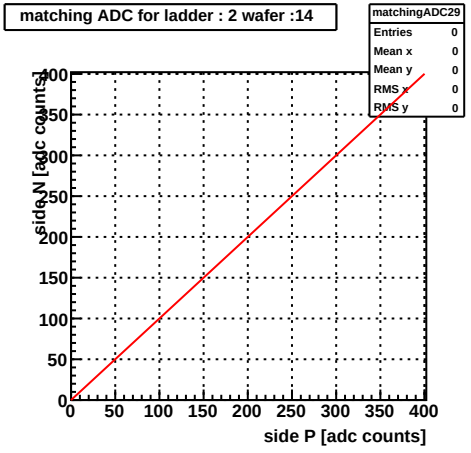

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

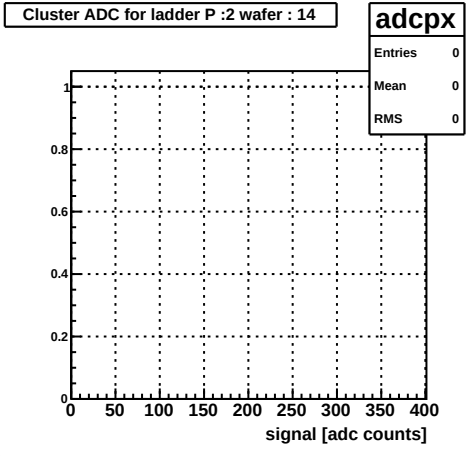

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

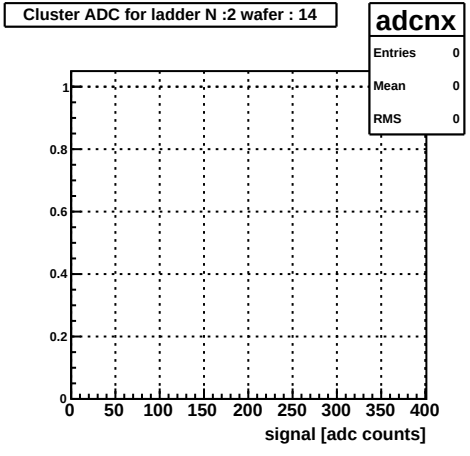

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

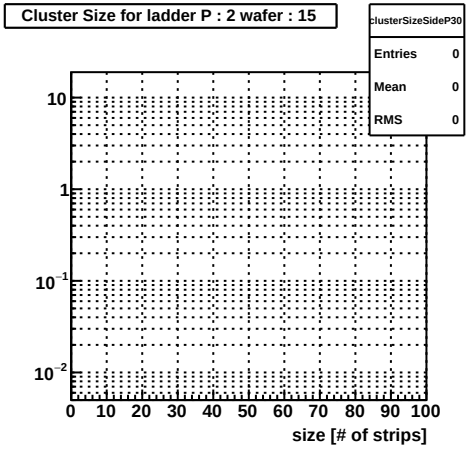

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

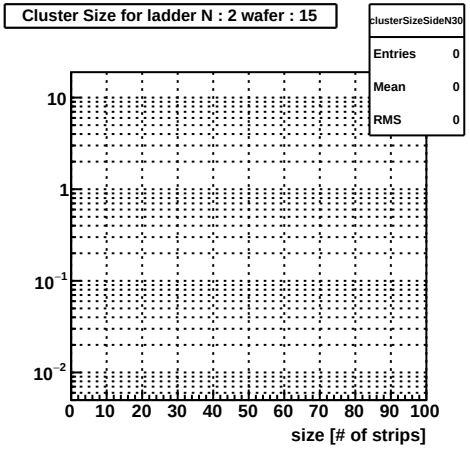

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

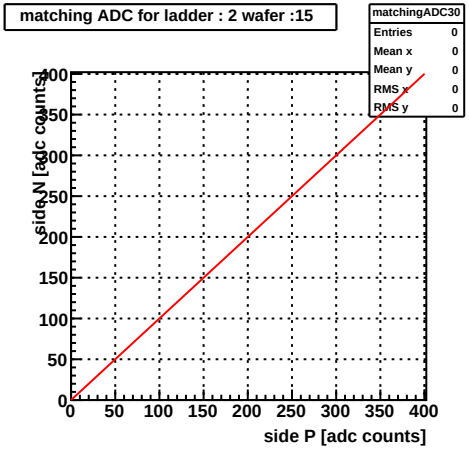

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

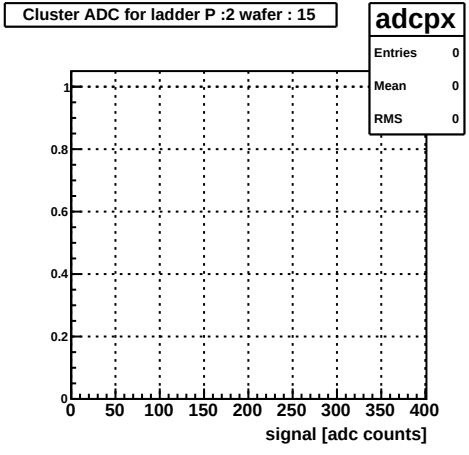

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

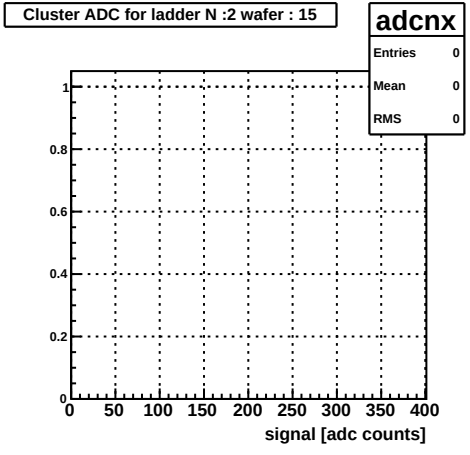

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

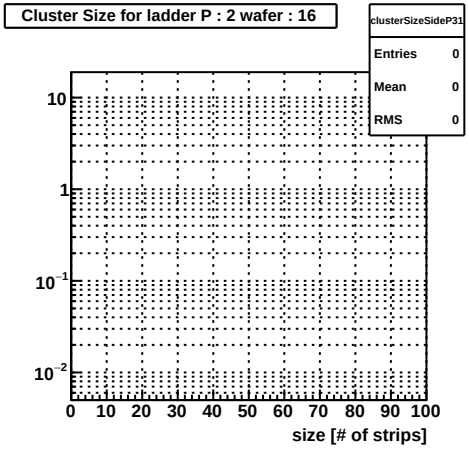

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

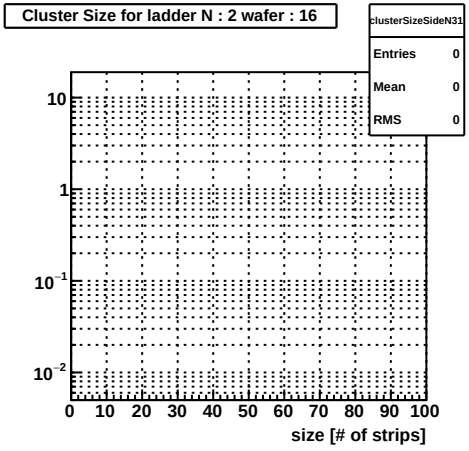

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

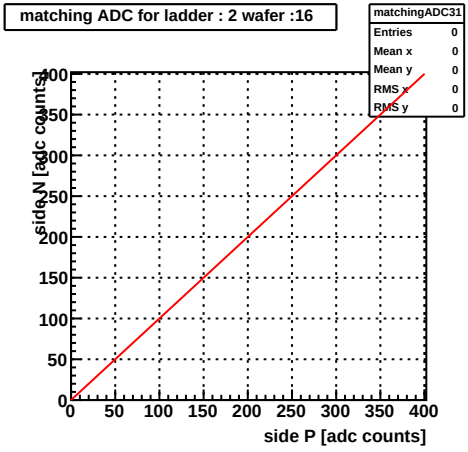

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

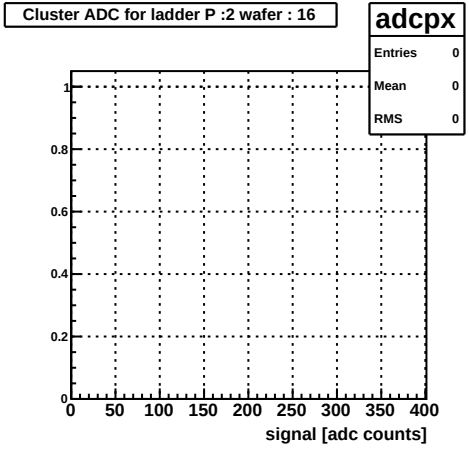

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

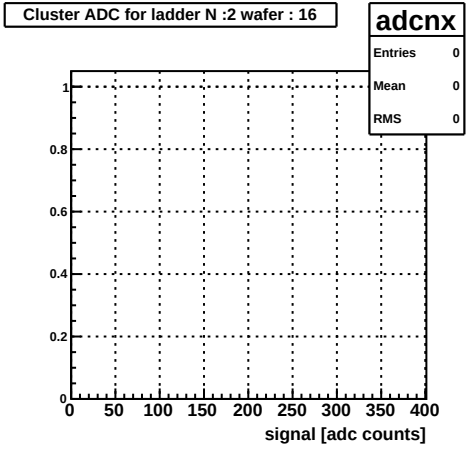

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

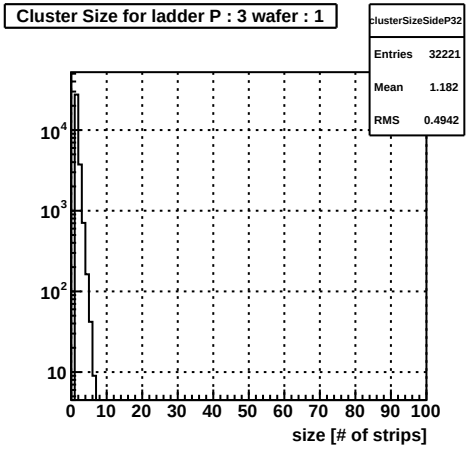

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

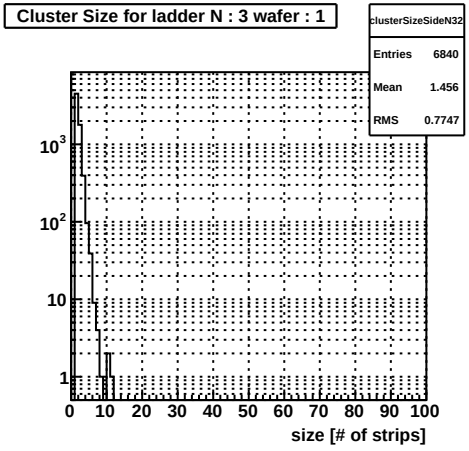

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

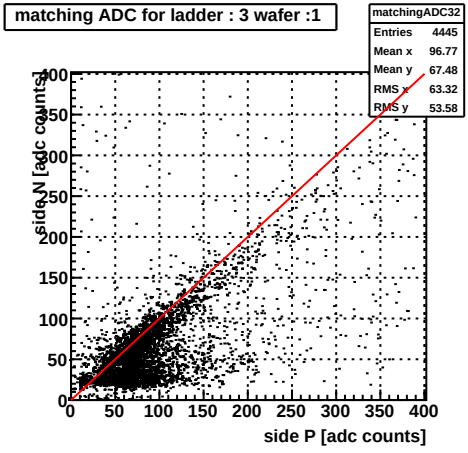

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

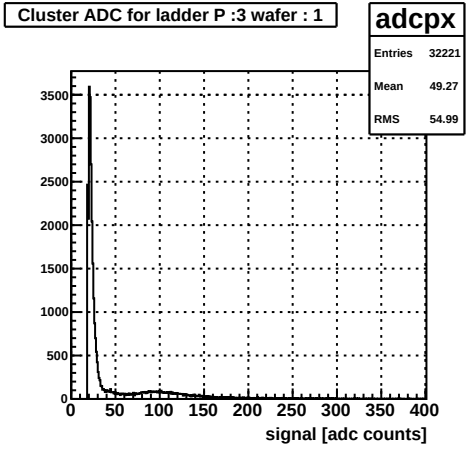

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

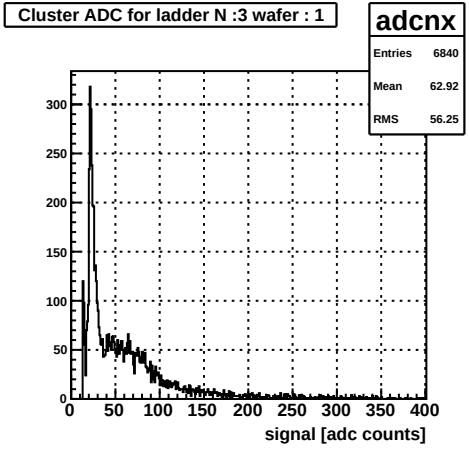

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

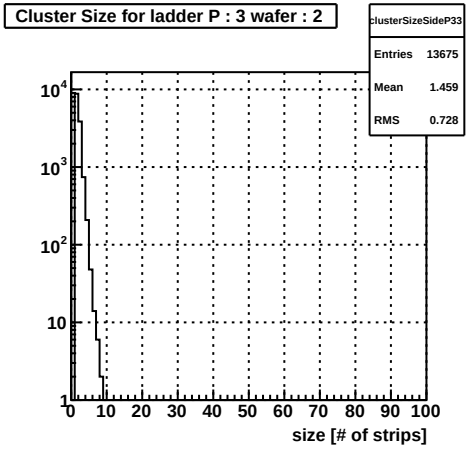

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 32221
Mean 1.182
RMS 0.4942
size [# of strips]

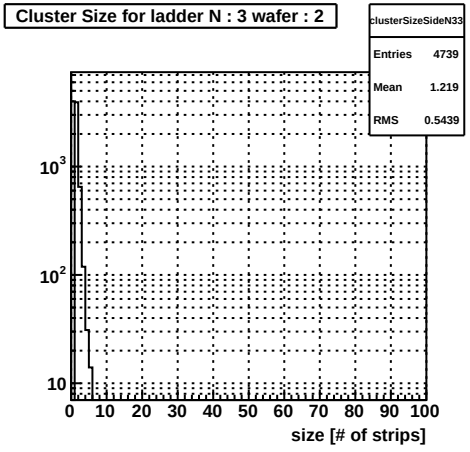

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 6840
Mean 1.456
RMS 0.7747
size [# of strips]

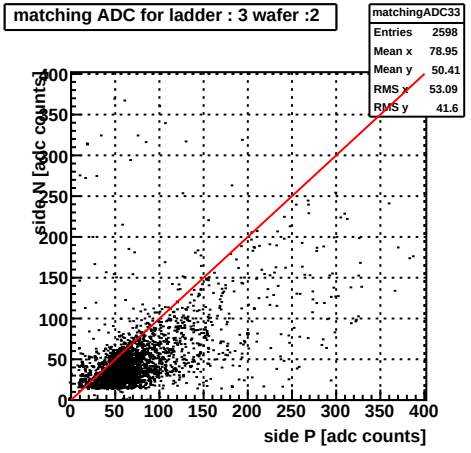

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 4445
Mean x 96.77
Mean y 67.48
RMS x 63.32
RMS y 53.58
side N [adc counts]
side P [adc counts]

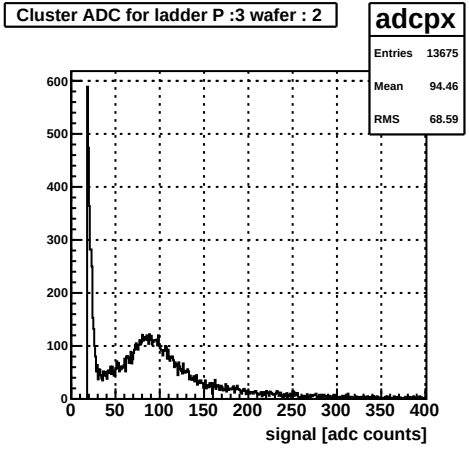

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 32221
Mean 49.27
RMS 54.99
signal [adc counts]

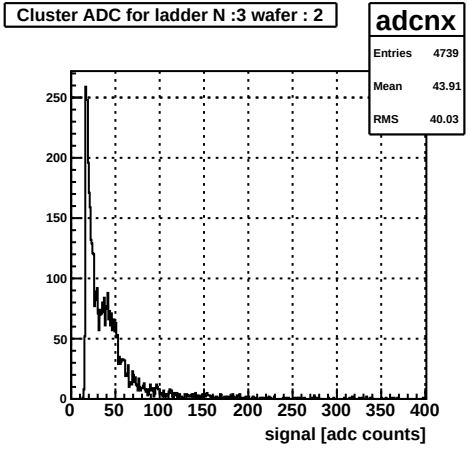

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 6840
Mean 62.92
RMS 56.25
signal [adc counts]

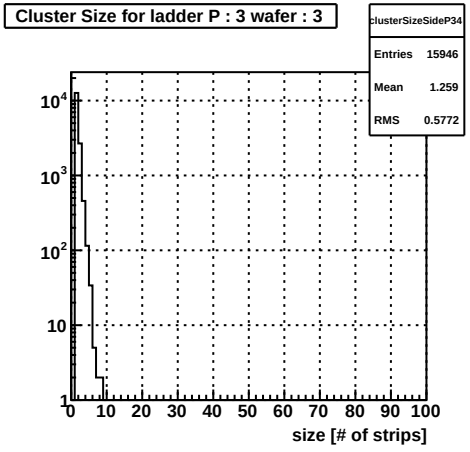

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 13675
Mean 1.459
RMS 0.728
size [# of strips]

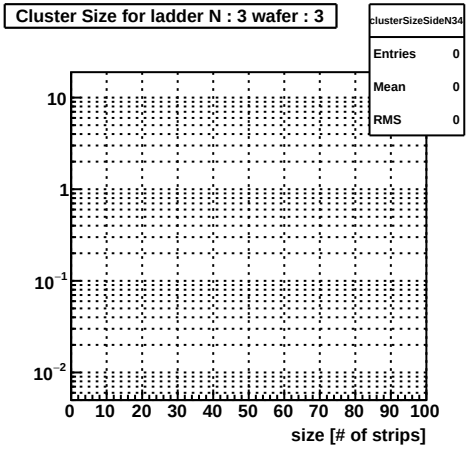

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 4739
Mean 1.219
RMS 0.5439
size [# of strips]

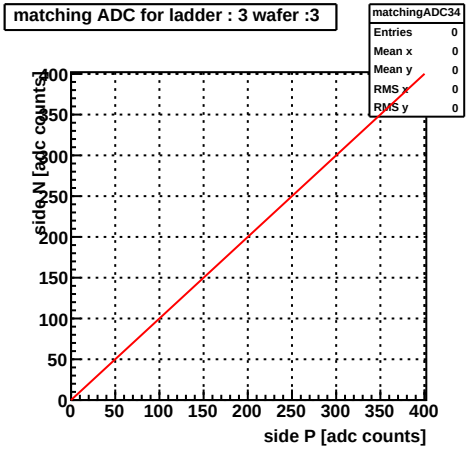

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 2598
Mean x 78.95
Mean y 50.41
RMS x 53.09
RMS y 41.6
side N [adc counts]
side P [adc counts]

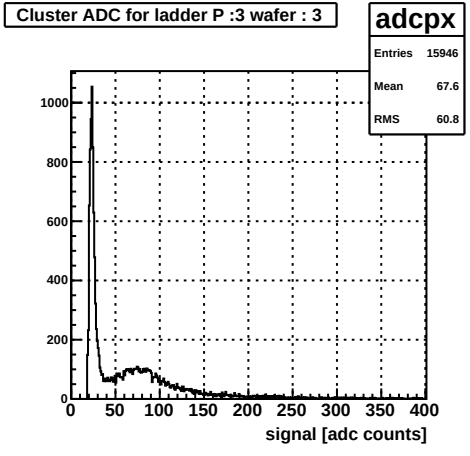

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 13675
Mean 94.46
RMS 68.59
signal [adc counts]

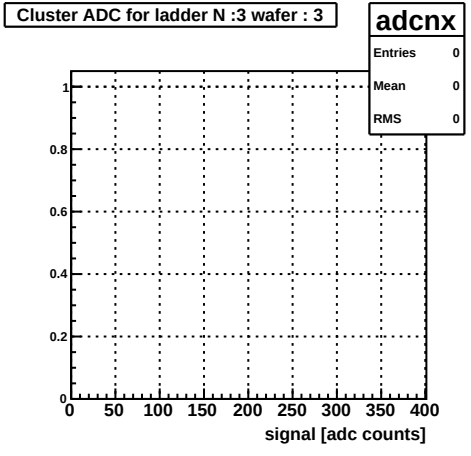

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 4739
Mean 43.91
RMS 40.03
signal [adc counts]

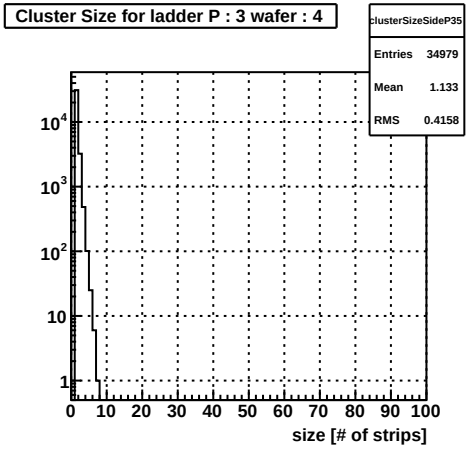

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 15946
Mean 1.259
RMS 0.5772
size [# of strips]

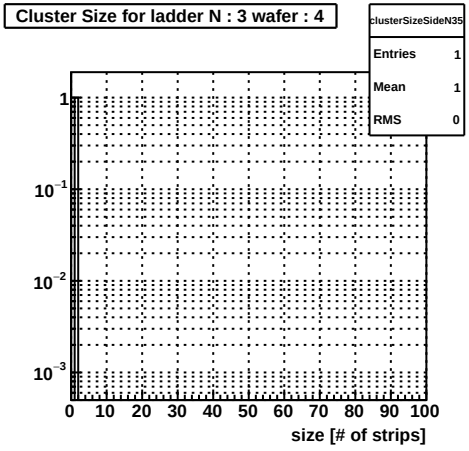

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

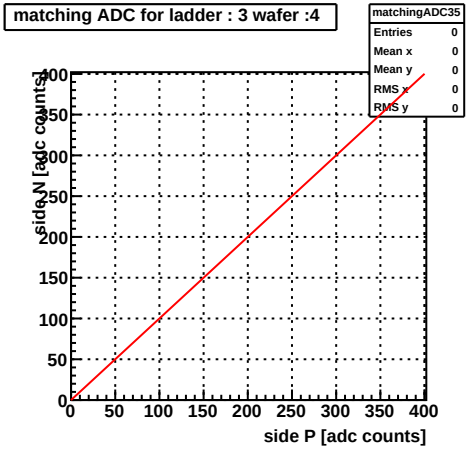

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

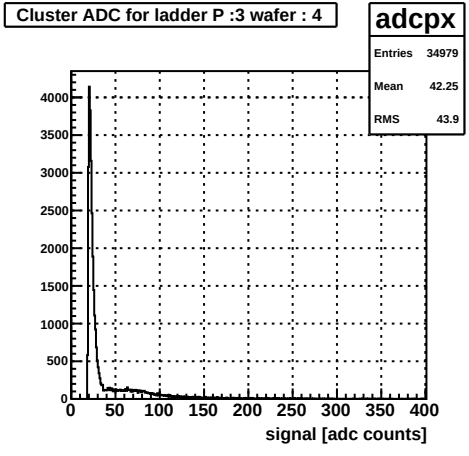

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 15946
Mean 67.6
RMS 60.8
signal [adc counts]

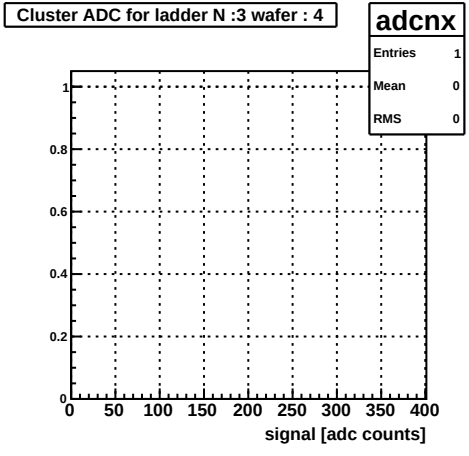

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

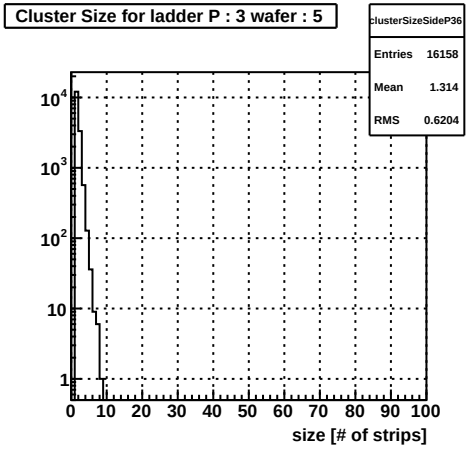

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 34979
Mean 1.133
RMS 0.4158
size [# of strips]

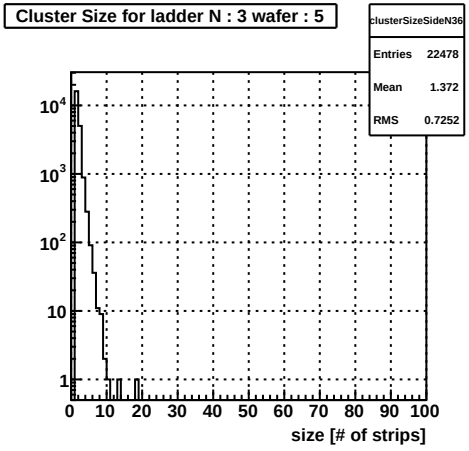

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

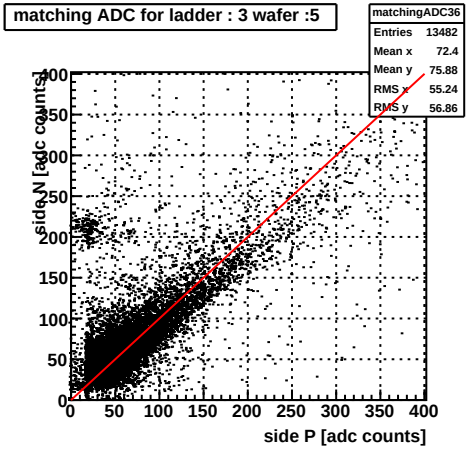

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

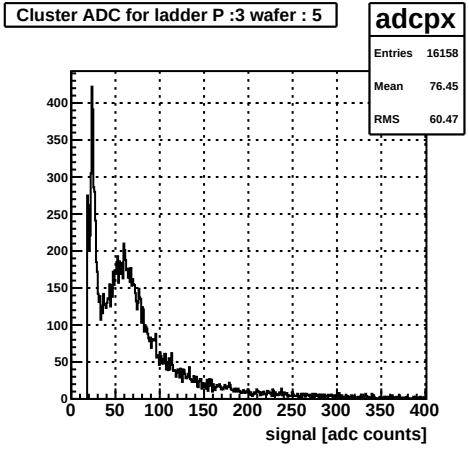

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 34979
Mean 42.25
RMS 43.9
signal [adc counts]

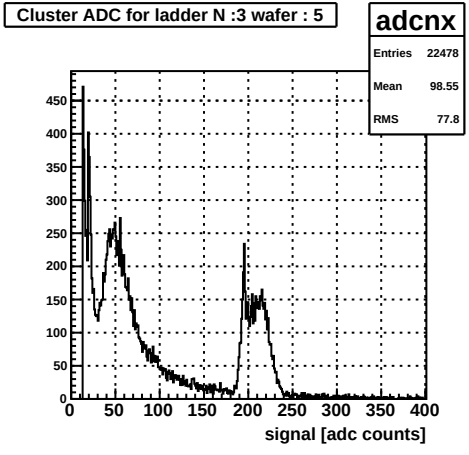

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

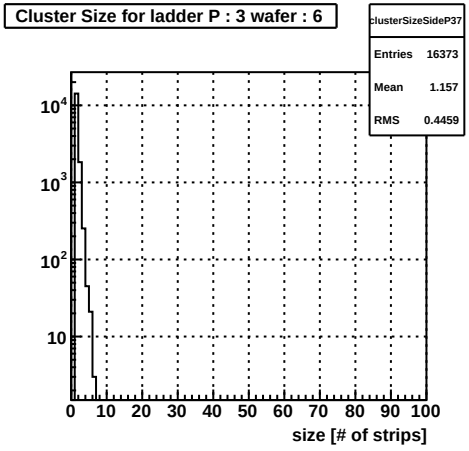

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 16158
Mean 1.314
RMS 0.6204
size [# of strips]

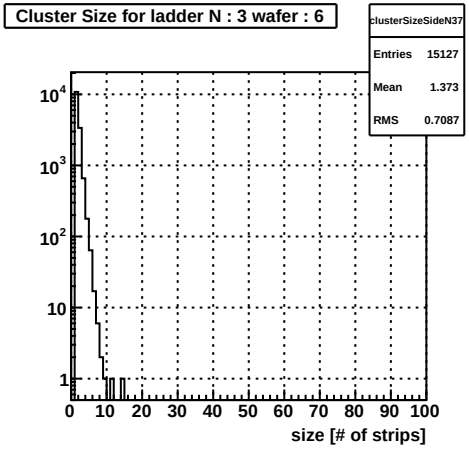

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 22478
Mean 1.372
RMS 0.7252
size [# of strips]

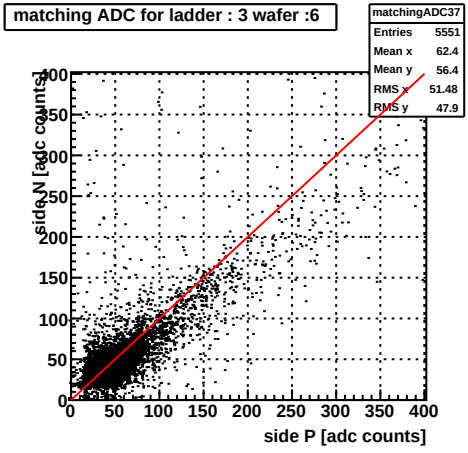

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 13482
Mean x 72.4
Mean y 75.88
RMS x 55.24
RMS y 56.86
side N [adc counts]
side P [adc counts]

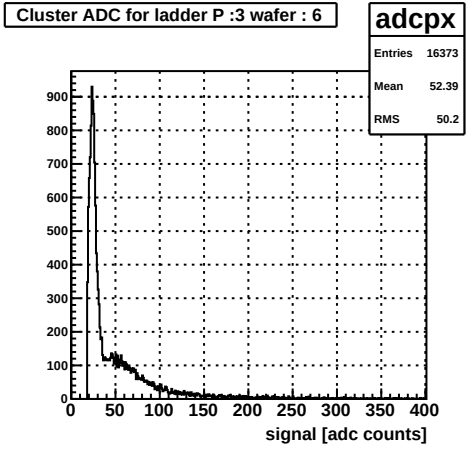

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 16158
Mean 76.45
RMS 60.47
signal [adc counts]

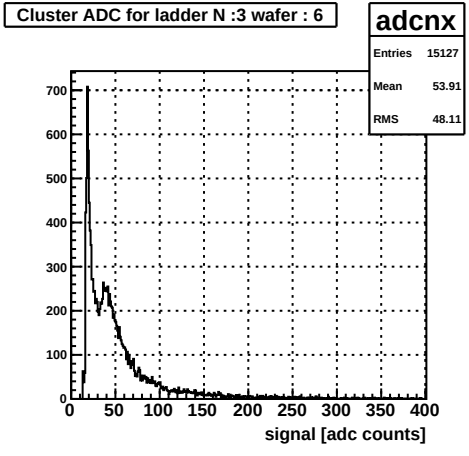

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 22478
Mean 98.55
RMS 77.8
signal [adc counts]

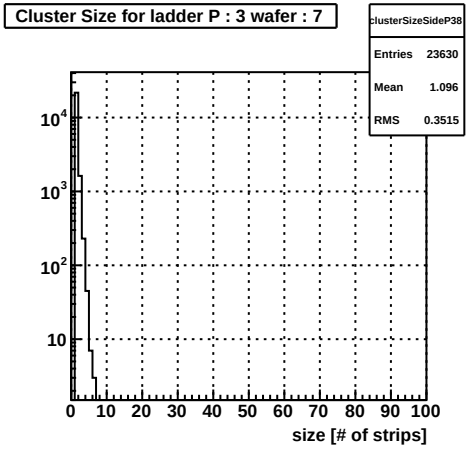

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 16373
Mean 1.157
RMS 0.4459
size [# of strips]

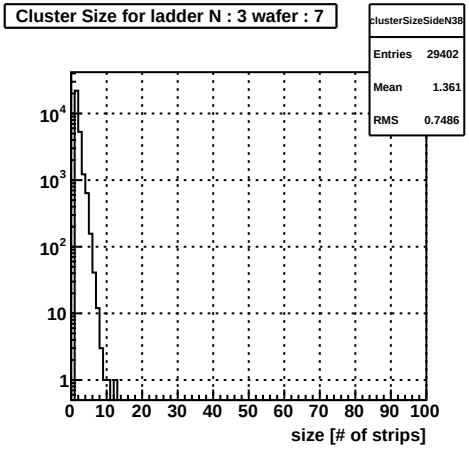

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 15127
Mean 1.373
RMS 0.7087
size [# of strips]

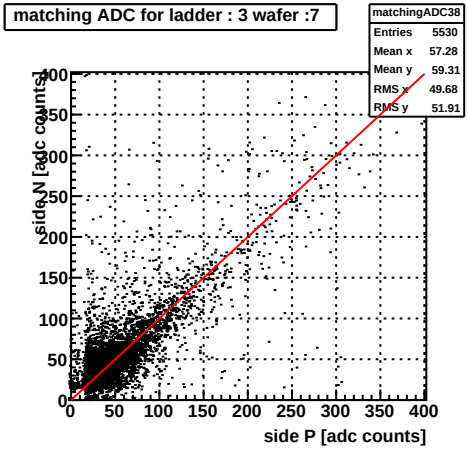

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 5551
Mean x 62.4
Mean y 56.4
RMS x 51.48
RMS y 47.9
side N [adc counts]
side P [adc counts]

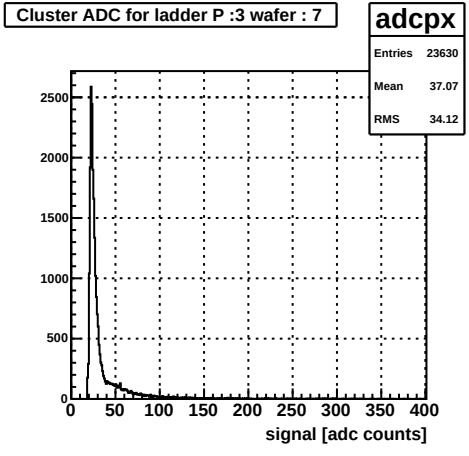

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 16373
Mean 52.39
RMS 50.2
signal [adc counts]

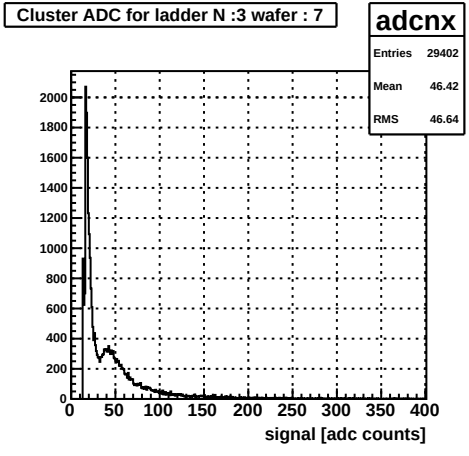

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 15127
Mean 53.91
RMS 48.11
signal [adc counts]

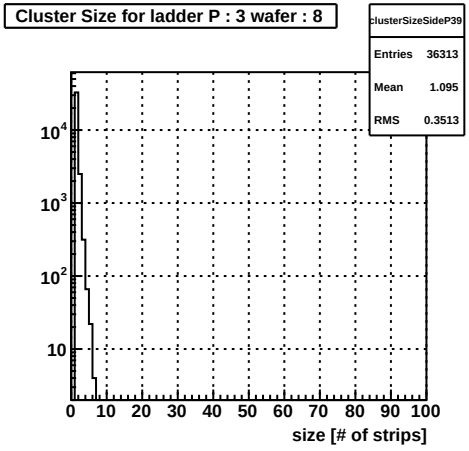

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 23630
Mean 1.096
RMS 0.3515
size [# of strips]

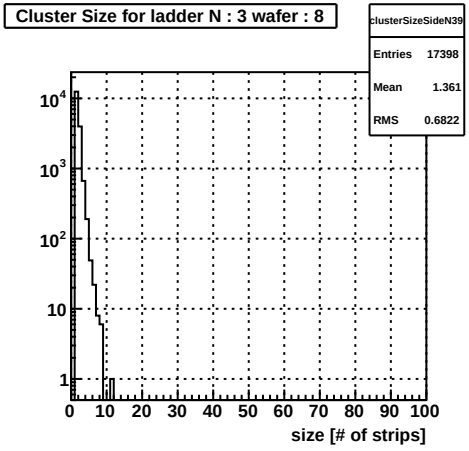

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 29402
Mean 1.361
RMS 0.7486
size [# of strips]

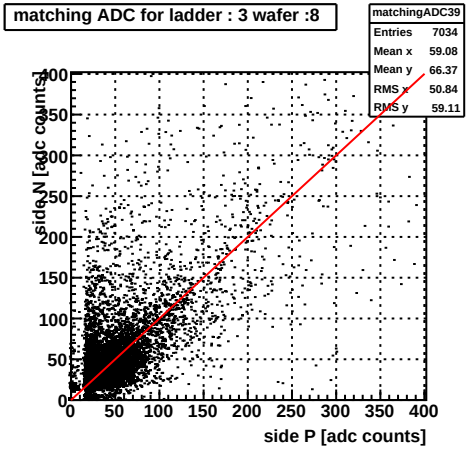

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 5530
Mean x 57.28
Mean y 59.31
RMS x 49.68
RMS y 51.91
side N [adc counts]
side P [adc counts]

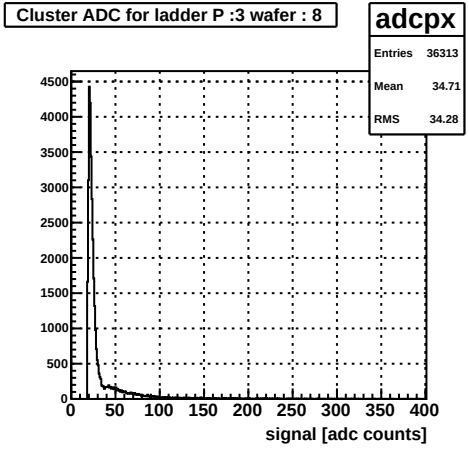

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 23630
Mean 37.07
RMS 34.12
signal [adc counts]

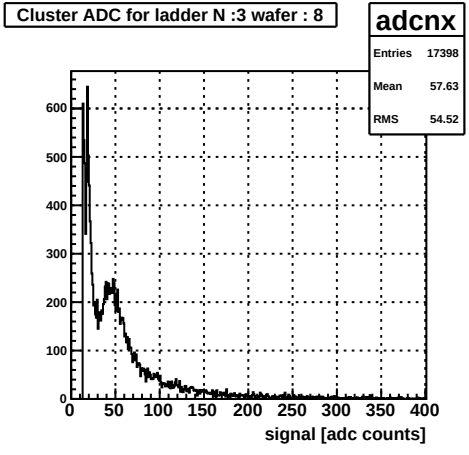

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 29402
Mean 46.42
RMS 46.64
signal [adc counts]

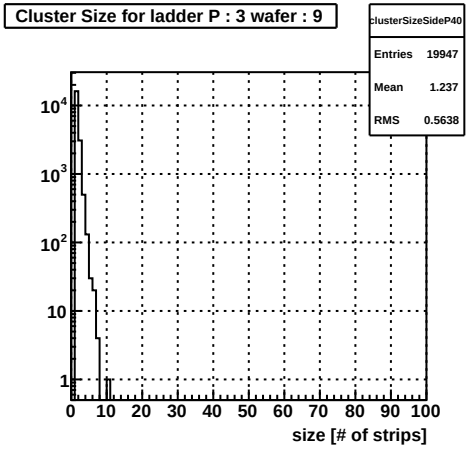

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 36313
Mean 1.095
RMS 0.3513
size [# of strips]

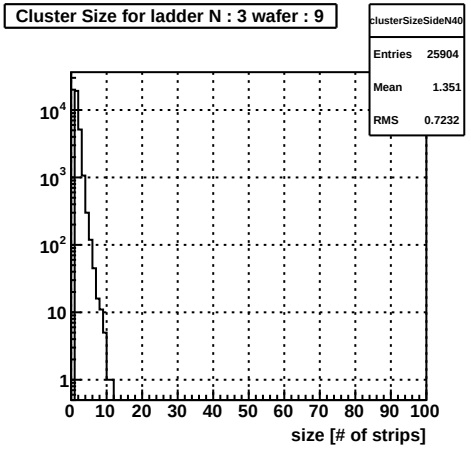

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 17398
Mean 1.361
RMS 0.6822
size [# of strips]

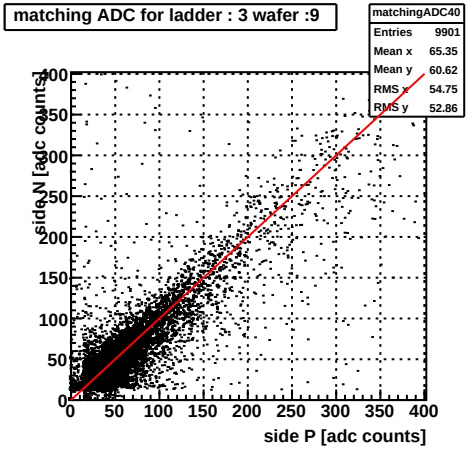

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 7034
Mean x 59.08
Mean y 66.37
RMS x 50.84
RMS y 59.11
side N [adc counts]
side P [adc counts]

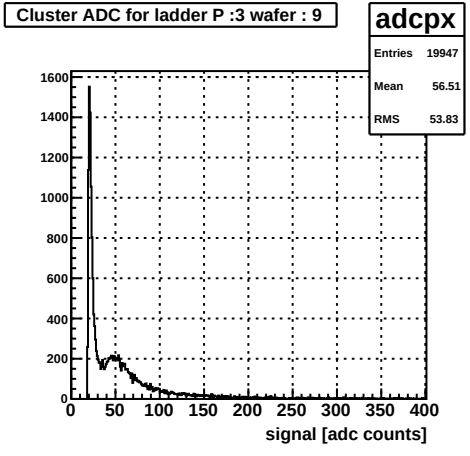

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 36313
Mean 34.71
RMS 34.28
signal [adc counts]

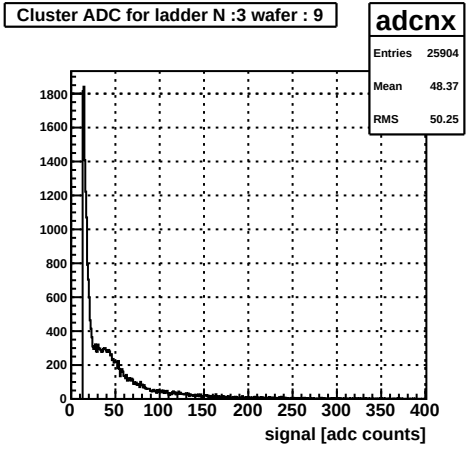

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 17398
Mean 57.63
RMS 54.52
signal [adc counts]

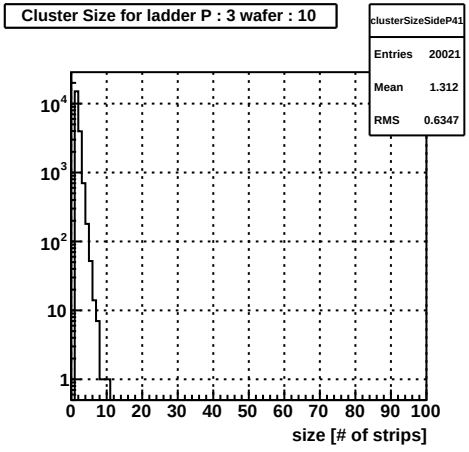

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 19947
Mean 1.237
RMS 0.5638
size [# of strips]

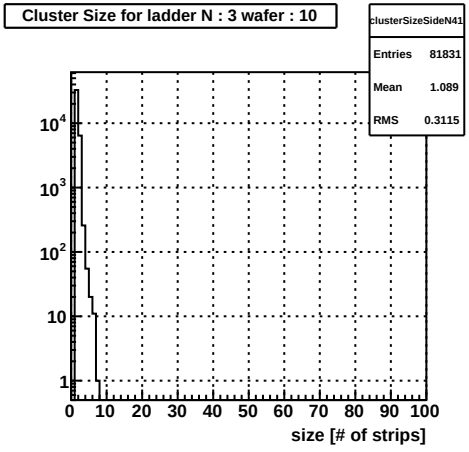

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 25904
Mean 1.351
RMS 0.7232
size [# of strips]

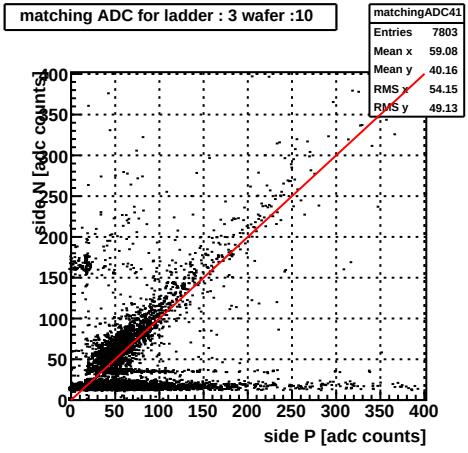

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 9901
Mean x 65.35
Mean y 60.62
RMS x 54.75
RMS y 52.86
side N [adc counts]
side P [adc counts]

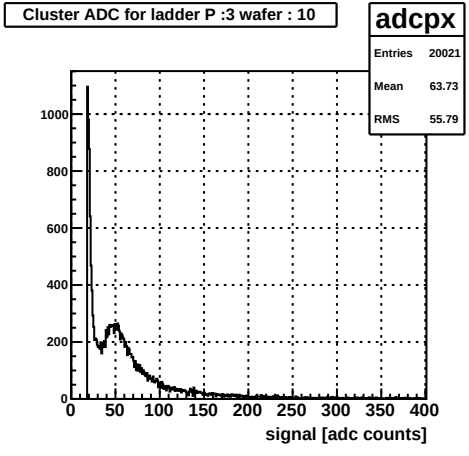

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 19947
Mean 56.51
RMS 53.83
signal [adc counts]

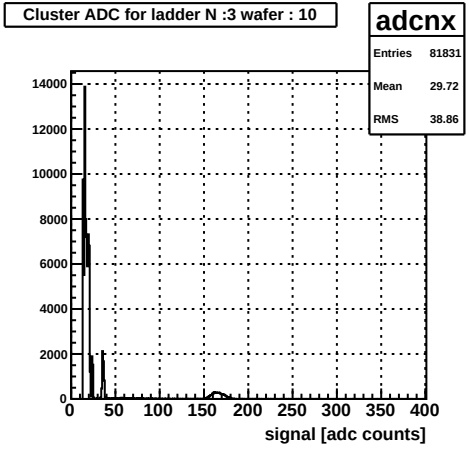

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 25904
Mean 48.37
RMS 50.25
signal [adc counts]

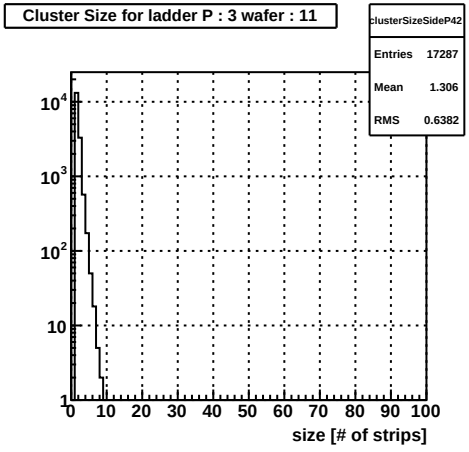

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 20021
Mean 1.312
RMS 0.6347
size [# of strips]

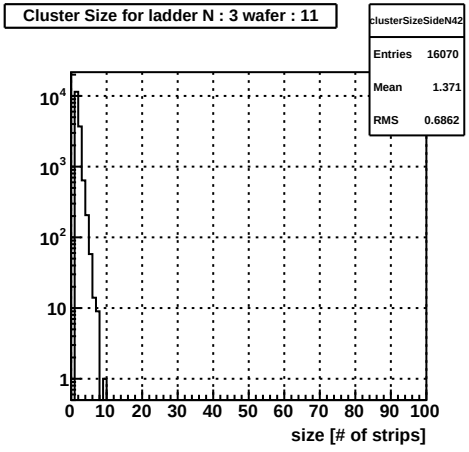

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 81831
Mean 1.089
RMS 0.3115
size [# of strips]

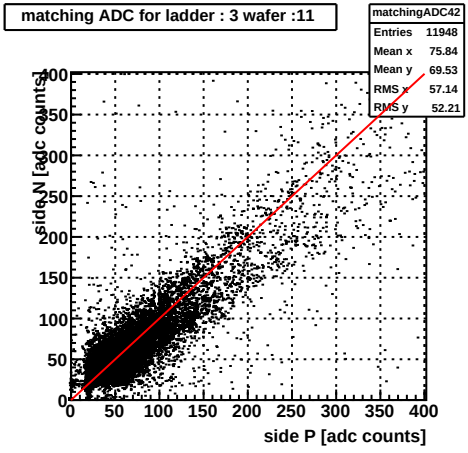

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7803
Mean x 59.08
Mean y 40.16
RMS x 54.15
RMS y 49.13
side N [adc counts]
side P [adc counts]

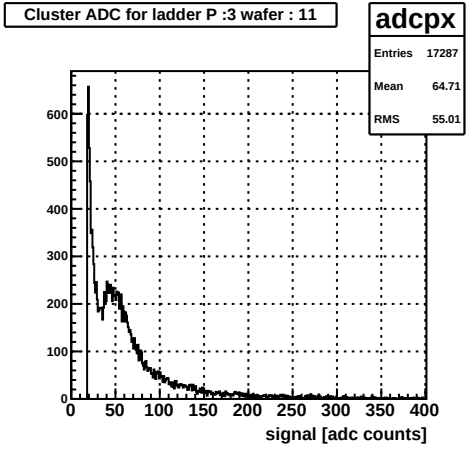

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 20021
Mean 63.73
RMS 55.79
signal [adc counts]

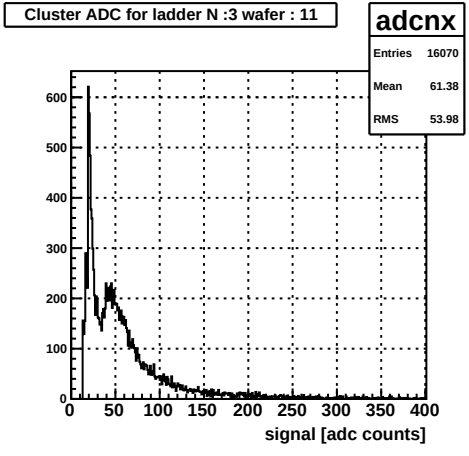

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 81831
Mean 29.72
RMS 38.86
signal [adc counts]

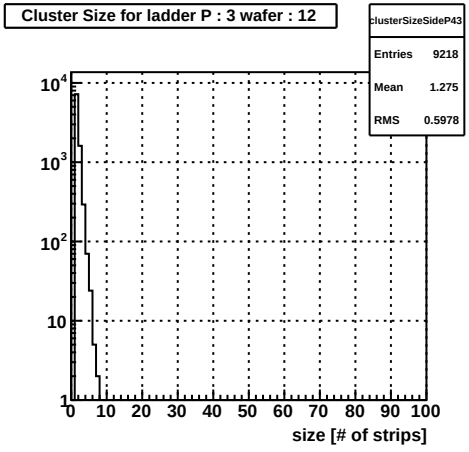

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 17287
Mean 1.306
RMS 0.6382
size [# of strips]

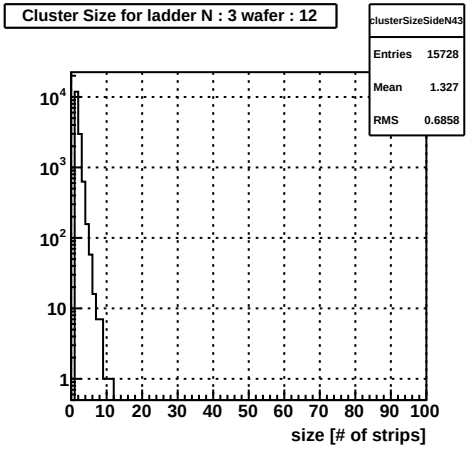

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 16070
Mean 1.371
RMS 0.6862
size [# of strips]

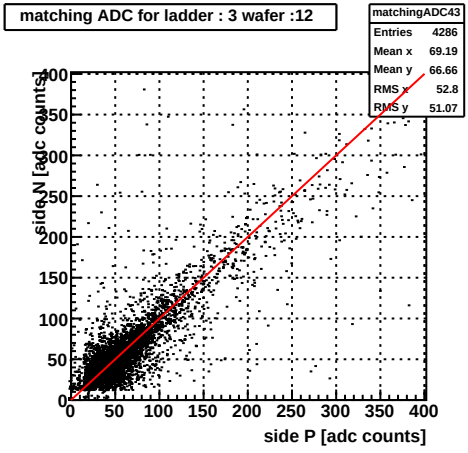

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 11948
Mean x 75.84
Mean y 69.53
RMS x 57.14
RMS y 52.21
side N [adc counts]
side P [adc counts]

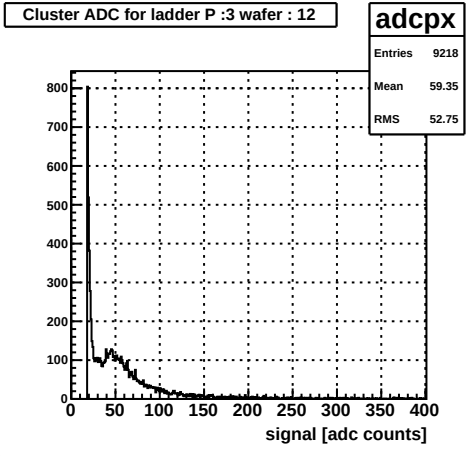

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 17287
Mean 64.71
RMS 55.01
signal [adc counts]

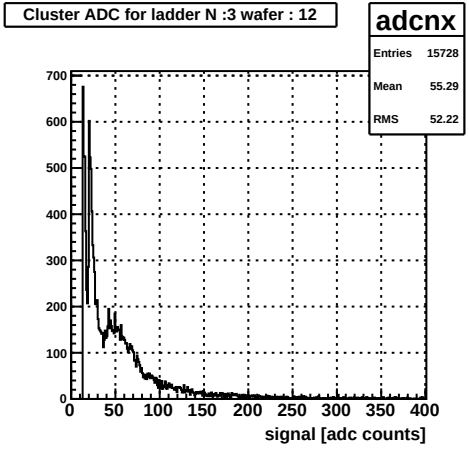

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 16070
Mean 61.38
RMS 53.98
signal [adc counts]

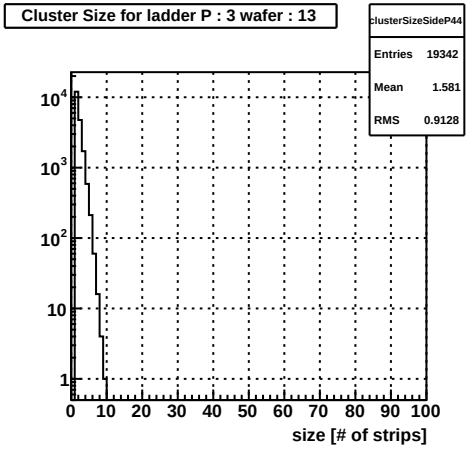

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 9218
Mean 1.275
RMS 0.5978
size [# of strips]

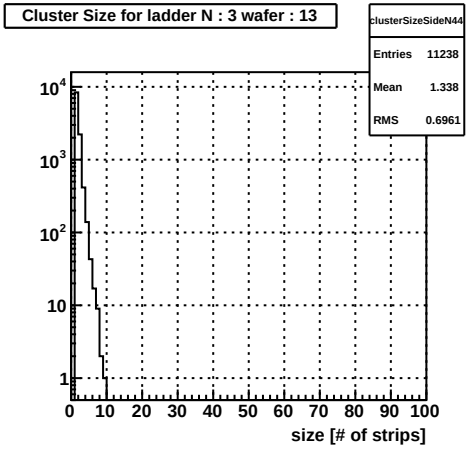

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 15728
Mean 1.327
RMS 0.6858
size [# of strips]

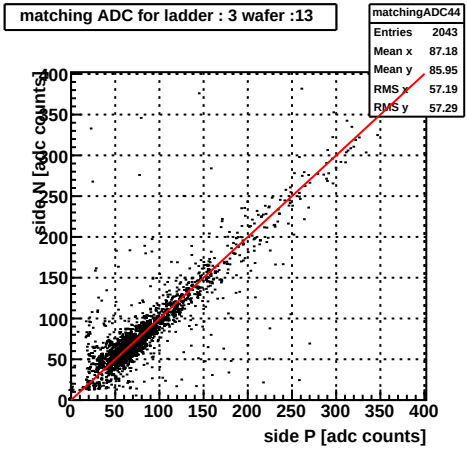

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 4286
Mean x 69.19
Mean y 66.66
RMS x 52.8
RMS y 51.07
side N [adc counts]
side P [adc counts]

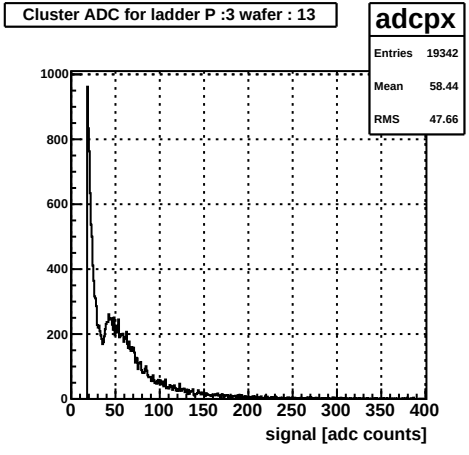

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 9218
Mean 59.35
RMS 52.75
signal [adc counts]

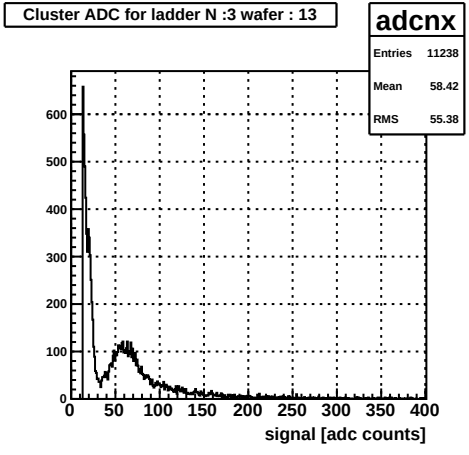

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 15728
Mean 55.29
RMS 52.22
signal [adc counts]

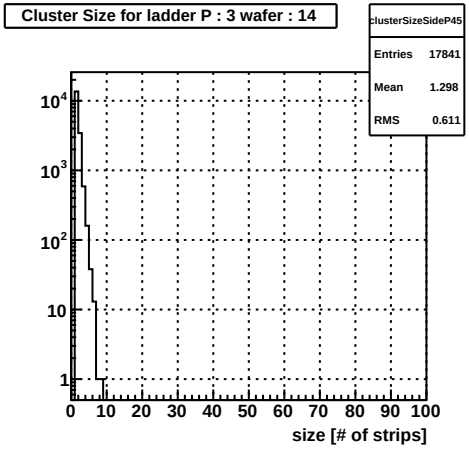

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 19342
Mean 1.581
RMS 0.9128
size [# of strips]

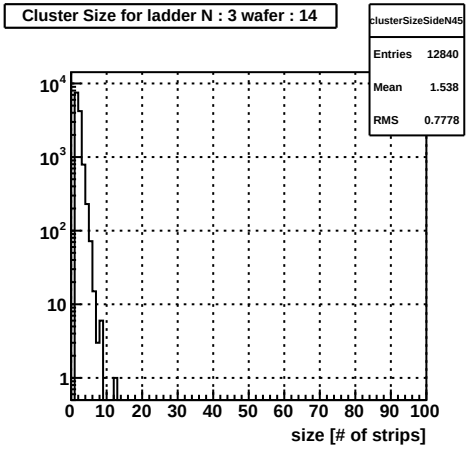

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 11238
Mean 1.338
RMS 0.6961
size [# of strips]

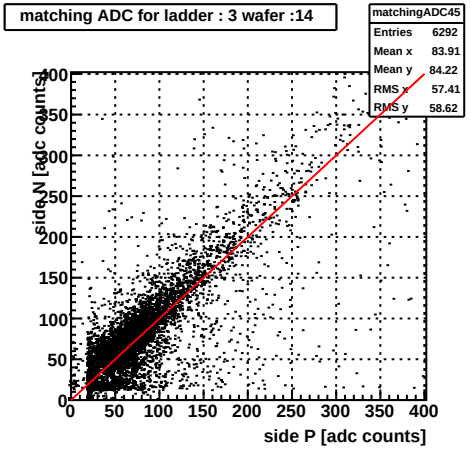

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 2043
Mean x 87.18
Mean y 85.95
RMS x 57.19
RMS y 57.29
side N [adc counts]
side P [adc counts]

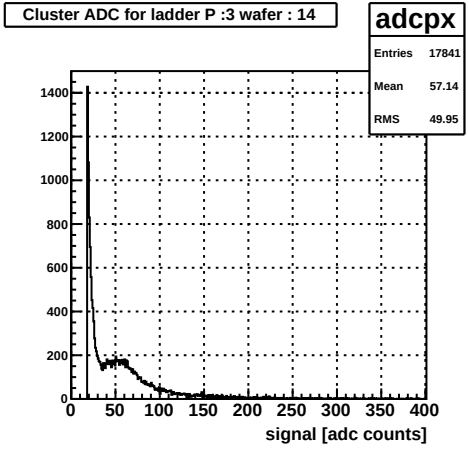

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 19342
Mean 58.44
RMS 47.66
signal [adc counts]

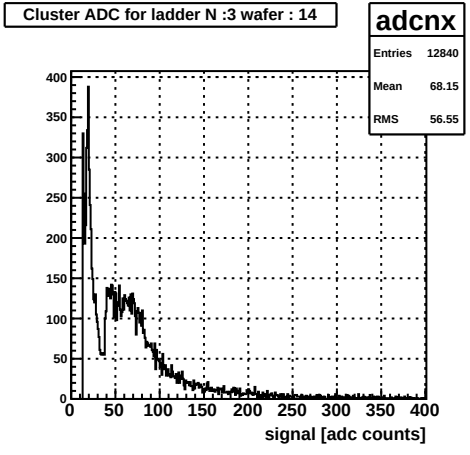

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 11238
Mean 58.42
RMS 55.38
signal [adc counts]

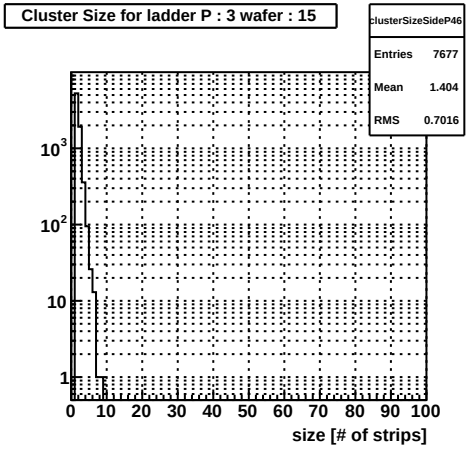

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 17841
Mean 1.298
RMS 0.611
size [# of strips]

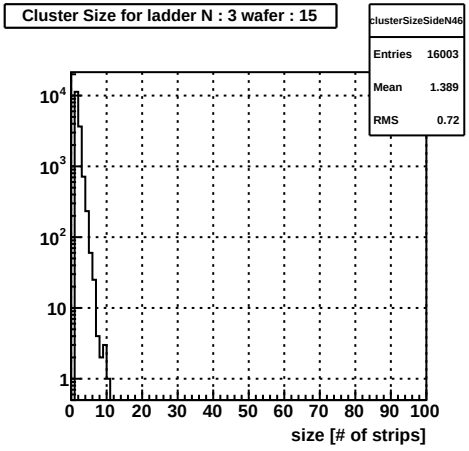

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 12840
Mean 1.538
RMS 0.7778
size [# of strips]

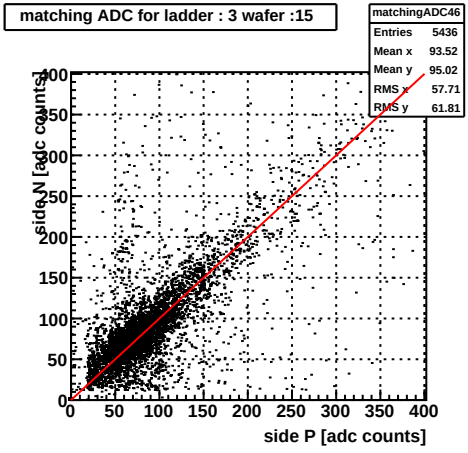

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 6292
Mean x 83.91
Mean y 84.22
RMS x 57.41
RMS y 58.62
side N [adc counts]
side P [adc counts]

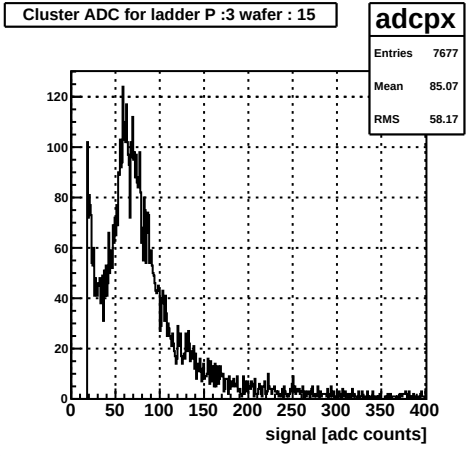

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 17841
Mean 57.14
RMS 49.95
signal [adc counts]

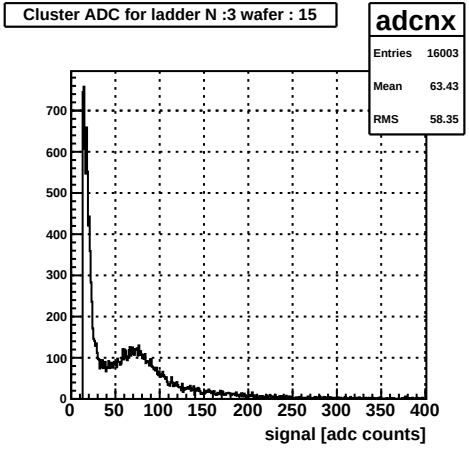

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 12840
Mean 68.15
RMS 56.55
signal [adc counts]

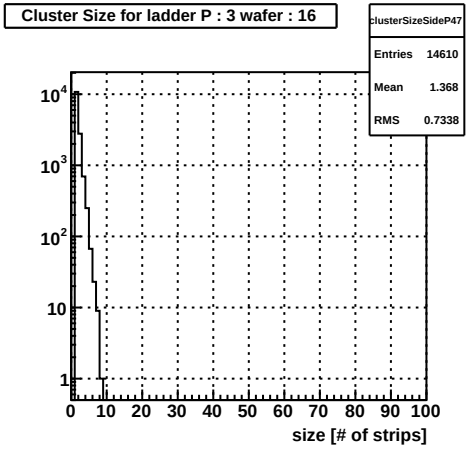

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 7677
Mean 1.404
RMS 0.7016
size [# of strips]

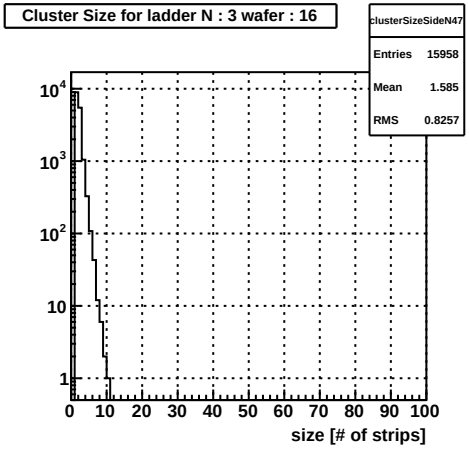

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 16003
Mean 1.389
RMS 0.72
size [# of strips]

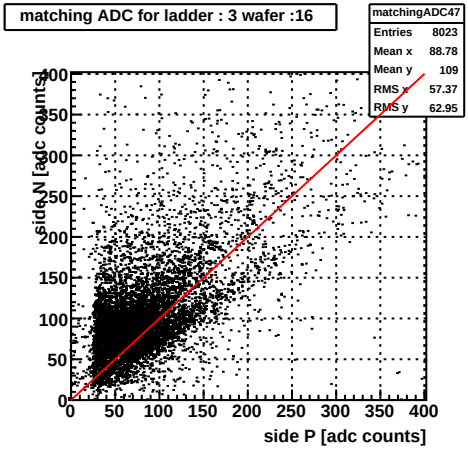

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 5436
Mean x 93.52
Mean y 95.02
RMS x 57.71
RMS y 61.81
side N [adc counts]
side P [adc counts]

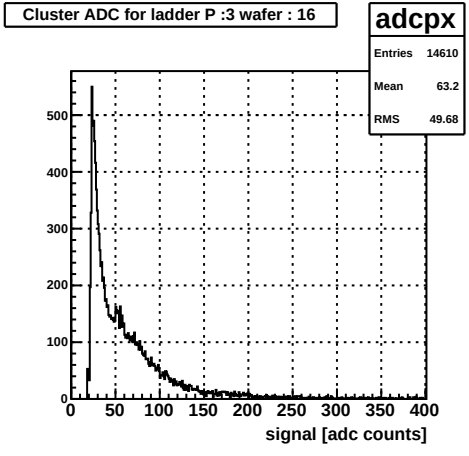

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 7677
Mean 85.07
RMS 58.17
signal [adc counts]

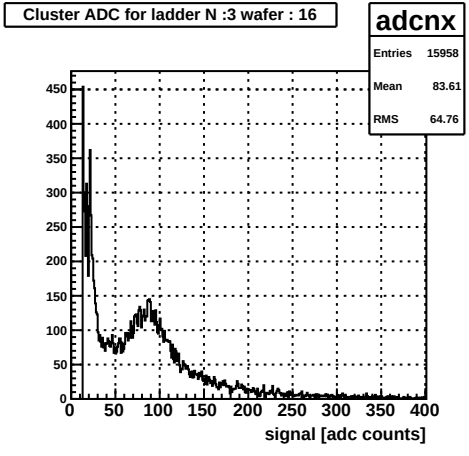

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 16003
Mean 63.43
RMS 58.35
signal [adc counts]

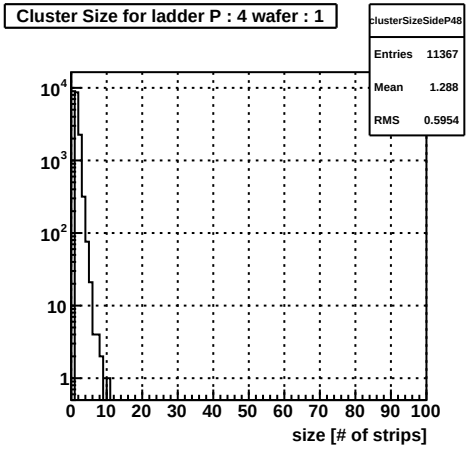

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 14610
Mean 1.368
RMS 0.7338
size [# of strips]

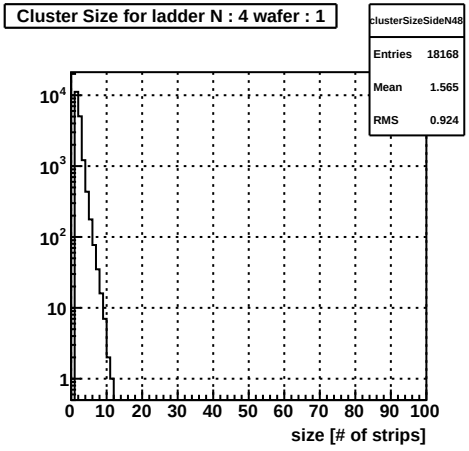

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 15958
Mean 1.585
RMS 0.8257
size [# of strips]

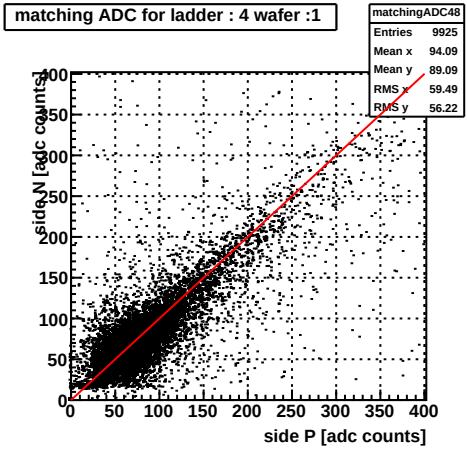

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 8023
Mean x 88.78
Mean y 109
RMS x 57.37
RMS y 62.95
side N [adc counts]
side P [adc counts]

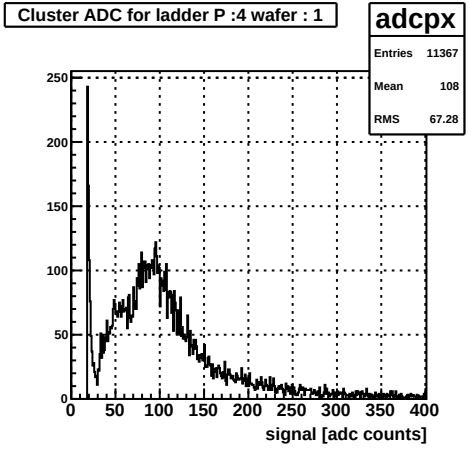

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 14610
Mean 63.2
RMS 49.68
signal [adc counts]

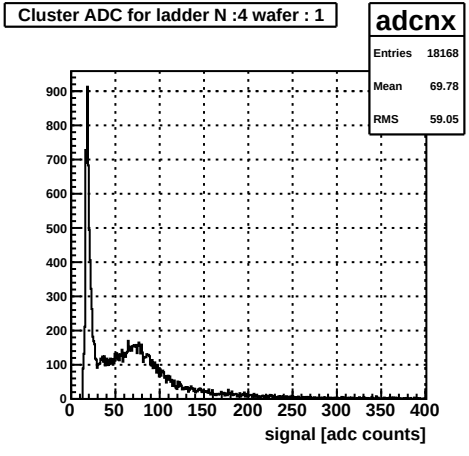

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 15958
Mean 83.61
RMS 64.76
signal [adc counts]

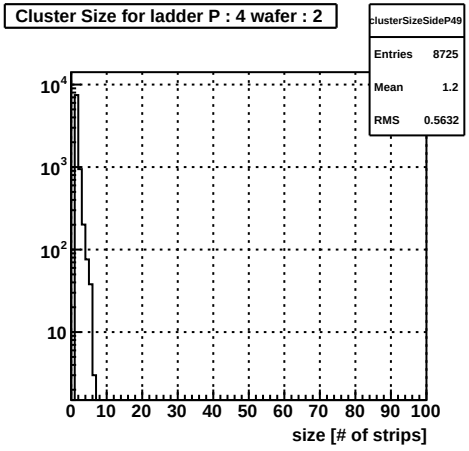

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 11367
Mean 1.288
RMS 0.5954
size [# of strips]

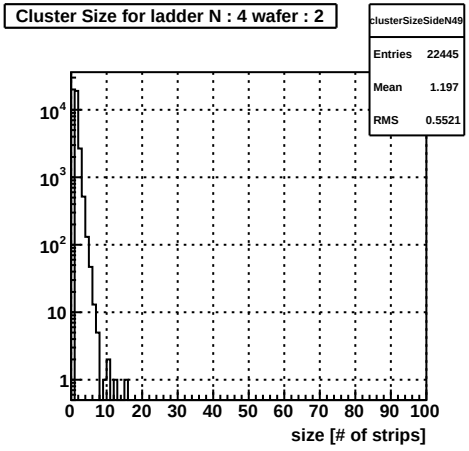

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 18168
Mean 1.565
RMS 0.924
size [# of strips]

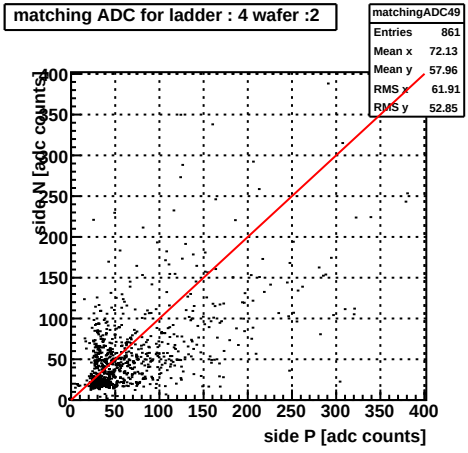

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 9925
Mean x 94.09
Mean y 89.09
RMS x 59.49
RMS y 56.22
side N [adc counts]
side P [adc counts]

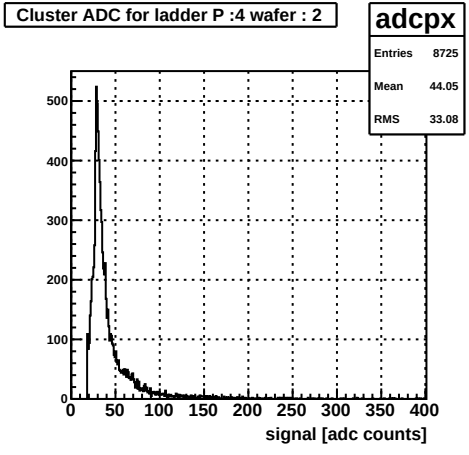

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 11367
Mean 108
RMS 67.28
signal [adc counts]

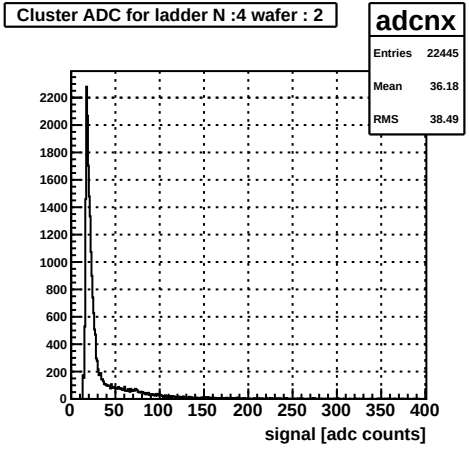

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 18168
Mean 69.78
RMS 59.05
signal [adc counts]

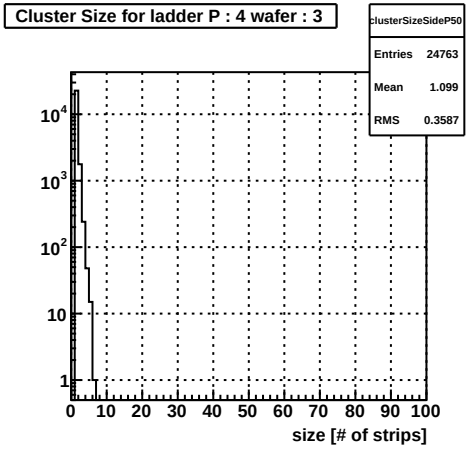

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8725
Mean 1.2
RMS 0.5632
size [# of strips]

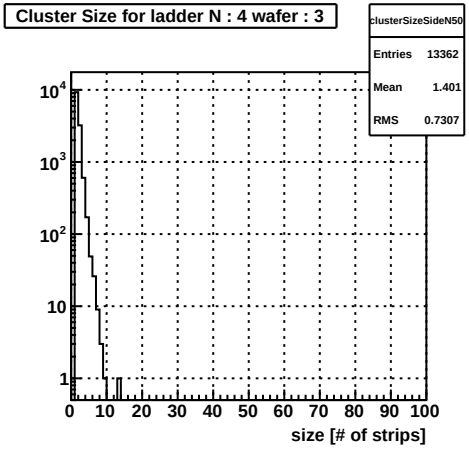

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 22445
Mean 1.197
RMS 0.5521
size [# of strips]

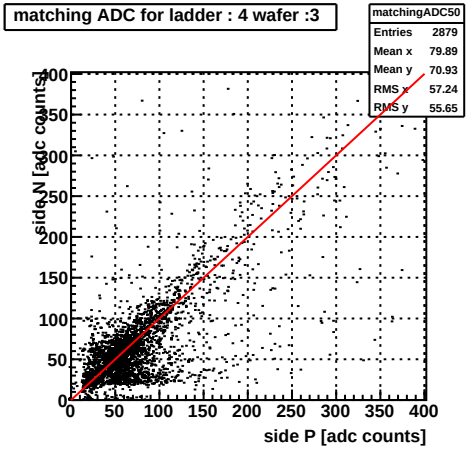

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 861
Mean x 72.13
Mean y 57.96
RMS x 61.91
RMS y 52.85
side N [adc counts]
side P [adc counts]

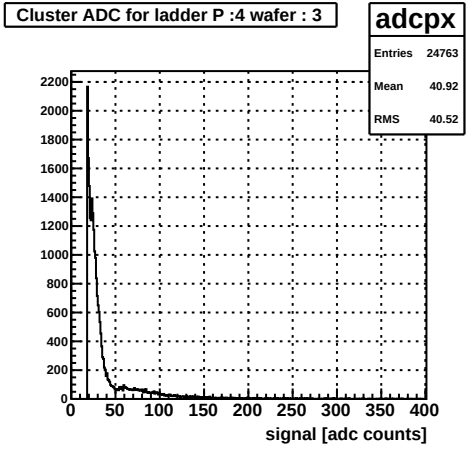

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8725
Mean 44.05
RMS 33.08
signal [adc counts]

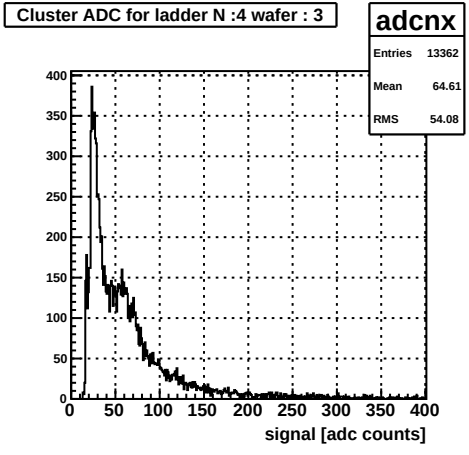

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 22445
Mean 36.18
RMS 38.49
signal [adc counts]

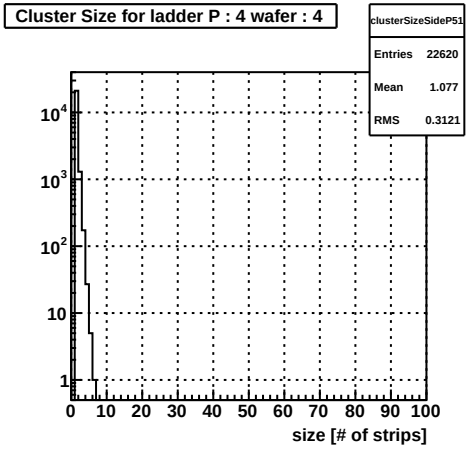

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 24763
Mean 1.099
RMS 0.3587
size [# of strips]

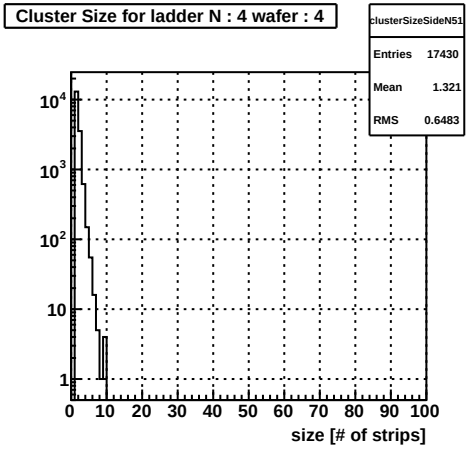

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 13362
Mean 1.401
RMS 0.7307
size [# of strips]

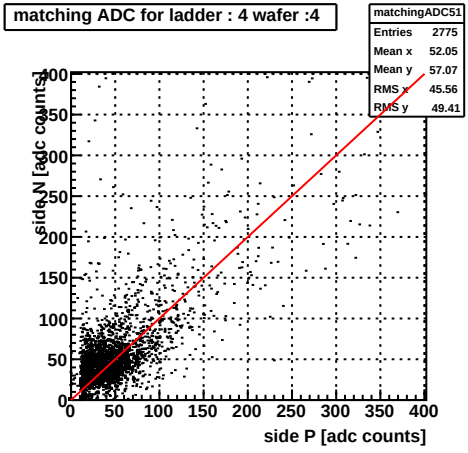

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2879
Mean x 79.89
Mean y 70.93
RMS x 57.24
RMS y 55.65
side N [adc counts]
side P [adc counts]

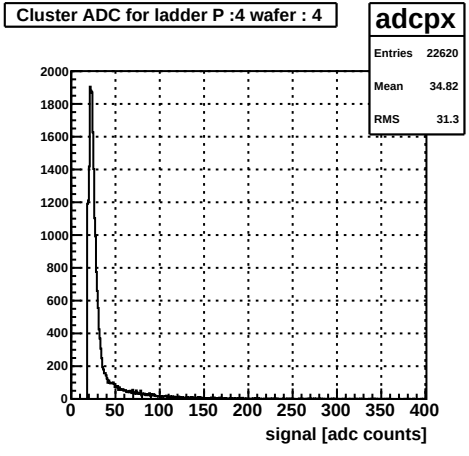

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 24763
Mean 40.92
RMS 40.52
signal [adc counts]

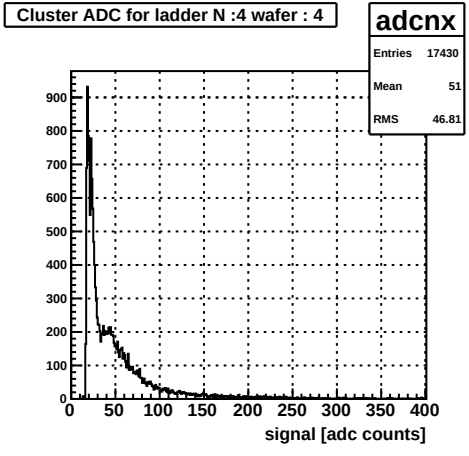

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 13362
Mean 64.61
RMS 54.08
signal [adc counts]

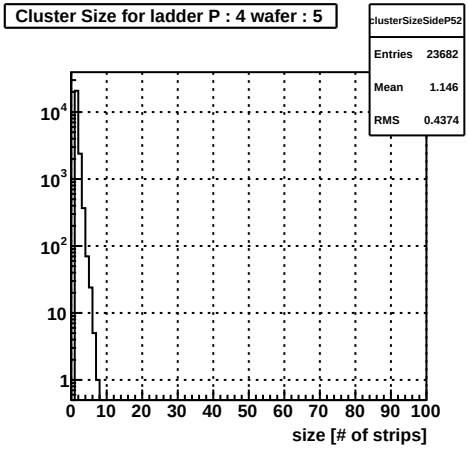

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 22620
Mean 1.077
RMS 0.3121
size [# of strips]

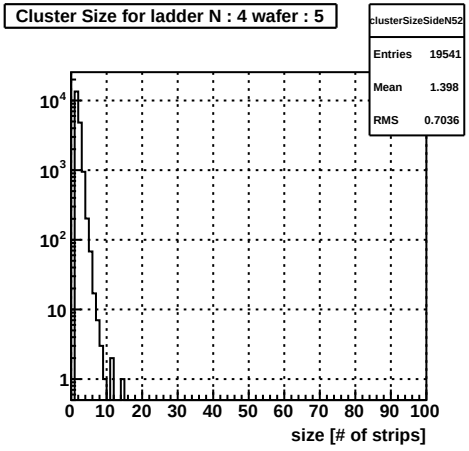

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 17430
Mean 1.321
RMS 0.6483
size [# of strips]

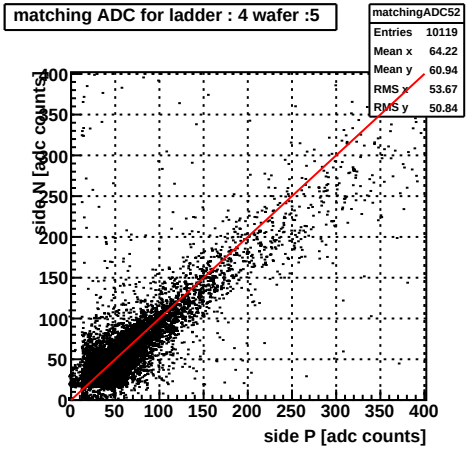

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2775
Mean x 52.05
Mean y 57.07
RMS x 45.56
RMS y 49.41
side N [adc counts]
side P [adc counts]

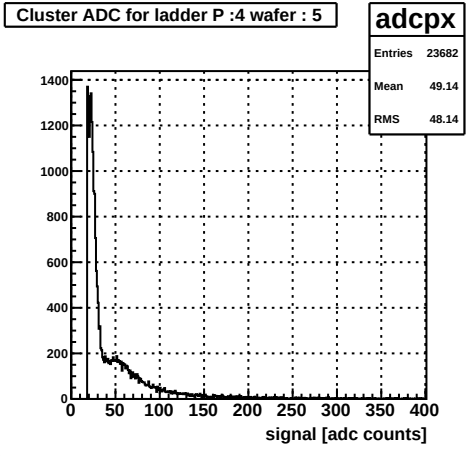

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 22620
Mean 34.82
RMS 31.3
signal [adc counts]

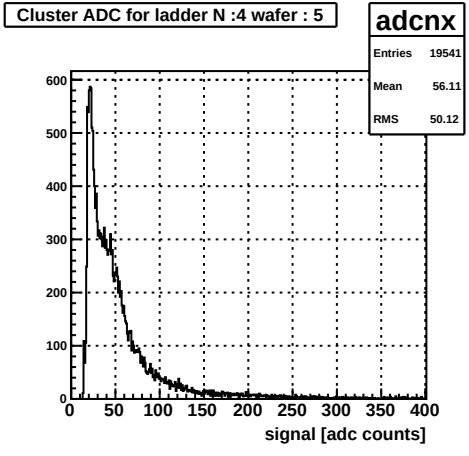

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 17430
Mean 51
RMS 46.81
signal [adc counts]

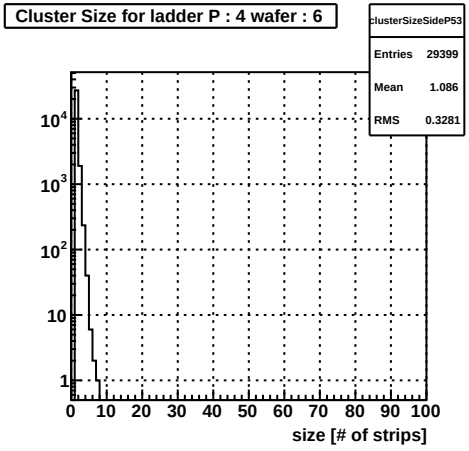

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 23682
Mean 1.146
RMS 0.4374
size [# of strips]

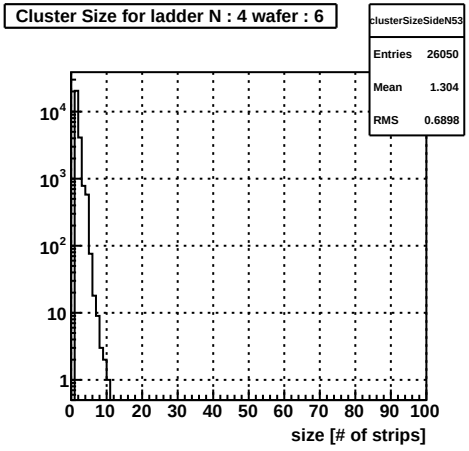

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 19541
Mean 1.398
RMS 0.7036
size [# of strips]

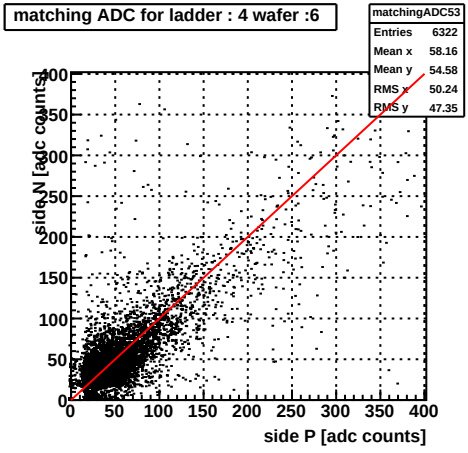

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 10119
Mean x 64.22
Mean y 60.94
RMS x 53.67
RMS y 50.84
side N [adc counts]
side P [adc counts]

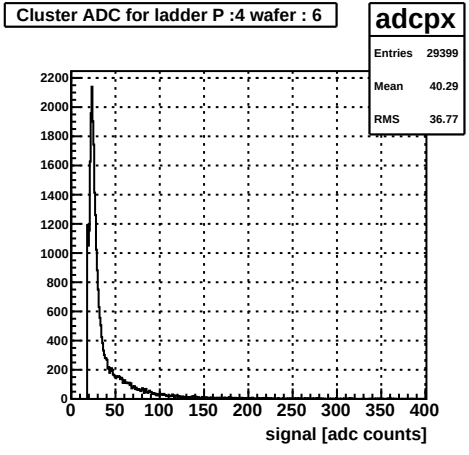

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 23682
Mean 49.14
RMS 48.14
signal [adc counts]

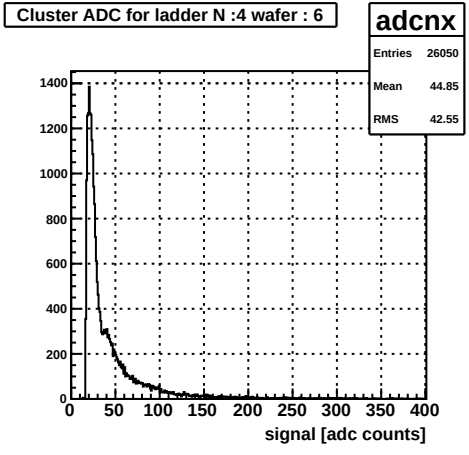

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 19541
Mean 56.11
RMS 50.12
signal [adc counts]

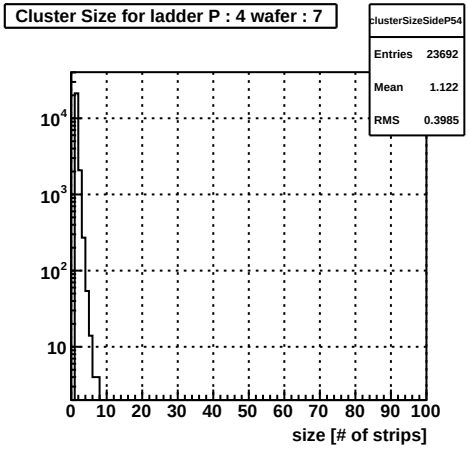

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 29399
Mean 1.086
RMS 0.3281
size [# of strips]

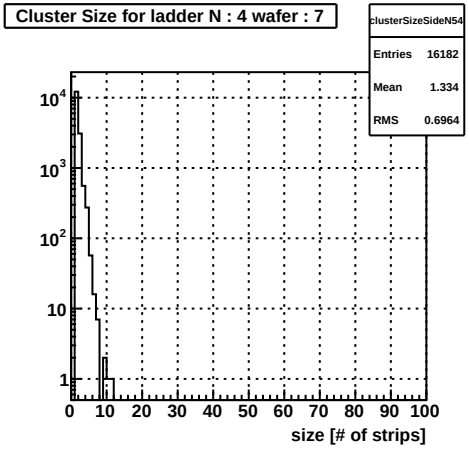

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 26050
Mean 1.304
RMS 0.6898
size [# of strips]

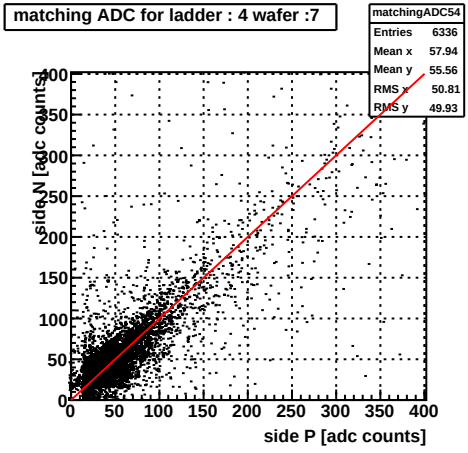

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 6322
Mean x 58.16
Mean y 54.58
RMS x 50.24
RMS y 47.35
side N [adc counts]
side P [adc counts]

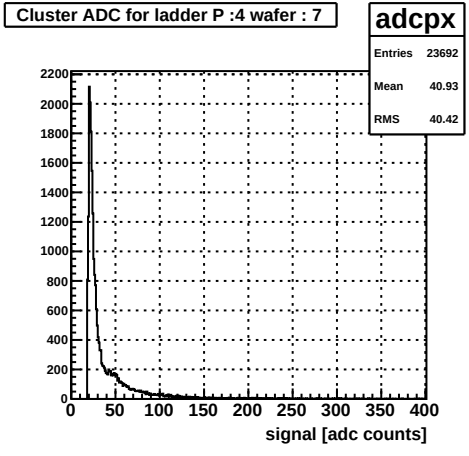

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 29399
Mean 40.29
RMS 36.77
signal [adc counts]

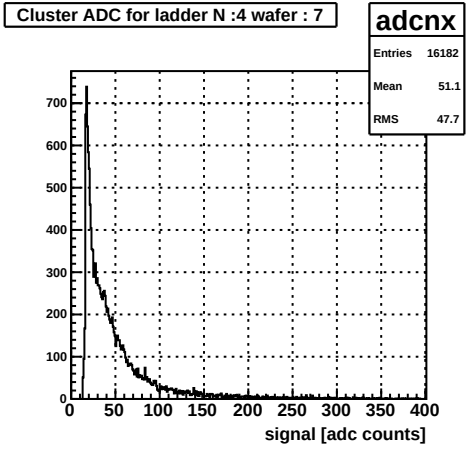

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 26050
Mean 44.85
RMS 42.55
signal [adc counts]

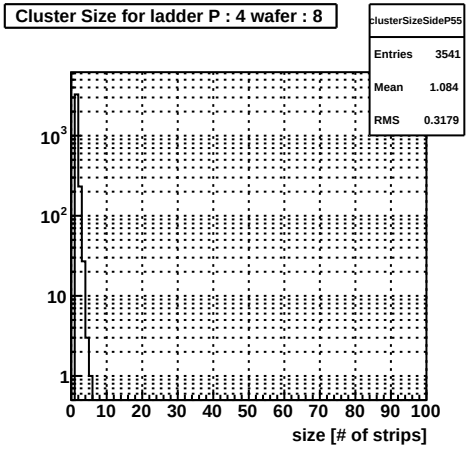

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 23692
Mean 1.122
RMS 0.3985
size [# of strips]

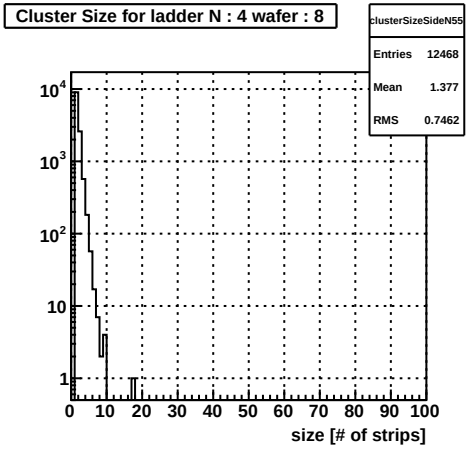

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 16182
Mean 1.334
RMS 0.6964
size [# of strips]

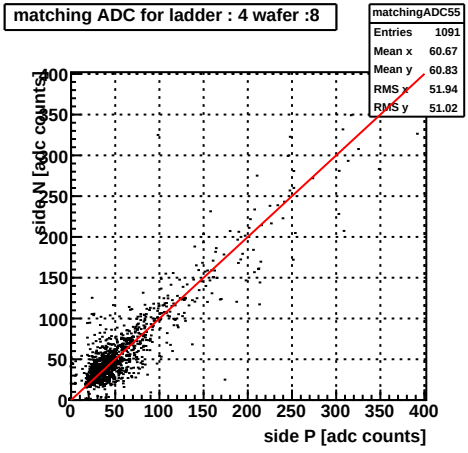

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 6336
Mean x 57.94
Mean y 55.56
RMS x 50.81
RMS y 49.93
side N [adc counts]
side P [adc counts]

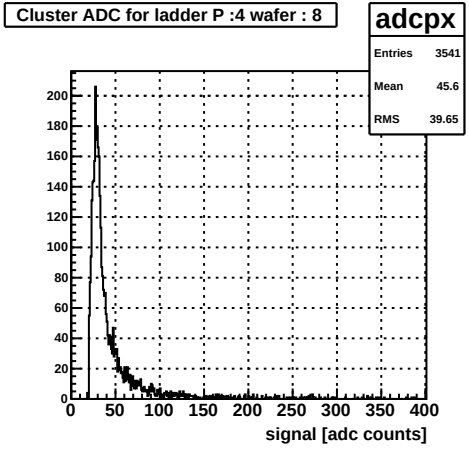

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 23692
Mean 40.93
RMS 40.42
signal [adc counts]

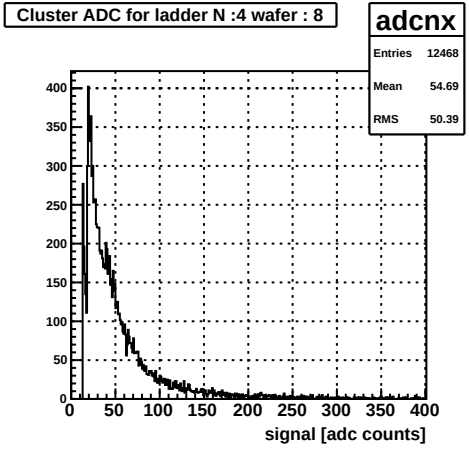

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 16182
Mean 51.1
RMS 47.7
signal [adc counts]

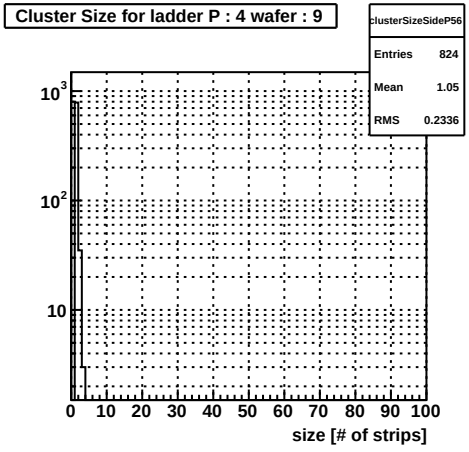

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3541
Mean 1.084
RMS 0.3179
size [# of strips]

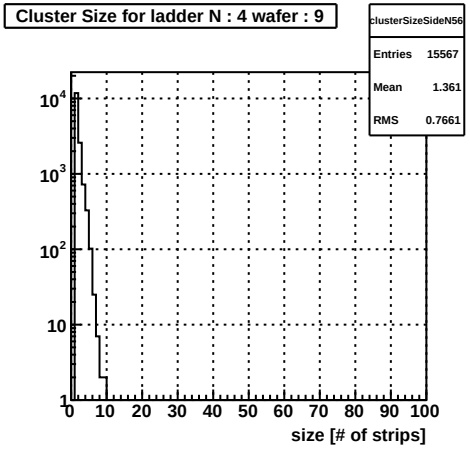

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 12468
Mean 1.377
RMS 0.7462
size [# of strips]

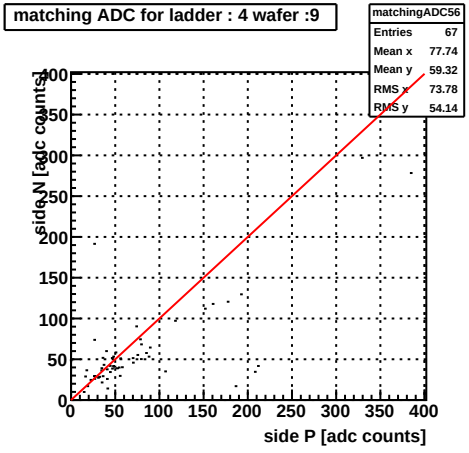

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 1091
Mean x 60.67
Mean y 60.83
RMS x 51.94
RMS y 51.02
side N [adc counts]
side P [adc counts]

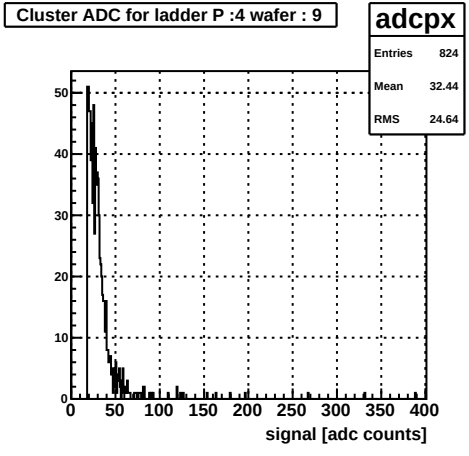

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3541
Mean 45.6
RMS 39.65
signal [adc counts]

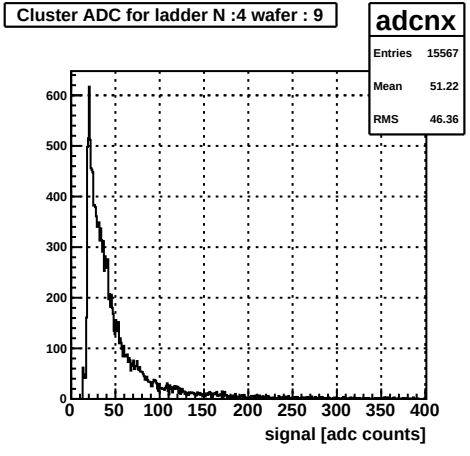

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 12468
Mean 54.69
RMS 50.39
signal [adc counts]

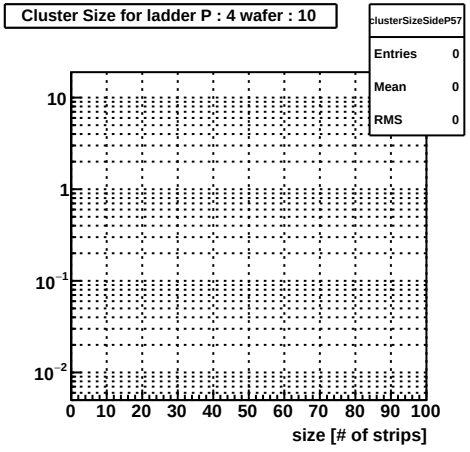

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 824
Mean 1.05
RMS 0.2336
size [# of strips]

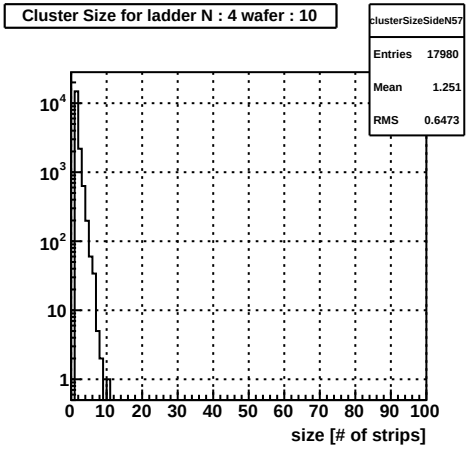

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 15567
Mean 1.361
RMS 0.7661
size [# of strips]

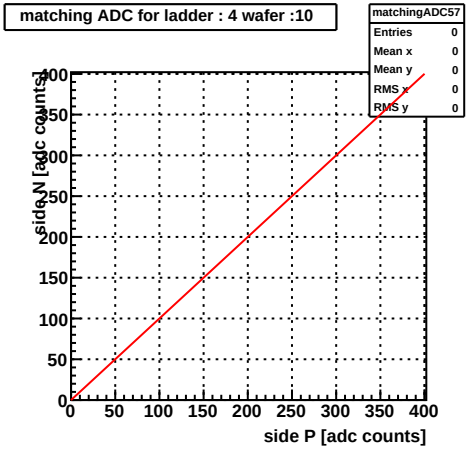

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 67
Mean x 77.74
Mean y 59.32
RMS x 73.78
RMS y 54.14
side N [adc counts]
side P [adc counts]

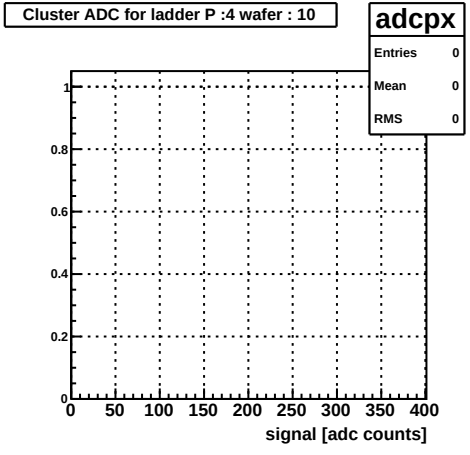

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 824
Mean 32.44
RMS 24.64
signal [adc counts]

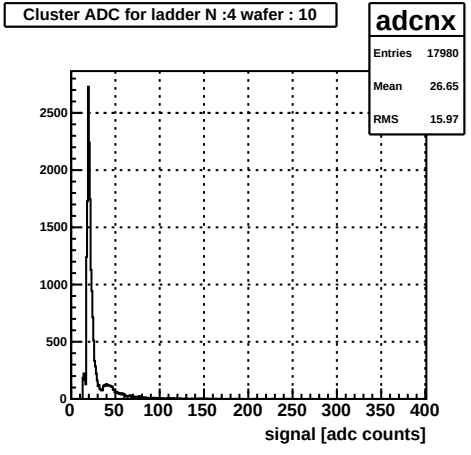

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 15567
Mean 51.22
RMS 46.36
signal [adc counts]

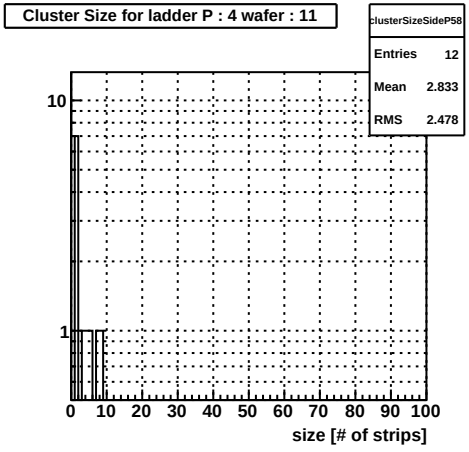

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

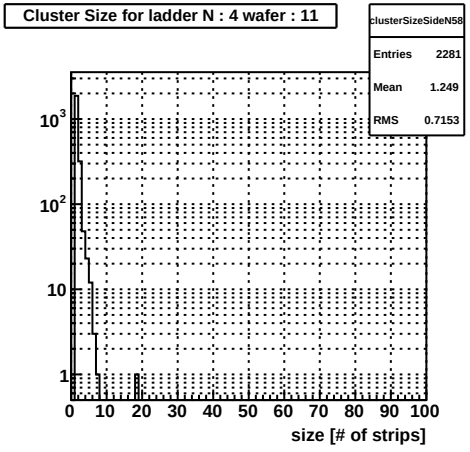

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17980
Mean 1.251
RMS 0.6473
size [# of strips]

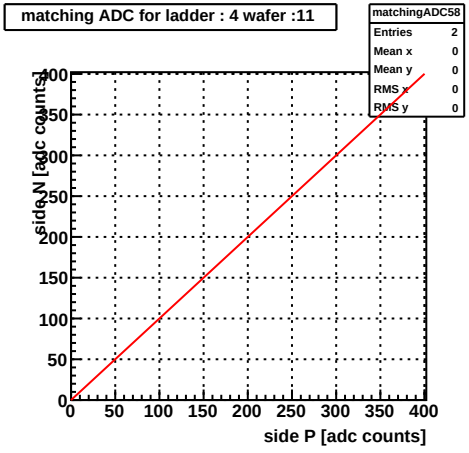

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

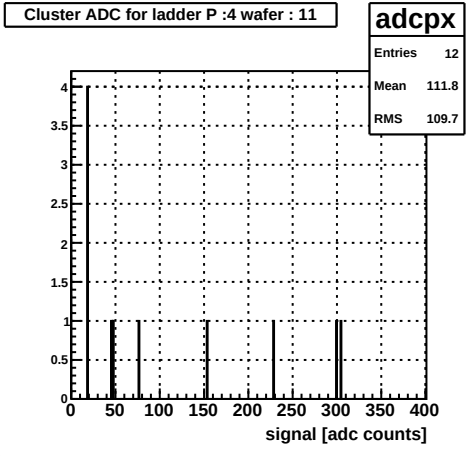

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

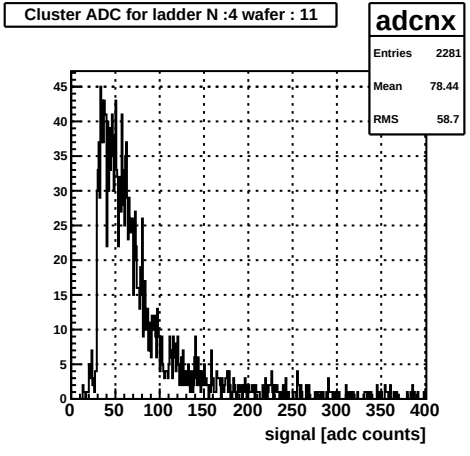

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17980
Mean 26.65
RMS 15.97
signal [adc counts]

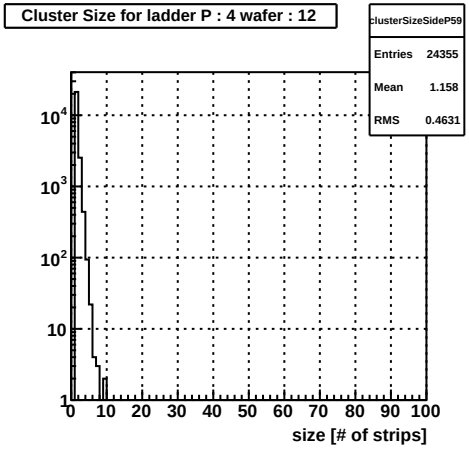

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 12
Mean 2.833
RMS 2.478
size [# of strips]

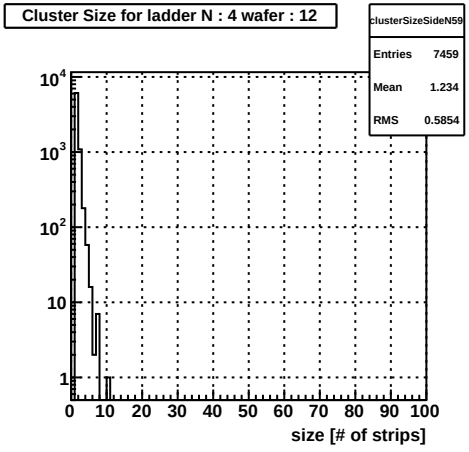

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2281
Mean 1.249
RMS 0.7153
size [# of strips]

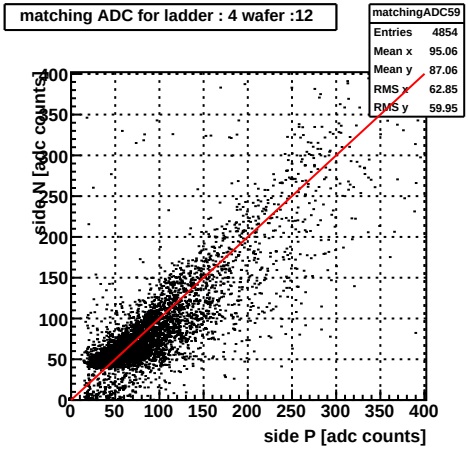

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

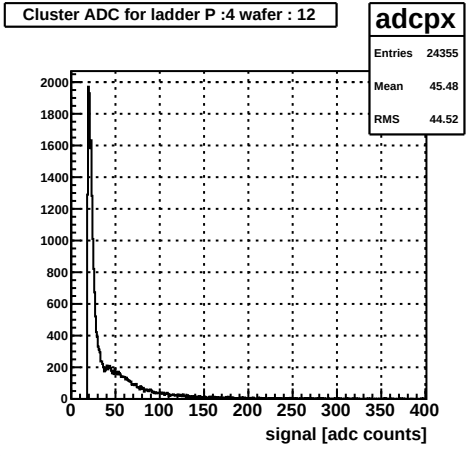

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 12
Mean 111.8
RMS 109.7
signal [adc counts]

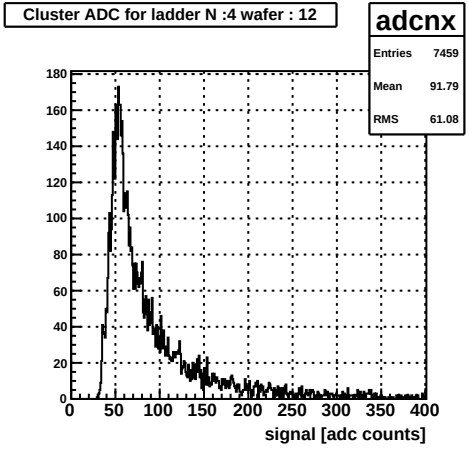

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2281
Mean 78.44
RMS 58.7
signal [adc counts]

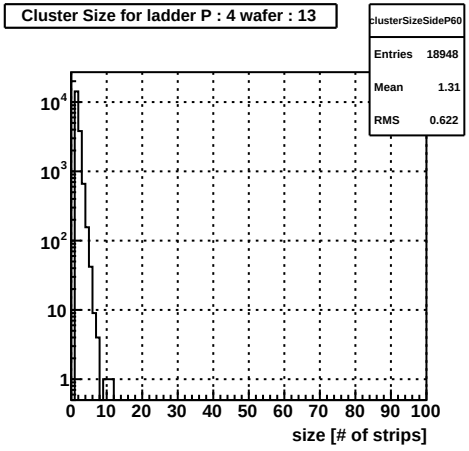

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 24355
Mean 1.158
RMS 0.4631
size [# of strips]

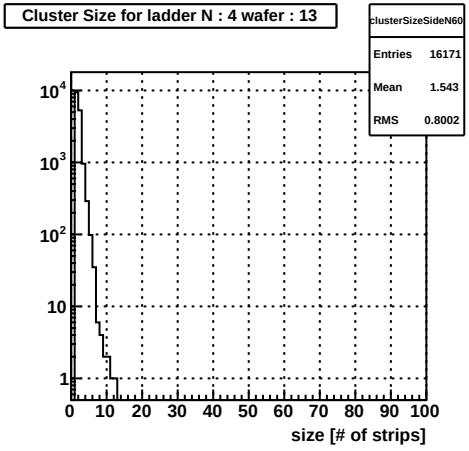

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 7459
Mean 1.234
RMS 0.5854
size [# of strips]

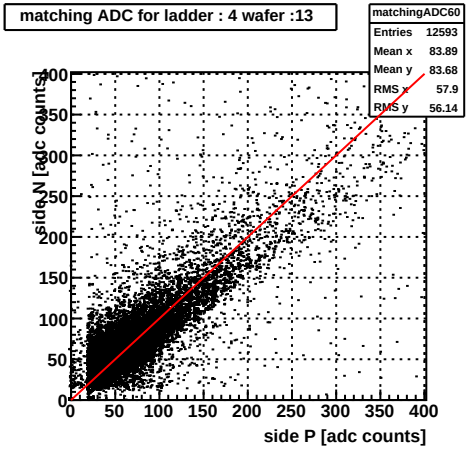

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 4854
Mean x 95.06
Mean y 87.06
RMS x 62.85
RMS y 59.95
side N [adc counts]
side P [adc counts]

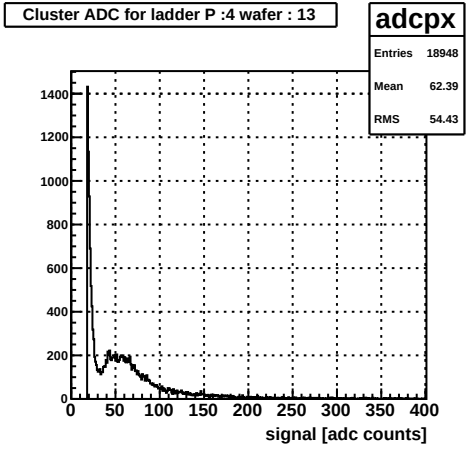

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 24355
Mean 45.48
RMS 44.52
signal [adc counts]

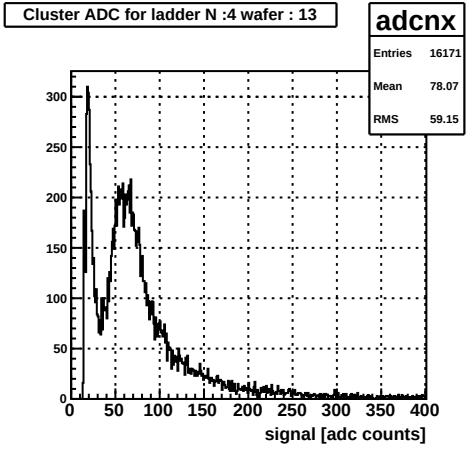

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 7459
Mean 91.79
RMS 61.08
signal [adc counts]

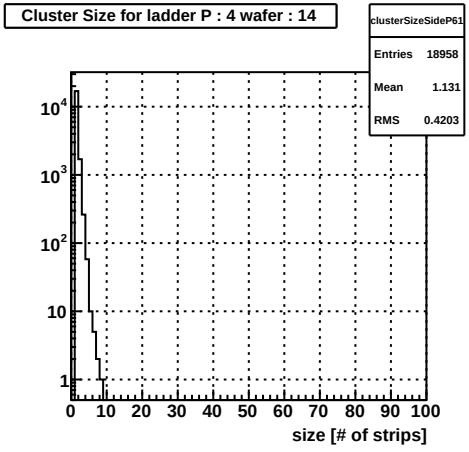

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 18948
Mean 1.31
RMS 0.622
size [# of strips]

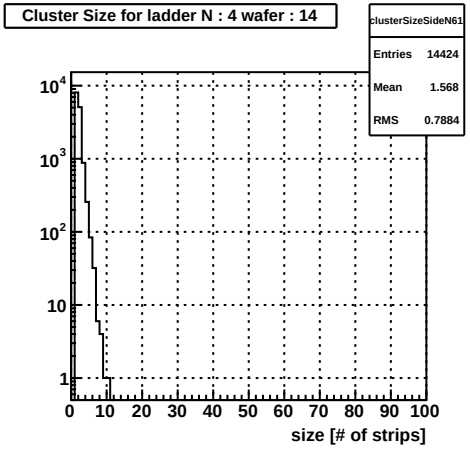

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 16171
Mean 1.543
RMS 0.8002
size [# of strips]

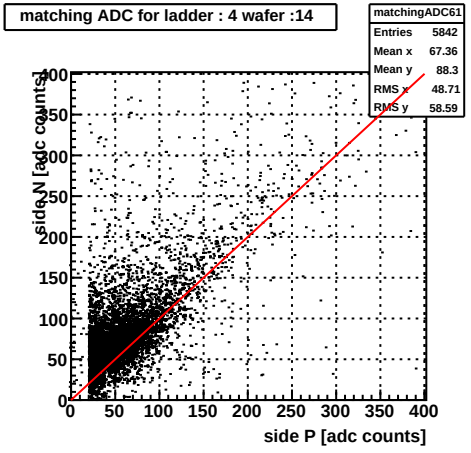

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 12593
Mean x 83.89
Mean y 83.68
RMS x 57.9
RMS y 56.14
side N [adc counts]
side P [adc counts]

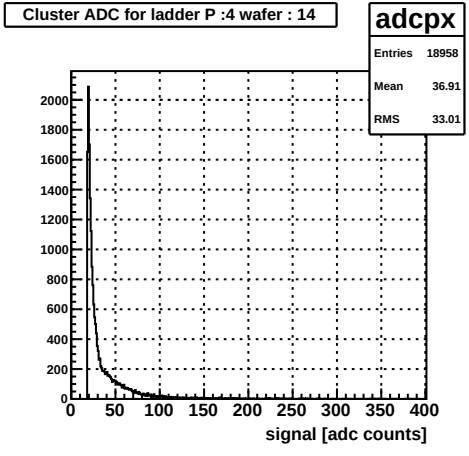

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 18948
Mean 62.39
RMS 54.43
signal [adc counts]

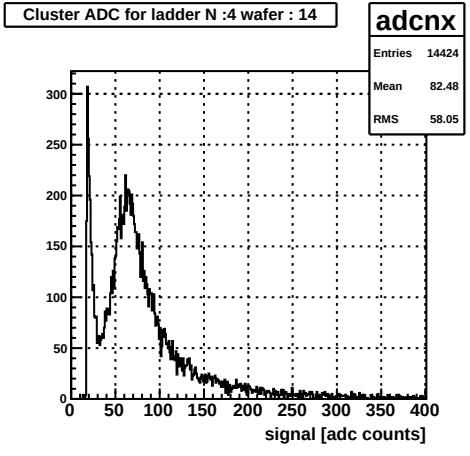

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 16171
Mean 78.07
RMS 59.15
signal [adc counts]

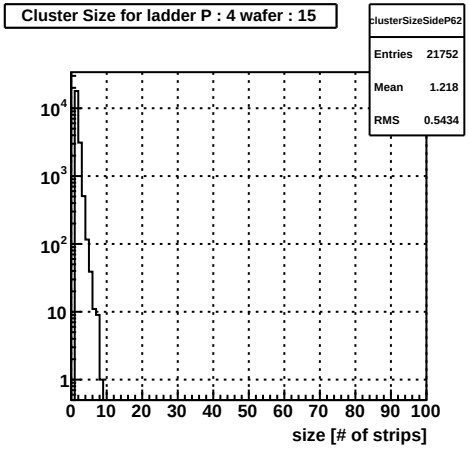

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 18958
Mean 1.131
RMS 0.4203
size [# of strips]

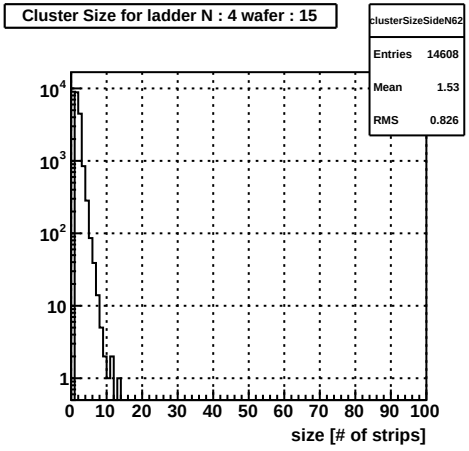

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 14424
Mean 1.568
RMS 0.7884
size [# of strips]

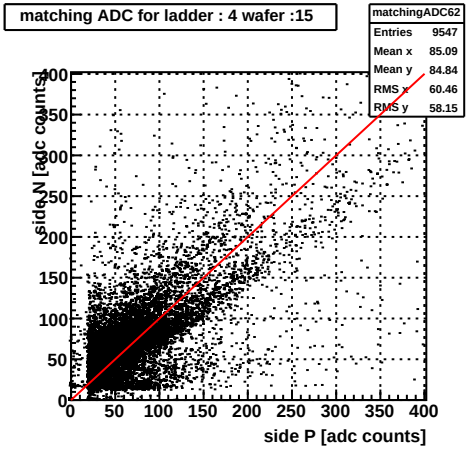

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 5842
Mean x 67.36
Mean y 88.3
RMS x 48.71
RMS y 58.59
side N [adc counts]
side P [adc counts]

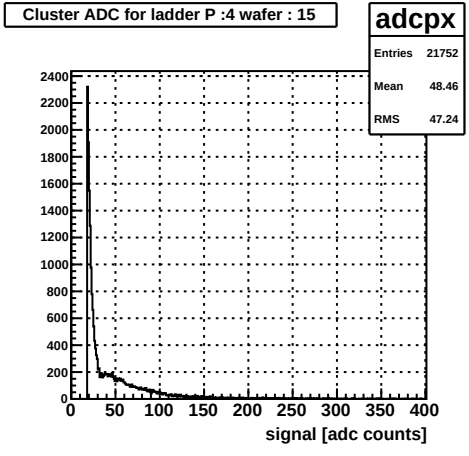

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 18958
Mean 36.91
RMS 33.01
signal [adc counts]

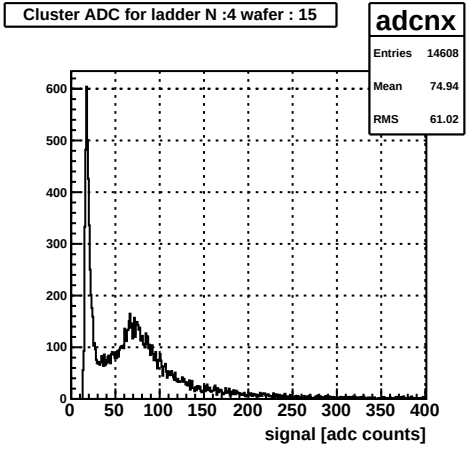

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 14424
Mean 82.48
RMS 58.05
signal [adc counts]

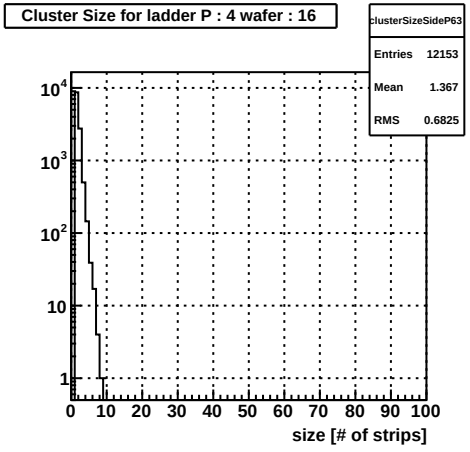

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 21752
Mean 1.218
RMS 0.5434
size [# of strips]

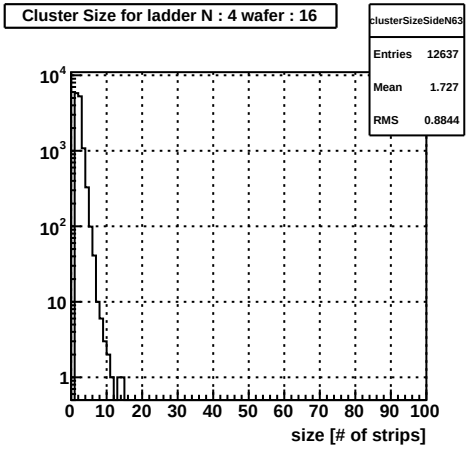

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 14608
Mean 1.53
RMS 0.826
size [# of strips]

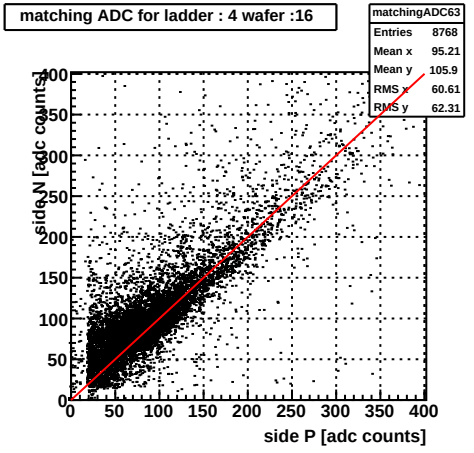

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 9547
Mean x 85.09
Mean y 84.84
RMS x 60.46
RMS y 58.15
side N [adc counts]
side P [adc counts]

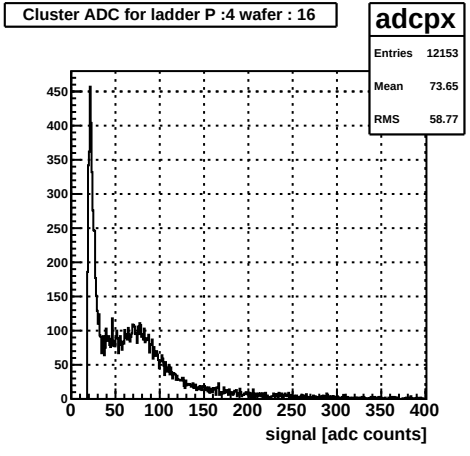

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 21752
Mean 48.46
RMS 47.24
signal [adc counts]

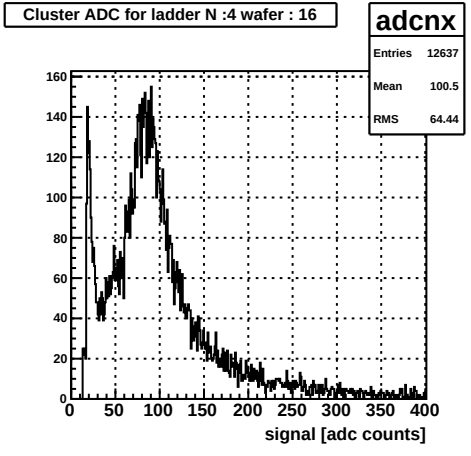

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 14608
Mean 74.94
RMS 61.02
signal [adc counts]

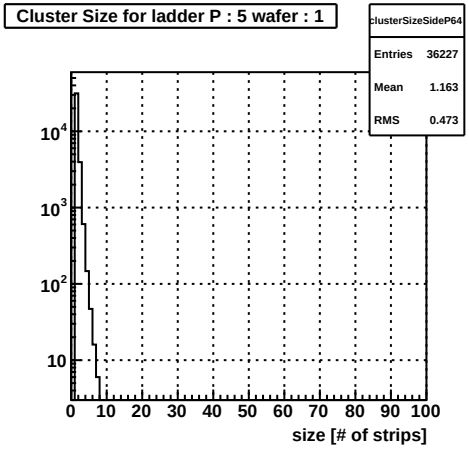

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 12153
Mean 1.367
RMS 0.6825
size [# of strips]

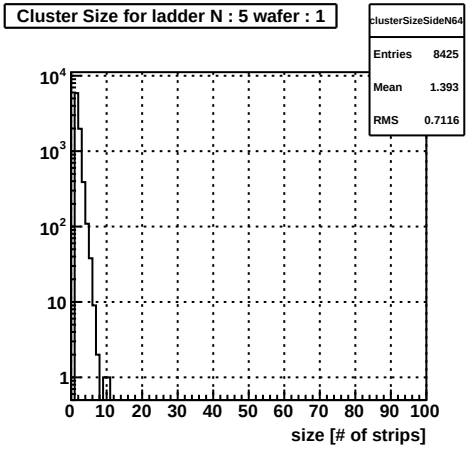

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 12637
Mean 1.727
RMS 0.8844
size [# of strips]

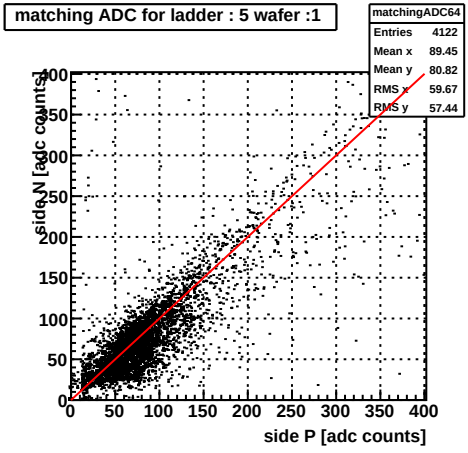

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 8768
Mean x 95.21
Mean y 105.9
RMS x 60.61
RMS y 62.31
side N [adc counts]
side P [adc counts]

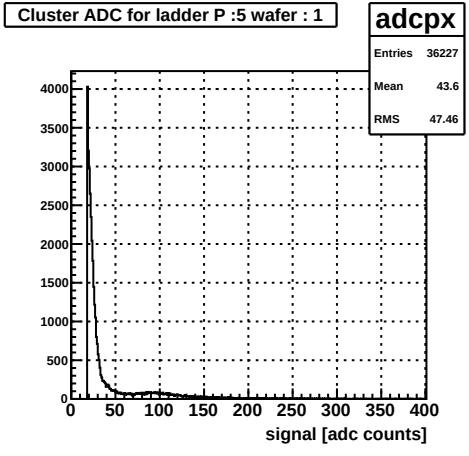

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 12153
Mean 73.65
RMS 58.77
signal [adc counts]

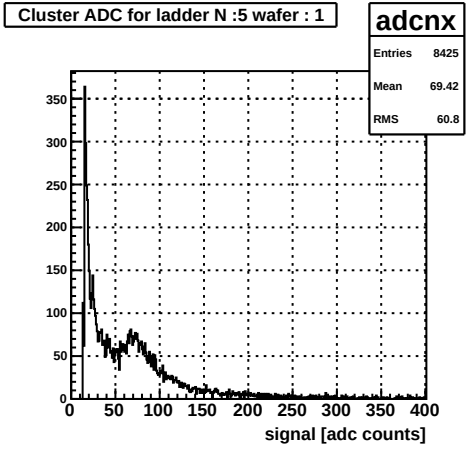

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 12637
Mean 100.5
RMS 64.44
signal [adc counts]

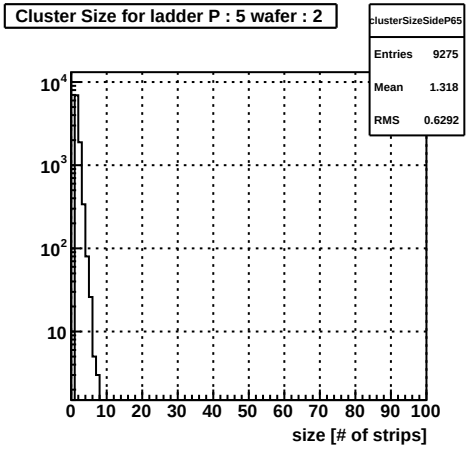

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 36227
Mean 1.163
RMS 0.473
size [# of strips]

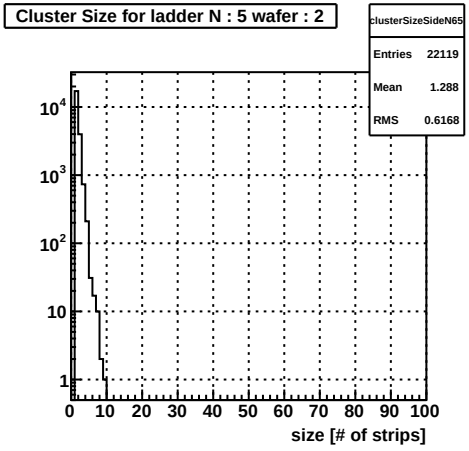

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 8425
Mean 1.393
RMS 0.7116
size [# of strips]

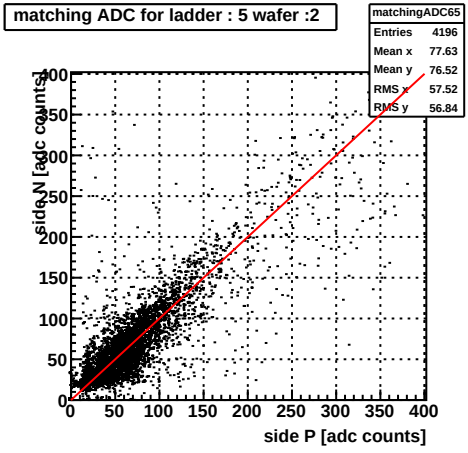

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 4122
Mean x 89.45
Mean y 80.82
RMS x 59.67
RMS y 57.44
side N [adc counts]
side P [adc counts]

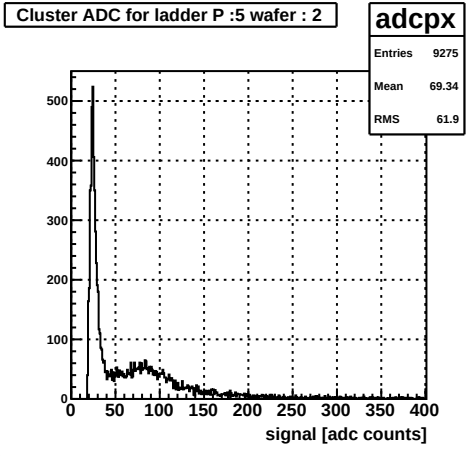

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 36227
Mean 43.6
RMS 47.46
signal [adc counts]

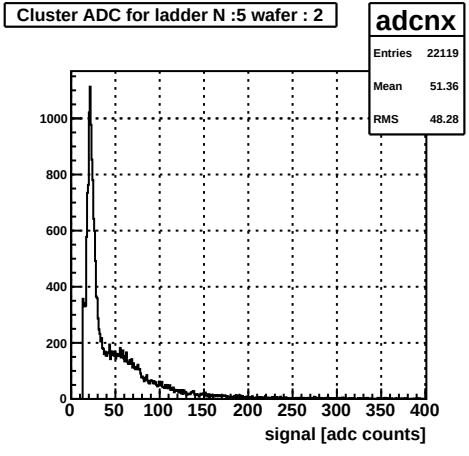

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 8425
Mean 69.42
RMS 60.8
signal [adc counts]

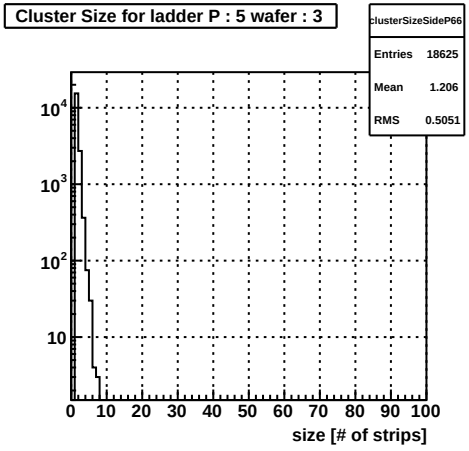

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 9275
Mean 1.318
RMS 0.6292
size [# of strips]

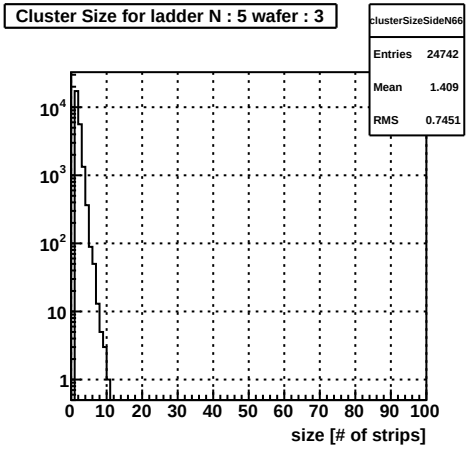

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 22119
Mean 1.288
RMS 0.6168
size [# of strips]

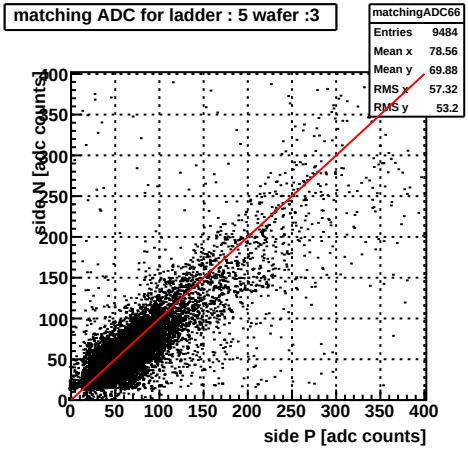

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 4196
Mean x 77.63
Mean y 76.52
RMS x 57.52
RMS y 56.84
side N [adc counts]
side P [adc counts]

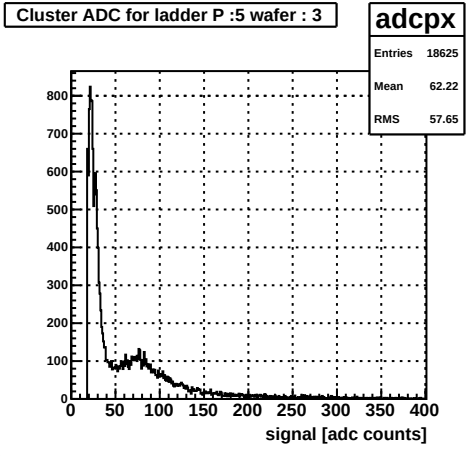

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 9275
Mean 69.34
RMS 61.9
signal [adc counts]

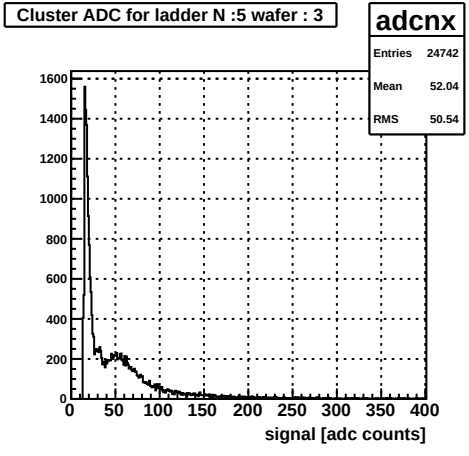

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 22119
Mean 51.36
RMS 48.28
signal [adc counts]

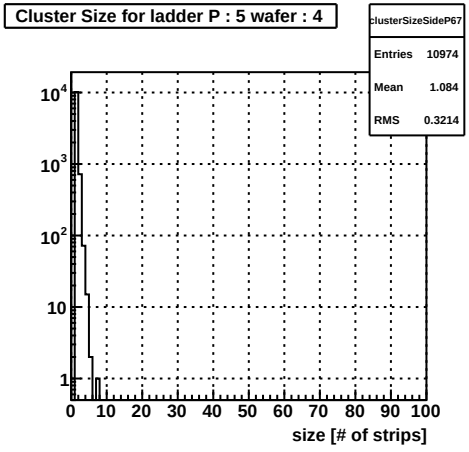

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 18625
Mean 1.206
RMS 0.5051
size [# of strips]

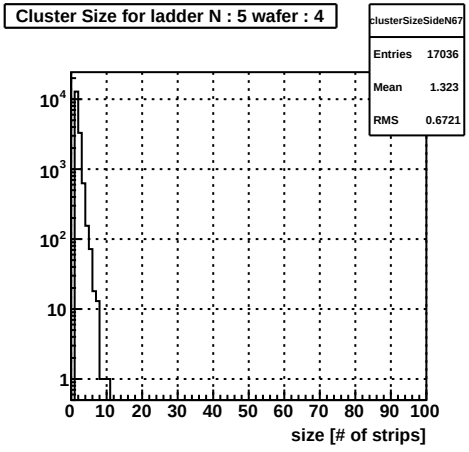

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 24742
Mean 1.409
RMS 0.7451
size [# of strips]

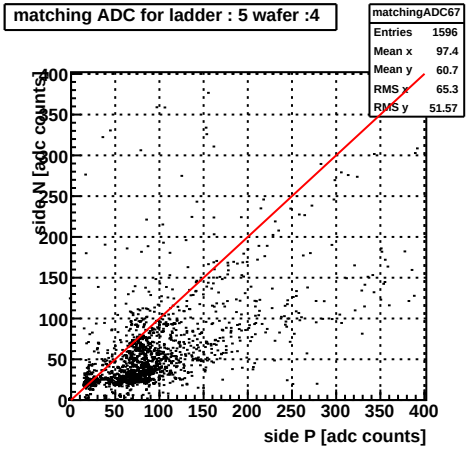

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 9484
Mean x 78.56
Mean y 69.88
RMS x 57.32
RMS y 53.2
side N [adc counts]
side P [adc counts]

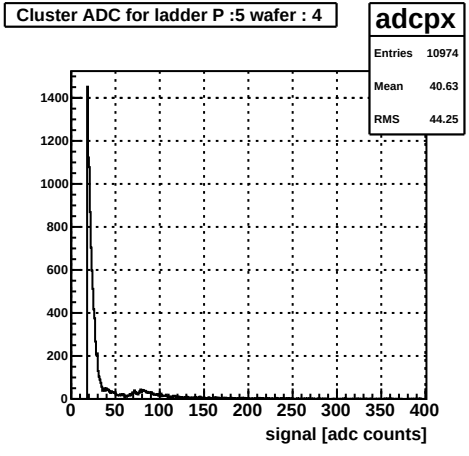

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 18625
Mean 62.22
RMS 57.65
signal [adc counts]

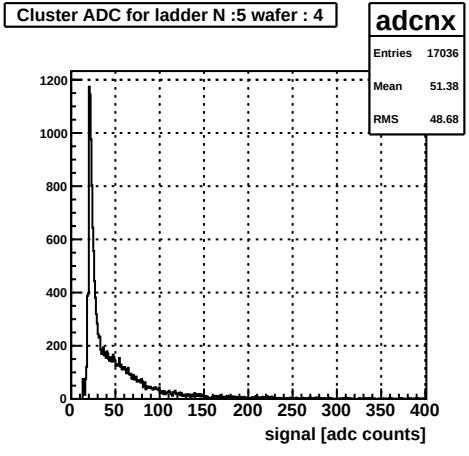

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 24742
Mean 52.04
RMS 50.54
signal [adc counts]

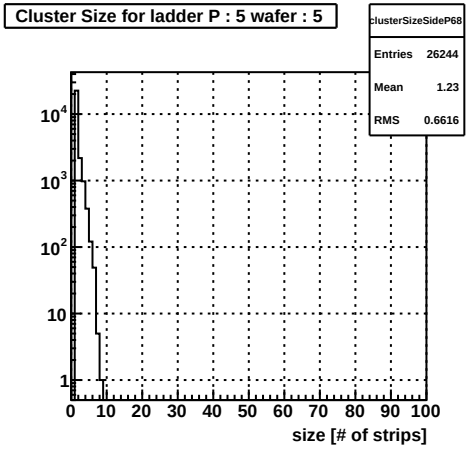

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10974
Mean 1.084
RMS 0.3214
size [# of strips]

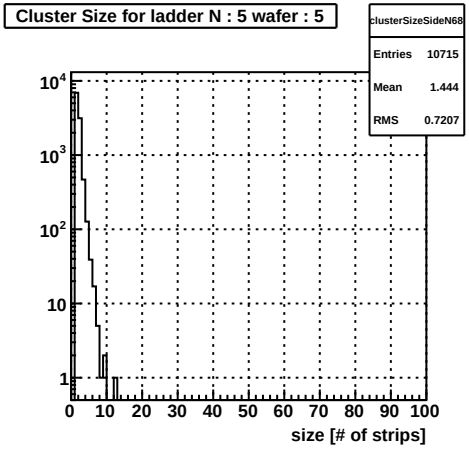

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 17036
Mean 1.323
RMS 0.6721
size [# of strips]

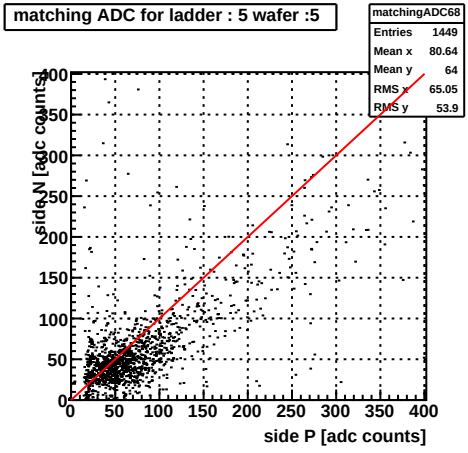

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1596
Mean x 97.4
Mean y 60.7
RMS x 65.3
RMS y 51.57
side N [adc counts]
side P [adc counts]

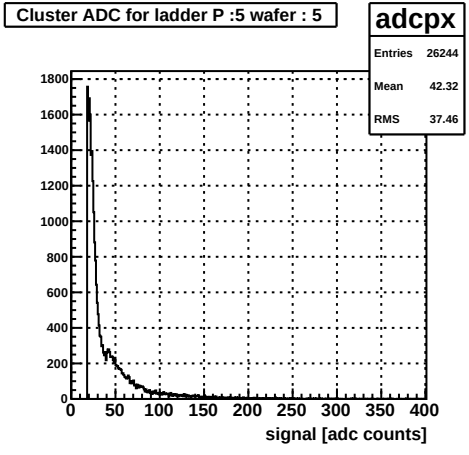

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10974
Mean 40.63
RMS 44.25
signal [adc counts]

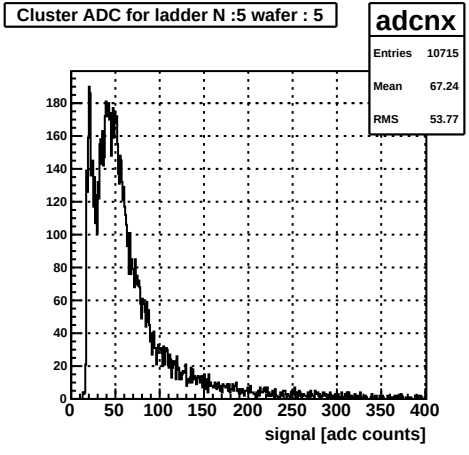

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 17036
Mean 51.38
RMS 48.68
signal [adc counts]

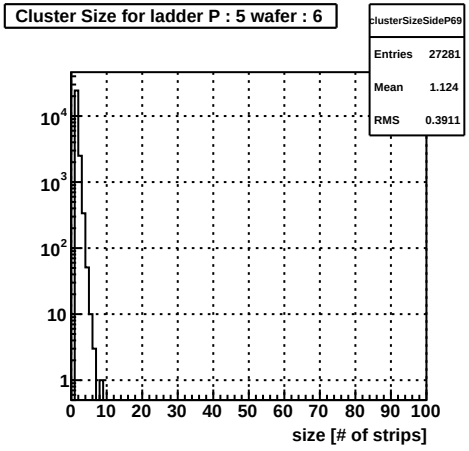

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 26244
Mean 1.23
RMS 0.6616
size [# of strips]

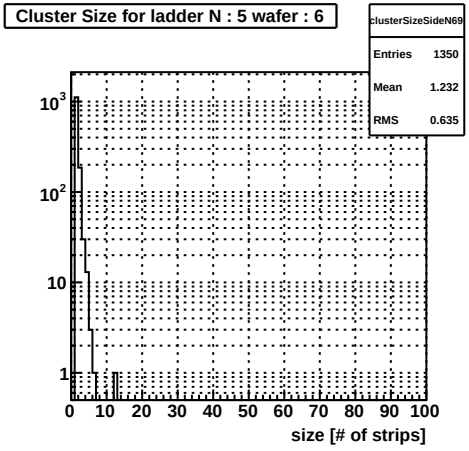

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 10715
Mean 1.444
RMS 0.7207
size [# of strips]

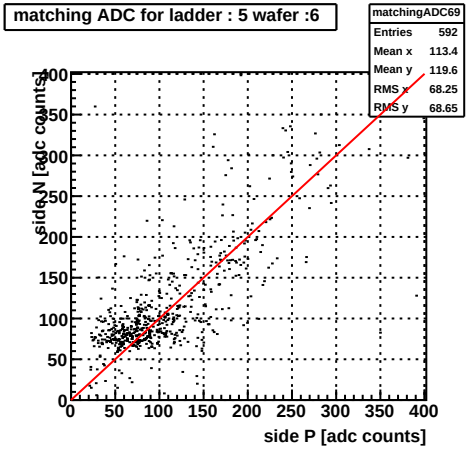

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1449
Mean x 80.64
Mean y 64
RMS x 65.05
RMS y 53.9
side N [adc counts]
side P [adc counts]

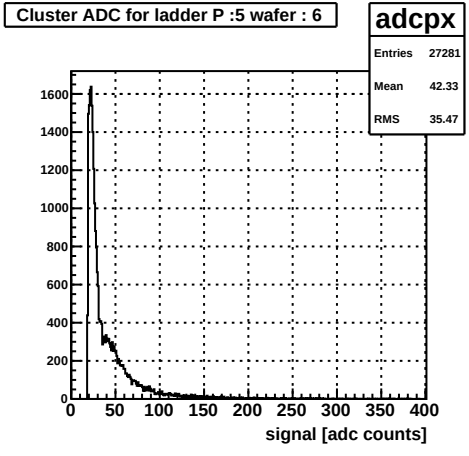

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 26244
Mean 42.32
RMS 37.46
signal [adc counts]

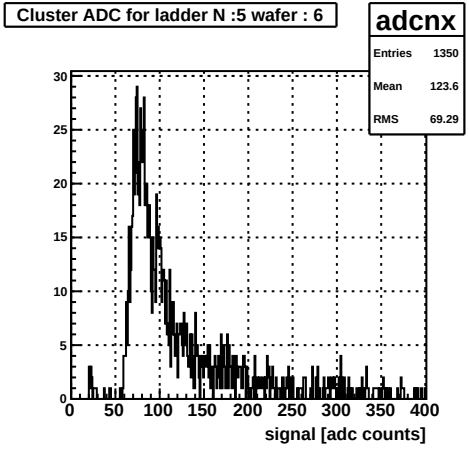

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 10715
Mean 67.24
RMS 53.77
signal [adc counts]

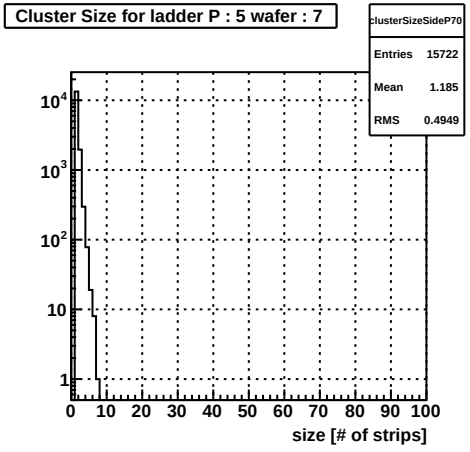

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 27281
Mean 1.124
RMS 0.3911
size [# of strips]

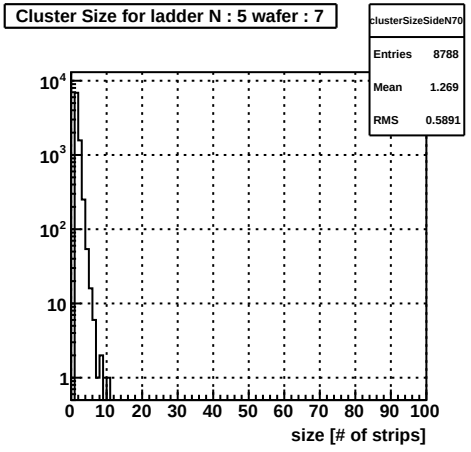

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 1350
Mean 1.232
RMS 0.635
size [# of strips]

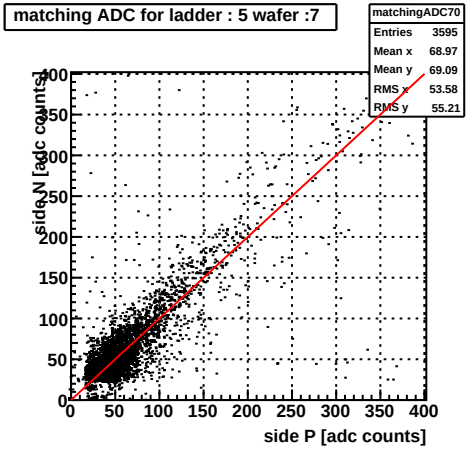

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 592
Mean x 113.4
Mean y 119.6
RMS x 68.25
RMS y 68.65
side N [adc counts]
side P [adc counts]

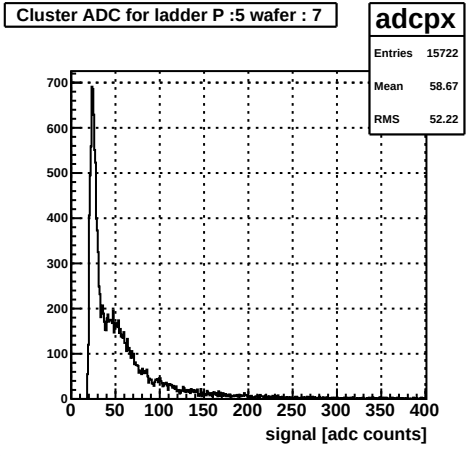

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 27281
Mean 42.33
RMS 35.47
signal [adc counts]

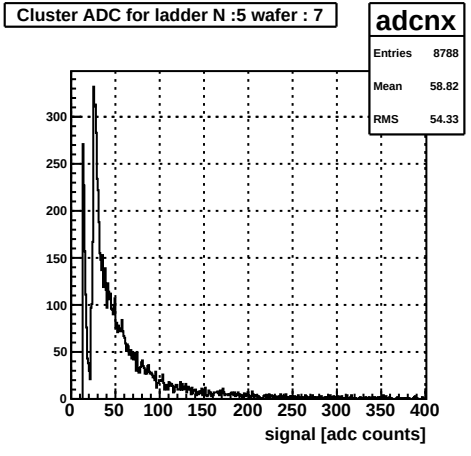

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 1350
Mean 123.6
RMS 69.29
signal [adc counts]

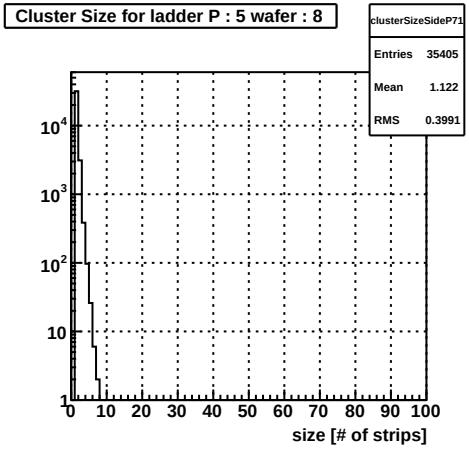

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 15722
Mean 1.185
RMS 0.4949
size [# of strips]

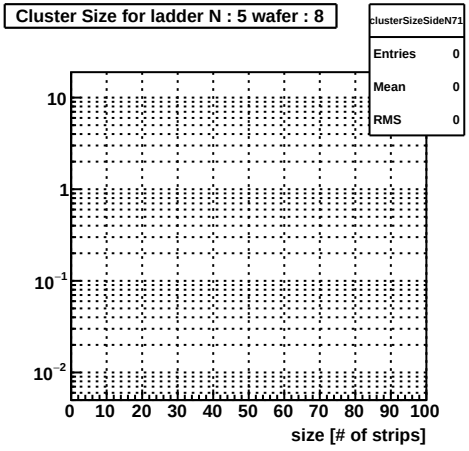

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 8788
Mean 1.269
RMS 0.5891
size [# of strips]

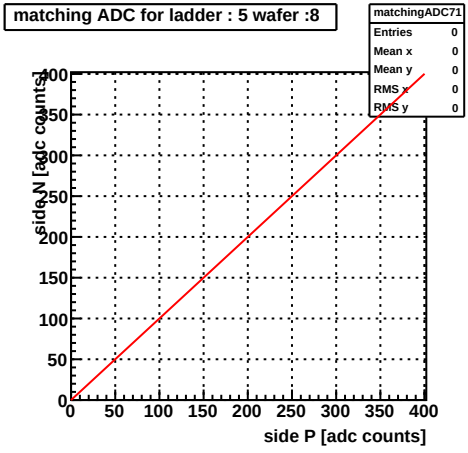

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 3595
Mean x 68.97
Mean y 69.09
RMS x 53.58
RMS y 55.21
side N [adc counts]
side P [adc counts]

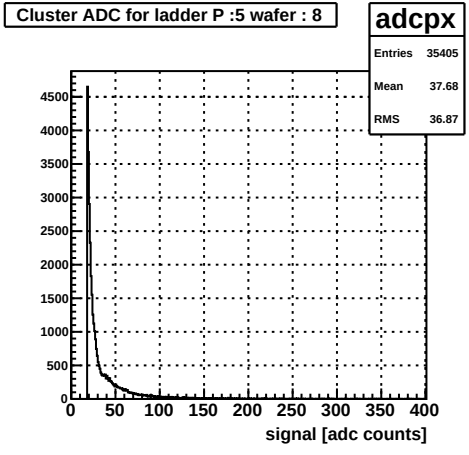

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 15722
Mean 58.67
RMS 52.22
signal [adc counts]

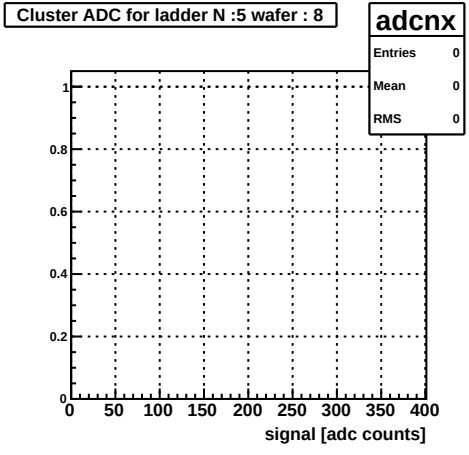

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 8788
Mean 58.82
RMS 54.33
signal [adc counts]

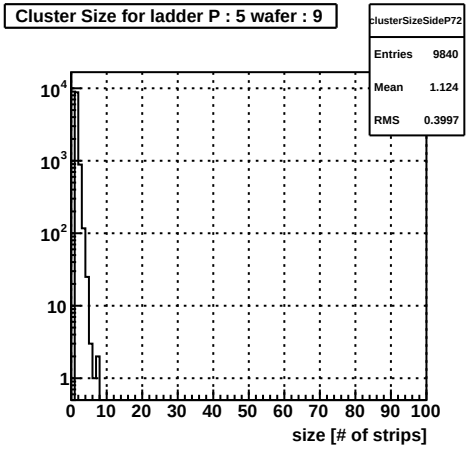

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 35405
Mean 1.122
RMS 0.3991
size [# of strips]

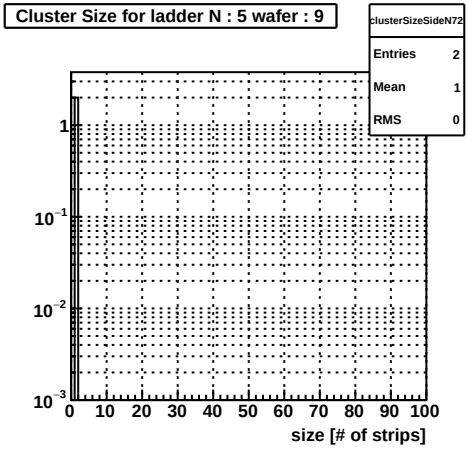

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

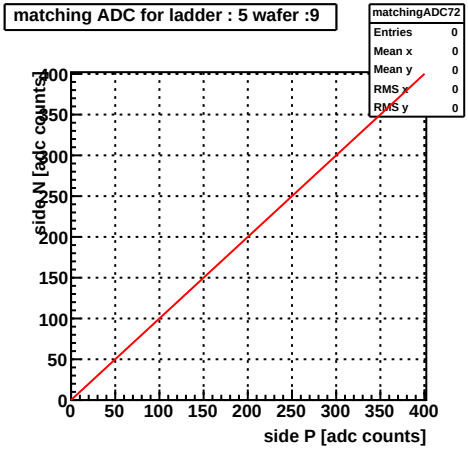

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

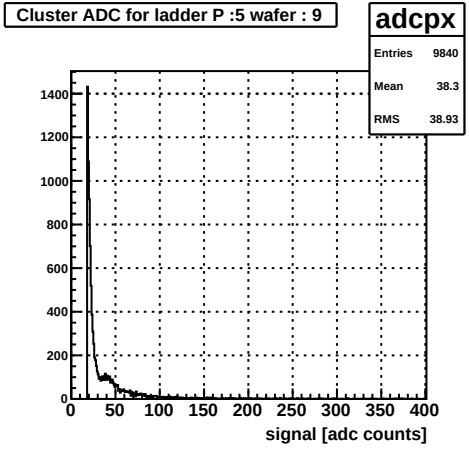

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 35405
Mean 37.68
RMS 36.87
signal [adc counts]

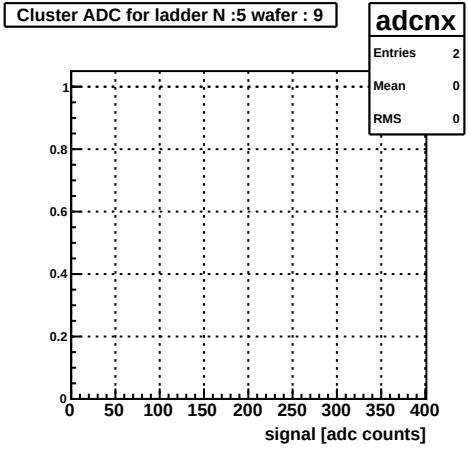

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

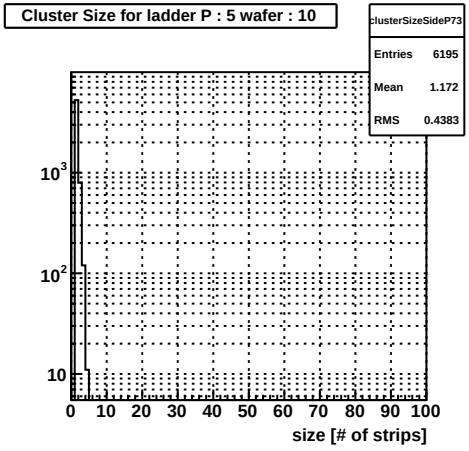

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 9840
Mean 1.124
RMS 0.3997
size [# of strips]

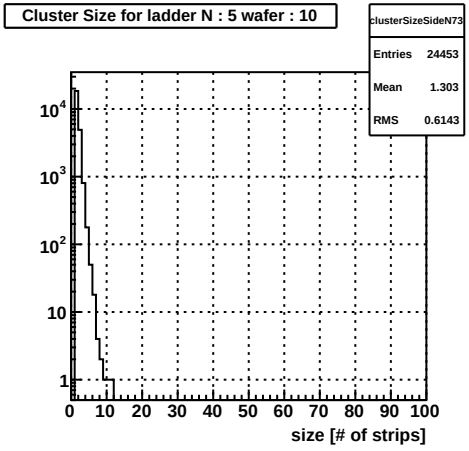

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 2
Mean 1
RMS 0
size [# of strips]

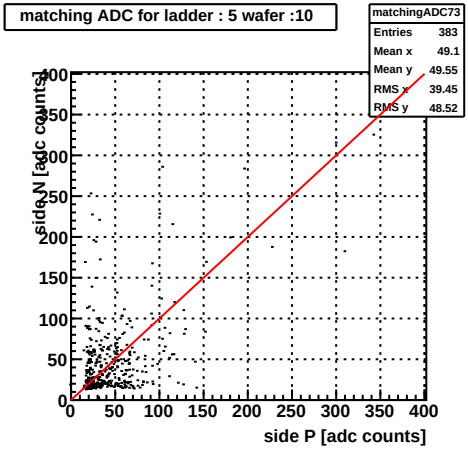

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

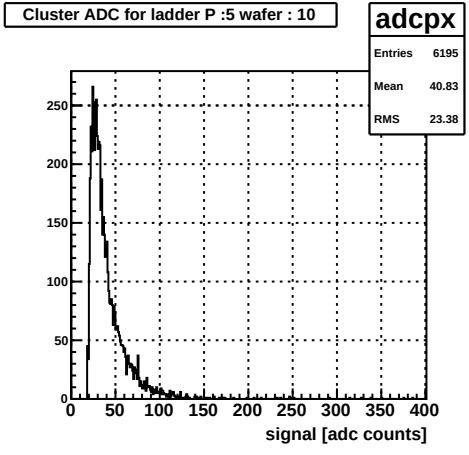

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 9840
Mean 38.3
RMS 38.93
signal [adc counts]

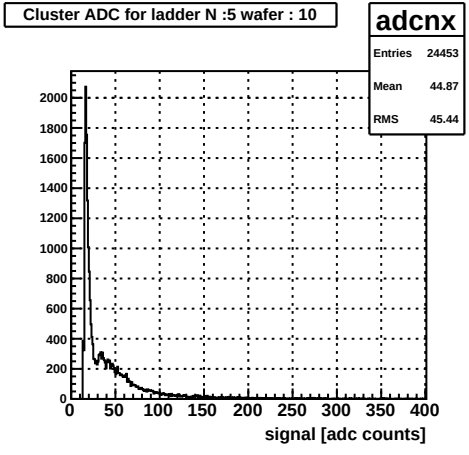

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

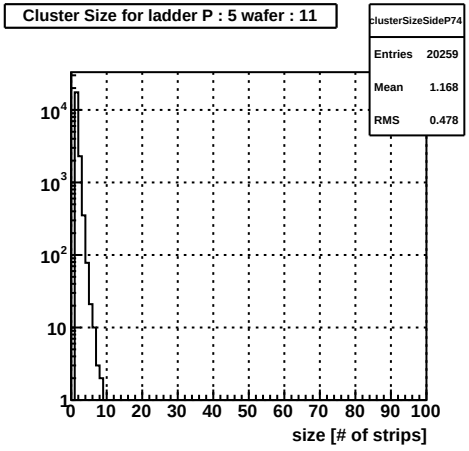

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6195
Mean 1.172
RMS 0.4383
size [# of strips]

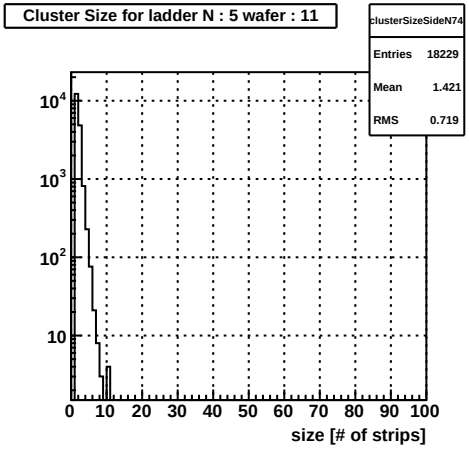

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 24453
Mean 1.303
RMS 0.6143
size [# of strips]

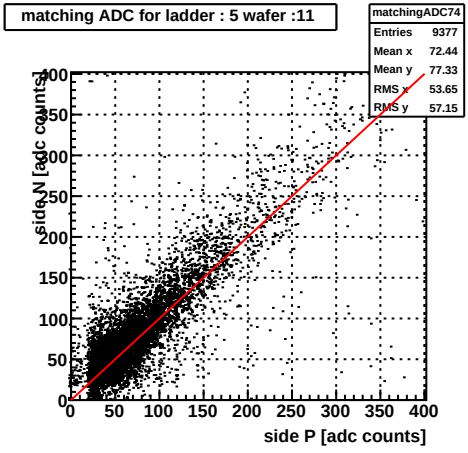

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 383
Mean x 49.1
Mean y 49.55
RMS x 39.45
RMS y 48.52
side N [adc counts]
side P [adc counts]

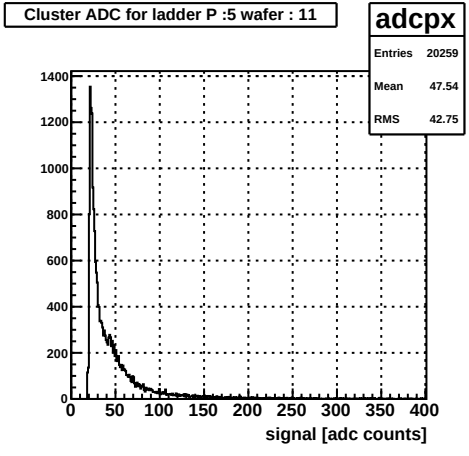

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6195
Mean 40.83
RMS 23.38
signal [adc counts]

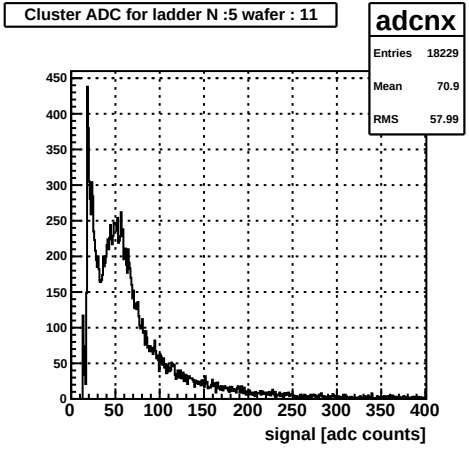

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 24453
Mean 44.87
RMS 45.44
signal [adc counts]

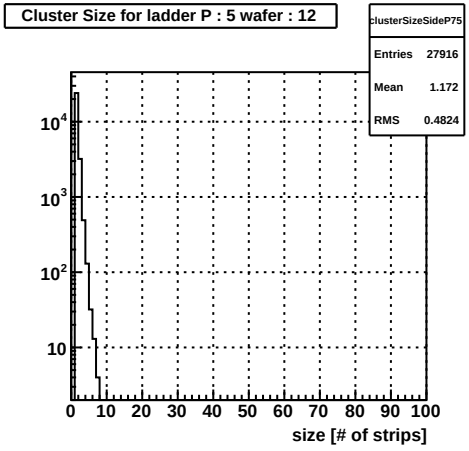

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 20259
Mean 1.168
RMS 0.478
size [# of strips]

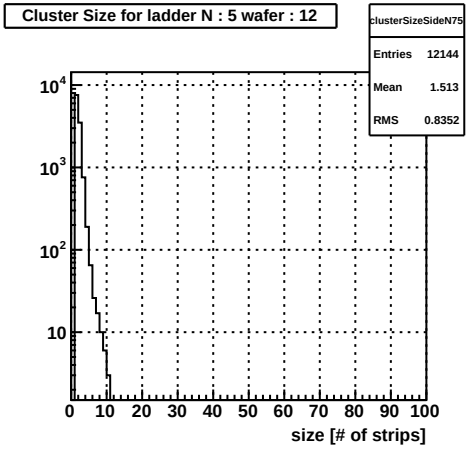

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 18229
Mean 1.421
RMS 0.719
size [# of strips]

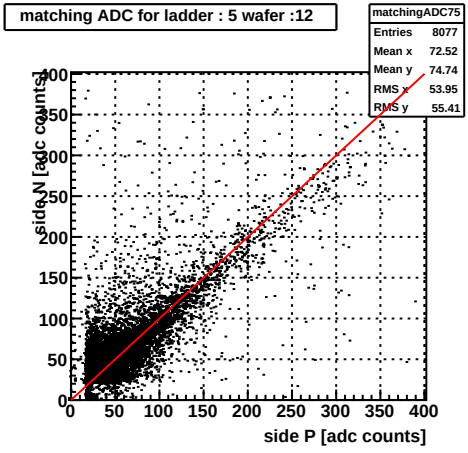

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 9377
Mean x 72.44
Mean y 77.33
RMS x 53.65
RMS y 57.15
side N [adc counts]
side P [adc counts]

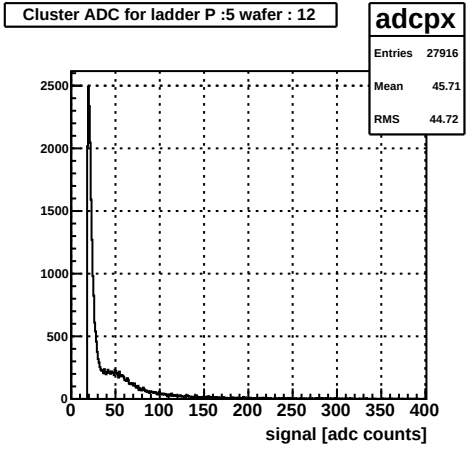

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 20259
Mean 47.54
RMS 42.75
signal [adc counts]

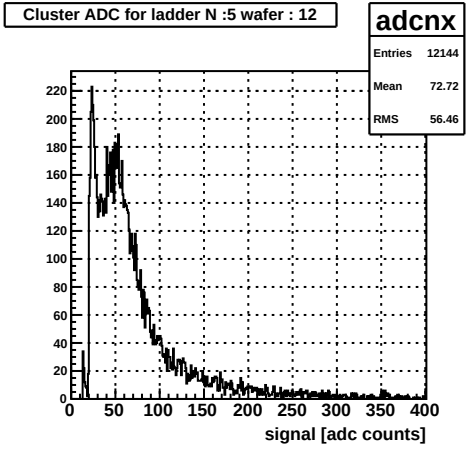

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 18229
Mean 70.9
RMS 57.99
signal [adc counts]

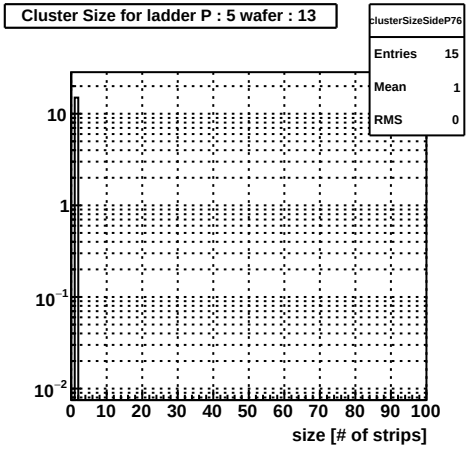

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 27916
Mean 1.172
RMS 0.4824
size [# of strips]

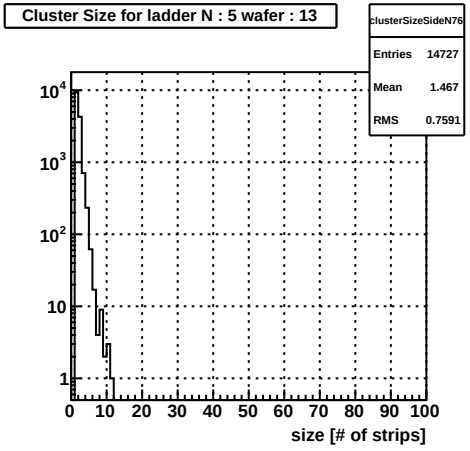

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 12144
Mean 1.513
RMS 0.8352
size [# of strips]

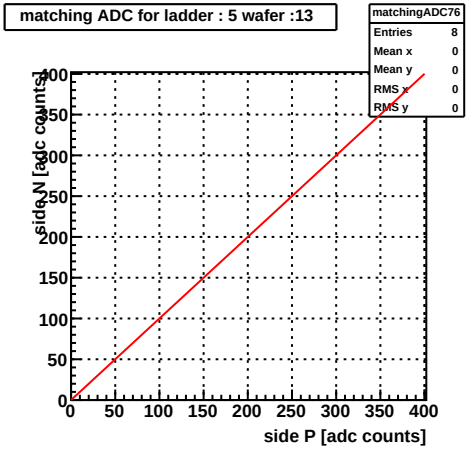

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 8077
Mean x 72.52
Mean y 74.74
RMS x 53.95
RMS y 55.41
side N [adc counts]
side P [adc counts]

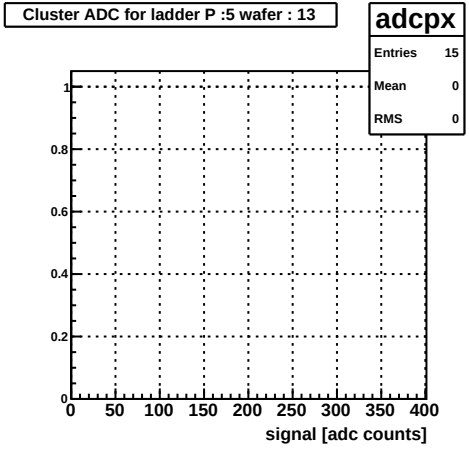

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 27916
Mean 45.71
RMS 44.72
signal [adc counts]

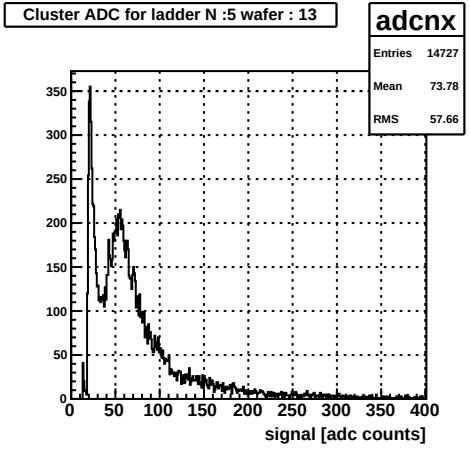

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 12144
Mean 72.72
RMS 56.46
signal [adc counts]

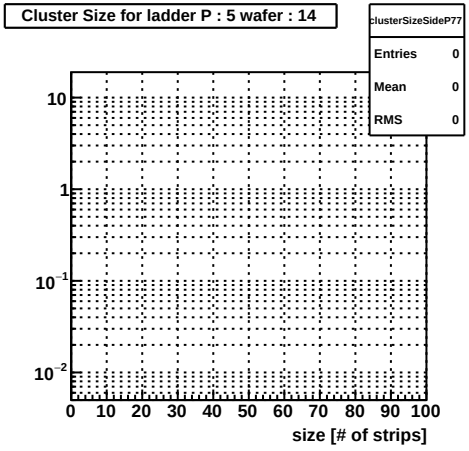

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 15
Mean 1
RMS 0
size [# of strips]

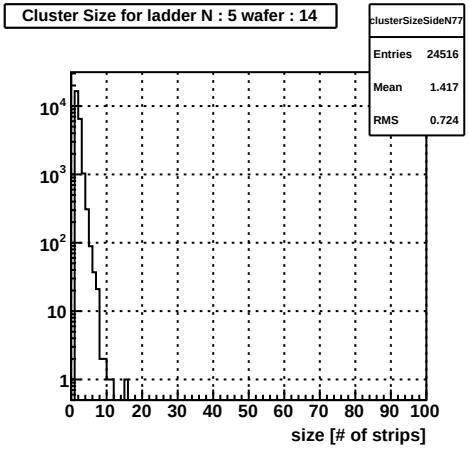

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 14727
Mean 1.467
RMS 0.7591
size [# of strips]

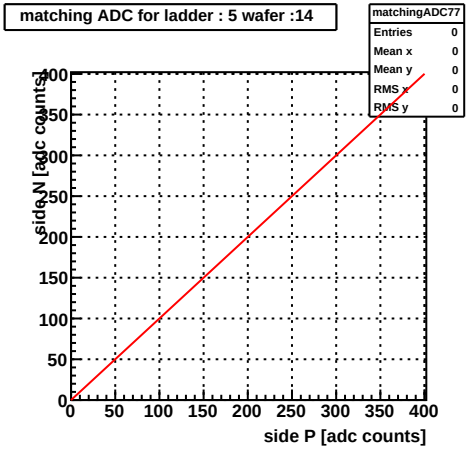

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

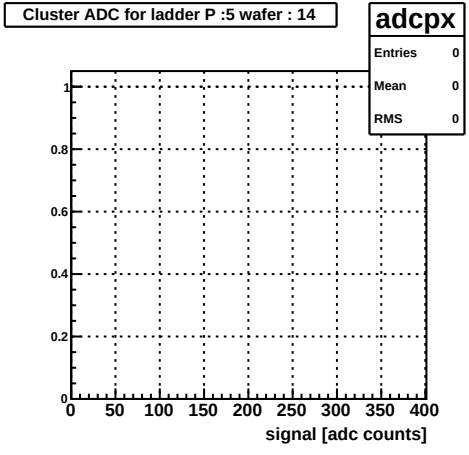

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 15
Mean 0
RMS 0
signal [adc counts]

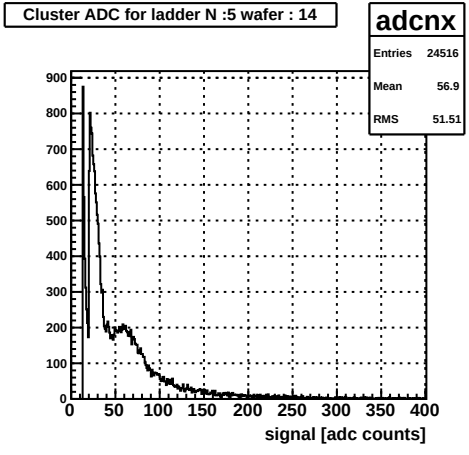

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 14727
Mean 73.78
RMS 57.66
signal [adc counts]

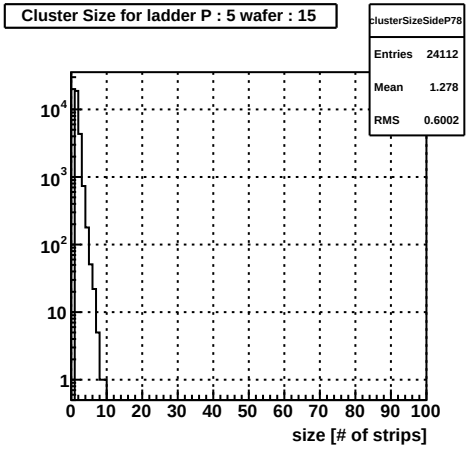

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

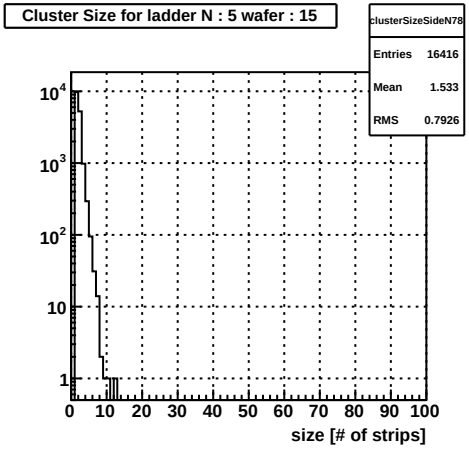

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 24516
Mean 1.417
RMS 0.724
size [# of strips]

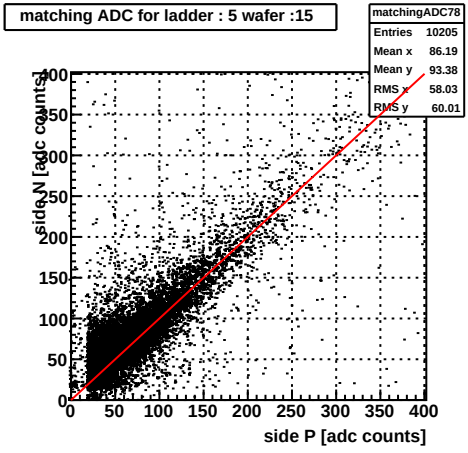

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

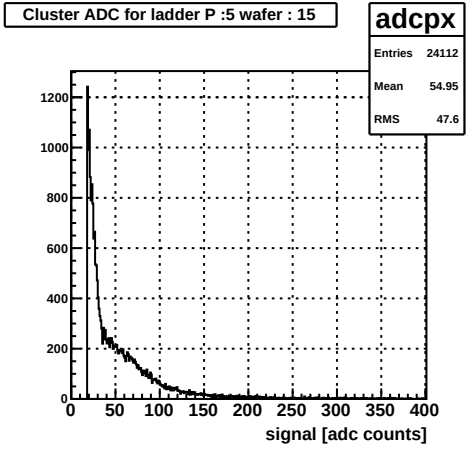

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

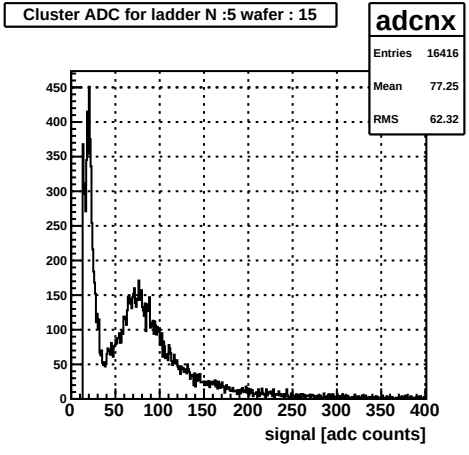

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 24516
Mean 56.9
RMS 51.51
signal [adc counts]

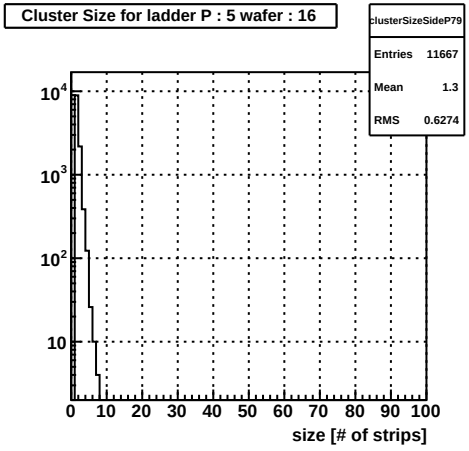

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 24112
Mean 1.278
RMS 0.6002
size [# of strips]

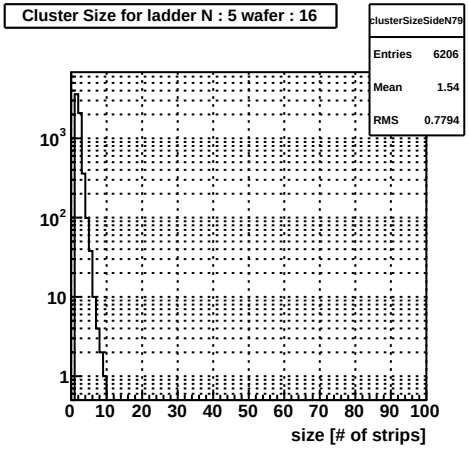

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 16416
Mean 1.533
RMS 0.7926
size [# of strips]

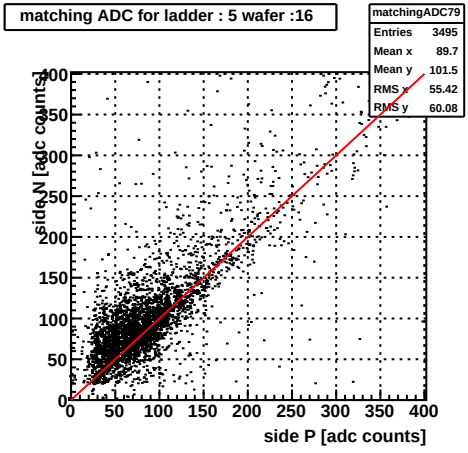

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 10205
Mean x 86.19
Mean y 93.38
RMS x 58.03
RMS y 60.01
side N [adc counts]
side P [adc counts]

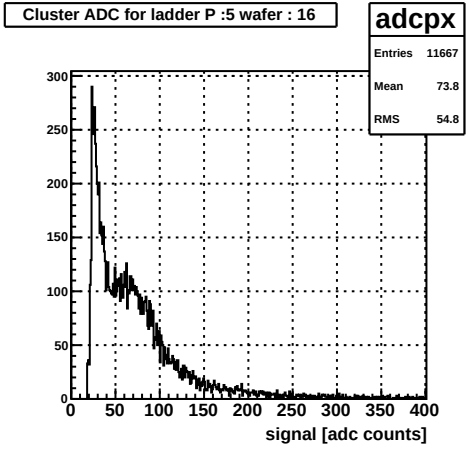

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 24112
Mean 54.95
RMS 47.6
signal [adc counts]

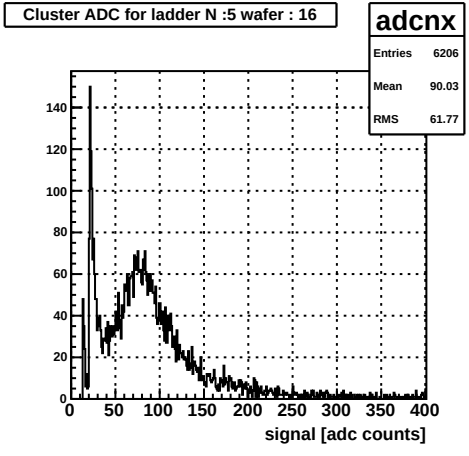

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 16416
Mean 77.25
RMS 62.32
signal [adc counts]

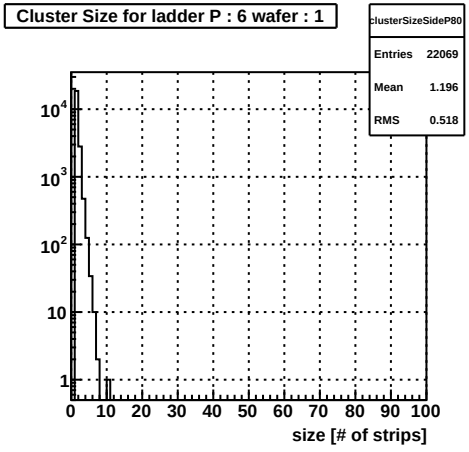

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 11667
Mean 1.3
RMS 0.6274
size [# of strips]

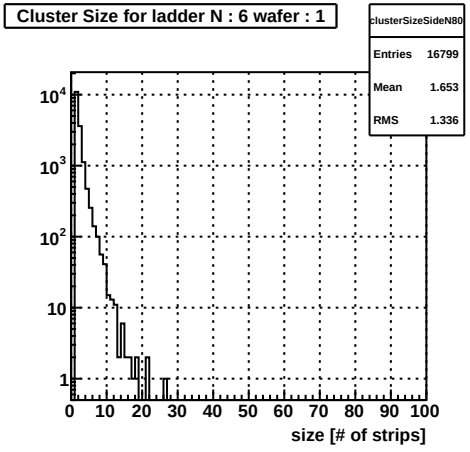

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 6206
Mean 1.54
RMS 0.7794
size [# of strips]

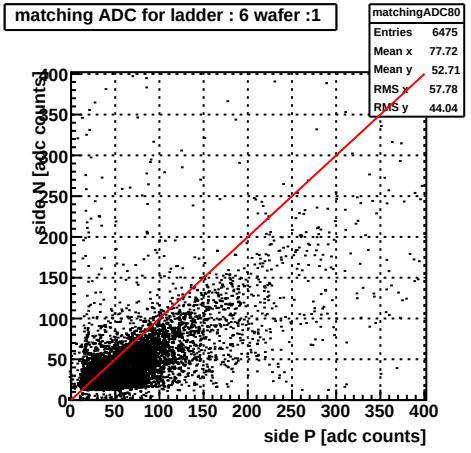

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 3495
Mean x 89.7
Mean y 101.5
RMS x 55.42
RMS y 60.08
side N [adc counts]
side P [adc counts]

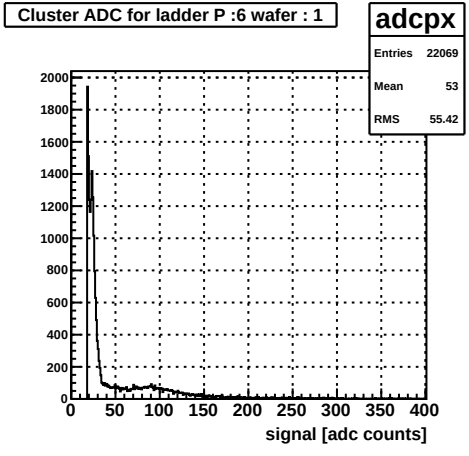

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 11667
Mean 73.8
RMS 54.8
signal [adc counts]

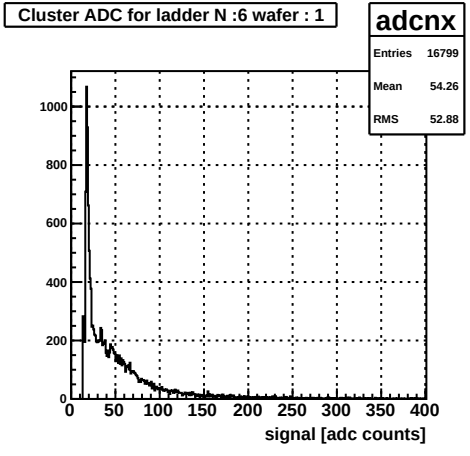

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 6206
Mean 90.03
RMS 61.77
signal [adc counts]

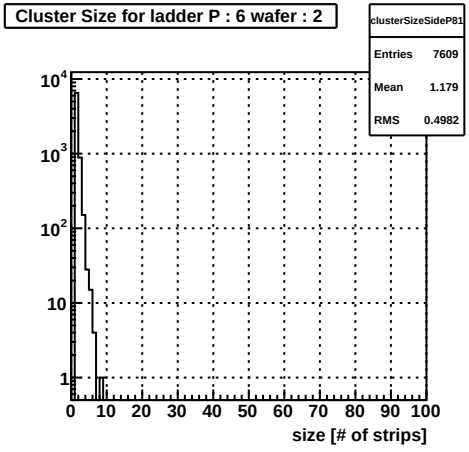

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 22069
Mean 1.196
RMS 0.518
size [# of strips]

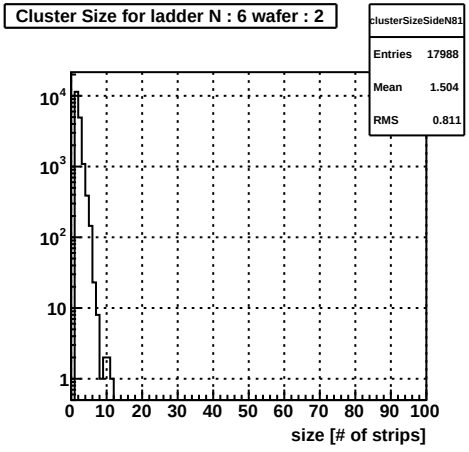

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 16799
Mean 1.653
RMS 1.336
size [# of strips]

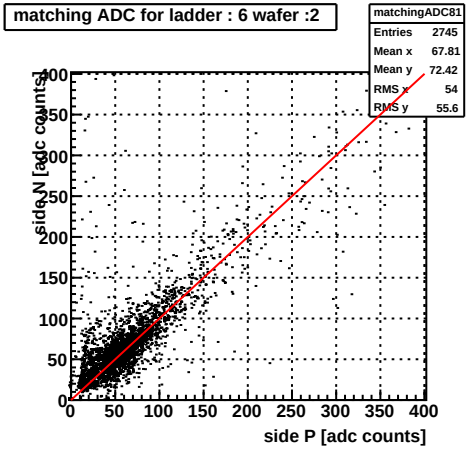

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 6475
Mean x 77.72
Mean y 52.71
RMS x 57.78
RMS y 44.04
side N [adc counts]
side P [adc counts]

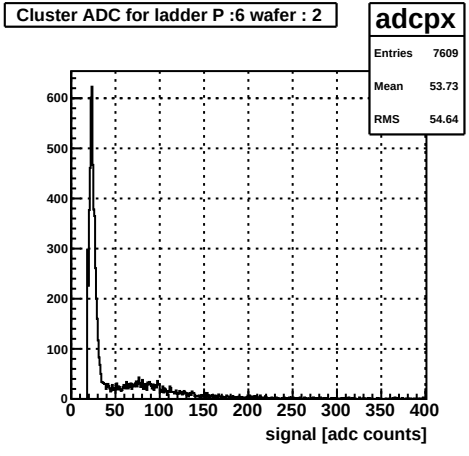

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 22069
Mean 53
RMS 55.42
signal [adc counts]

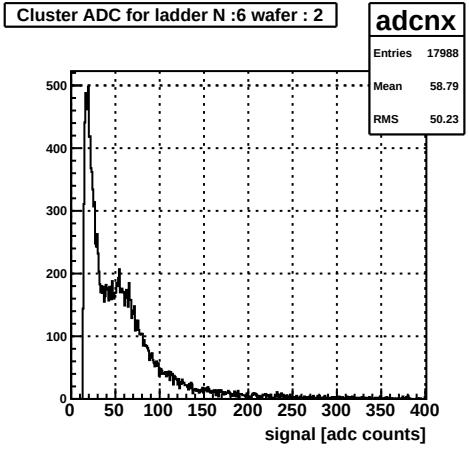

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 16799
Mean 54.26
RMS 52.88
signal [adc counts]

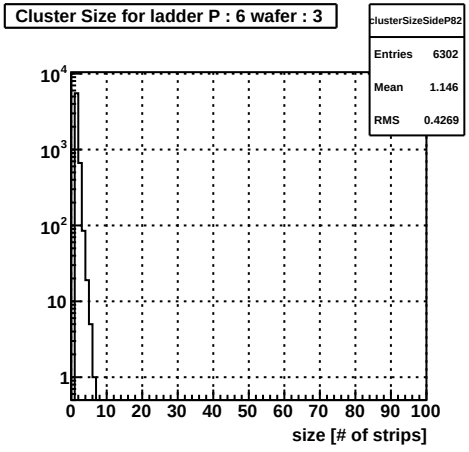

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 7609
Mean 1.179
RMS 0.4982
size [# of strips]

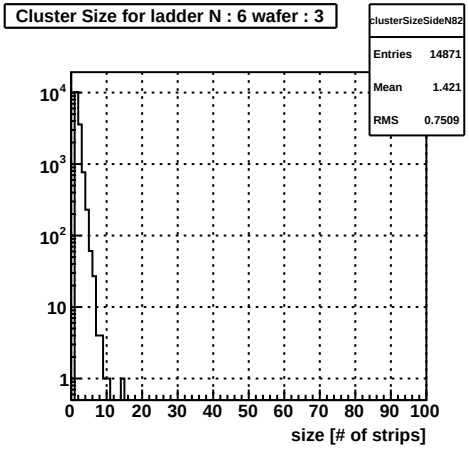

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 17988
Mean 1.504
RMS 0.811
size [# of strips]

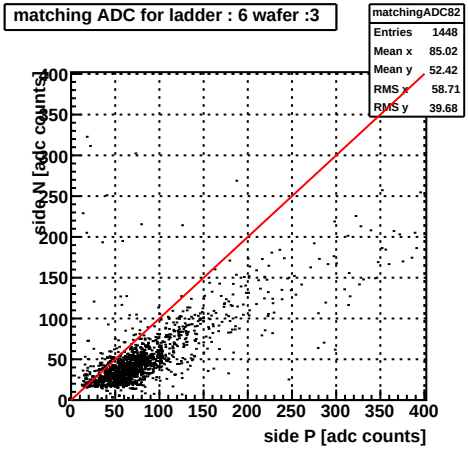

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 2745
Mean x 67.81
Mean y 72.42
RMS x 54
RMS y 55.6
side N [adc counts]
side P [adc counts]

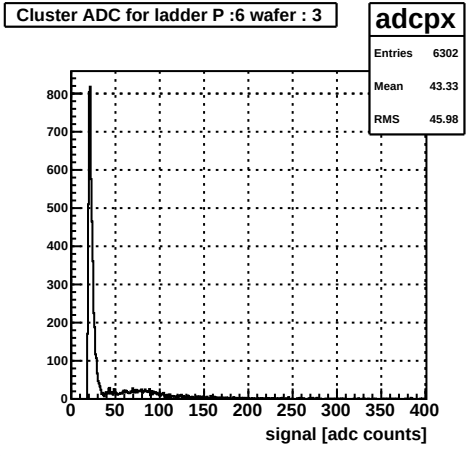

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 7609
Mean 53.73
RMS 54.64
signal [adc counts]

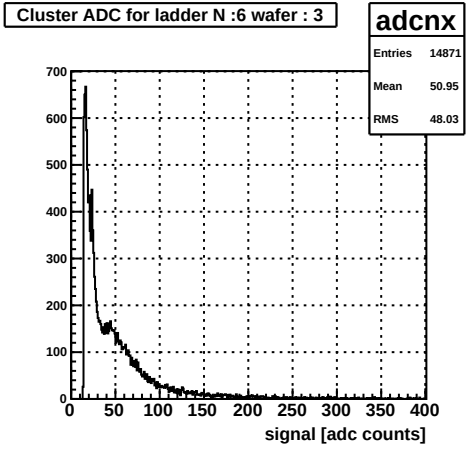

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 17988
Mean 58.79
RMS 50.23
signal [adc counts]

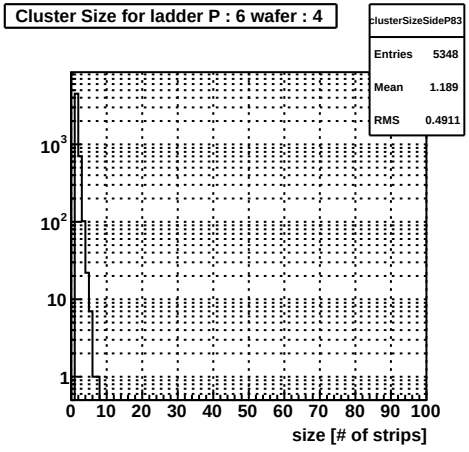

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 6302
Mean 1.146
RMS 0.4269
size [# of strips]

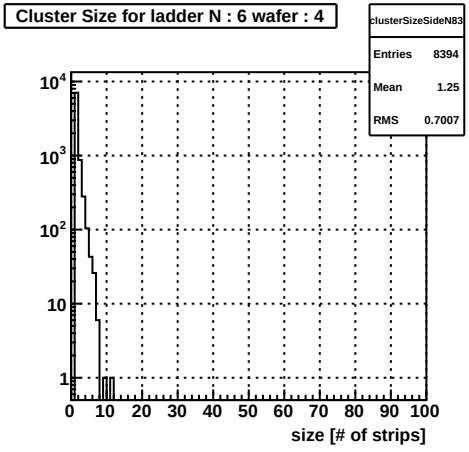

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 14871
Mean 1.421
RMS 0.7509
size [# of strips]

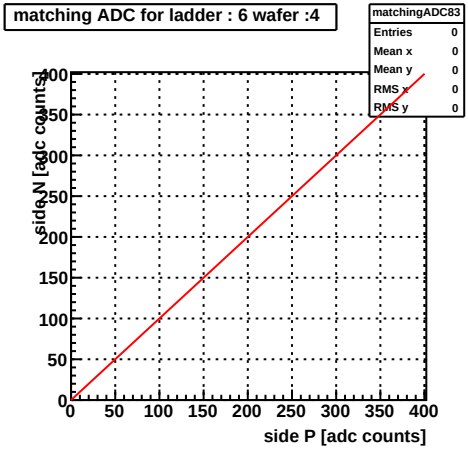

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1448
Mean x 85.02
Mean y 52.42
RMS x 58.71
RMS y 39.68
side N [adc counts]
side P [adc counts]

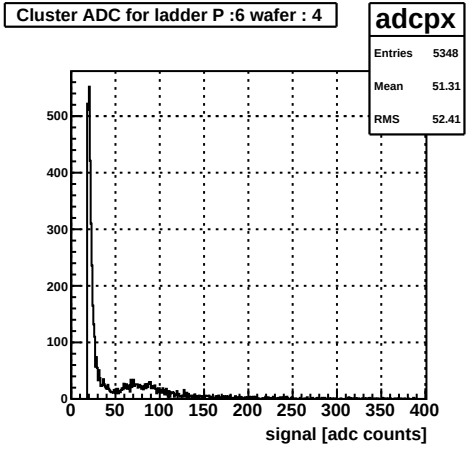

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 6302
Mean 43.33
RMS 45.98
signal [adc counts]

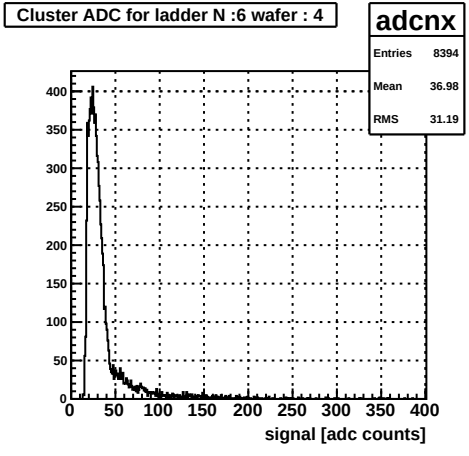

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 14871
Mean 50.95
RMS 48.03
signal [adc counts]

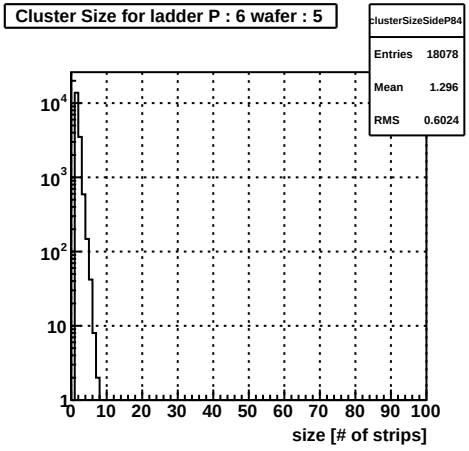

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 5348
Mean 1.189
RMS 0.4911
size [# of strips]

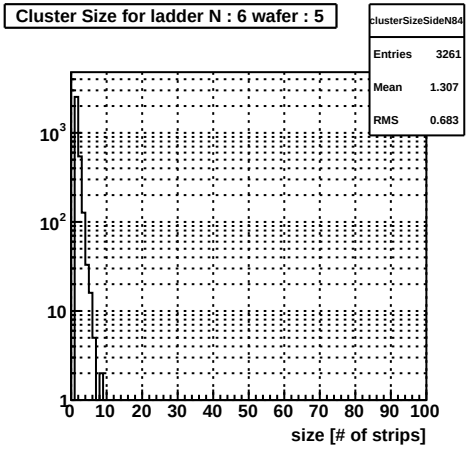

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 8394
Mean 1.25
RMS 0.7007
size [# of strips]

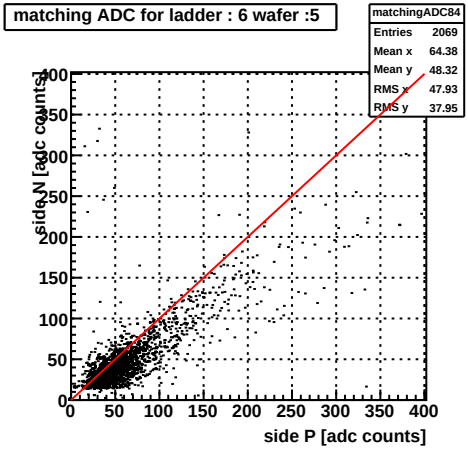

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

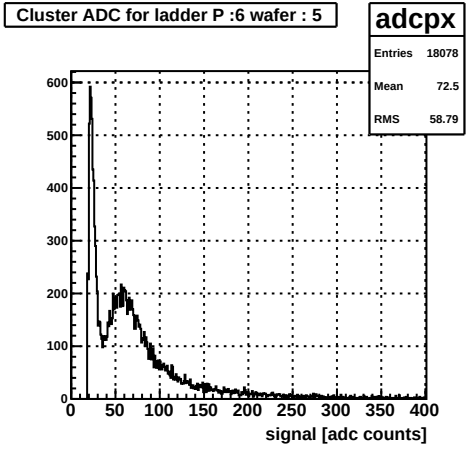

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 5348
Mean 51.31
RMS 52.41
signal [adc counts]

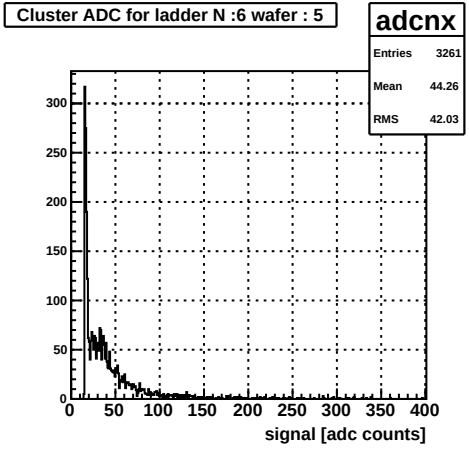

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 8394
Mean 36.98
RMS 31.19
signal [adc counts]

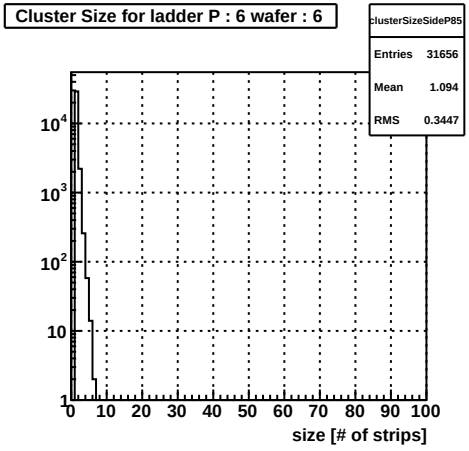

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 18078
Mean 1.296
RMS 0.6024
size [# of strips]

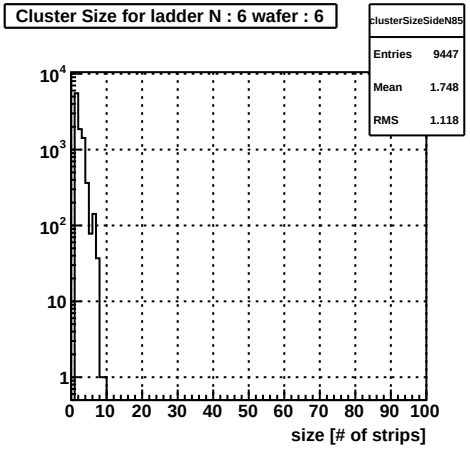

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 3261
Mean 1.307
RMS 0.683
size [# of strips]

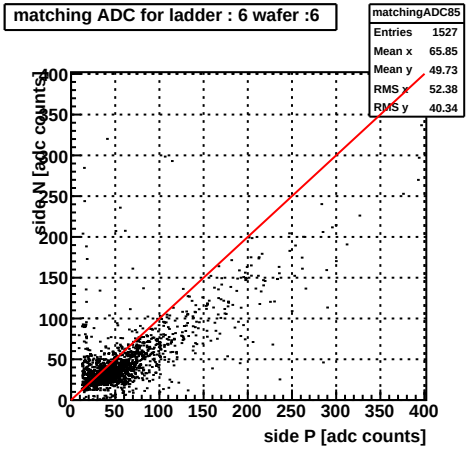

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 2069
Mean x 64.38
Mean y 48.32
RMS x 47.93
RMS y 37.95
side N [adc counts]
side P [adc counts]

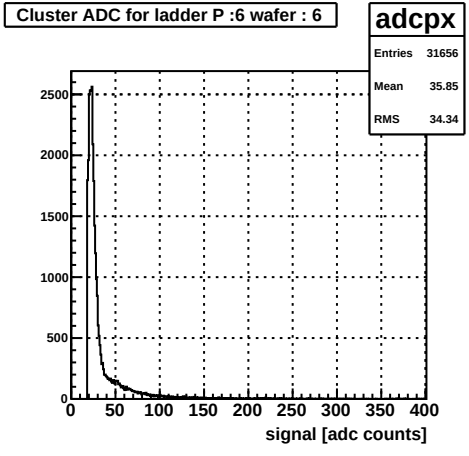

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 18078
Mean 72.5
RMS 58.79
signal [adc counts]

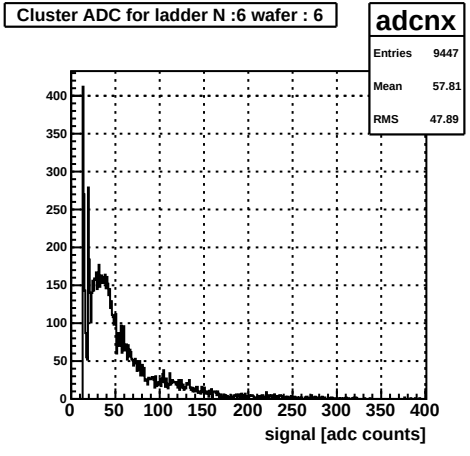

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 3261
Mean 44.26
RMS 42.03
signal [adc counts]

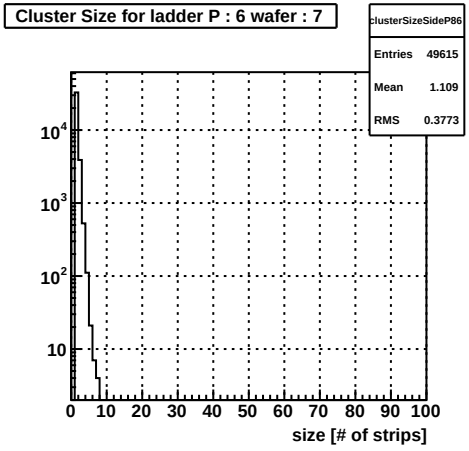

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 31656
Mean 1.094
RMS 0.3447
size [# of strips]

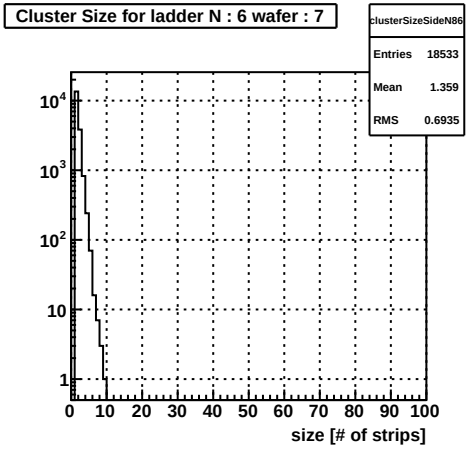

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 9447
Mean 1.748
RMS 1.118
size [# of strips]

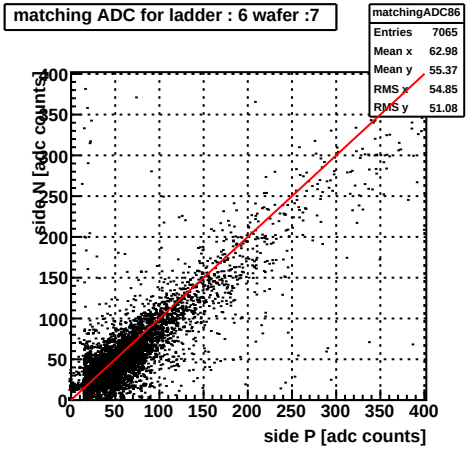

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1527
Mean x 65.85
Mean y 49.73
RMS x 52.38
RMS y 40.34
side N [adc counts]
side P [adc counts]

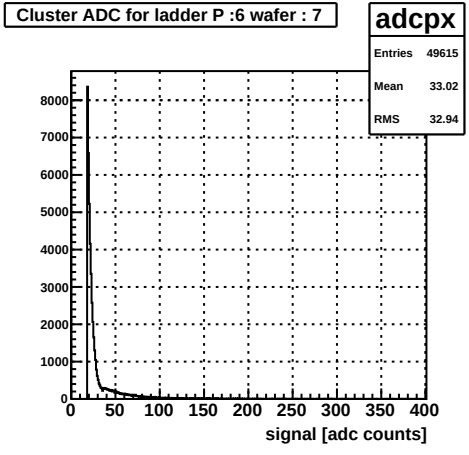

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 31656
Mean 35.85
RMS 34.34
signal [adc counts]

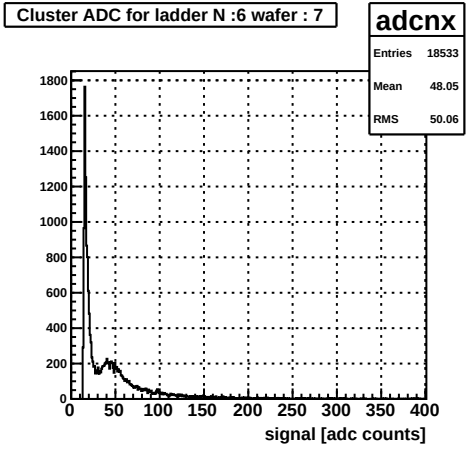

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 9447
Mean 57.81
RMS 47.89
signal [adc counts]

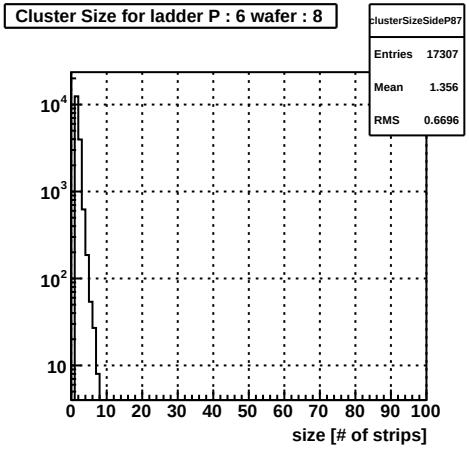

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 49615
Mean 1.109
RMS 0.3773
size [# of strips]

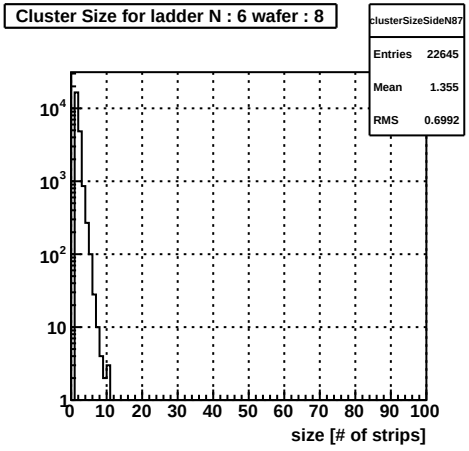

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 18533
Mean 1.359
RMS 0.6935
size [# of strips]

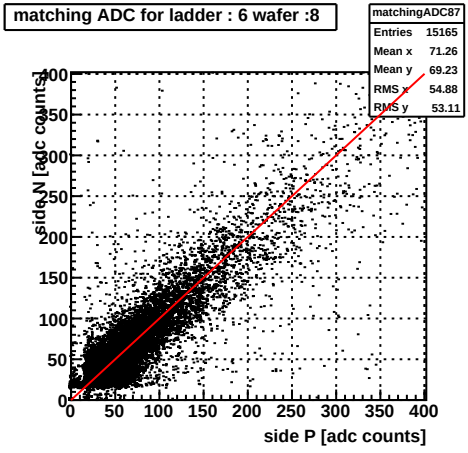

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 7065
Mean x 62.98
Mean y 55.37
RMS x 54.85
RMS y 51.08
side N [adc counts]
side P [adc counts]

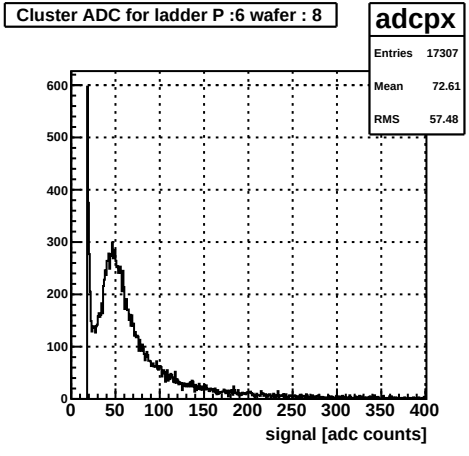

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 49615
Mean 33.02
RMS 32.94
signal [adc counts]

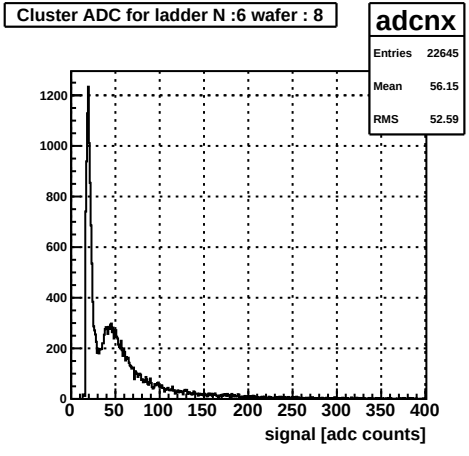

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 18533
Mean 48.05
RMS 50.06
signal [adc counts]

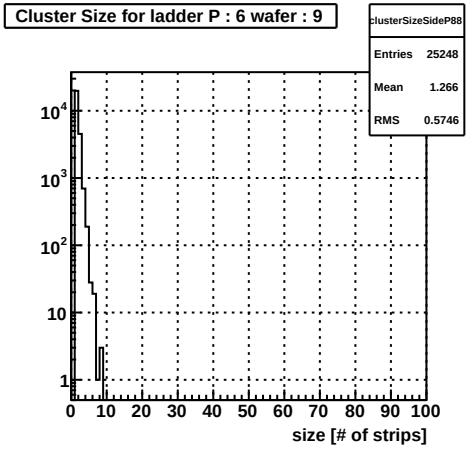

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 17307
Mean 1.356
RMS 0.6696
size [# of strips]

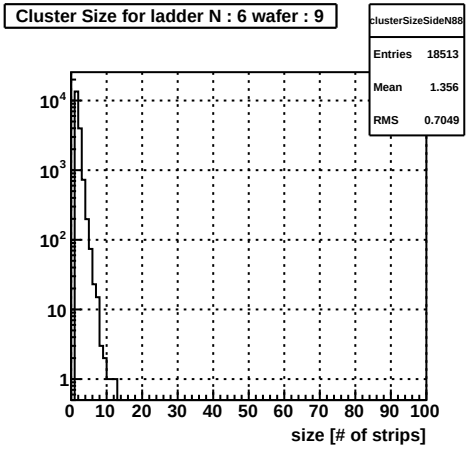

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 22645
Mean 1.355
RMS 0.6992
size [# of strips]

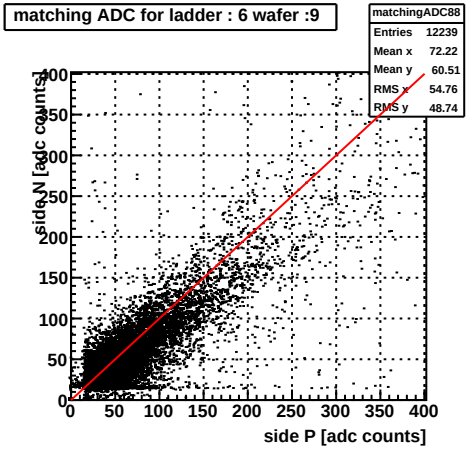

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 15165
Mean x 71.26
Mean y 69.23
RMS x 54.88
RMS y 53.11
side N [adc counts]
side P [adc counts]

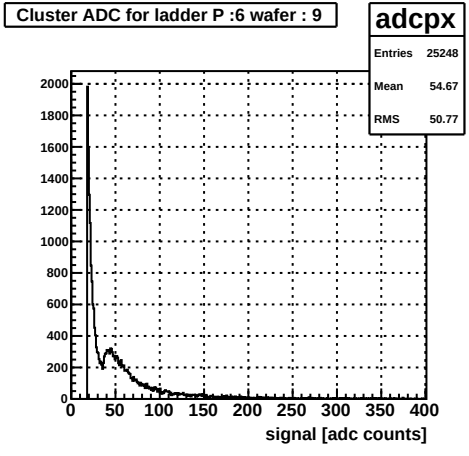

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 17307
Mean 72.61
RMS 57.48
signal [adc counts]

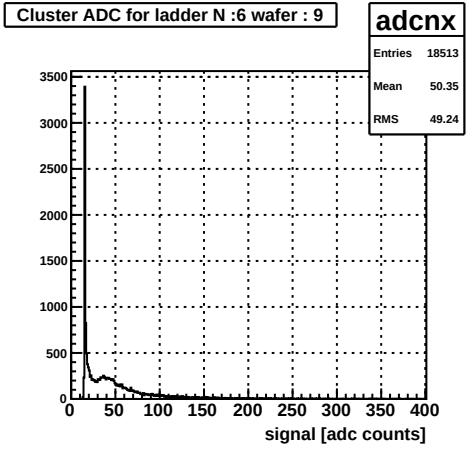

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 22645
Mean 56.15
RMS 52.59
signal [adc counts]

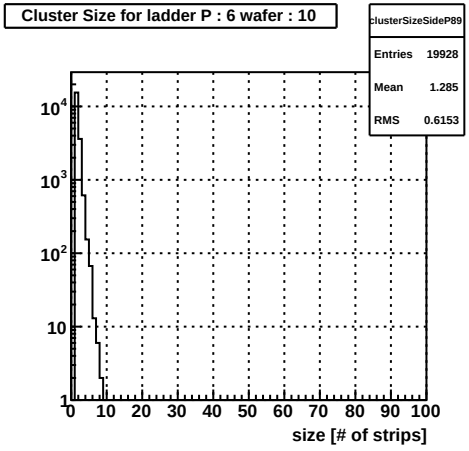

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 25248
Mean 1.266
RMS 0.5746
size [# of strips]

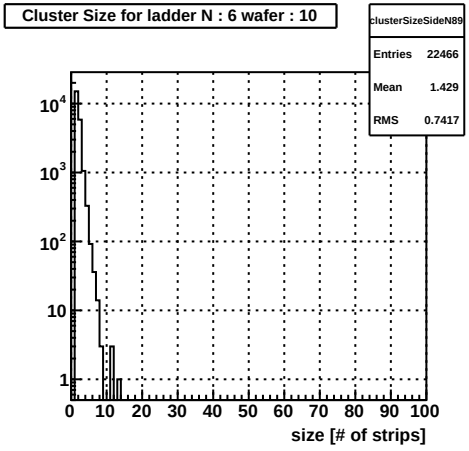

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 18513
Mean 1.356
RMS 0.7049
size [# of strips]

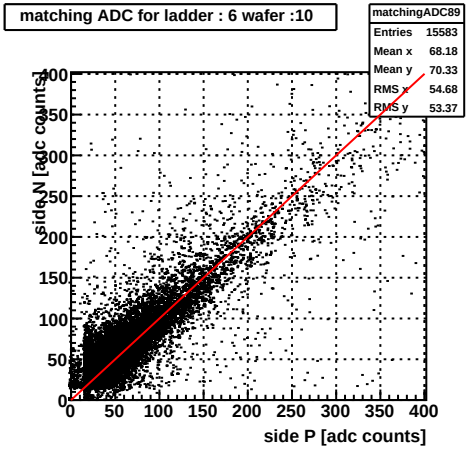

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 12239
Mean x 72.22
Mean y 60.51
RMS x 54.76
RMS y 48.74
side N [adc counts]
side P [adc counts]

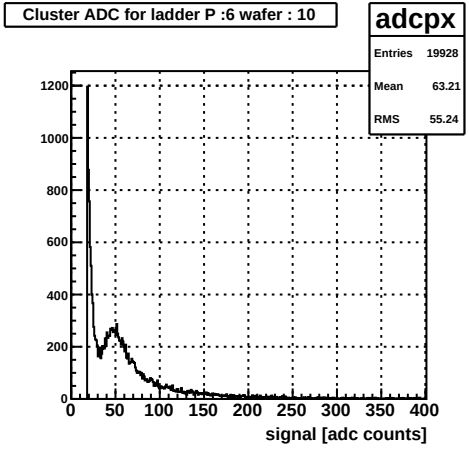

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 25248
Mean 54.67
RMS 50.77
signal [adc counts]

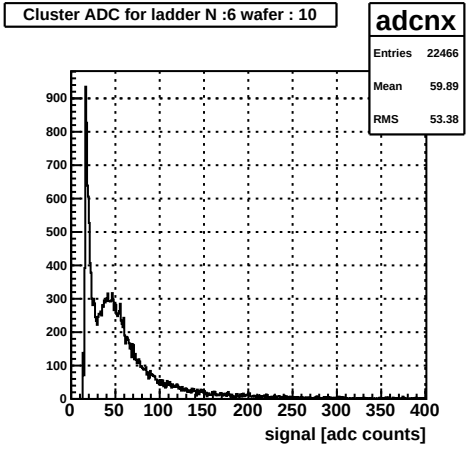

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 18513
Mean 50.35
RMS 49.24
signal [adc counts]

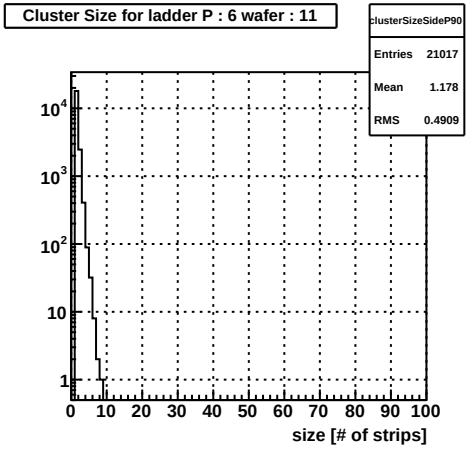

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 19928
Mean 1.285
RMS 0.6153
size [# of strips]

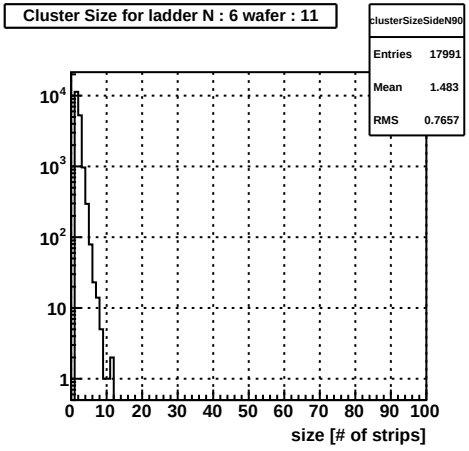

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 22466
Mean 1.429
RMS 0.7417
size [# of strips]

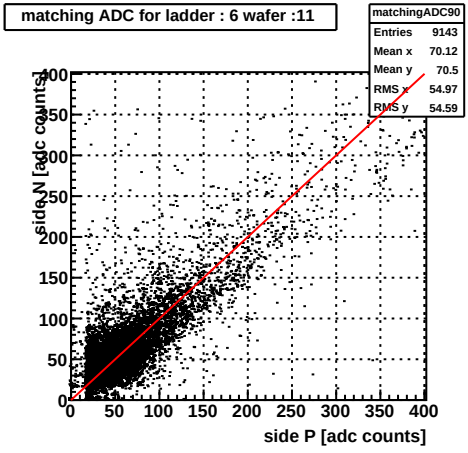

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 15583
Mean x 68.18
Mean y 70.33
RMS x 54.68
RMS y 53.37
side N [adc counts]
side P [adc counts]

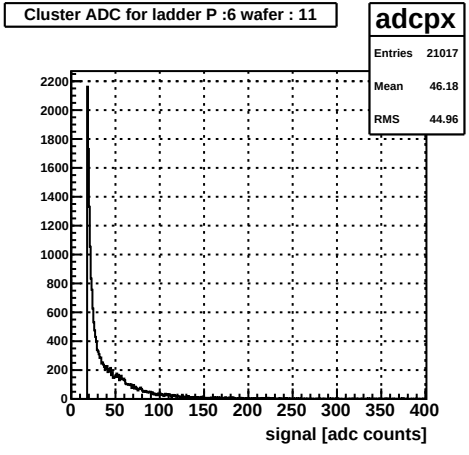

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 19928
Mean 63.21
RMS 55.24
signal [adc counts]

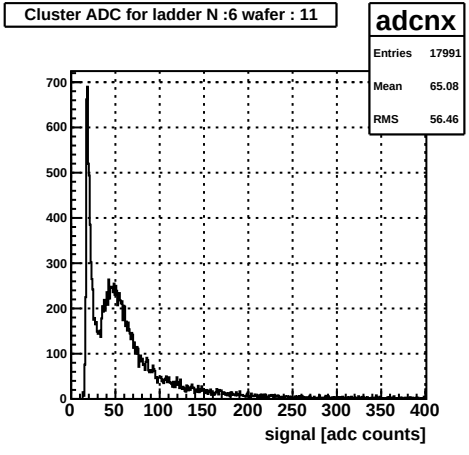

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 22466
Mean 59.89
RMS 53.38
signal [adc counts]

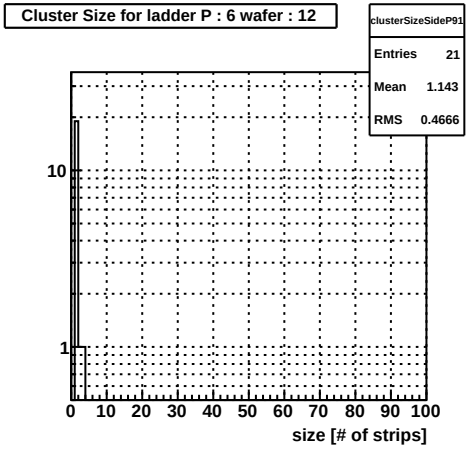

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 21017
Mean 1.178
RMS 0.4909
size [# of strips]

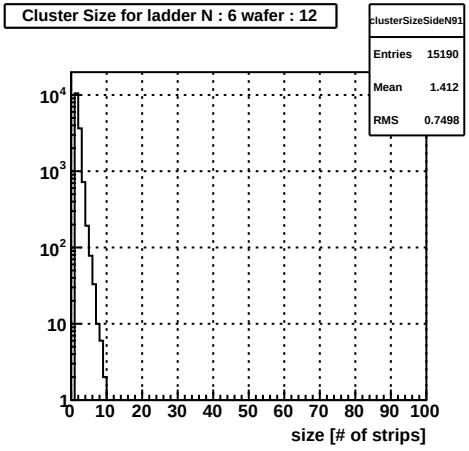

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 17991
Mean 1.483
RMS 0.7657
size [# of strips]

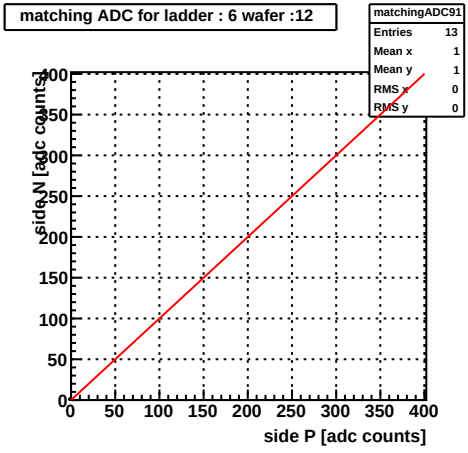

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 9143
Mean x 70.12
Mean y 70.5
RMS x 54.97
RMS y 54.59
side N [adc counts]
side P [adc counts]

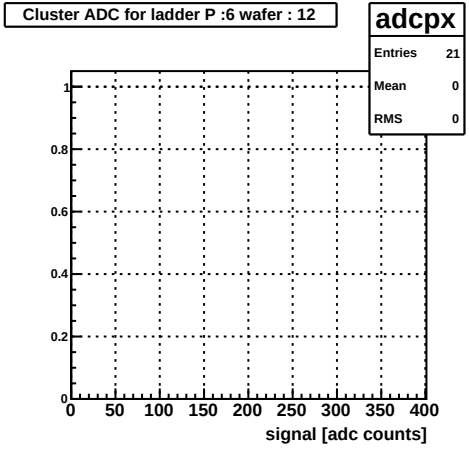

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 21017
Mean 46.18
RMS 44.96
signal [adc counts]

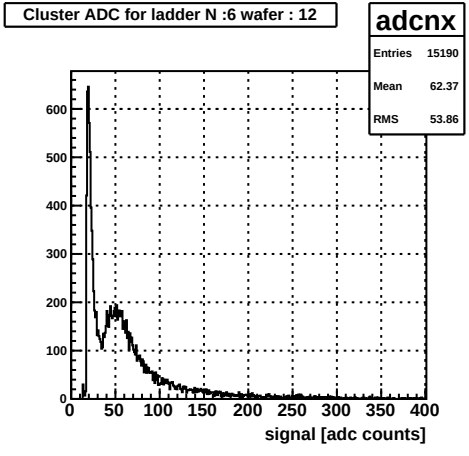

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 17991
Mean 65.08
RMS 56.46
signal [adc counts]

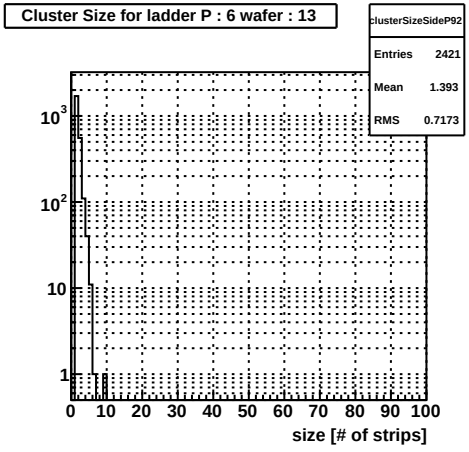

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 21
Mean 1.143
RMS 0.4666
size [# of strips]

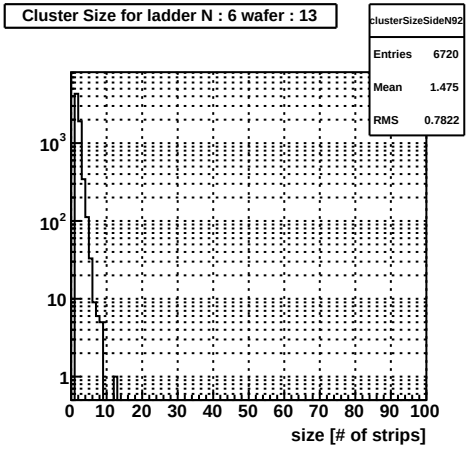

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 15190
Mean 1.412
RMS 0.7498
size [# of strips]

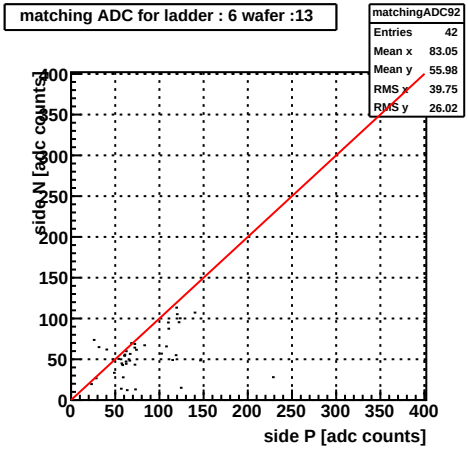

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 13
Mean x 1
Mean y 1
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

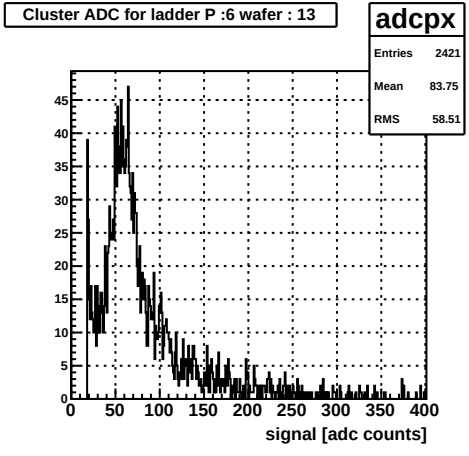

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 21
Mean 0
RMS 0
signal [adc counts]

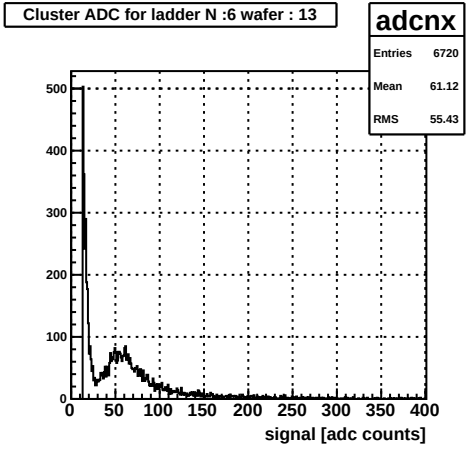

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 15190
Mean 62.37
RMS 53.86
signal [adc counts]

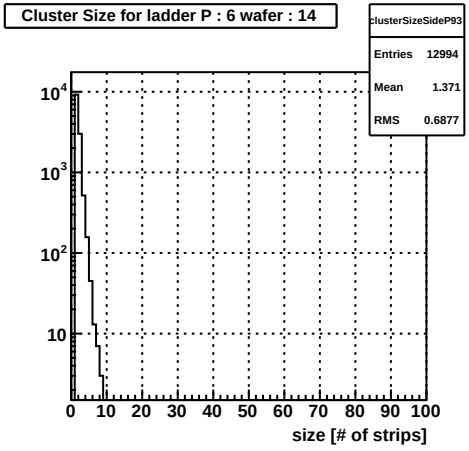

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 2421
Mean 1.393
RMS 0.7173
size [# of strips]

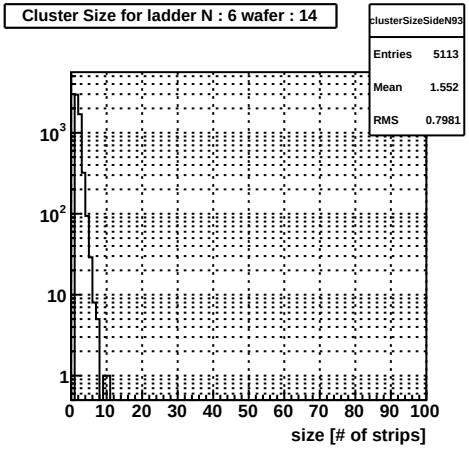

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6720
Mean 1.475
RMS 0.7822
size [# of strips]

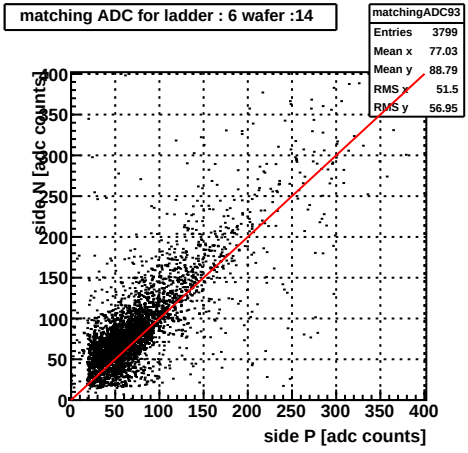

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 42
Mean x 83.05
Mean y 55.98
RMS x 39.75
RMS y 26.02
side N [adc counts]
side P [adc counts]

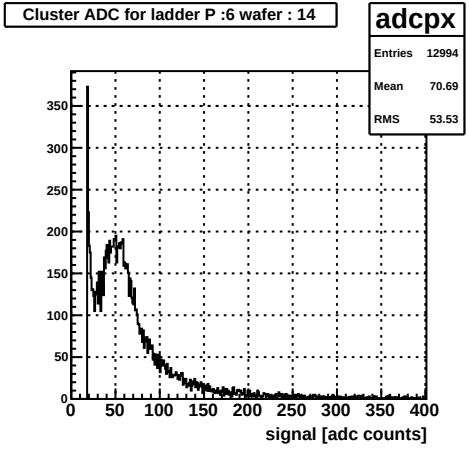

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 2421
Mean 83.75
RMS 58.51
signal [adc counts]

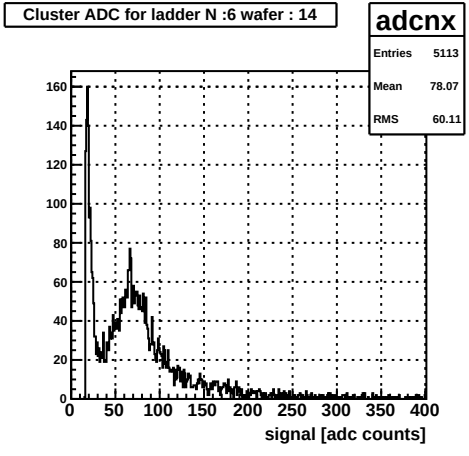

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6720
Mean 61.12
RMS 55.43
signal [adc counts]

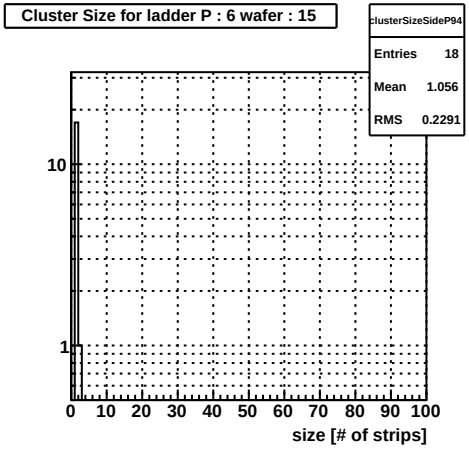

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 12994
Mean 1.371
RMS 0.6877
size [# of strips]

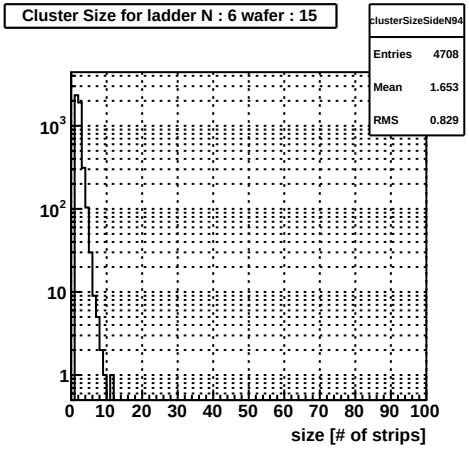

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 5113
Mean 1.552
RMS 0.7981
size [# of strips]

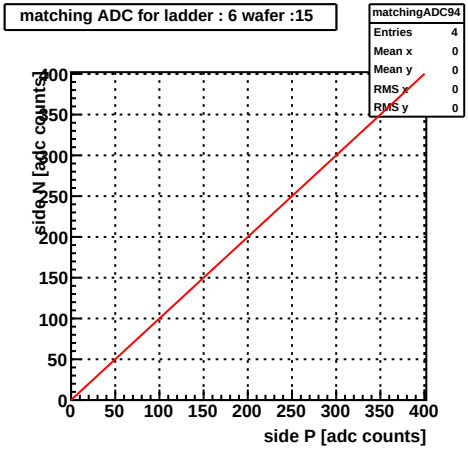

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 3799
Mean x 77.03
Mean y 88.79
RMS x 51.5
RMS y 56.95
side N [adc counts]
side P [adc counts]

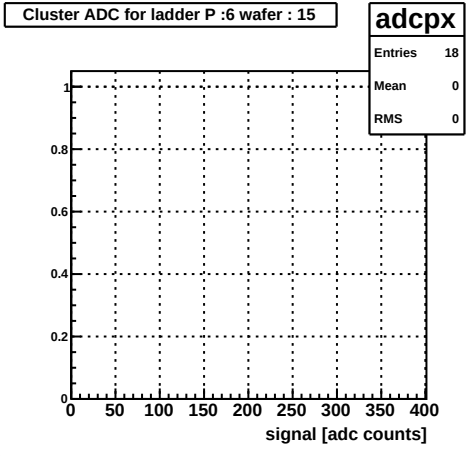

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 12994
Mean 70.69
RMS 53.53
signal [adc counts]

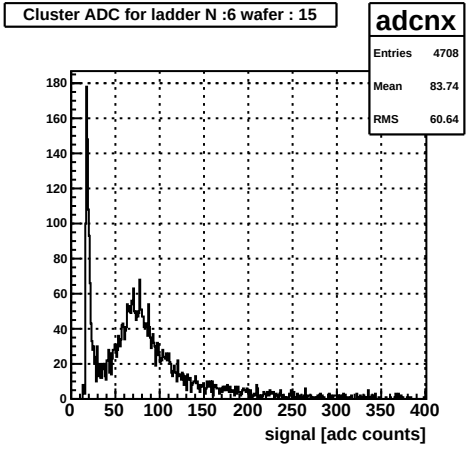

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 5113
Mean 78.07
RMS 60.11
signal [adc counts]

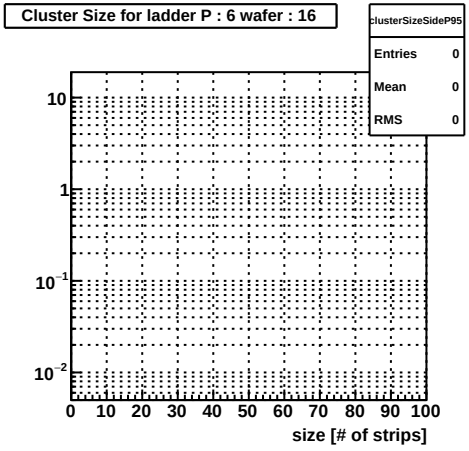

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

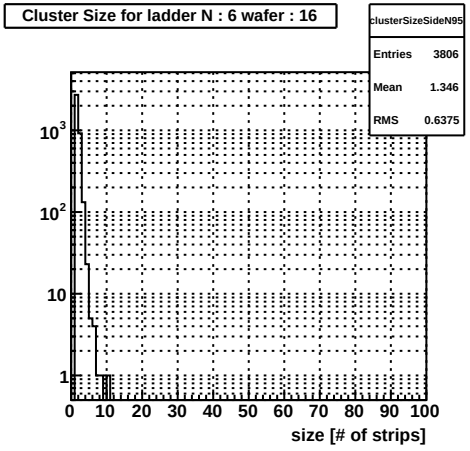

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4708
Mean 1.653
RMS 0.829
size [# of strips]

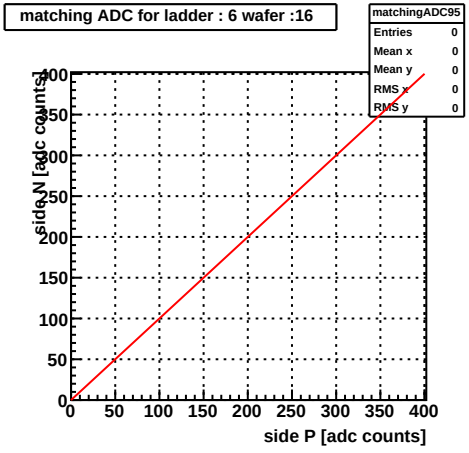

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

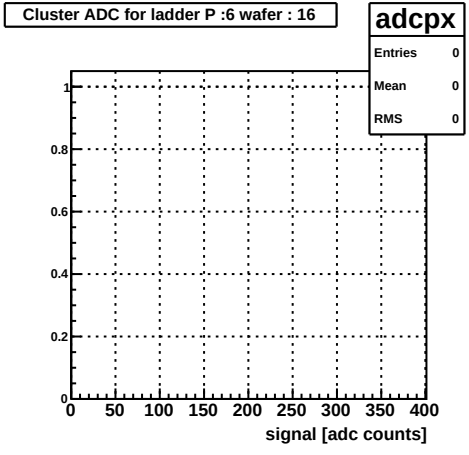

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

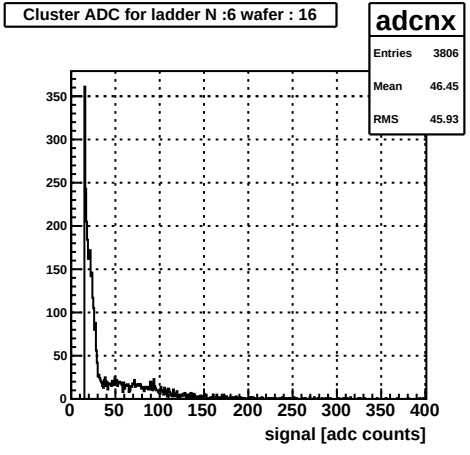

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4708
Mean 83.74
RMS 60.64
signal [adc counts]

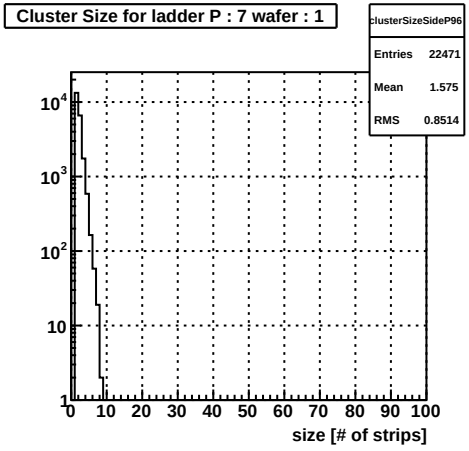

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

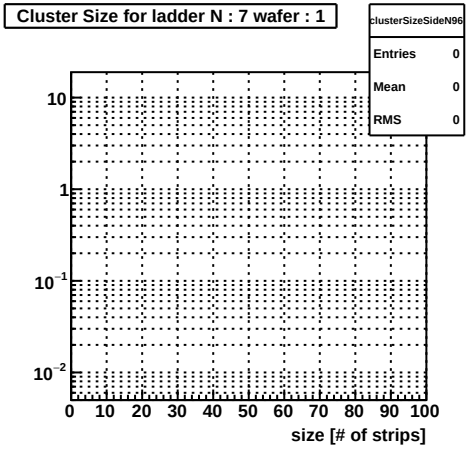

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3806
Mean 1.346
RMS 0.6375
size [# of strips]

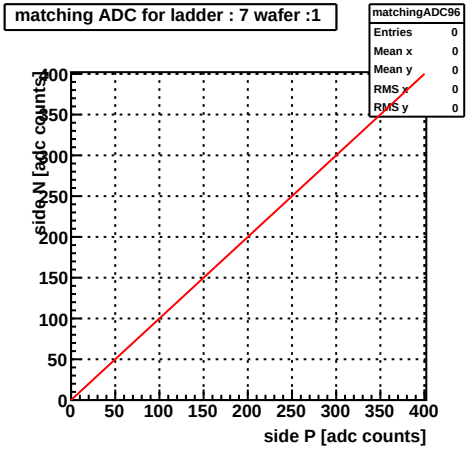

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

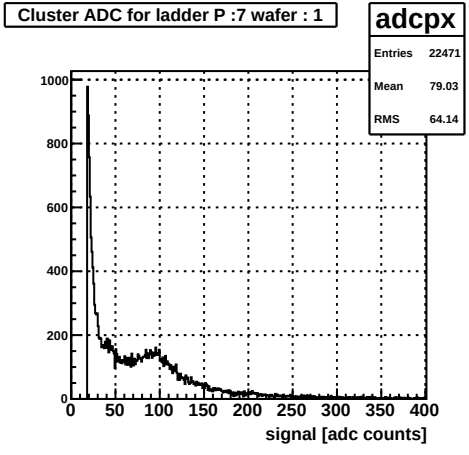

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

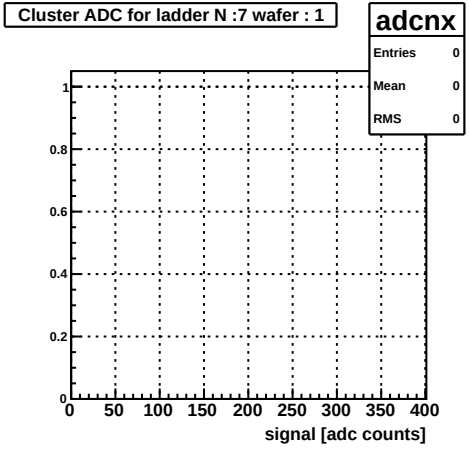

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3806
Mean 46.45
RMS 45.93
signal [adc counts]

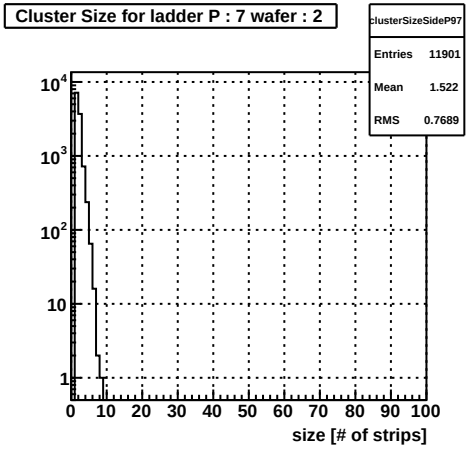

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 22471
Mean 1.575
RMS 0.8514
size [# of strips]

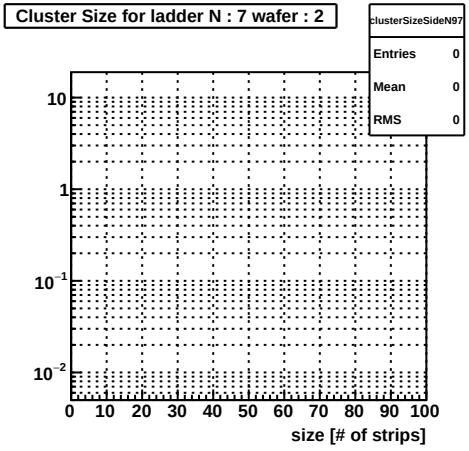

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

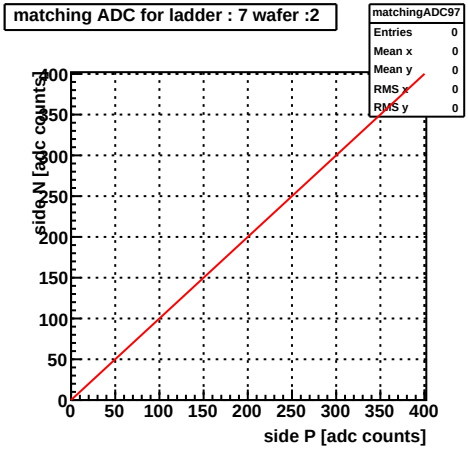

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

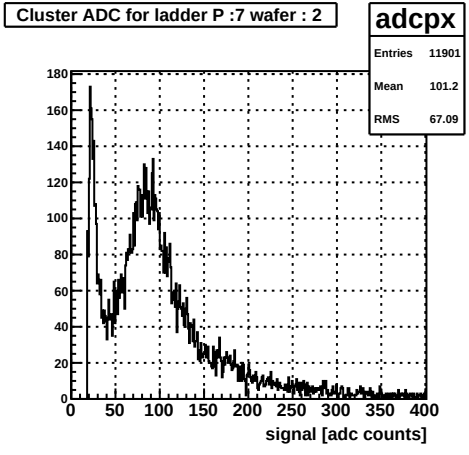

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 22471
Mean 79.03
RMS 64.14
signal [adc counts]

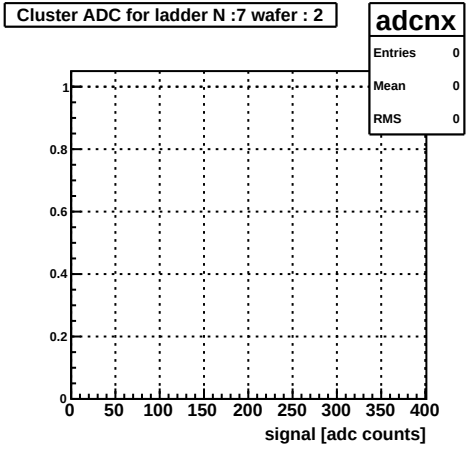

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

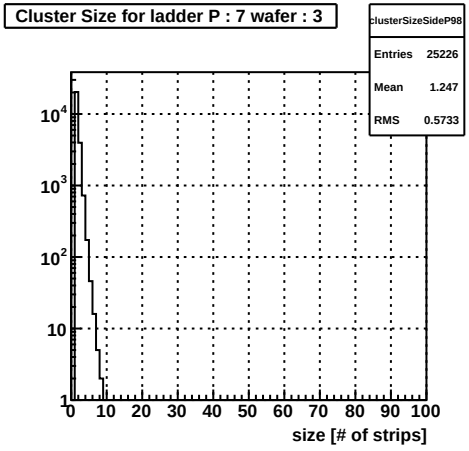

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 11901
Mean 1.522
RMS 0.7689
size [# of strips]

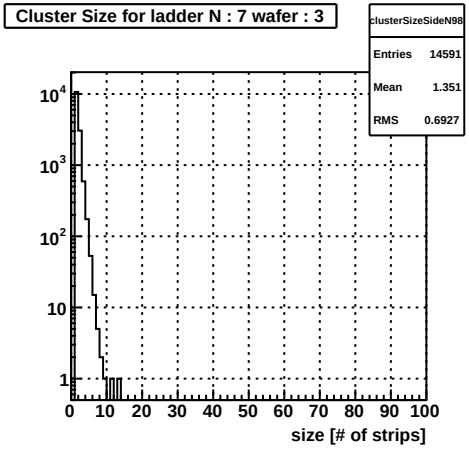

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

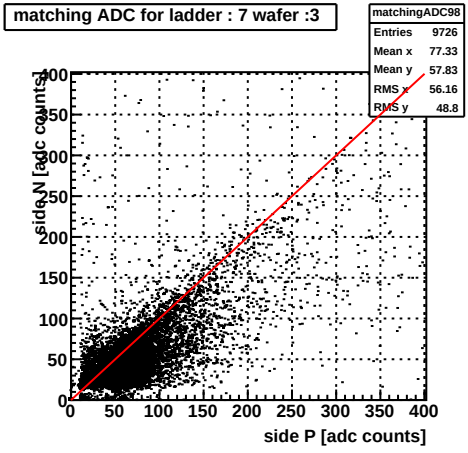

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

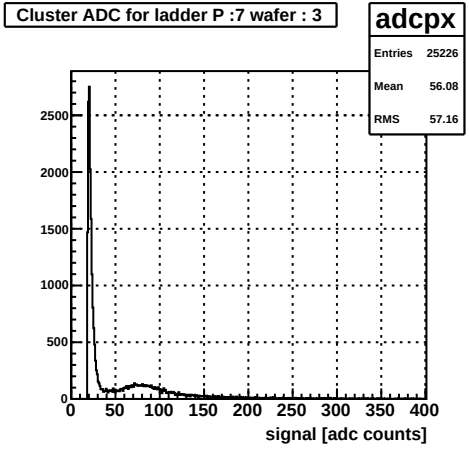

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 11901
Mean 101.2
RMS 67.09
signal [adc counts]

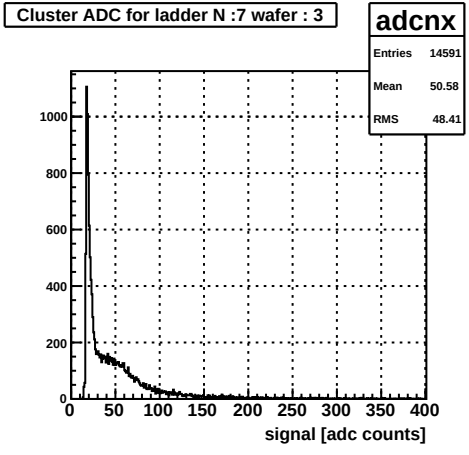

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

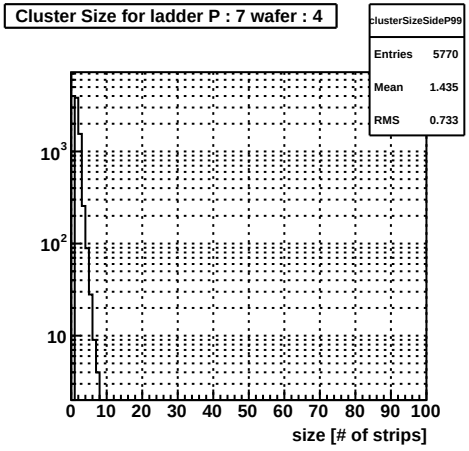

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 25226
Mean 1.247
RMS 0.5733
size [# of strips]

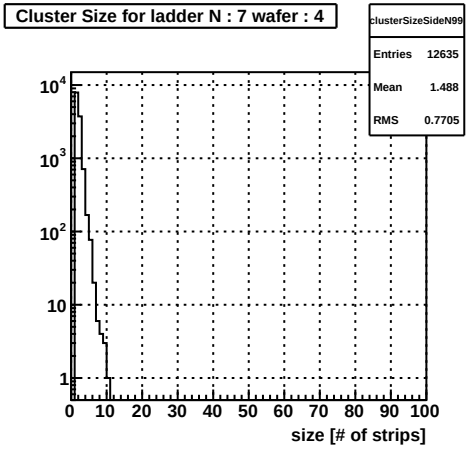

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 14591
Mean 1.351
RMS 0.6927
size [# of strips]

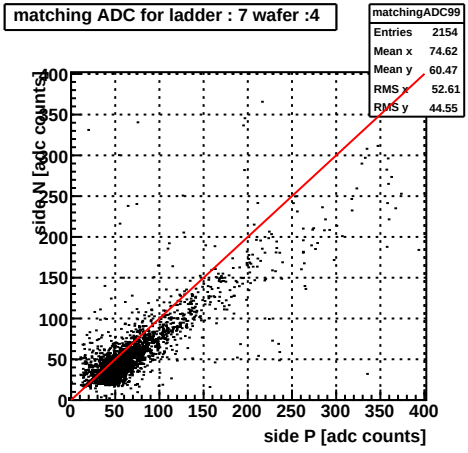

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 9726
Mean x 77.33
Mean y 57.83
RMS x 56.16
RMS y 48.8
side N [adc counts]
side P [adc counts]

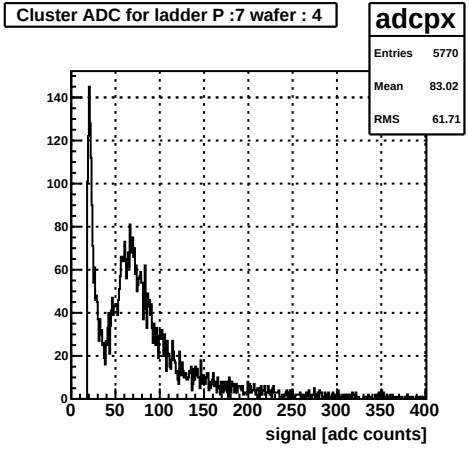

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 25226
Mean 56.08
RMS 57.16
signal [adc counts]

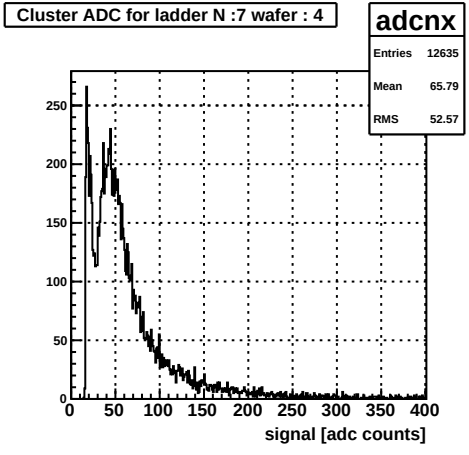

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 14591
Mean 50.58
RMS 48.41
signal [adc counts]

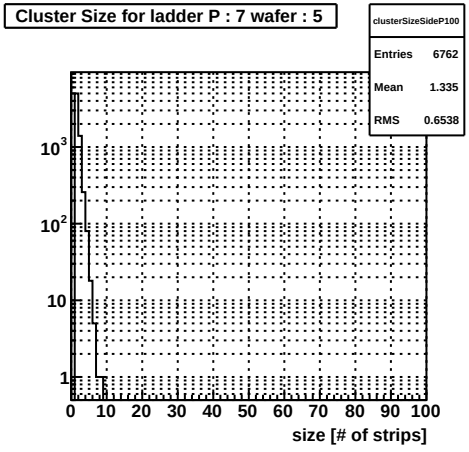

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 5770
Mean 1.435
RMS 0.733
size [# of strips]

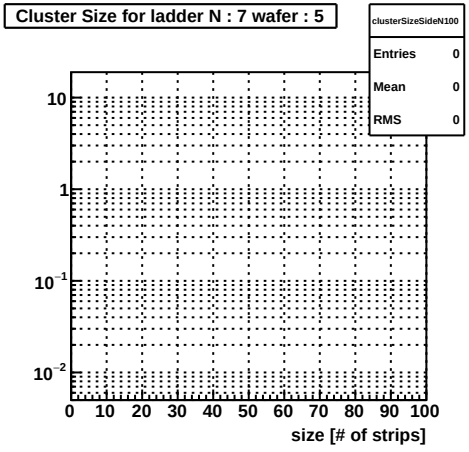

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 12635
Mean 1.488
RMS 0.7705
size [# of strips]

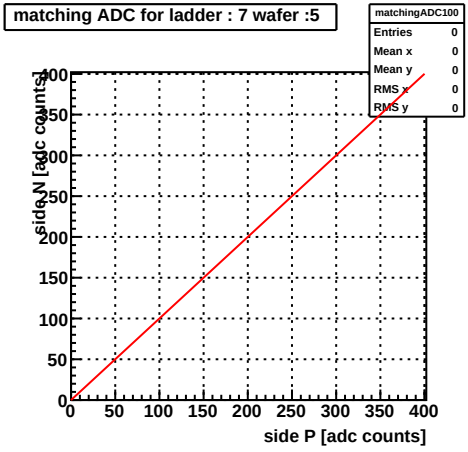

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 2154
Mean x 74.62
Mean y 60.47
RMS x 52.61
RMS y 44.55
side N [adc counts]
side P [adc counts]

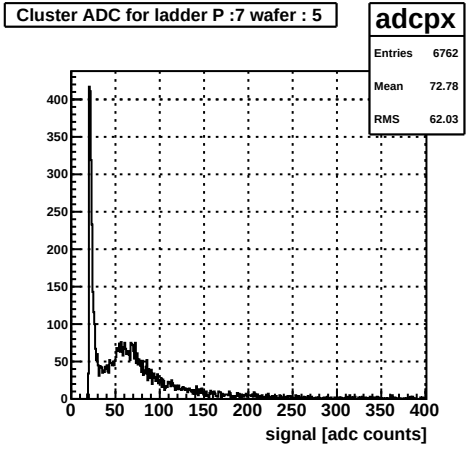

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 5770
Mean 83.02
RMS 61.71
signal [adc counts]

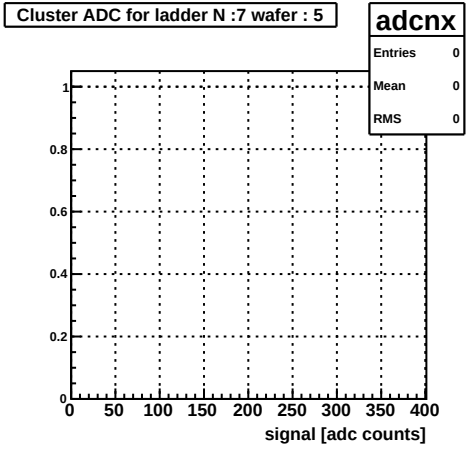

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 12635
Mean 65.79
RMS 52.57
signal [adc counts]

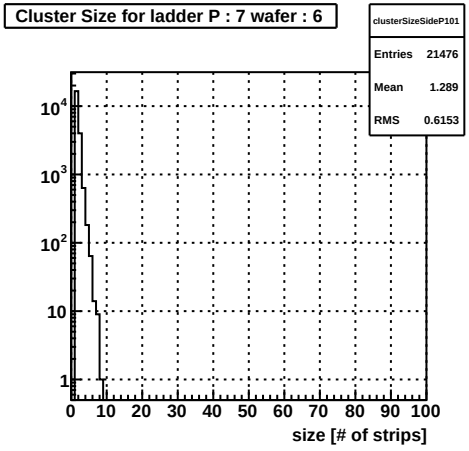

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 6762
Mean 1.335
RMS 0.6538
size [# of strips]

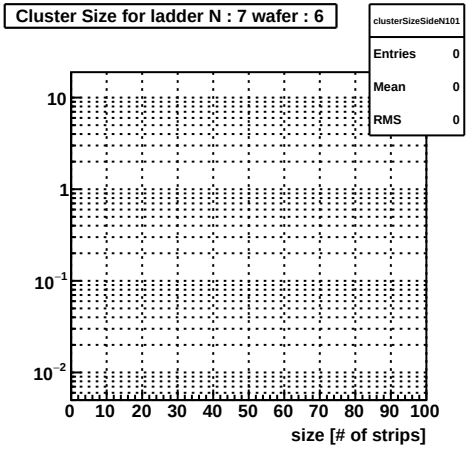

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

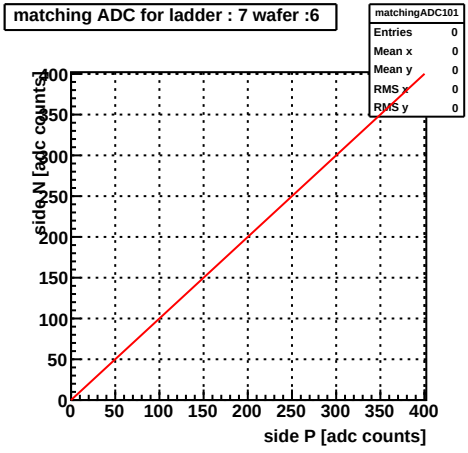

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

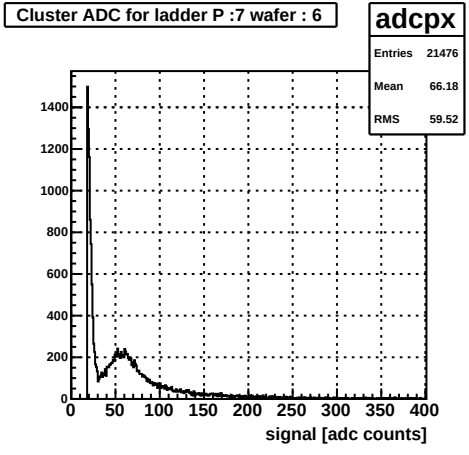

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 6762
Mean 72.78
RMS 62.03
signal [adc counts]

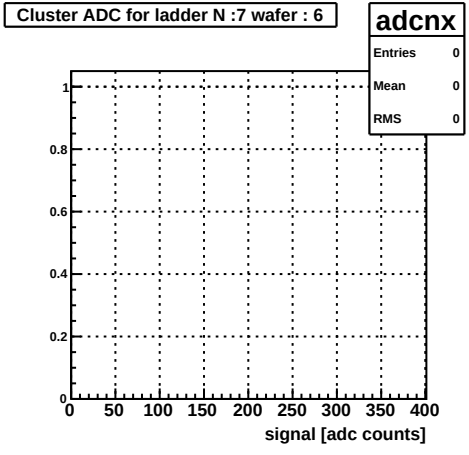

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

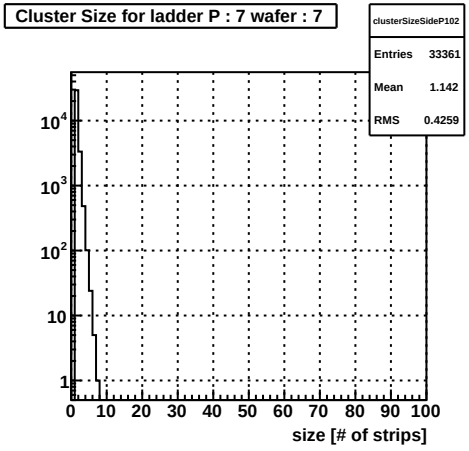

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 21476
Mean 1.289
RMS 0.6153
size [# of strips]

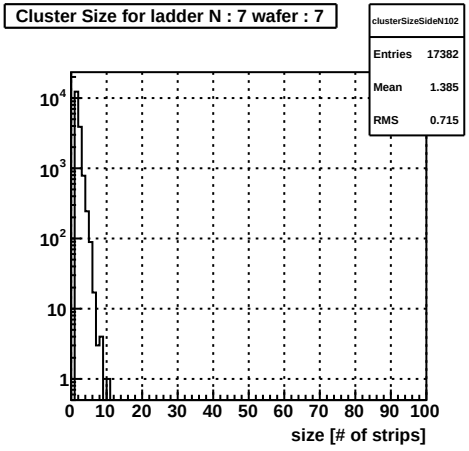

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

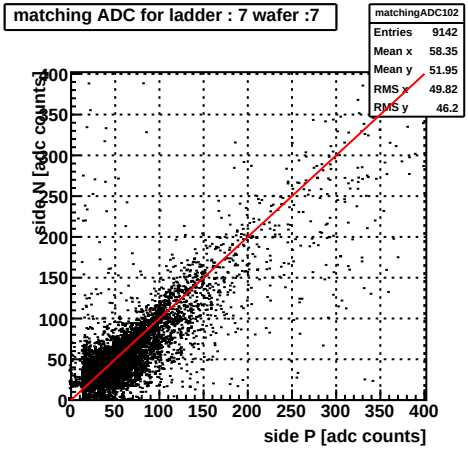

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

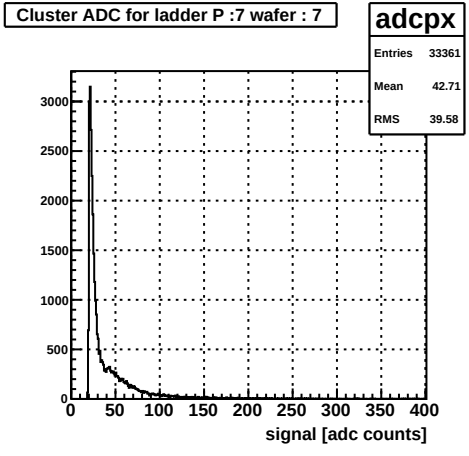

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 21476
Mean 66.18
RMS 59.52
signal [adc counts]

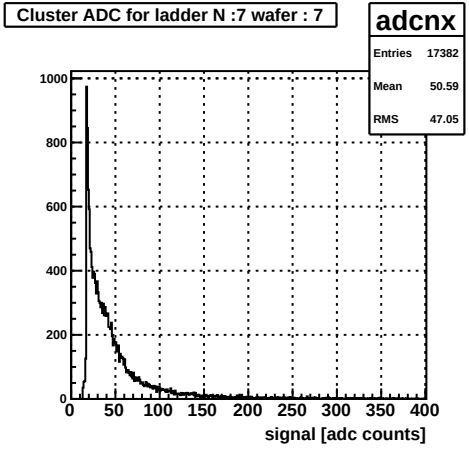

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

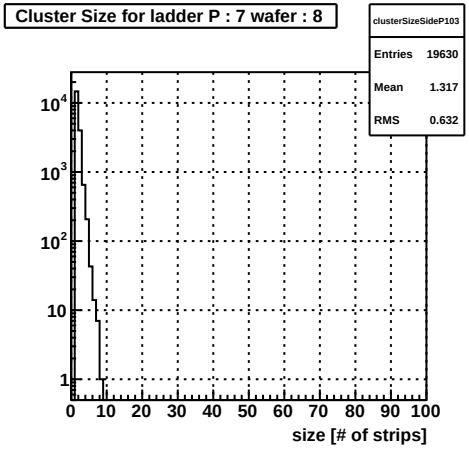

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 33361
Mean 1.142
RMS 0.4259
size [# of strips]

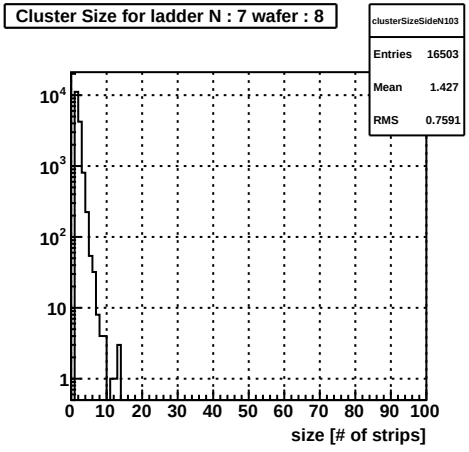

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 17382
Mean 1.385
RMS 0.715
size [# of strips]

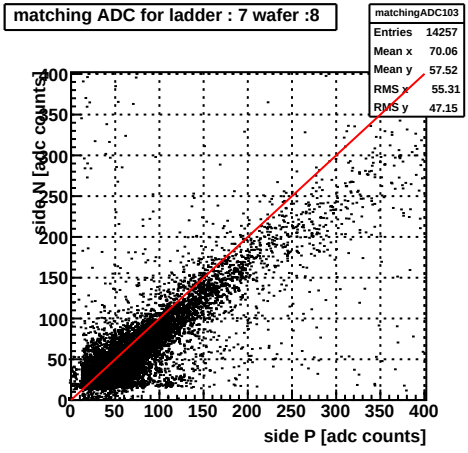

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 9142
Mean x 58.35
Mean y 51.95
RMS x 49.82
RMS y 46.2
side N [adc counts]
side P [adc counts]

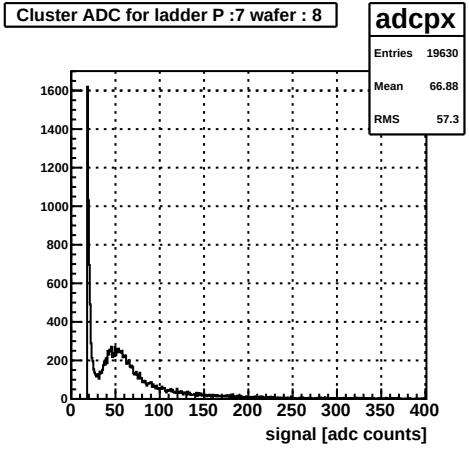

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 33361
Mean 42.71
RMS 39.58
signal [adc counts]

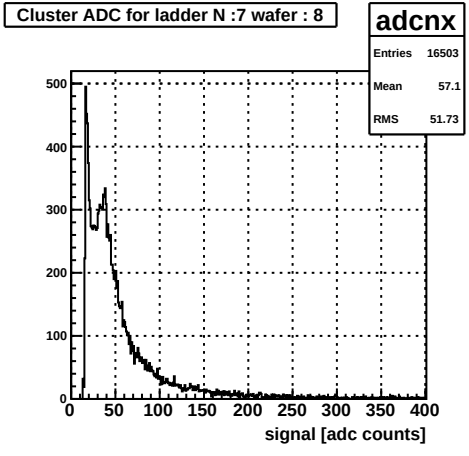

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 17382
Mean 50.59
RMS 47.05
signal [adc counts]

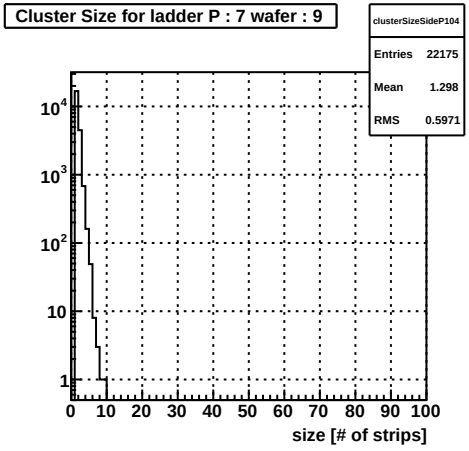

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 19630
Mean 1.317
RMS 0.632
size [# of strips]

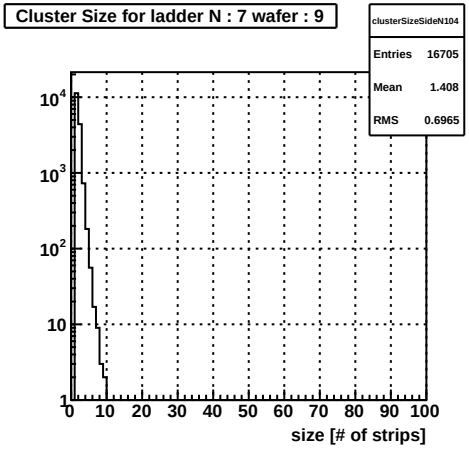

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 16503
Mean 1.427
RMS 0.7591
size [# of strips]

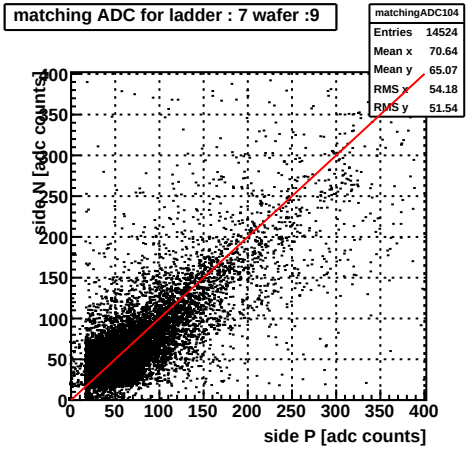

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 14257
Mean x 70.06
Mean y 57.52
RMS x 55.31
RMS y 47.15
side N [adc counts]
side P [adc counts]

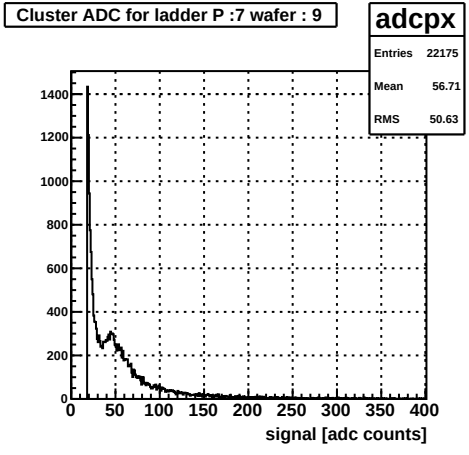

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 19630
Mean 66.88
RMS 57.3
signal [adc counts]

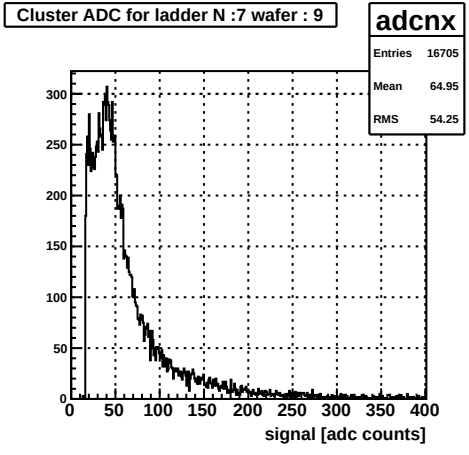

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 16503
Mean 57.1
RMS 51.73
signal [adc counts]

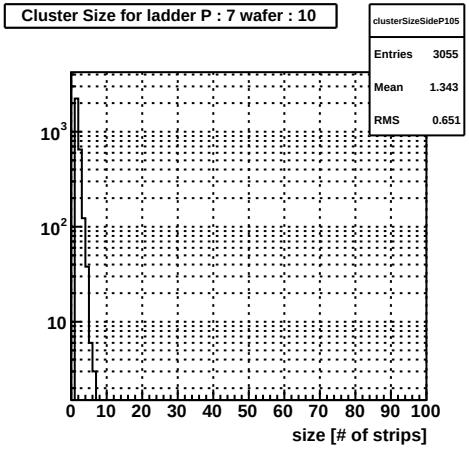

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 22175
Mean 1.298
RMS 0.5971
size [# of strips]

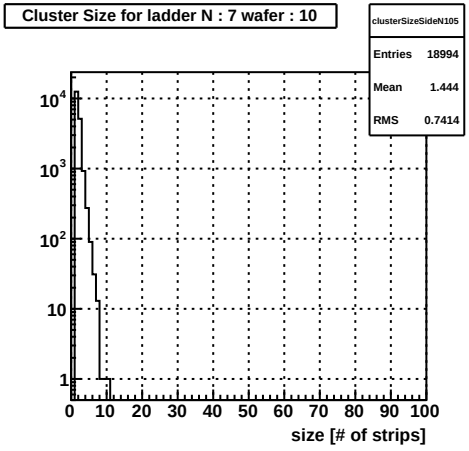

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 16705
Mean 1.408
RMS 0.6965
size [# of strips]

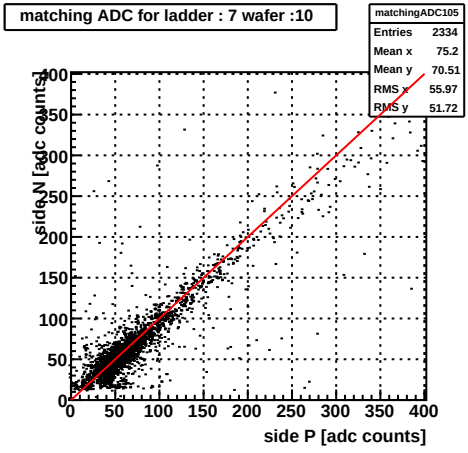

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 14524
Mean x 70.64
Mean y 65.07
RMS x 54.18
RMS y 51.54
side N [adc counts]
side P [adc counts]

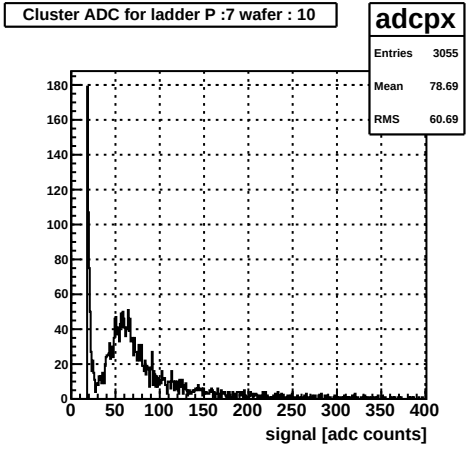

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 22175
Mean 56.71
RMS 50.63
signal [adc counts]

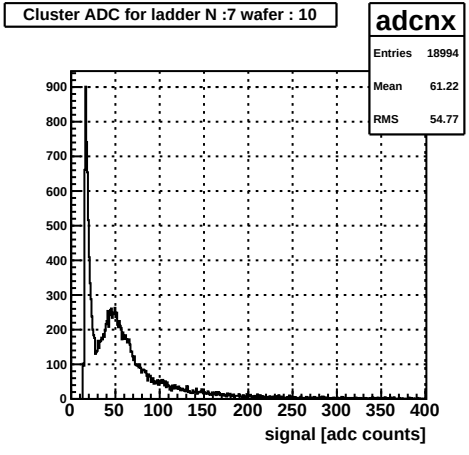

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 16705
Mean 64.95
RMS 54.25
signal [adc counts]

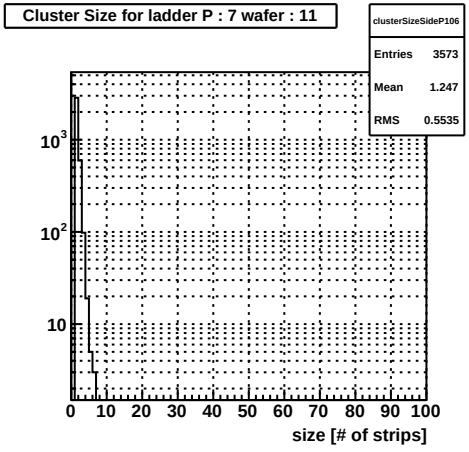

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 3055
Mean 1.343
RMS 0.651
size [# of strips]

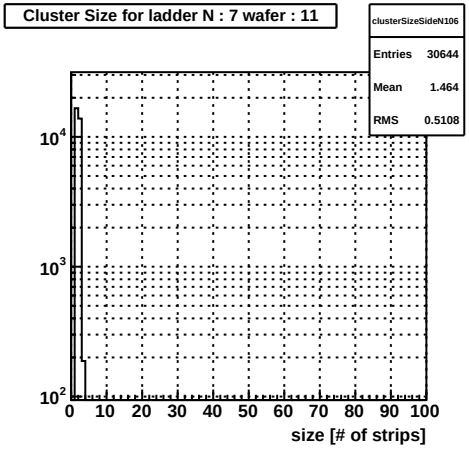

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 18994
Mean 1.444
RMS 0.7414
size [# of strips]

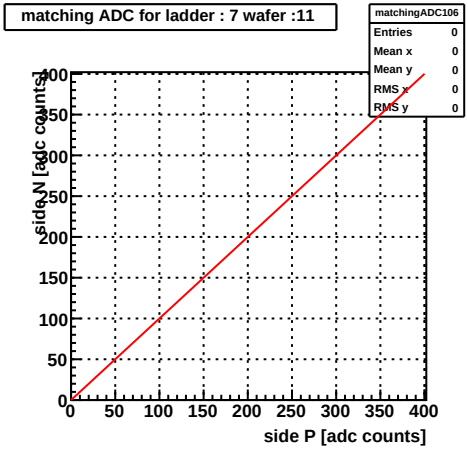

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 2334
Mean x 75.2
Mean y 70.51
RMS x 55.97
RMS y 51.72
side N [adc counts]
side P [adc counts]

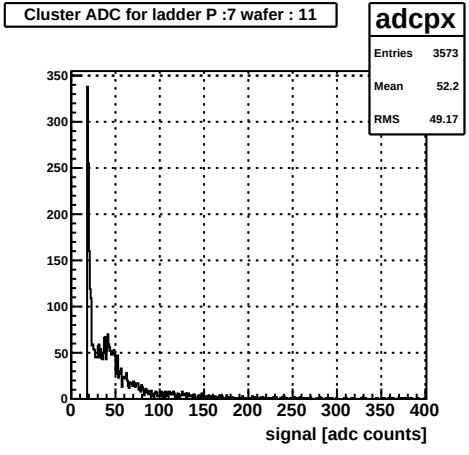

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 3055
Mean 78.69
RMS 60.69
signal [adc counts]

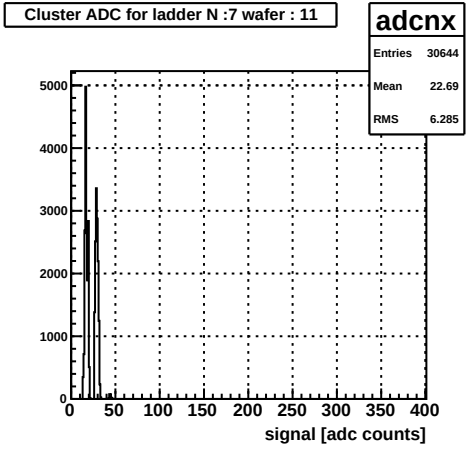

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 18994
Mean 61.22
RMS 54.77
signal [adc counts]

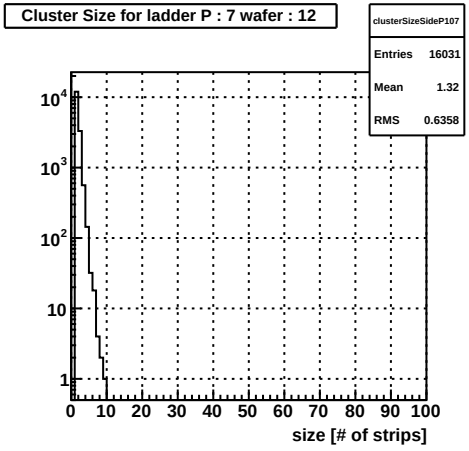

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3573
Mean 1.247
RMS 0.5535
size [# of strips]

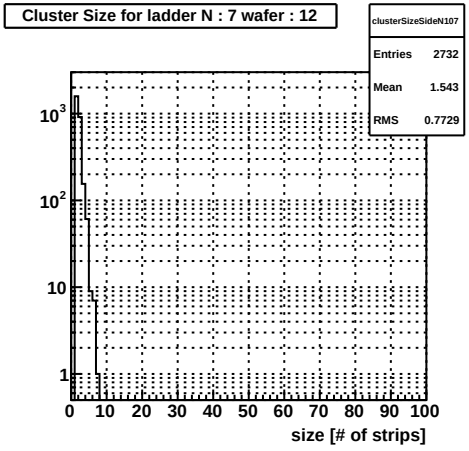

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 30644
Mean 1.464
RMS 0.5108
size [# of strips]

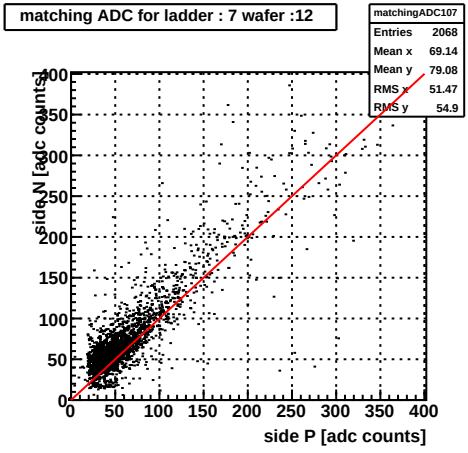

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

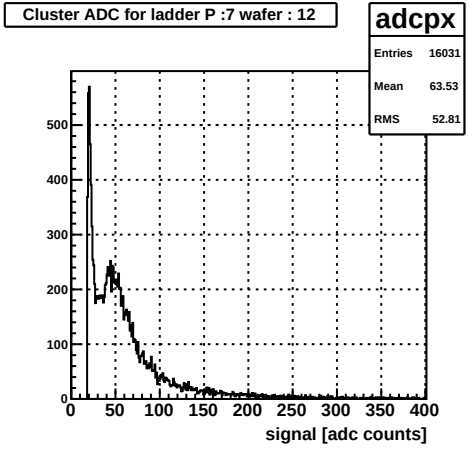

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3573
Mean 52.2
RMS 49.17
signal [adc counts]

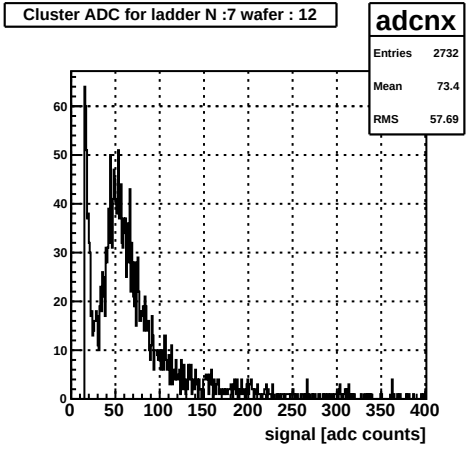

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 30644
Mean 22.69
RMS 6.285
signal [adc counts]

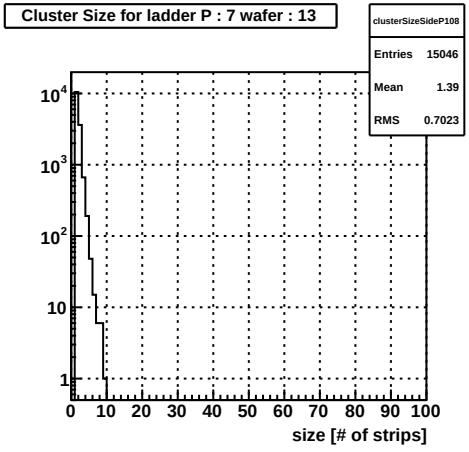

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 16031
Mean 1.32
RMS 0.6358
size [# of strips]

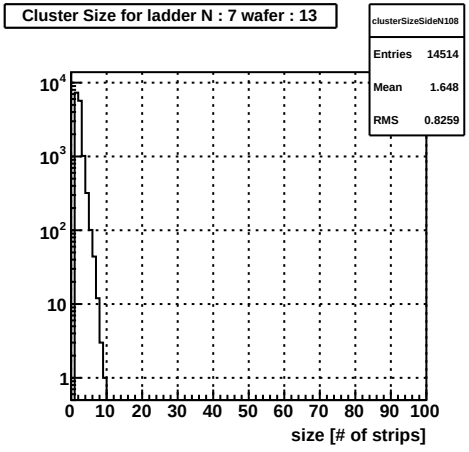

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2732
Mean 1.543
RMS 0.7729
size [# of strips]

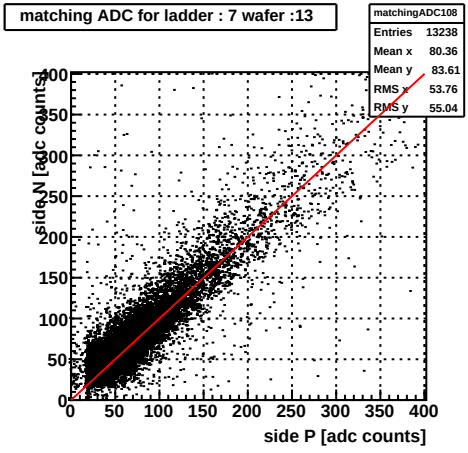

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 2068
Mean x 69.14
Mean y 79.08
RMS x 51.47
RMS y 54.9
side N [adc counts]
side P [adc counts]

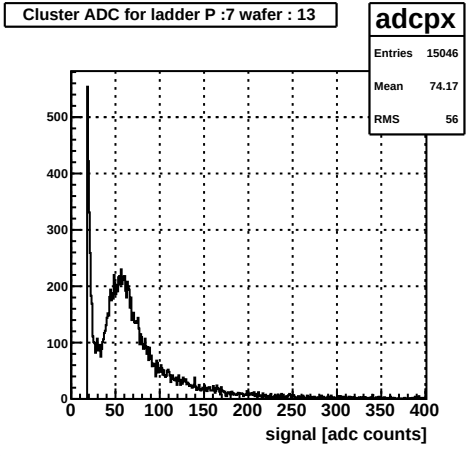

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 16031
Mean 63.53
RMS 52.81
signal [adc counts]

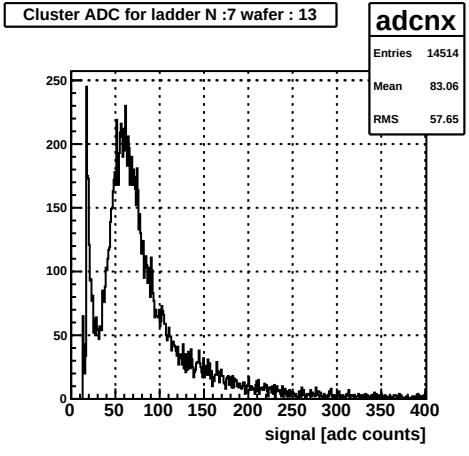

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2732
Mean 73.4
RMS 57.69
signal [adc counts]

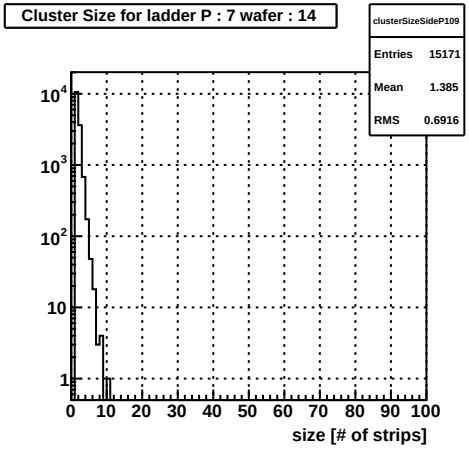

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 15046
Mean 1.39
RMS 0.7023
size [# of strips]

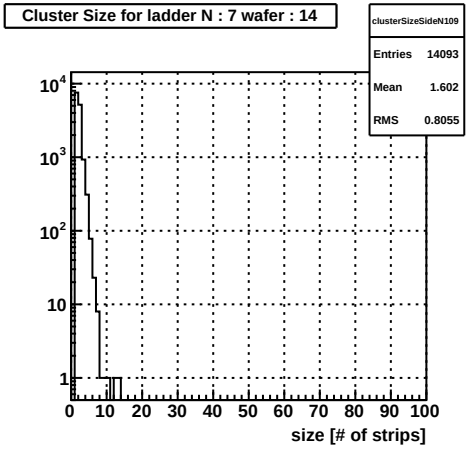

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 14514
Mean 1.648
RMS 0.8259
size [# of strips]

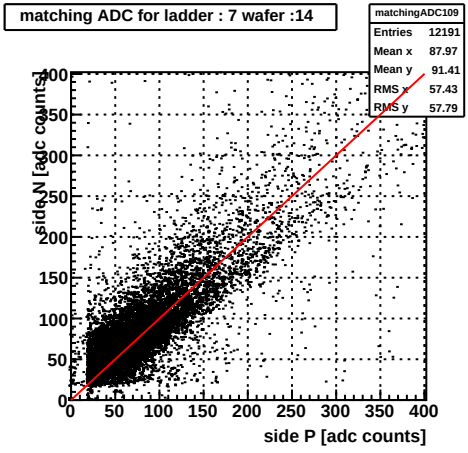

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 13238
Mean x 80.36
Mean y 83.61
RMS x 53.76
RMS y 55.04
side N [adc counts]
side P [adc counts]

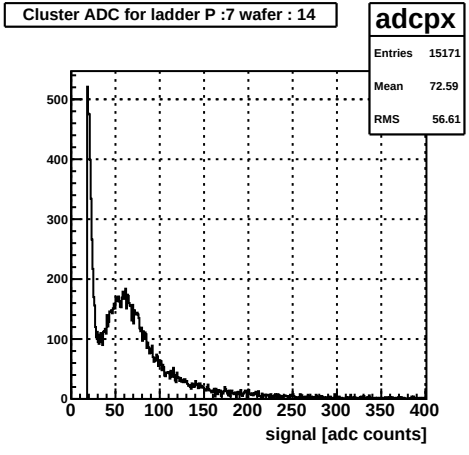

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 15046
Mean 74.17
RMS 56
signal [adc counts]

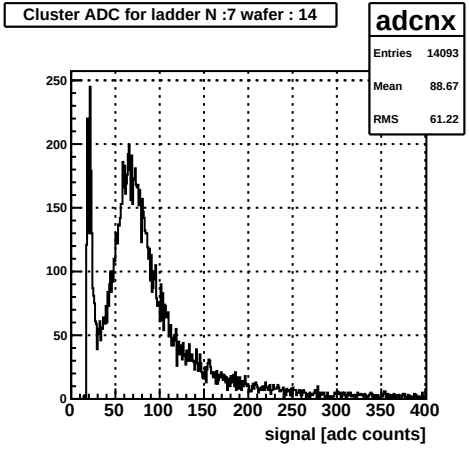

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 14514
Mean 83.06
RMS 57.65
signal [adc counts]

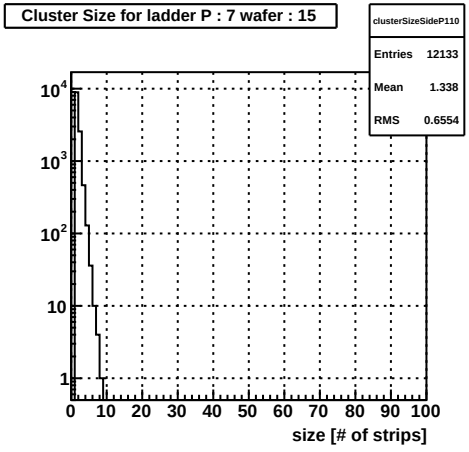

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 15171
Mean 1.385
RMS 0.6916
size [# of strips]

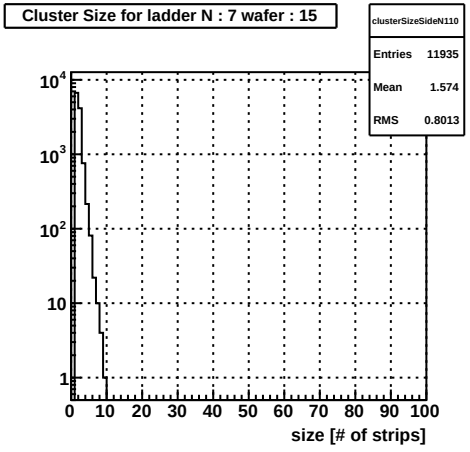

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 14093
Mean 1.602
RMS 0.8055
size [# of strips]

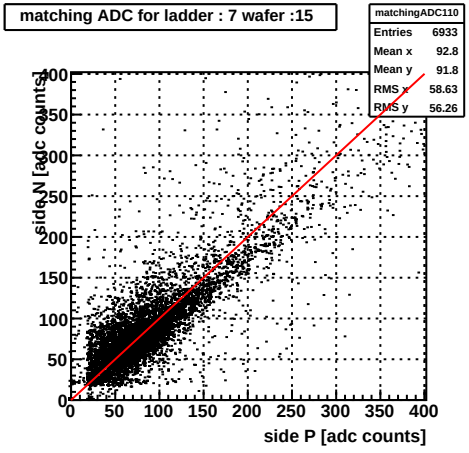

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 12191
Mean x 87.97
Mean y 91.41
RMS x 57.43
RMS y 57.79
side N [adc counts]
side P [adc counts]

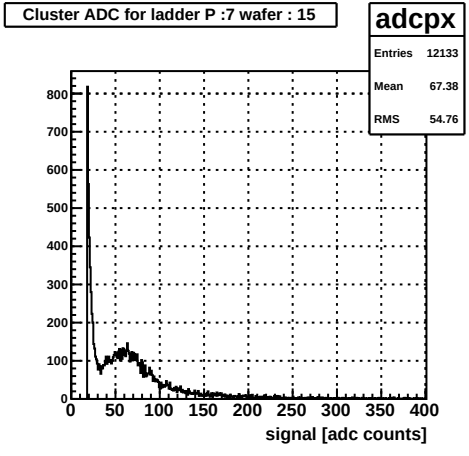

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 15171
Mean 72.59
RMS 56.61
signal [adc counts]

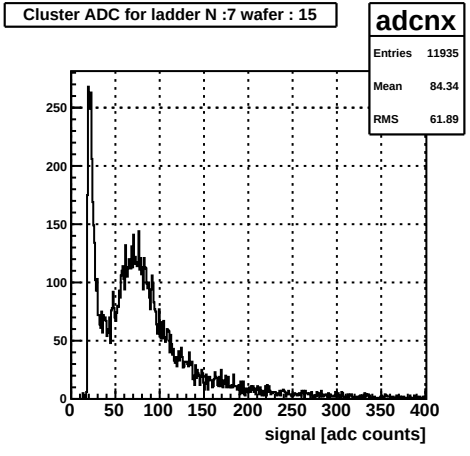

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 14093
Mean 88.67
RMS 61.22
signal [adc counts]

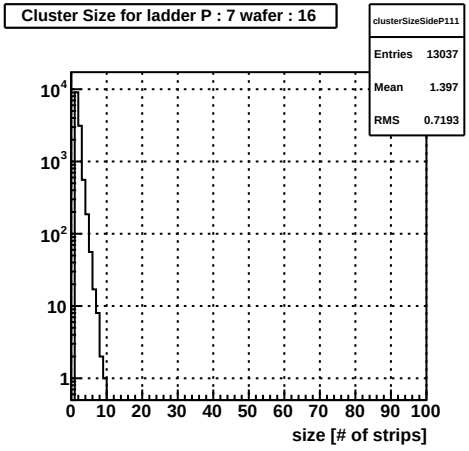

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 12133
Mean 1.338
RMS 0.6554
size [# of strips]

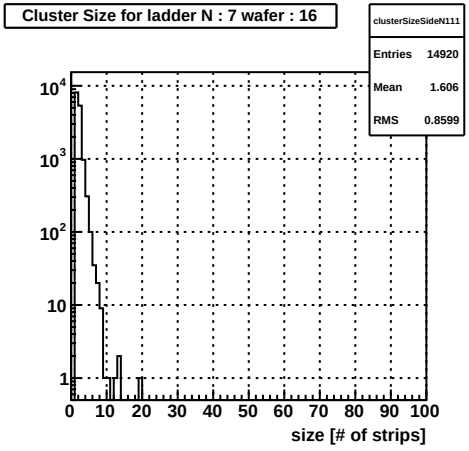

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 11935
Mean 1.574
RMS 0.8013
size [# of strips]

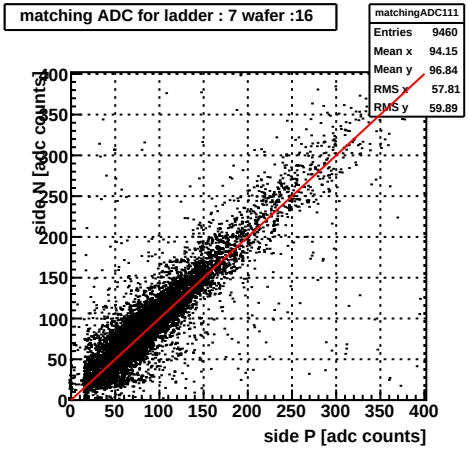

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 6933
Mean x 92.8
Mean y 91.8
RMS x 58.63
RMS y 56.26
side N [adc counts]
side P [adc counts]

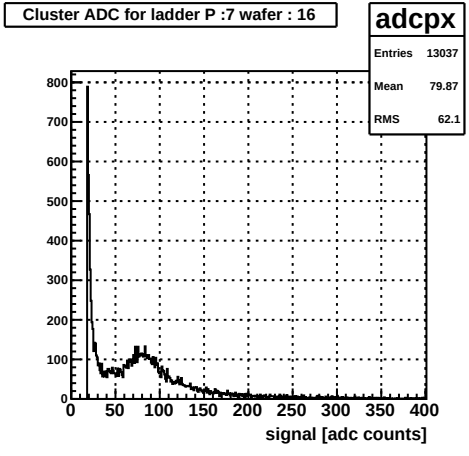

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 12133
Mean 67.38
RMS 54.76
signal [adc counts]

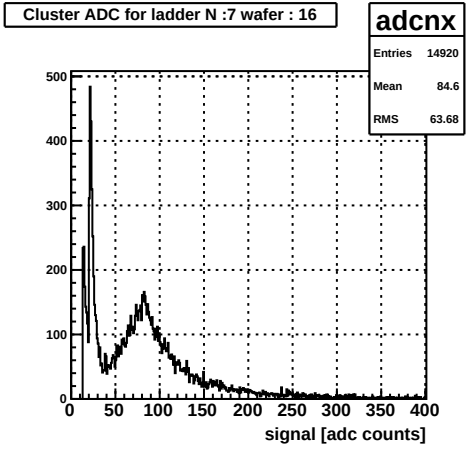

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 11935
Mean 84.34
RMS 61.89
signal [adc counts]

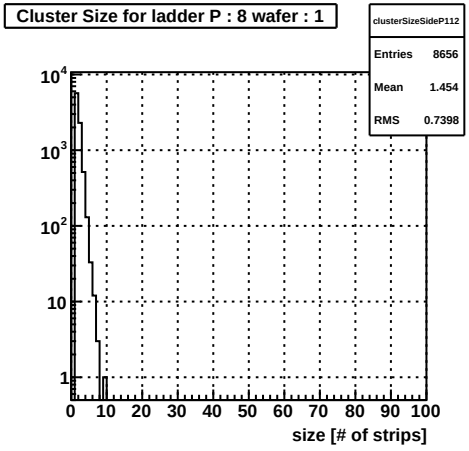

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 13037
Mean 1.397
RMS 0.7193
size [# of strips]

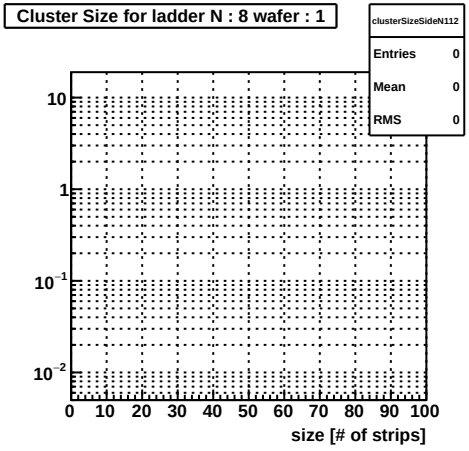

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 14920
Mean 1.606
RMS 0.8599
size [# of strips]

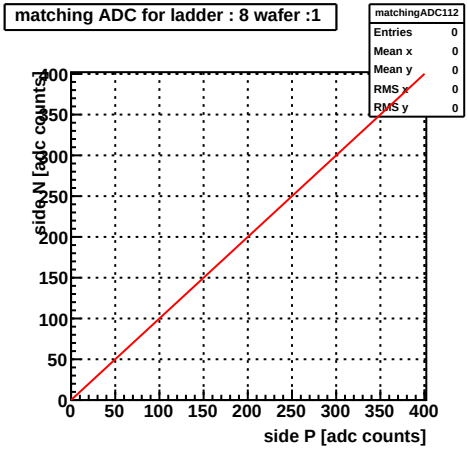

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 9460
Mean x 94.15
Mean y 96.84
RMS x 57.81
RMS y 59.89
side N [adc counts]
side P [adc counts]

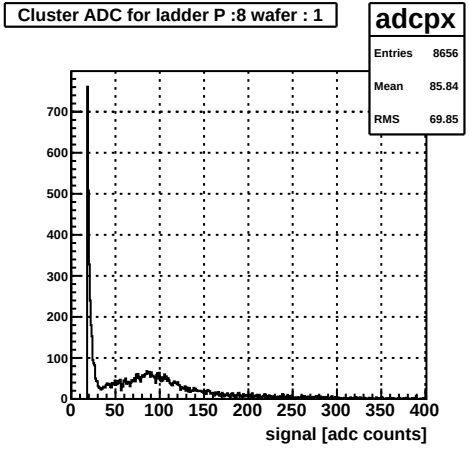

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 13037
Mean 79.87
RMS 62.1
signal [adc counts]

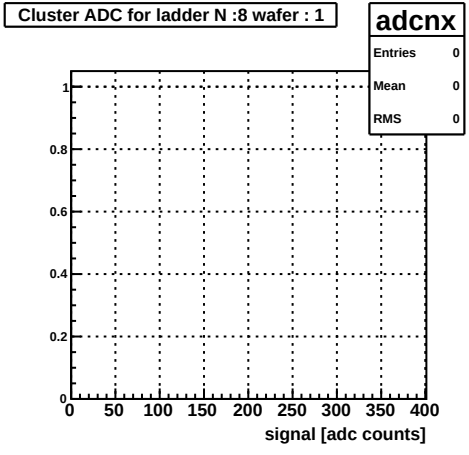

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 14920
Mean 84.6
RMS 63.68
signal [adc counts]

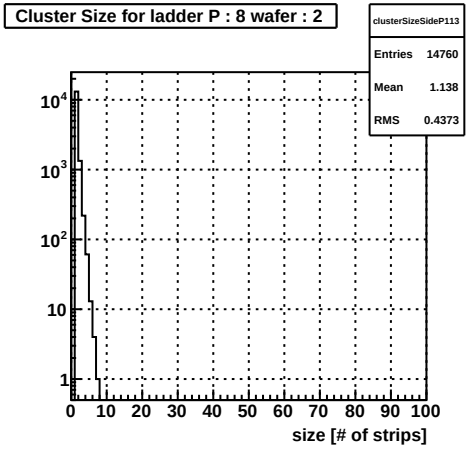

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 8656
Mean 1.454
RMS 0.7398
size [# of strips]

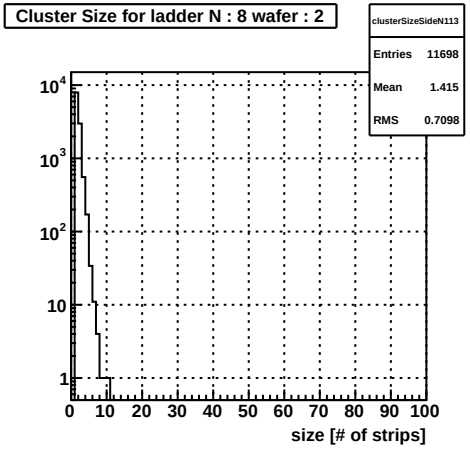

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

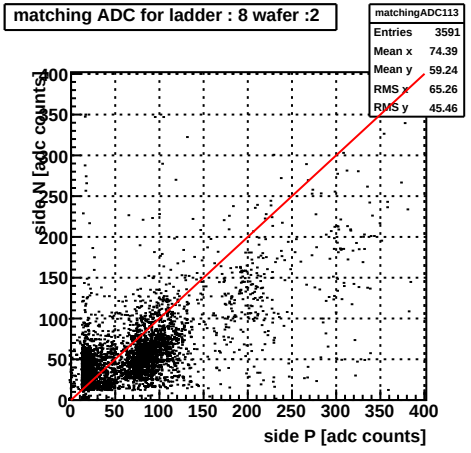

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

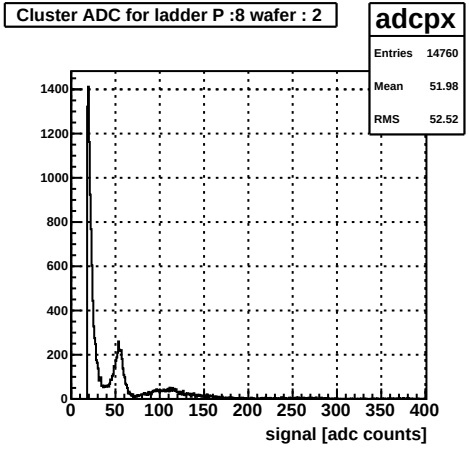

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 8656
Mean 85.84
RMS 69.85
signal [adc counts]

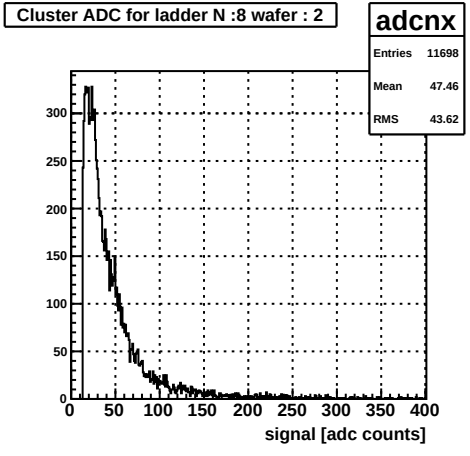

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

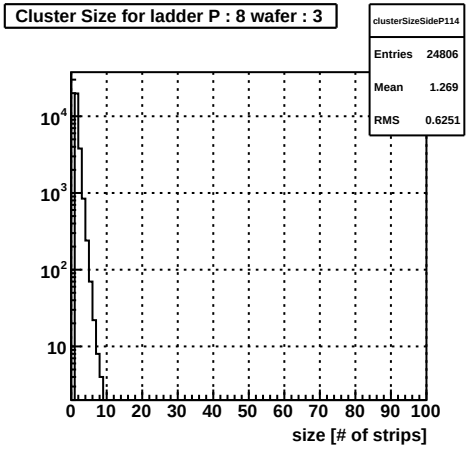

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 14760
Mean 1.138
RMS 0.4373
size [# of strips]

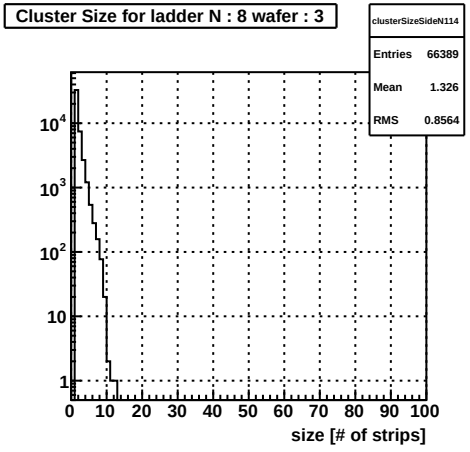

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 11698
Mean 1.415
RMS 0.7098
size [# of strips]

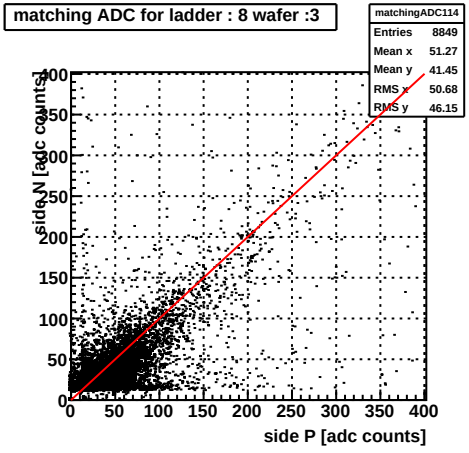

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3591
Mean x 74.39
Mean y 59.24
RMS x 65.26
RMS y 45.46
side N [adc counts]
side P [adc counts]

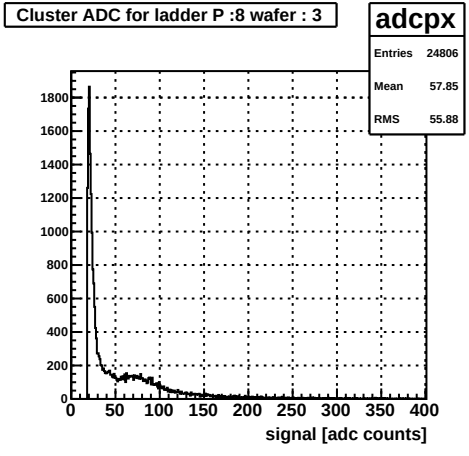

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 14760
Mean 51.98
RMS 52.52
signal [adc counts]

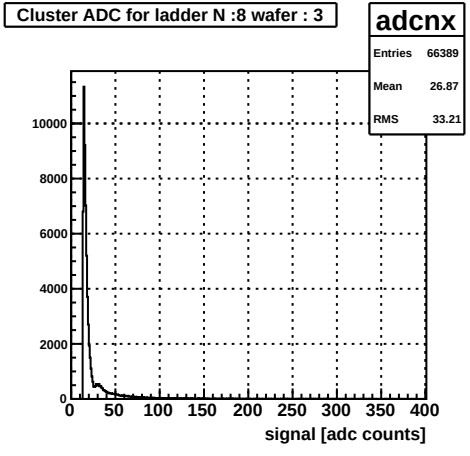

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 11698
Mean 47.46
RMS 43.62
signal [adc counts]

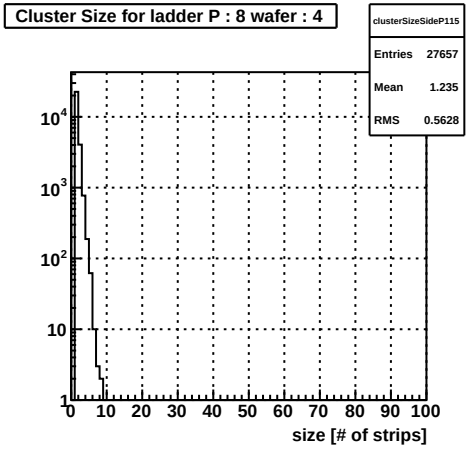

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 24806
Mean 1.269
RMS 0.6251
size [# of strips]

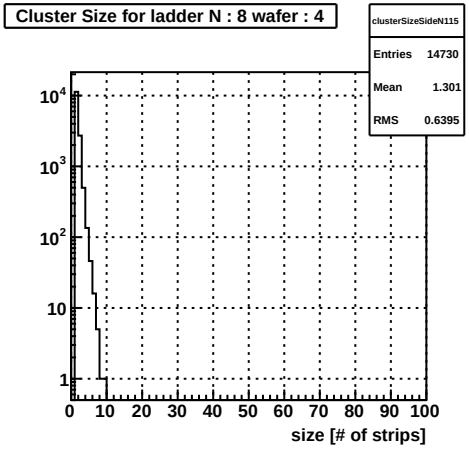

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 66389
Mean 1.326
RMS 0.8564
size [# of strips]

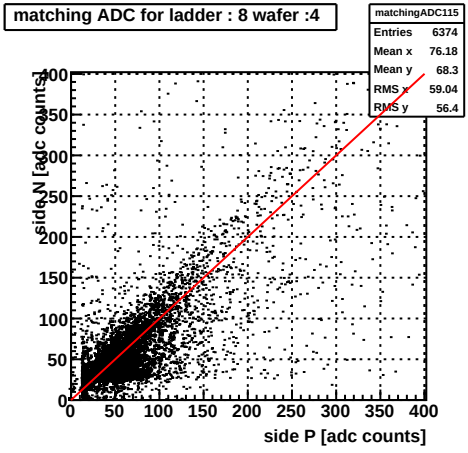

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 8849
Mean x 51.27
Mean y 41.45
RMS x 50.68
RMS y 46.15
side N [adc counts]
side P [adc counts]

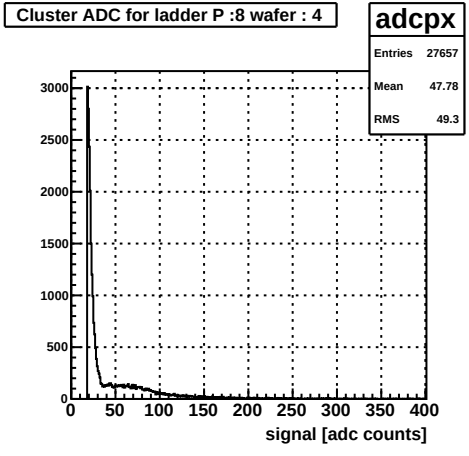

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 24806
Mean 57.85
RMS 55.88
signal [adc counts]

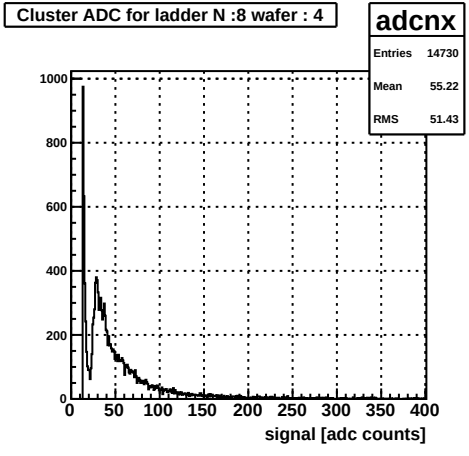

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 66389
Mean 26.87
RMS 33.21
signal [adc counts]

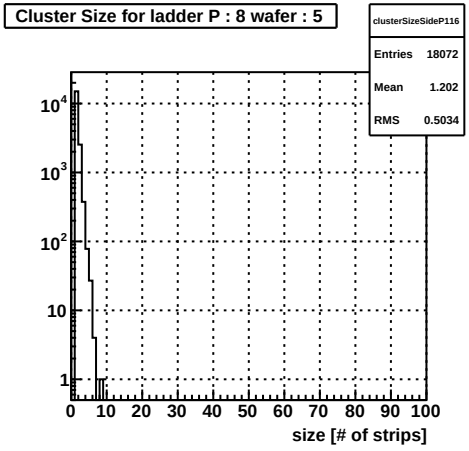

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 27657
Mean 1.235
RMS 0.5628
size [# of strips]

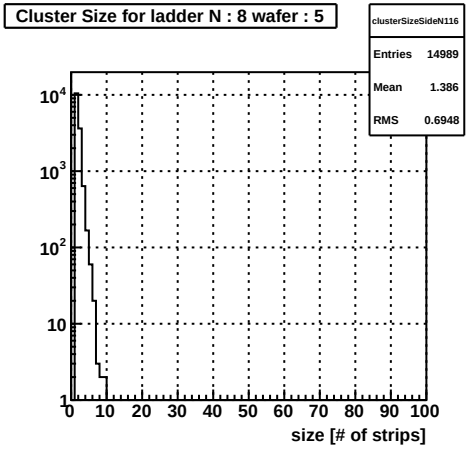

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 14730
Mean 1.301
RMS 0.6395
size [# of strips]

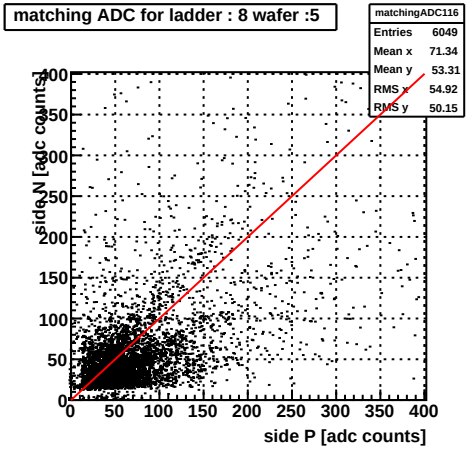

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 6374
Mean x 76.18
Mean y 68.3
RMS x 59.04
RMS y 56.4
side N [adc counts]
side P [adc counts]

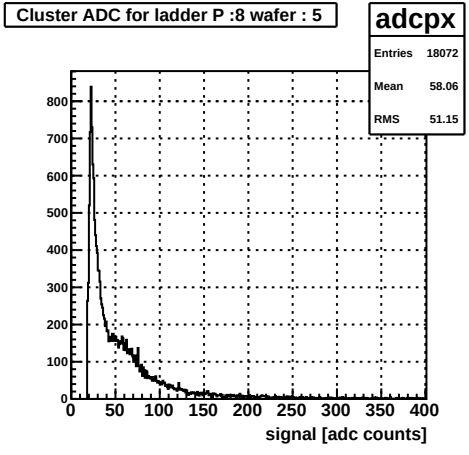

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 27657
Mean 47.78
RMS 49.3
signal [adc counts]

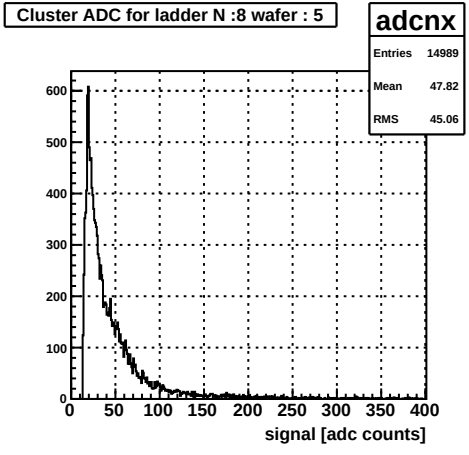

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 14730
Mean 55.22
RMS 51.43
signal [adc counts]

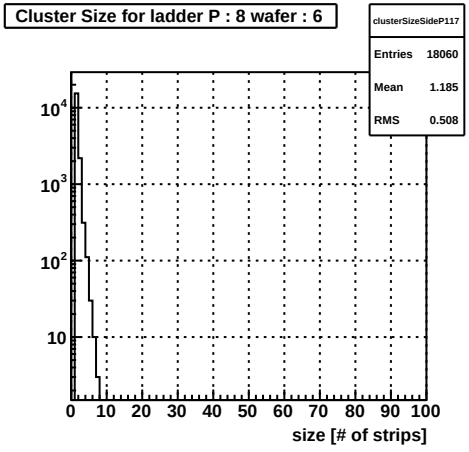

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 18072
Mean 1.202
RMS 0.5034
size [# of strips]

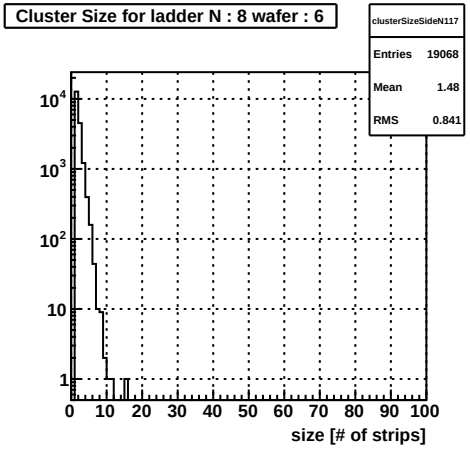

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 14989
Mean 1.386
RMS 0.6948
size [# of strips]

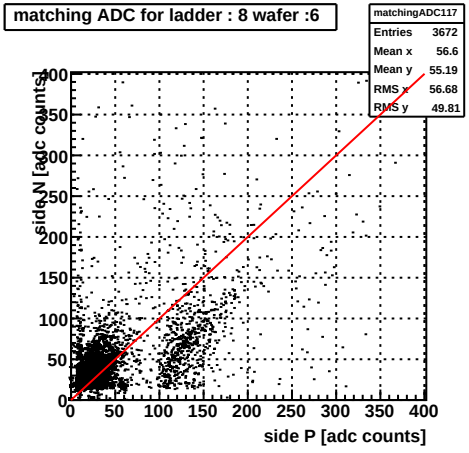

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 6049
Mean x 71.34
Mean y 53.31
RMS x 54.92
RMS y 50.15
side N [adc counts]
side P [adc counts]

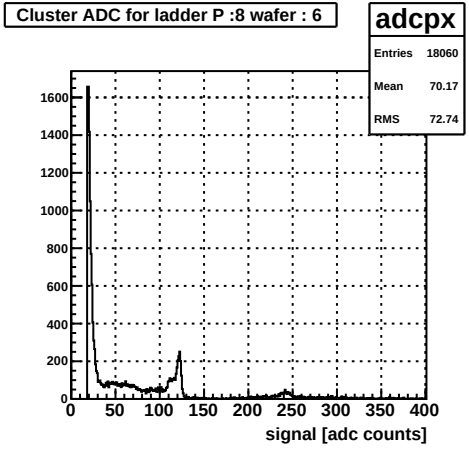

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 18072
Mean 58.06
RMS 51.15
signal [adc counts]

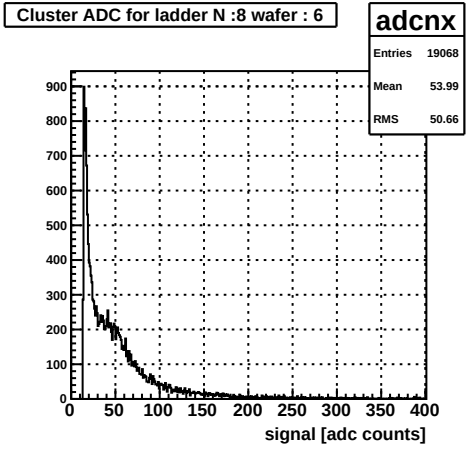

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 14989
Mean 47.82
RMS 45.06
signal [adc counts]

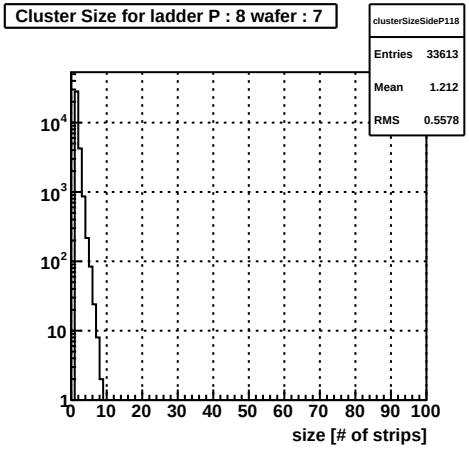

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 18060
Mean 1.185
RMS 0.508
size [# of strips]

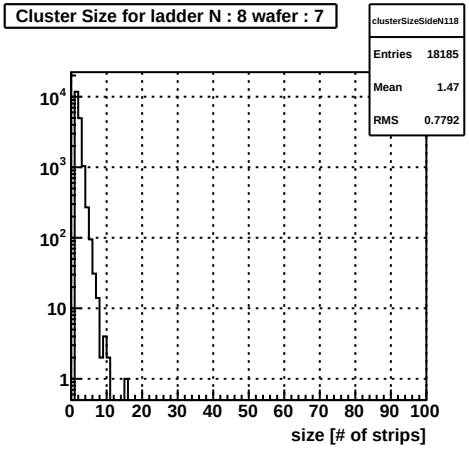

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 19068
Mean 1.48
RMS 0.841
size [# of strips]

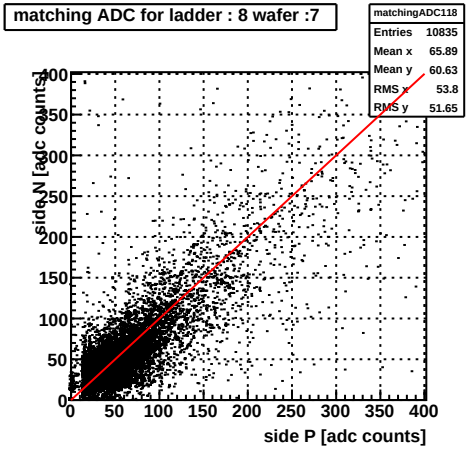

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 3672
Mean x 56.6
Mean y 55.19
RMS x 56.68
RMS y 49.81
side N [adc counts]
side P [adc counts]

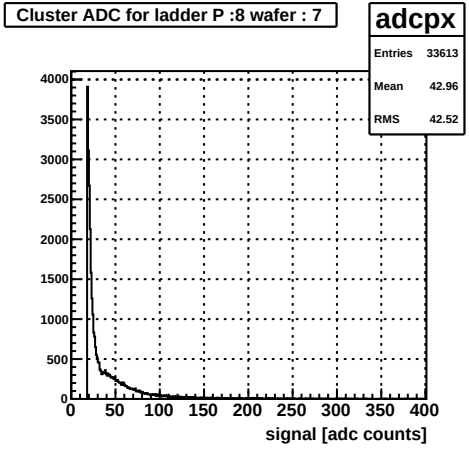

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 18060
Mean 70.17
RMS 72.74
signal [adc counts]

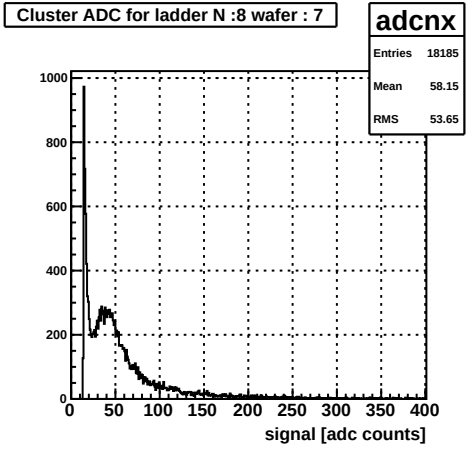

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 19068
Mean 53.99
RMS 50.66
signal [adc counts]

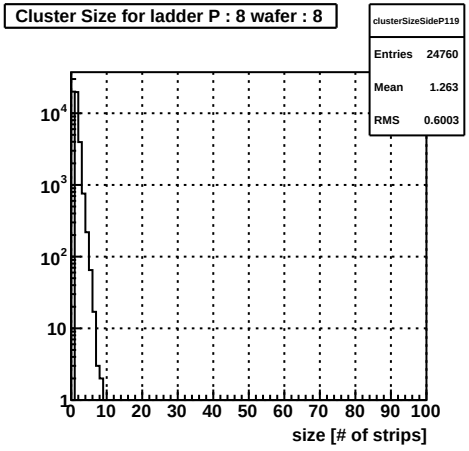

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 33613
Mean 1.212
RMS 0.5578
size [# of strips]

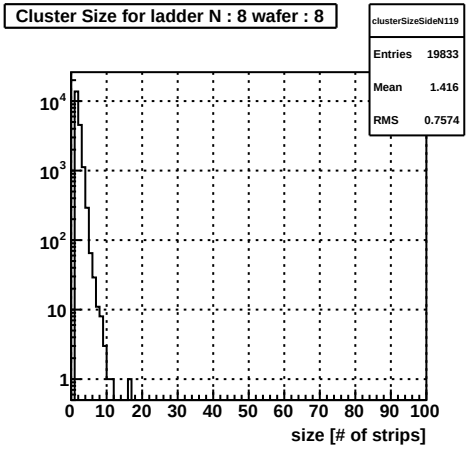

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 18185
Mean 1.47
RMS 0.7792
size [# of strips]

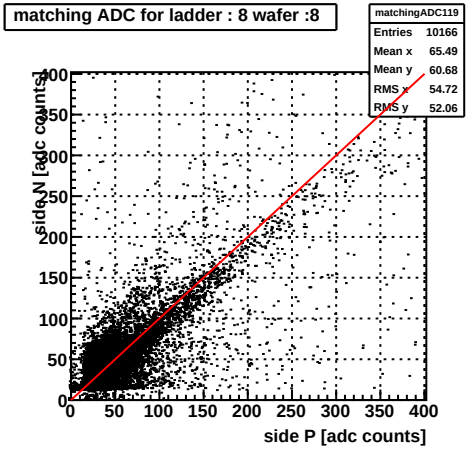

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 10835
Mean x 65.89
Mean y 60.63
RMS x 53.8
RMS y 51.65
side N [adc counts]
side P [adc counts]

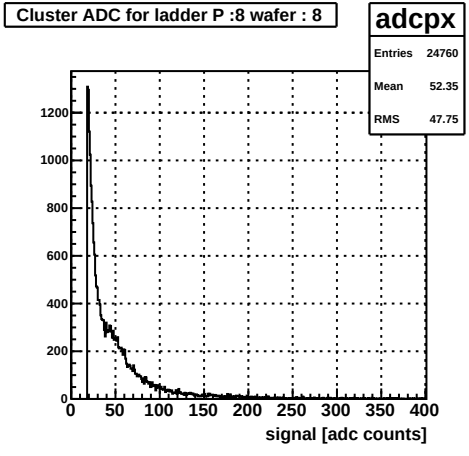

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 33613
Mean 42.96
RMS 42.52
signal [adc counts]

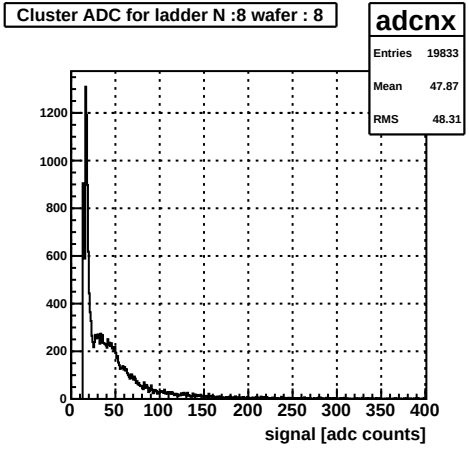

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 18185
Mean 58.15
RMS 53.65
signal [adc counts]

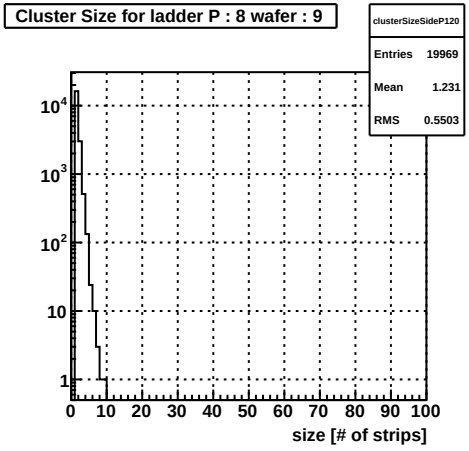

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 24760
Mean 1.263
RMS 0.6003
size [# of strips]

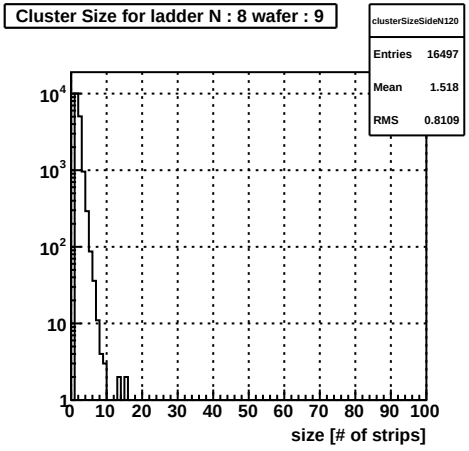

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 19833
Mean 1.416
RMS 0.7574
size [# of strips]

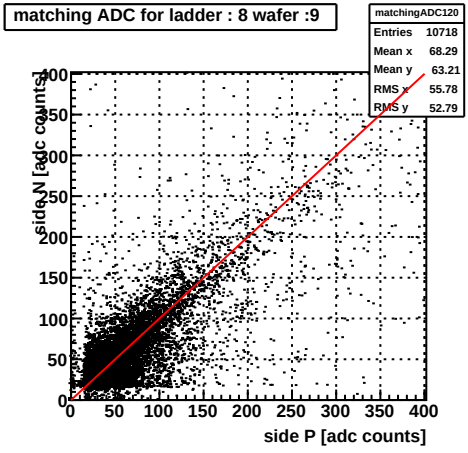

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 10166
Mean x 65.49
Mean y 60.68
RMS x 54.72
RMS y 52.06
side N [adc counts]
side P [adc counts]

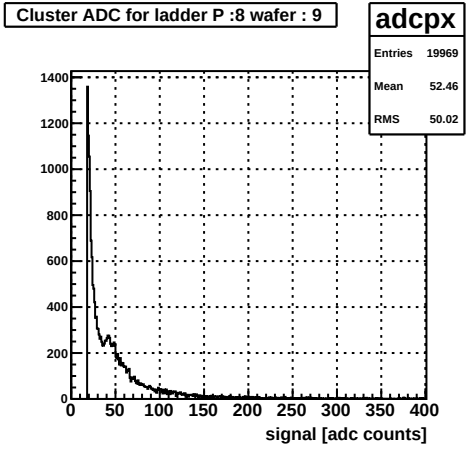

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 24760
Mean 52.35
RMS 47.75
signal [adc counts]

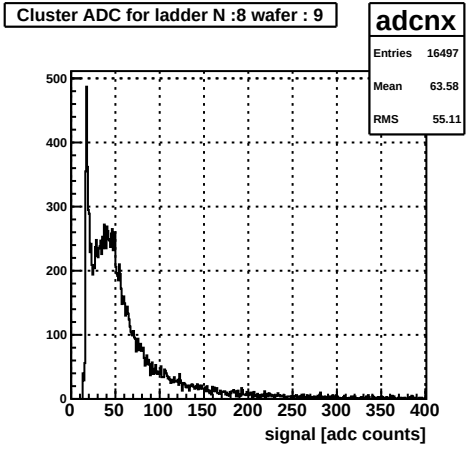

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 19833
Mean 47.87
RMS 48.31
signal [adc counts]

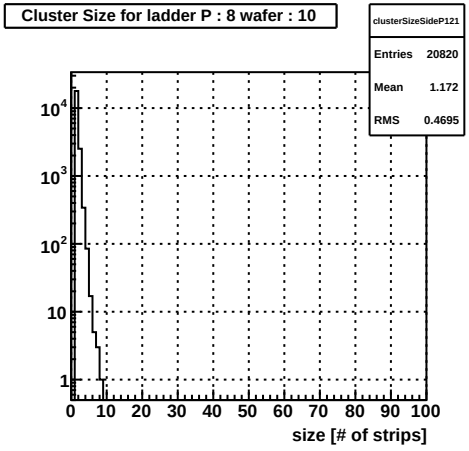

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 19969
Mean 1.231
RMS 0.5503
size [# of strips]

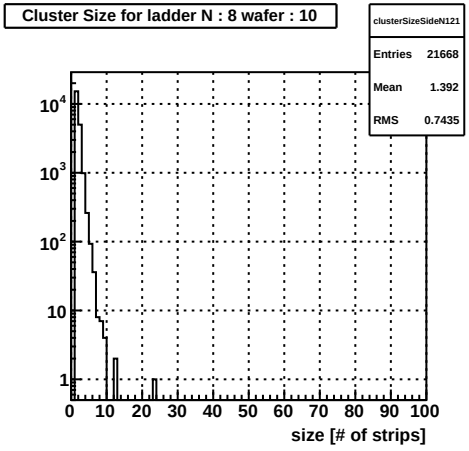

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 16497
Mean 1.518
RMS 0.8109
size [# of strips]

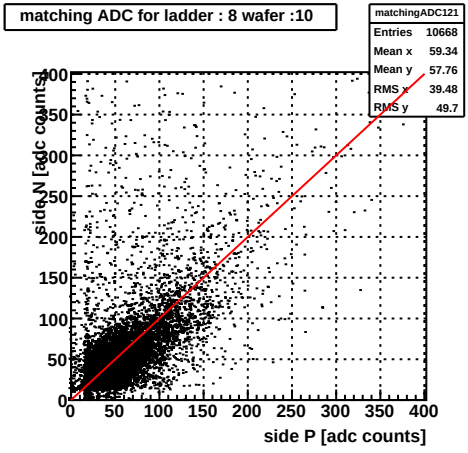

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 10718
Mean x 68.29
Mean y 63.21
RMS x 55.78
RMS y 52.79
side N [adc counts]
side P [adc counts]

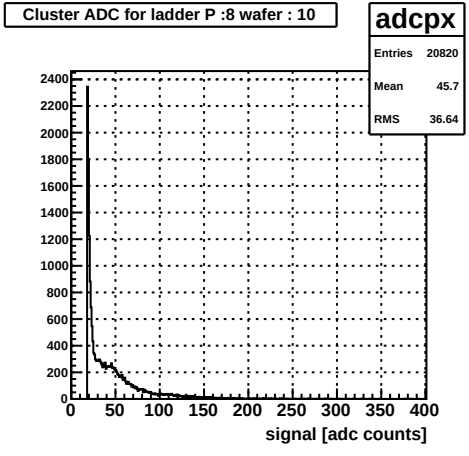

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 19969
Mean 52.46
RMS 50.02
signal [adc counts]

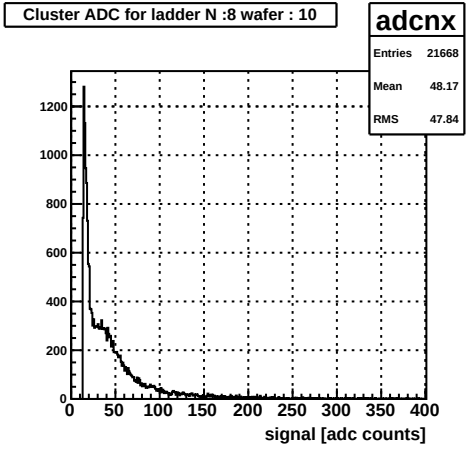

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 16497
Mean 63.58
RMS 55.11
signal [adc counts]

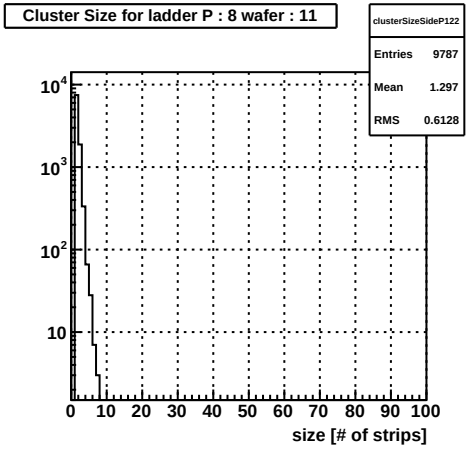

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 20820
Mean 1.172
RMS 0.4695
size [# of strips]

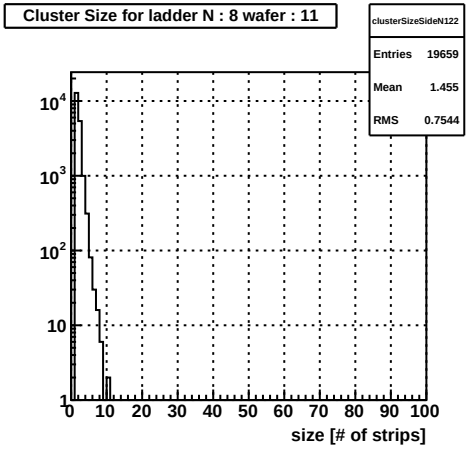

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 21668
Mean 1.392
RMS 0.7435
size [# of strips]

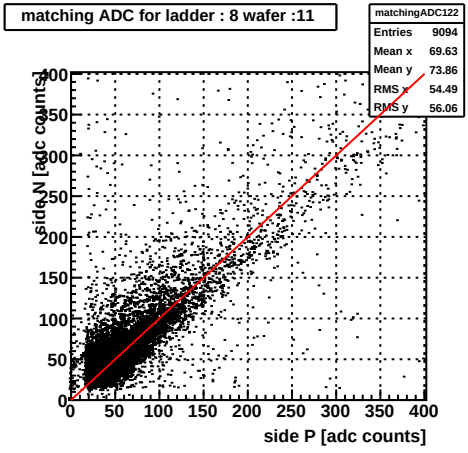

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 10668
Mean x 59.34
Mean y 57.76
RMS x 39.48
RMS y 49.7
side N [adc counts]
side P [adc counts]

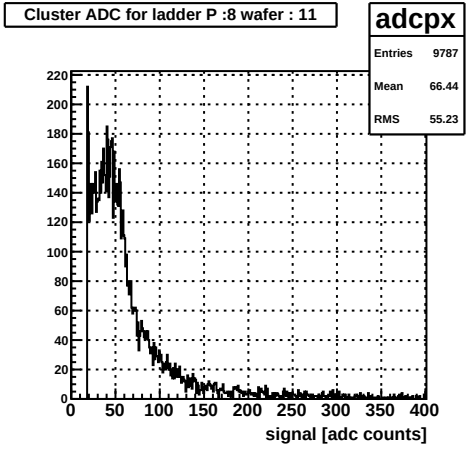

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 20820
Mean 45.7
RMS 36.64
signal [adc counts]

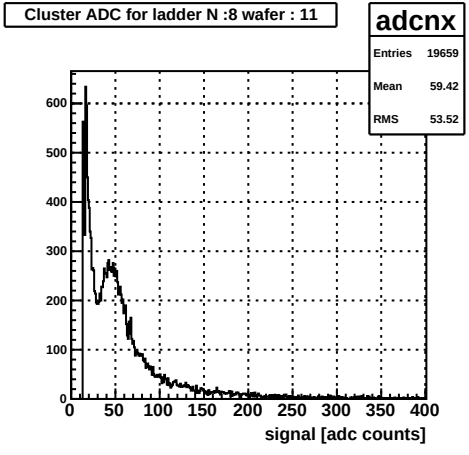

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 21668
Mean 48.17
RMS 47.84
signal [adc counts]

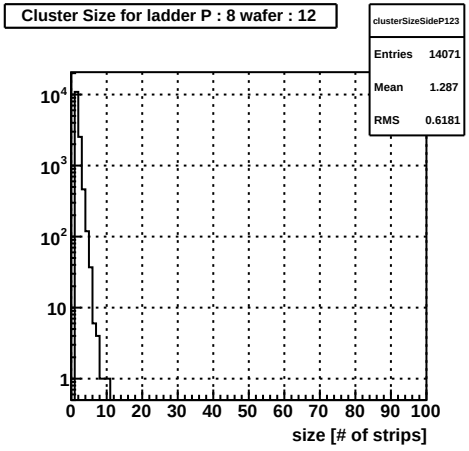

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 9787
Mean 1.297
RMS 0.6128
size [# of strips]

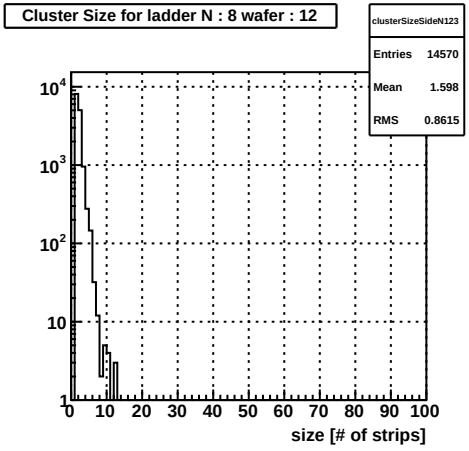

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 19659
Mean 1.455
RMS 0.7544
size [# of strips]

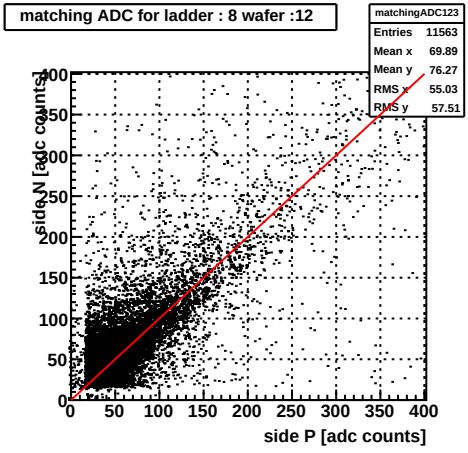

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 9094
Mean x 69.63
Mean y 73.86
RMS x 54.49
RMS y 56.06
side N [adc counts]
side P [adc counts]

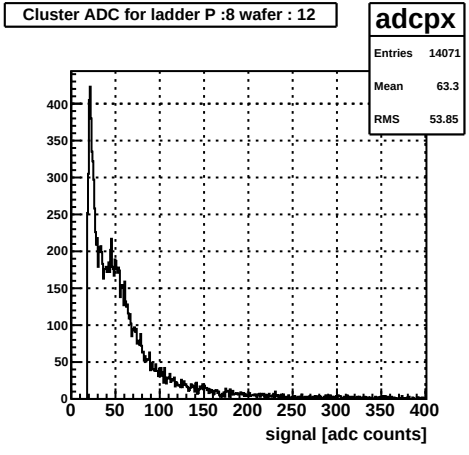

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 9787
Mean 66.44
RMS 55.23
signal [adc counts]

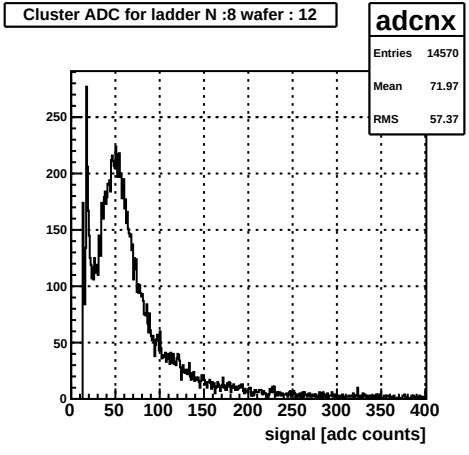

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 19659
Mean 59.42
RMS 53.52
signal [adc counts]

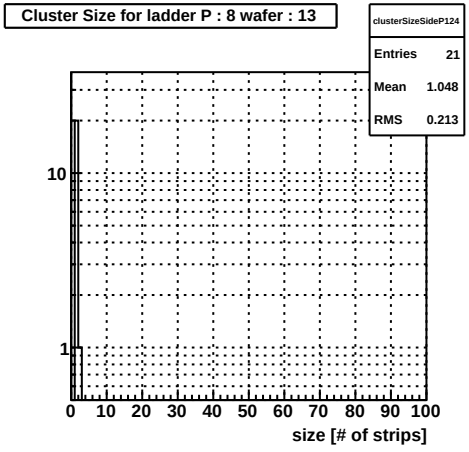

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 14071
Mean 1.287
RMS 0.6181
size [# of strips]

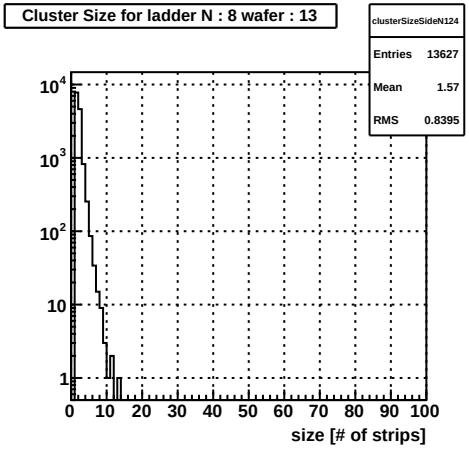

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 14570
Mean 1.598
RMS 0.8615
size [# of strips]

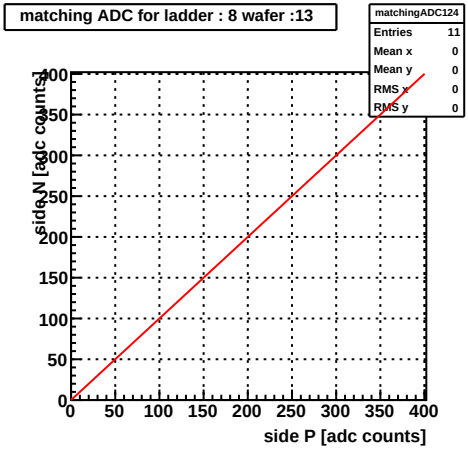

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 11563
Mean x 69.89
Mean y 76.27
RMS x 55.03
RMS y 57.51
side N [adc counts]
side P [adc counts]

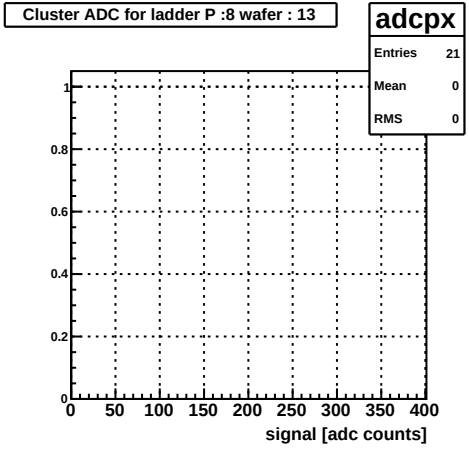

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 14071
Mean 63.3
RMS 53.85
signal [adc counts]

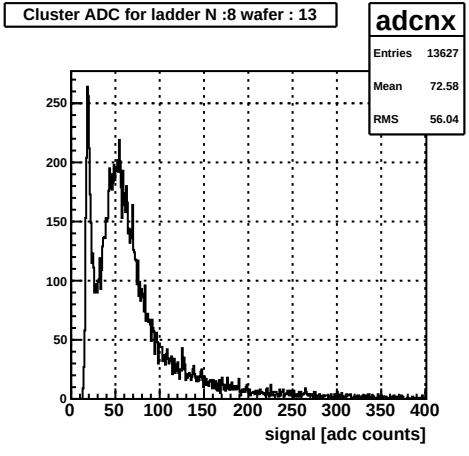

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 14570
Mean 71.97
RMS 57.37
signal [adc counts]

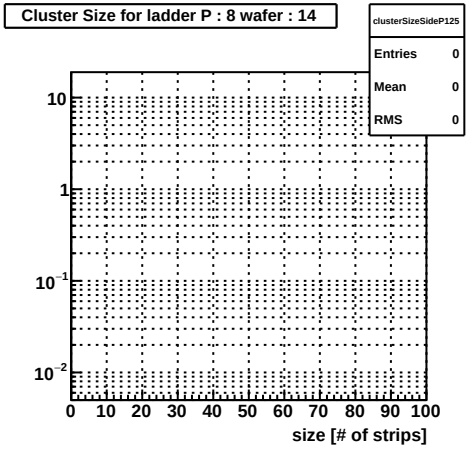

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

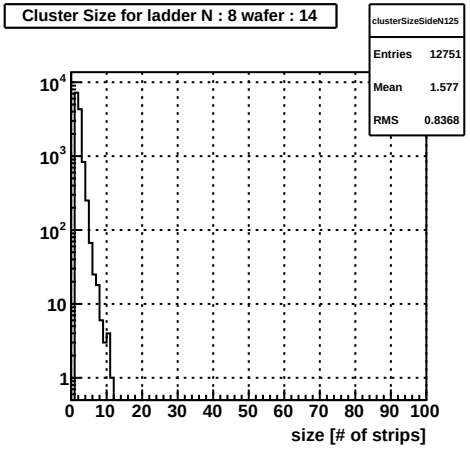

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 13627
Mean 1.57
RMS 0.8395
size [# of strips]

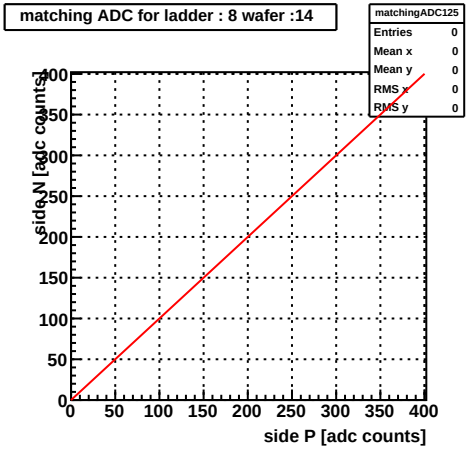

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 11
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

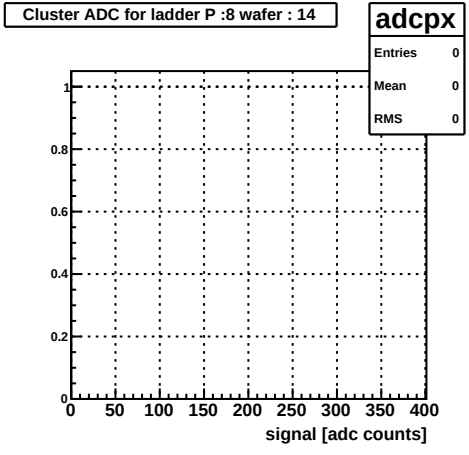

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 21
Mean 0
RMS 0
signal [adc counts]

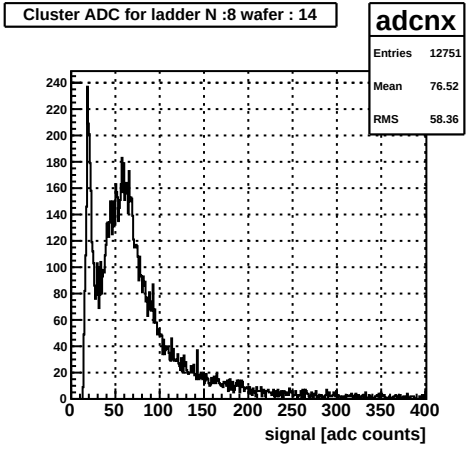

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 13627
Mean 72.58
RMS 56.04
signal [adc counts]

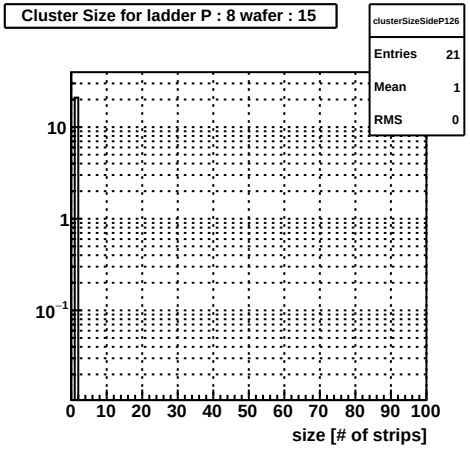

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

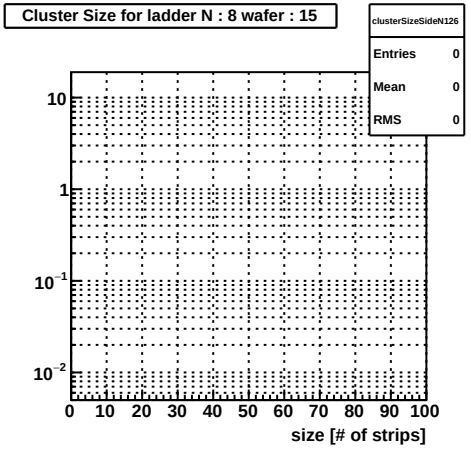

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 12751
Mean 1.577
RMS 0.8368
size [# of strips]

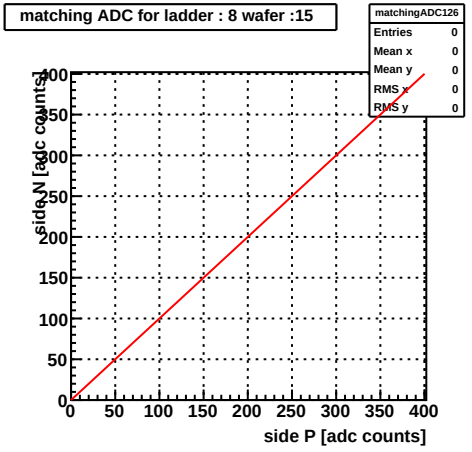

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

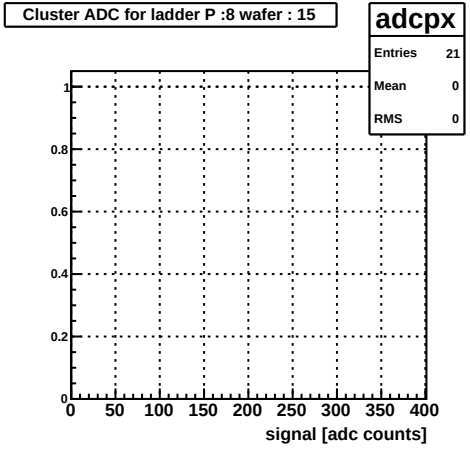

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

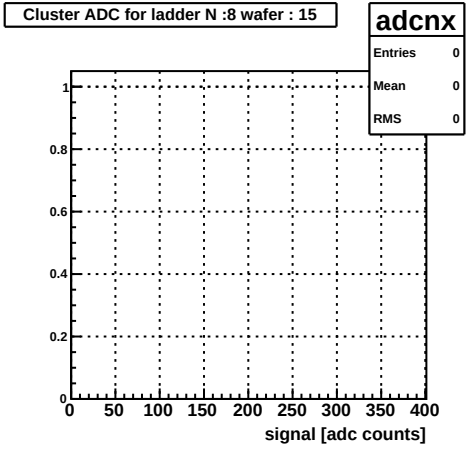

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 12751
Mean 76.52
RMS 58.36
signal [adc counts]

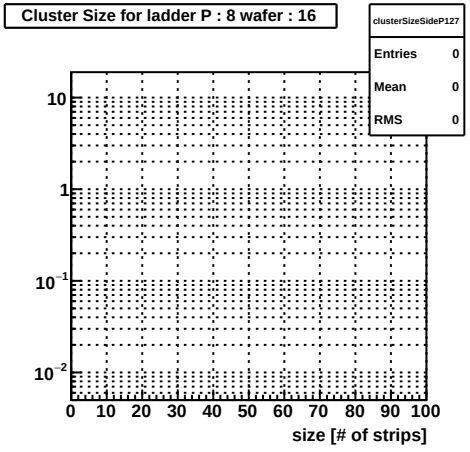

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 21
Mean 1
RMS 0
size [# of strips]

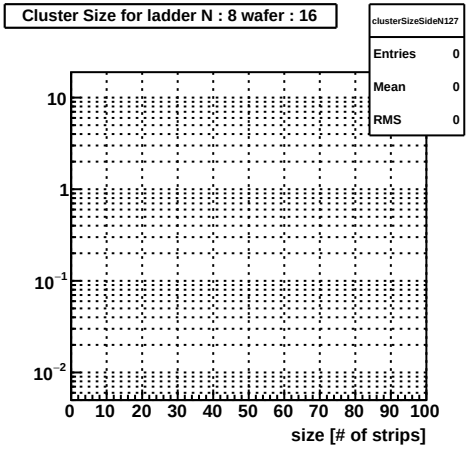

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

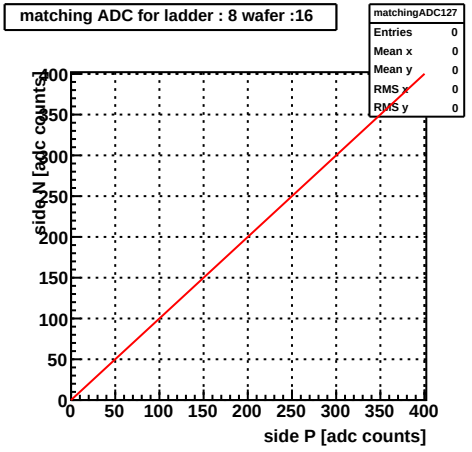

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

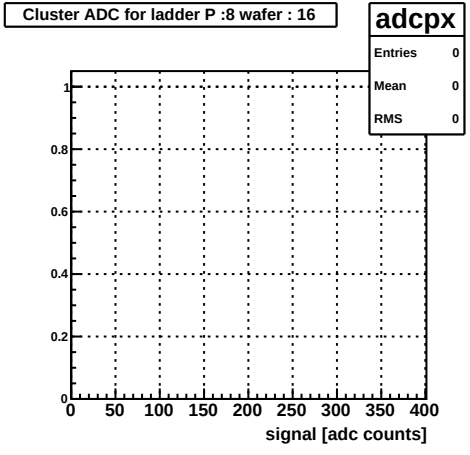

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 21
Mean 0
RMS 0
signal [adc counts]

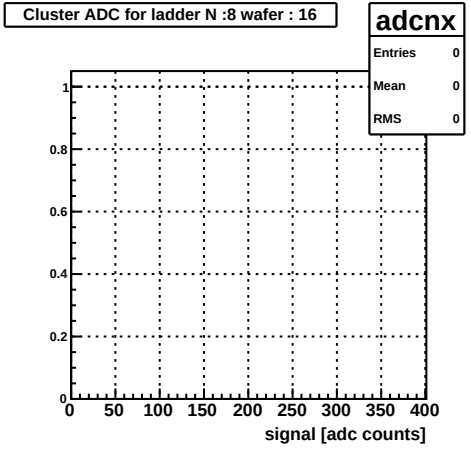

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

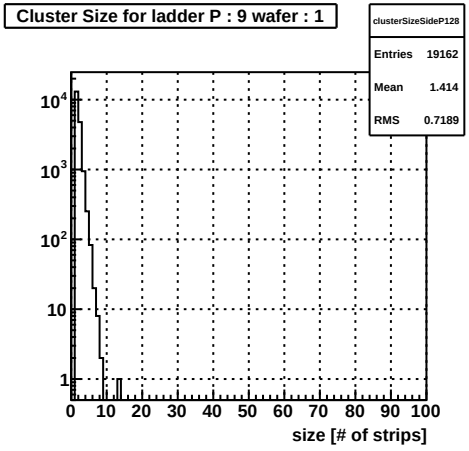

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

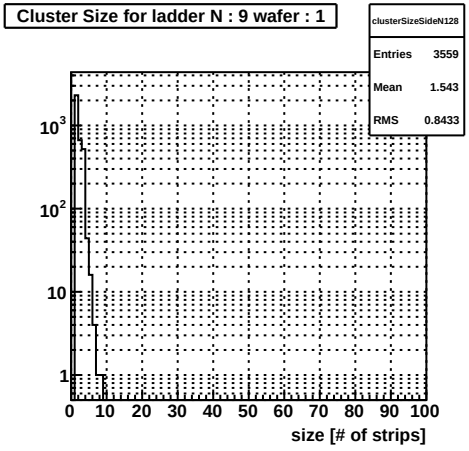

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

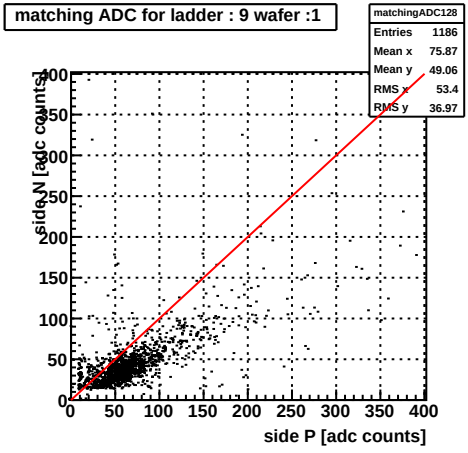

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

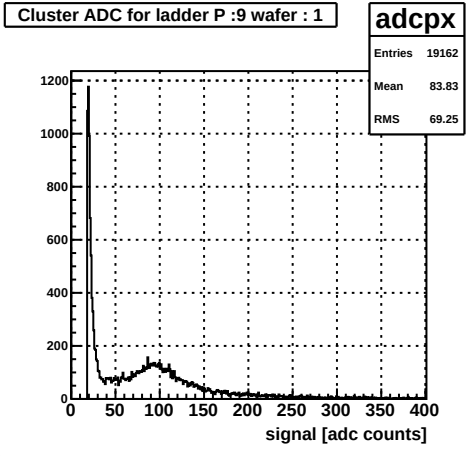

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

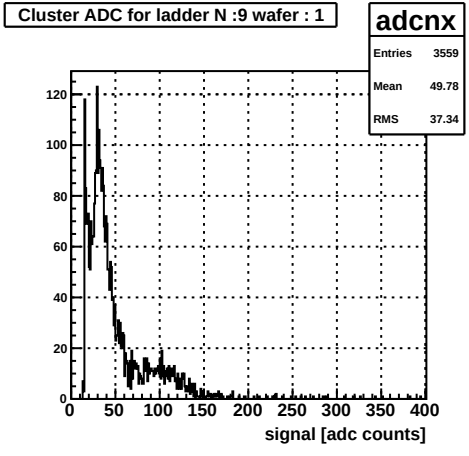

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

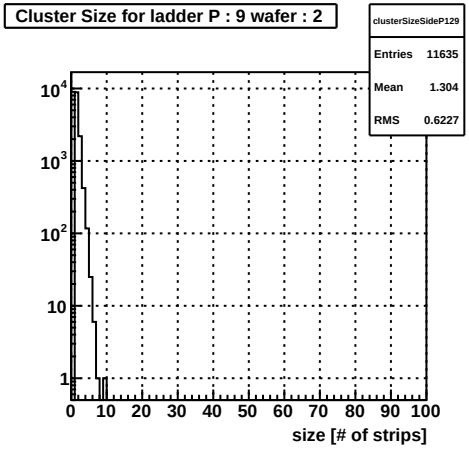

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 19162
Mean 1.414
RMS 0.7189
size [# of strips]

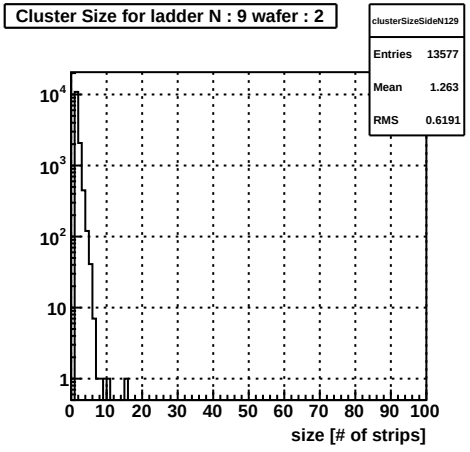

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3559
Mean 1.543
RMS 0.8433
size [# of strips]

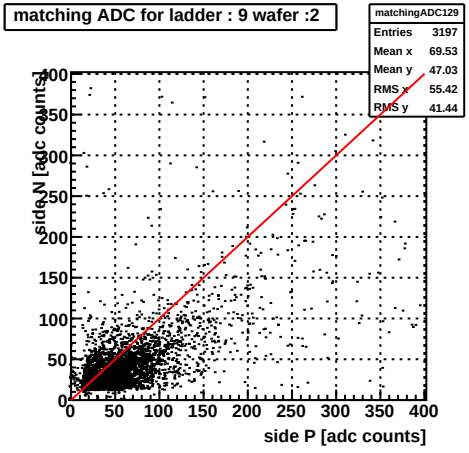

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1186
Mean x 75.87
Mean y 49.06
RMS x 53.4
RMS y 36.97
side N [adc counts]
side P [adc counts]

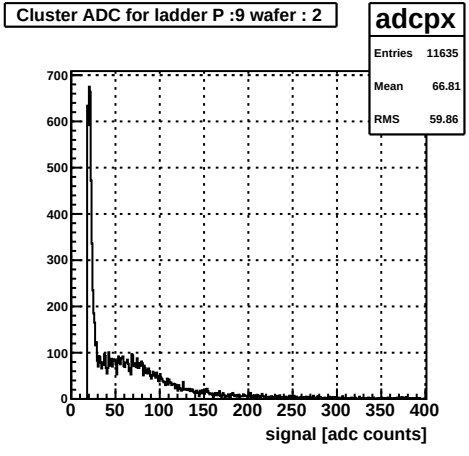

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 19162
Mean 83.83
RMS 69.25
signal [adc counts]

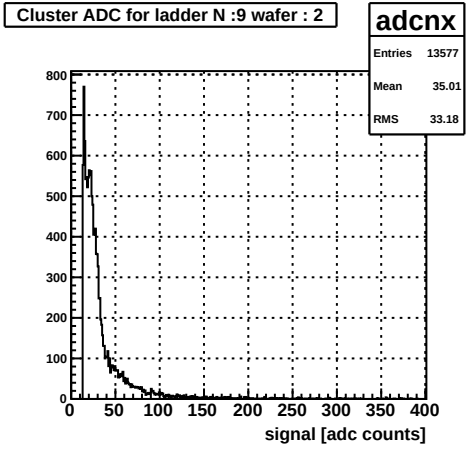

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3559
Mean 49.78
RMS 37.34
signal [adc counts]

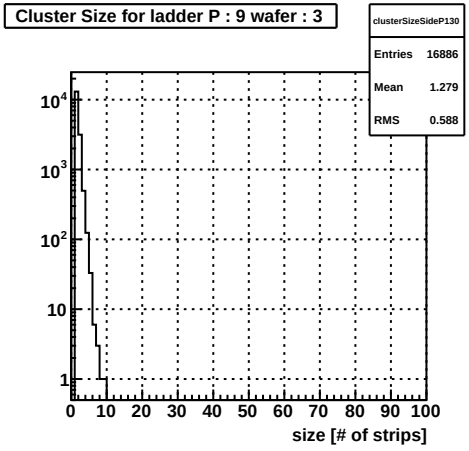

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 11635
Mean 1.304
RMS 0.6227
size [# of strips]

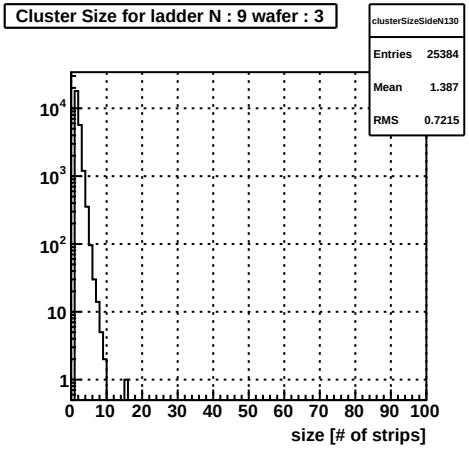

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 13577
Mean 1.263
RMS 0.6191
size [# of strips]

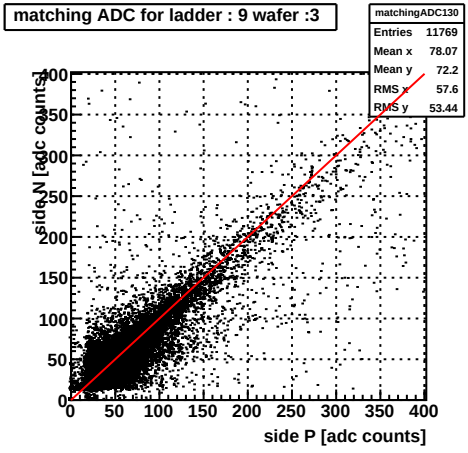

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3197
Mean x 69.53
Mean y 47.03
RMS x 55.42
RMS y 41.44
side N [adc counts]
side P [adc counts]

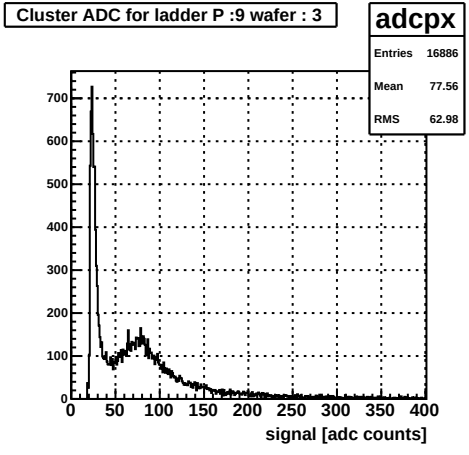

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 11635
Mean 66.81
RMS 59.86
signal [adc counts]

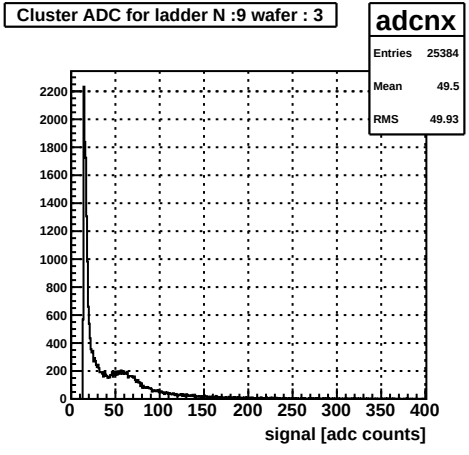

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 13577
Mean 35.01
RMS 33.18
signal [adc counts]

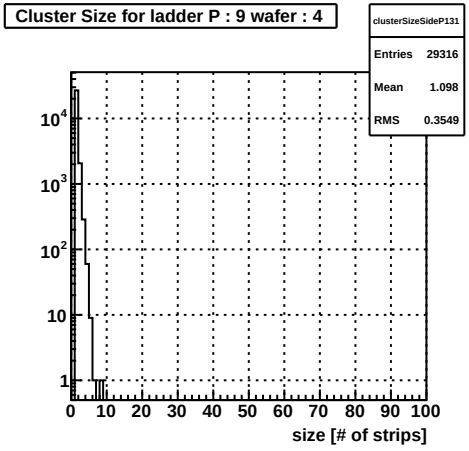

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 16886
Mean 1.279
RMS 0.588
size [# of strips]

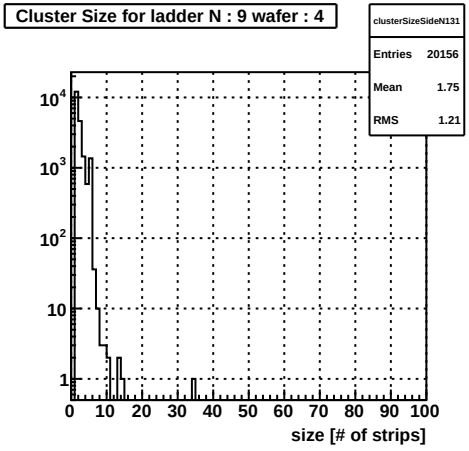

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 25384
Mean 1.387
RMS 0.7215
size [# of strips]

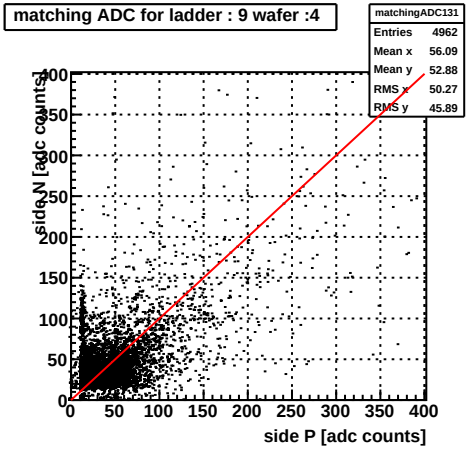

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 11769
Mean x 78.07
Mean y 72.2
RMS x 57.6
RMS y 53.44
side N [adc counts]
side P [adc counts]

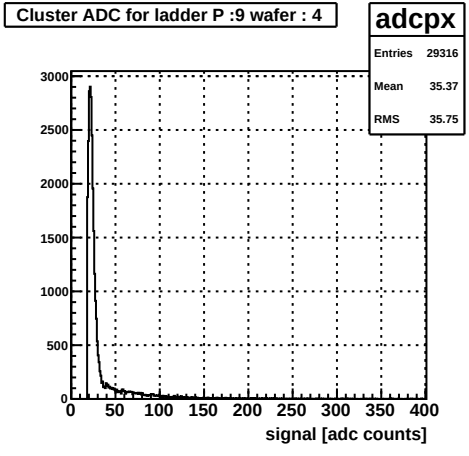

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 16886
Mean 77.56
RMS 62.98
signal [adc counts]

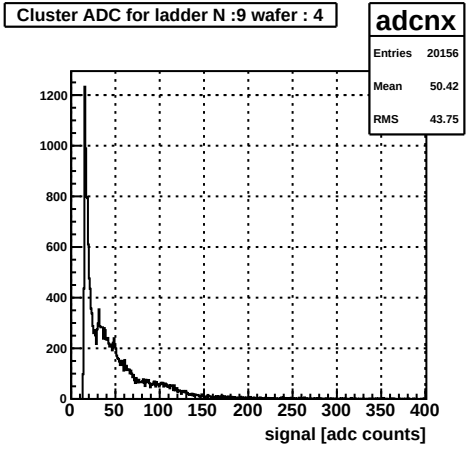

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 25384
Mean 49.5
RMS 49.93
signal [adc counts]

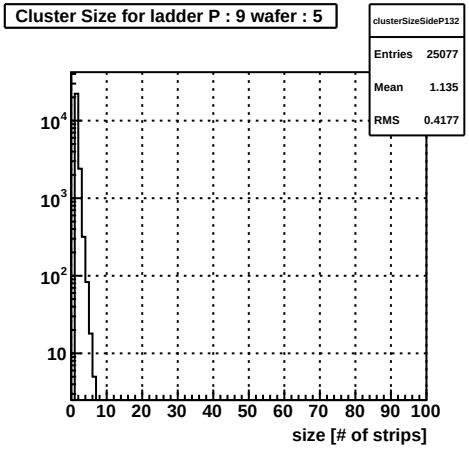

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 29316
Mean 1.098
RMS 0.3549
size [# of strips]

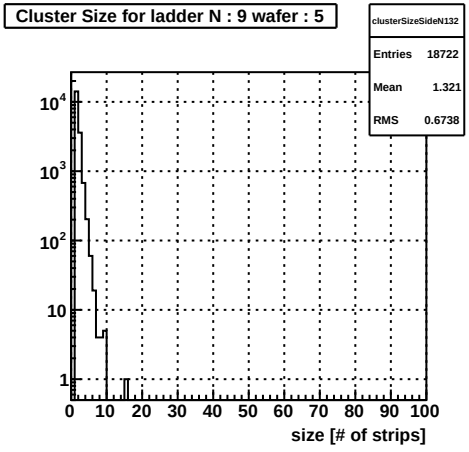

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 20156
Mean 1.75
RMS 1.21
size [# of strips]

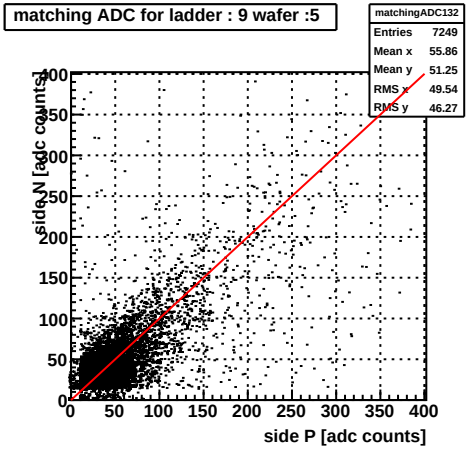

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 4962
Mean x 56.09
Mean y 52.88
RMS x 50.27
RMS y 45.89
side N [adc counts]
side P [adc counts]

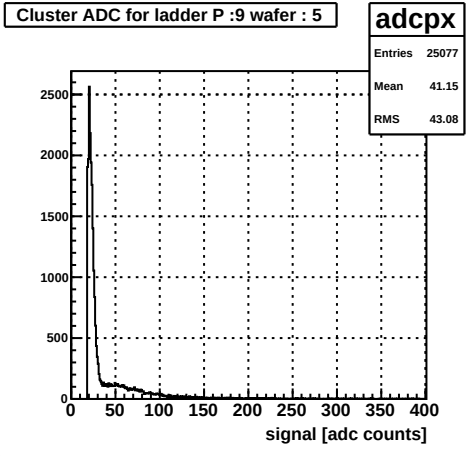

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 29316
Mean 35.37
RMS 35.75
signal [adc counts]

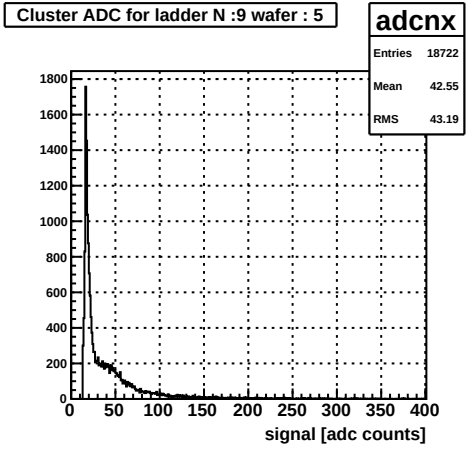

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 20156
Mean 50.42
RMS 43.75
signal [adc counts]

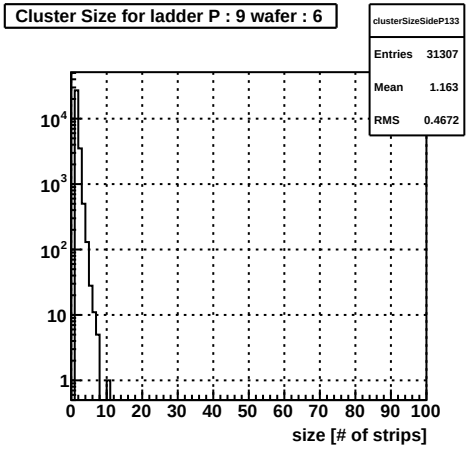

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 25077
Mean 1.135
RMS 0.4177
size [# of strips]

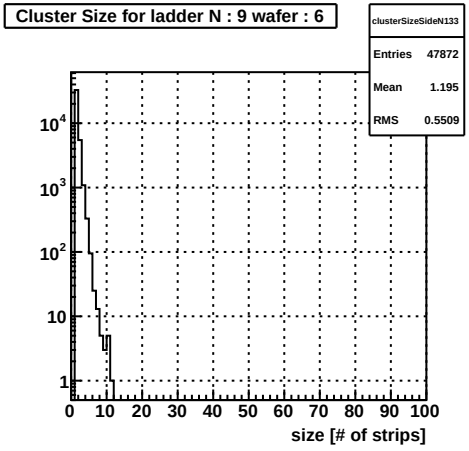

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 18722
Mean 1.321
RMS 0.6738
size [# of strips]

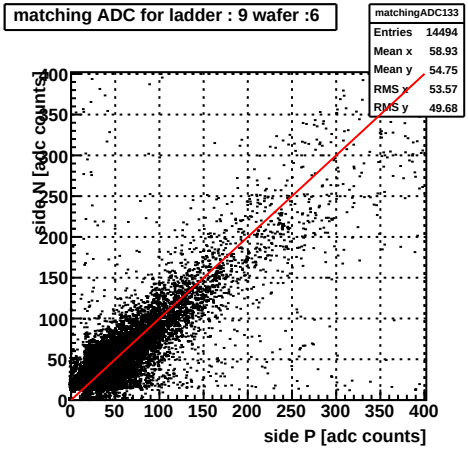

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 7249
Mean x 55.86
Mean y 51.25
RMS x 49.54
RMS y 46.27
side N [adc counts]
side P [adc counts]

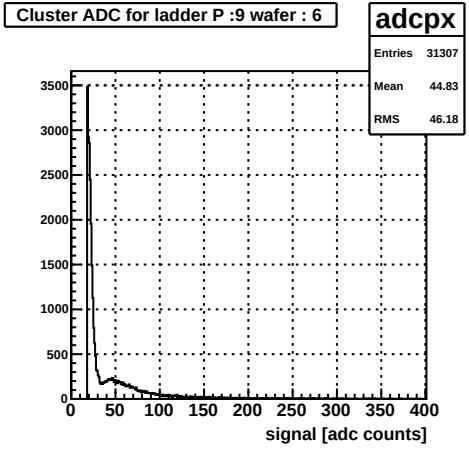

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 25077
Mean 41.15
RMS 43.08
signal [adc counts]

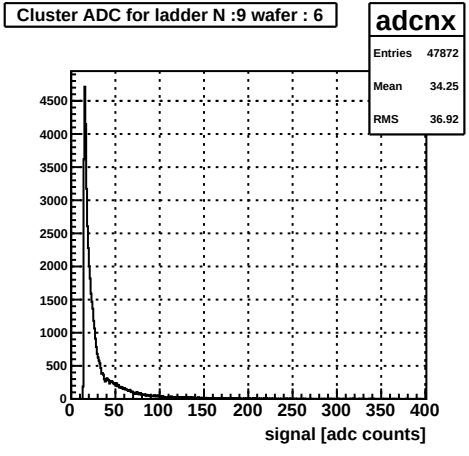

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 18722
Mean 42.55
RMS 43.19
signal [adc counts]

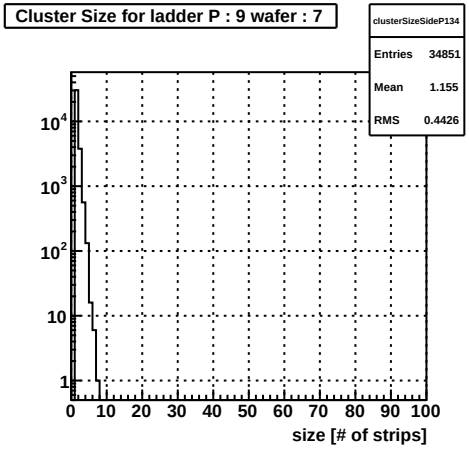

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 31307
Mean 1.163
RMS 0.4672
size [# of strips]

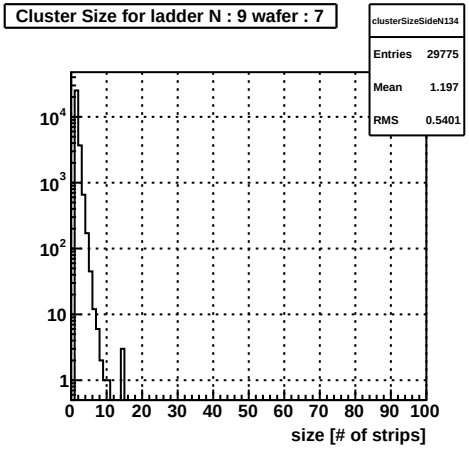

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 47872
Mean 1.195
RMS 0.5509
size [# of strips]

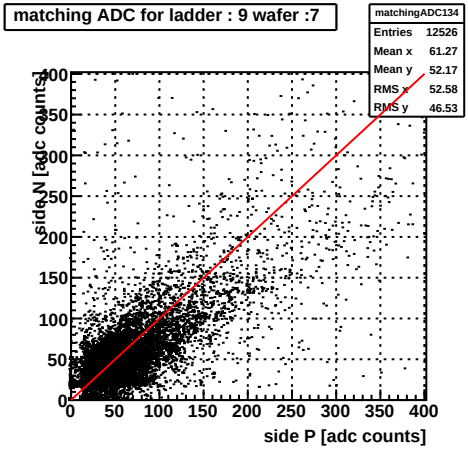

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 14494
Mean x 58.93
Mean y 54.75
RMS x 53.57
RMS y 49.68
side N [adc counts]
side P [adc counts]

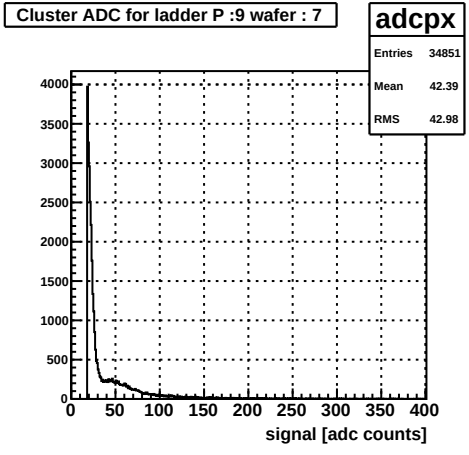

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 31307
Mean 44.83
RMS 46.18
signal [adc counts]

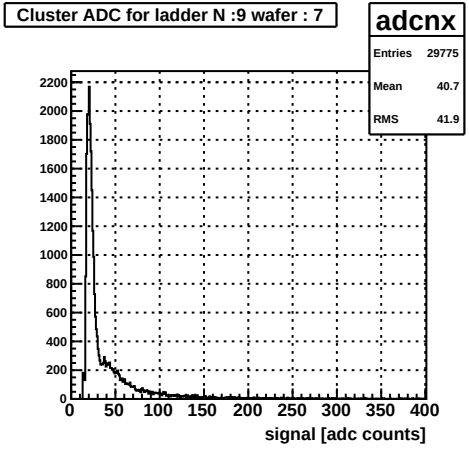

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 47872
Mean 34.25
RMS 36.92
signal [adc counts]

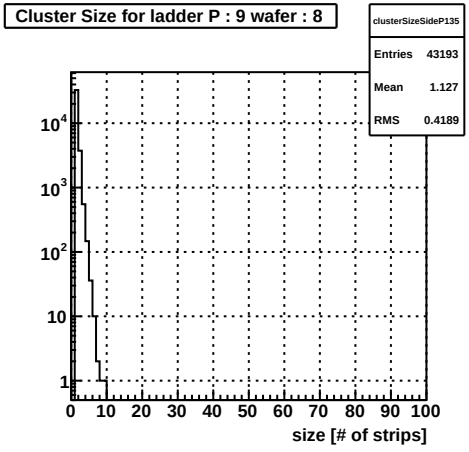

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 34851
Mean 1.155
RMS 0.4426
size [# of strips]

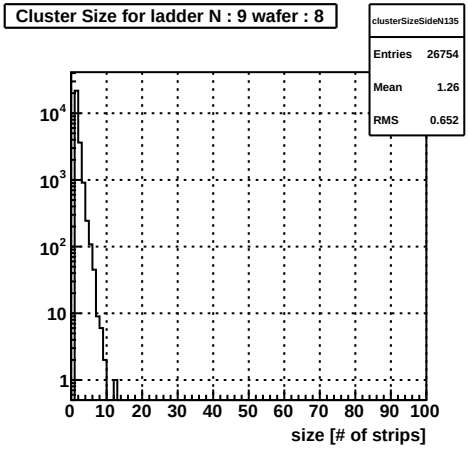

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 29775
Mean 1.197
RMS 0.5401
size [# of strips]

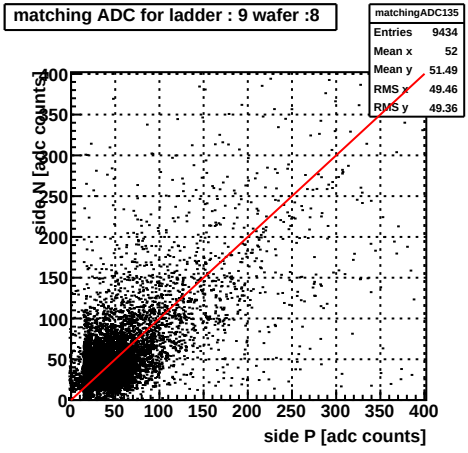

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 12526
Mean x 61.27
Mean y 52.17
RMS x 52.58
RMS y 46.53
side N [adc counts]
side P [adc counts]

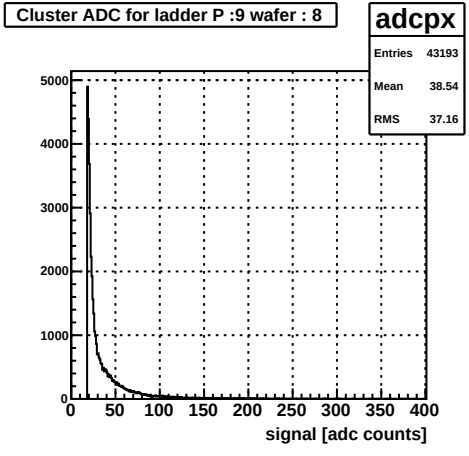

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 34851
Mean 42.39
RMS 42.98
signal [adc counts]

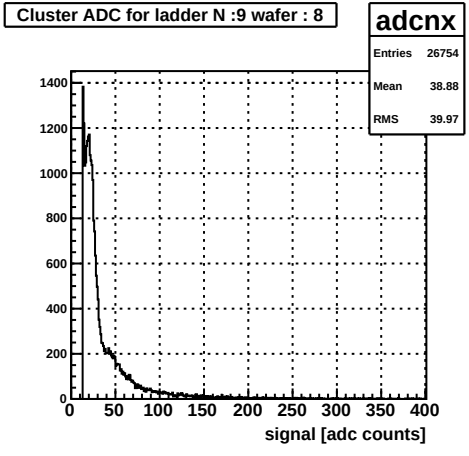

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 29775
Mean 40.7
RMS 41.9
signal [adc counts]

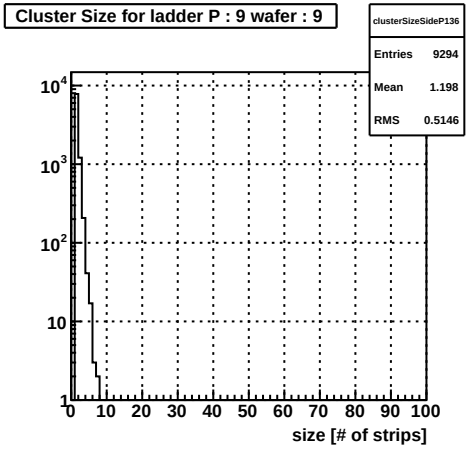

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 43193
Mean 1.127
RMS 0.4189
size [# of strips]

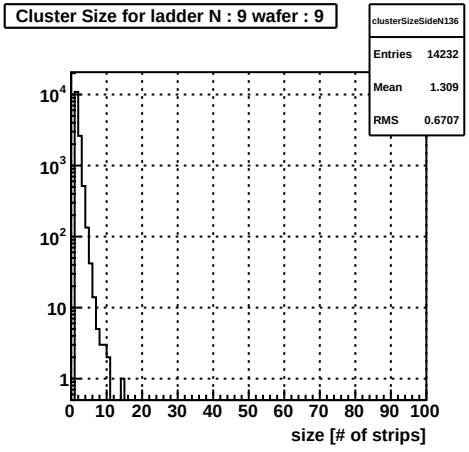

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 26754
Mean 1.26
RMS 0.652
size [# of strips]

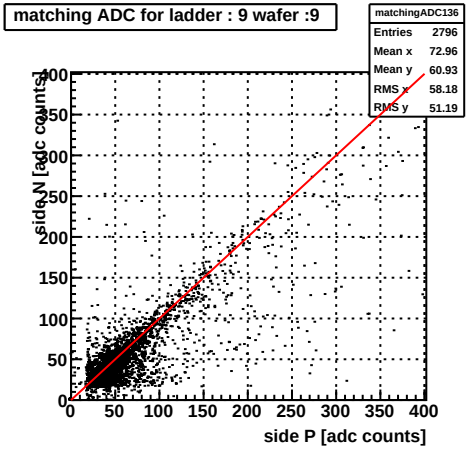

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 9434
Mean x 52
Mean y 51.49
RMS x 49.46
RMS y 49.36
side N [adc counts]
side P [adc counts]

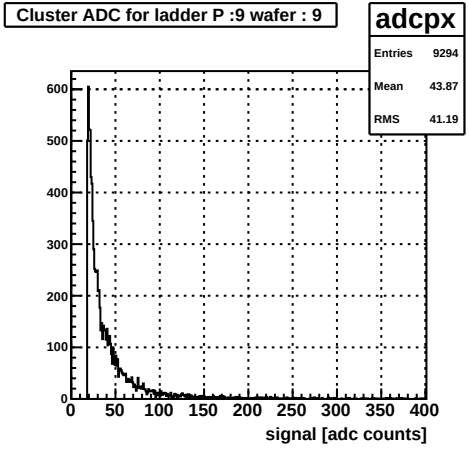

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 43193
Mean 38.54
RMS 37.16
signal [adc counts]

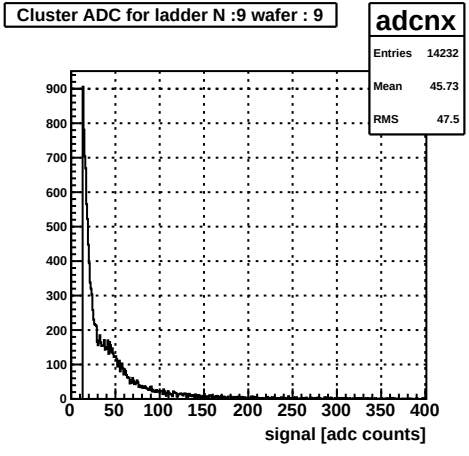

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 26754
Mean 38.88
RMS 39.97
signal [adc counts]

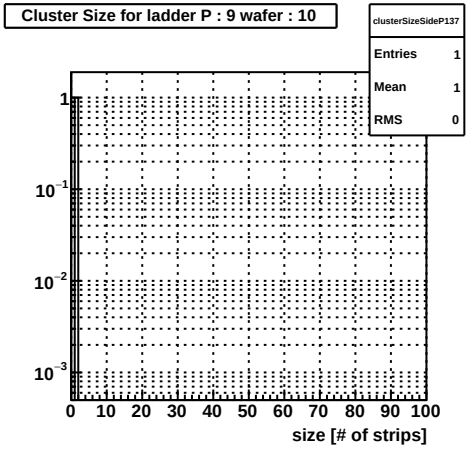

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 9294
Mean 1.198
RMS 0.5146
size [# of strips]

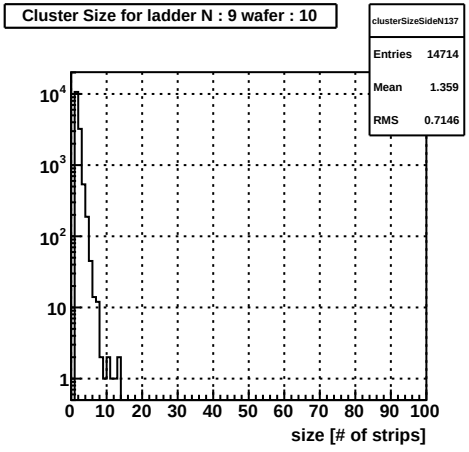

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 14232
Mean 1.309
RMS 0.6707
size [# of strips]

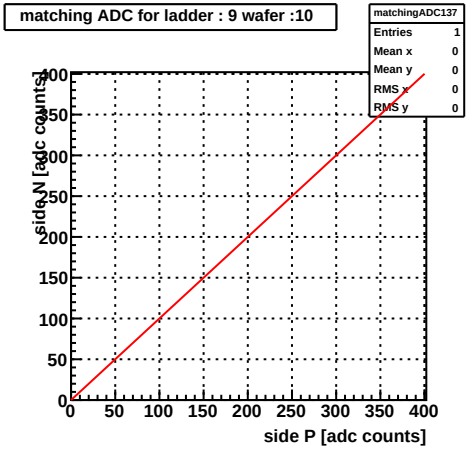

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2796
Mean x 72.96
Mean y 60.93
RMS x 58.18
RMS y 51.19
side N [adc counts]
side P [adc counts]

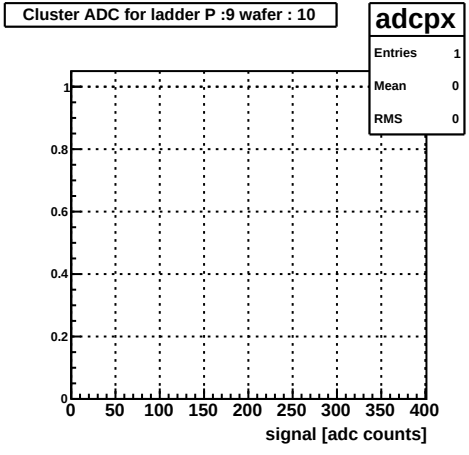

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 9294
Mean 43.87
RMS 41.19
signal [adc counts]

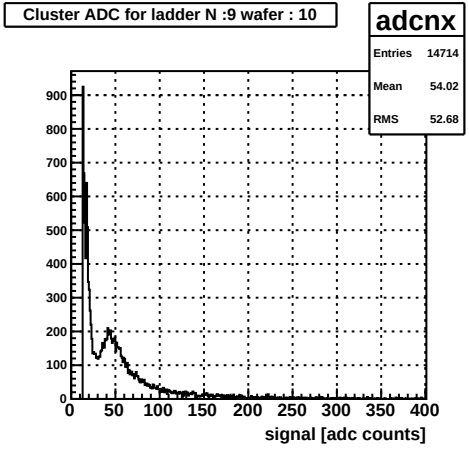

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 14232
Mean 45.73
RMS 47.5
signal [adc counts]

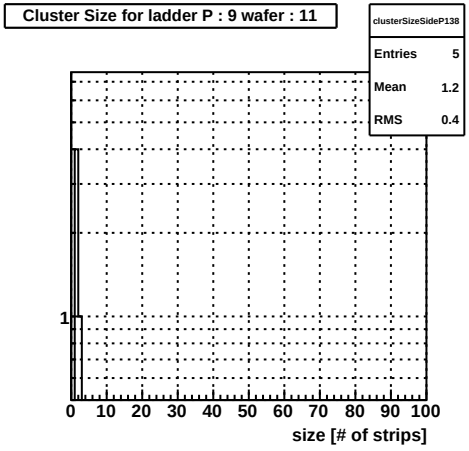

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

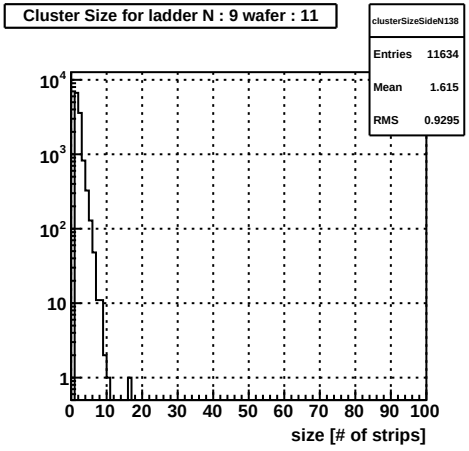

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 14714
Mean 1.359
RMS 0.7146
size [# of strips]

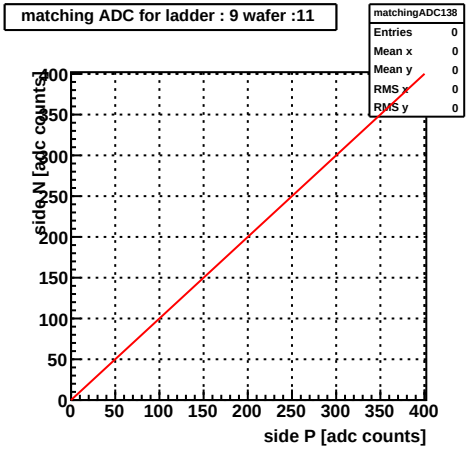

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

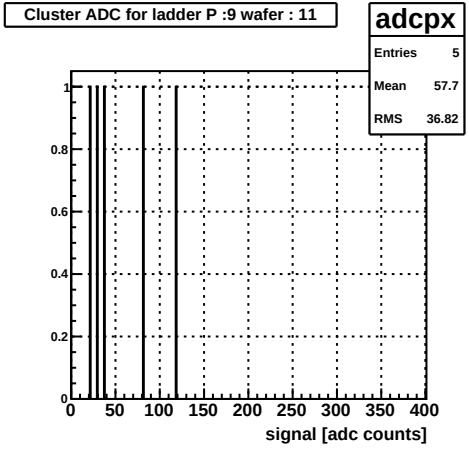

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

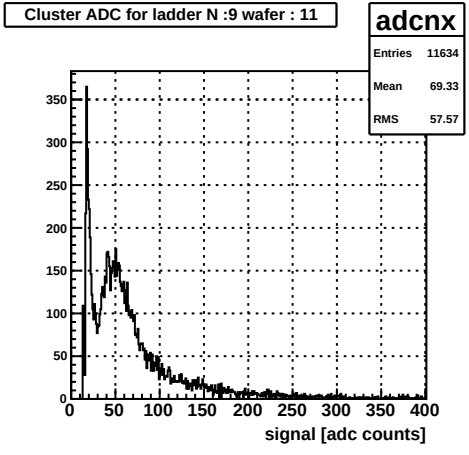

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 14714
Mean 54.02
RMS 52.68
signal [adc counts]

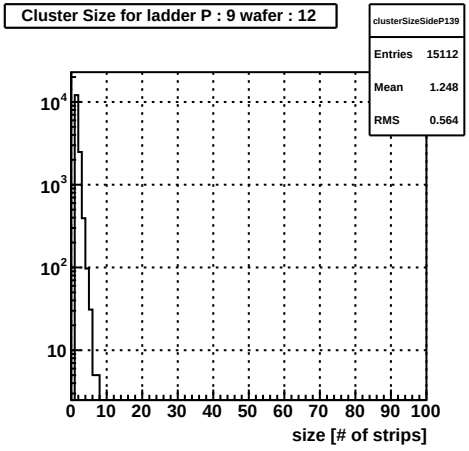

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

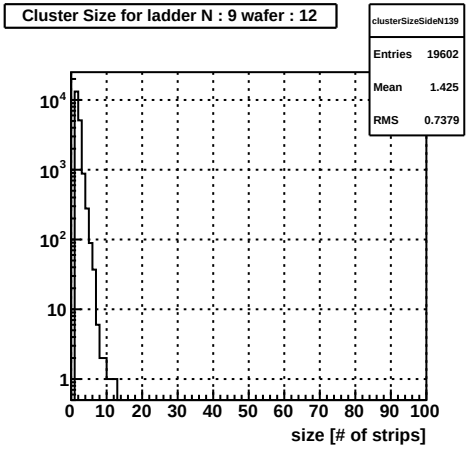

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11634
Mean 1.615
RMS 0.9295
size [# of strips]

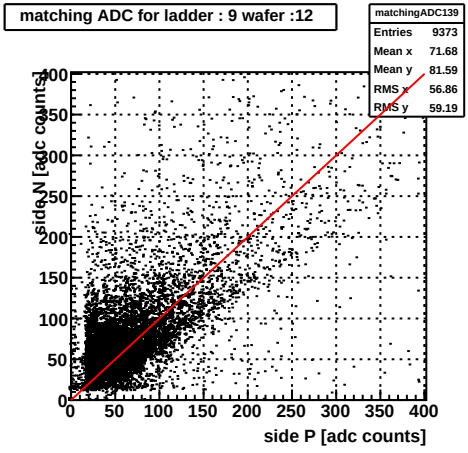

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

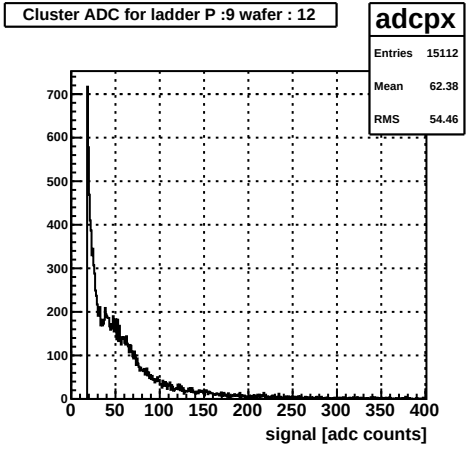

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 5
Mean 57.7
RMS 36.82
signal [adc counts]

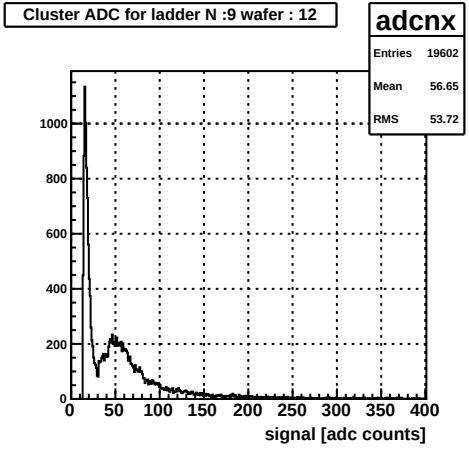

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11634
Mean 69.33
RMS 57.57
signal [adc counts]

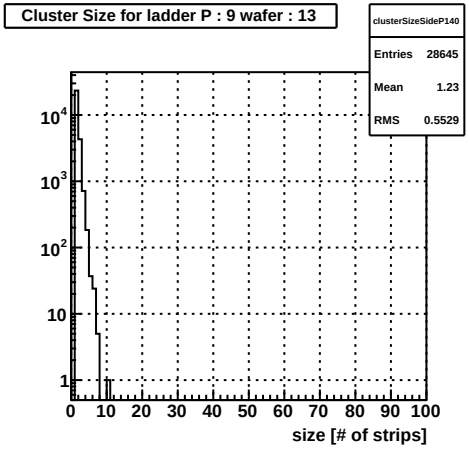

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 15112
Mean 1.248
RMS 0.564
size [# of strips]

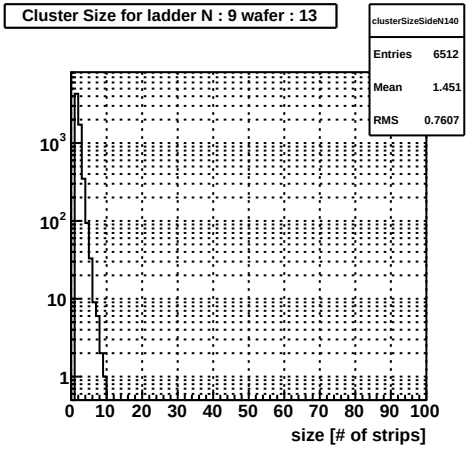

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 19602
Mean 1.425
RMS 0.7379
size [# of strips]

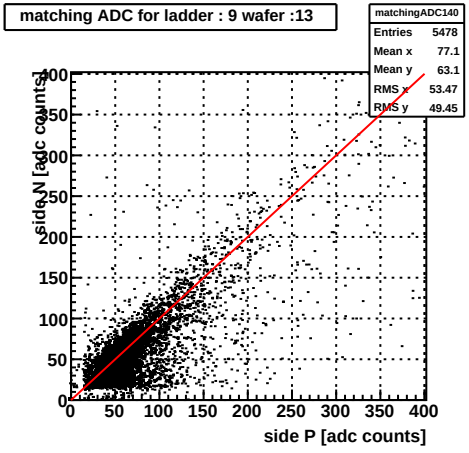

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 9373
Mean x 71.68
Mean y 81.59
RMS x 56.86
RMS y 59.19
side N [adc counts]
side P [adc counts]

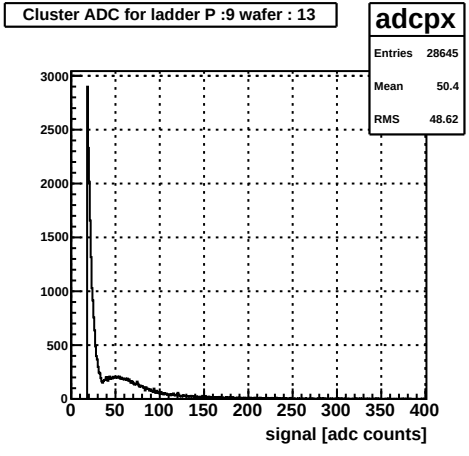

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 15112
Mean 62.38
RMS 54.46
signal [adc counts]

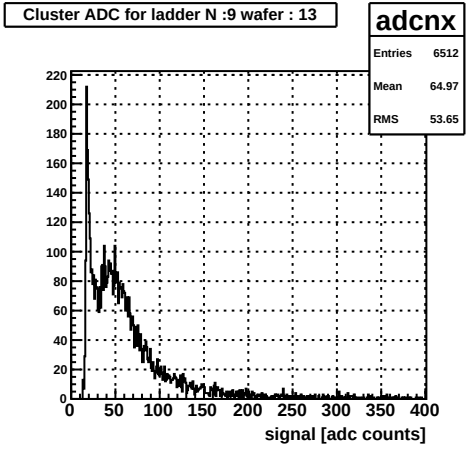

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 19602
Mean 56.65
RMS 53.72
signal [adc counts]

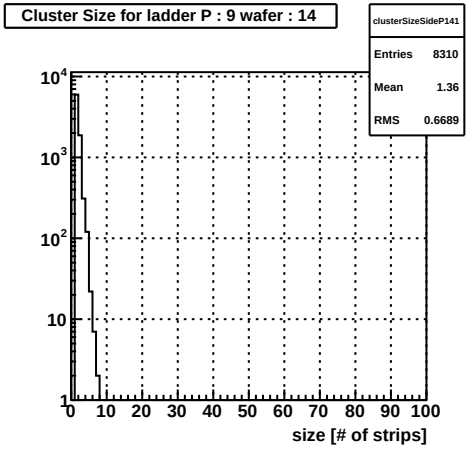

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 28645
Mean 1.23
RMS 0.5529
size [# of strips]

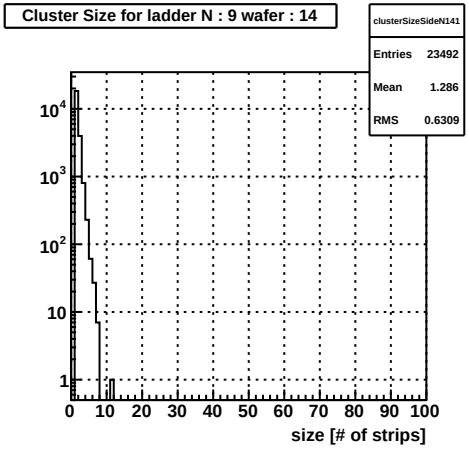

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 6512
Mean 1.451
RMS 0.7607
size [# of strips]

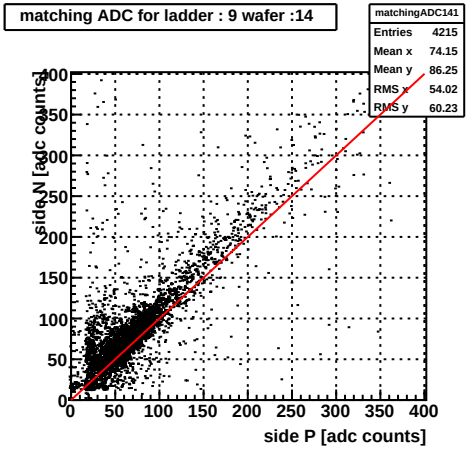

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 5478
Mean x 77.1
Mean y 63.1
RMS x 53.47
RMS y 49.45
side N [adc counts]
side P [adc counts]

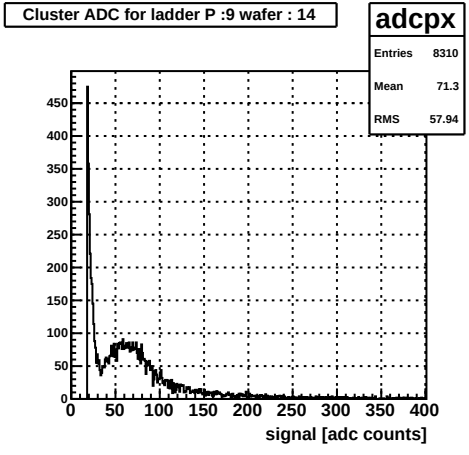

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 28645
Mean 50.4
RMS 48.62
signal [adc counts]

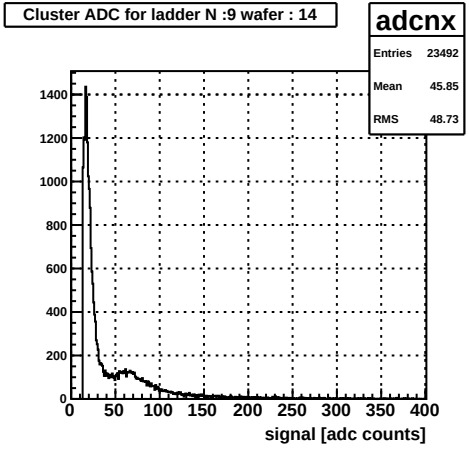

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 6512
Mean 64.97
RMS 53.65
signal [adc counts]

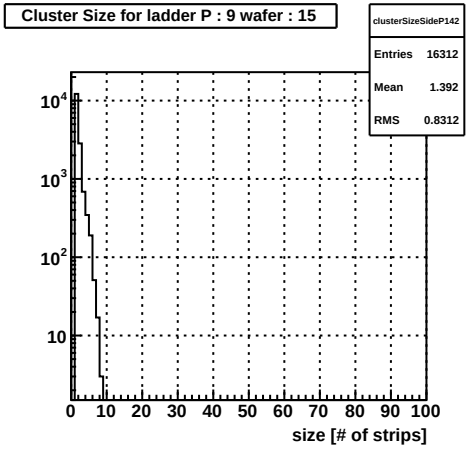

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 8310
Mean 1.36
RMS 0.6689
size [# of strips]

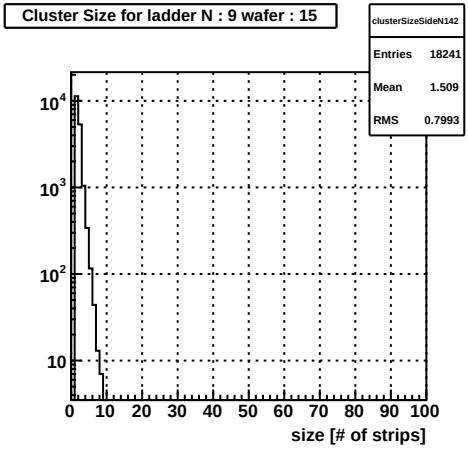

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 23492
Mean 1.286
RMS 0.6309
size [# of strips]

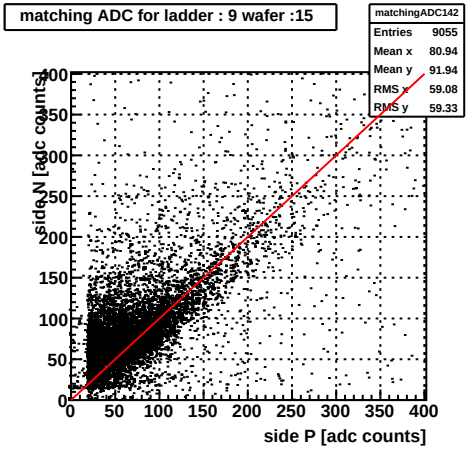

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 4215
Mean x 74.15
Mean y 86.25
RMS x 54.02
RMS y 60.23
side N [adc counts]
side P [adc counts]

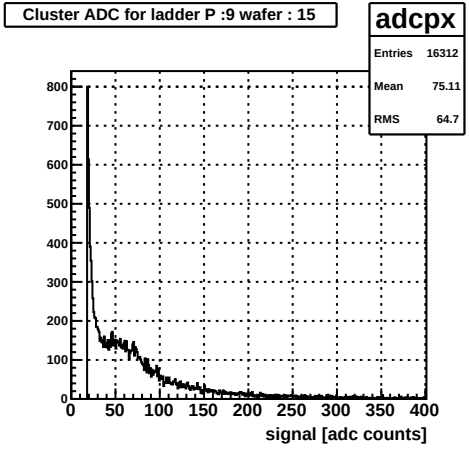

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 8310
Mean 71.3
RMS 57.94
signal [adc counts]

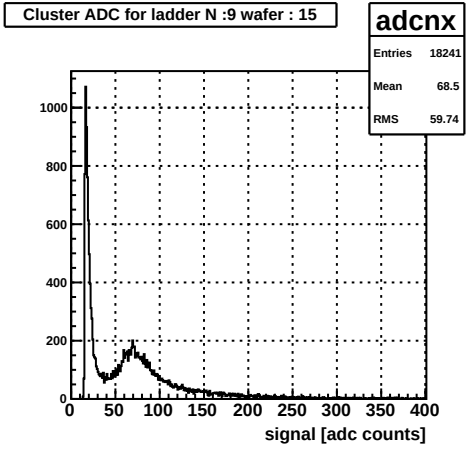

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 23492
Mean 45.85
RMS 48.73
signal [adc counts]

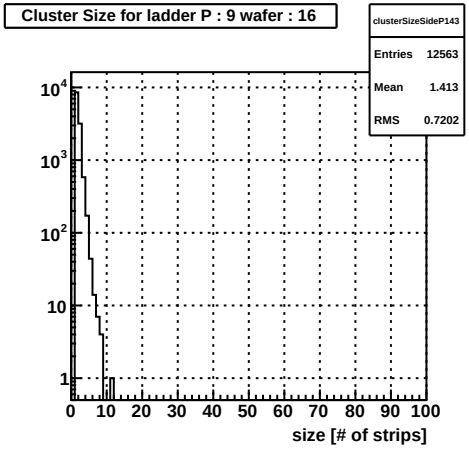

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 16312
Mean 1.392
RMS 0.8312
size [# of strips]

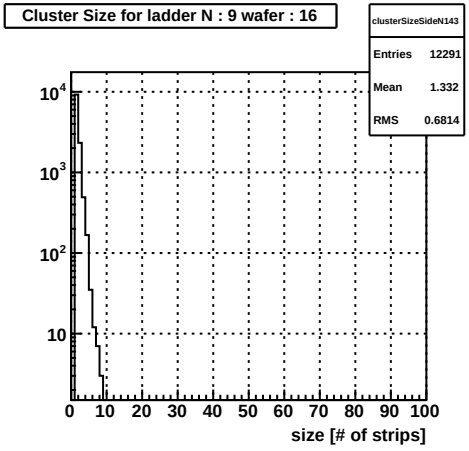

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 18241
Mean 1.509
RMS 0.7993
size [# of strips]

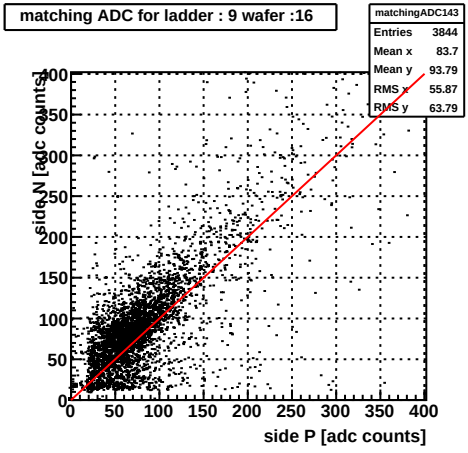

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 9055
Mean x 80.94
Mean y 91.94
RMS x 59.08
RMS y 59.33
side N [adc counts]
side P [adc counts]

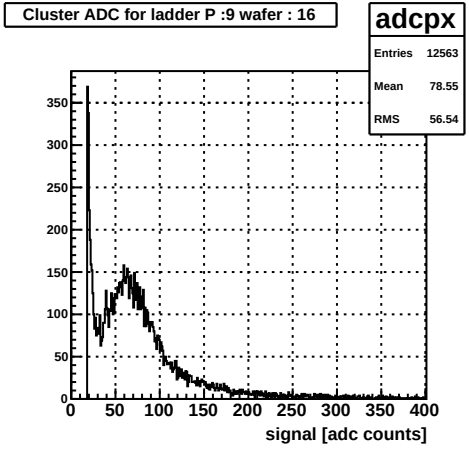

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 16312
Mean 75.11
RMS 64.7
signal [adc counts]

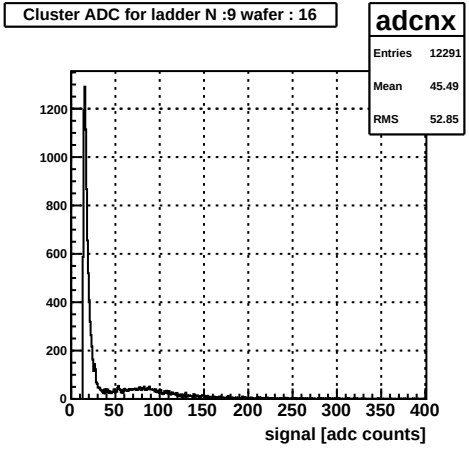

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 18241
Mean 68.5
RMS 59.74
signal [adc counts]

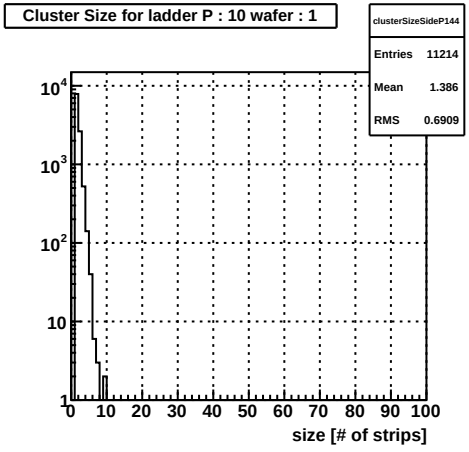

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 12563
Mean 1.413
RMS 0.7202
size [# of strips]

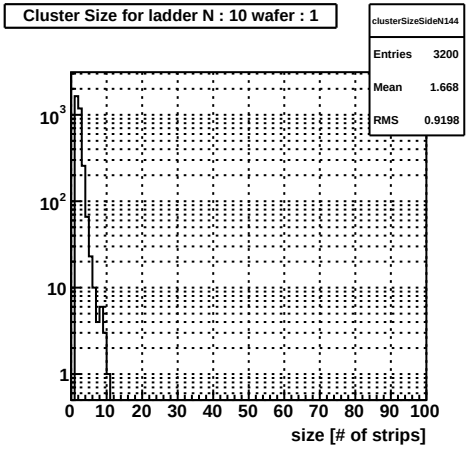

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 12291
Mean 1.332
RMS 0.6814
size [# of strips]

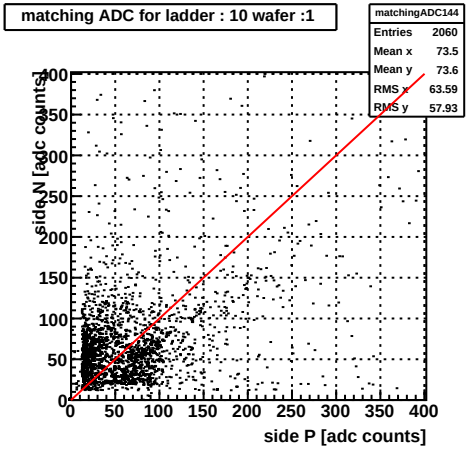

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 3844
Mean x 83.7
Mean y 93.79
RMS x 55.87
RMS y 63.79
side N [adc counts]
side P [adc counts]

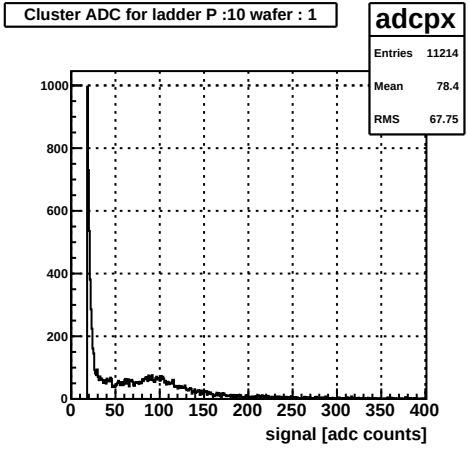

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 12563
Mean 78.55
RMS 56.54
signal [adc counts]

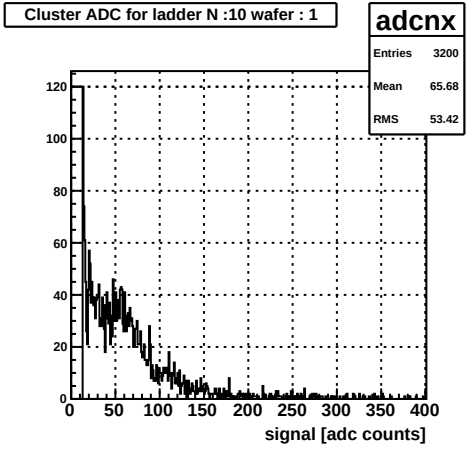

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 12291
Mean 45.49
RMS 52.85
signal [adc counts]

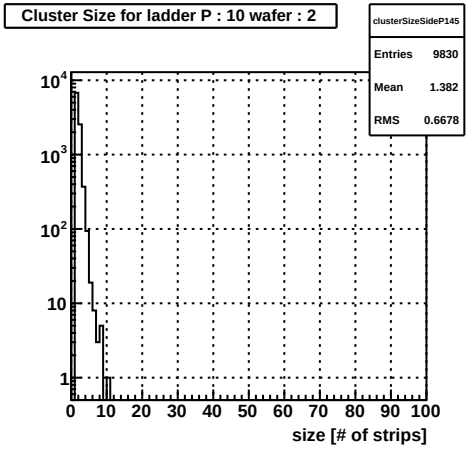

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 11214
Mean 1.386
RMS 0.6909
size [# of strips]

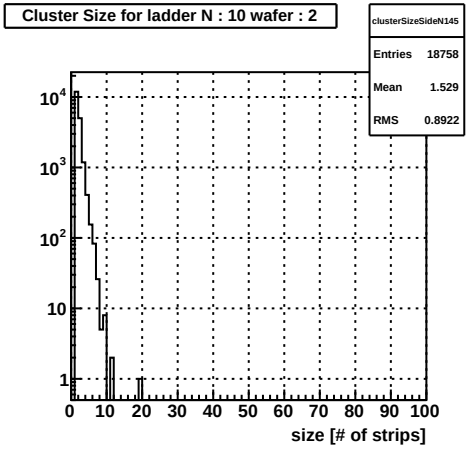

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3200
Mean 1.668
RMS 0.9198
size [# of strips]

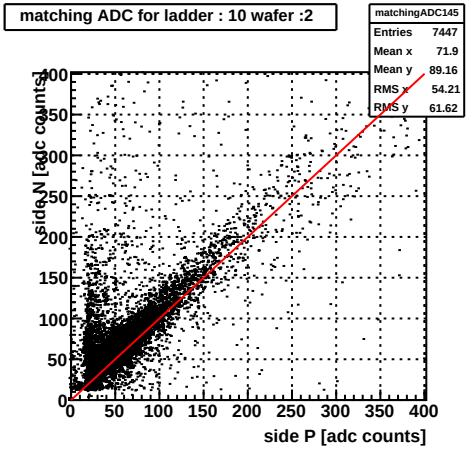

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 2060
Mean x 73.5
Mean y 73.6
RMS x 63.59
RMS y 57.93
side N [adc counts]
side P [adc counts]

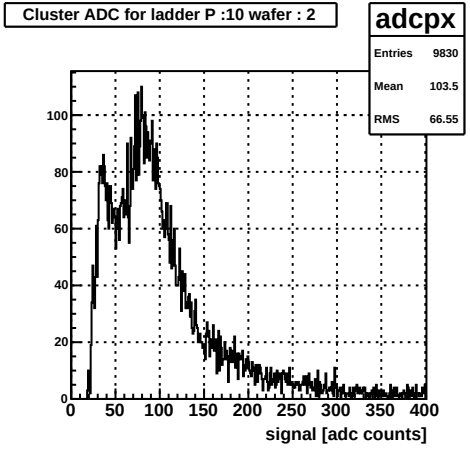

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 11214
Mean 78.4
RMS 67.75
signal [adc counts]

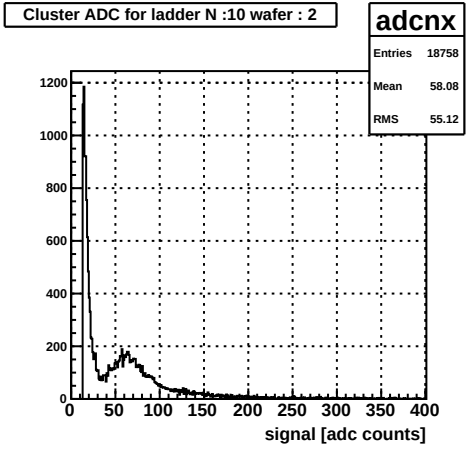

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3200
Mean 65.68
RMS 53.42
signal [adc counts]

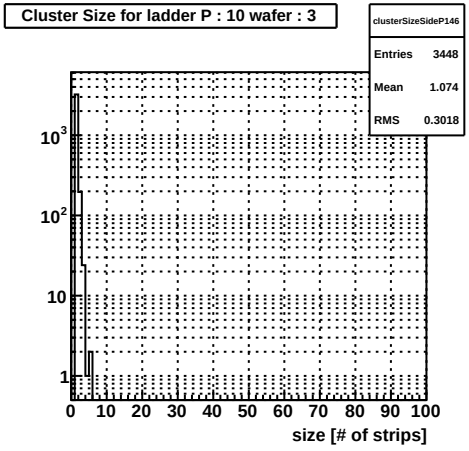

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 9830
Mean 1.382
RMS 0.6678
size [# of strips]

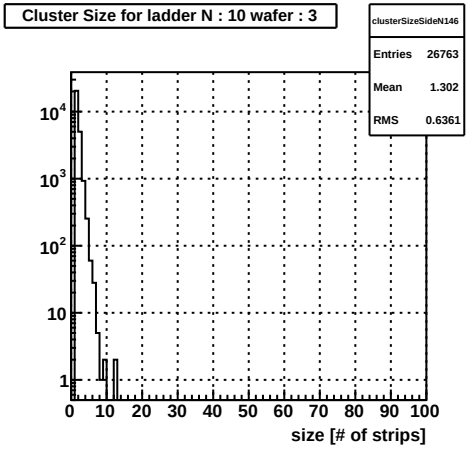

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 18758
Mean 1.529
RMS 0.8922
size [# of strips]

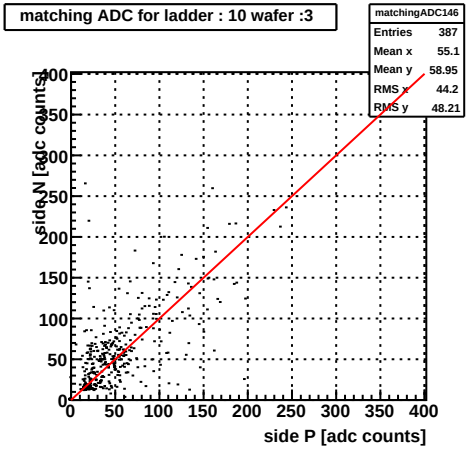

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 7447
Mean x 71.9
Mean y 89.16
RMS x 54.21
RMS y 61.62
side N [adc counts]
side P [adc counts]

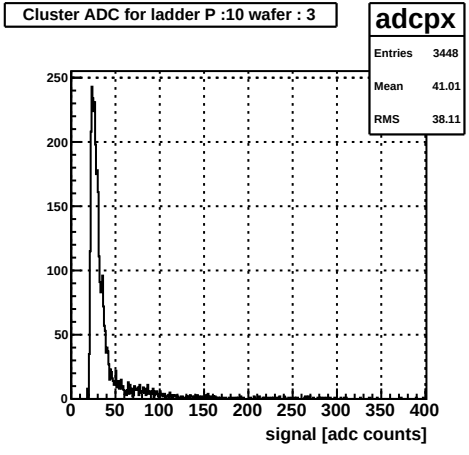

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 9830
Mean 103.5
RMS 66.55
signal [adc counts]

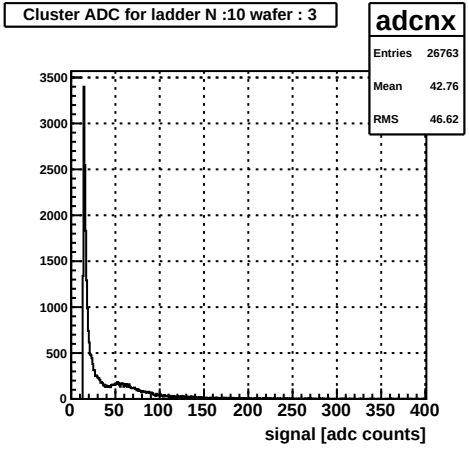

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 18758
Mean 58.08
RMS 55.12
signal [adc counts]

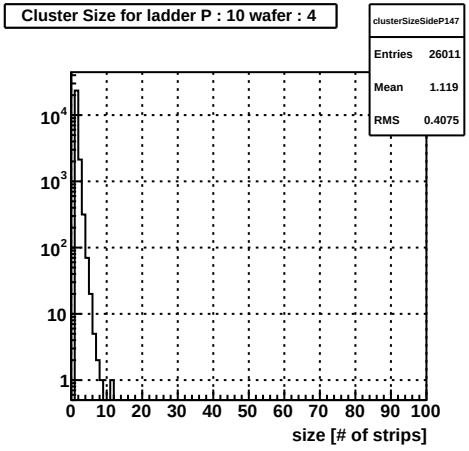

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 3448
Mean 1.074
RMS 0.3018
size [# of strips]

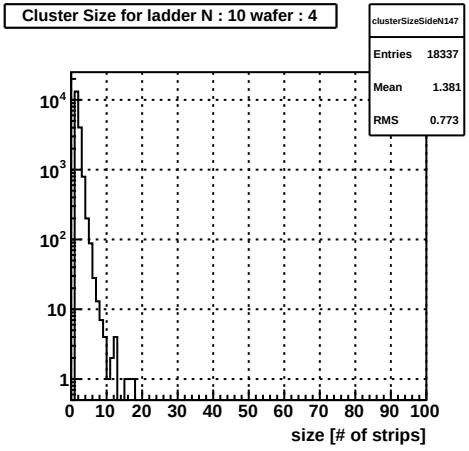

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 26763
Mean 1.302
RMS 0.6361
size [# of strips]

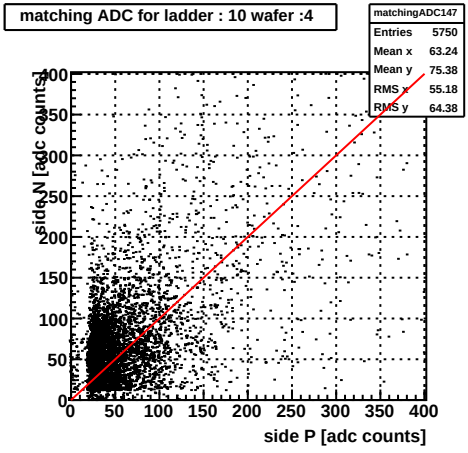

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 387
Mean x 55.1
Mean y 58.95
RMS x 44.2
RMS y 48.21
side N [adc counts]
side P [adc counts]

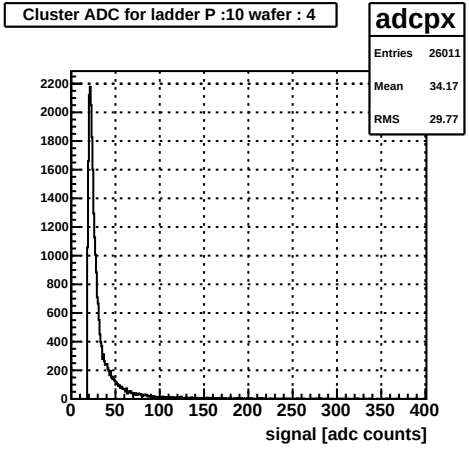

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 3448
Mean 41.01
RMS 38.11
signal [adc counts]

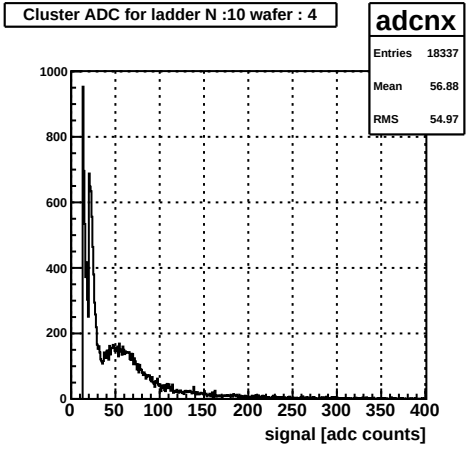

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 26763
Mean 42.76
RMS 46.62
signal [adc counts]

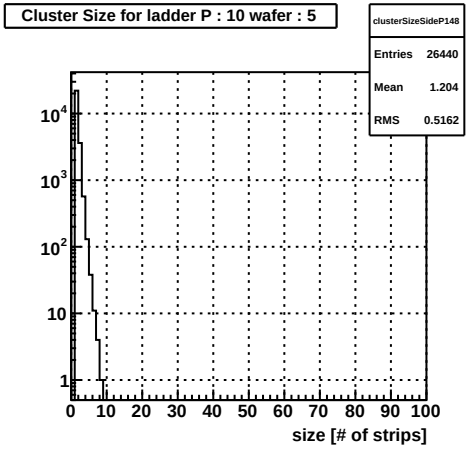

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 26011
Mean 1.119
RMS 0.4075
size [# of strips]

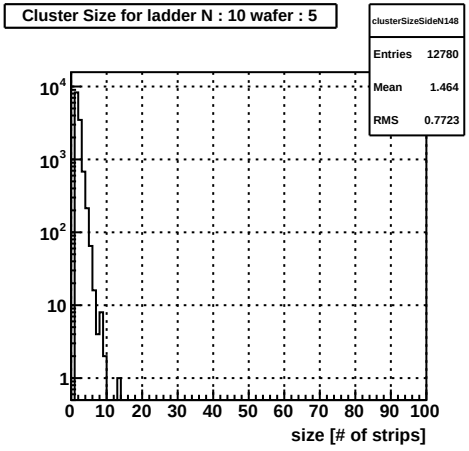

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 18337
Mean 1.381
RMS 0.773
size [# of strips]

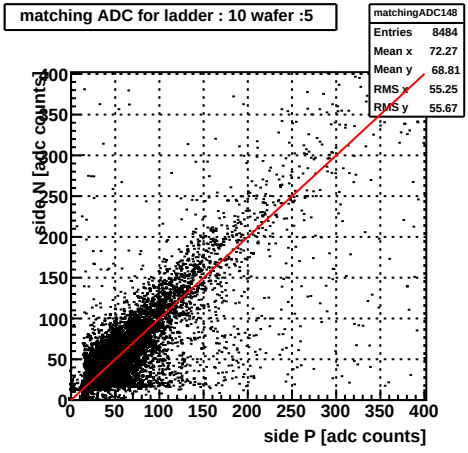

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 5750
Mean x 63.24
Mean y 75.38
RMS x 55.18
RMS y 64.38
side N [adc counts]
side P [adc counts]

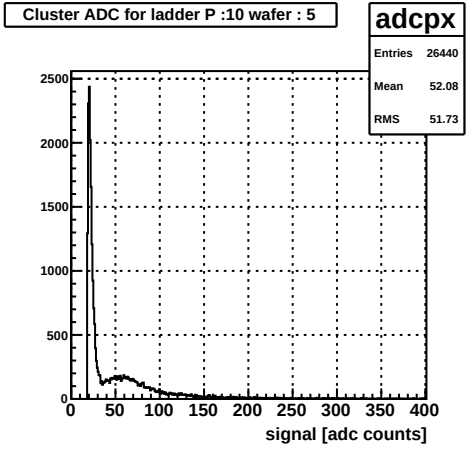

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 26011
Mean 34.17
RMS 29.77
signal [adc counts]

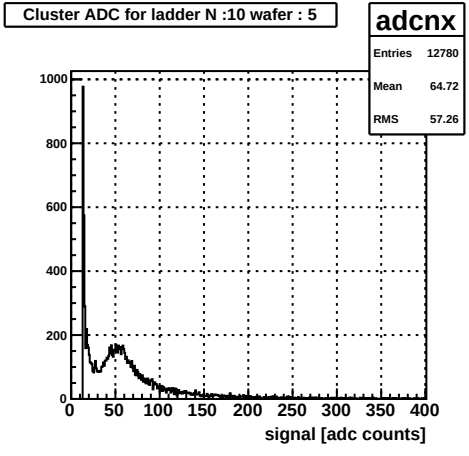

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 18337
Mean 56.88
RMS 54.97
signal [adc counts]

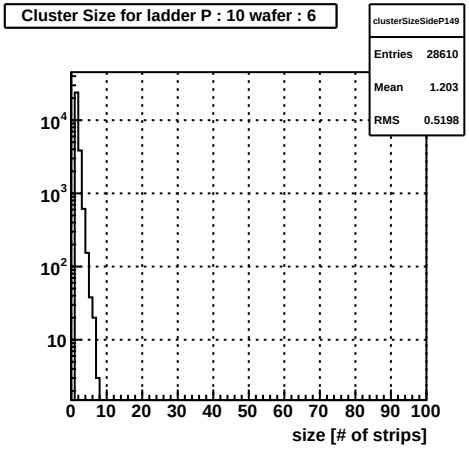

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 26440
Mean 1.204
RMS 0.5162
size [# of strips]

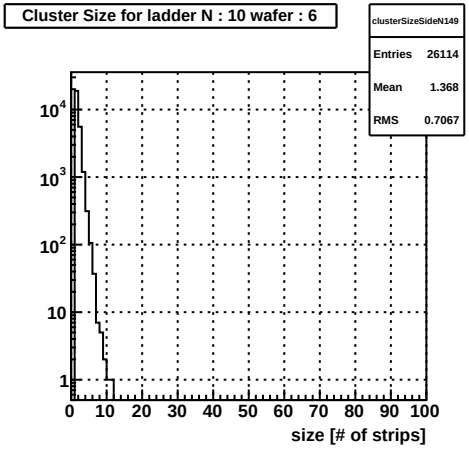

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 12780
Mean 1.464
RMS 0.7723
size [# of strips]

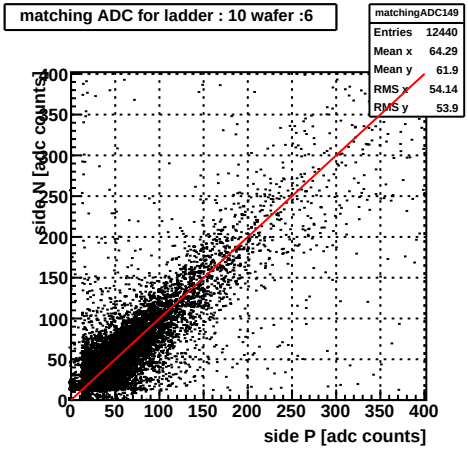

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 8484
Mean x 72.27
Mean y 68.81
RMS x 55.25
RMS y 55.67
side N [adc counts]
side P [adc counts]

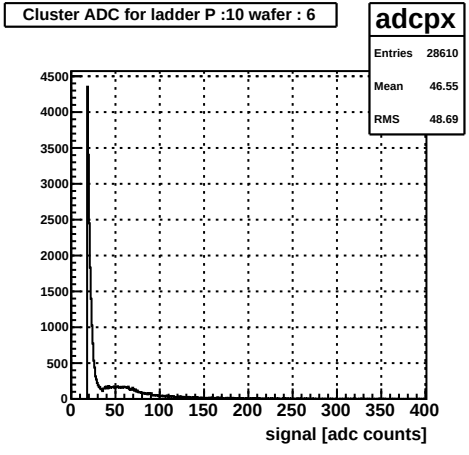

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 26440
Mean 52.08
RMS 51.73
signal [adc counts]

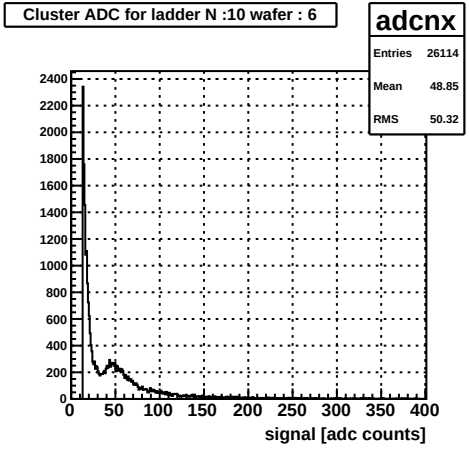

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 12780
Mean 64.72
RMS 57.26
signal [adc counts]

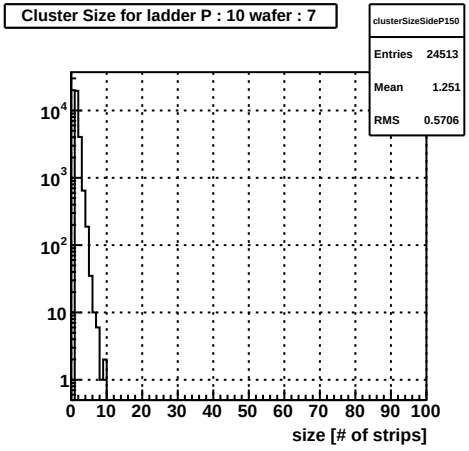

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 28610
Mean 1.203
RMS 0.5198
size [# of strips]

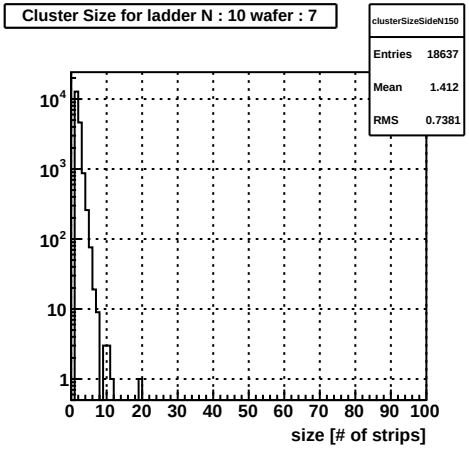

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 26114
Mean 1.368
RMS 0.7067
size [# of strips]

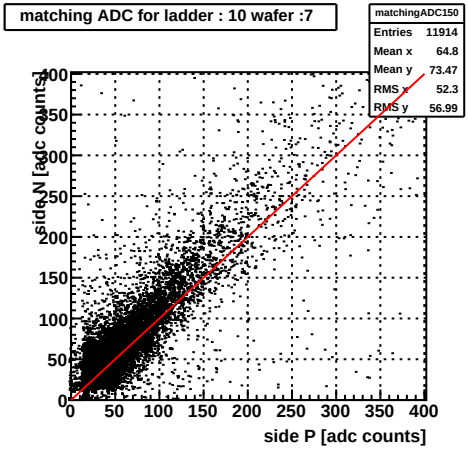

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 12440
Mean x 64.29
Mean y 61.9
RMS x 54.14
RMS y 53.9
side N [adc counts]
side P [adc counts]

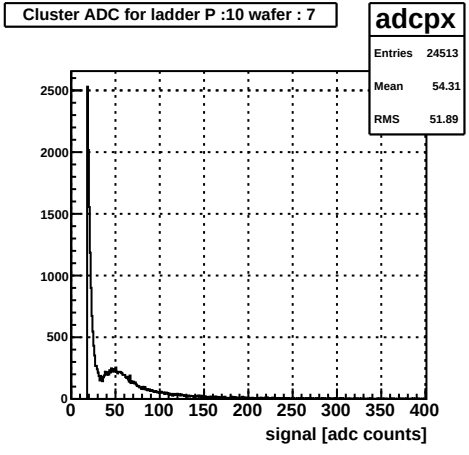

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 28610
Mean 46.55
RMS 48.69
signal [adc counts]

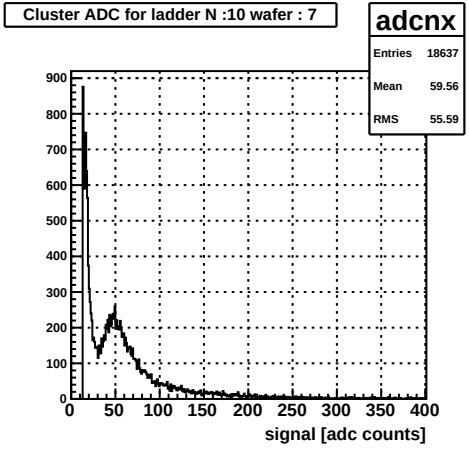

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 26114
Mean 48.85
RMS 50.32
signal [adc counts]

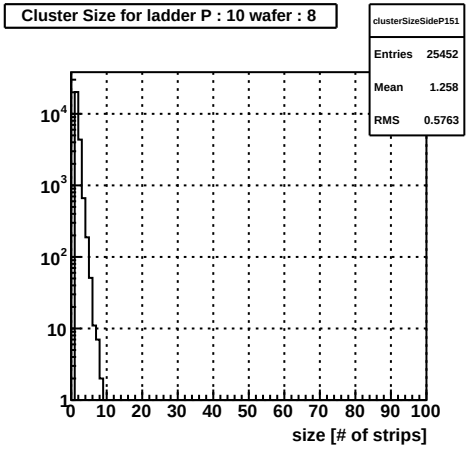

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 24513
Mean 1.251
RMS 0.5706
size [# of strips]

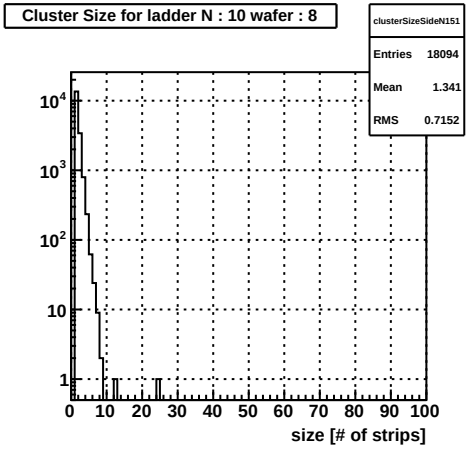

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 18637
Mean 1.412
RMS 0.7381
size [# of strips]

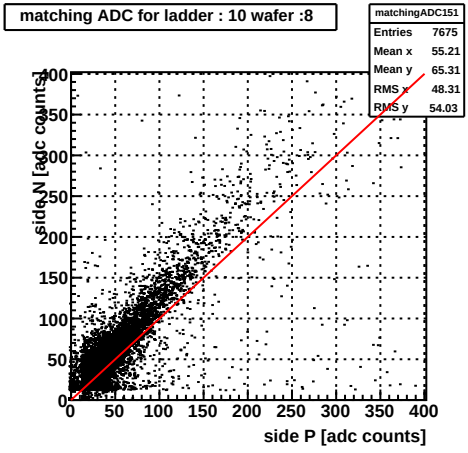

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 11914
Mean x 64.8
Mean y 73.47
RMS x 52.3
RMS y 56.99
side N [adc counts]
side P [adc counts]

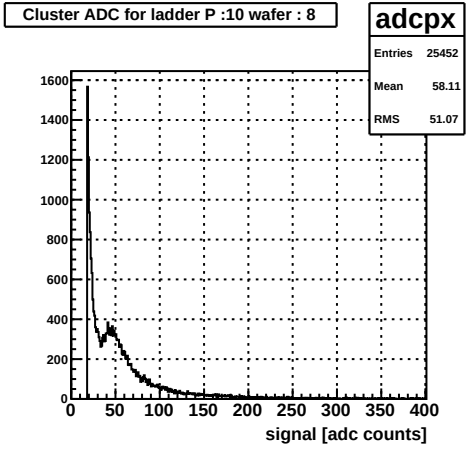

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 24513
Mean 54.31
RMS 51.89
signal [adc counts]

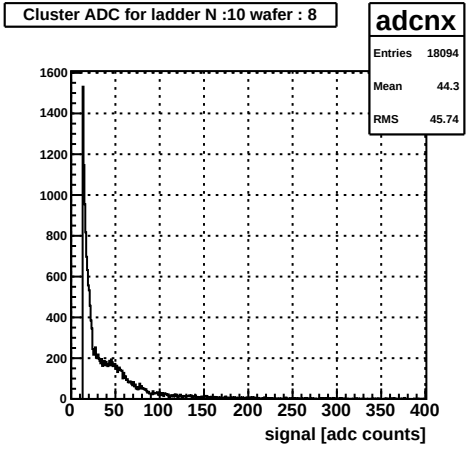

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 18637
Mean 59.56
RMS 55.59
signal [adc counts]

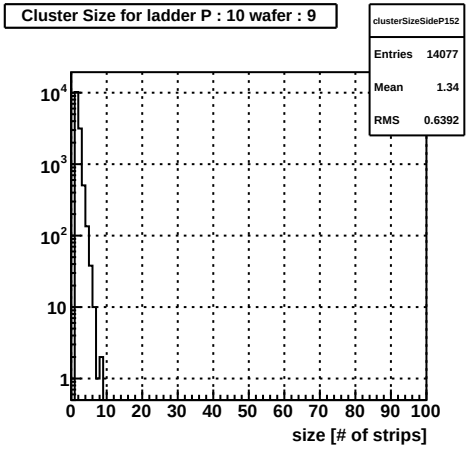

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 25452
Mean 1.258
RMS 0.5763
size [# of strips]

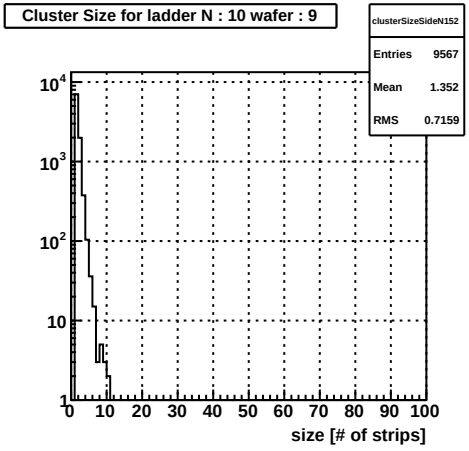

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 18094
Mean 1.341
RMS 0.7152
size [# of strips]

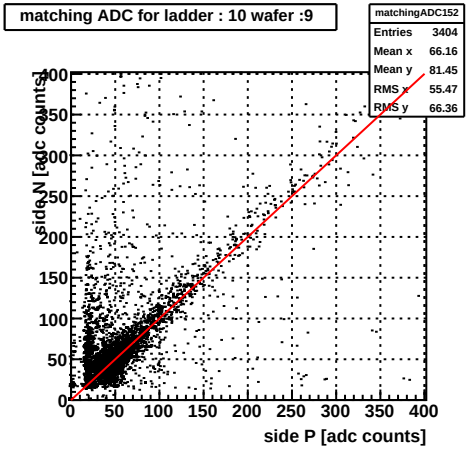

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 7675
Mean x 55.21
Mean y 65.31
RMS x 48.31
RMS y 54.03
side N [adc counts]
side P [adc counts]

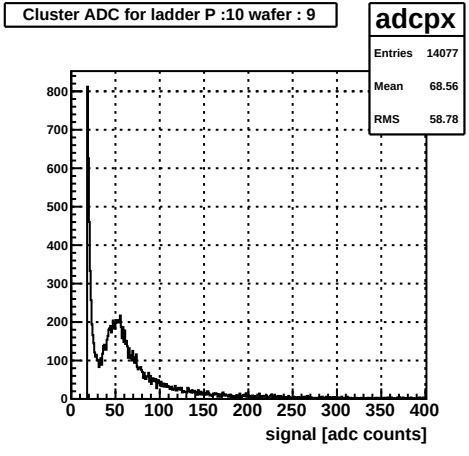

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 25452
Mean 58.11
RMS 51.07
signal [adc counts]

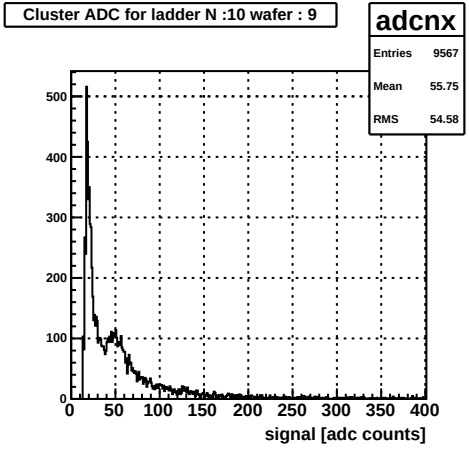

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 18094
Mean 44.3
RMS 45.74
signal [adc counts]

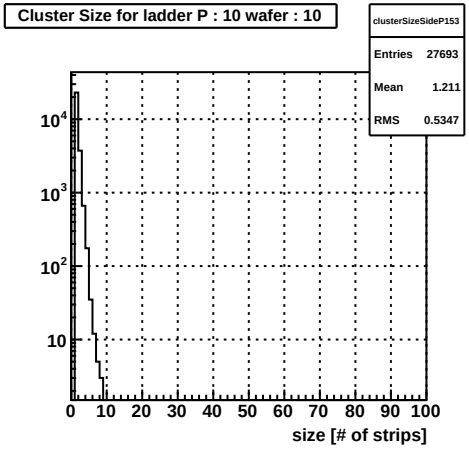

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 14077
Mean 1.34
RMS 0.6392
size [# of strips]

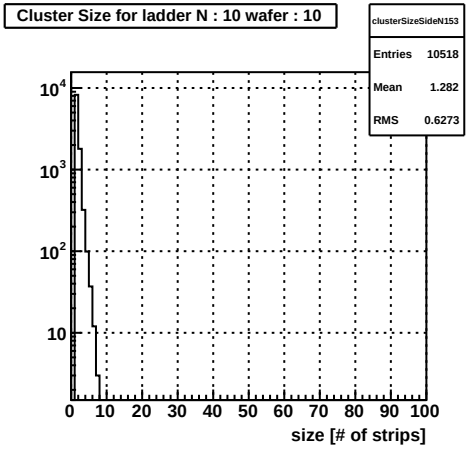

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 9567
Mean 1.352
RMS 0.7159
size [# of strips]

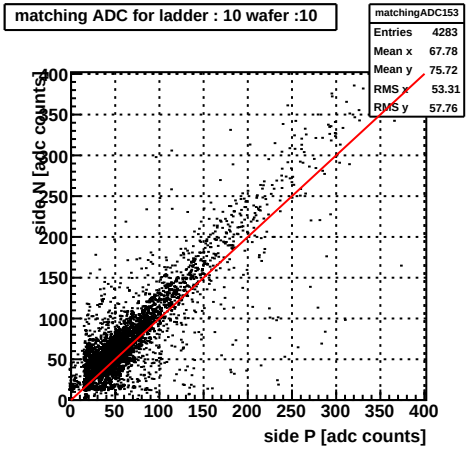

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 3404
Mean x 66.16
Mean y 81.45
RMS x 55.47
RMS y 66.36
side N [adc counts]
side P [adc counts]

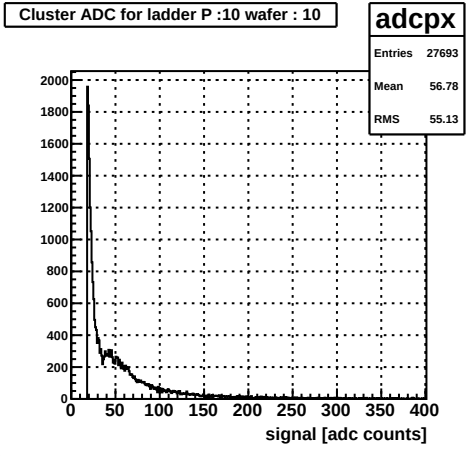

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 14077
Mean 68.56
RMS 58.78
signal [adc counts]

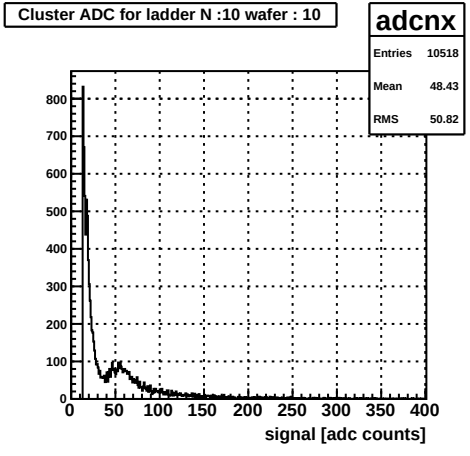

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 9567
Mean 55.75
RMS 54.58
signal [adc counts]

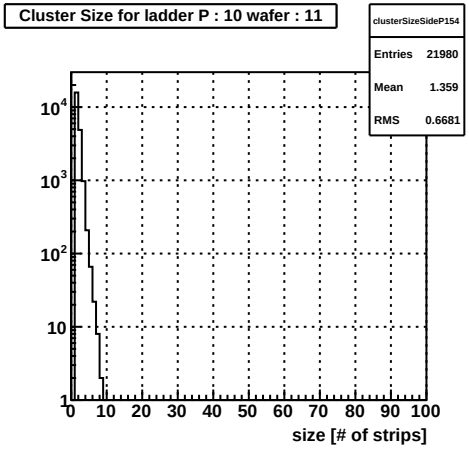

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 27693
Mean 1.211
RMS 0.5347
size [# of strips]

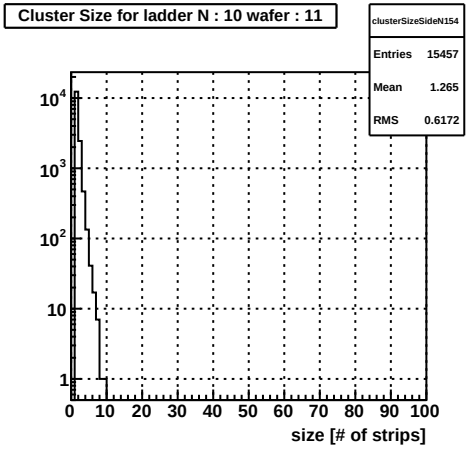

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 10518
Mean 1.282
RMS 0.6273
size [# of strips]

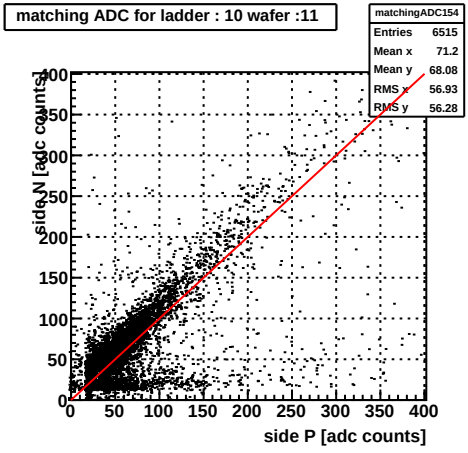

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 4283
Mean x 67.78
Mean y 75.72
RMS x 53.31
RMS y 57.76
side N [adc counts]
side P [adc counts]

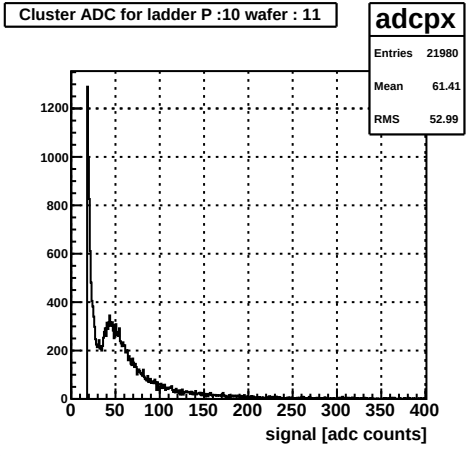

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 27693
Mean 56.78
RMS 55.13
signal [adc counts]

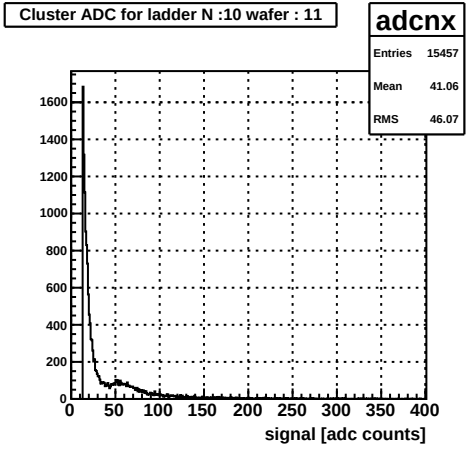

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 10518
Mean 48.43
RMS 50.82
signal [adc counts]

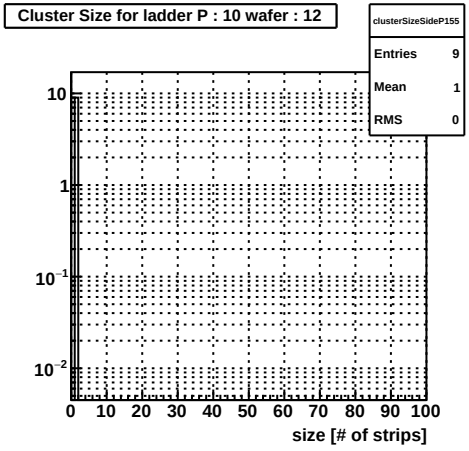

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 21980
Mean 1.359
RMS 0.6681
size [# of strips]

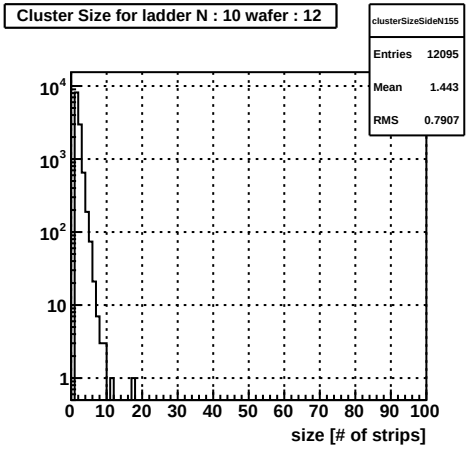

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 15457
Mean 1.265
RMS 0.6172
size [# of strips]

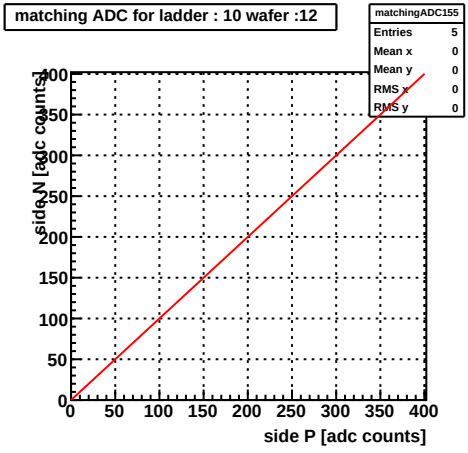

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 6515
Mean x 71.2
Mean y 68.08
RMS x 56.93
RMS y 56.28
side N [adc counts]
side P [adc counts]

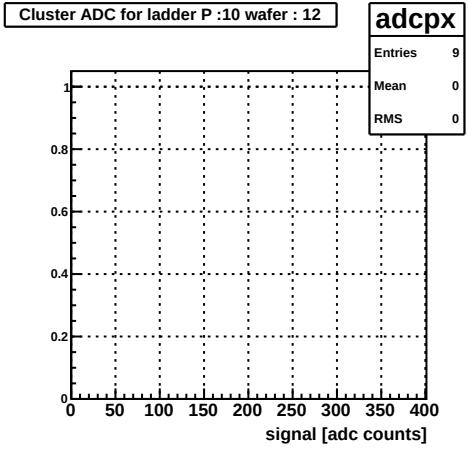

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 21980
Mean 61.41
RMS 52.99
signal [adc counts]

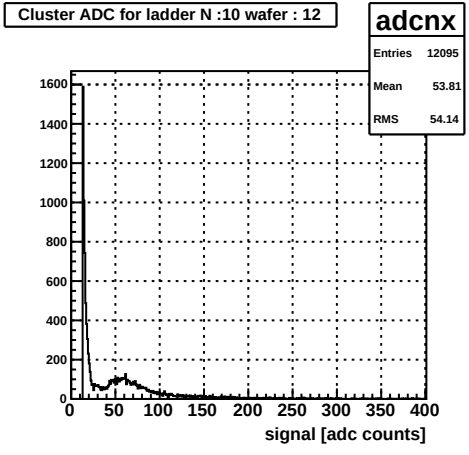

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 15457
Mean 41.06
RMS 46.07
signal [adc counts]

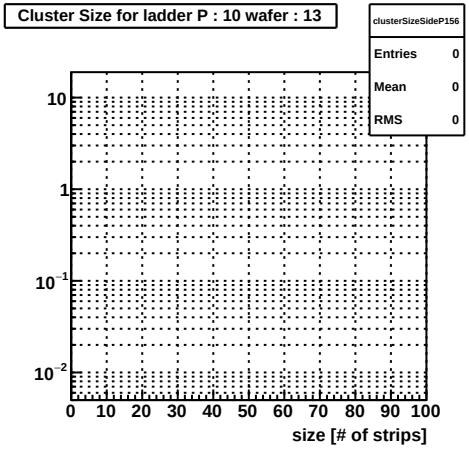

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 9
Mean 1
RMS 0
size [# of strips]

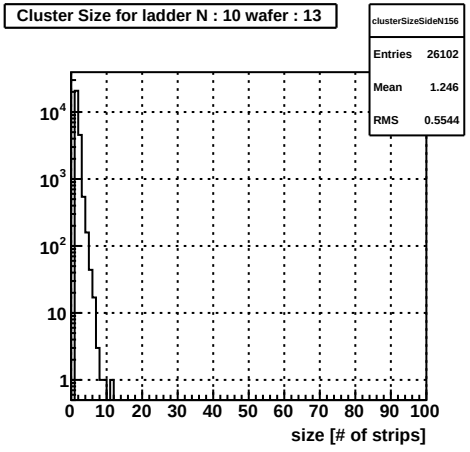

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 12095
Mean 1.443
RMS 0.7907
size [# of strips]

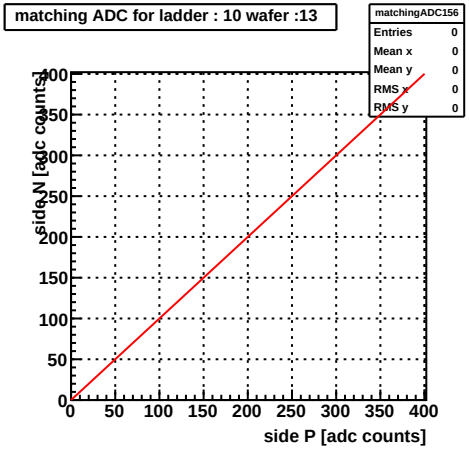

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

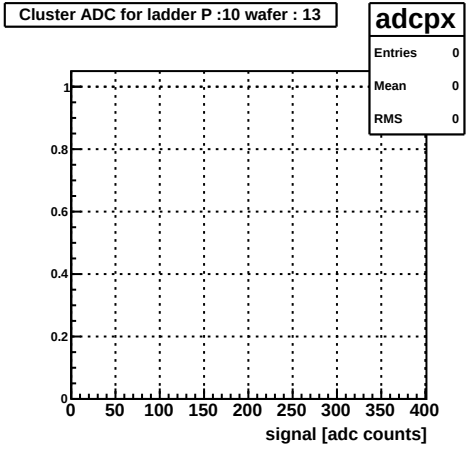

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

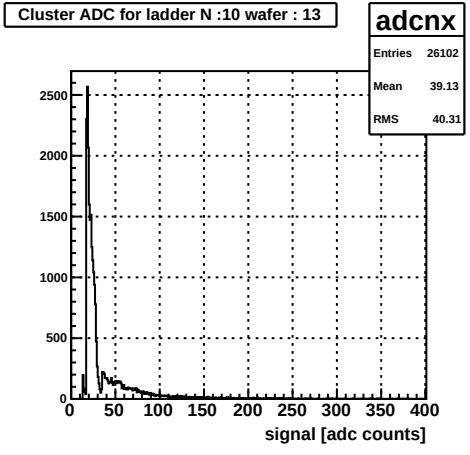

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 12095
Mean 53.81
RMS 54.14
signal [adc counts]

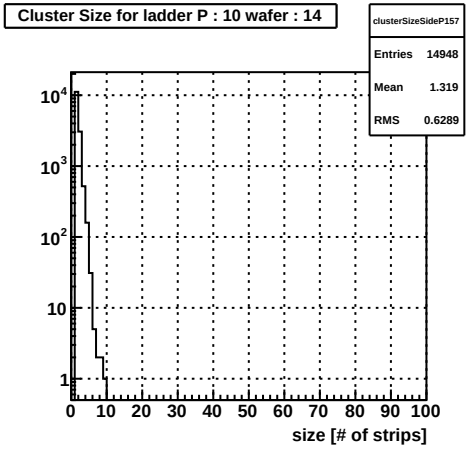

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

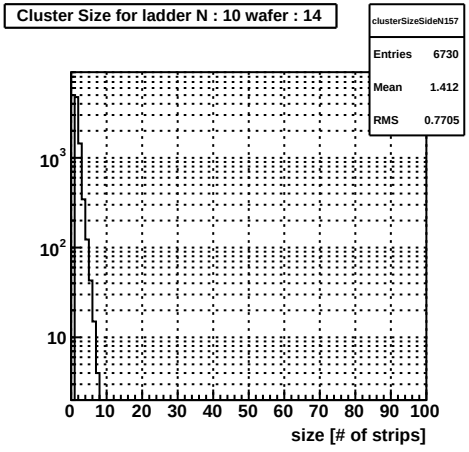

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 26102
Mean 1.246
RMS 0.5544
size [# of strips]

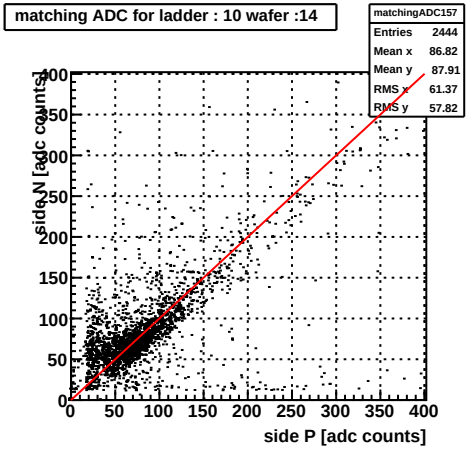

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

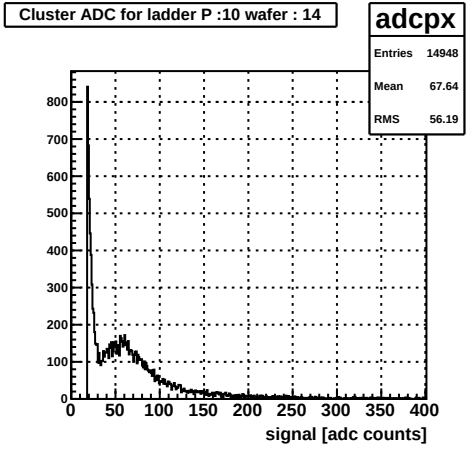

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

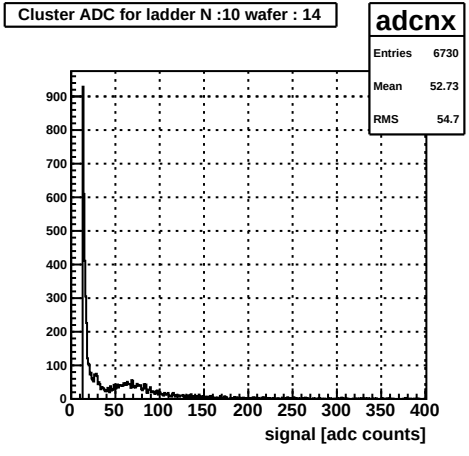

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 26102
Mean 39.13
RMS 40.31
signal [adc counts]

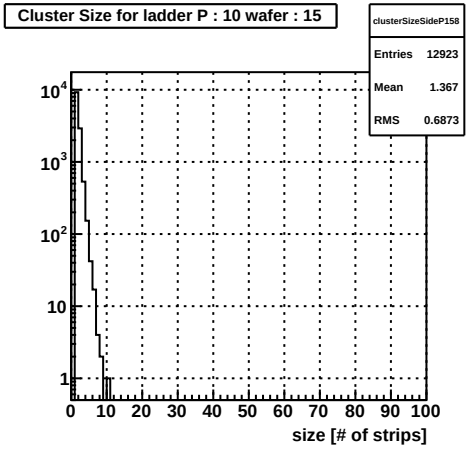

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 14948
Mean 1.319
RMS 0.6289
size [# of strips]

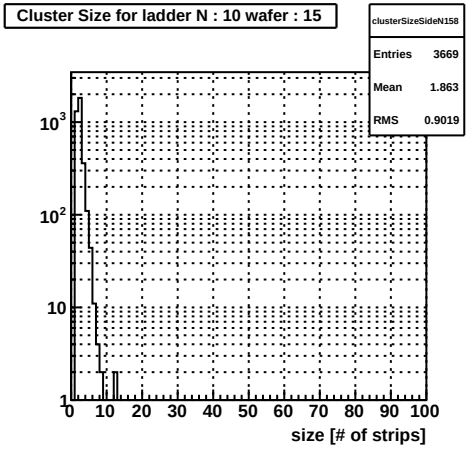

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 6730
Mean 1.412
RMS 0.7705
size [# of strips]

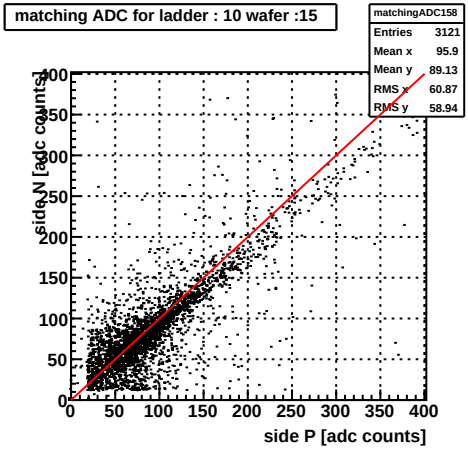

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2444
Mean x 86.82
Mean y 87.91
RMS x 61.37
RMS y 57.82
side N [adc counts]
side P [adc counts]

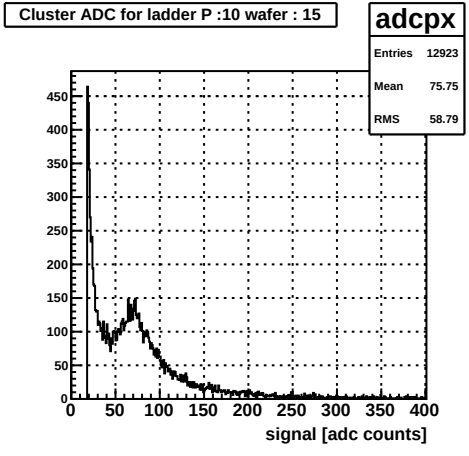

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 14948
Mean 67.64
RMS 56.19
signal [adc counts]

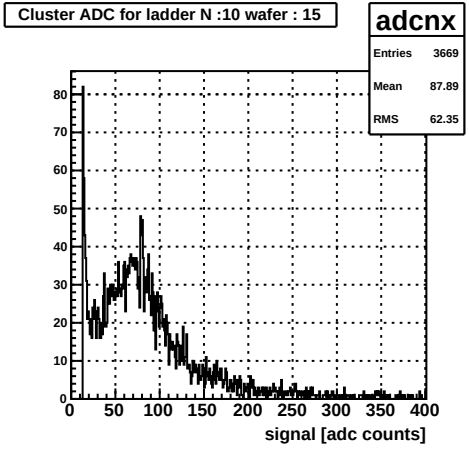

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 6730
Mean 52.73
RMS 54.7
signal [adc counts]

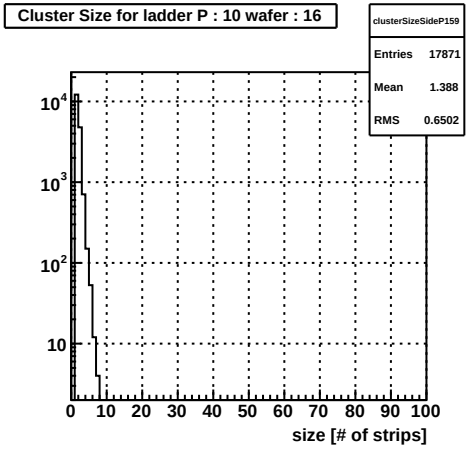

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 12923
Mean 1.367
RMS 0.6873
size [# of strips]

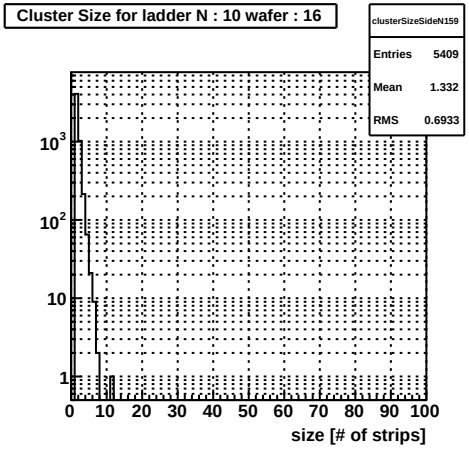

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 3669
Mean 1.863
RMS 0.9019
size [# of strips]

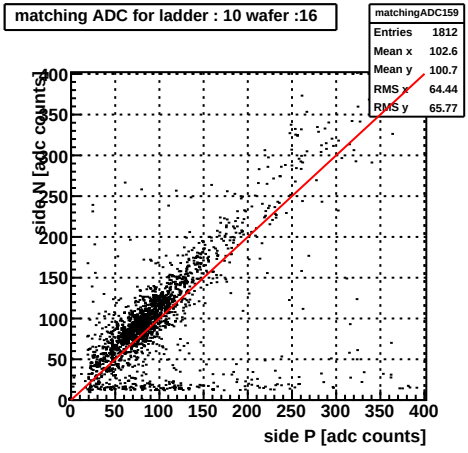

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 3121
Mean x 95.9
Mean y 89.13
RMS x 60.87
RMS y 58.94
side N [adc counts]
side P [adc counts]

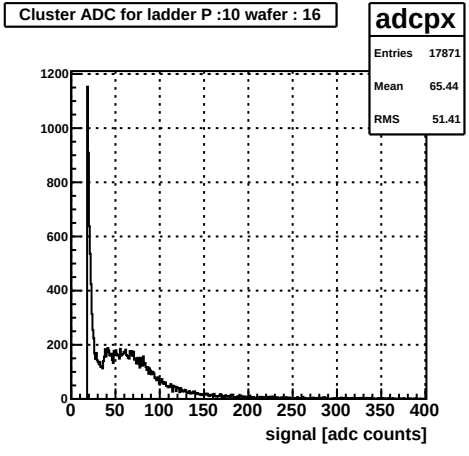

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 12923
Mean 75.75
RMS 58.79
signal [adc counts]

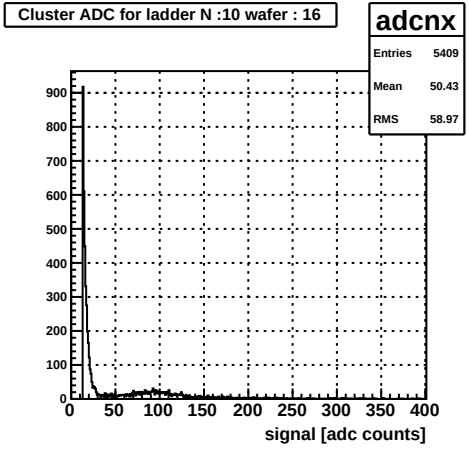

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 3669
Mean 87.89
RMS 62.35
signal [adc counts]

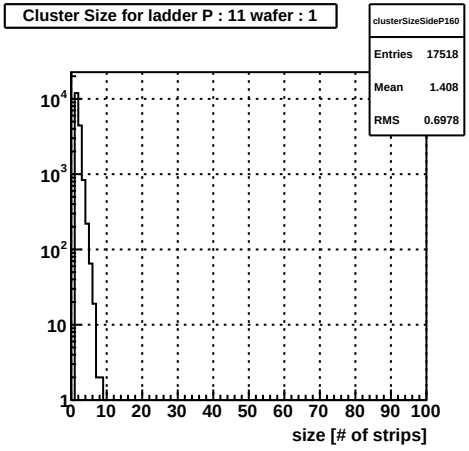

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 17871
Mean 1.388
RMS 0.6502
size [# of strips]

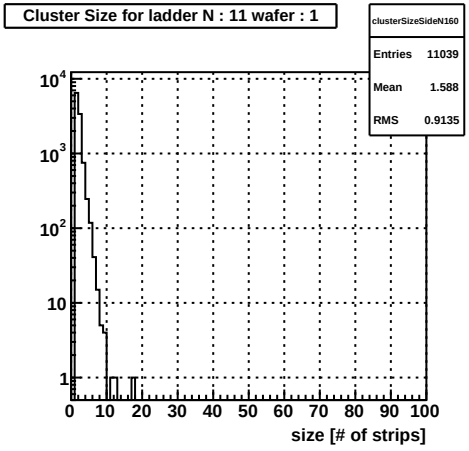

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 5409
Mean 1.332
RMS 0.6933
size [# of strips]

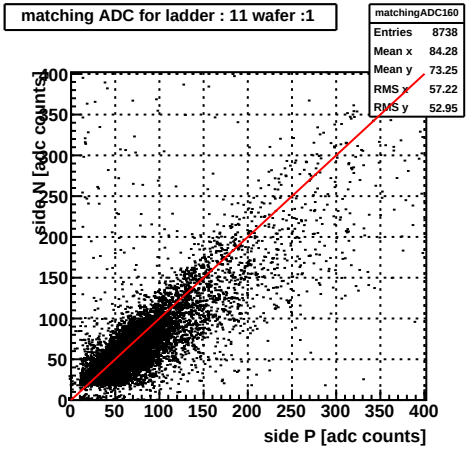

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1812
Mean x 102.6
Mean y 100.7
RMS x 64.44
RMS y 65.77
side N [adc counts]
side P [adc counts]

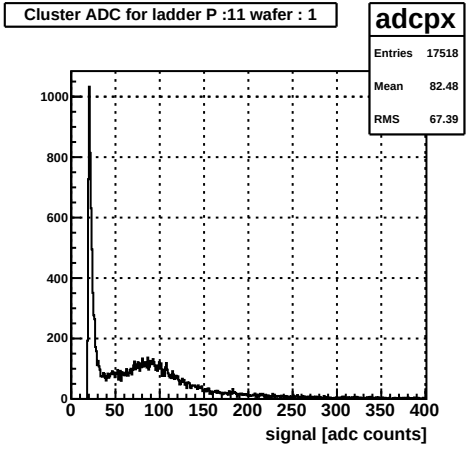

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 17871
Mean 65.44
RMS 51.41
signal [adc counts]

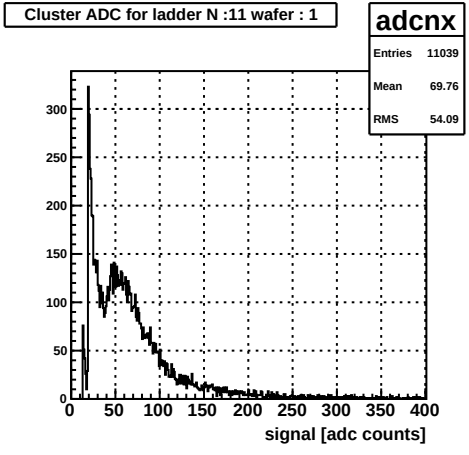

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 5409
Mean 50.43
RMS 58.97
signal [adc counts]

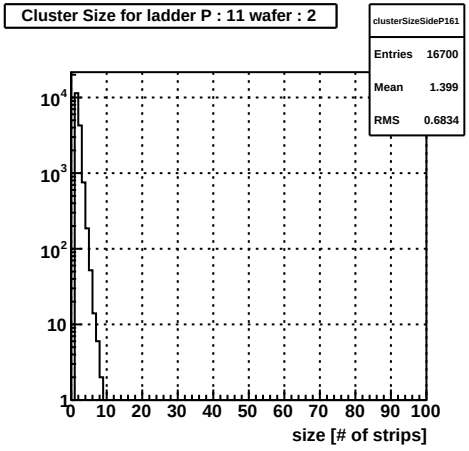

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 17518
Mean 1.408
RMS 0.6978
size [# of strips]

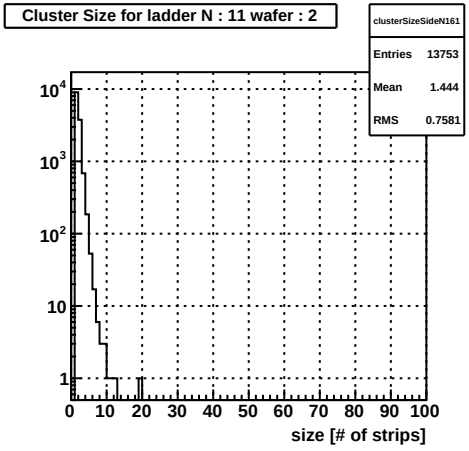

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 11039
Mean 1.588
RMS 0.9135
size [# of strips]

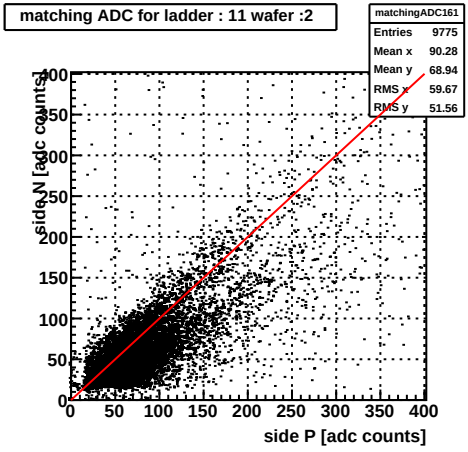

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 8738
Mean x 84.28
Mean y 73.25
RMS x 57.22
RMS y 52.95
side N [adc counts]
side P [adc counts]

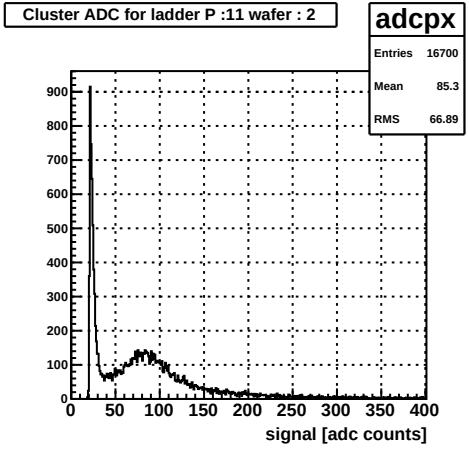

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 17518
Mean 82.48
RMS 67.39
signal [adc counts]

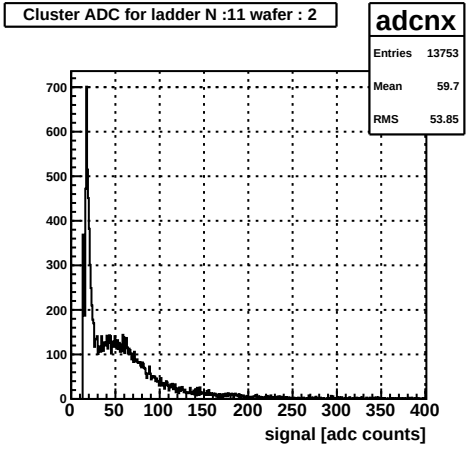

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 11039
Mean 69.76
RMS 54.09
signal [adc counts]

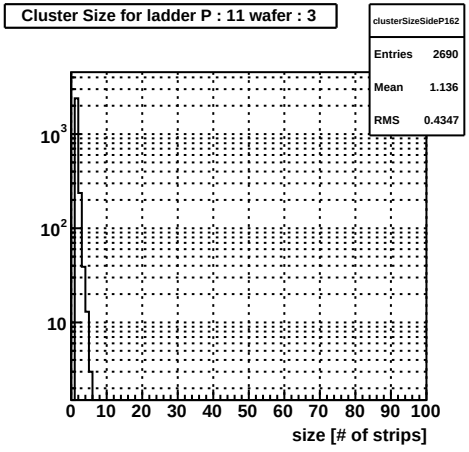

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 16700
Mean 1.399
RMS 0.6834
size [# of strips]

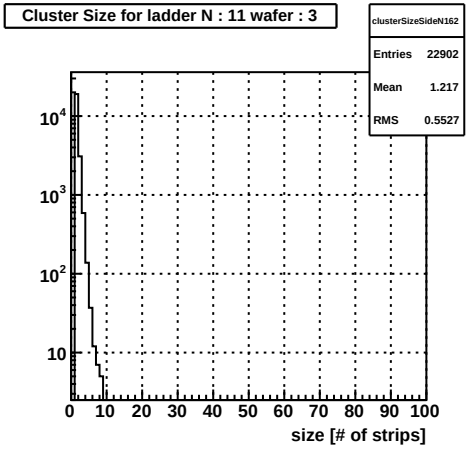

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 13753
Mean 1.444
RMS 0.7581
size [# of strips]

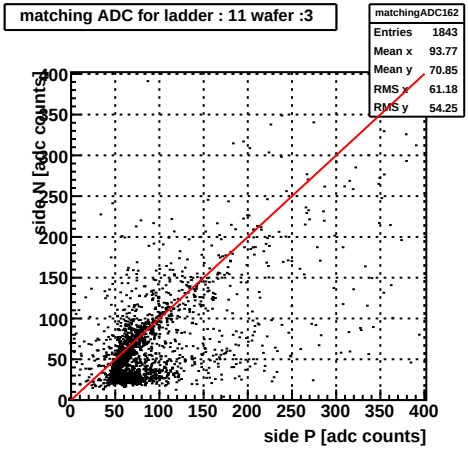

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 9775
Mean x 90.28
Mean y 68.94
RMS x 59.67
RMS y 51.56
side N [adc counts]
side P [adc counts]

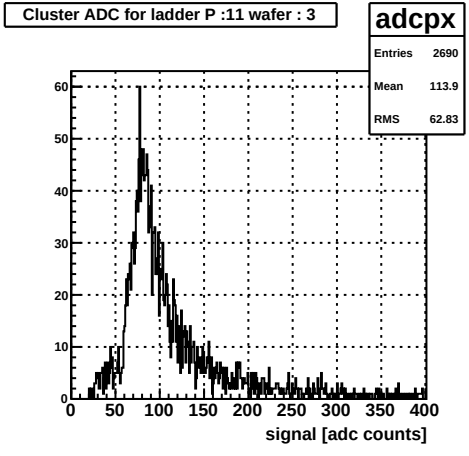

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 16700
Mean 85.3
RMS 66.89
signal [adc counts]

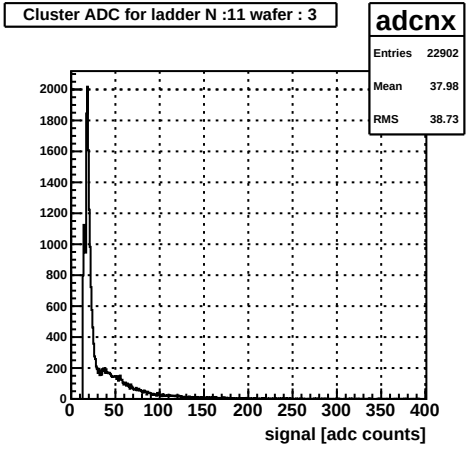

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 13753
Mean 59.7
RMS 53.85
signal [adc counts]

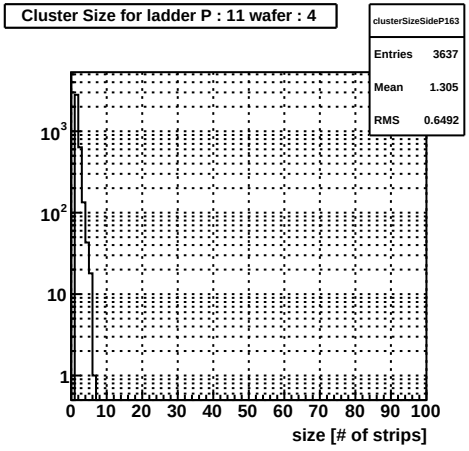

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 2690
Mean 1.136
RMS 0.4347
size [# of strips]

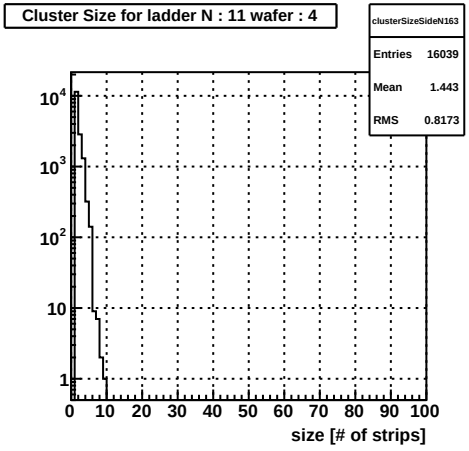

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 22902
Mean 1.217
RMS 0.5527
size [# of strips]

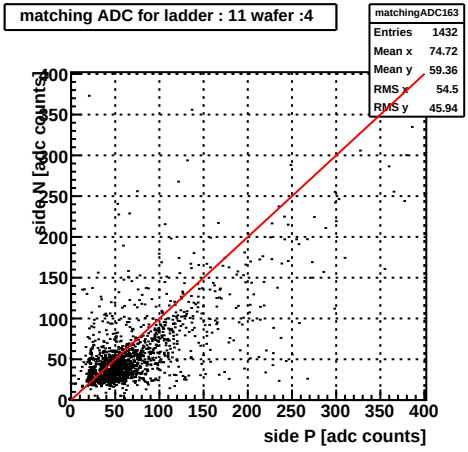

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1843
Mean x 93.77
Mean y 70.85
RMS x 61.18
RMS y 54.25
side N [adc counts]
side P [adc counts]

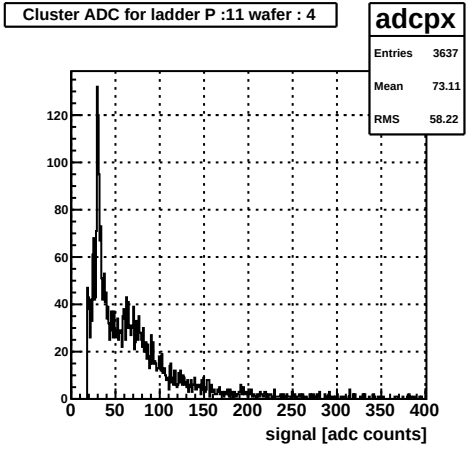

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 2690
Mean 113.9
RMS 62.83
signal [adc counts]

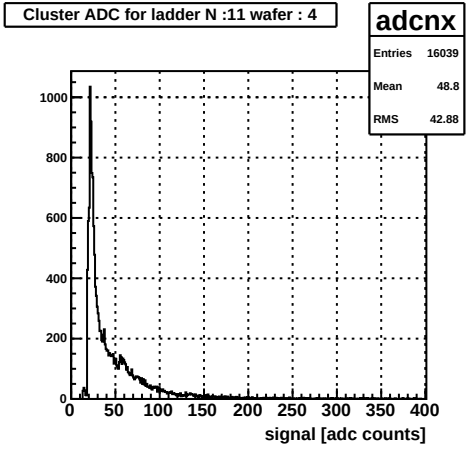

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 22902
Mean 37.98
RMS 38.73
signal [adc counts]

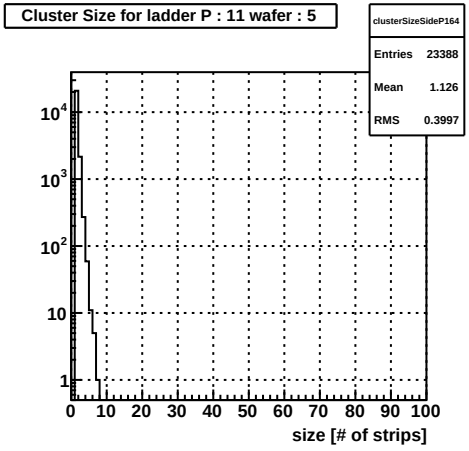

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3637
Mean 1.305
RMS 0.6492
size [# of strips]

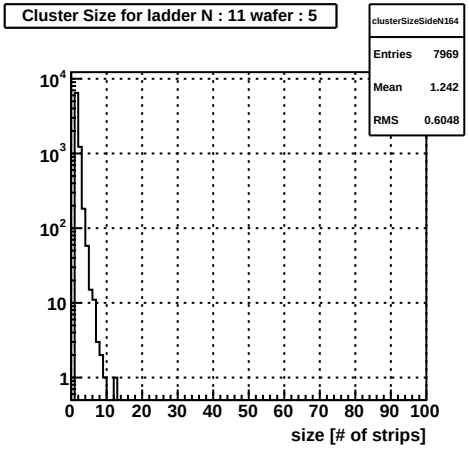

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 16039
Mean 1.443
RMS 0.8173
size [# of strips]

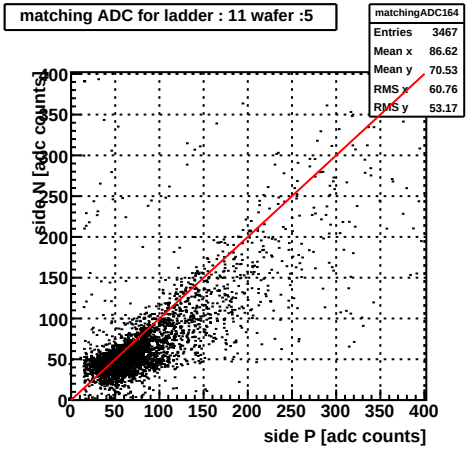

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1432
Mean x 74.72
Mean y 59.36
RMS x 54.5
RMS y 45.94
side N [adc counts]
side P [adc counts]

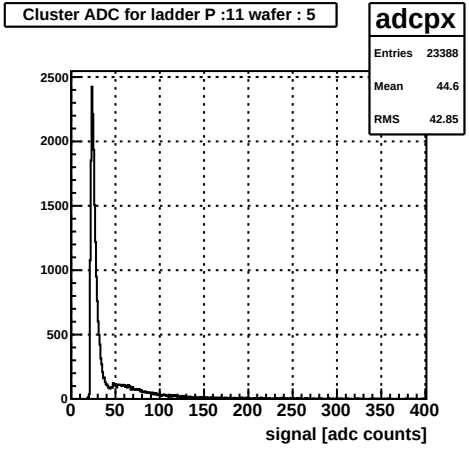

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3637
Mean 73.11
RMS 58.22
signal [adc counts]

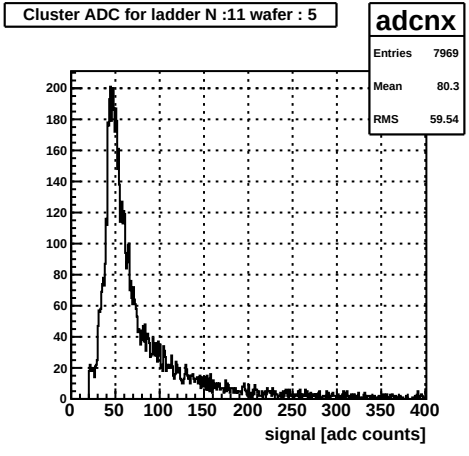

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 16039
Mean 48.8
RMS 42.88
signal [adc counts]

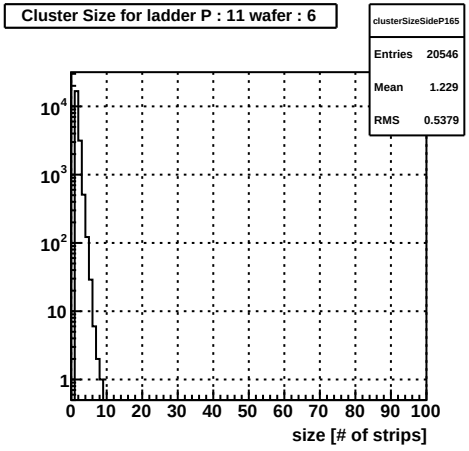

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 23388
Mean 1.126
RMS 0.3997
size [# of strips]

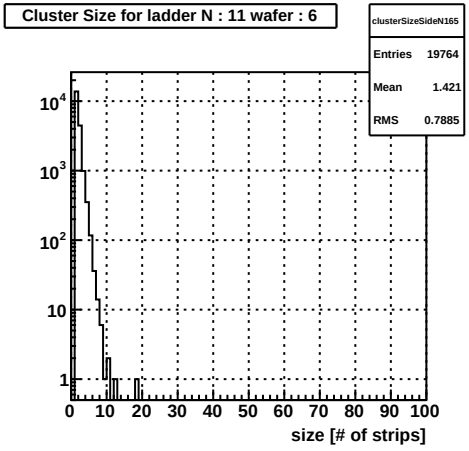

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 7969
Mean 1.242
RMS 0.6048
size [# of strips]

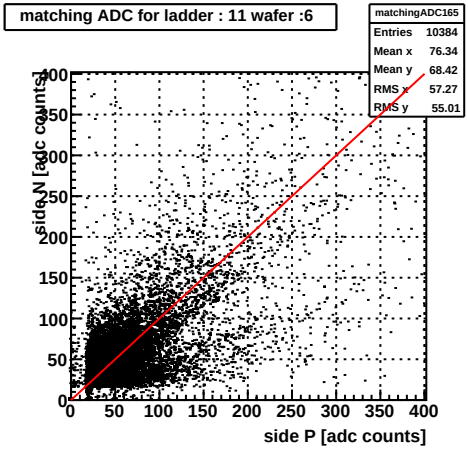

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 3467
Mean x 86.62
Mean y 70.53
RMS x 60.76
RMS y 53.17
side N [adc counts]
side P [adc counts]

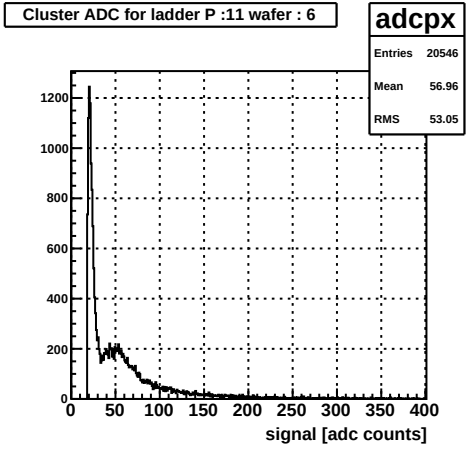

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 23388
Mean 44.6
RMS 42.85
signal [adc counts]

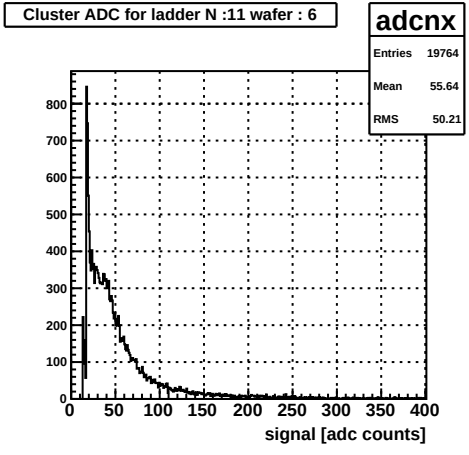

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 7969
Mean 80.3
RMS 59.54
signal [adc counts]

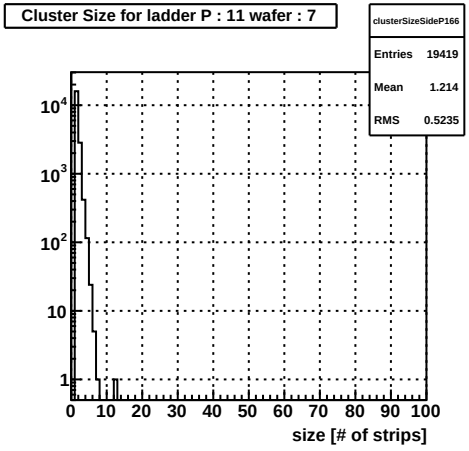

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 20546
Mean 1.229
RMS 0.5379
size [# of strips]

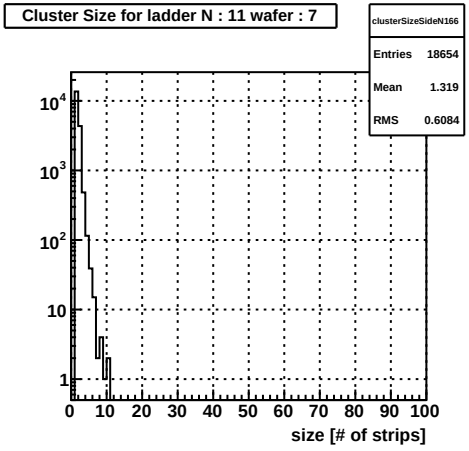

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 19764
Mean 1.421
RMS 0.7885
size [# of strips]

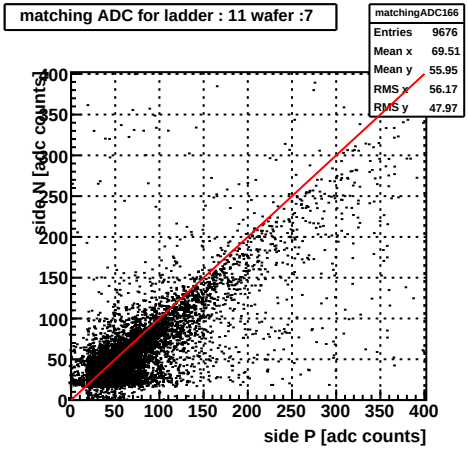

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 10384
Mean x 76.34
Mean y 68.42
RMS x 57.27
RMS y 55.01
side N [adc counts]
side P [adc counts]

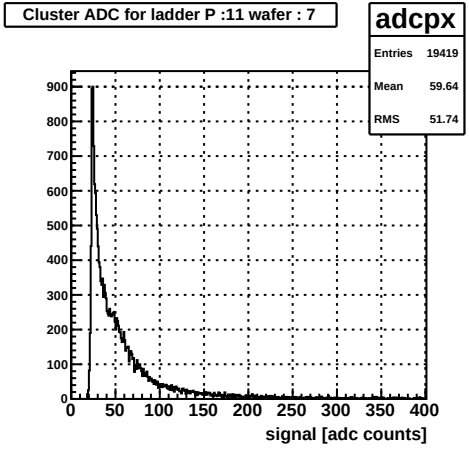

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 20546
Mean 56.96
RMS 53.05
signal [adc counts]

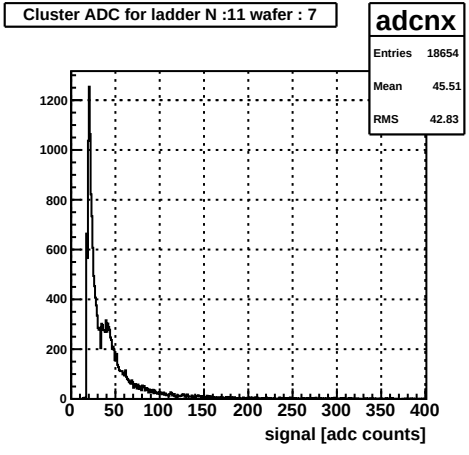

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 19764
Mean 55.64
RMS 50.21
signal [adc counts]

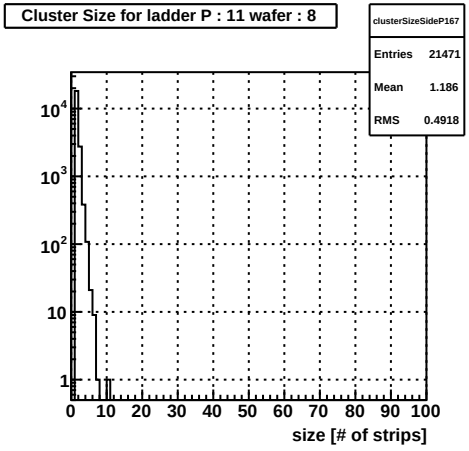

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 19419
Mean 1.214
RMS 0.5235
size [# of strips]

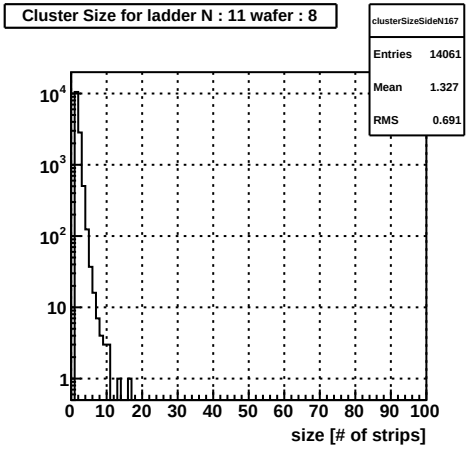

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 18654
Mean 1.319
RMS 0.6084
size [# of strips]

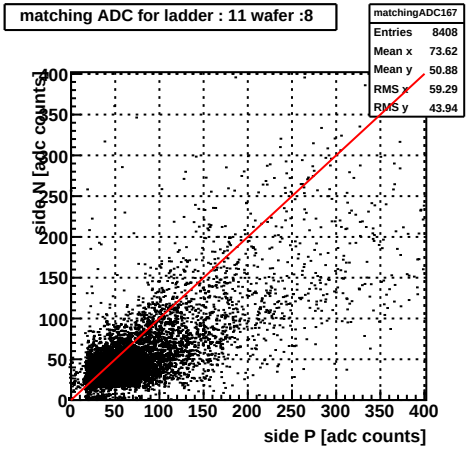

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 9676
Mean x 69.51
Mean y 55.95
RMS x 56.17
RMS y 47.97
side N [adc counts]
side P [adc counts]

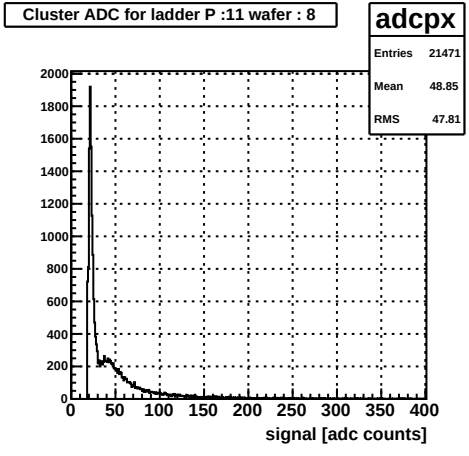

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 19419
Mean 59.64
RMS 51.74
signal [adc counts]

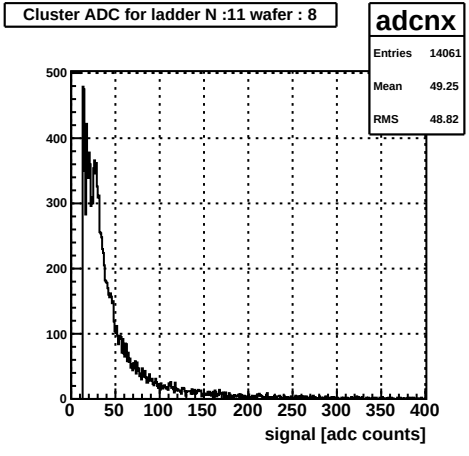

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 18654
Mean 45.51
RMS 42.83
signal [adc counts]

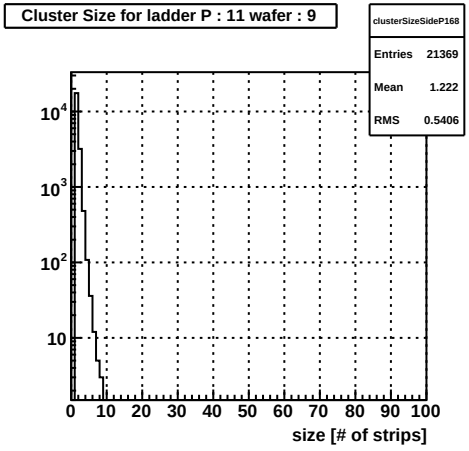

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 21471
Mean 1.186
RMS 0.4918
size [# of strips]

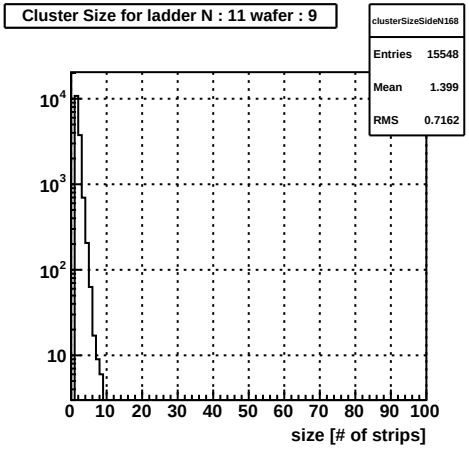

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 14061
Mean 1.327
RMS 0.691
size [# of strips]

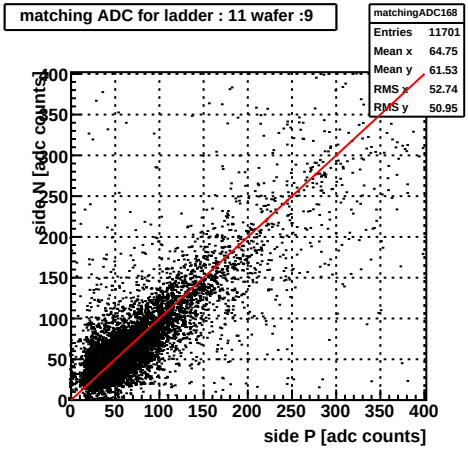

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 8408
Mean x 73.62
Mean y 50.88
RMS x 59.29
RMS y 43.94
side N [adc counts]
side P [adc counts]

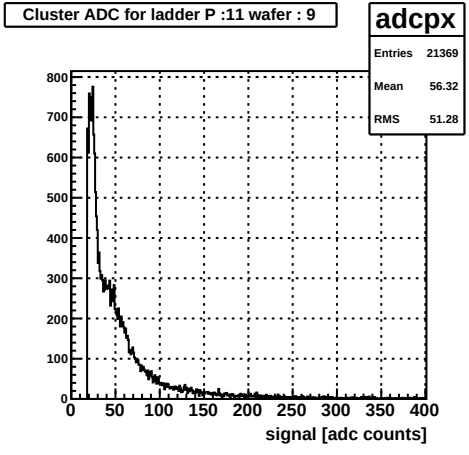

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 21471
Mean 48.85
RMS 47.81
signal [adc counts]

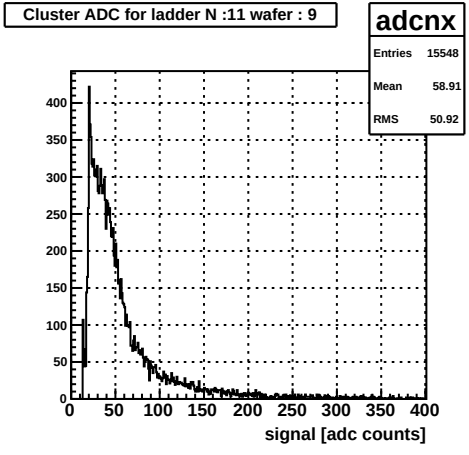

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 14061
Mean 49.25
RMS 48.82
signal [adc counts]

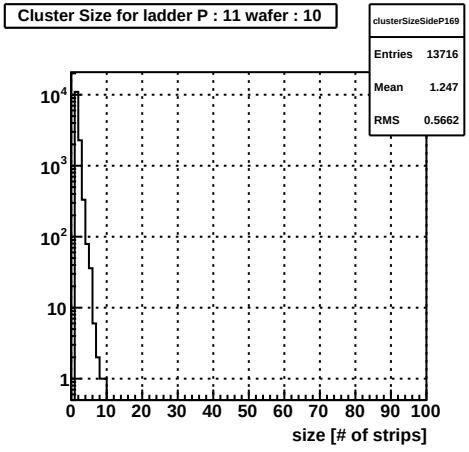

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 21369
Mean 1.222
RMS 0.5406
size [# of strips]

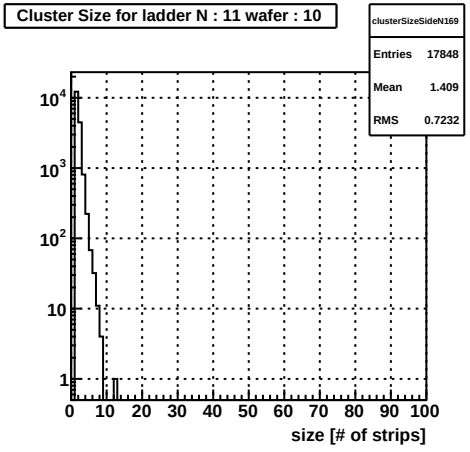

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 15548
Mean 1.399
RMS 0.7162
size [# of strips]

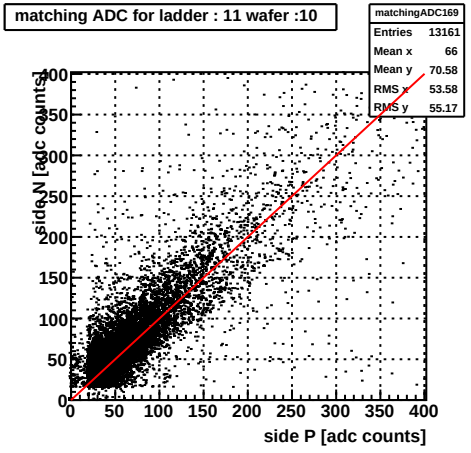

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 11701
Mean x 64.75
Mean y 61.53
RMS x 52.74
RMS y 50.95
side N [adc counts]
side P [adc counts]

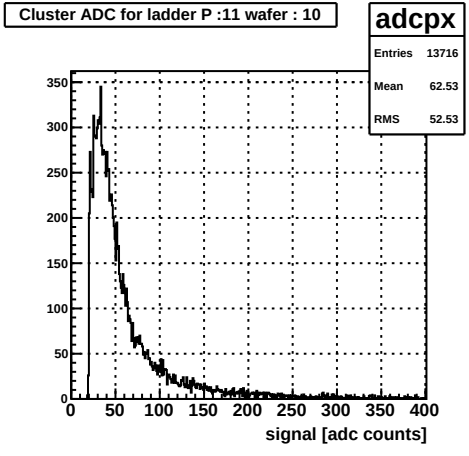

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 21369
Mean 56.32
RMS 51.28
signal [adc counts]

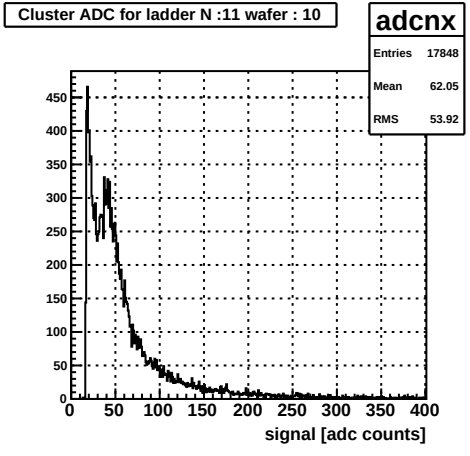

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 15548
Mean 58.91
RMS 50.92
signal [adc counts]

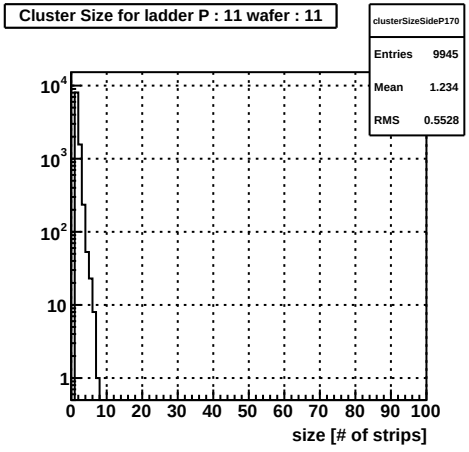

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 13716
Mean 1.247
RMS 0.5662
size [# of strips]

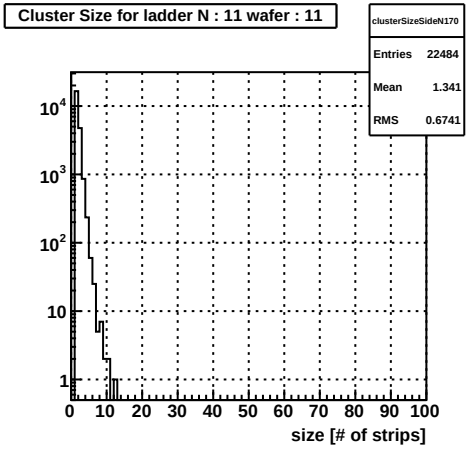

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 17848
Mean 1.409
RMS 0.7232
size [# of strips]

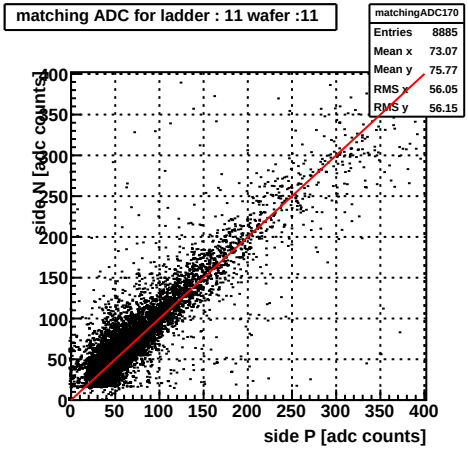

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 13161
Mean x 66
Mean y 70.58
RMS x 53.58
RMS y 55.17
side N [adc counts]
side P [adc counts]

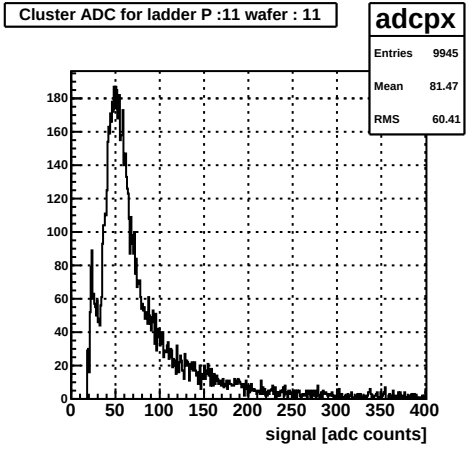

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 13716
Mean 62.53
RMS 52.53
signal [adc counts]

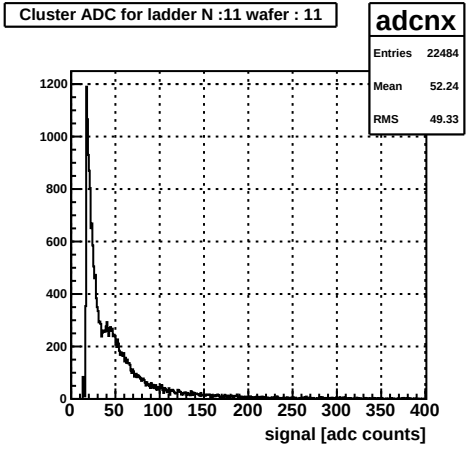

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 17848
Mean 62.05
RMS 53.92
signal [adc counts]

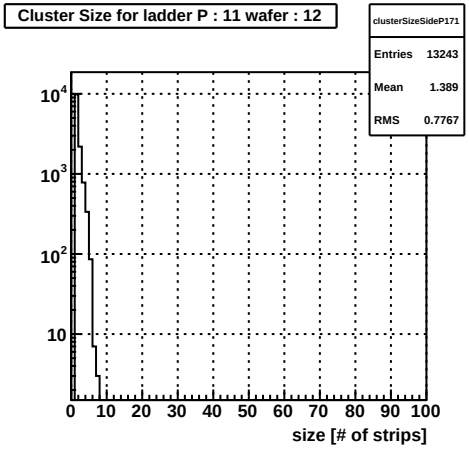

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 9945
Mean 1.234
RMS 0.5528
size [# of strips]

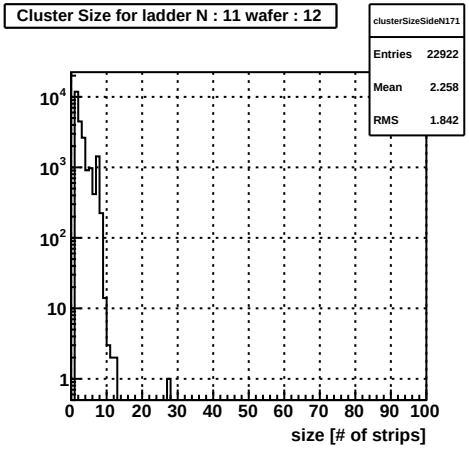

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 22484
Mean 1.341
RMS 0.6741
size [# of strips]

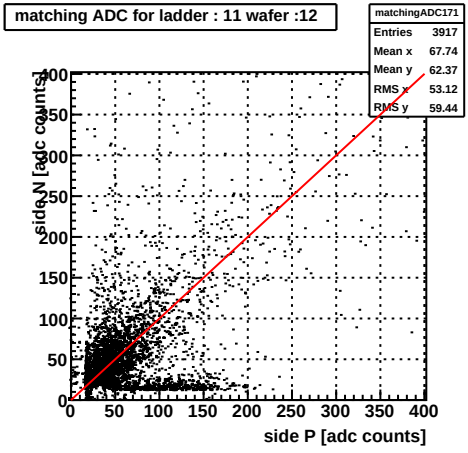

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 8885
Mean x 73.07
Mean y 75.77
RMS x 56.05
RMS y 56.15
side N [adc counts]
side P [adc counts]

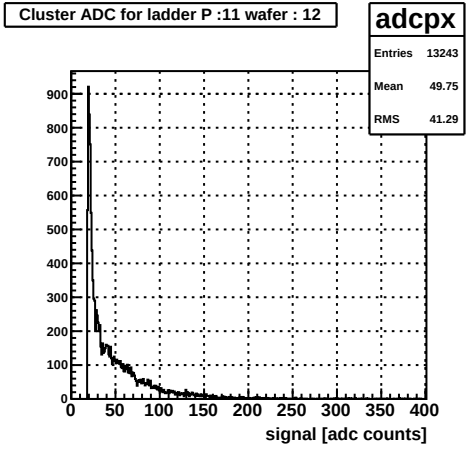

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 9945
Mean 81.47
RMS 60.41
signal [adc counts]

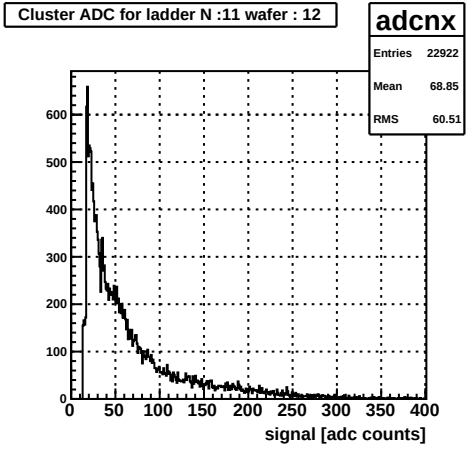

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 22484
Mean 52.24
RMS 49.33
signal [adc counts]

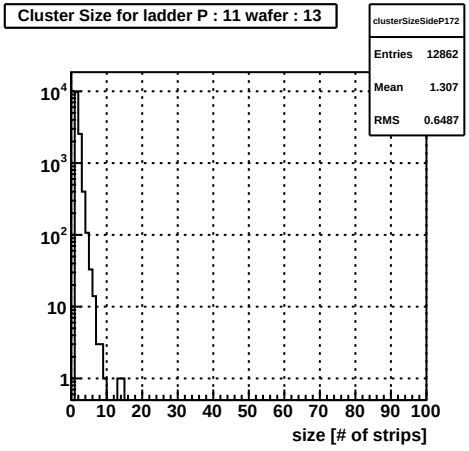

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13243
Mean 1.389
RMS 0.7767
size [# of strips]

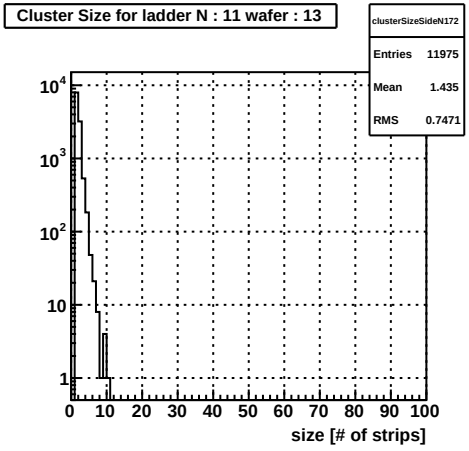

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 22922
Mean 2.258
RMS 1.842
size [# of strips]

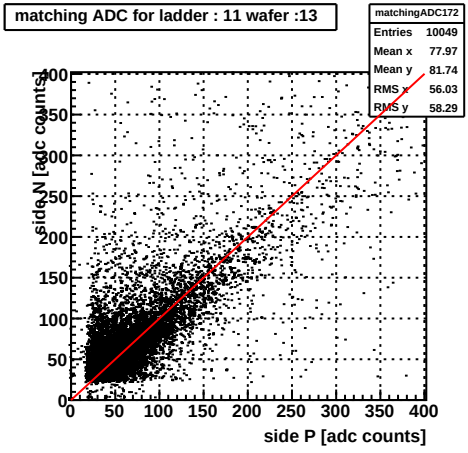

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 3917
Mean x 67.74
Mean y 62.37
RMS x 53.12
RMS y 59.44
side N [adc counts]
side P [adc counts]

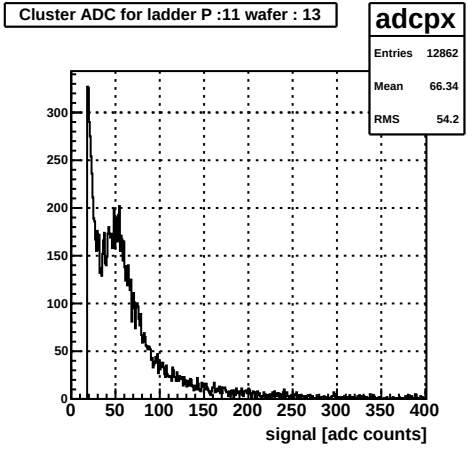

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13243
Mean 49.75
RMS 41.29
signal [adc counts]

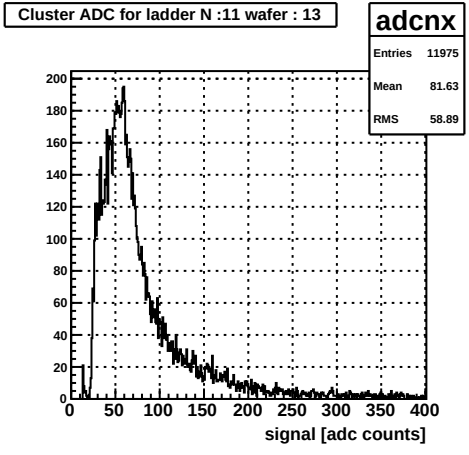

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 22922
Mean 68.85
RMS 60.51
signal [adc counts]

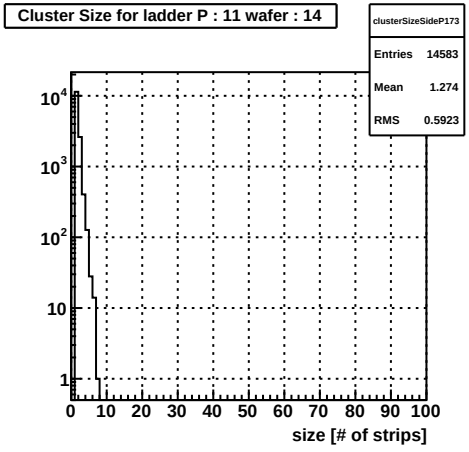

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 12862
Mean 1.307
RMS 0.6487
size [# of strips]

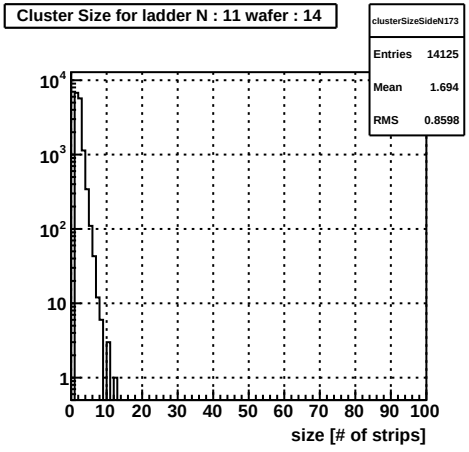

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 11975
Mean 1.435
RMS 0.7471
size [# of strips]

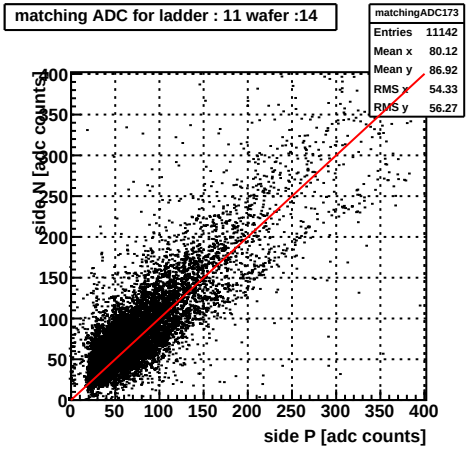

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 10049
Mean x 77.97
Mean y 81.74
RMS x 56.03
RMS y 58.29
side N [adc counts]
side P [adc counts]

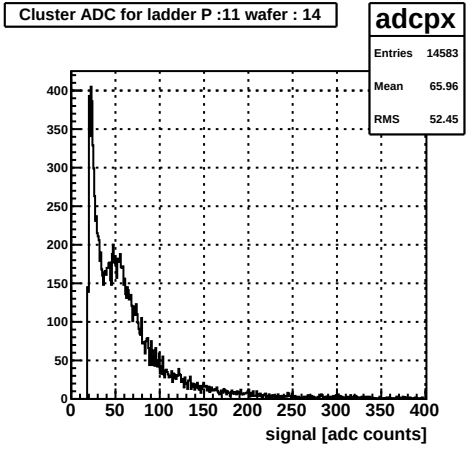

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 12862
Mean 66.34
RMS 54.2
signal [adc counts]

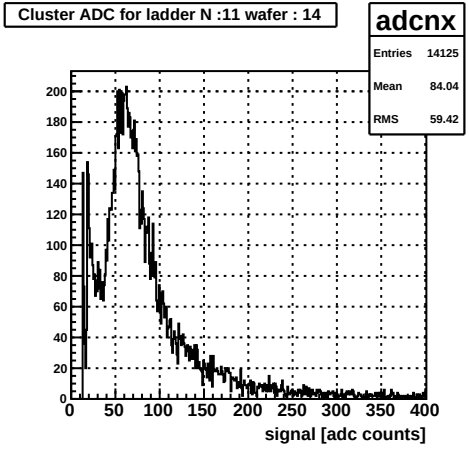

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 11975
Mean 81.63
RMS 58.89
signal [adc counts]

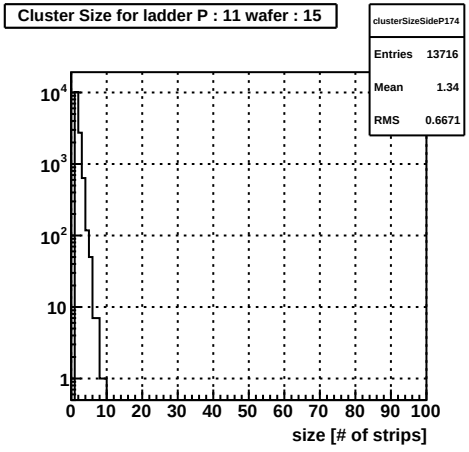

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 14583
Mean 1.274
RMS 0.5923
size [# of strips]

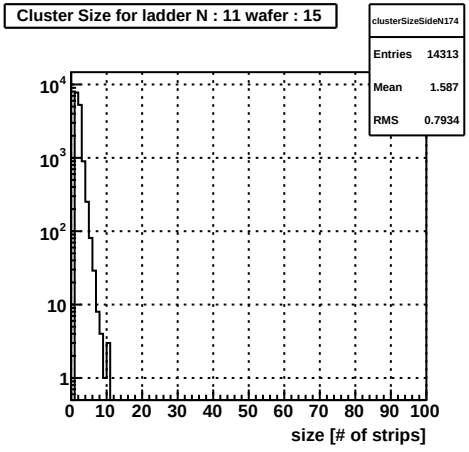

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 14125
Mean 1.694
RMS 0.8598
size [# of strips]

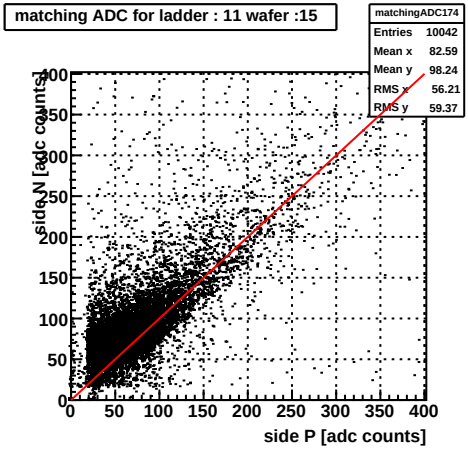

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 11142
Mean x 80.12
Mean y 86.92
RMS x 54.33
RMS y 56.27
side N [adc counts]
side P [adc counts]

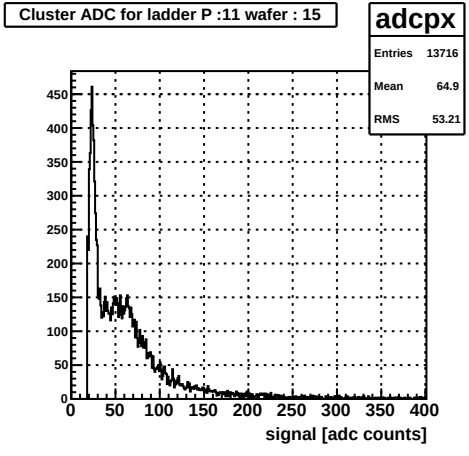

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 14583
Mean 65.96
RMS 52.45
signal [adc counts]

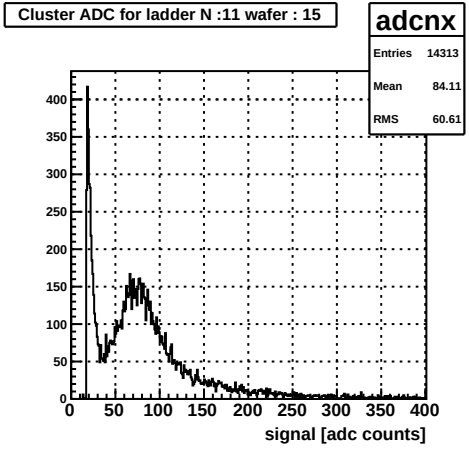

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 14125
Mean 84.04
RMS 59.42
signal [adc counts]

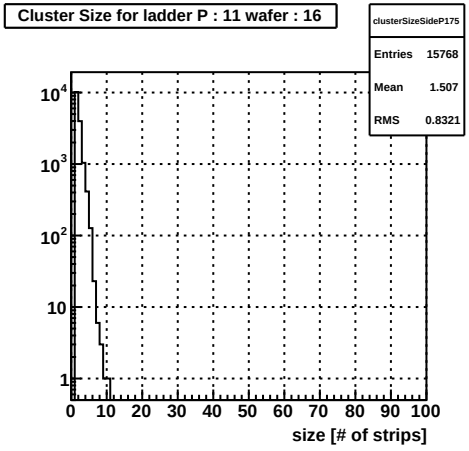

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 13716
Mean 1.34
RMS 0.6671
size [# of strips]

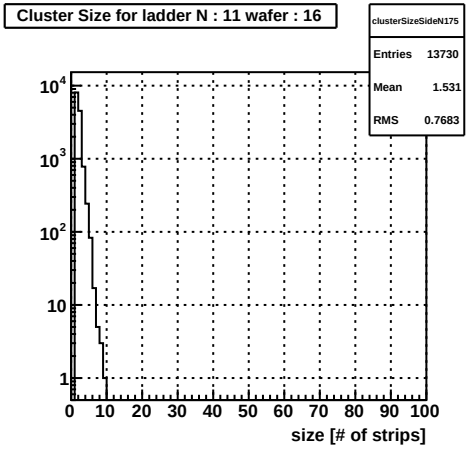

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 14313
Mean 1.587
RMS 0.7934
size [# of strips]

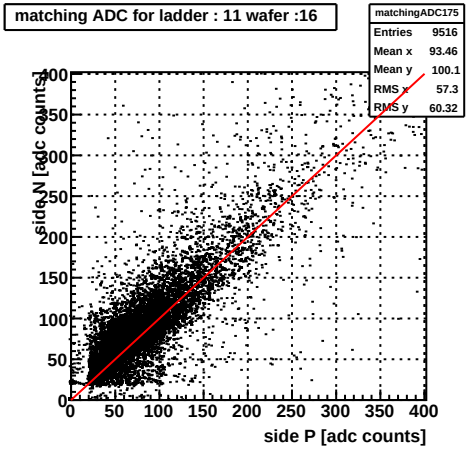

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 10042
Mean x 82.59
Mean y 98.24
RMS x 56.21
RMS y 59.37
side N [adc counts]
side P [adc counts]

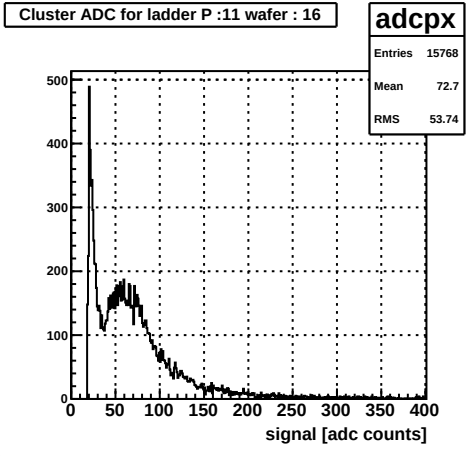

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 13716
Mean 64.9
RMS 53.21
signal [adc counts]

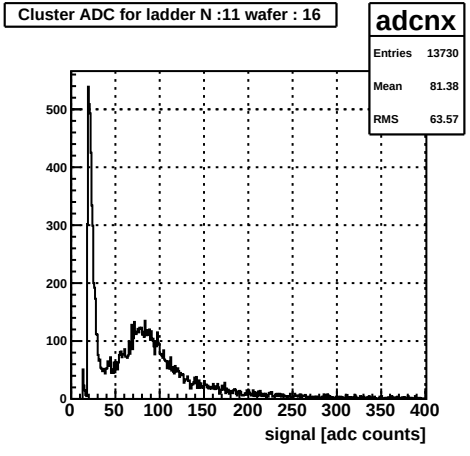

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 14313
Mean 84.11
RMS 60.61
signal [adc counts]

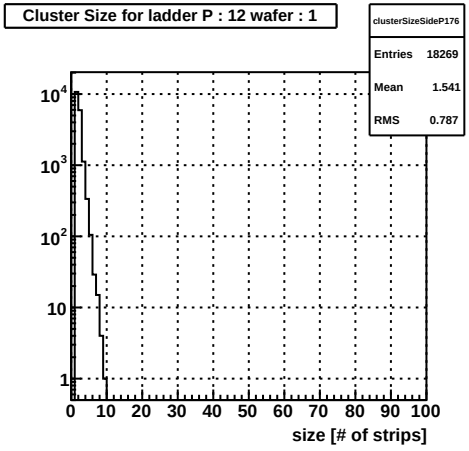

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 15768
Mean 1.507
RMS 0.8321
size [# of strips]

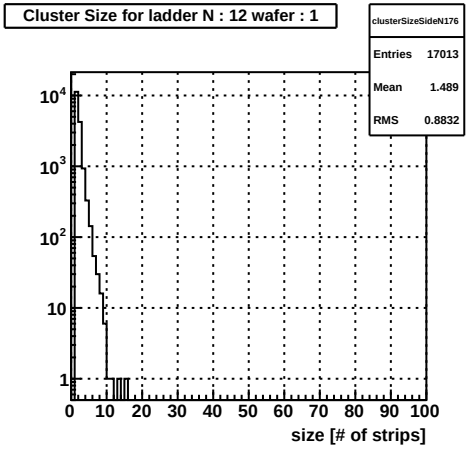

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 13730
Mean 1.531
RMS 0.7683
size [# of strips]

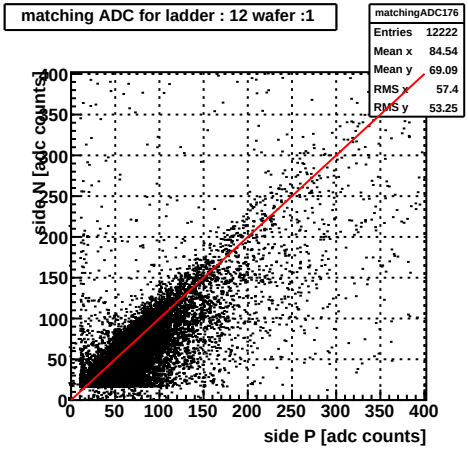

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 9516
Mean x 93.46
Mean y 100.1
RMS x 57.3
RMS y 60.32
side N [adc counts]
side P [adc counts]

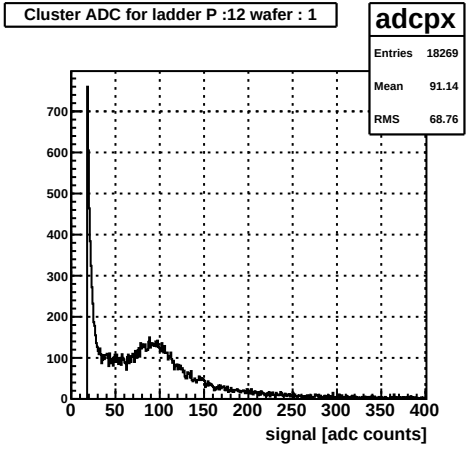

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 15768
Mean 72.7
RMS 53.74
signal [adc counts]

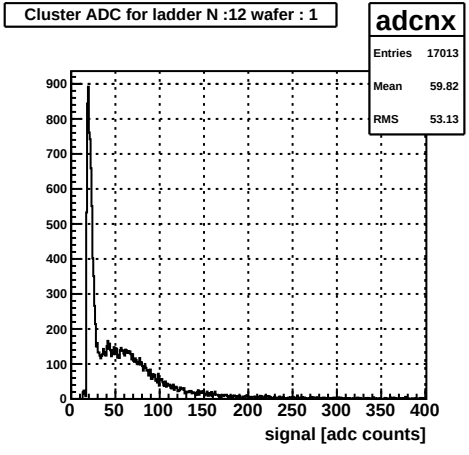

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 13730
Mean 81.38
RMS 63.57
signal [adc counts]

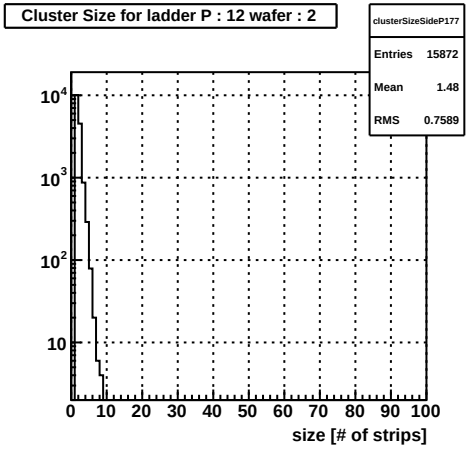

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 18269
Mean 1.541
RMS 0.787
size [# of strips]

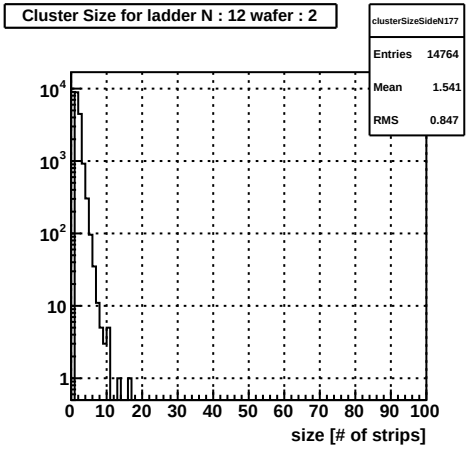

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 17013
Mean 1.489
RMS 0.8832
size [# of strips]

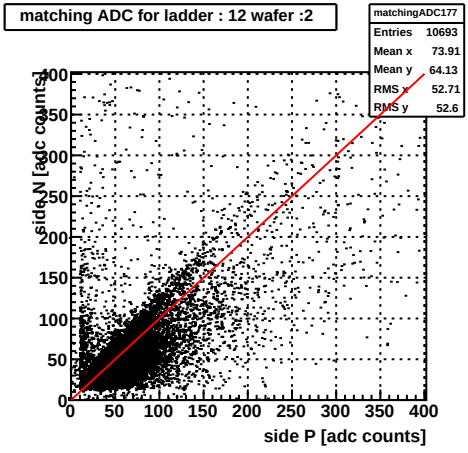

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 12222
Mean x 84.54
Mean y 69.09
RMS x 57.4
RMS y 53.25
side N [adc counts]
side P [adc counts]

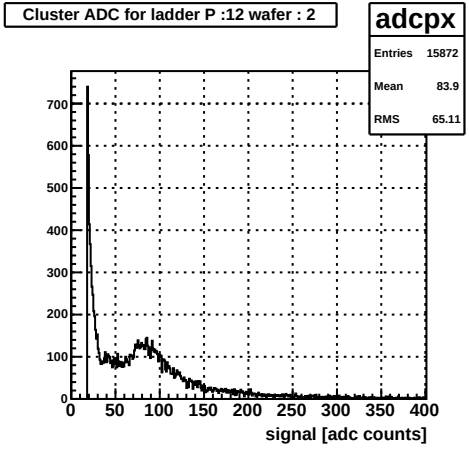

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 18269
Mean 91.14
RMS 68.76
signal [adc counts]

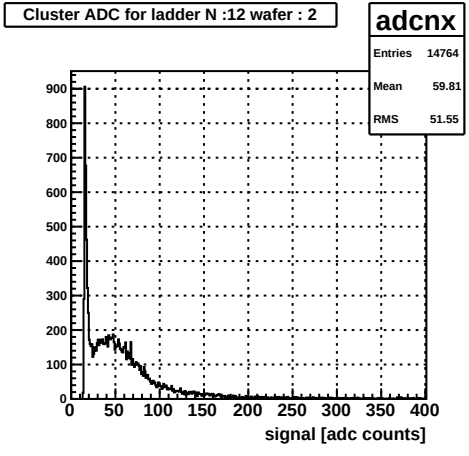

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 17013
Mean 59.82
RMS 53.13
signal [adc counts]

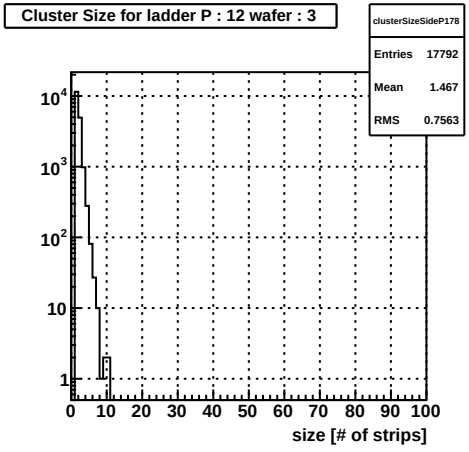

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 15872
Mean 1.48
RMS 0.7589
size [# of strips]

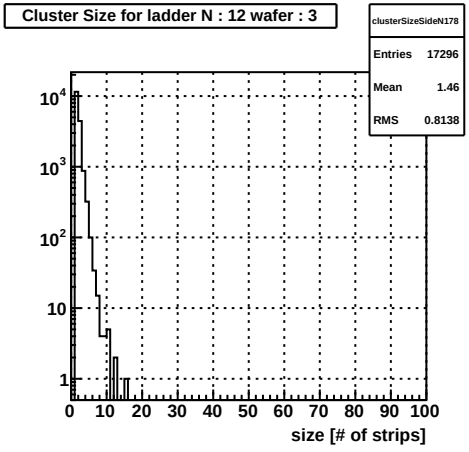

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 14764
Mean 1.541
RMS 0.847
size [# of strips]

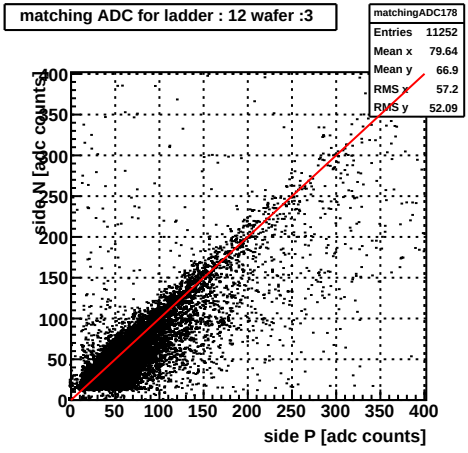

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 10693
Mean x 73.91
Mean y 64.13
RMS x 52.71
RMS y 52.6
side N [adc counts]
side P [adc counts]

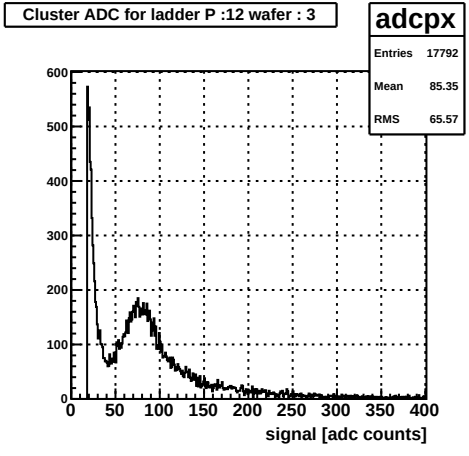

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 15872
Mean 83.9
RMS 65.11
signal [adc counts]

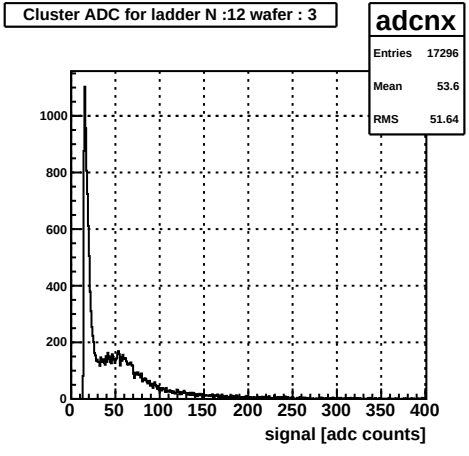

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 14764
Mean 59.81
RMS 51.55
signal [adc counts]

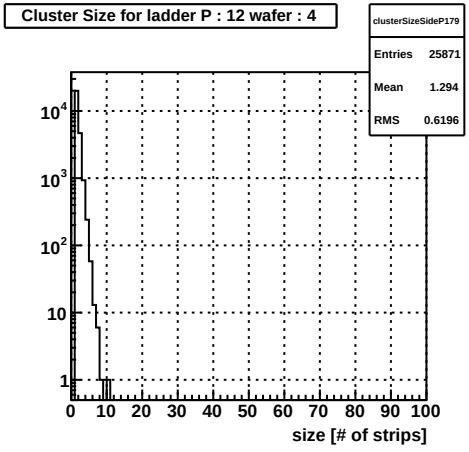

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 17792
Mean 1.467
RMS 0.7563
size [# of strips]

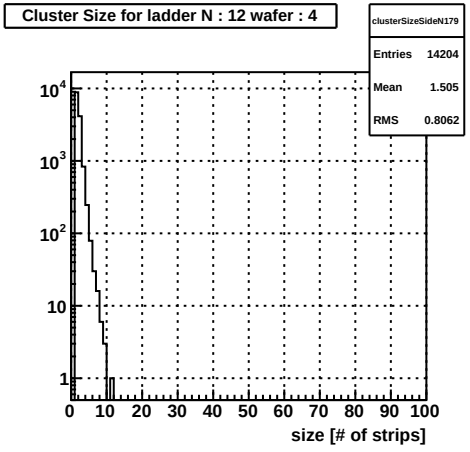

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 17296
Mean 1.46
RMS 0.8138
size [# of strips]

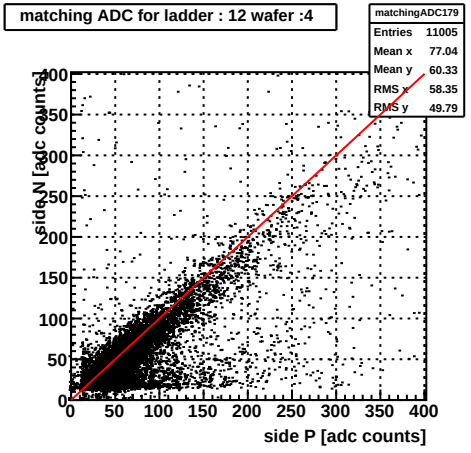

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 11252
Mean x 79.64
Mean y 66.9
RMS x 57.2
RMS y 52.09
side N [adc counts]
side P [adc counts]

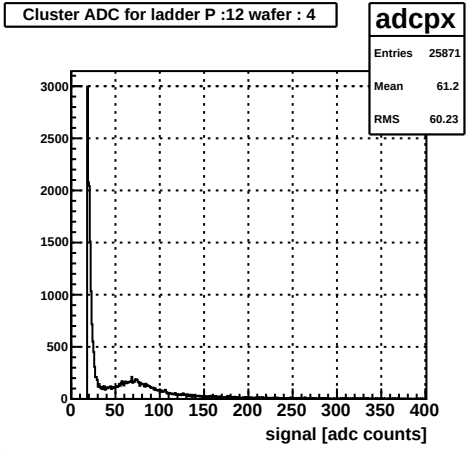

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 17792
Mean 85.35
RMS 65.57
signal [adc counts]

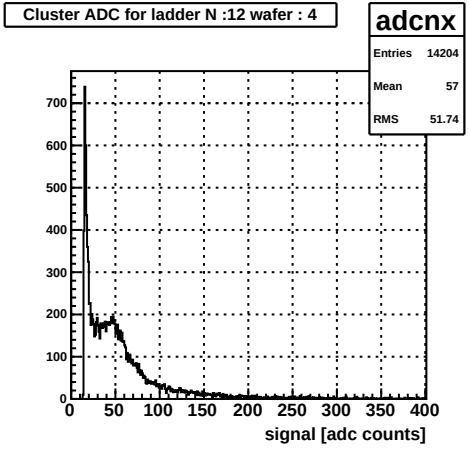

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 17296
Mean 53.6
RMS 51.64
signal [adc counts]

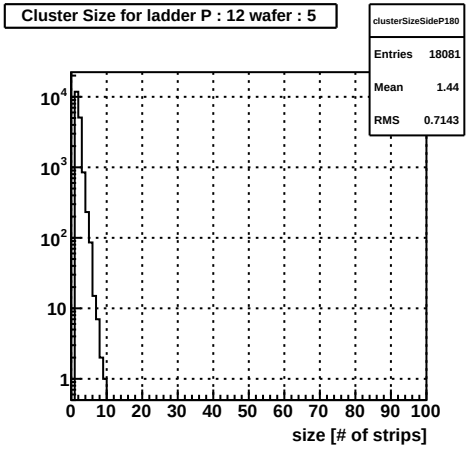

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 25871
Mean 1.294
RMS 0.6196
size [# of strips]

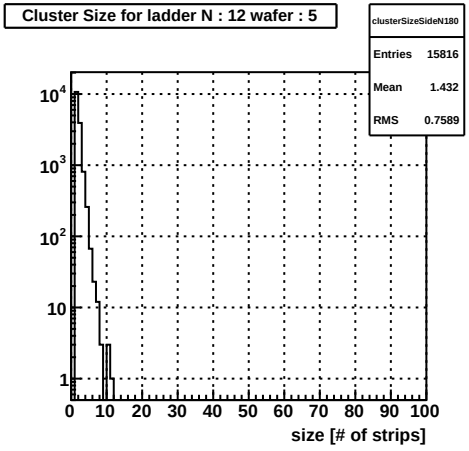

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 14204
Mean 1.505
RMS 0.8062
size [# of strips]

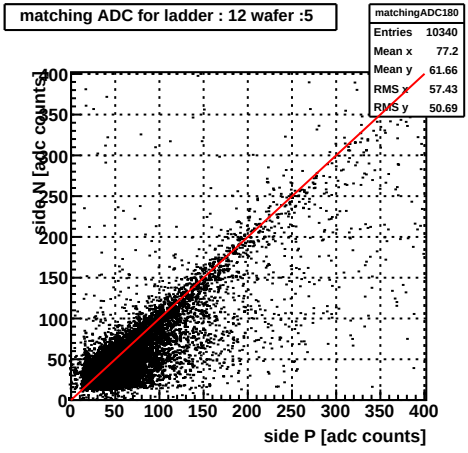

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 11005
Mean x 77.04
Mean y 60.33
RMS x 58.35
RMS y 49.79
side N [adc counts]
side P [adc counts]

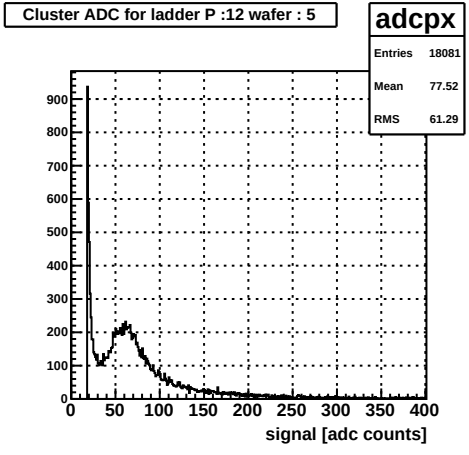

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 25871
Mean 61.2
RMS 60.23
signal [adc counts]

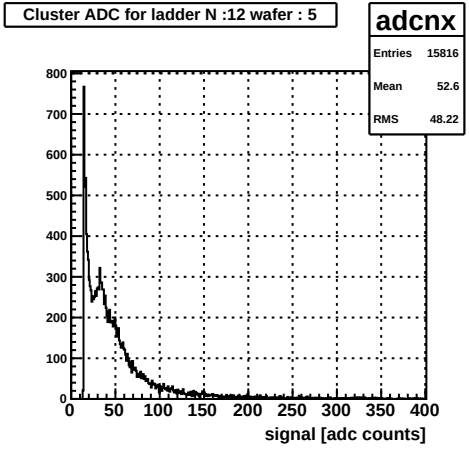

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 14204
Mean 57
RMS 51.74
signal [adc counts]

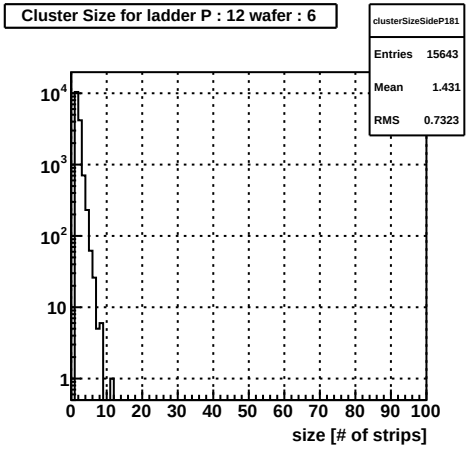

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 18081
Mean 1.44
RMS 0.7143
size [# of strips]

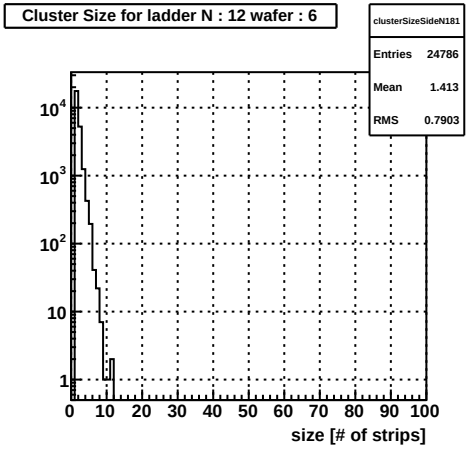

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 15816
Mean 1.432
RMS 0.7589
size [# of strips]

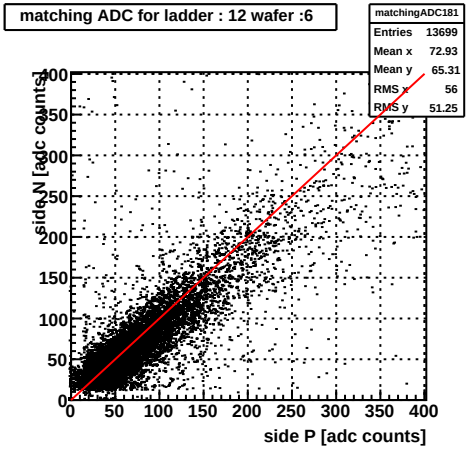

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 10340
Mean x 77.2
Mean y 61.66
RMS x 57.43
RMS y 50.69
side N [adc counts]
side P [adc counts]

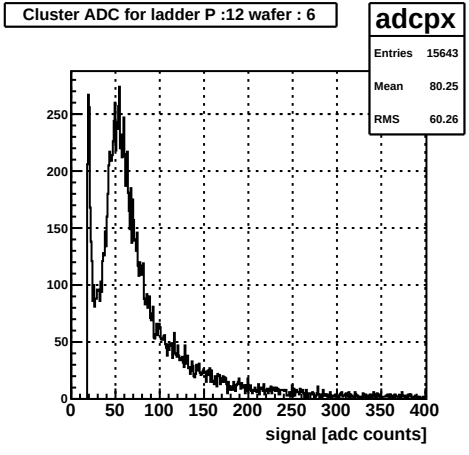

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 18081
Mean 77.52
RMS 61.29
signal [adc counts]

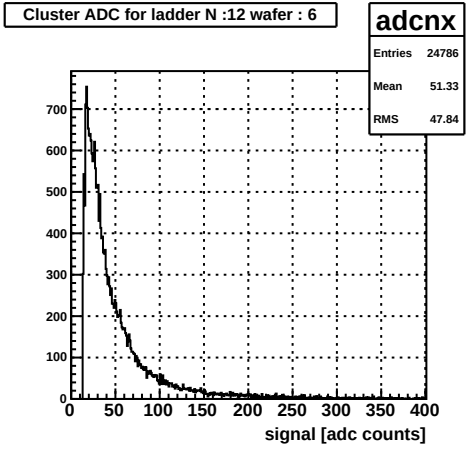

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 15816
Mean 52.6
RMS 48.22
signal [adc counts]

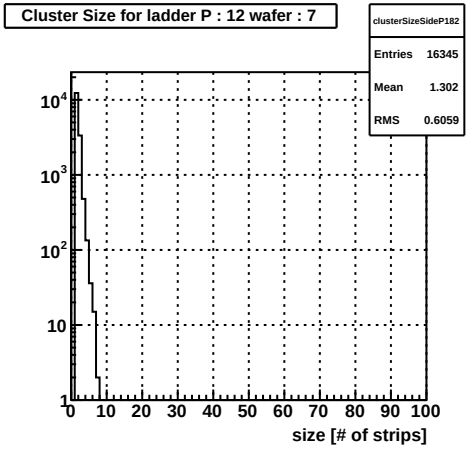

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 15643
Mean 1.431
RMS 0.7323
size [# of strips]

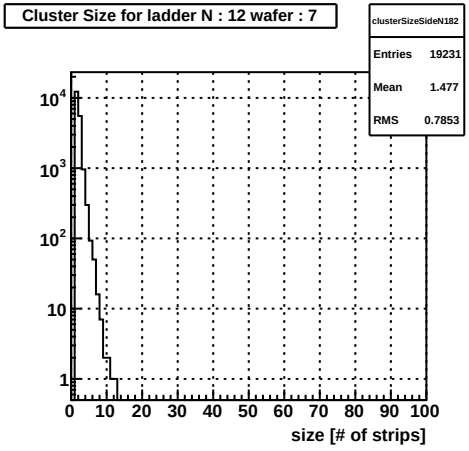

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 24786
Mean 1.413
RMS 0.7903
size [# of strips]

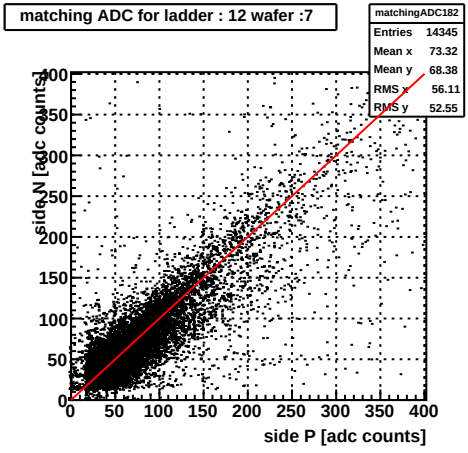

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 13699
Mean x 72.93
Mean y 65.31
RMS x 56
RMS y 51.25
side N [adc counts]
side P [adc counts]

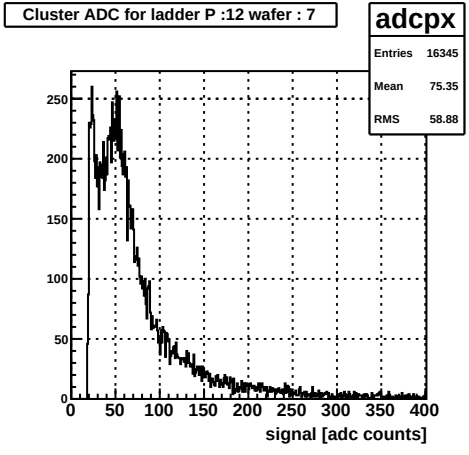

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 15643
Mean 80.25
RMS 60.26
signal [adc counts]

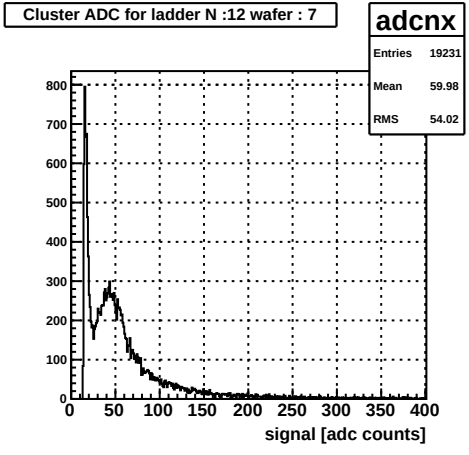

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 24786
Mean 51.33
RMS 47.84
signal [adc counts]

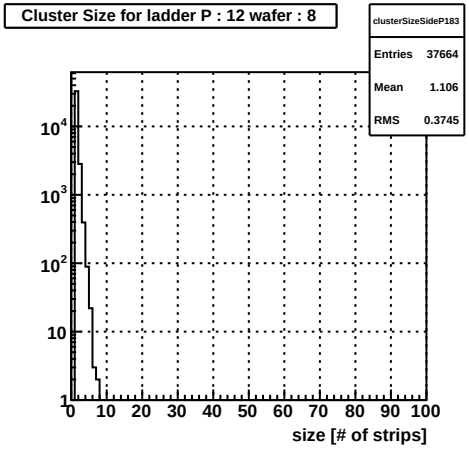

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 16345
Mean 1.302
RMS 0.6059
size [# of strips]

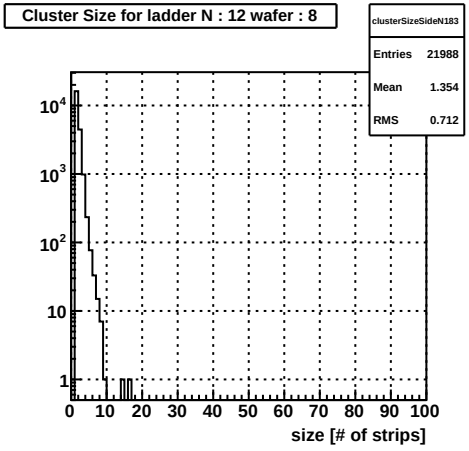

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 19231
Mean 1.477
RMS 0.7853
size [# of strips]

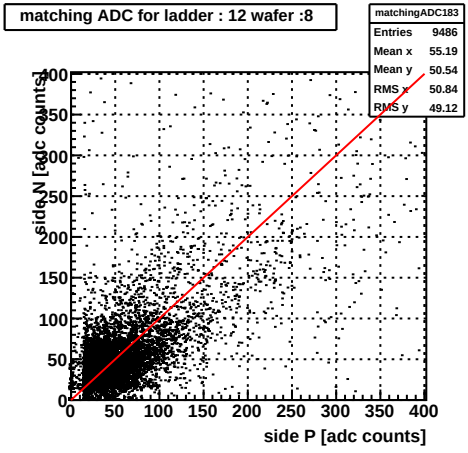

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 14345
Mean x 73.32
Mean y 68.38
RMS x 56.11
RMS y 52.55
side N [adc counts]
side P [adc counts]

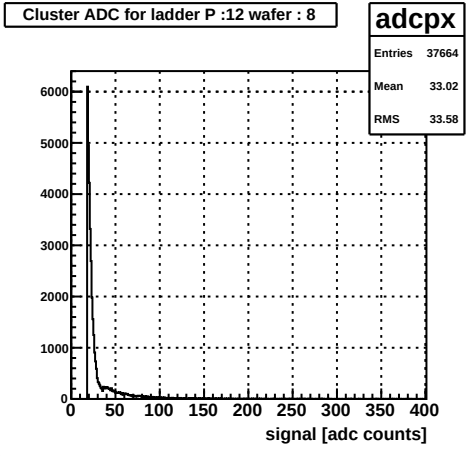

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 16345
Mean 75.35
RMS 58.88
signal [adc counts]

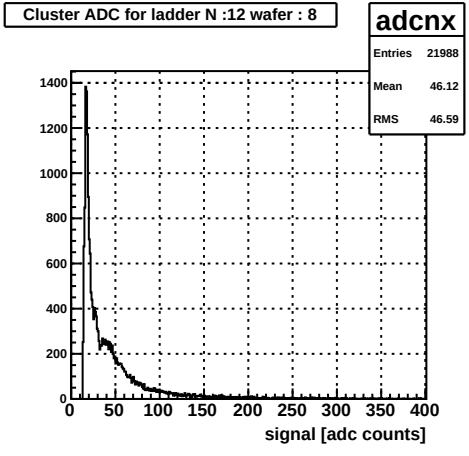

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 19231
Mean 59.98
RMS 54.02
signal [adc counts]

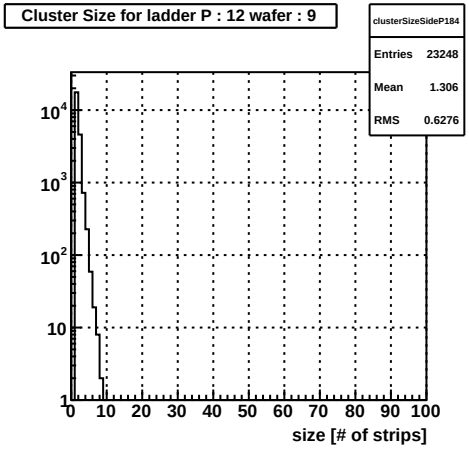

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 37664
Mean 1.106
RMS 0.3745
size [# of strips]

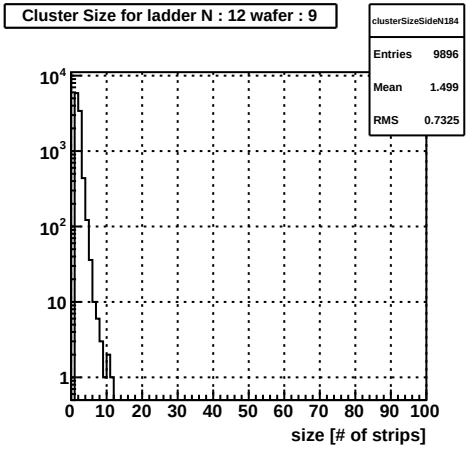

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 21988
Mean 1.354
RMS 0.712
size [# of strips]

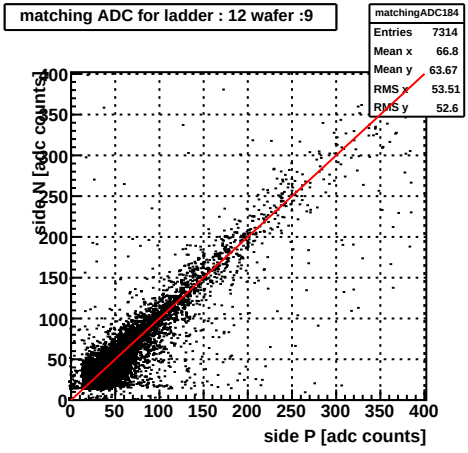

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 9486
Mean x 55.19
Mean y 50.54
RMS x 50.84
RMS y 49.12
side N [adc counts]
side P [adc counts]

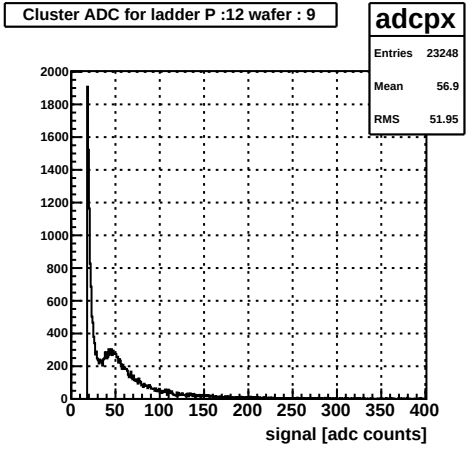

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 37664
Mean 33.02
RMS 33.58
signal [adc counts]

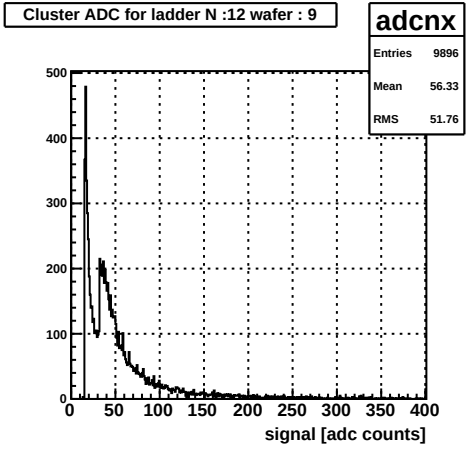

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 21988
Mean 46.12
RMS 46.59
signal [adc counts]

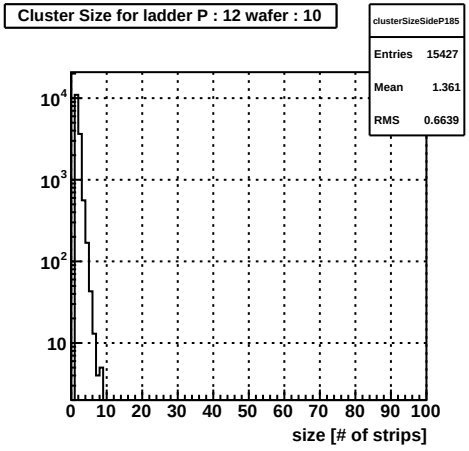

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 23248
Mean 1.306
RMS 0.6276
size [# of strips]

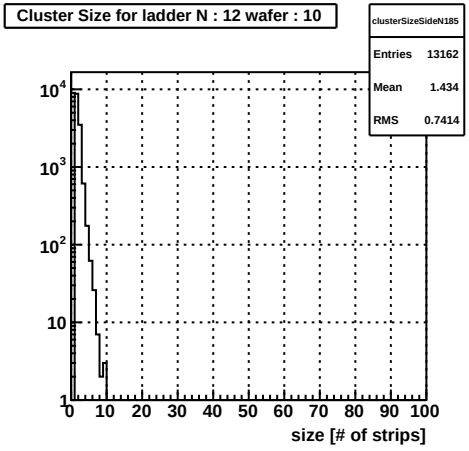

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 9896
Mean 1.499
RMS 0.7325
size [# of strips]

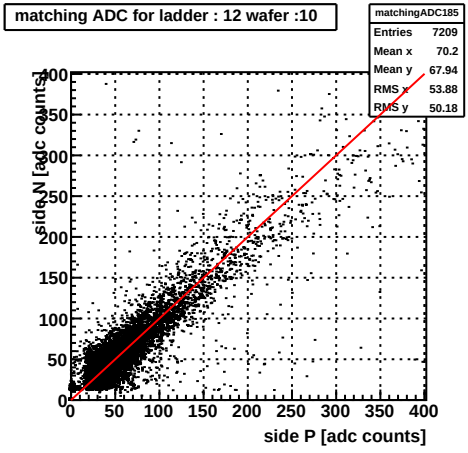

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 7314
Mean x 66.8
Mean y 63.67
RMS x 53.51
RMS y 52.6
side N [adc counts]
side P [adc counts]

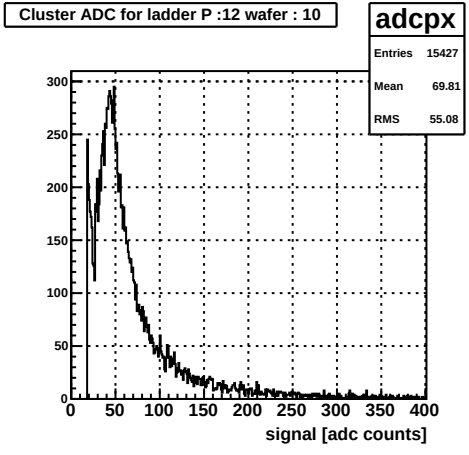

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 23248
Mean 56.9
RMS 51.95
signal [adc counts]

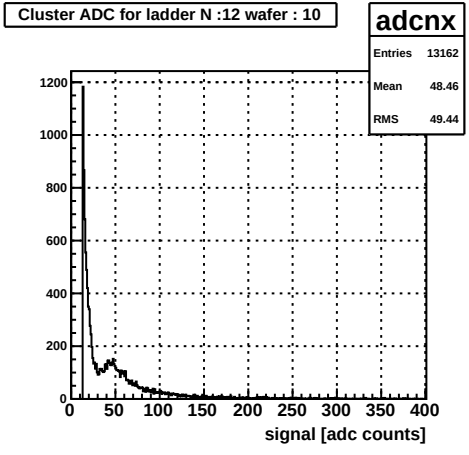

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 9896
Mean 56.33
RMS 51.76
signal [adc counts]

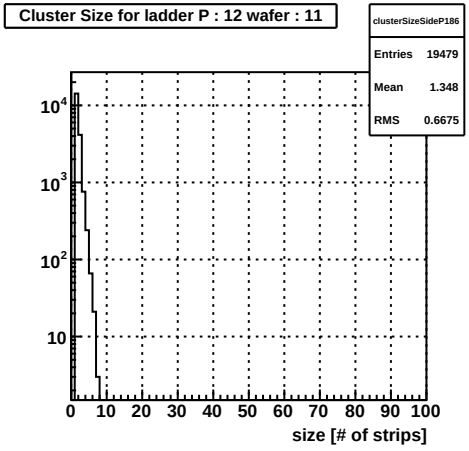

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 15427
Mean 1.361
RMS 0.6639
size [# of strips]

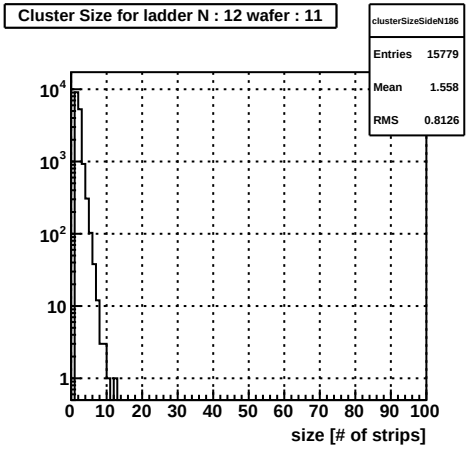

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 13162
Mean 1.434
RMS 0.7414
size [# of strips]

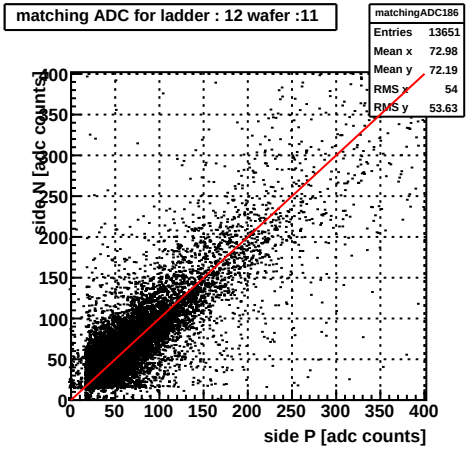

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 7209
Mean x 70.2
Mean y 67.94
RMS x 53.88
RMS y 50.18
side N [adc counts]
side P [adc counts]

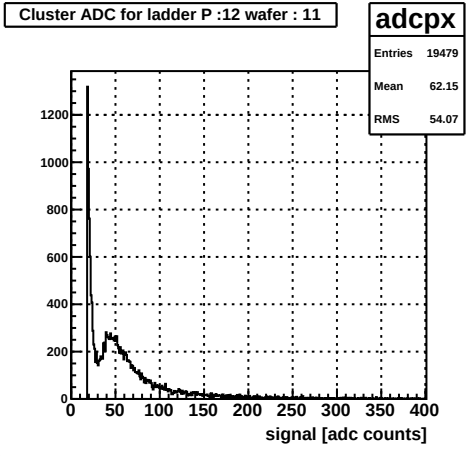

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 15427
Mean 69.81
RMS 55.08
signal [adc counts]

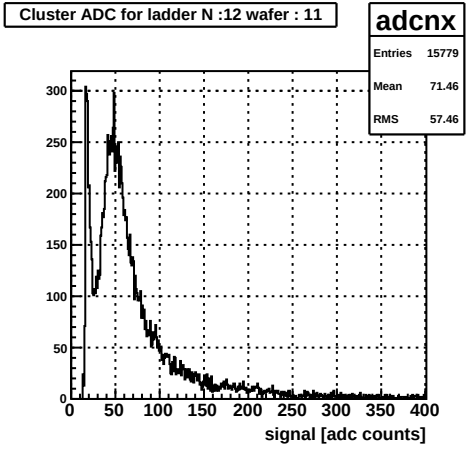

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 13162
Mean 48.46
RMS 49.44
signal [adc counts]

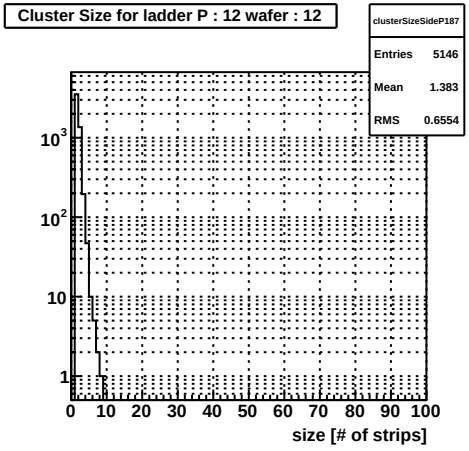

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 19479
Mean 1.348
RMS 0.6675
size [# of strips]

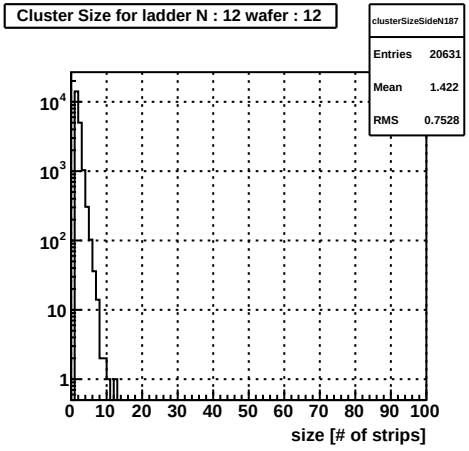

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 15779
Mean 1.558
RMS 0.8126
size [# of strips]

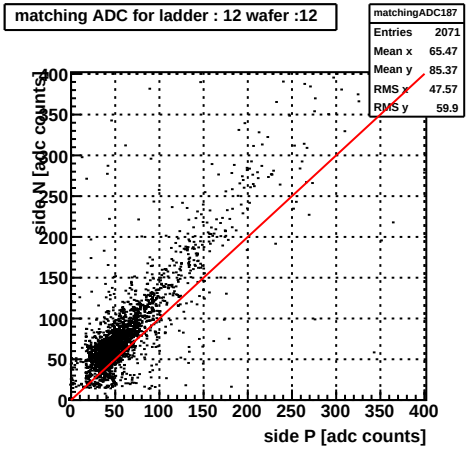

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 13651
Mean x 72.98
Mean y 72.19
RMS x 54
RMS y 53.63
side N [adc counts]
side P [adc counts]

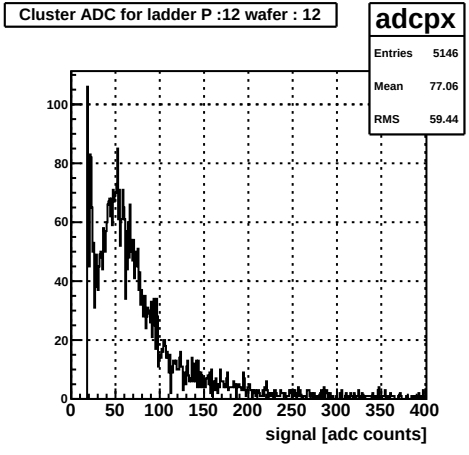

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 19479
Mean 62.15
RMS 54.07
signal [adc counts]

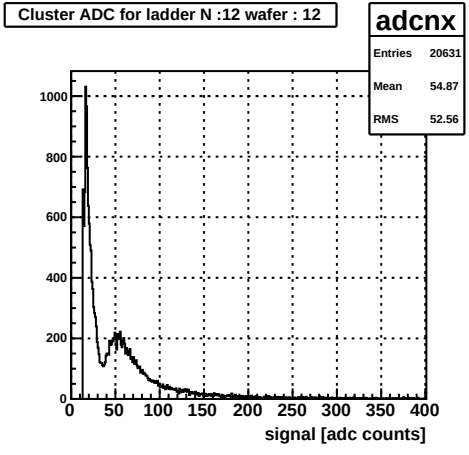

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 15779
Mean 71.46
RMS 57.46
signal [adc counts]

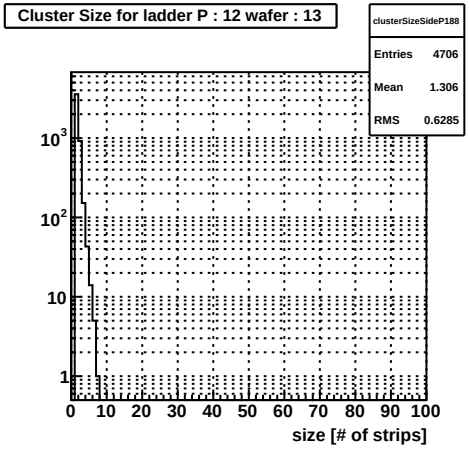

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 5146
Mean 1.383
RMS 0.6554
size [# of strips]

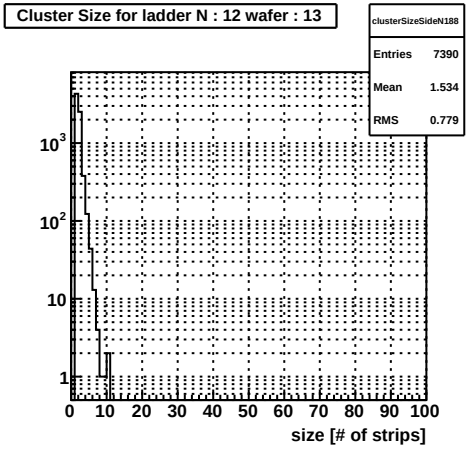

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 20631
Mean 1.422
RMS 0.7528
size [# of strips]

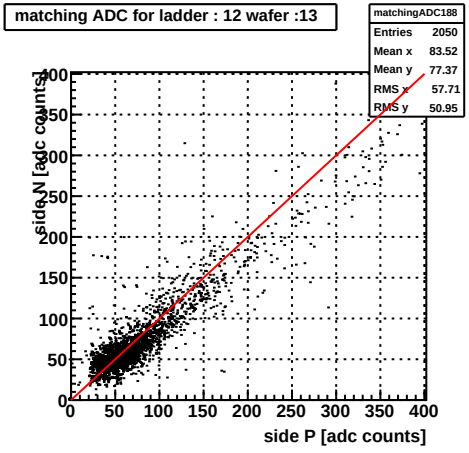

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 2071
Mean x 65.47
Mean y 85.37
RMS x 47.57
RMS y 59.9
side N [adc counts]
side P [adc counts]

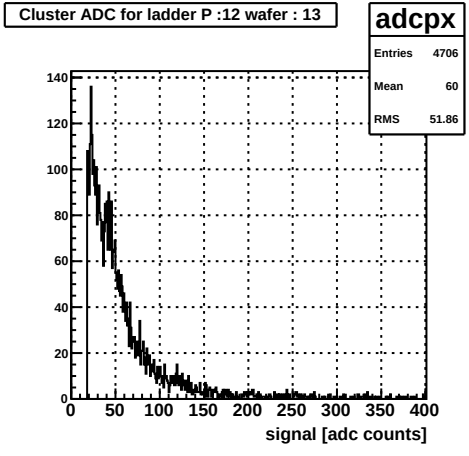

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 5146
Mean 77.06
RMS 59.44
signal [adc counts]

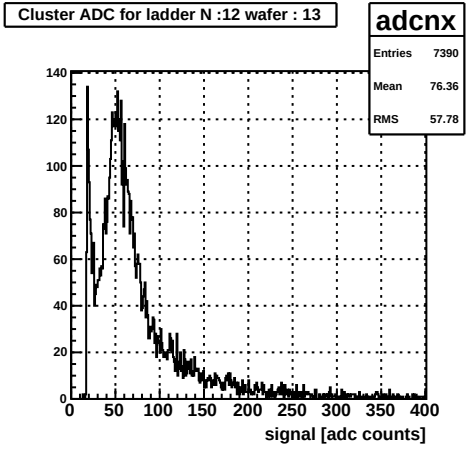

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 20631
Mean 54.87
RMS 52.56
signal [adc counts]

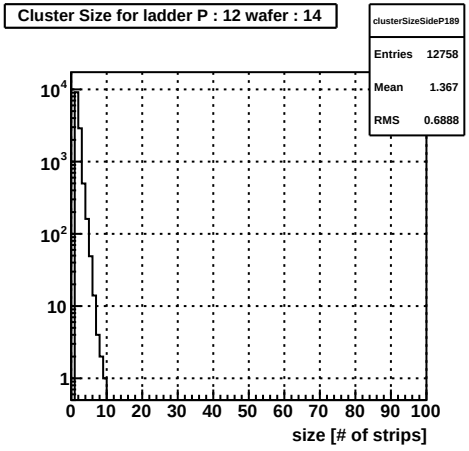

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 4706
Mean 1.306
RMS 0.6285
size [# of strips]

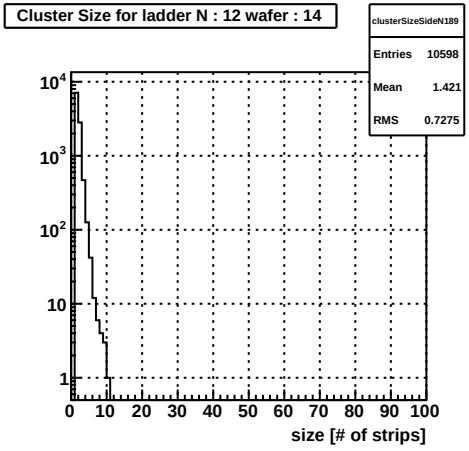

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 7390
Mean 1.534
RMS 0.779
size [# of strips]

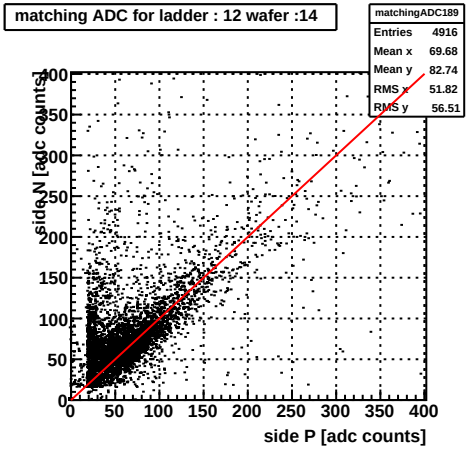

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 2050
Mean x 83.52
Mean y 77.37
RMS x 57.71
RMS y 50.95
side N [adc counts]
side P [adc counts]

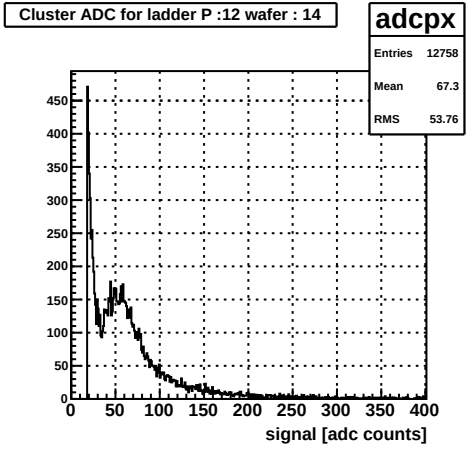

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 4706
Mean 60
RMS 51.86
signal [adc counts]

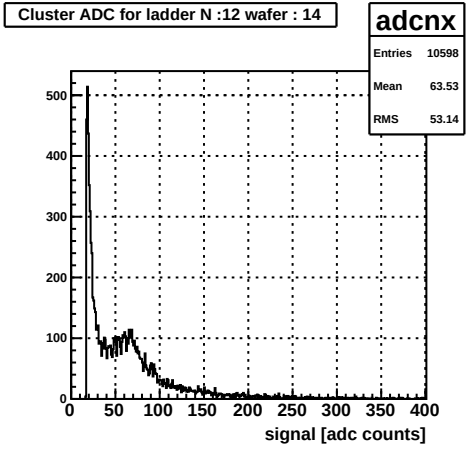

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 7390
Mean 76.36
RMS 57.78
signal [adc counts]

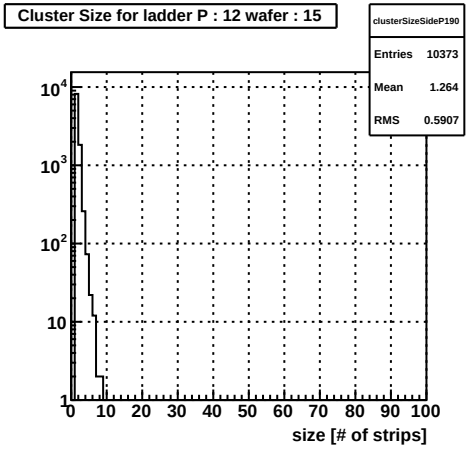

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 12758
Mean 1.367
RMS 0.6888
size [# of strips]

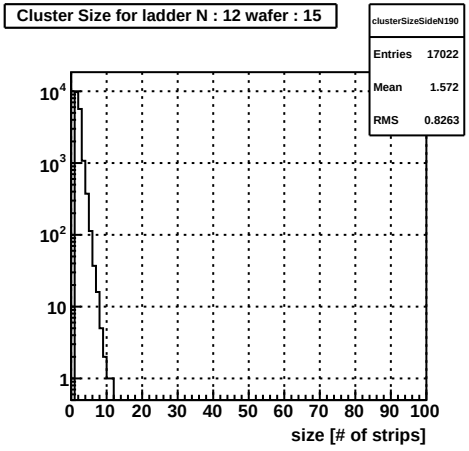

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 10598
Mean 1.421
RMS 0.7275
size [# of strips]

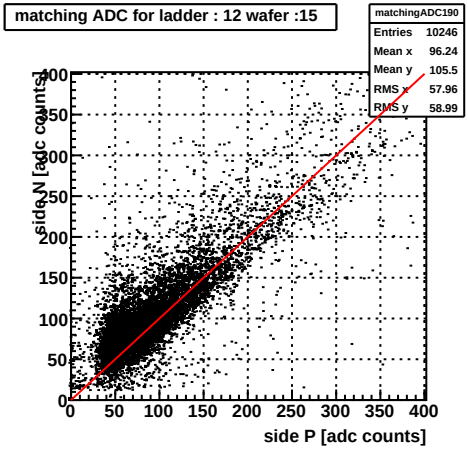

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 4916
Mean x 69.68
Mean y 82.74
RMS x 51.82
RMS y 56.51
side N [adc counts]
side P [adc counts]

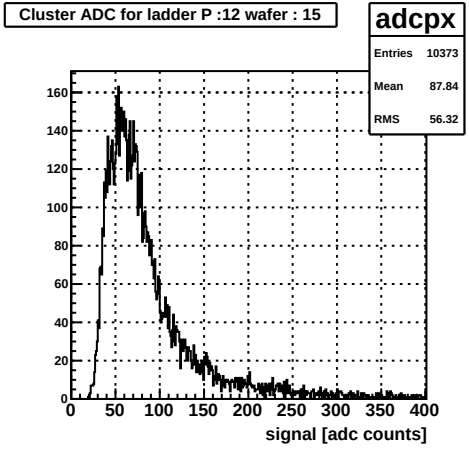

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 12758
Mean 67.3
RMS 53.76
signal [adc counts]

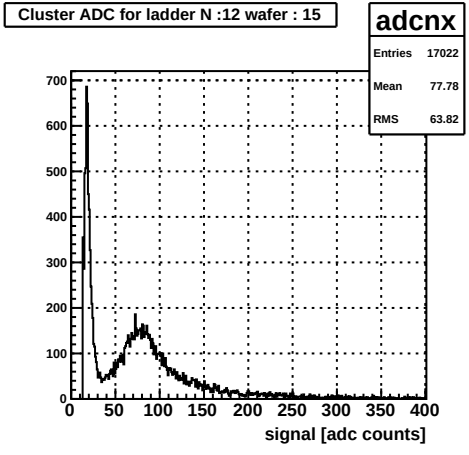

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 10598
Mean 63.53
RMS 53.14
signal [adc counts]

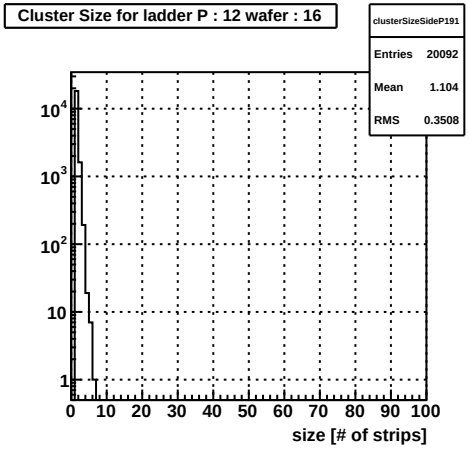

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 10373
Mean 1.264
RMS 0.5907
size [# of strips]

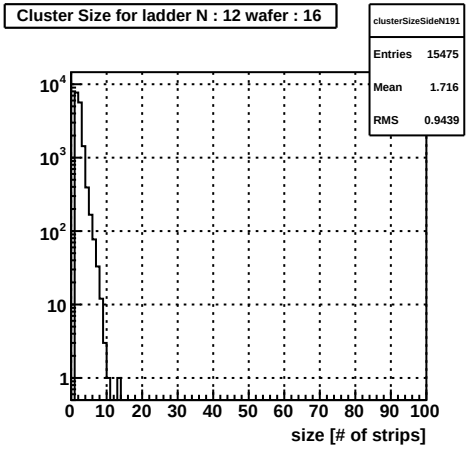

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 17022
Mean 1.572
RMS 0.8263
size [# of strips]

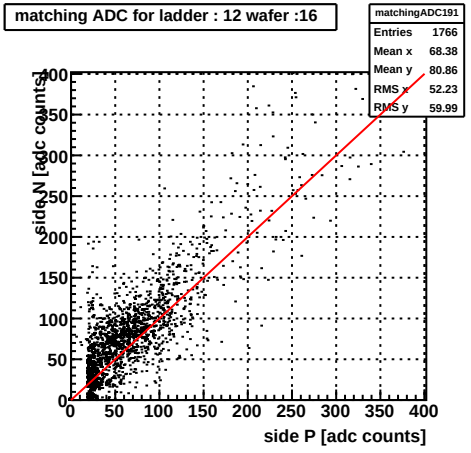

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 10246
Mean x 96.24
Mean y 105.5
RMS x 57.96
RMS y 58.99
side N [adc counts]
side P [adc counts]

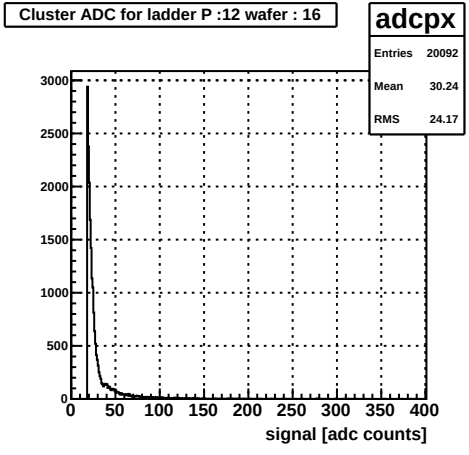

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 10373
Mean 87.84
RMS 56.32
signal [adc counts]

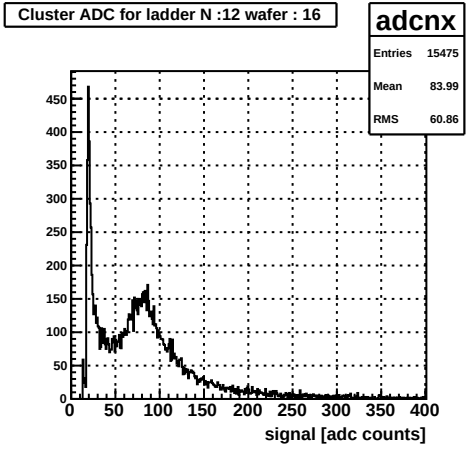

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 17022
Mean 77.78
RMS 63.82
signal [adc counts]

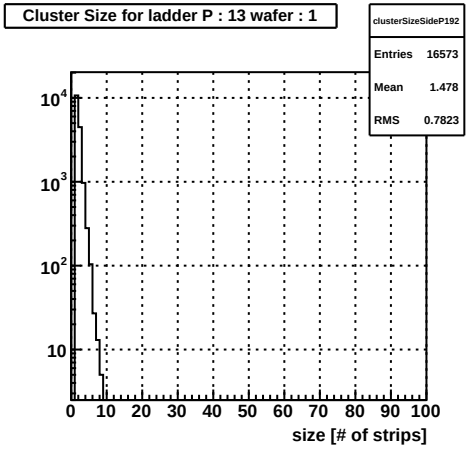

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 20092
Mean 1.104
RMS 0.3508
size [# of strips]

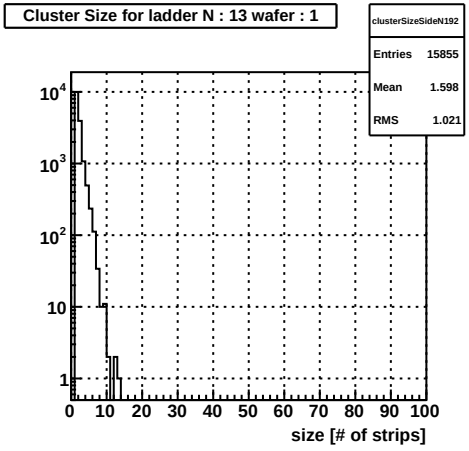

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15475
Mean 1.716
RMS 0.9439
size [# of strips]

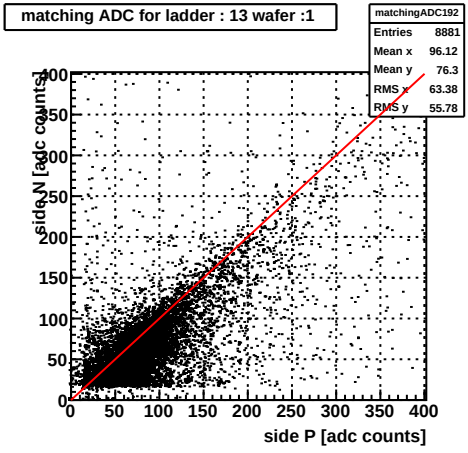

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1766
Mean x 68.38
Mean y 80.86
RMS x 52.23
RMS y 59.99
side N [adc counts]
side P [adc counts]

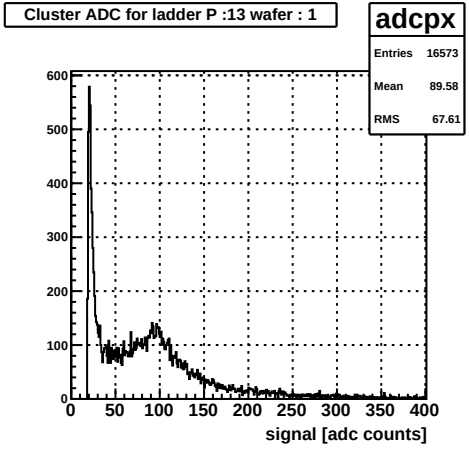

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 20092
Mean 30.24
RMS 24.17
signal [adc counts]

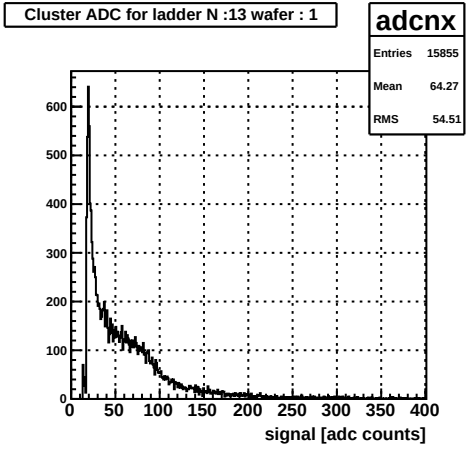

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15475
Mean 83.99
RMS 60.86
signal [adc counts]

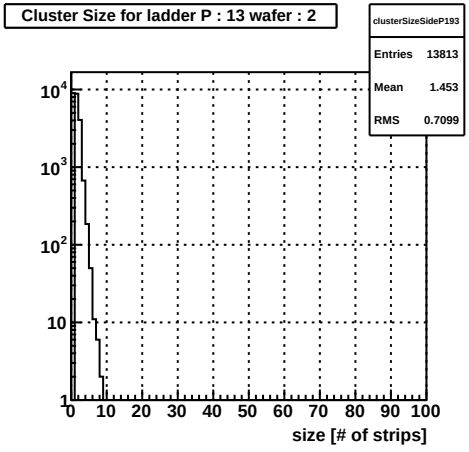

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 16573
Mean 1.478
RMS 0.7823
size [# of strips]

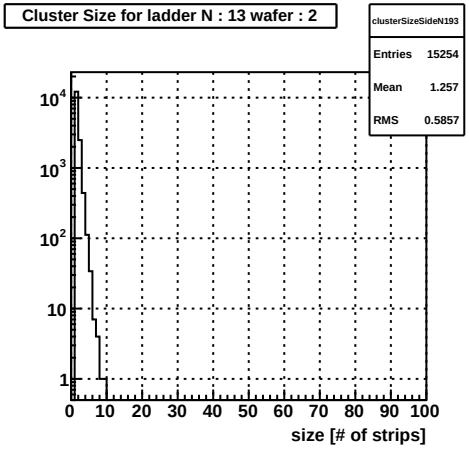

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 15855
Mean 1.598
RMS 1.021
size [# of strips]

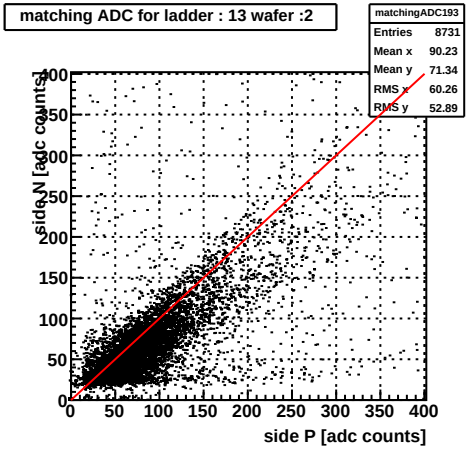

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 8881
Mean x 96.12
Mean y 76.3
RMS x 63.38
RMS y 55.78
side N [adc counts]
side P [adc counts]

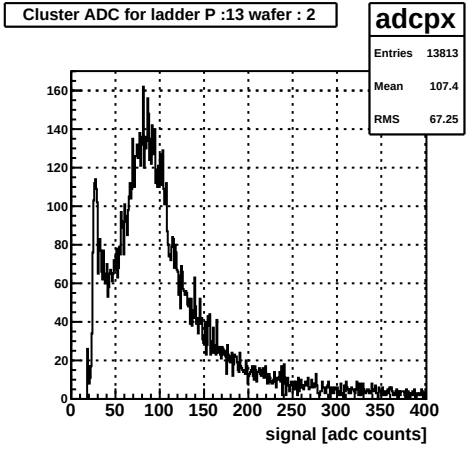

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 16573
Mean 89.58
RMS 67.61
signal [adc counts]

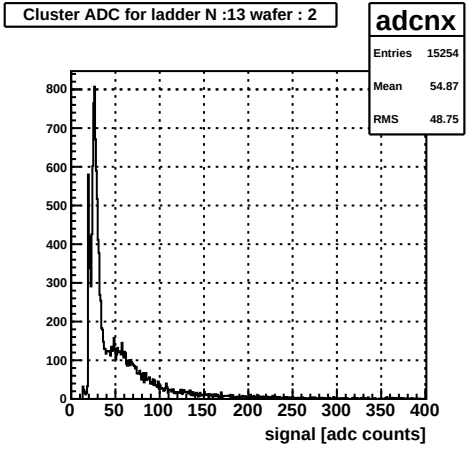

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 15855
Mean 64.27
RMS 54.51
signal [adc counts]

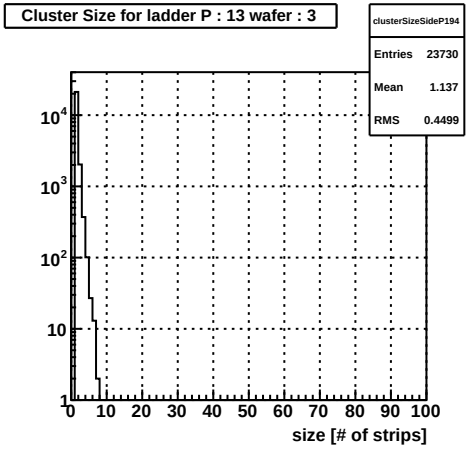

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 13813
Mean 1.453
RMS 0.7099
size [# of strips]

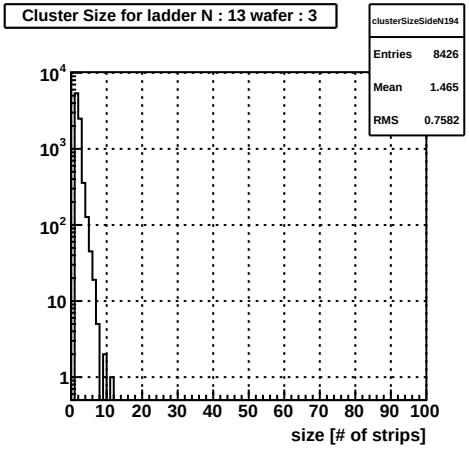

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 15254
Mean 1.257
RMS 0.5857
size [# of strips]

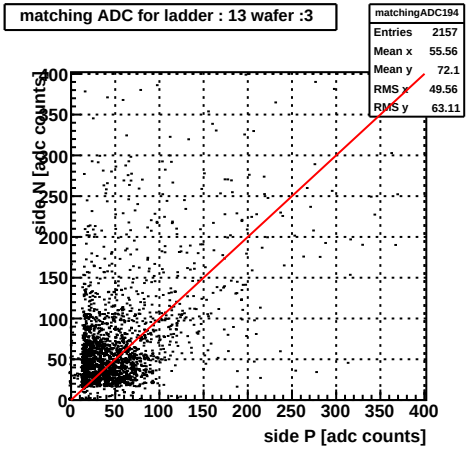

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 8731
Mean x 90.23
Mean y 71.34
RMS x 60.26
RMS y 52.89
side N [adc counts]
side P [adc counts]

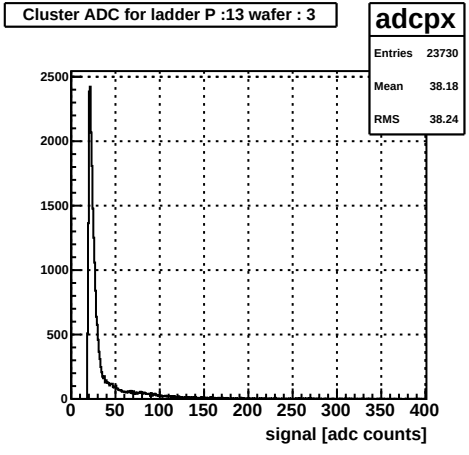

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 13813
Mean 107.4
RMS 67.25
signal [adc counts]

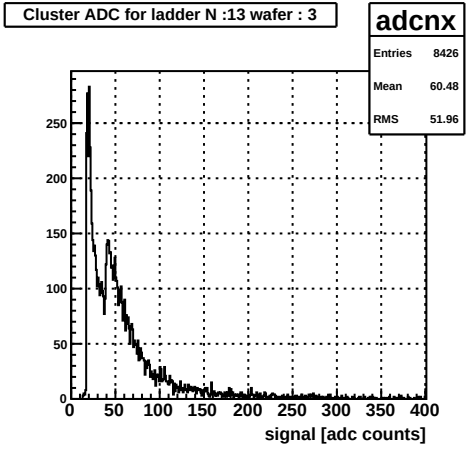

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 15254
Mean 54.87
RMS 48.75
signal [adc counts]

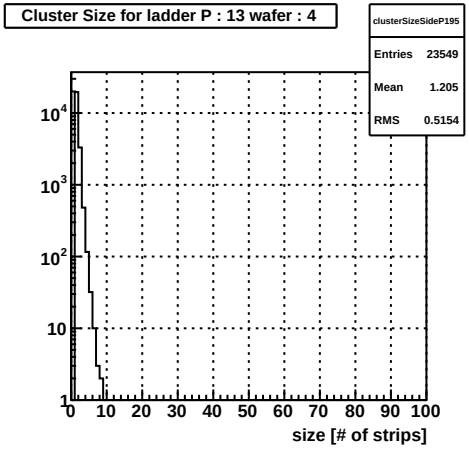

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 23730
Mean 1.137
RMS 0.4499
size [# of strips]

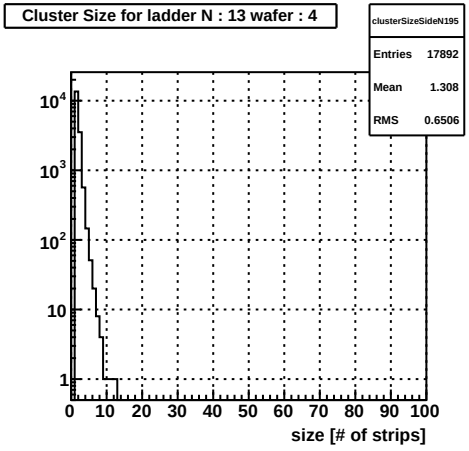

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 8426
Mean 1.465
RMS 0.7582
size [# of strips]

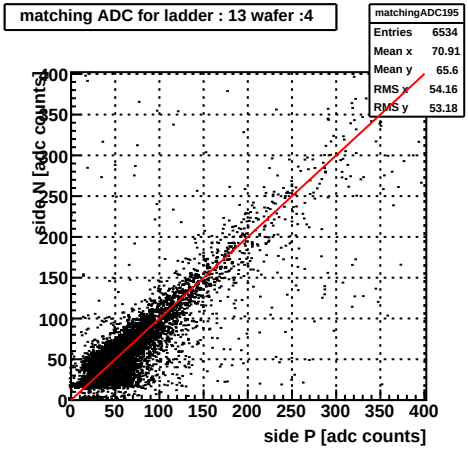

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 2157
Mean x 55.56
Mean y 72.1
RMS x 49.56
RMS y 63.11
side N [adc counts]
side P [adc counts]

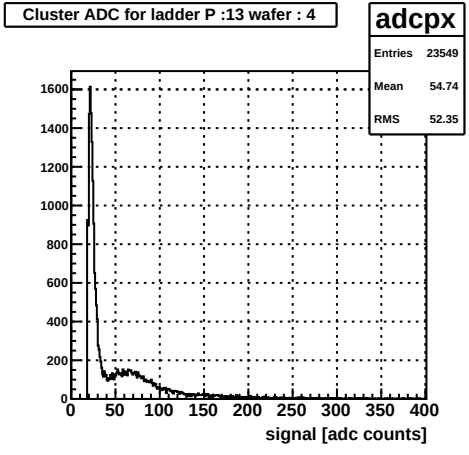

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 23730
Mean 38.18
RMS 38.24
signal [adc counts]

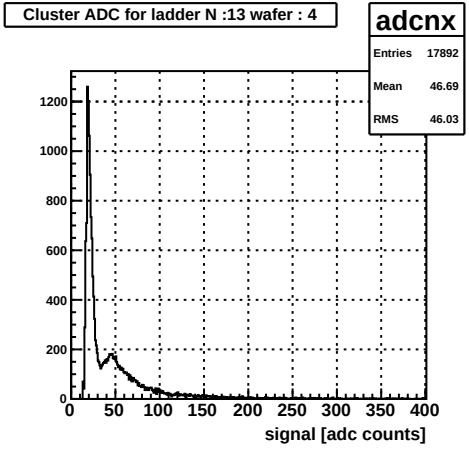

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 8426
Mean 60.48
RMS 51.96
signal [adc counts]

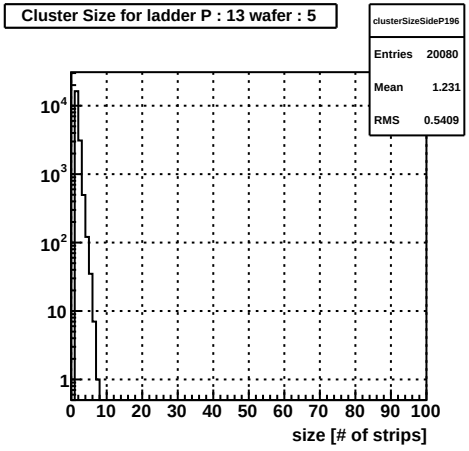

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 23549
Mean 1.205
RMS 0.5154
size [# of strips]

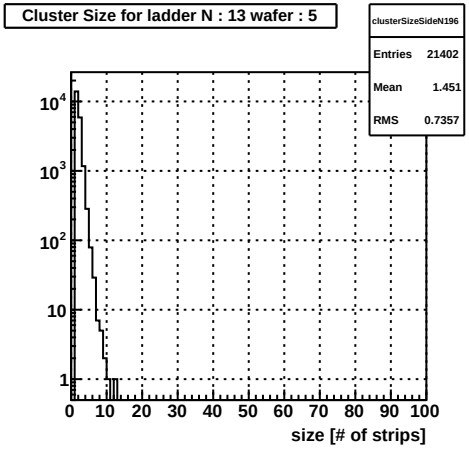

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 17892
Mean 1.308
RMS 0.6506
size [# of strips]

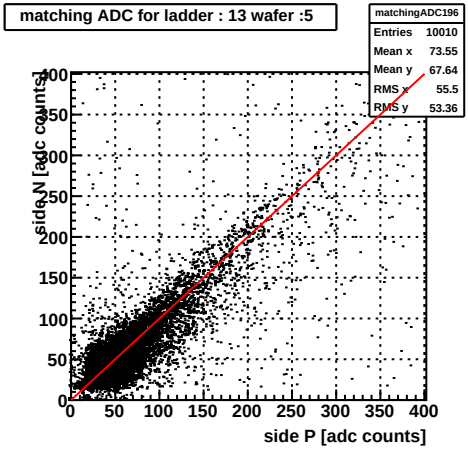

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 6534
Mean x 70.91
Mean y 65.6
RMS x 54.16
RMS y 53.18
side N [adc counts]
side P [adc counts]

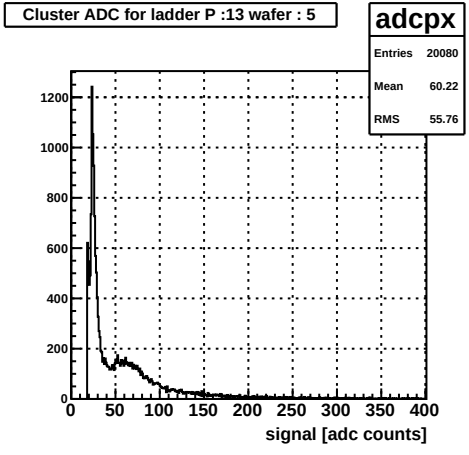

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 23549
Mean 54.74
RMS 52.35
signal [adc counts]

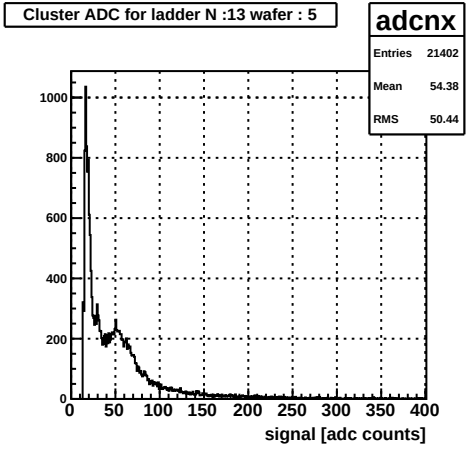

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 17892
Mean 46.69
RMS 46.03
signal [adc counts]

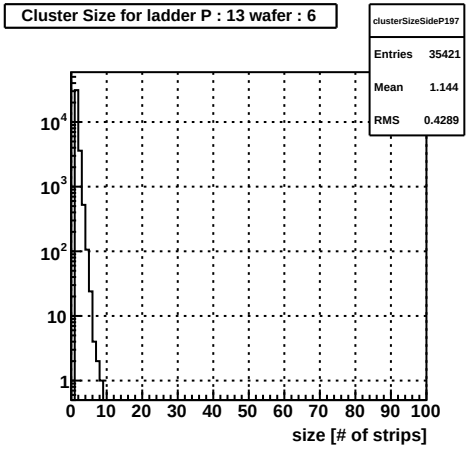

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 20080
Mean 1.231
RMS 0.5409
size [# of strips]

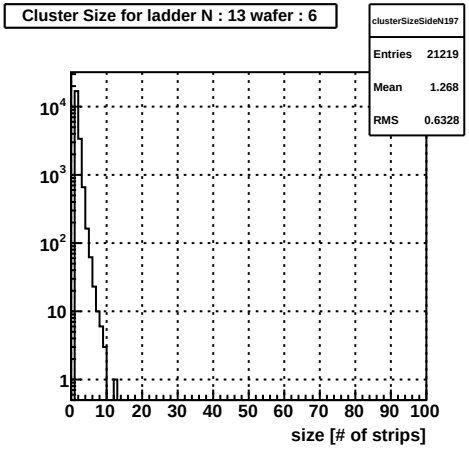

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 21402
Mean 1.451
RMS 0.7357
size [# of strips]

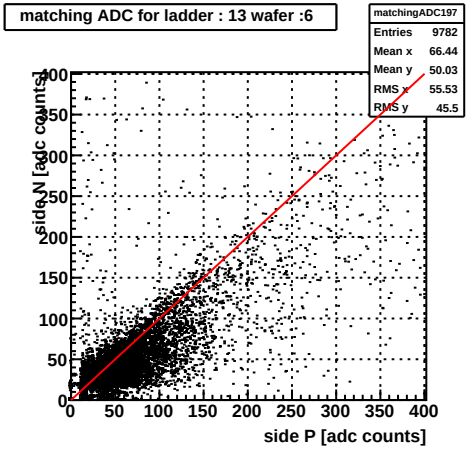

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 10010
Mean x 73.55
Mean y 67.64
RMS x 55.5
RMS y 53.36
side N [adc counts]
side P [adc counts]

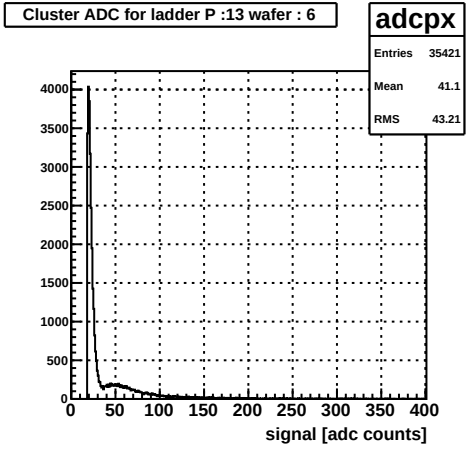

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 20080
Mean 60.22
RMS 55.76
signal [adc counts]

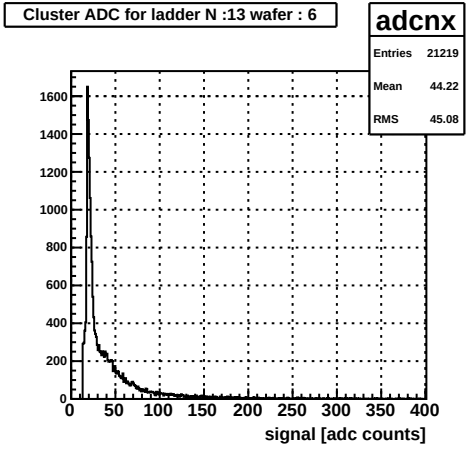

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 21402
Mean 54.38
RMS 50.44
signal [adc counts]

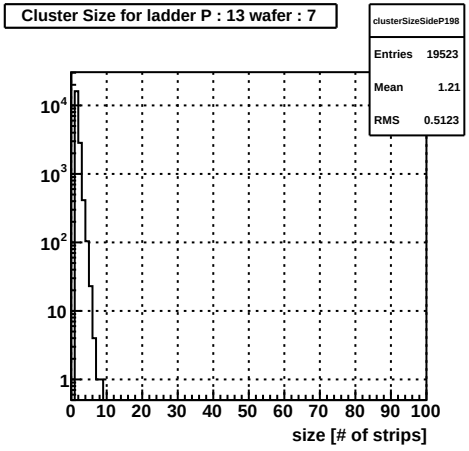

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 35421
Mean 1.144
RMS 0.4289
size [# of strips]

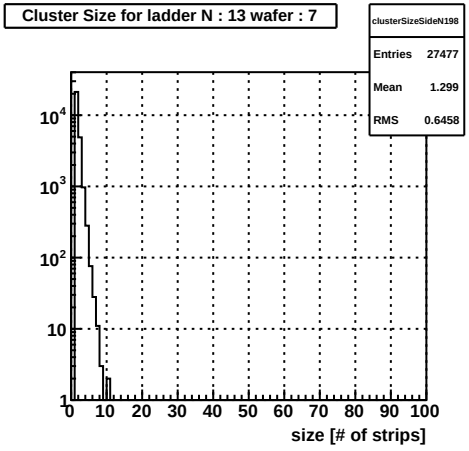

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 21219
Mean 1.268
RMS 0.6328
size [# of strips]

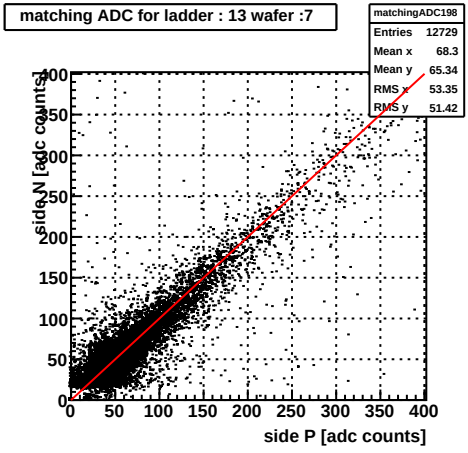

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 9782
Mean x 66.44
Mean y 50.03
RMS x 55.53
RMS y 45.5
side N [adc counts]
side P [adc counts]

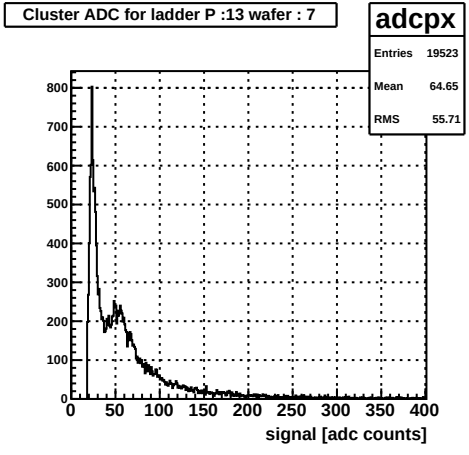

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 35421
Mean 41.1
RMS 43.21
signal [adc counts]

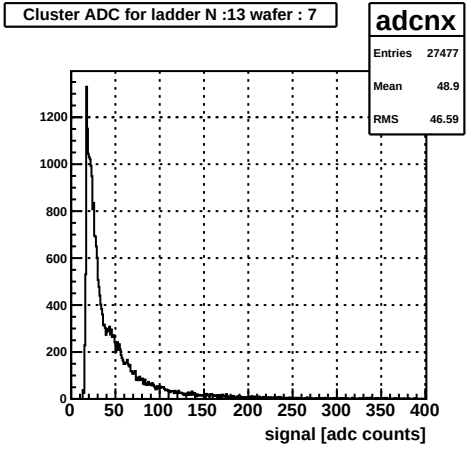

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 21219
Mean 44.22
RMS 45.08
signal [adc counts]

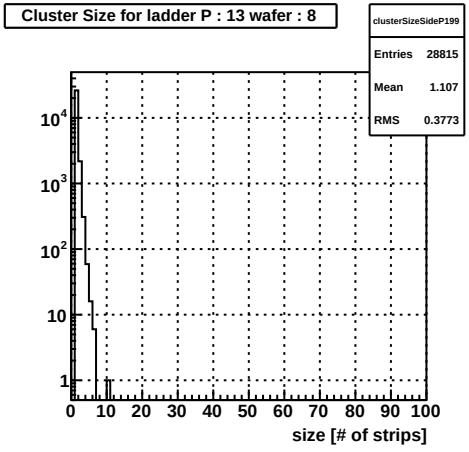

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 19523
Mean 1.21
RMS 0.5123
size [# of strips]

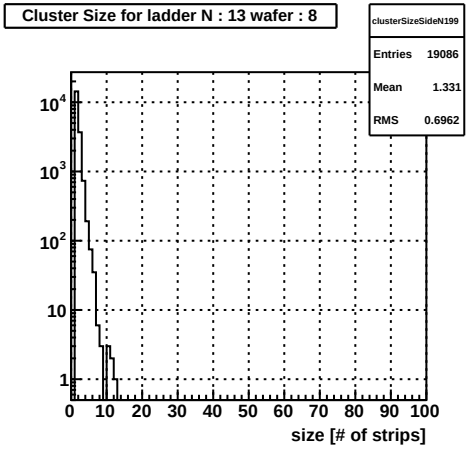

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 27477
Mean 1.299
RMS 0.6458
size [# of strips]

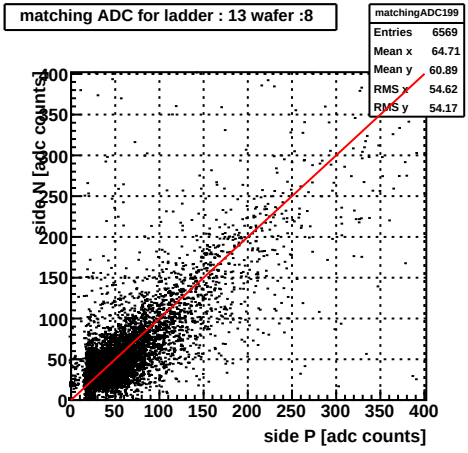

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 12729
Mean x 68.3
Mean y 65.34
RMS x 53.35
RMS y 51.42
side N [adc counts]
side P [adc counts]

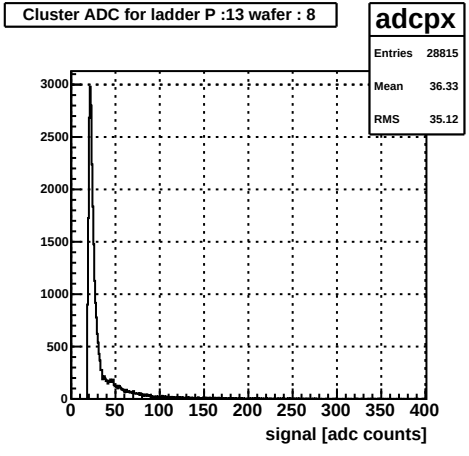

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 19523
Mean 64.65
RMS 55.71
signal [adc counts]

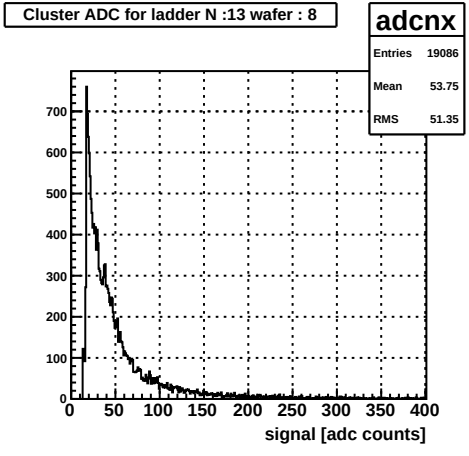

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 27477
Mean 48.9
RMS 46.59
signal [adc counts]

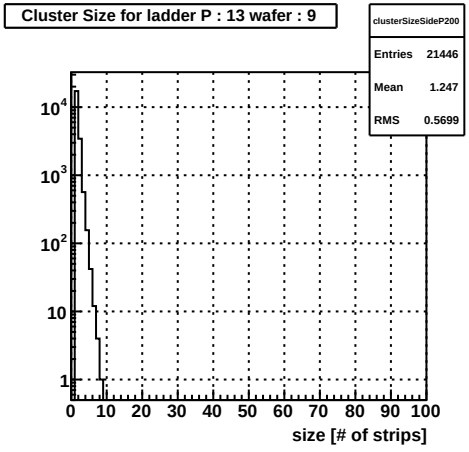

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 28815
Mean 1.107
RMS 0.3773
size [# of strips]

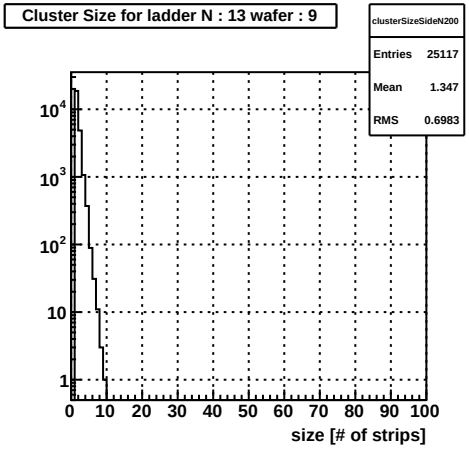

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 19086
Mean 1.331
RMS 0.6962
size [# of strips]

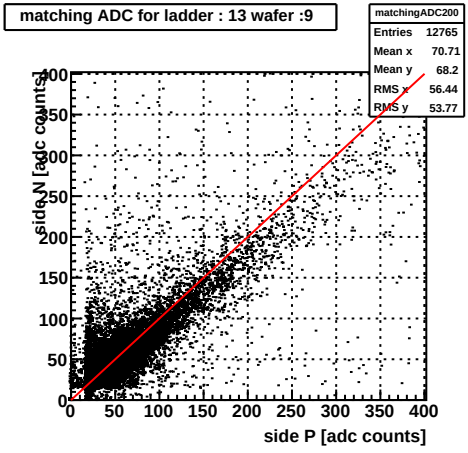

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 6569
Mean x 64.71
Mean y 60.89
RMS x 54.62
RMS y 54.17
side N [adc counts]
side P [adc counts]

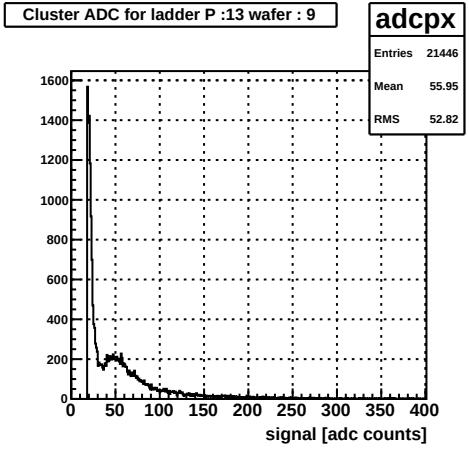

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 28815
Mean 36.33
RMS 35.12
signal [adc counts]

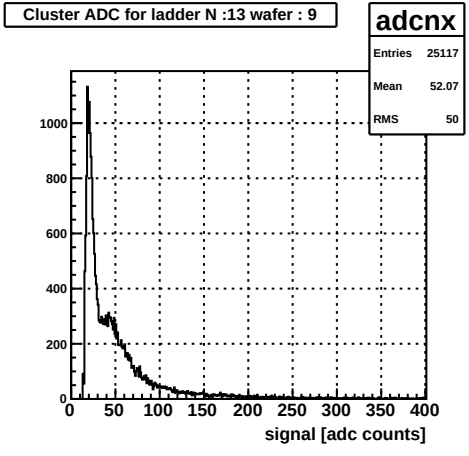

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 19086
Mean 53.75
RMS 51.35
signal [adc counts]

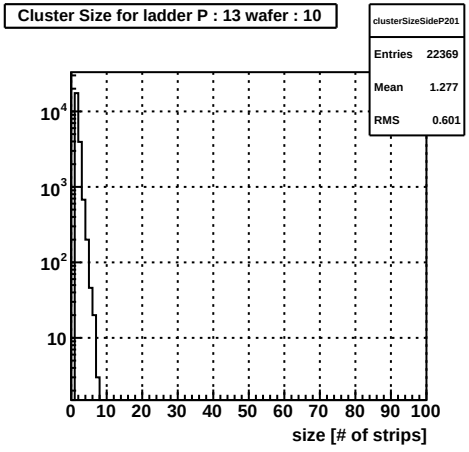

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 21446
Mean 1.247
RMS 0.5699
size [# of strips]

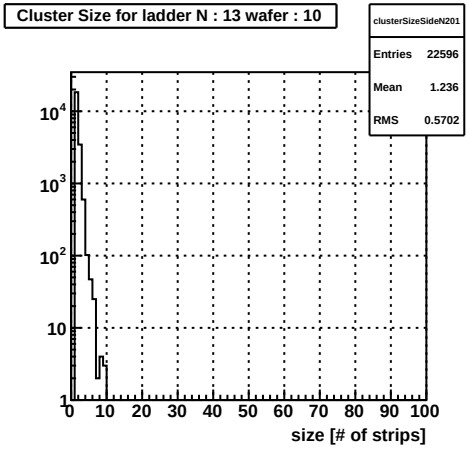

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 25117
Mean 1.347
RMS 0.6983
size [# of strips]

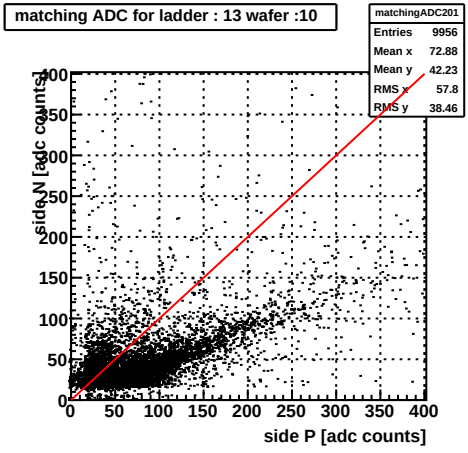

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 12765
Mean x 70.71
Mean y 68.2
RMS x 56.44
RMS y 53.77
side N [adc counts]
side P [adc counts]

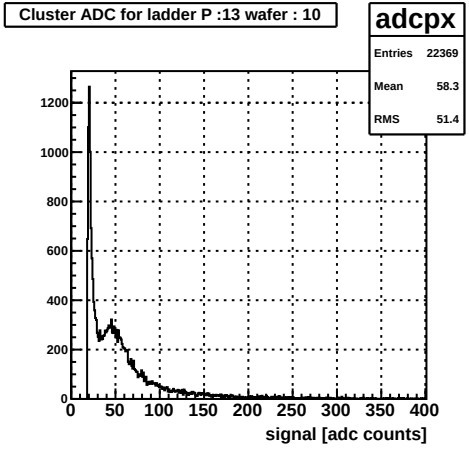

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 21446
Mean 55.95
RMS 52.82
signal [adc counts]

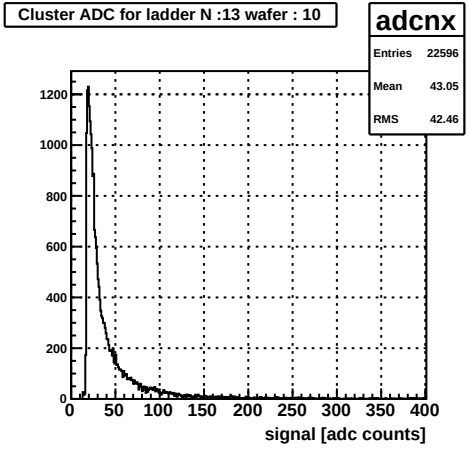

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 25117
Mean 52.07
RMS 50
signal [adc counts]

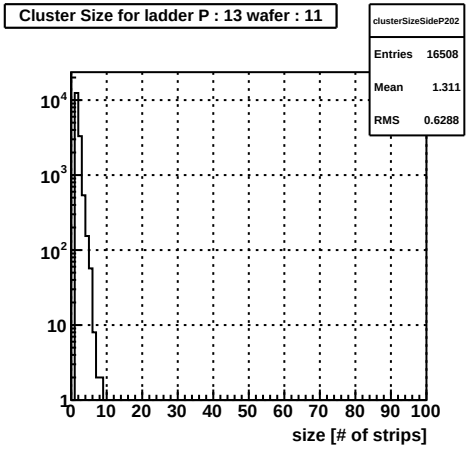

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 22369
Mean 1.277
RMS 0.601
size [# of strips]

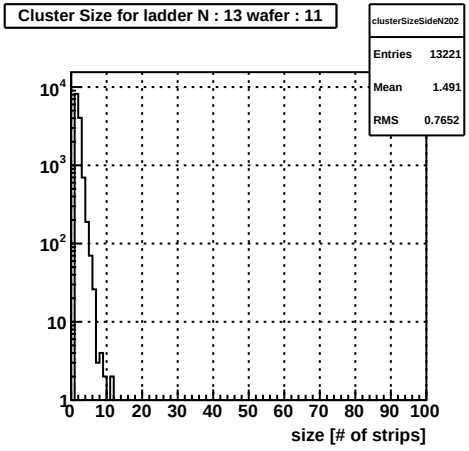

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 22596
Mean 1.236
RMS 0.5702
size [# of strips]

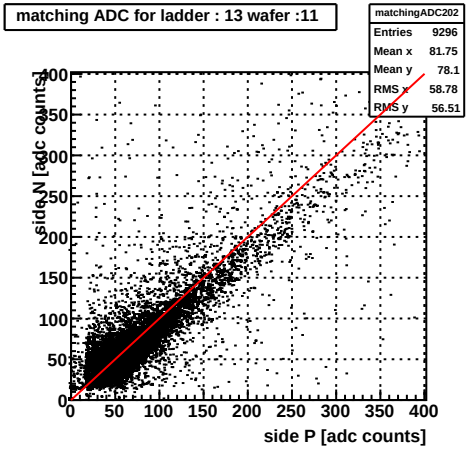

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 9956
Mean x 72.88
Mean y 42.23
RMS x 57.8
RMS y 38.46
side N [adc counts]
side P [adc counts]

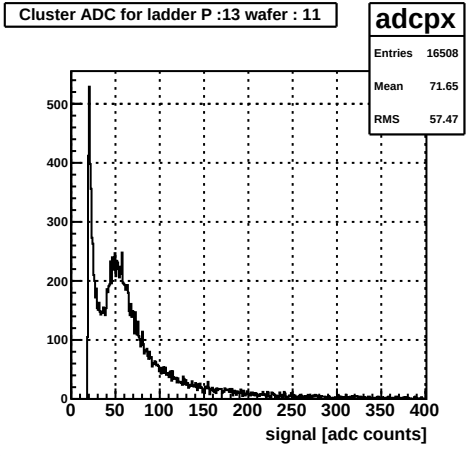

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 22369
Mean 58.3
RMS 51.4
signal [adc counts]

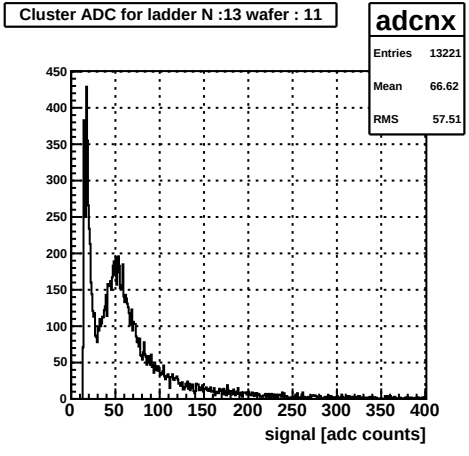

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 22596
Mean 43.05
RMS 42.46
signal [adc counts]

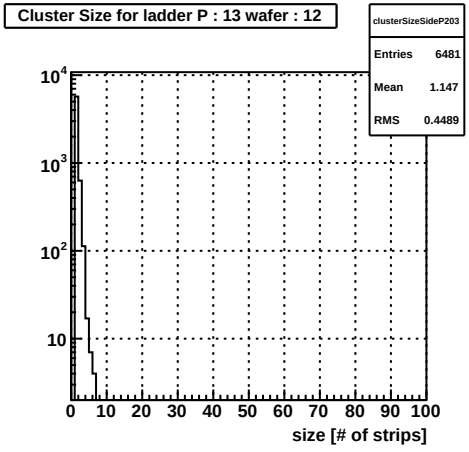

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 16508
Mean 1.311
RMS 0.6288
size [# of strips]

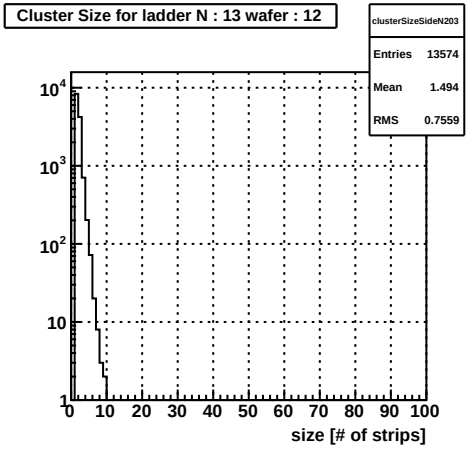

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 13221
Mean 1.491
RMS 0.7652
size [# of strips]

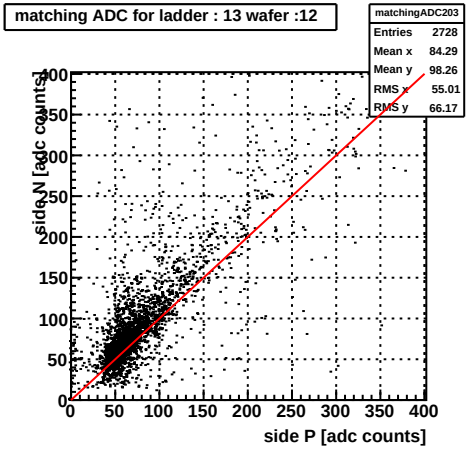

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 9296
Mean x 81.75
Mean y 78.1
RMS x 58.78
RMS y 56.51
side N [adc counts]
side P [adc counts]

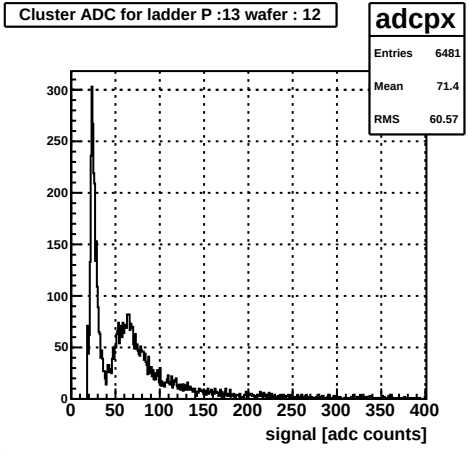

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 16508
Mean 71.65
RMS 57.47
signal [adc counts]

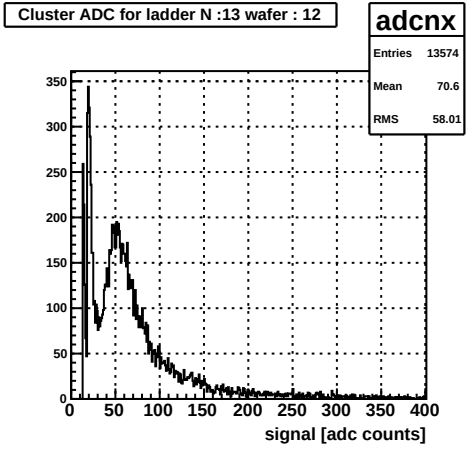

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 13221
Mean 66.62
RMS 57.51
signal [adc counts]

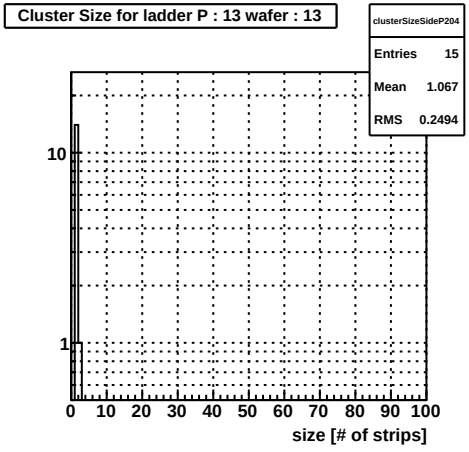

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 6481
Mean 1.147
RMS 0.4489
size [# of strips]

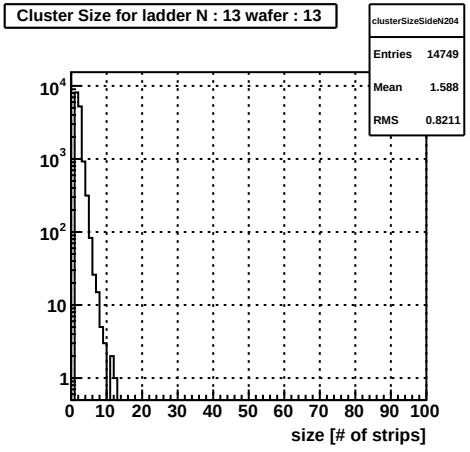

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 13574
Mean 1.494
RMS 0.7559
size [# of strips]

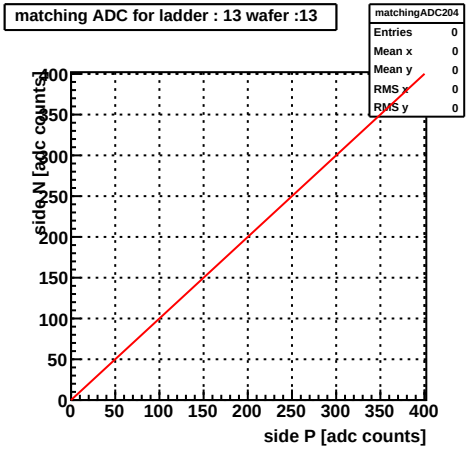

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 2728
Mean x 84.29
Mean y 98.26
RMS x 55.01
RMS y 66.17
side N [adc counts]
side P [adc counts]

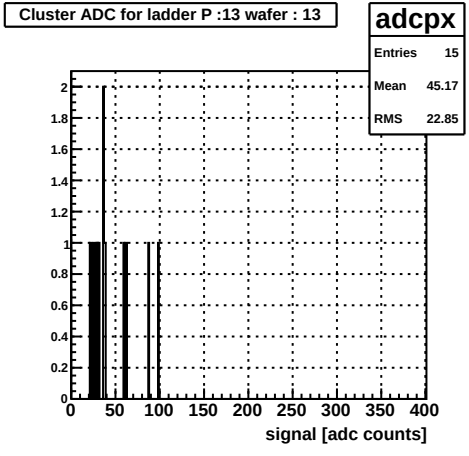

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 6481
Mean 71.4
RMS 60.57
signal [adc counts]

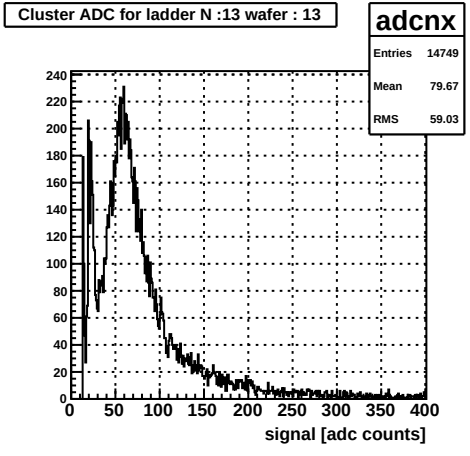

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 13574
Mean 70.6
RMS 58.01
signal [adc counts]

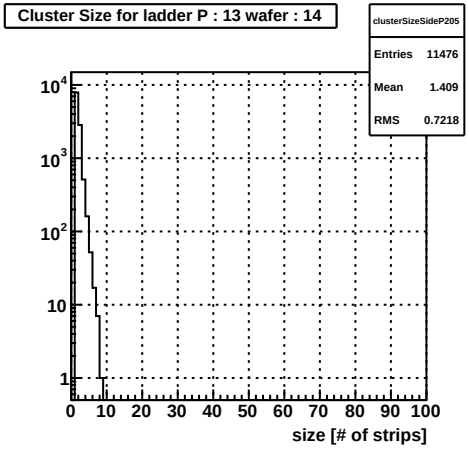

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

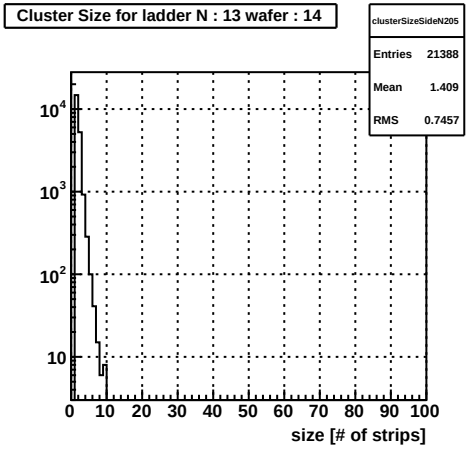

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 14749
Mean 1.588
RMS 0.8211
size [# of strips]

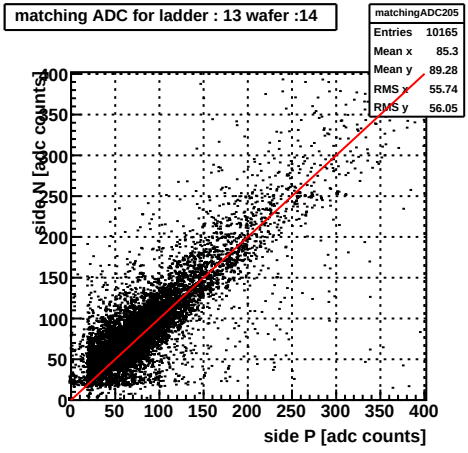

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

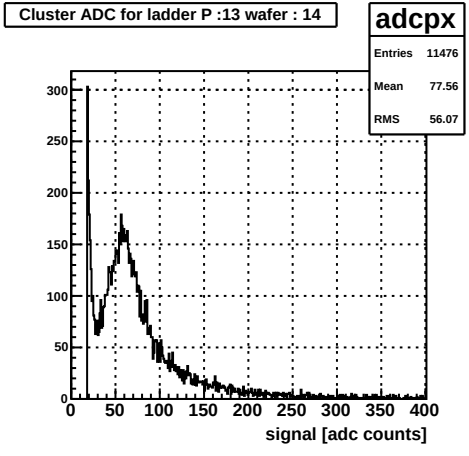

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 15
Mean 45.17
RMS 22.85
signal [adc counts]

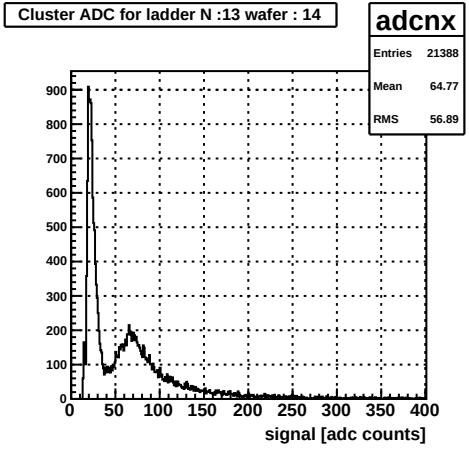

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 14749
Mean 79.67
RMS 59.03
signal [adc counts]

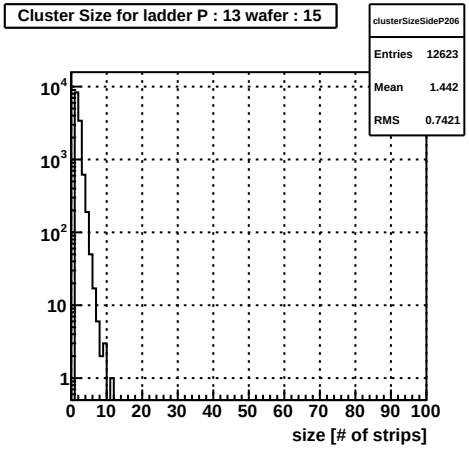

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 11476
Mean 1.409
RMS 0.7218
size [# of strips]

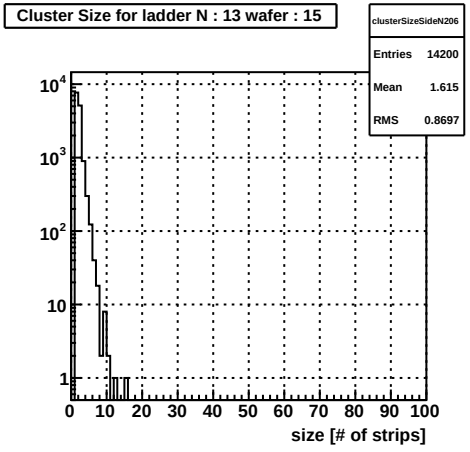

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 21388
Mean 1.409
RMS 0.7457
size [# of strips]

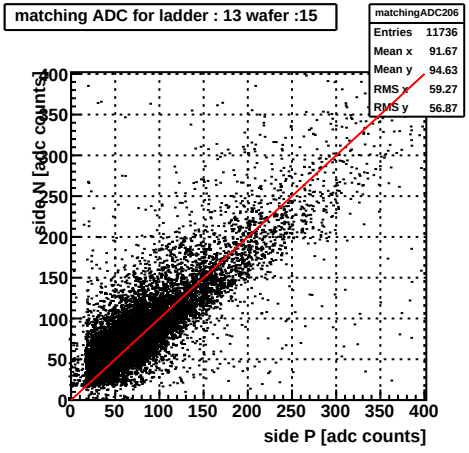

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 10165
Mean x 85.3
Mean y 89.28
RMS x 55.74
RMS y 56.05
side N [adc counts]
side P [adc counts]

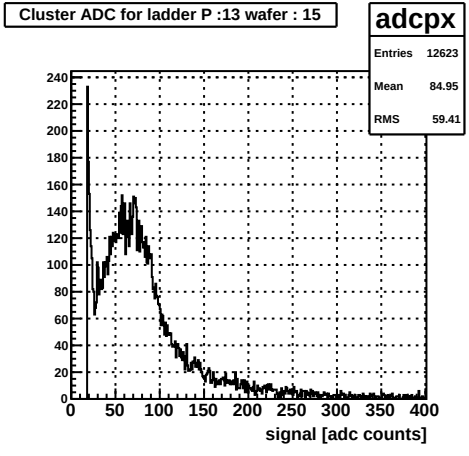

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 11476
Mean 77.56
RMS 56.07
signal [adc counts]

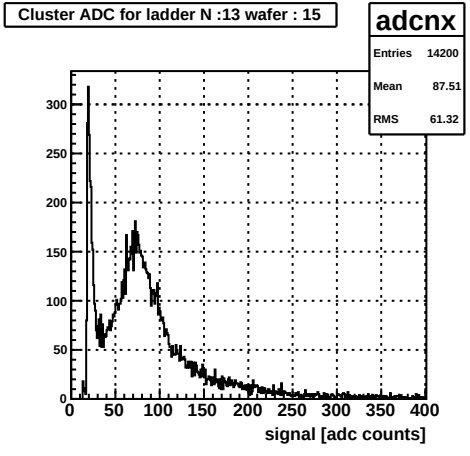

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 21388
Mean 64.77
RMS 56.89
signal [adc counts]

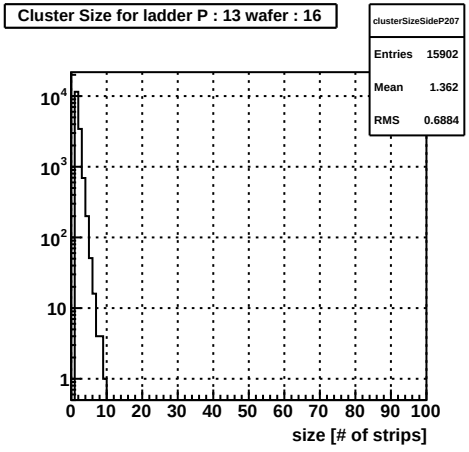

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 12623
Mean 1.442
RMS 0.7421
size [# of strips]

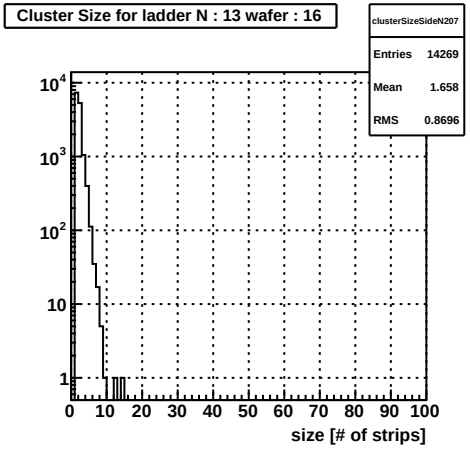

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 14200
Mean 1.615
RMS 0.8697
size [# of strips]

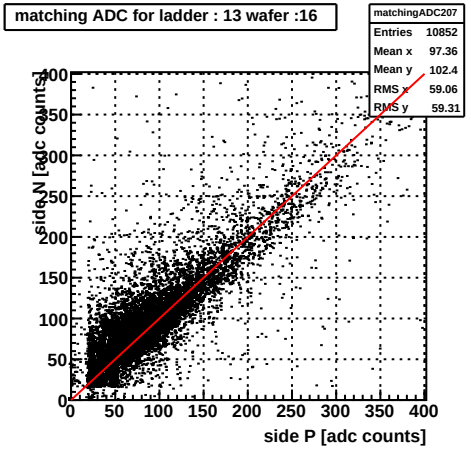

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 11736
Mean x 91.67
Mean y 94.63
RMS x 59.27
RMS y 56.87
side N [adc counts]
side P [adc counts]

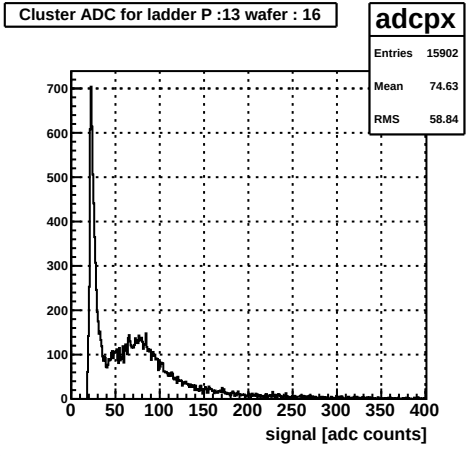

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 12623
Mean 84.95
RMS 59.41
signal [adc counts]

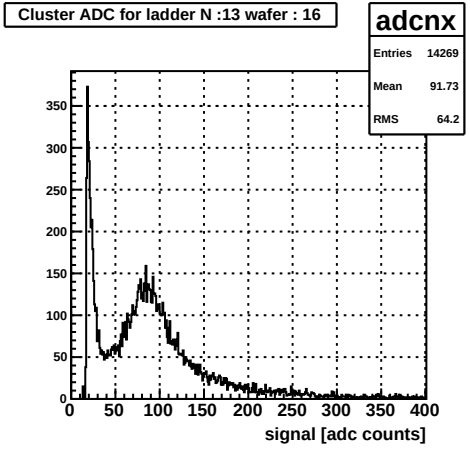

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 14200
Mean 87.51
RMS 61.32
signal [adc counts]

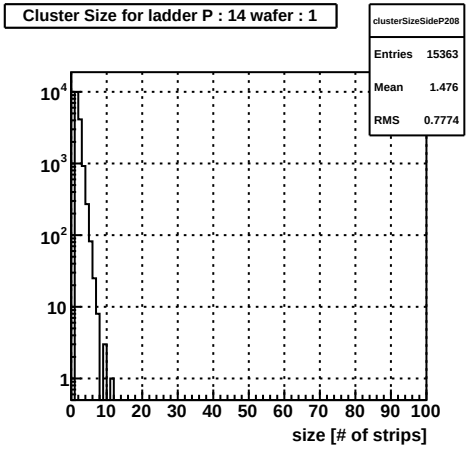

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 15902
Mean 1.362
RMS 0.6884
size [# of strips]

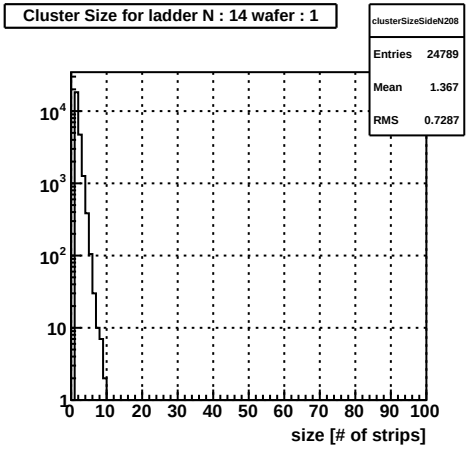

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 14269
Mean 1.658
RMS 0.8696
size [# of strips]

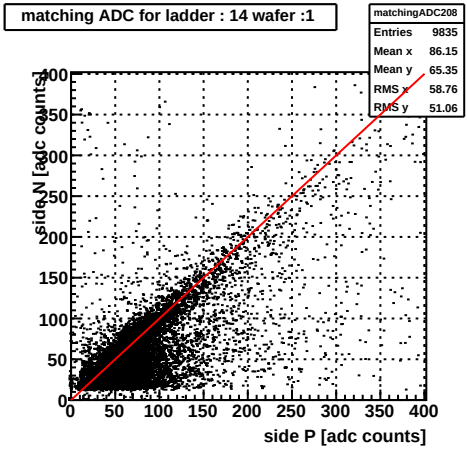

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 10852
Mean x 97.36
Mean y 102.4
RMS x 59.06
RMS y 59.31
side N [adc counts]
side P [adc counts]

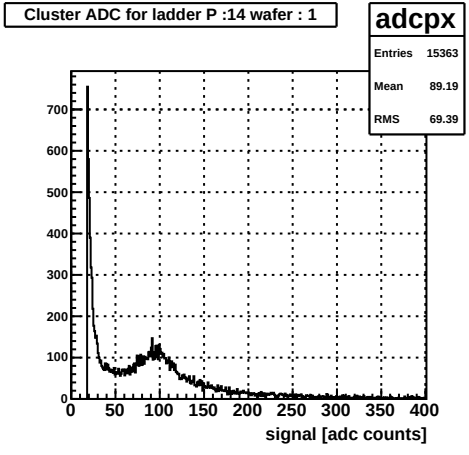

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 15902
Mean 74.63
RMS 58.84
signal [adc counts]

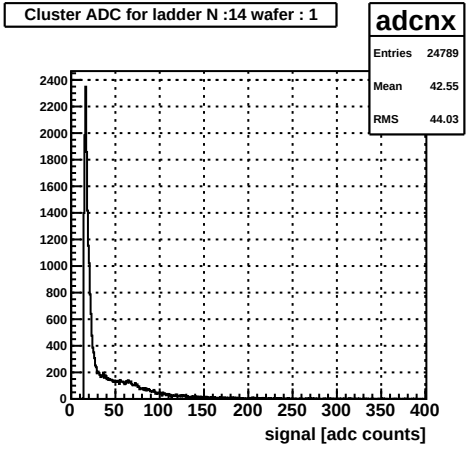

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 14269
Mean 91.73
RMS 64.2
signal [adc counts]

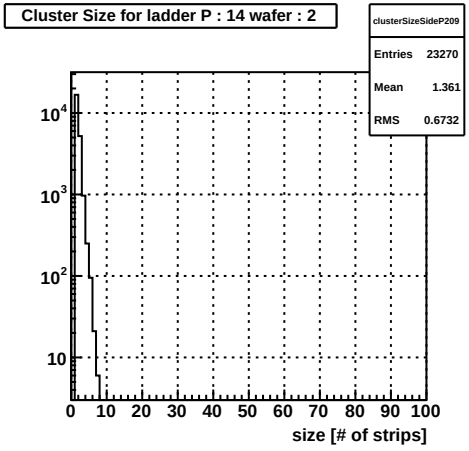

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 15363
Mean 1.476
RMS 0.7774
size [# of strips]

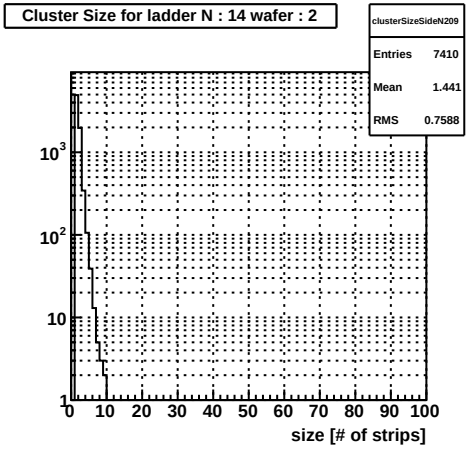

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 24789
Mean 1.367
RMS 0.7287
size [# of strips]

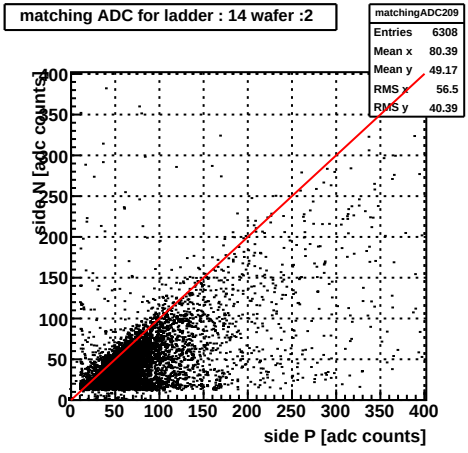

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 9835
Mean x 86.15
Mean y 65.35
RMS x 58.76
RMS y 51.06
side N [adc counts]
side P [adc counts]

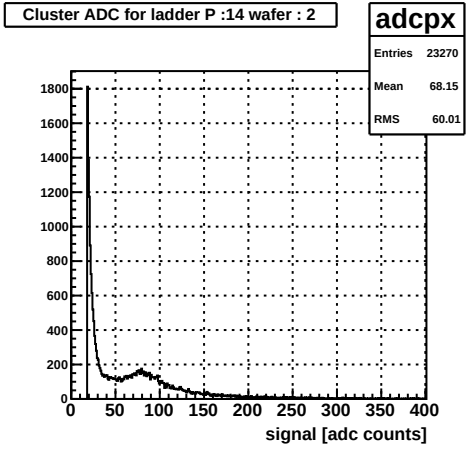

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 15363
Mean 89.19
RMS 69.39
signal [adc counts]

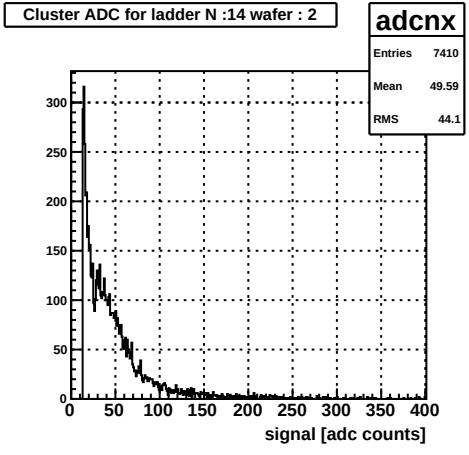

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 24789
Mean 42.55
RMS 44.03
signal [adc counts]

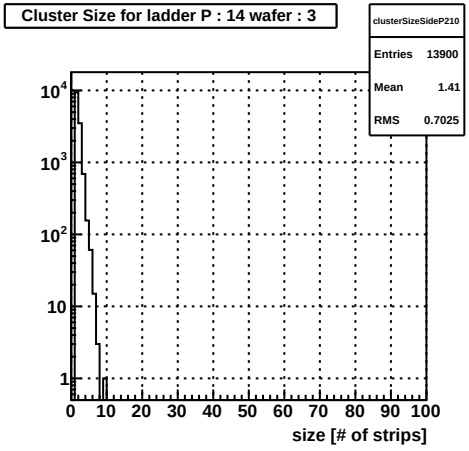

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 23270
Mean 1.361
RMS 0.6732
size [# of strips]

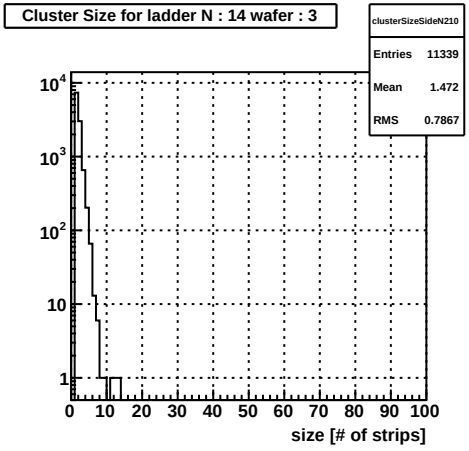

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 7410
Mean 1.441
RMS 0.7588
size [# of strips]

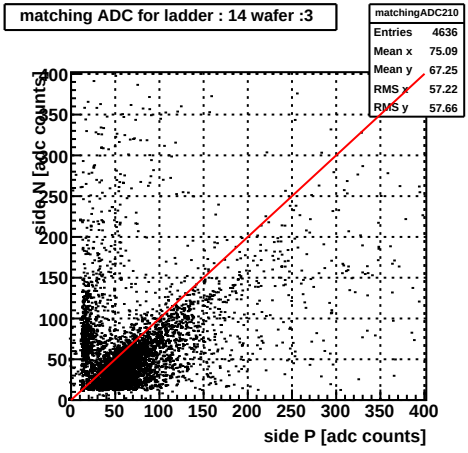

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 6308
Mean x 80.39
Mean y 49.17
RMS x 56.5
RMS y 40.39
side N [adc counts]
side P [adc counts]

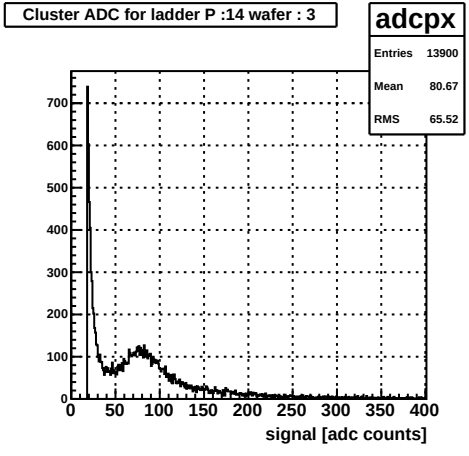

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 23270
Mean 68.15
RMS 60.01
signal [adc counts]

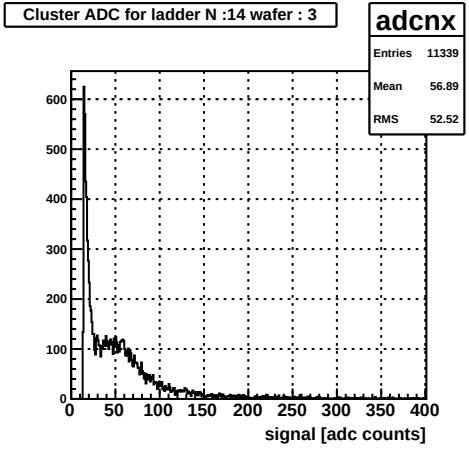

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 7410
Mean 49.59
RMS 44.1
signal [adc counts]

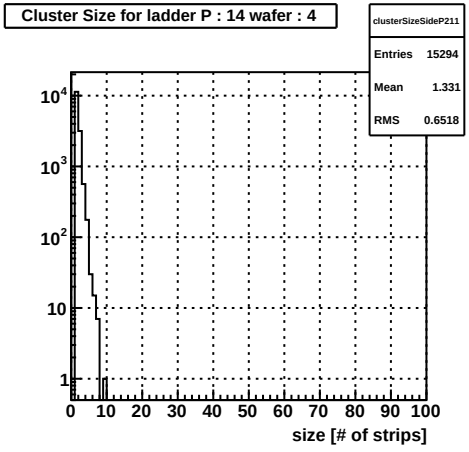

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 13900
Mean 1.41
RMS 0.7025
size [# of strips]

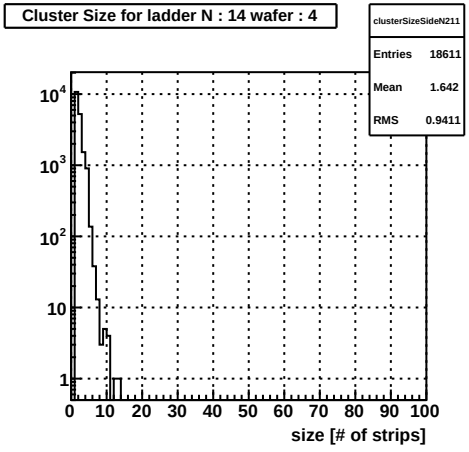

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 11339
Mean 1.472
RMS 0.7867
size [# of strips]

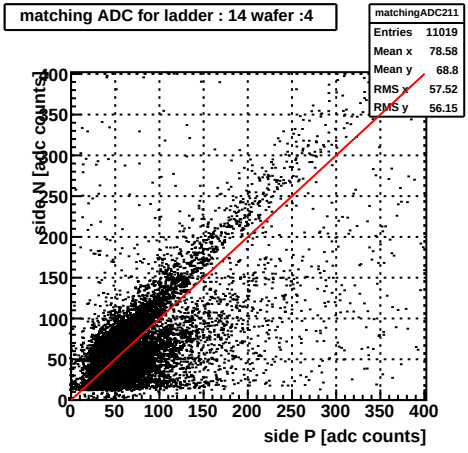

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 4636
Mean x 75.09
Mean y 67.25
RMS x 57.22
RMS y 57.66
side N [adc counts]
side P [adc counts]

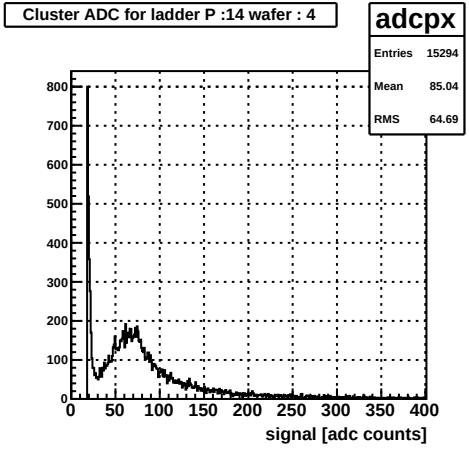

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 13900
Mean 80.67
RMS 65.52
signal [adc counts]

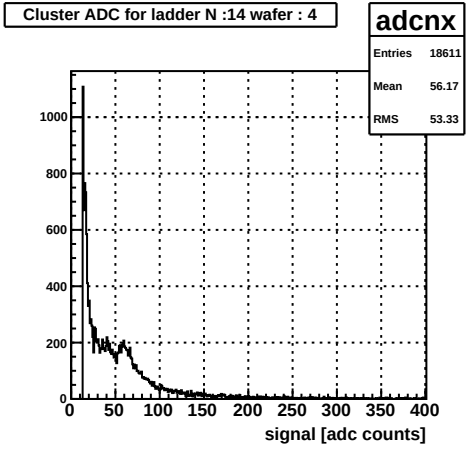

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 11339
Mean 56.89
RMS 52.52
signal [adc counts]

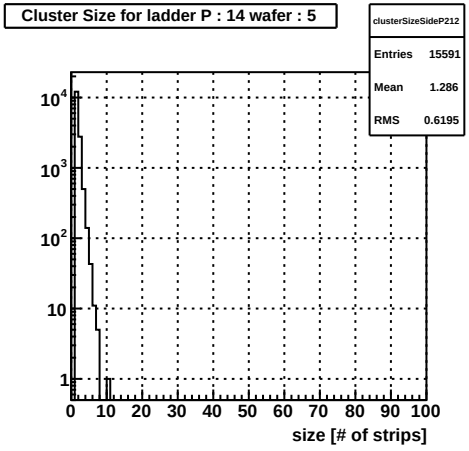

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 15294
Mean 1.331
RMS 0.6518
size [# of strips]

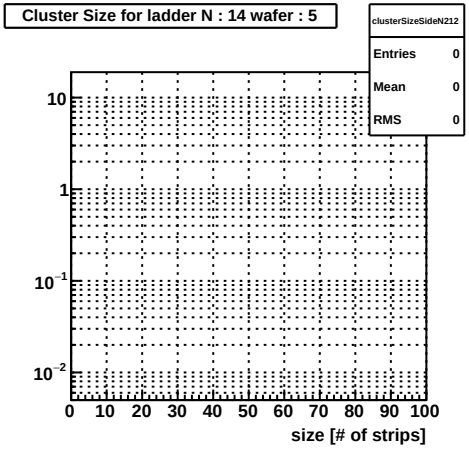

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 18611
Mean 1.642
RMS 0.9411
size [# of strips]

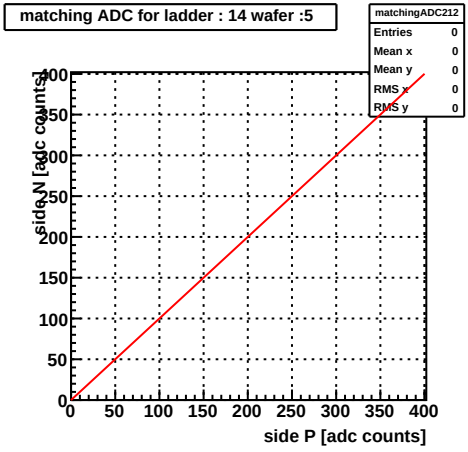

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 11019
Mean x 78.58
Mean y 68.8
RMS x 57.52
RMS y 56.15
side N [adc counts]
side P [adc counts]

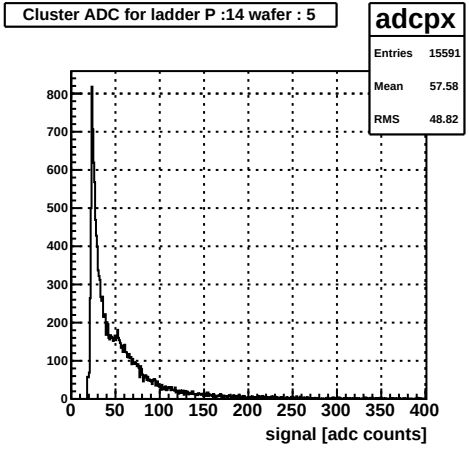

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 15294
Mean 85.04
RMS 64.69
signal [adc counts]

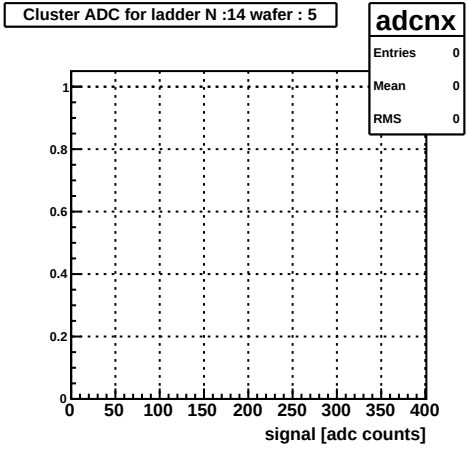

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 18611
Mean 56.17
RMS 53.33
signal [adc counts]

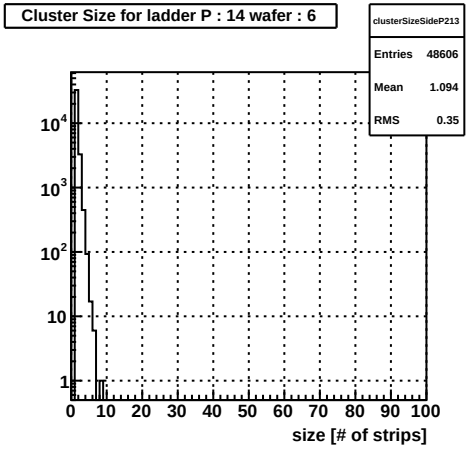

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 15591
Mean 1.286
RMS 0.6195
size [# of strips]

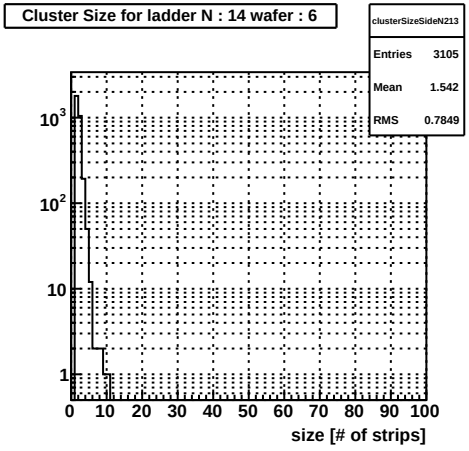

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

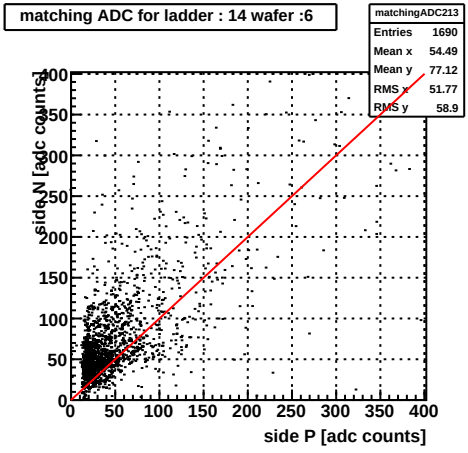

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

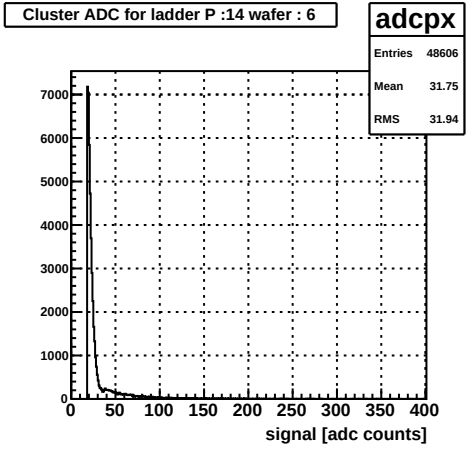

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 15591
Mean 57.58
RMS 48.82
signal [adc counts]

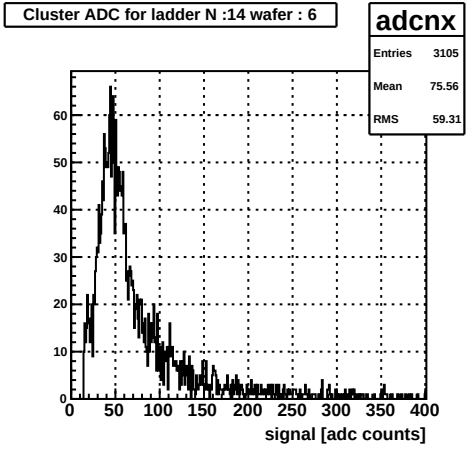

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

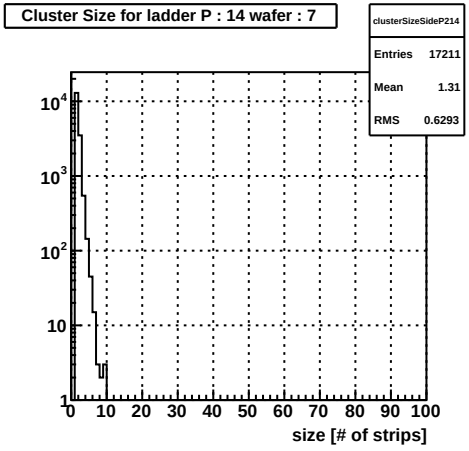

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 48606
Mean 1.094
RMS 0.35
size [# of strips]

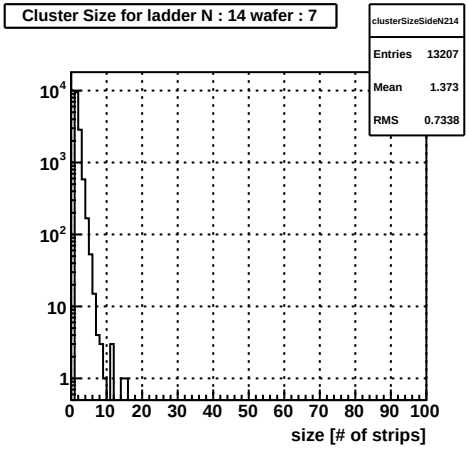

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 3105
Mean 1.542
RMS 0.7849
size [# of strips]

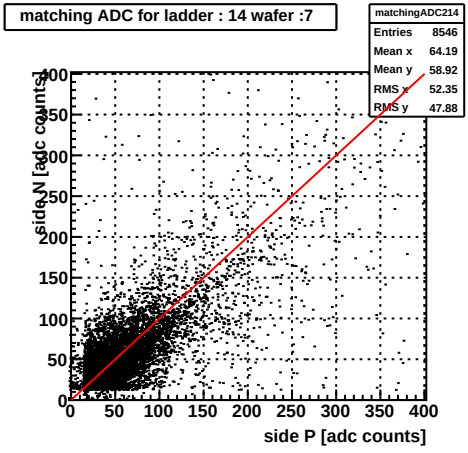

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1690
Mean x 54.49
Mean y 77.12
RMS x 51.77
RMS y 58.9
side N [adc counts]
side P [adc counts]

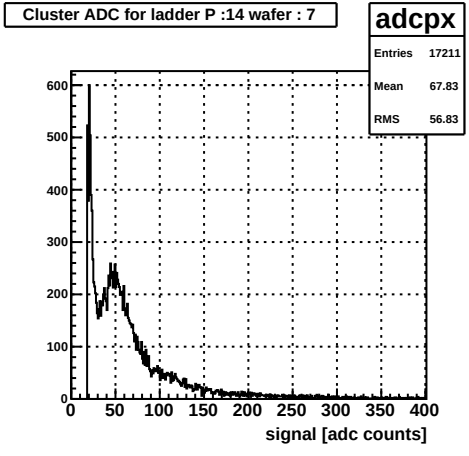

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 48606
Mean 31.75
RMS 31.94
signal [adc counts]

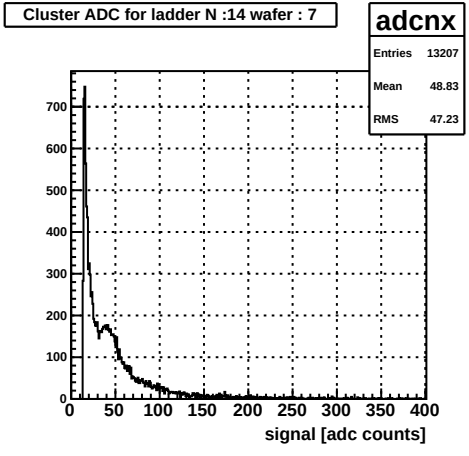

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 3105
Mean 75.56
RMS 59.31
signal [adc counts]

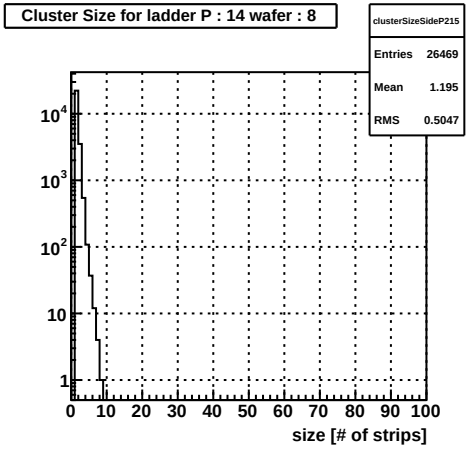

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 17211
Mean 1.31
RMS 0.6293
size [# of strips]

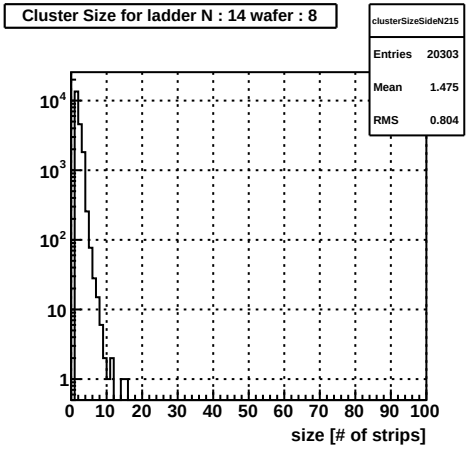

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 13207
Mean 1.373
RMS 0.7338
size [# of strips]

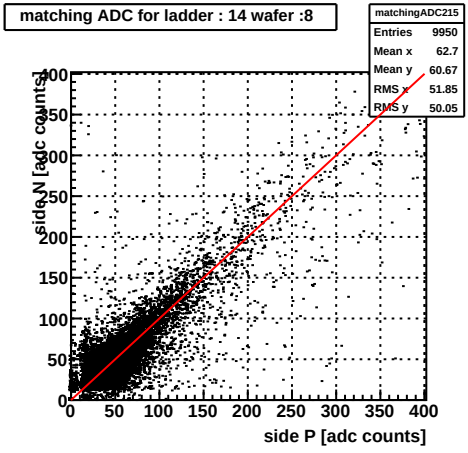

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 8546
Mean x 64.19
Mean y 58.92
RMS x 52.35
RMS y 47.88
side N [adc counts]
side P [adc counts]

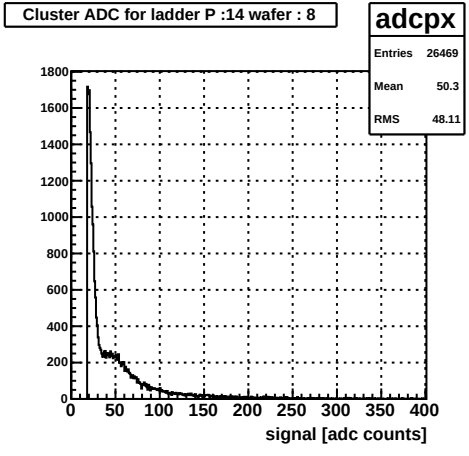

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 17211
Mean 67.83
RMS 56.83
signal [adc counts]

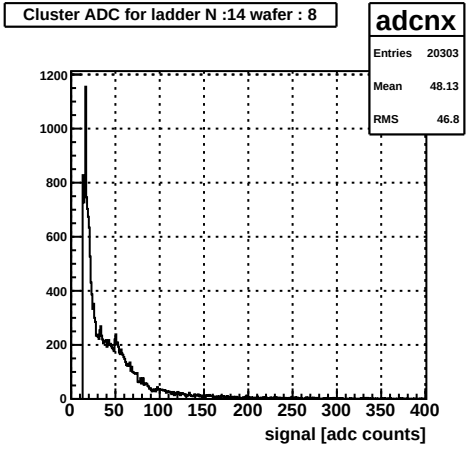

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 13207
Mean 48.83
RMS 47.23
signal [adc counts]

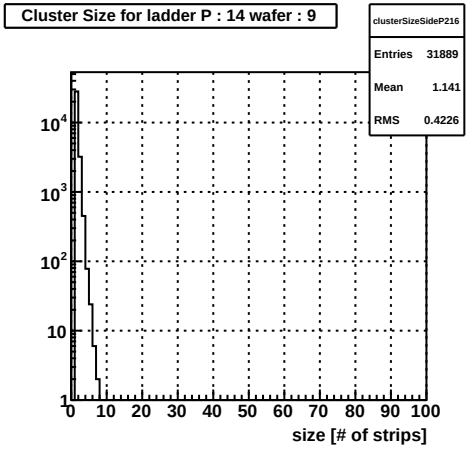

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 26469
Mean 1.195
RMS 0.5047
size [# of strips]

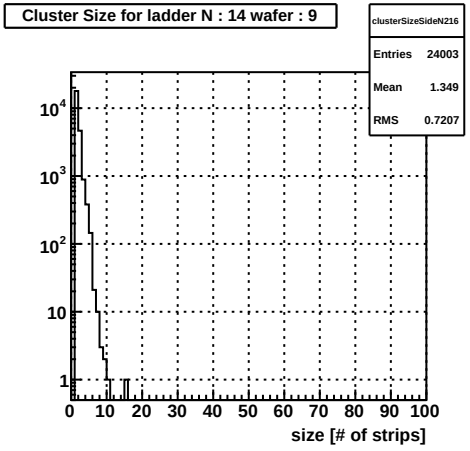

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 20303
Mean 1.475
RMS 0.804
size [# of strips]

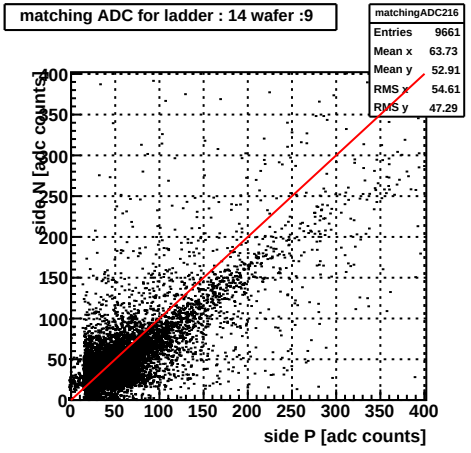

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 9950
Mean x 62.7
Mean y 60.67
RMS x 51.85
RMS y 50.05
side N [adc counts]
side P [adc counts]

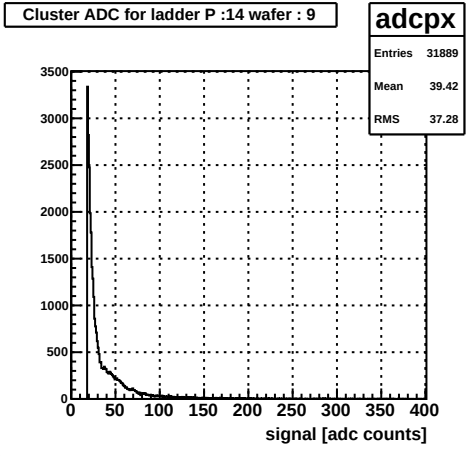

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 26469
Mean 50.3
RMS 48.11
signal [adc counts]

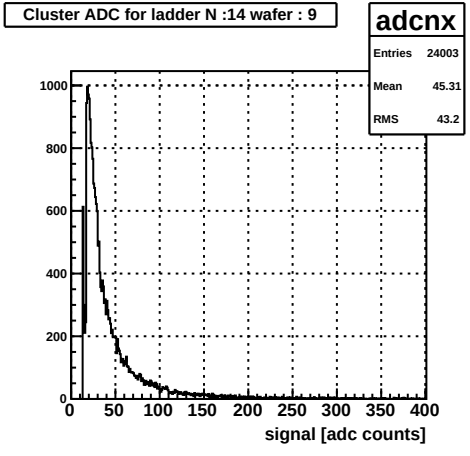

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 20303
Mean 48.13
RMS 46.8
signal [adc counts]

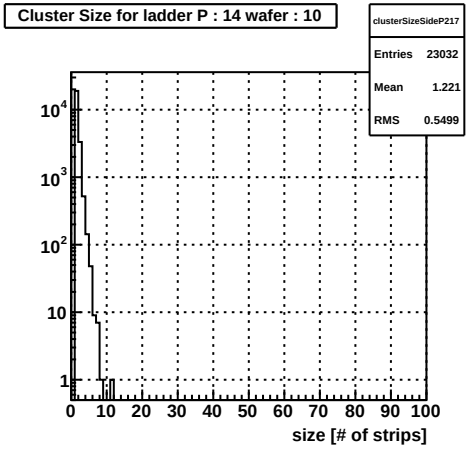

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 31889
Mean 1.141
RMS 0.4226
size [# of strips]

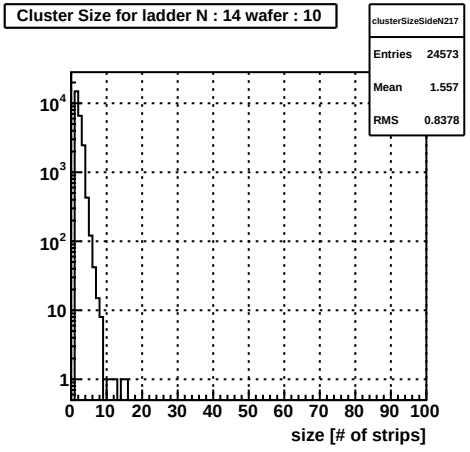

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 24003
Mean 1.349
RMS 0.7207
size [# of strips]

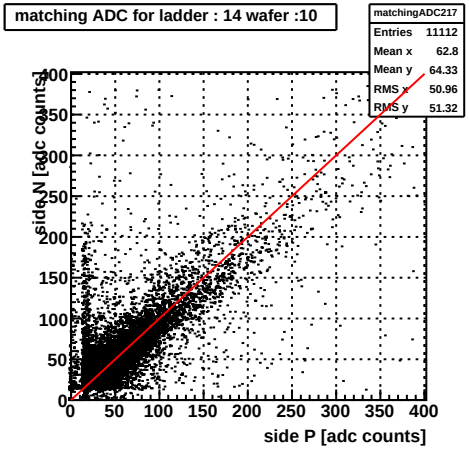

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 9661
Mean x 63.73
Mean y 52.91
RMS x 54.61
RMS y 47.29
side N [adc counts]
side P [adc counts]

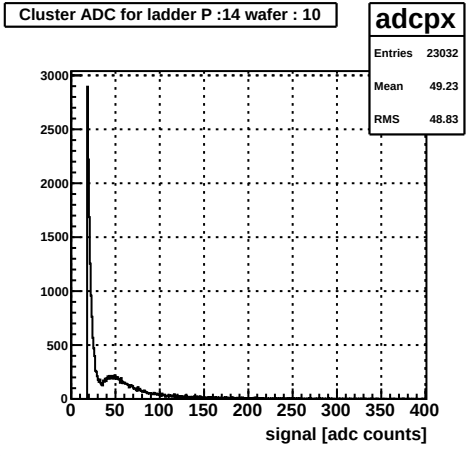

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 31889
Mean 39.42
RMS 37.28
signal [adc counts]

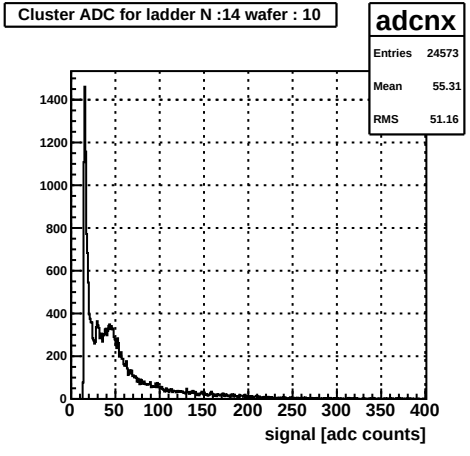

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 24003
Mean 45.31
RMS 43.2
signal [adc counts]

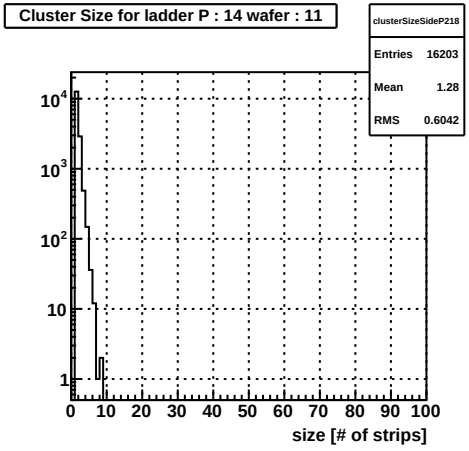

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 23032
Mean 1.221
RMS 0.5499
size [# of strips]

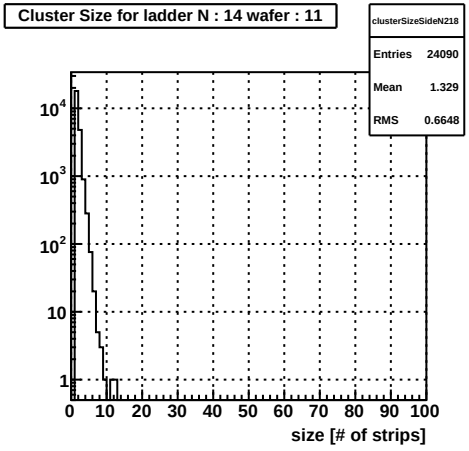

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 24573
Mean 1.557
RMS 0.8378
size [# of strips]

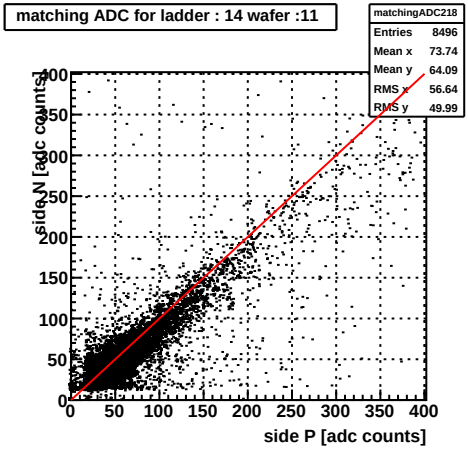

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 11112
Mean x 62.8
Mean y 64.33
RMS x 50.96
RMS y 51.32
side N [adc counts]
side P [adc counts]

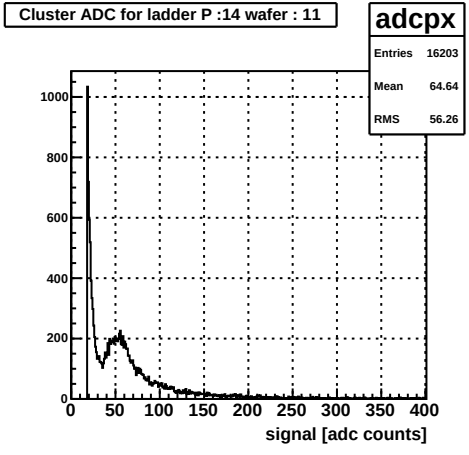

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 23032
Mean 49.23
RMS 48.83
signal [adc counts]

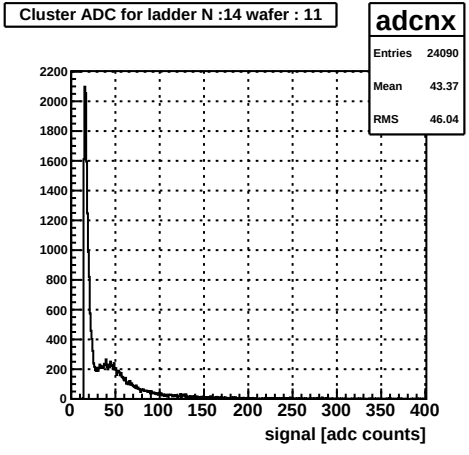

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 24573
Mean 55.31
RMS 51.16
signal [adc counts]

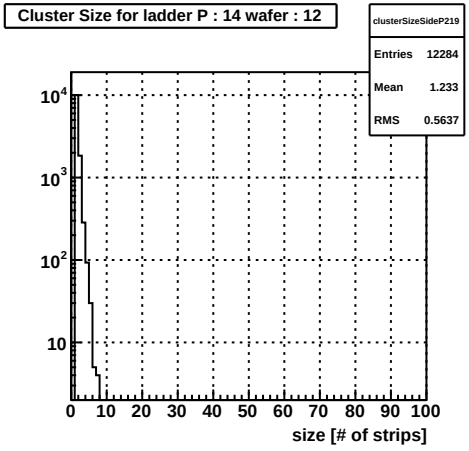

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 16203
Mean 1.28
RMS 0.6042
size [# of strips]

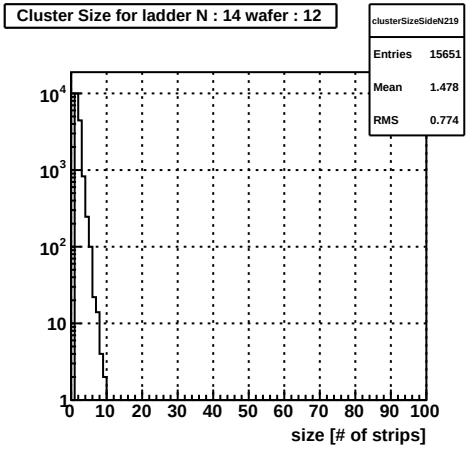

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 24090
Mean 1.329
RMS 0.6648
size [# of strips]

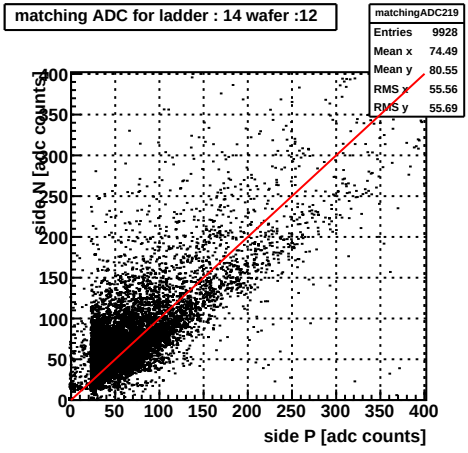

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 8496
Mean x 73.74
Mean y 64.09
RMS x 56.64
RMS y 49.99
side N [adc counts]
side P [adc counts]

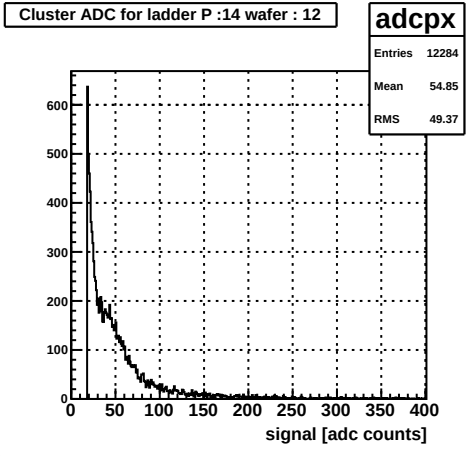

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 16203
Mean 64.64
RMS 56.26
signal [adc counts]

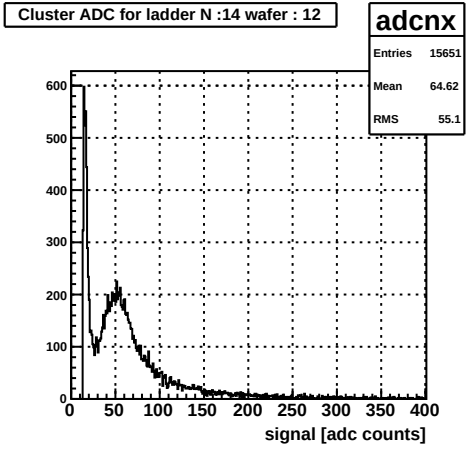

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 24090
Mean 43.37
RMS 46.04
signal [adc counts]

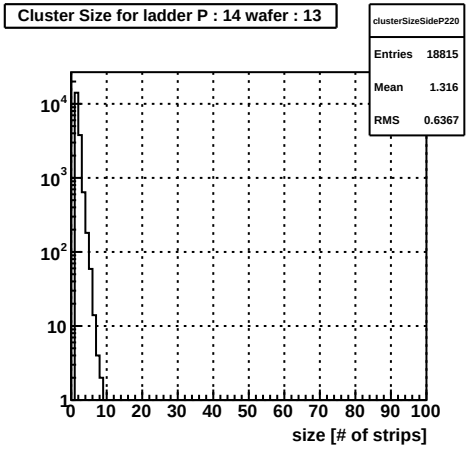

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 12284
Mean 1.233
RMS 0.5637
size [# of strips]

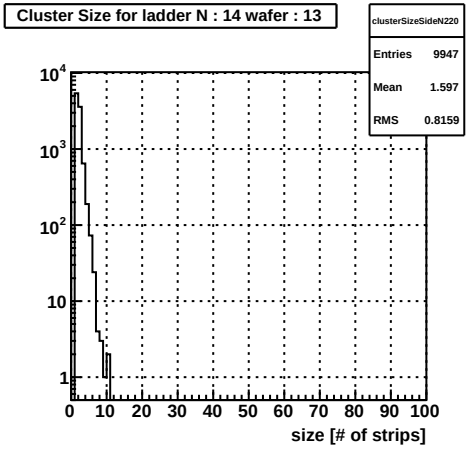

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 15651
Mean 1.478
RMS 0.774
size [# of strips]

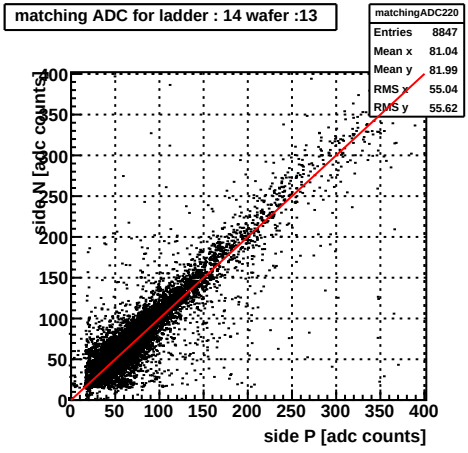

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 9928
Mean x 74.49
Mean y 80.55
RMS x 55.56
RMS y 55.69
side N [adc counts]
side P [adc counts]

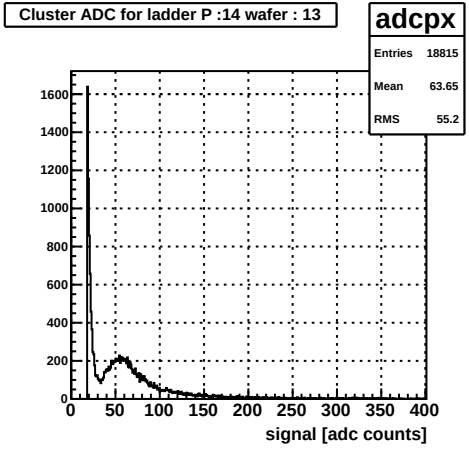

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 12284
Mean 54.85
RMS 49.37
signal [adc counts]

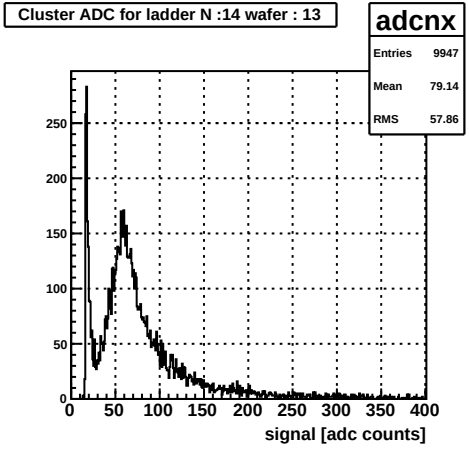

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 15651
Mean 64.62
RMS 55.1
signal [adc counts]

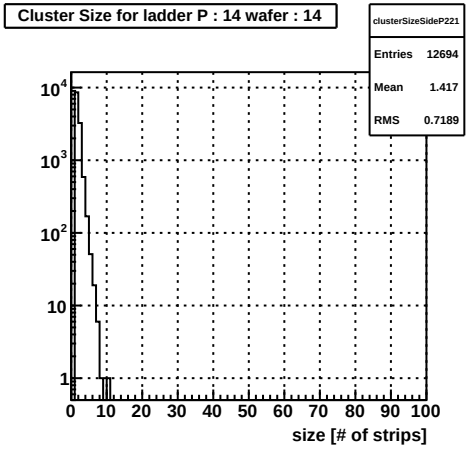

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 18815
Mean 1.316
RMS 0.6367
size [# of strips]

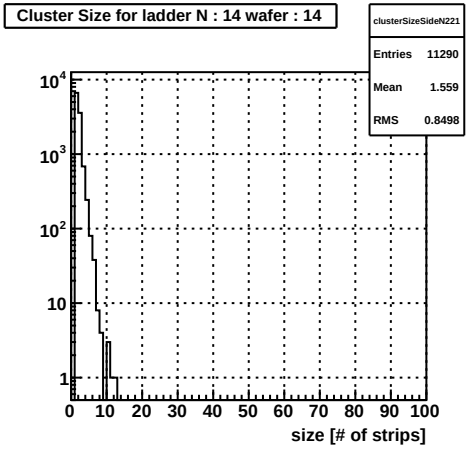

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 9947
Mean 1.597
RMS 0.8159
size [# of strips]

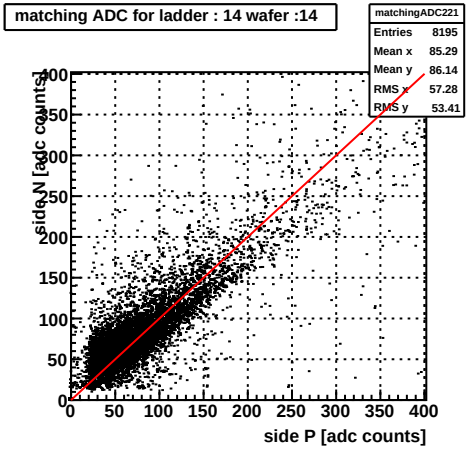

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 8847
Mean x 81.04
Mean y 81.99
RMS x 55.04
RMS y 55.62
side N [adc counts]
side P [adc counts]

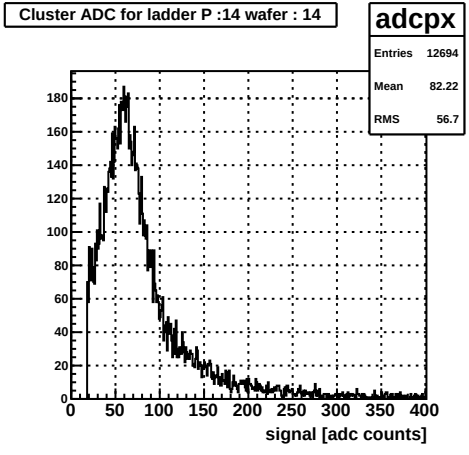

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 18815
Mean 63.65
RMS 55.2
signal [adc counts]

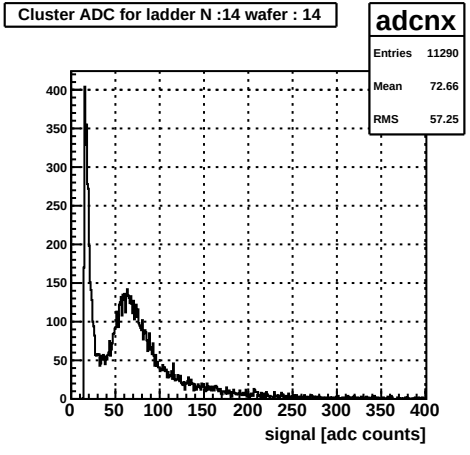

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 9947
Mean 79.14
RMS 57.86
signal [adc counts]

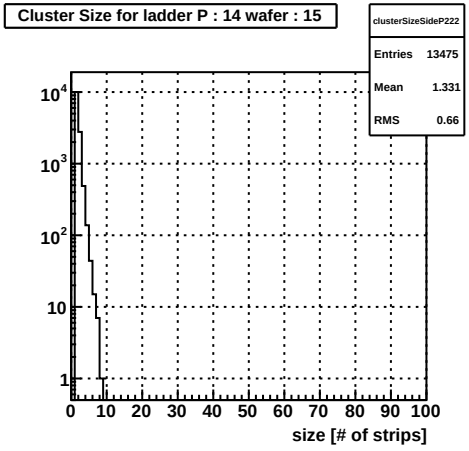

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 12694
Mean 1.417
RMS 0.7189
size [# of strips]

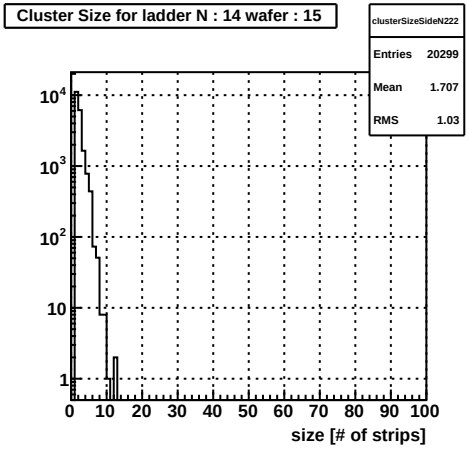

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 11290
Mean 1.559
RMS 0.8498
size [# of strips]

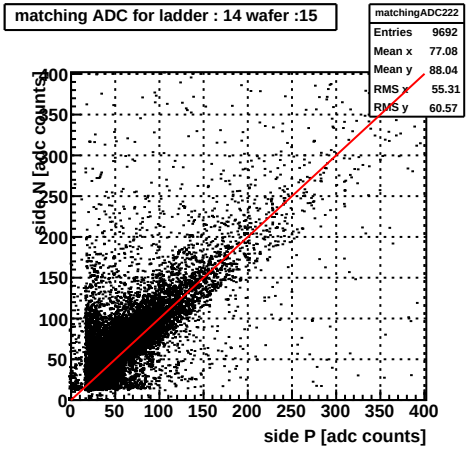

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 8195
Mean x 85.29
Mean y 86.14
RMS x 57.28
RMS y 53.41
side N [adc counts]
side P [adc counts]

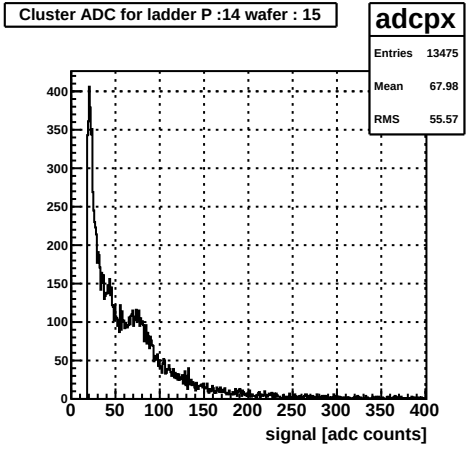

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 12694
Mean 82.22
RMS 56.7
signal [adc counts]

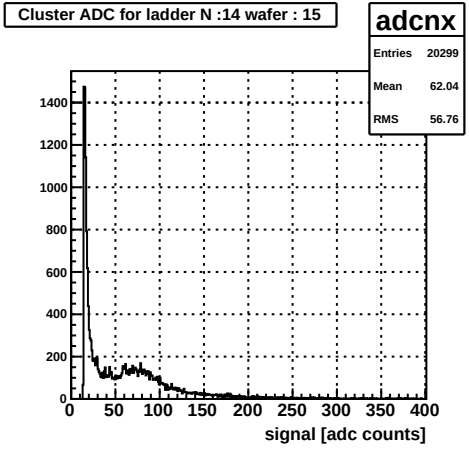

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 11290
Mean 72.66
RMS 57.25
signal [adc counts]

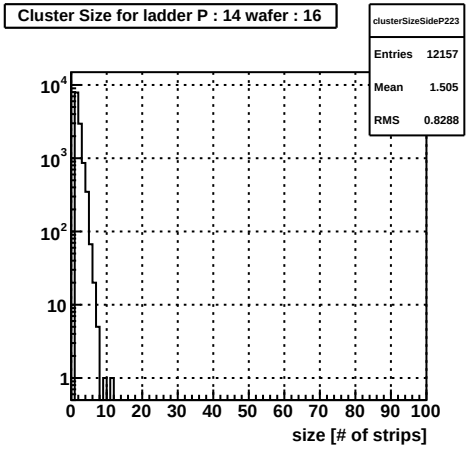

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 13475
Mean 1.331
RMS 0.66
size [# of strips]

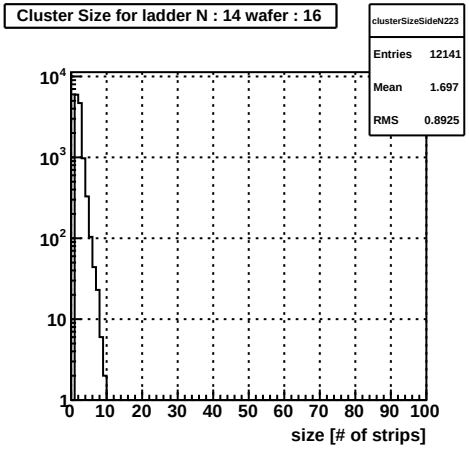

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 20299
Mean 1.707
RMS 1.03
size [# of strips]

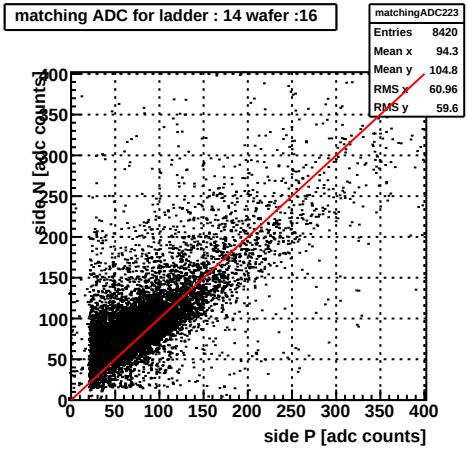

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 9692
Mean x 77.08
Mean y 88.04
RMS x 55.31
RMS y 60.57
side N [adc counts]
side P [adc counts]

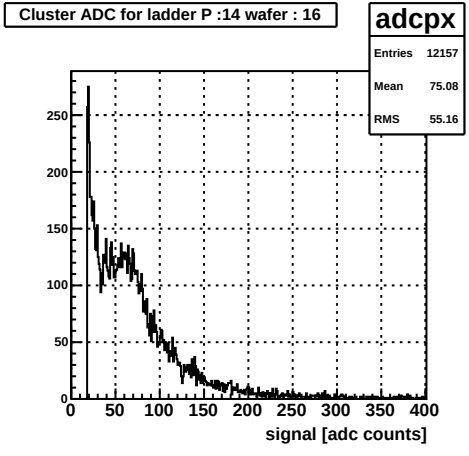

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 13475
Mean 67.98
RMS 55.57
signal [adc counts]

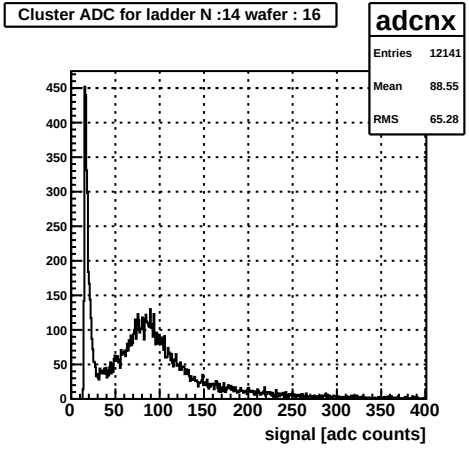

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 20299
Mean 62.04
RMS 56.76
signal [adc counts]

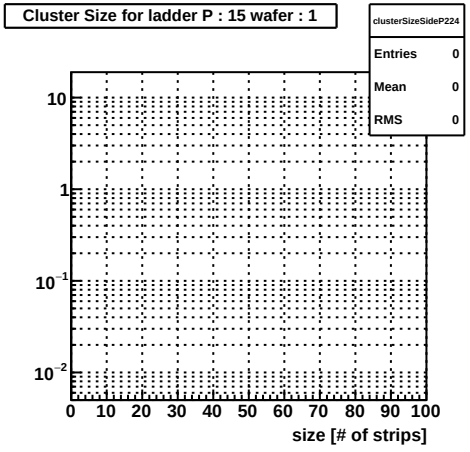

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 12157
Mean 1.505
RMS 0.8288
size [# of strips]

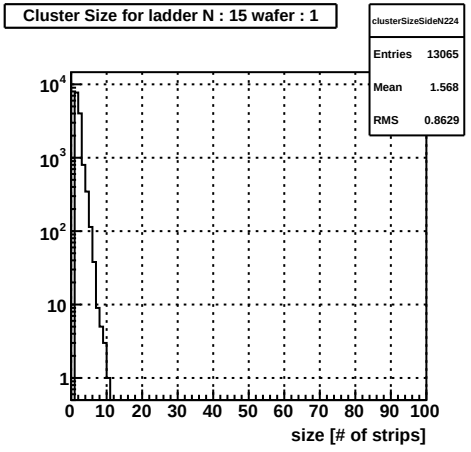

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 12141
Mean 1.697
RMS 0.8925
size [# of strips]

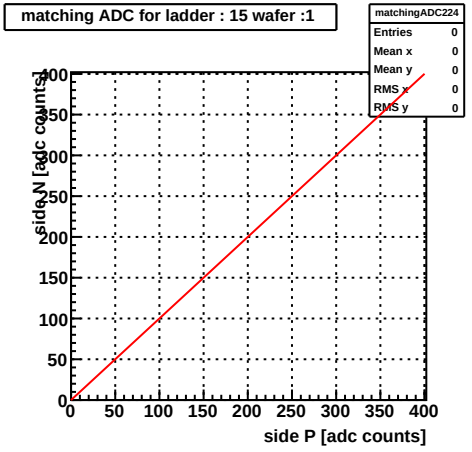

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 8420
Mean x 94.3
Mean y 104.8
RMS x 60.96
RMS y 59.6
side N [adc counts]
side P [adc counts]

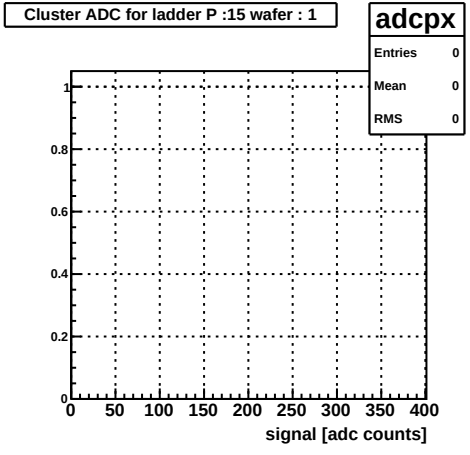

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 12157
Mean 75.08
RMS 55.16
signal [adc counts]

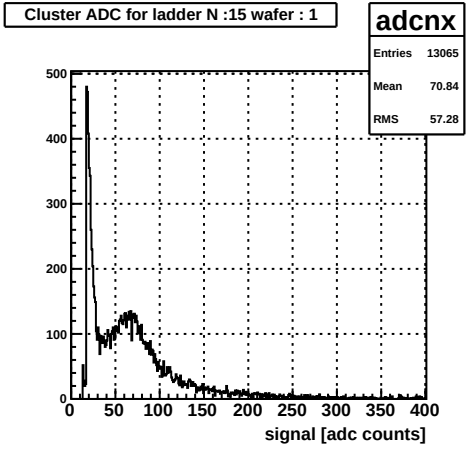

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 12141
Mean 88.55
RMS 65.28
signal [adc counts]

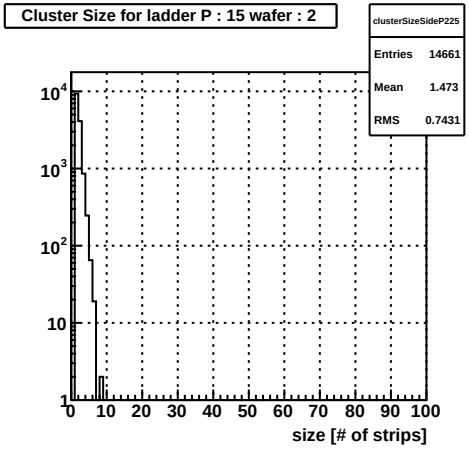

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

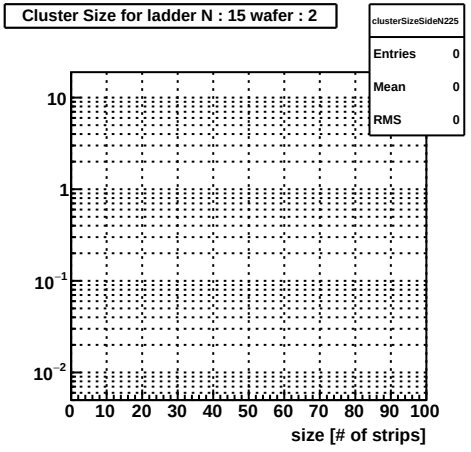

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13065
Mean 1.568
RMS 0.8629
size [# of strips]

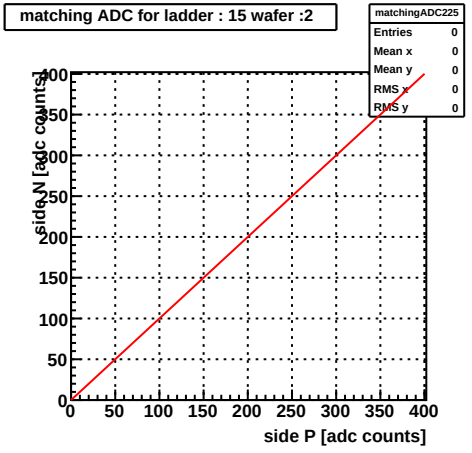

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

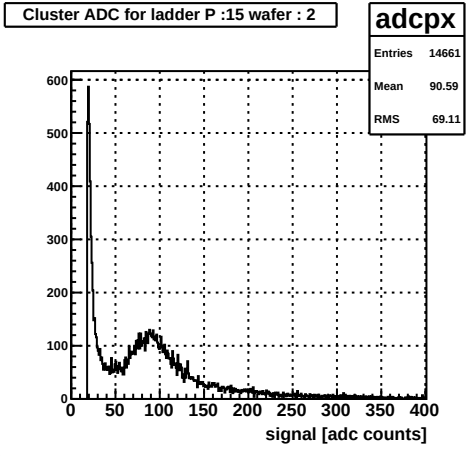

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

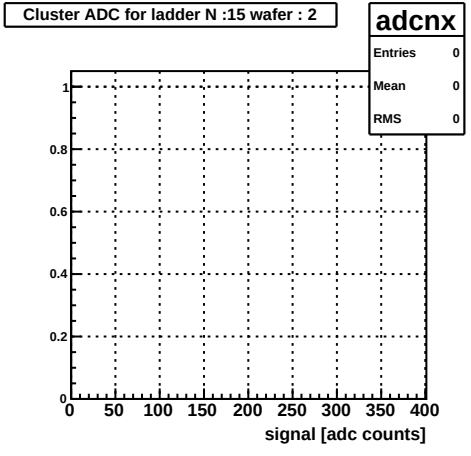

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13065
Mean 70.84
RMS 57.28
signal [adc counts]

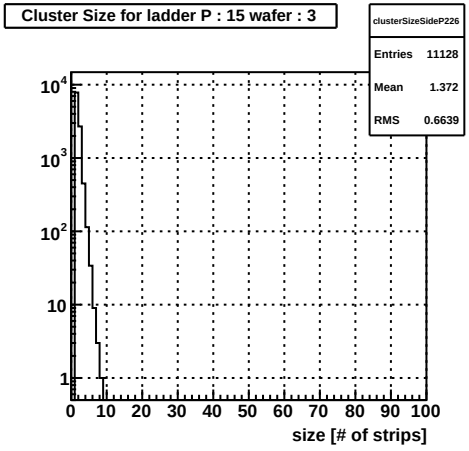

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 14661
Mean 1.473
RMS 0.7431
size [# of strips]

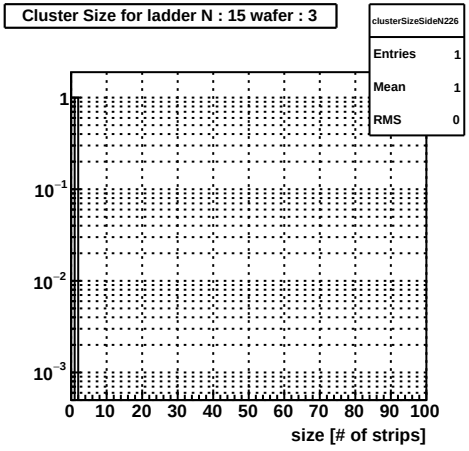

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

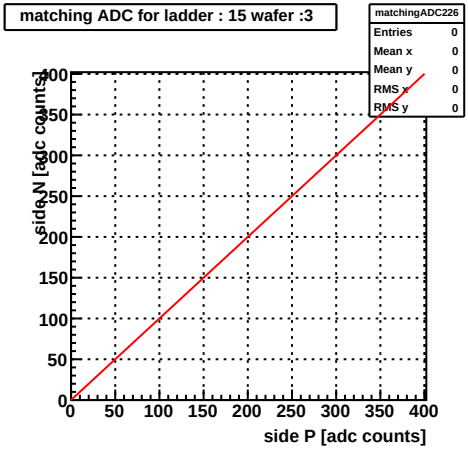

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

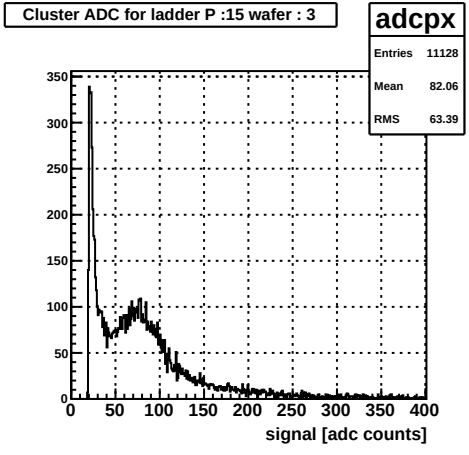

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 14661
Mean 90.59
RMS 69.11
signal [adc counts]

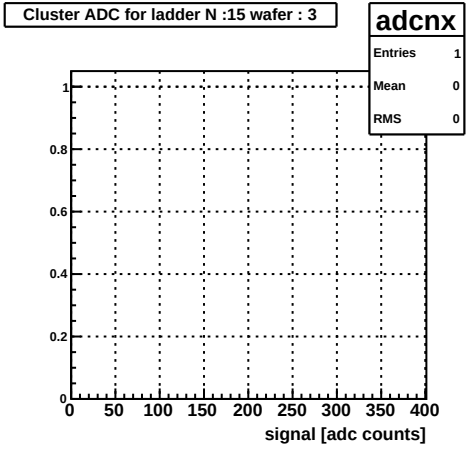

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

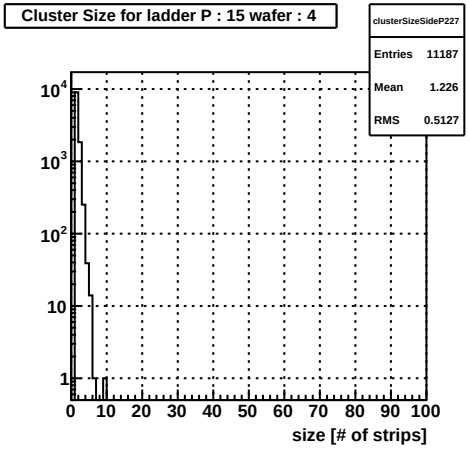

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 11128
Mean 1.372
RMS 0.6639
size [# of strips]

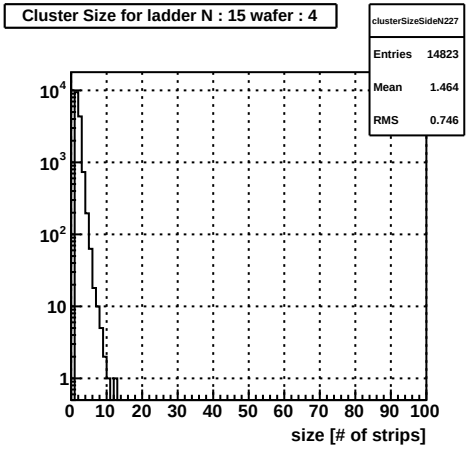

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

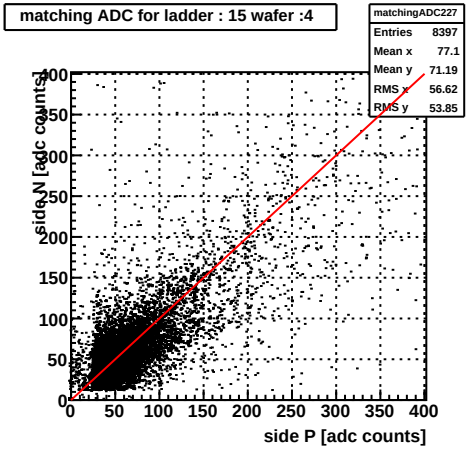

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

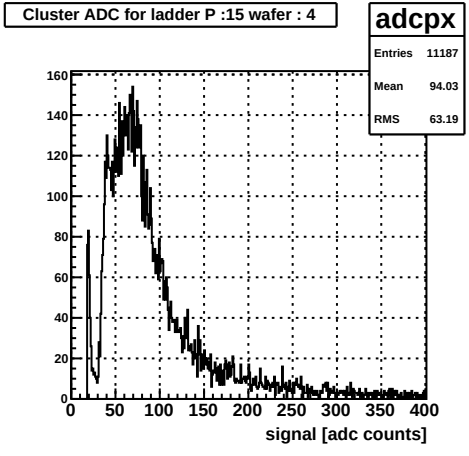

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 11128
Mean 82.06
RMS 63.39
signal [adc counts]

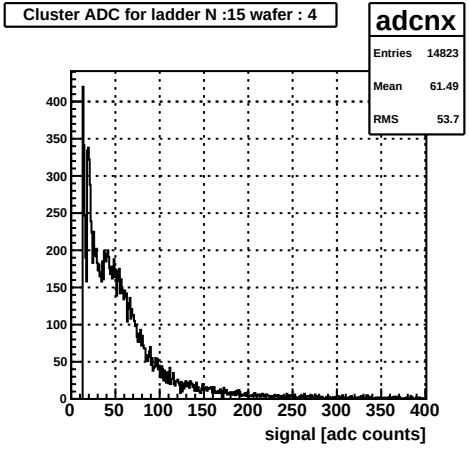

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

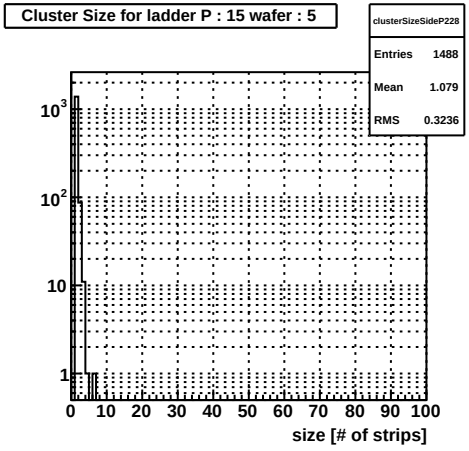

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 11187
Mean 1.226
RMS 0.5127
size [# of strips]

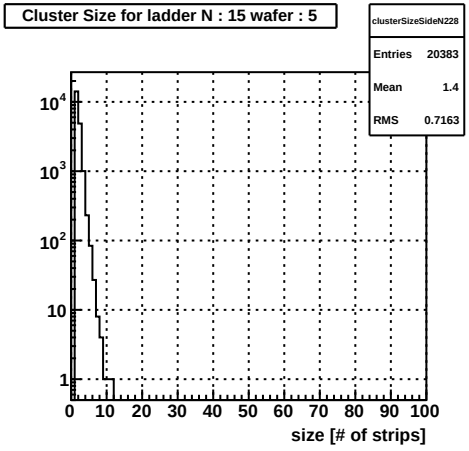

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 14823
Mean 1.464
RMS 0.746
size [# of strips]

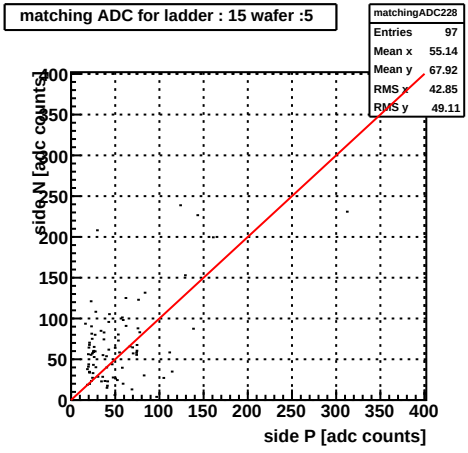

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 8397
Mean x 77.1
Mean y 71.19
RMS x 56.62
RMS y 53.85
side N [adc counts]
side P [adc counts]

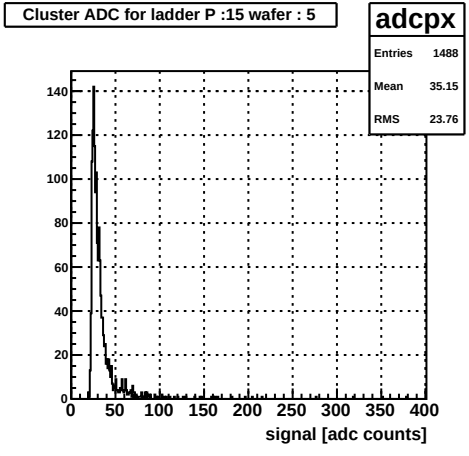

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 11187
Mean 94.03
RMS 63.19
signal [adc counts]

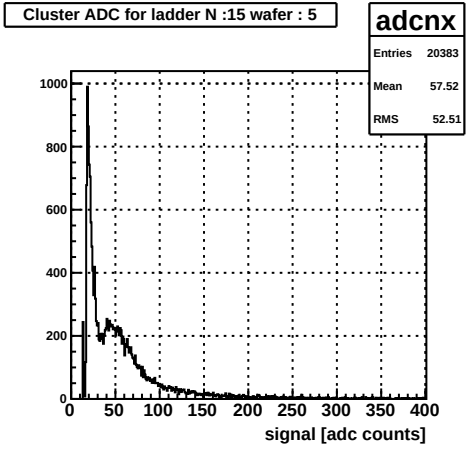

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 14823
Mean 61.49
RMS 53.7
signal [adc counts]

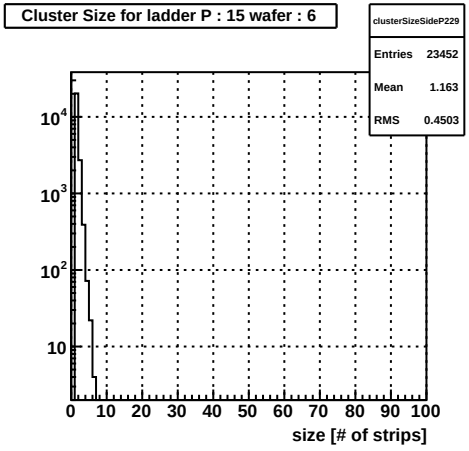

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1488
Mean 1.079
RMS 0.3236
size [# of strips]

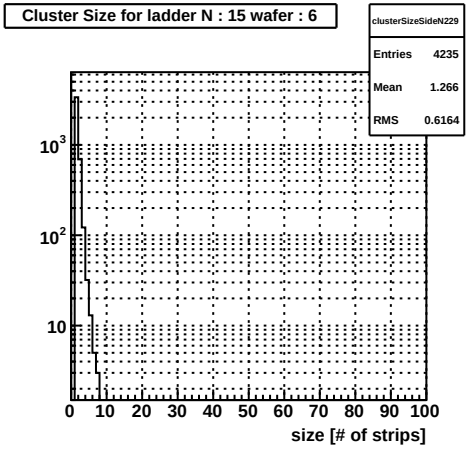

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 20383
Mean 1.4
RMS 0.7163
size [# of strips]

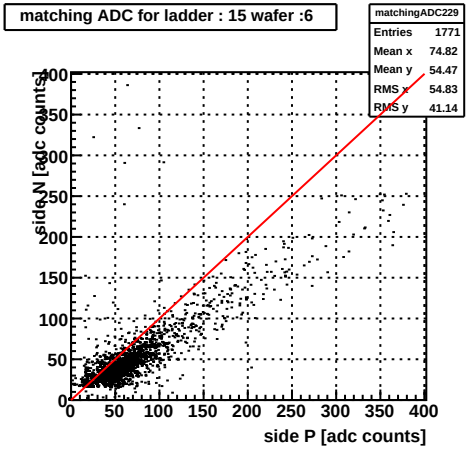

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 97
Mean x 55.14
Mean y 67.92
RMS x 42.85
RMS y 49.11
side N [adc counts]
side P [adc counts]

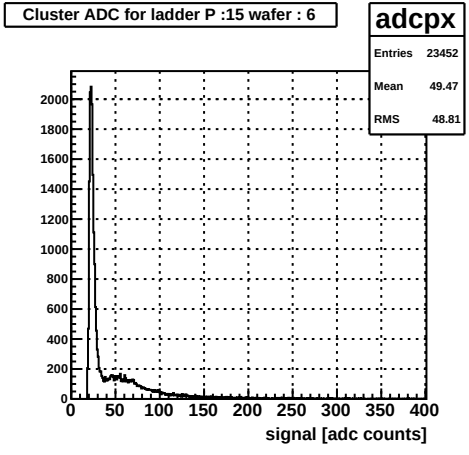

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1488
Mean 35.15
RMS 23.76
signal [adc counts]

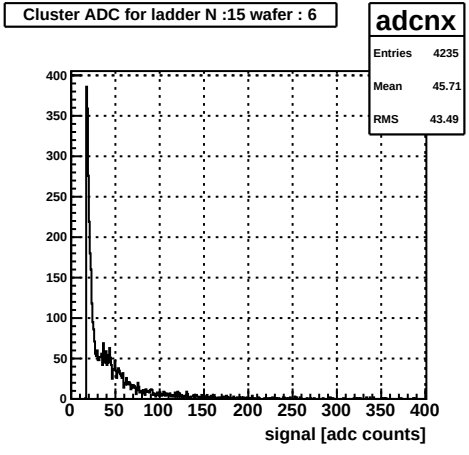

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 20383
Mean 57.52
RMS 52.51
signal [adc counts]

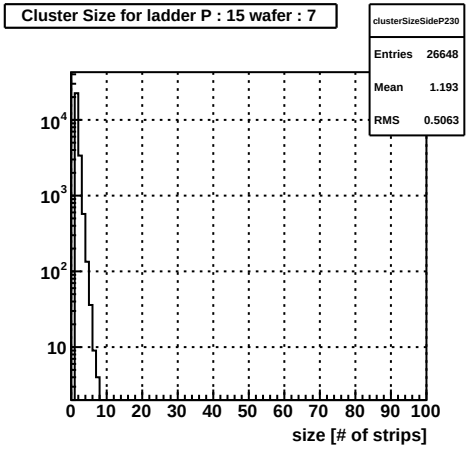

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 23452
Mean 1.163
RMS 0.4503
size [# of strips]

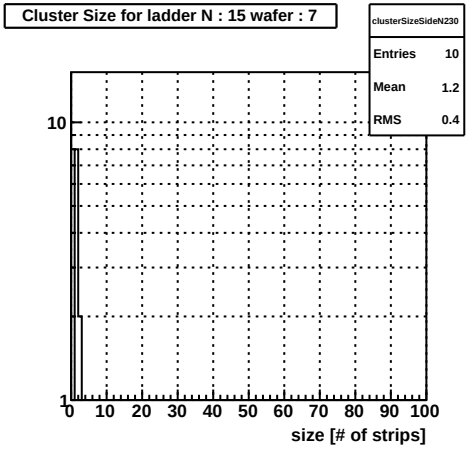

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 4235
Mean 1.266
RMS 0.6164
size [# of strips]

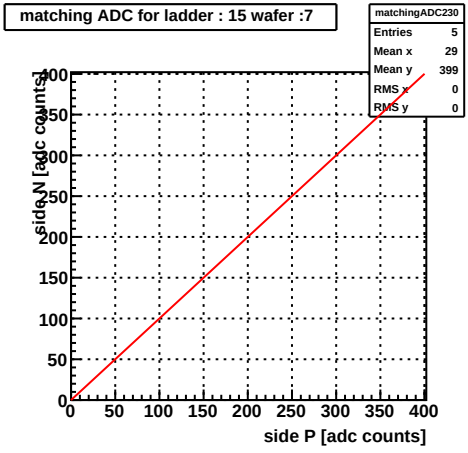

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1771
Mean x 74.82
Mean y 54.47
RMS x 54.83
RMS y 41.14
side N [adc counts]
side P [adc counts]

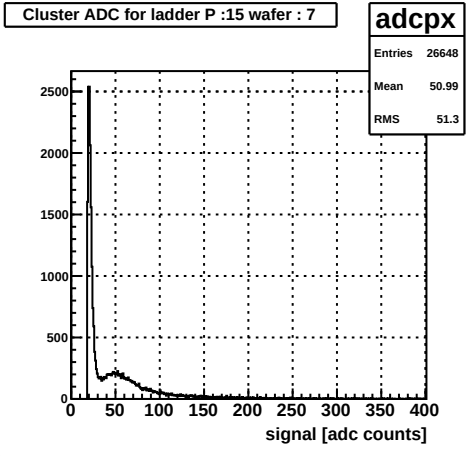

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 23452
Mean 49.47
RMS 48.81
signal [adc counts]

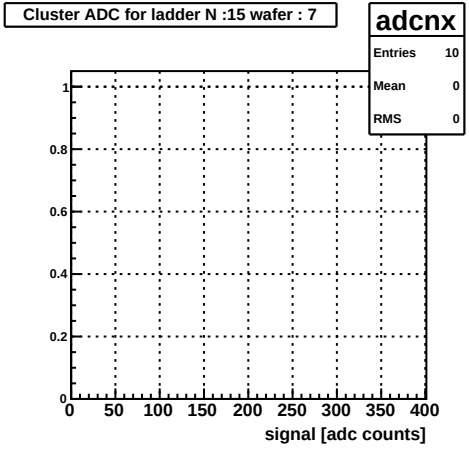

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 4235
Mean 45.71
RMS 43.49
signal [adc counts]

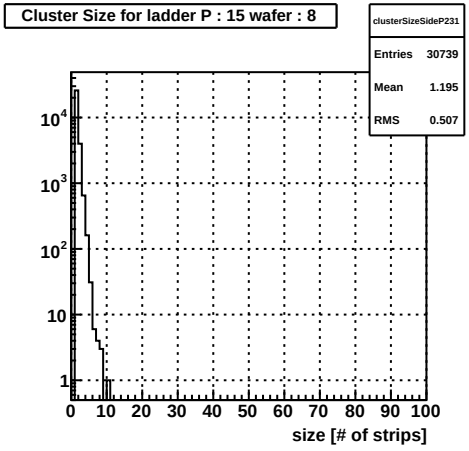

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 26648
Mean 1.193
RMS 0.5063
size [# of strips]

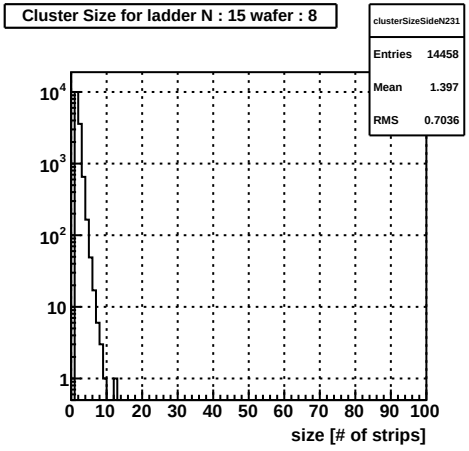

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

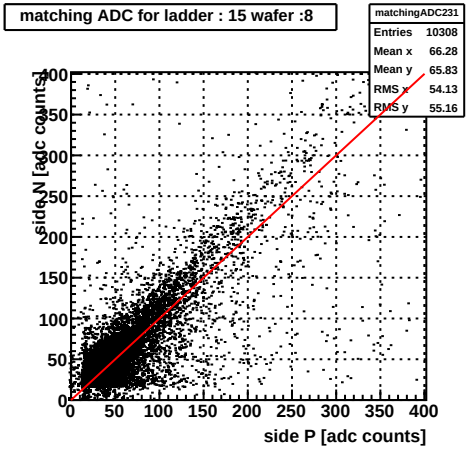

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 5
Mean x 29
Mean y 399
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

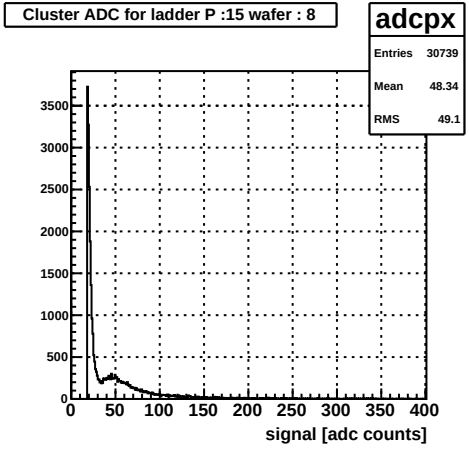

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 26648
Mean 50.99
RMS 51.3
signal [adc counts]

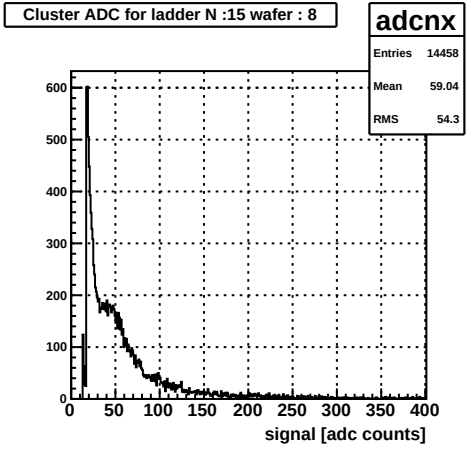

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 10
Mean 0
RMS 0
signal [adc counts]

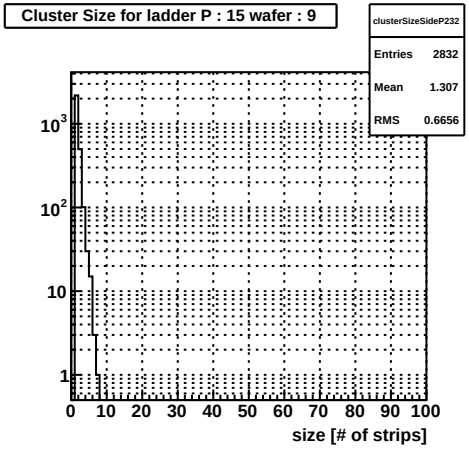

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 30739
Mean 1.195
RMS 0.507
size [# of strips]

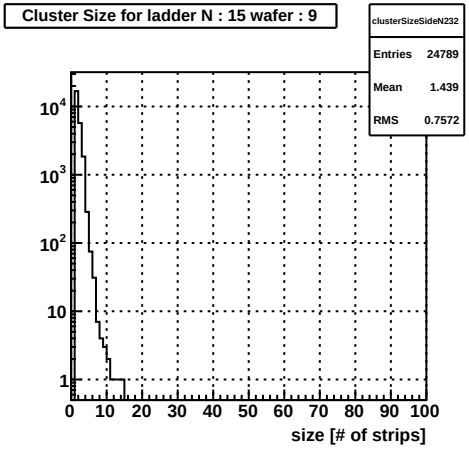

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 14458
Mean 1.397
RMS 0.7036
size [# of strips]

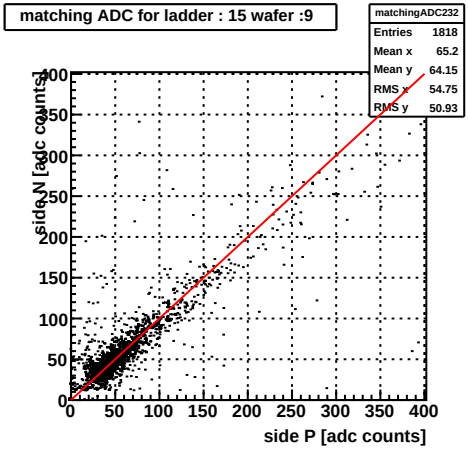

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 10308
Mean x 66.28
Mean y 65.83
RMS x 54.13
RMS y 55.16
side N [adc counts]
side P [adc counts]

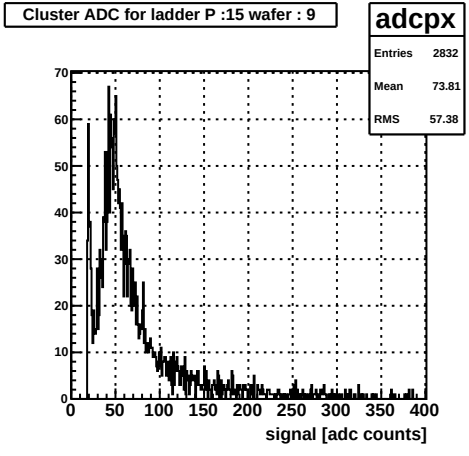

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 30739
Mean 48.34
RMS 49.1
signal [adc counts]

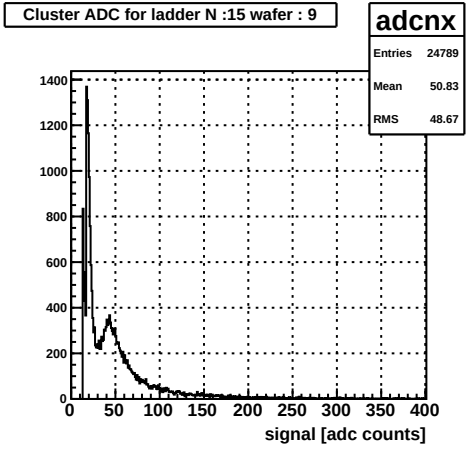

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 14458
Mean 59.04
RMS 54.3
signal [adc counts]

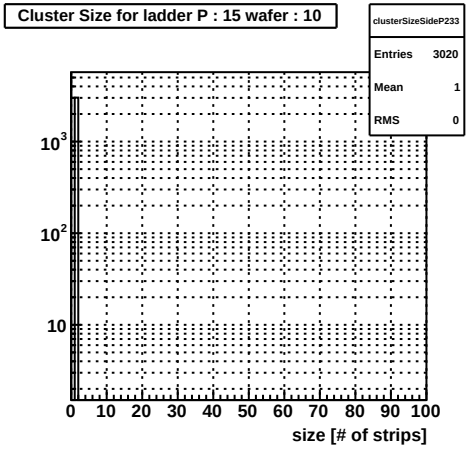

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 2832
Mean 1.307
RMS 0.6656
size [# of strips]

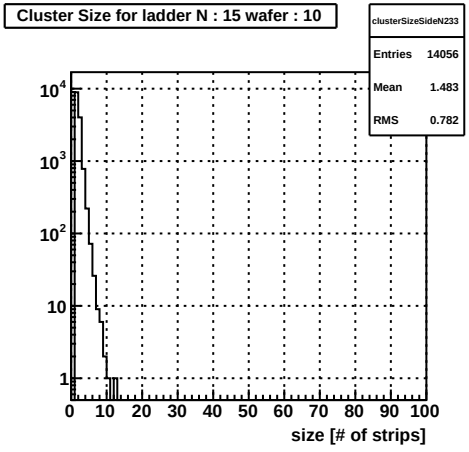

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 24789
Mean 1.439
RMS 0.7572
size [# of strips]

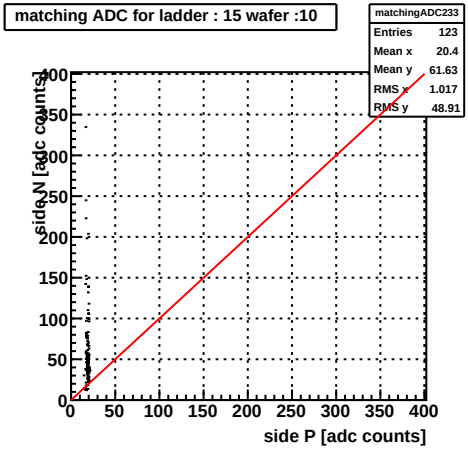

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1818
Mean x 65.2
Mean y 64.15
RMS x 54.75
RMS y 50.93
side N [adc counts]
side P [adc counts]

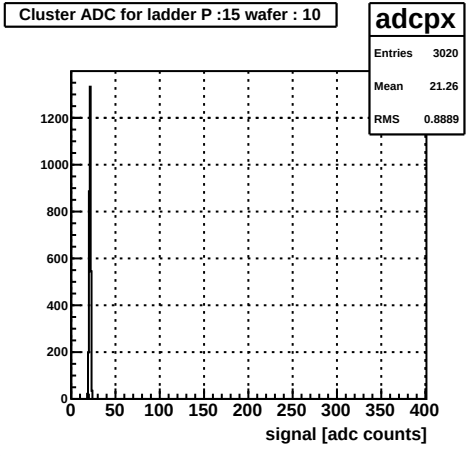

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 2832
Mean 73.81
RMS 57.38
signal [adc counts]

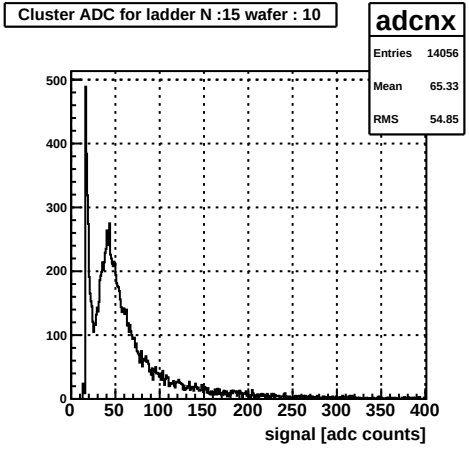

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 24789
Mean 50.83
RMS 48.67
signal [adc counts]

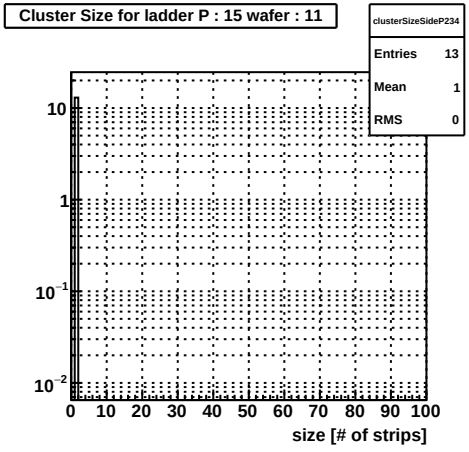

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3020
Mean 1
RMS 0
size [# of strips]

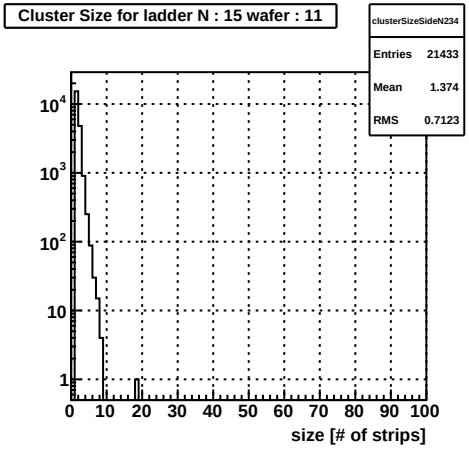

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 14056
Mean 1.483
RMS 0.782
size [# of strips]

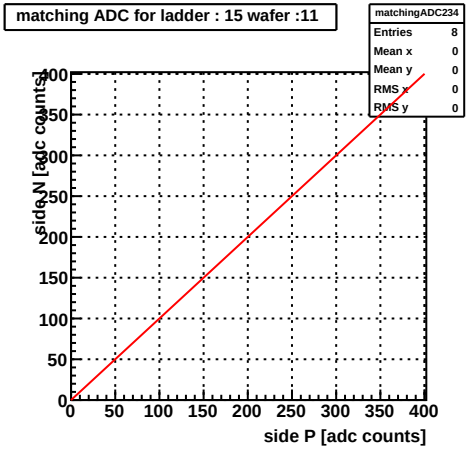

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 123
Mean x 20.4
Mean y 61.63
RMS x 1.017
RMS y 48.91
side N [adc counts]
side P [adc counts]

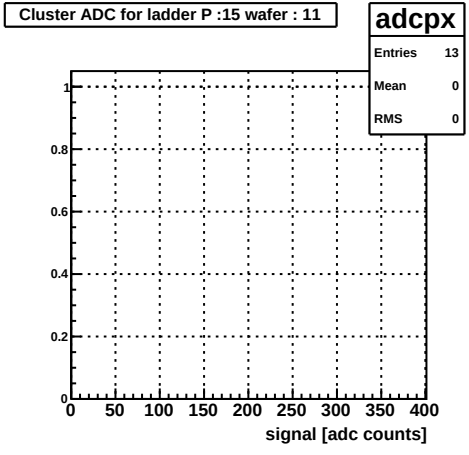

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3020
Mean 21.26
RMS 0.8889
signal [adc counts]

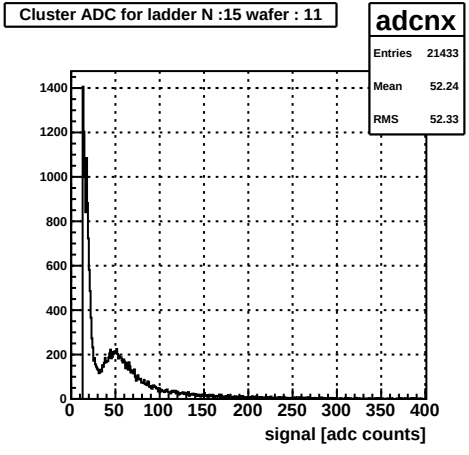

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 14056
Mean 65.33
RMS 54.85
signal [adc counts]

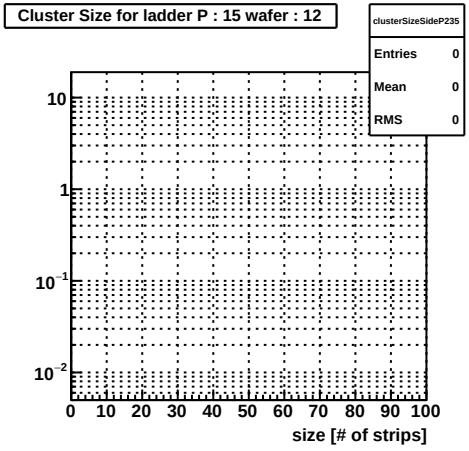

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 13
Mean 1
RMS 0
size [# of strips]

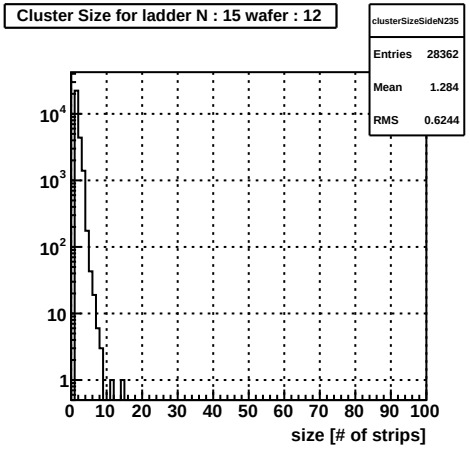

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 21433
Mean 1.374
RMS 0.7123
size [# of strips]

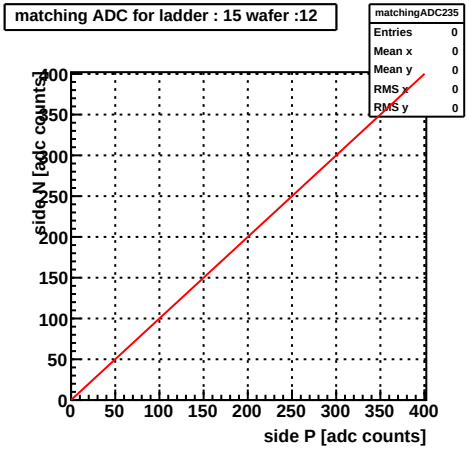

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

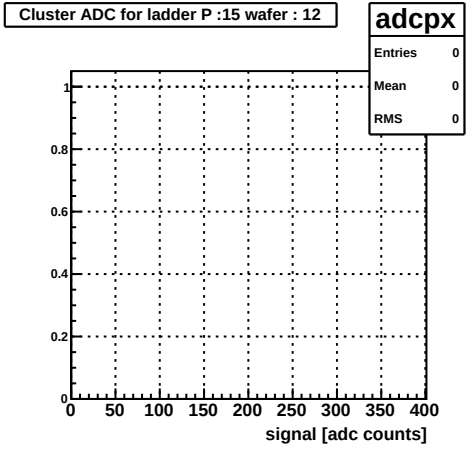

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 13
Mean 0
RMS 0
signal [adc counts]

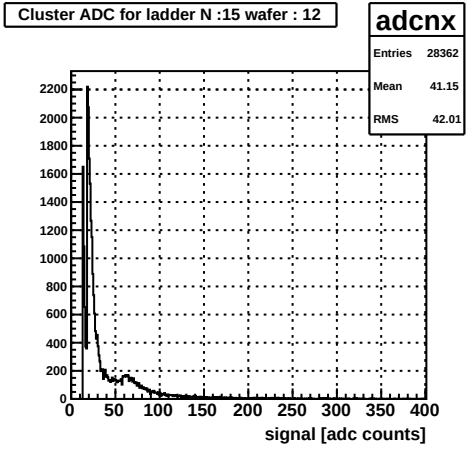

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 21433
Mean 52.24
RMS 52.33
signal [adc counts]

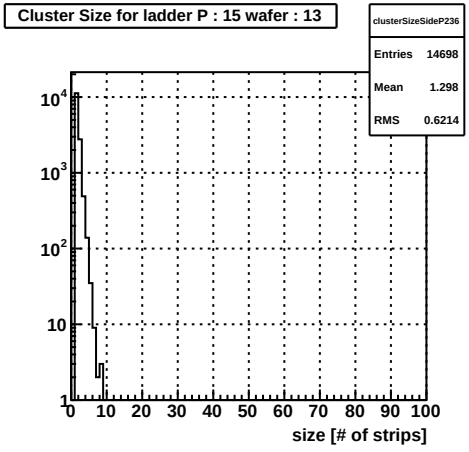

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

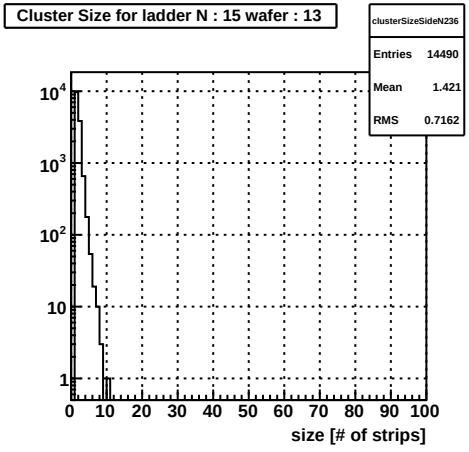

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 28362
Mean 1.284
RMS 0.6244
size [# of strips]

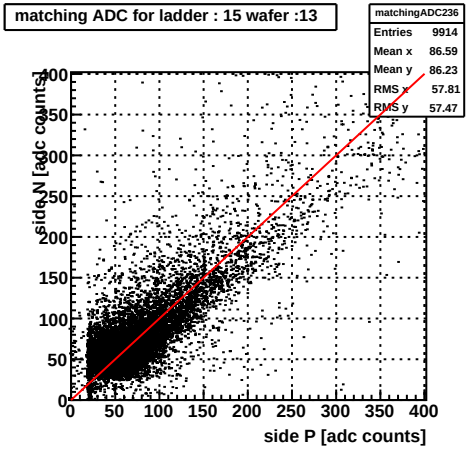

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

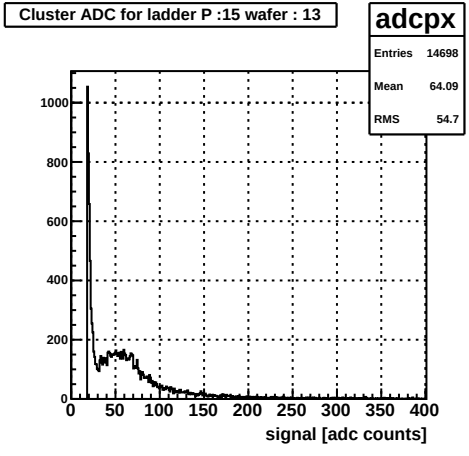

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

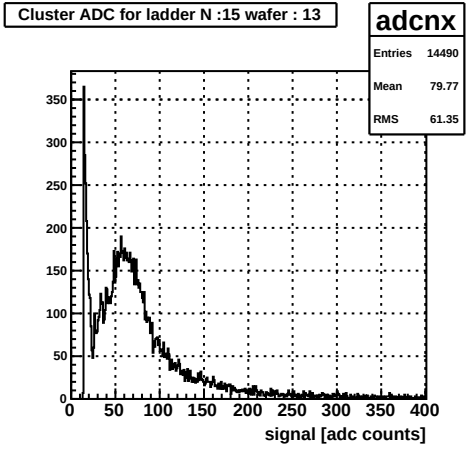

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 28362
Mean 41.15
RMS 42.01
signal [adc counts]

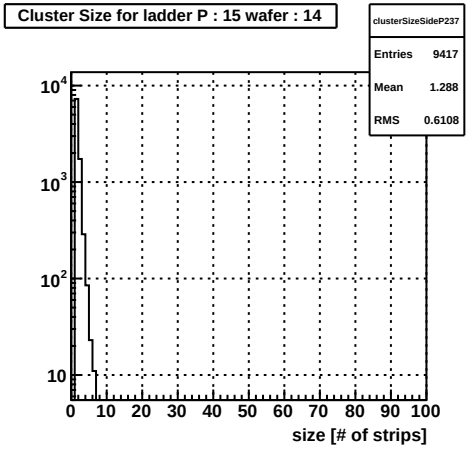

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 14698
Mean 1.298
RMS 0.6214
size [# of strips]

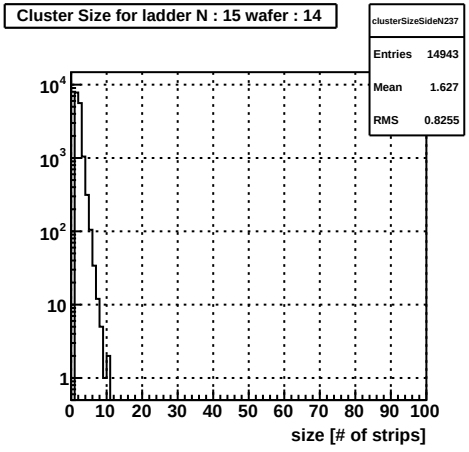

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 14490
Mean 1.421
RMS 0.7162
size [# of strips]

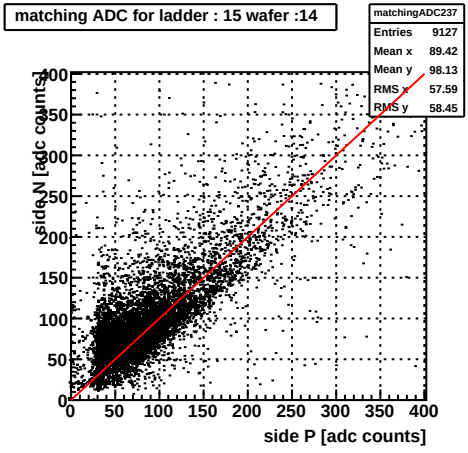

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 9914
Mean x 86.59
Mean y 86.23
RMS x 57.81
RMS y 57.47
side N [adc counts]
side P [adc counts]

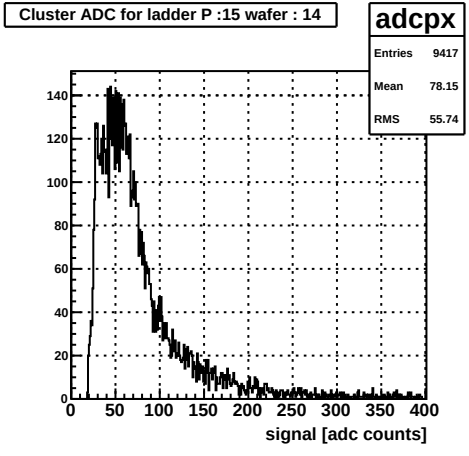

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 14698
Mean 64.09
RMS 54.7
signal [adc counts]

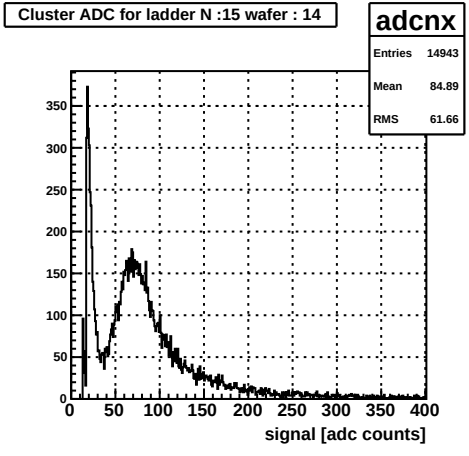

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 14490
Mean 79.77
RMS 61.35
signal [adc counts]

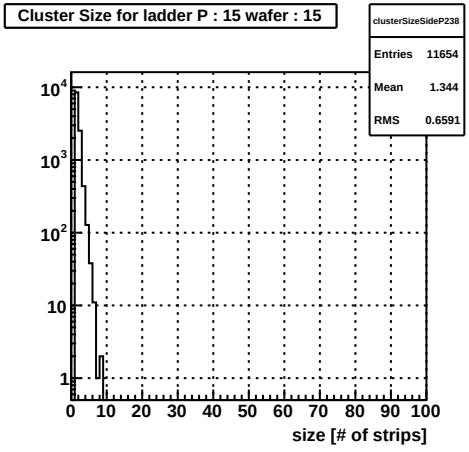

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 9417
Mean 1.288
RMS 0.6108
size [# of strips]

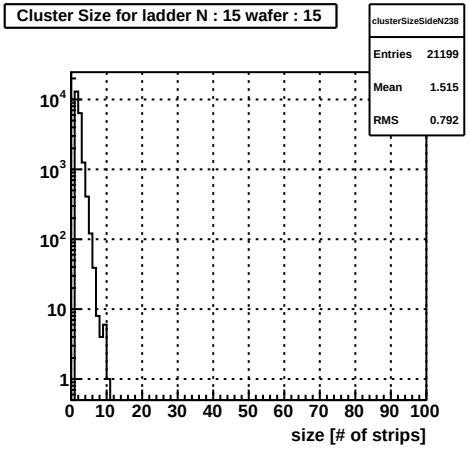

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 14943
Mean 1.627
RMS 0.8255
size [# of strips]

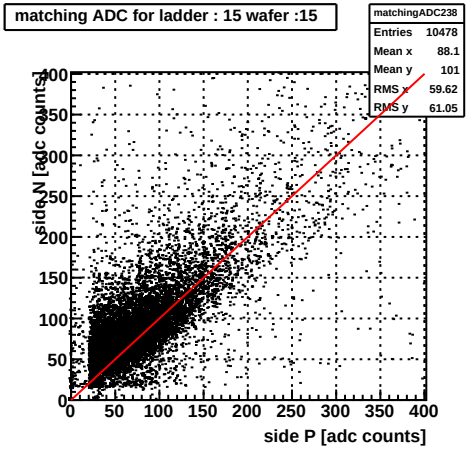

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 9127
Mean x 89.42
Mean y 98.13
RMS x 57.59
RMS y 58.45
side N [adc counts]
side P [adc counts]

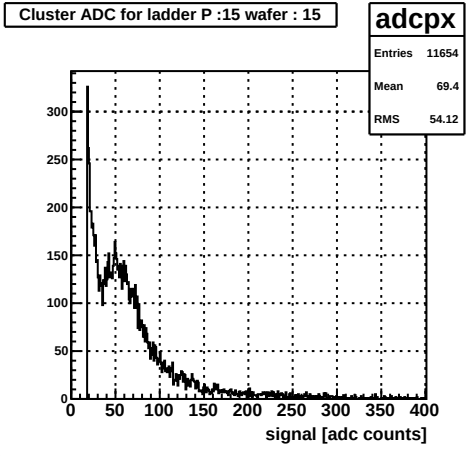

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 9417
Mean 78.15
RMS 55.74
signal [adc counts]

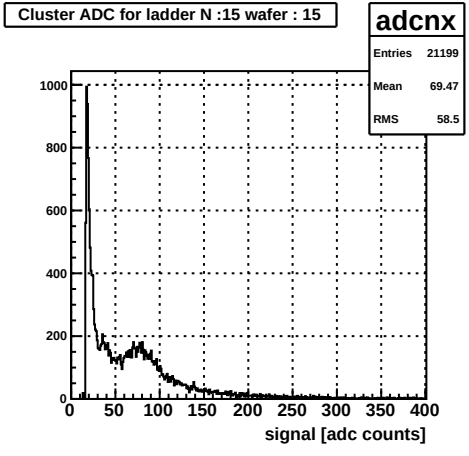

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 14943
Mean 84.89
RMS 61.66
signal [adc counts]

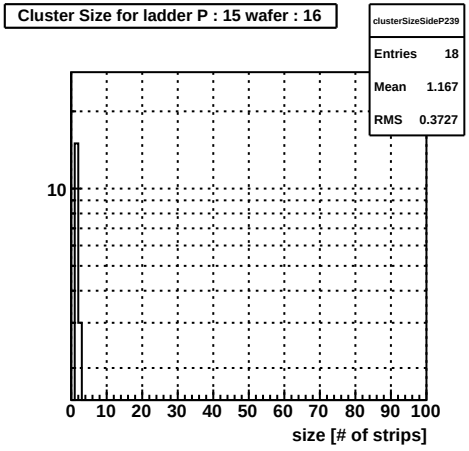

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 11654
Mean 1.344
RMS 0.6591
size [# of strips]

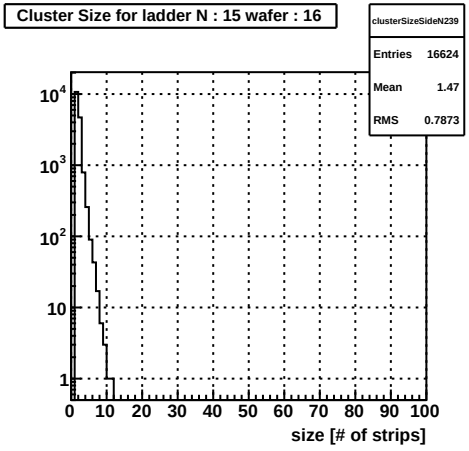

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 21199
Mean 1.515
RMS 0.792
size [# of strips]

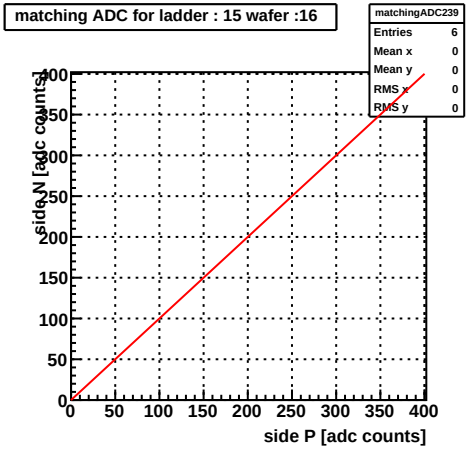

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 10478
Mean x 88.1
Mean y 101
RMS x 59.62
RMS y 61.05
side N [adc counts]
side P [adc counts]

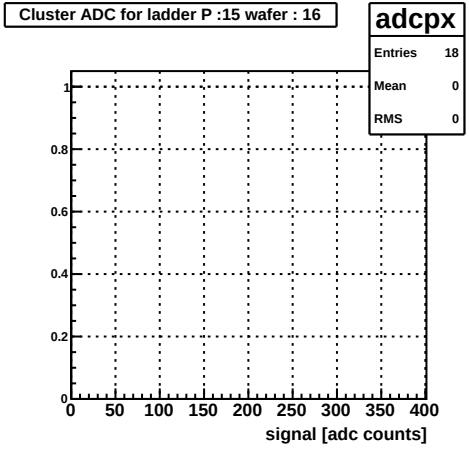

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 11654
Mean 69.4
RMS 54.12
signal [adc counts]

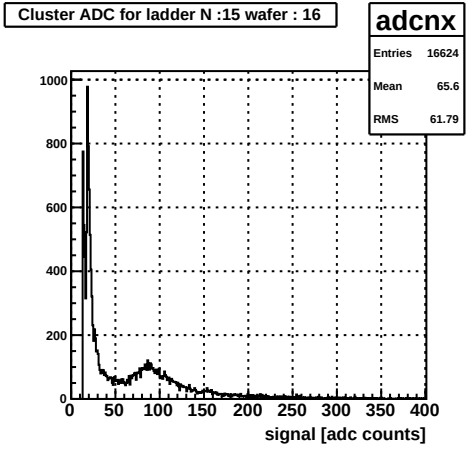

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 21199
Mean 69.47
RMS 58.5
signal [adc counts]

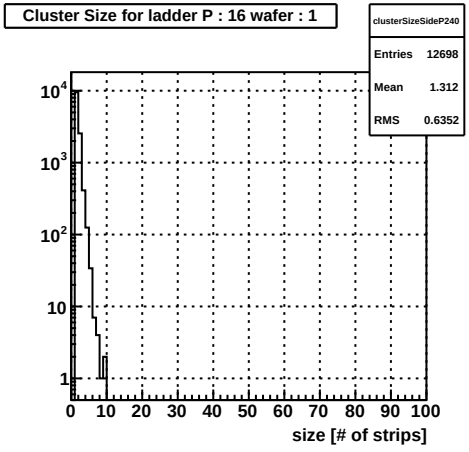

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

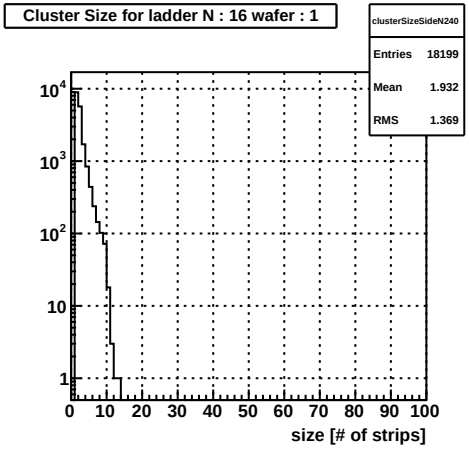

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 16624
Mean 1.47
RMS 0.7873
size [# of strips]

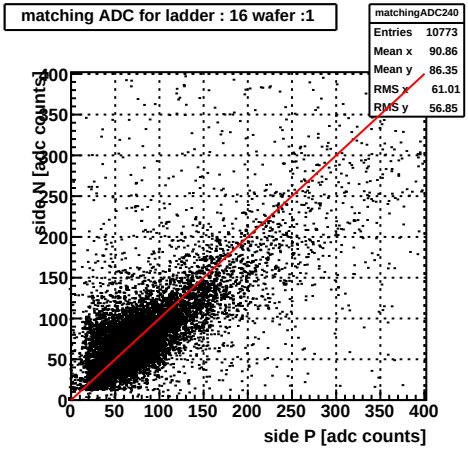

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

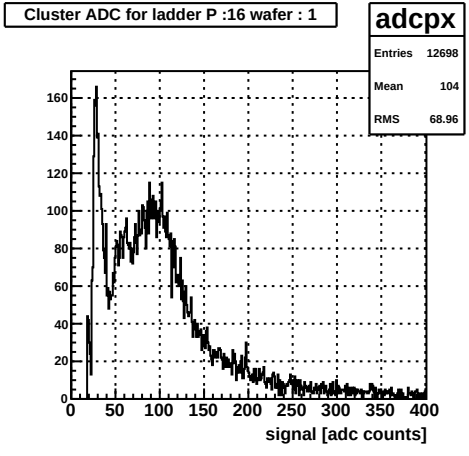

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

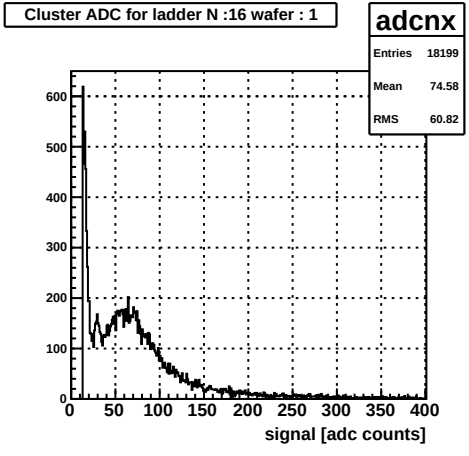

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 16624
Mean 65.6
RMS 61.79
signal [adc counts]

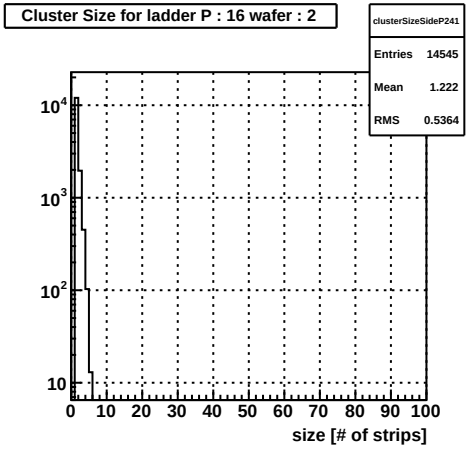

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 12698
Mean 1.312
RMS 0.6352
size [# of strips]

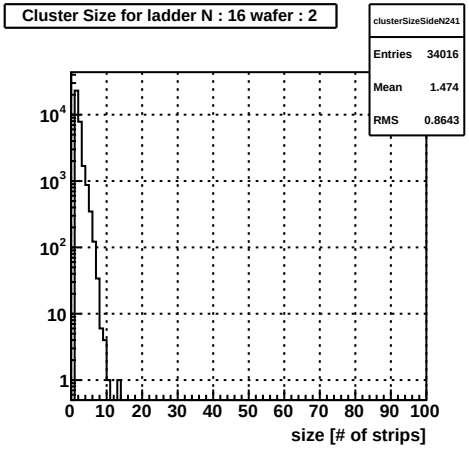

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 18199
Mean 1.932
RMS 1.369
size [# of strips]

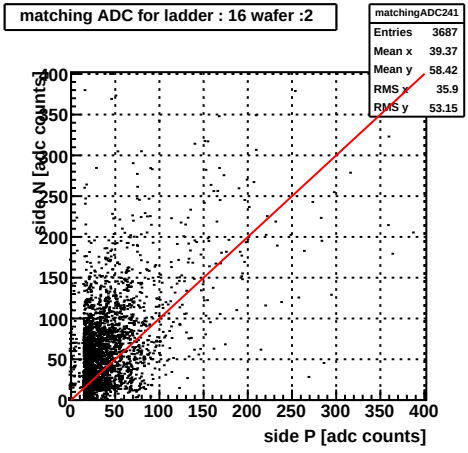

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 10773
Mean x 90.86
Mean y 86.35
RMS x 61.01
RMS y 56.85
side N [adc counts]
side P [adc counts]

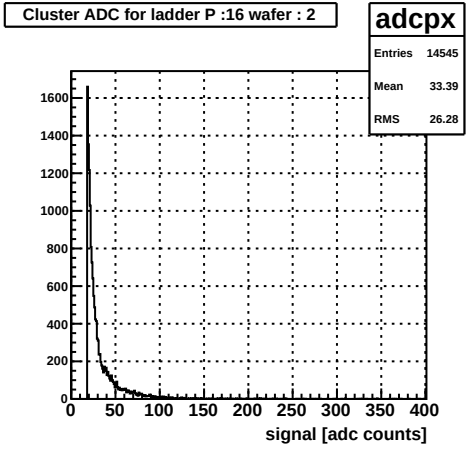

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 12698
Mean 104
RMS 68.96
signal [adc counts]

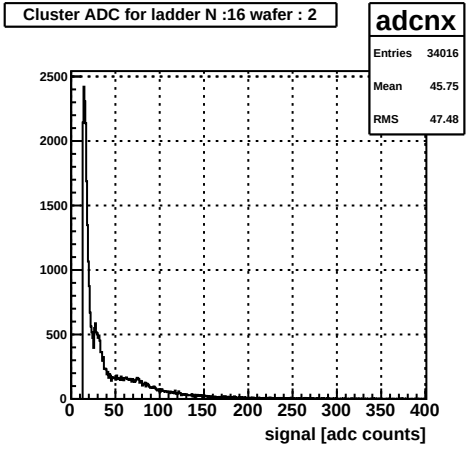

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 18199
Mean 74.58
RMS 60.82
signal [adc counts]

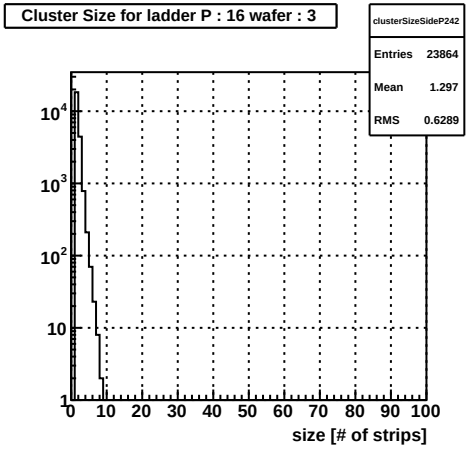

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14545
Mean 1.222
RMS 0.5364
size [# of strips]

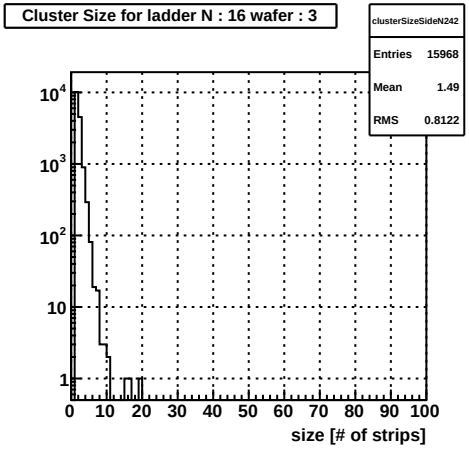

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 34016
Mean 1.474
RMS 0.8643
size [# of strips]

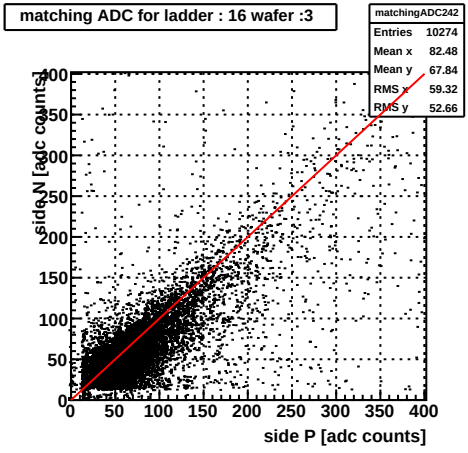

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 3687
Mean x 39.37
Mean y 58.42
RMS x 35.9
RMS y 53.15
side N [adc counts]
side P [adc counts]

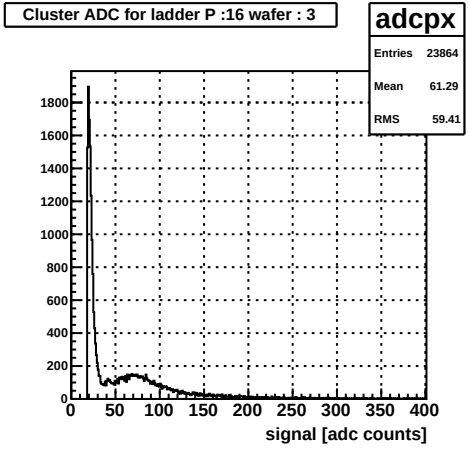

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14545
Mean 33.39
RMS 26.28
signal [adc counts]

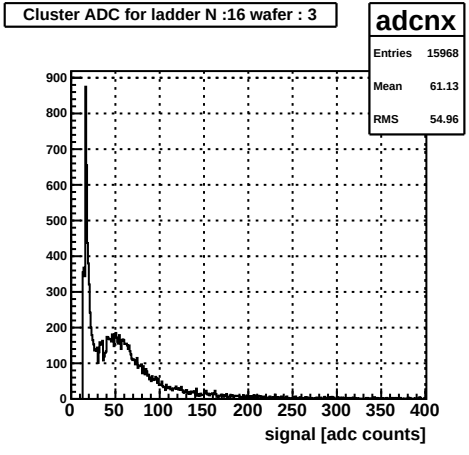

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 34016
Mean 45.75
RMS 47.48
signal [adc counts]

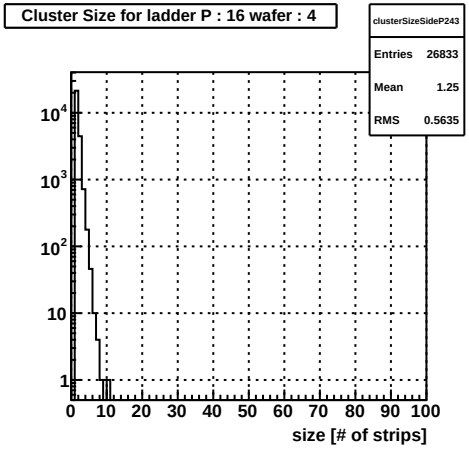

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 23864
Mean 1.297
RMS 0.6289
size [# of strips]

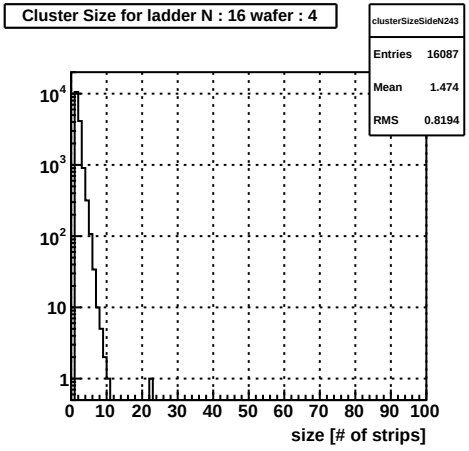

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 15968
Mean 1.49
RMS 0.8122
size [# of strips]

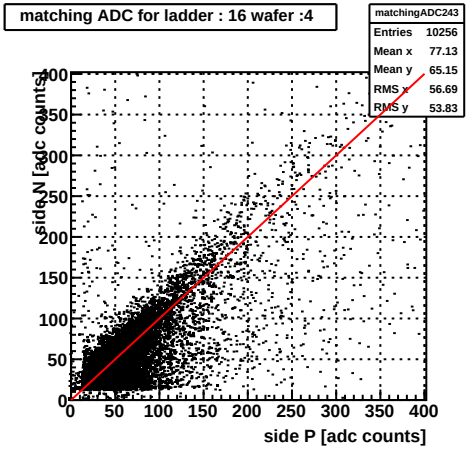

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 10274
Mean x 82.48
Mean y 67.84
RMS x 59.32
RMS y 52.66
side N [adc counts]
side P [adc counts]

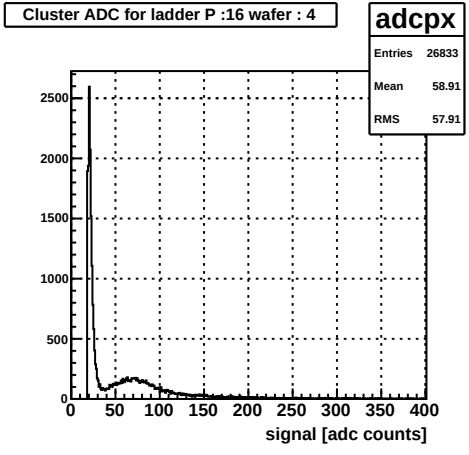

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 23864
Mean 61.29
RMS 59.41
signal [adc counts]

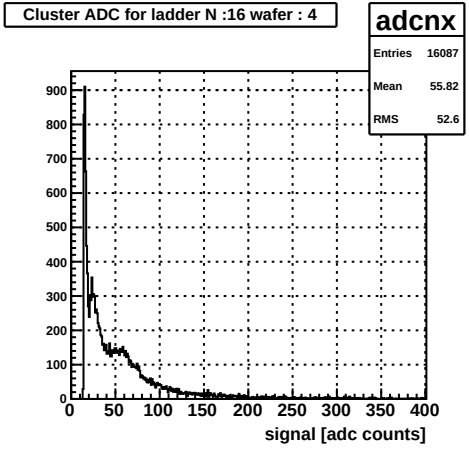

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 15968
Mean 61.13
RMS 54.96
signal [adc counts]

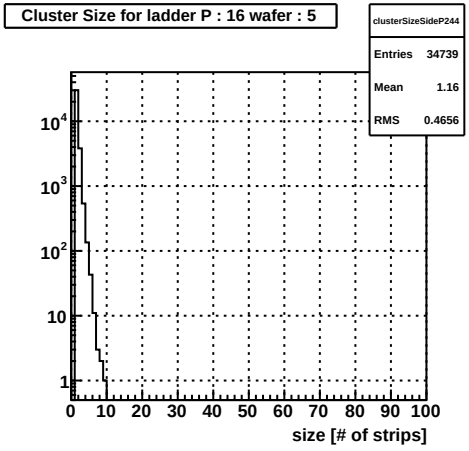

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 26833
Mean 1.25
RMS 0.5635
size [# of strips]

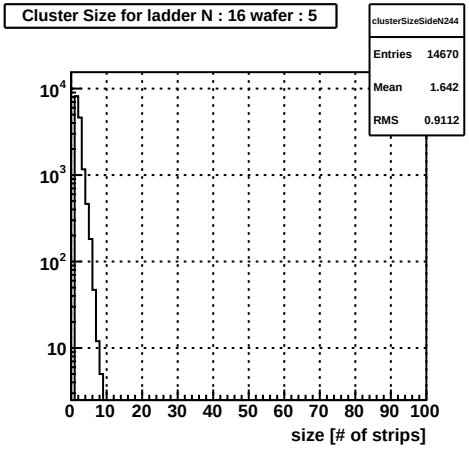

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 16087
Mean 1.474
RMS 0.8194
size [# of strips]

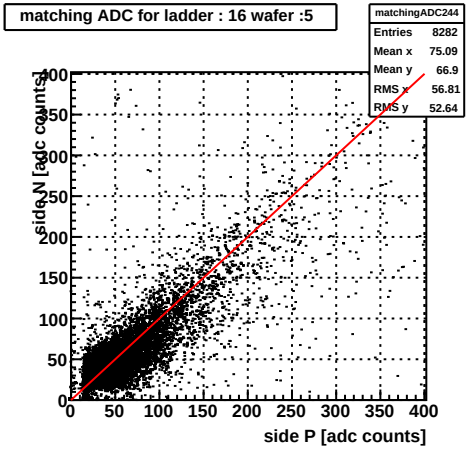

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 10256
Mean x 77.13
Mean y 65.15
RMS x 56.69
RMS y 53.83
side N [adc counts]
side P [adc counts]

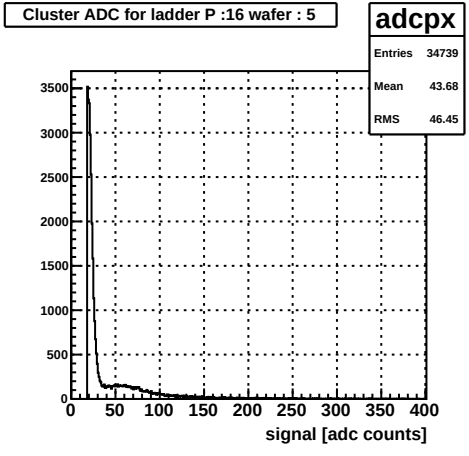

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 26833
Mean 58.91
RMS 57.91
signal [adc counts]

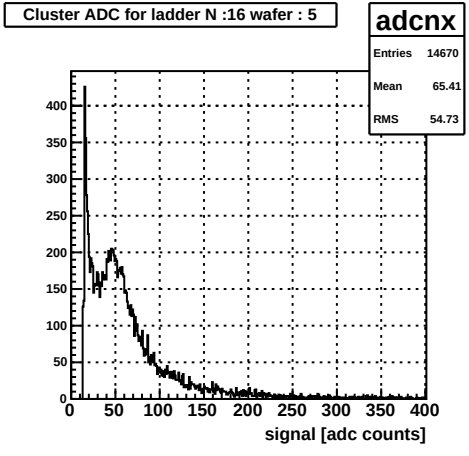

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 16087
Mean 55.82
RMS 52.6
signal [adc counts]

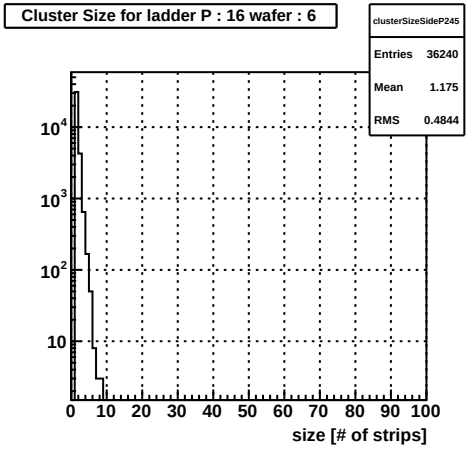

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 34739
Mean 1.16
RMS 0.4656
size [# of strips]

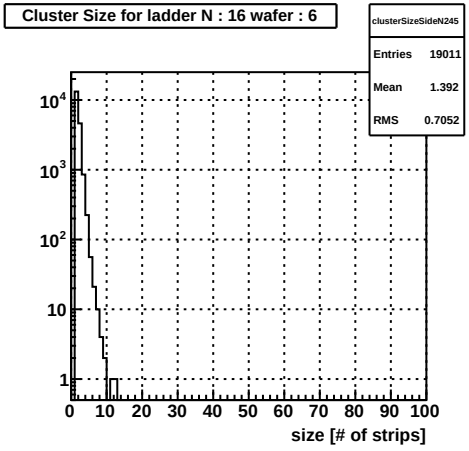

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 14670
Mean 1.642
RMS 0.9112
size [# of strips]

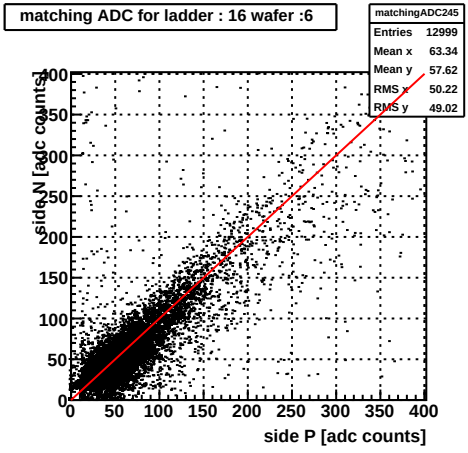

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 8282
Mean x 75.09
Mean y 66.9
RMS x 56.81
RMS y 52.64
side N [adc counts]
side P [adc counts]

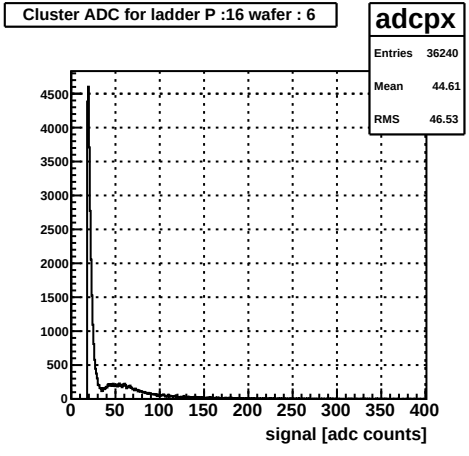

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 34739
Mean 43.68
RMS 46.45
signal [adc counts]

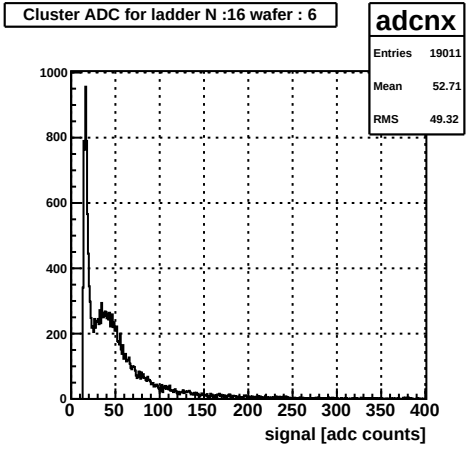

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 14670
Mean 65.41
RMS 54.73
signal [adc counts]

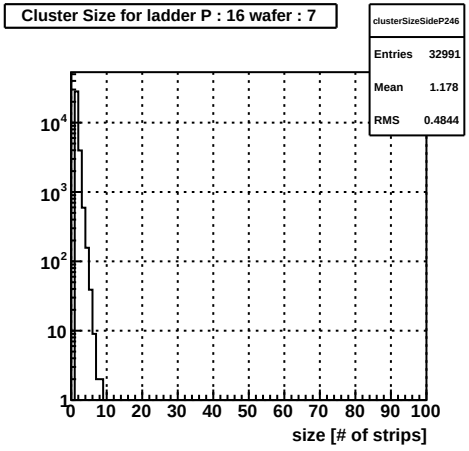

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 36240
Mean 1.175
RMS 0.4844
size [# of strips]

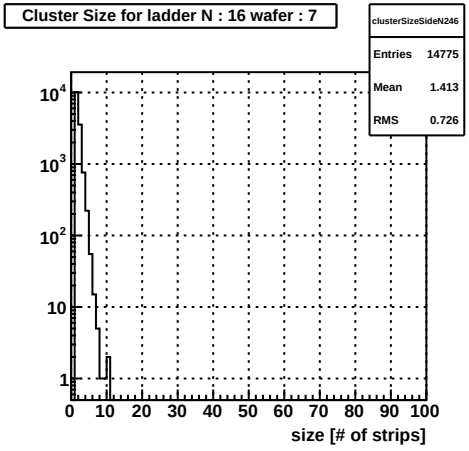

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 19011
Mean 1.392
RMS 0.7052
size [# of strips]

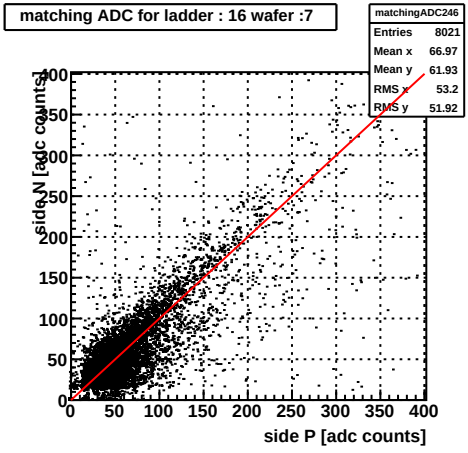

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 12999
Mean x 63.34
Mean y 57.62
RMS x 50.22
RMS y 49.02
side N [adc counts]
side P [adc counts]

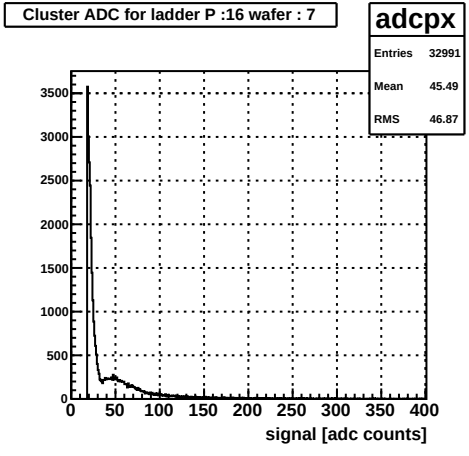

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 36240
Mean 44.61
RMS 46.53
signal [adc counts]

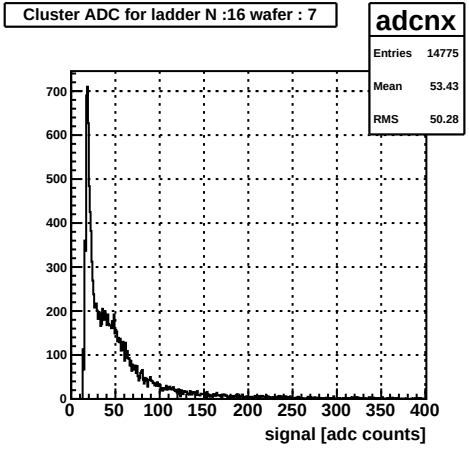

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 19011
Mean 52.71
RMS 49.32
signal [adc counts]

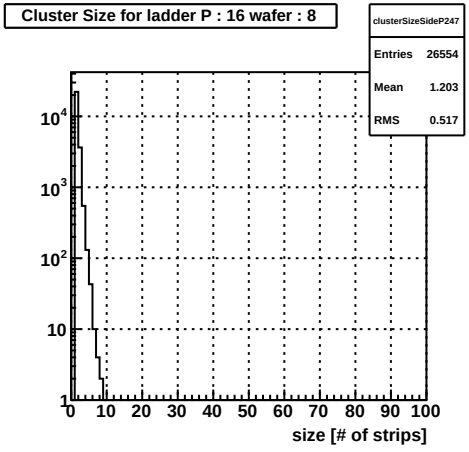

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 32991
Mean 1.178
RMS 0.4844
size [# of strips]

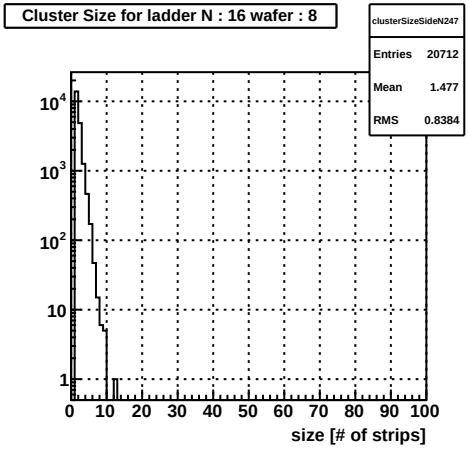

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 14775
Mean 1.413
RMS 0.726
size [# of strips]

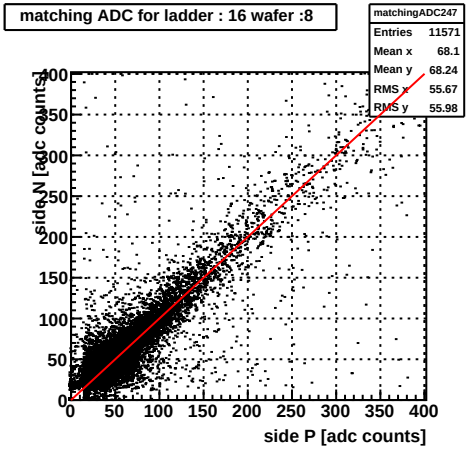

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 8021
Mean x 66.97
Mean y 61.93
RMS x 53.2
RMS y 51.92
side N [adc counts]
side P [adc counts]

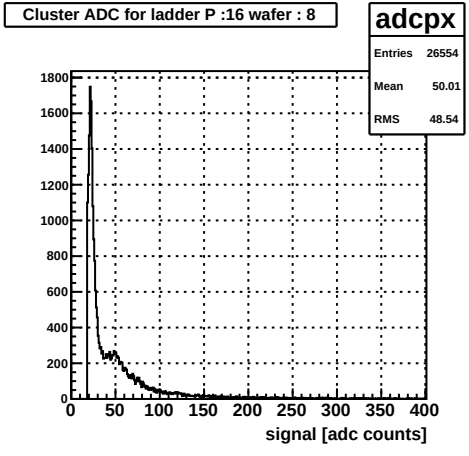

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 32991
Mean 45.49
RMS 46.87
signal [adc counts]

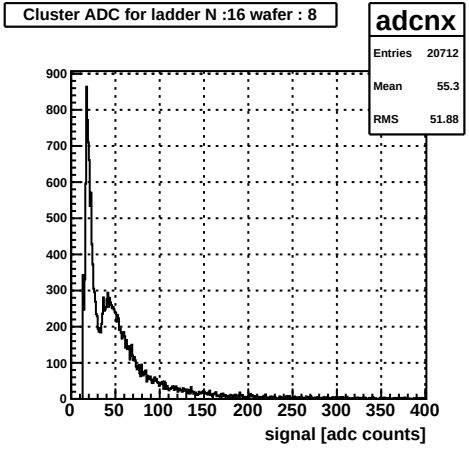

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 14775
Mean 53.43
RMS 50.28
signal [adc counts]

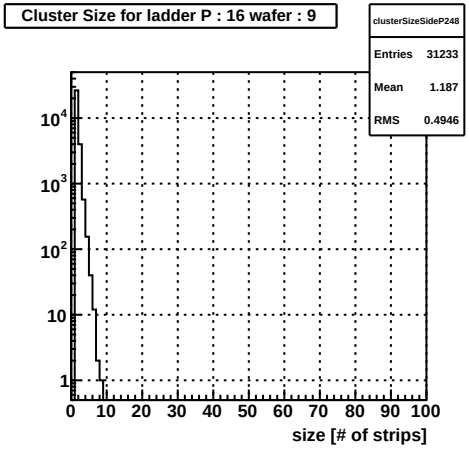

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 26554
Mean 1.203
RMS 0.517
size [# of strips]

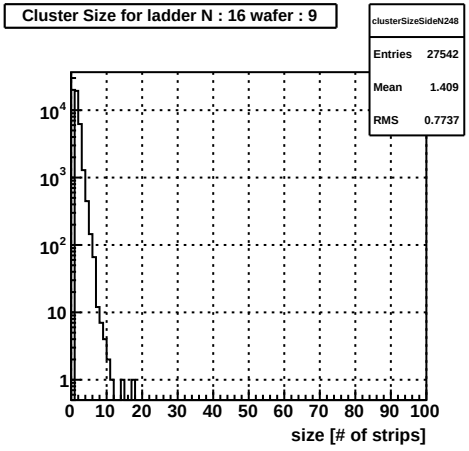

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 20712
Mean 1.477
RMS 0.8384
size [# of strips]

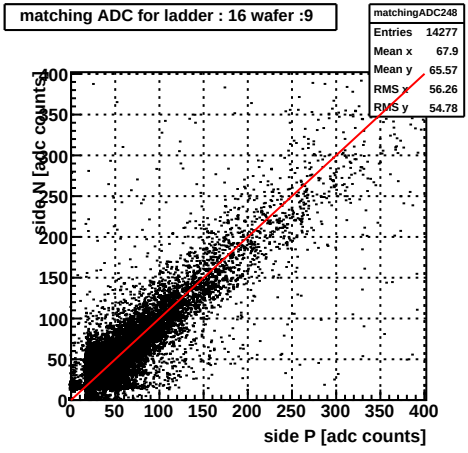

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 11571
Mean x 68.1
Mean y 68.24
RMS x 55.67
RMS y 55.98
side N [adc counts]
side P [adc counts]

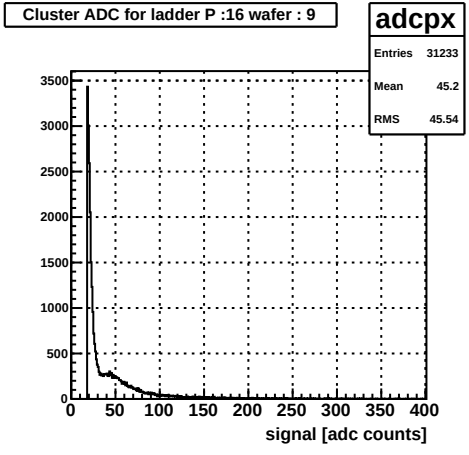

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 26554
Mean 50.01
RMS 48.54
signal [adc counts]

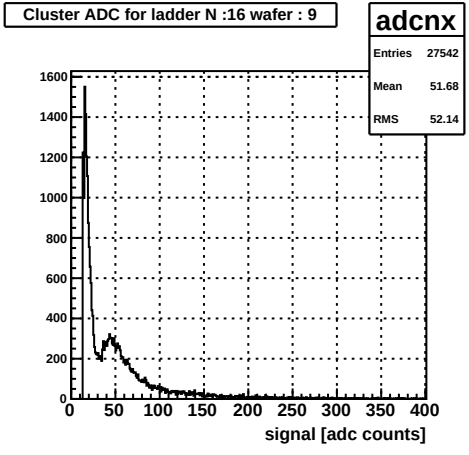

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 20712
Mean 55.3
RMS 51.88
signal [adc counts]

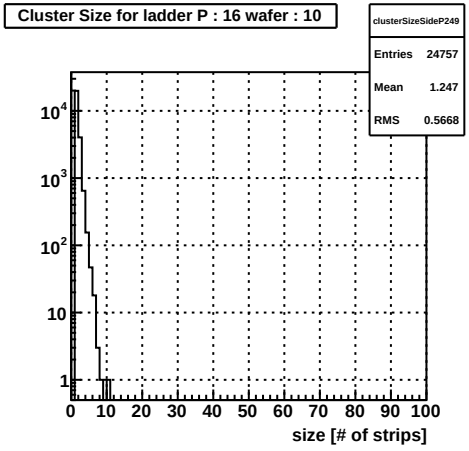

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 31233
Mean 1.187
RMS 0.4946
size [# of strips]

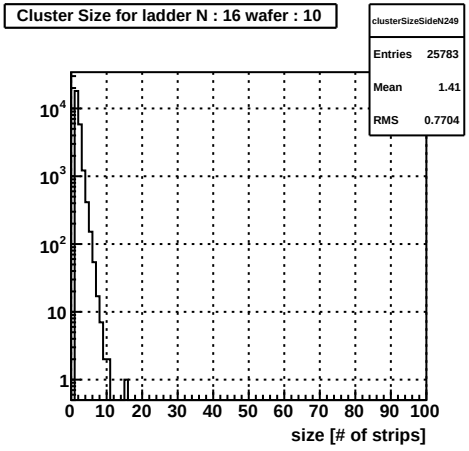

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 27542
Mean 1.409
RMS 0.7737
size [# of strips]

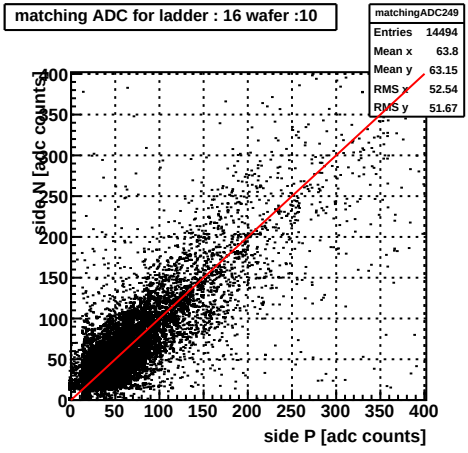

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 14277
Mean x 67.9
Mean y 65.57
RMS x 56.26
RMS y 54.78
side N [adc counts]
side P [adc counts]

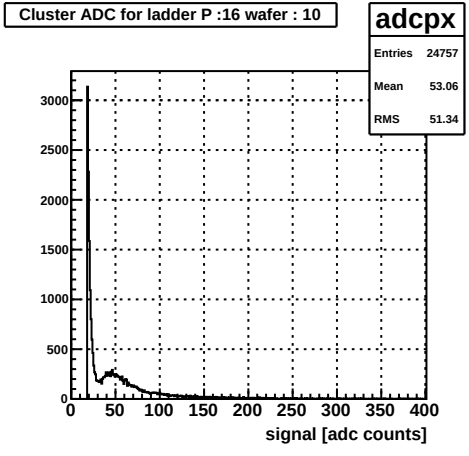

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 31233
Mean 45.2
RMS 45.54
signal [adc counts]

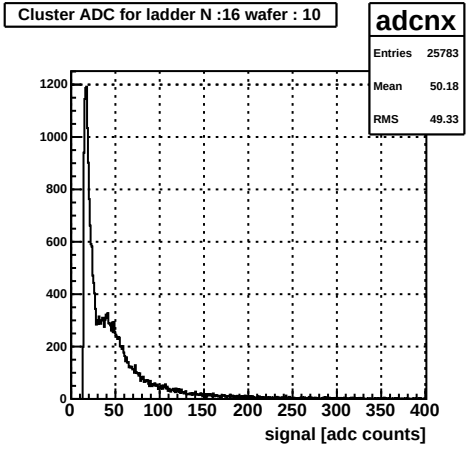

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 27542
Mean 51.68
RMS 52.14
signal [adc counts]

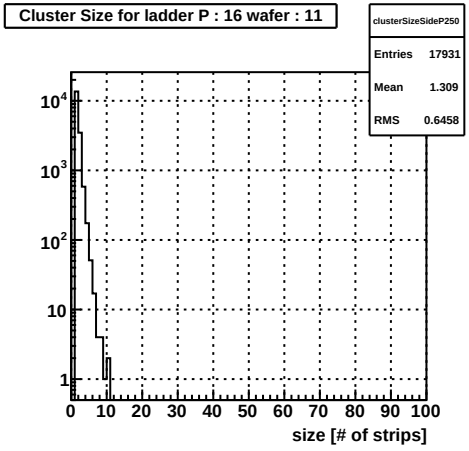

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 24757
Mean 1.247
RMS 0.5668
size [# of strips]

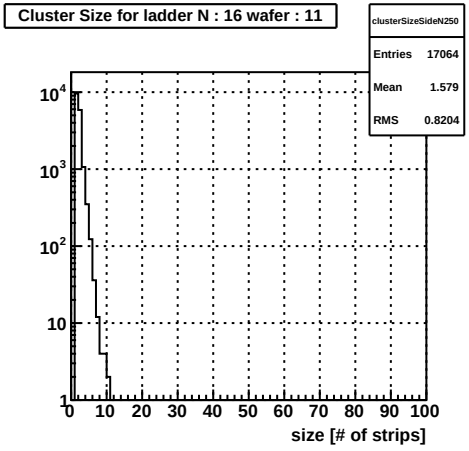

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 25783
Mean 1.41
RMS 0.7704
size [# of strips]

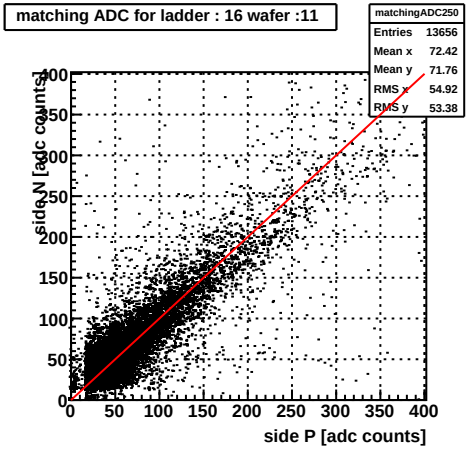

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 14494
Mean x 63.8
Mean y 63.15
RMS x 52.54
RMS y 51.67
side N [adc counts]
side P [adc counts]

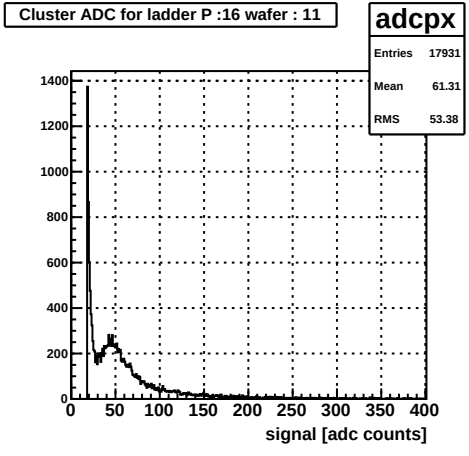

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 24757
Mean 53.06
RMS 51.34
signal [adc counts]

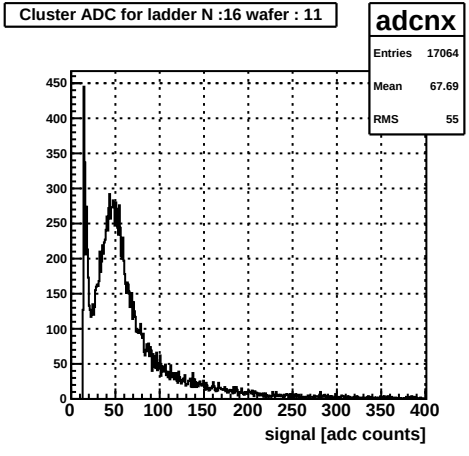

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 25783
Mean 50.18
RMS 49.33
signal [adc counts]

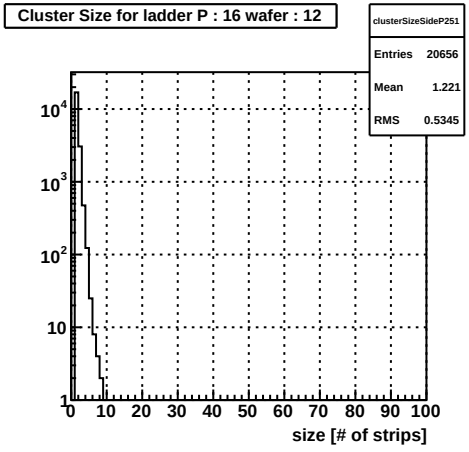

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 17931
Mean 1.309
RMS 0.6458
size [# of strips]

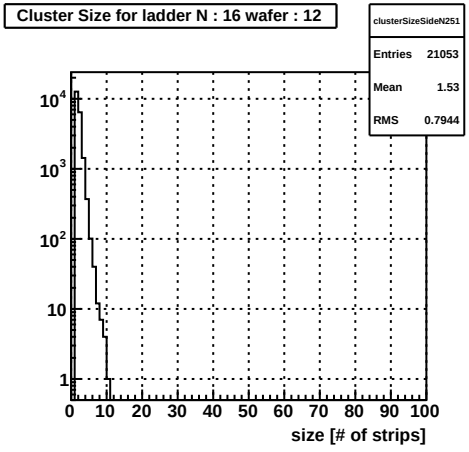

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 17064
Mean 1.579
RMS 0.8204
size [# of strips]

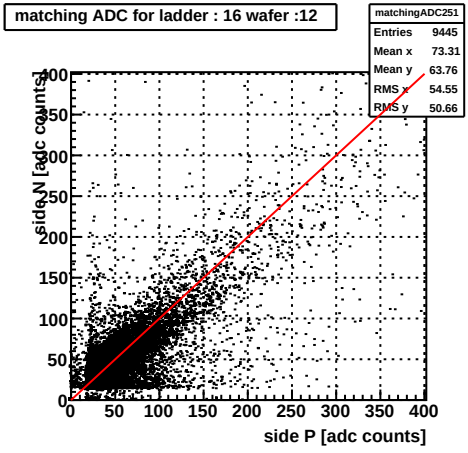

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 13656
Mean x 72.42
Mean y 71.76
RMS x 54.92
RMS y 53.38
side N [adc counts]
side P [adc counts]

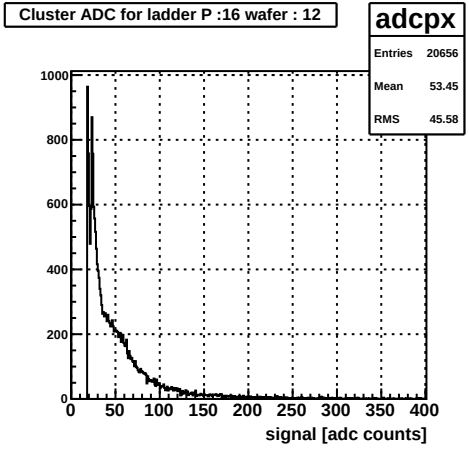

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 17931
Mean 61.31
RMS 53.38
signal [adc counts]

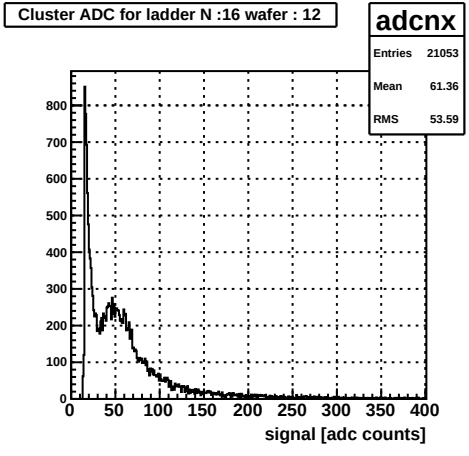

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 17064
Mean 67.69
RMS 55
signal [adc counts]

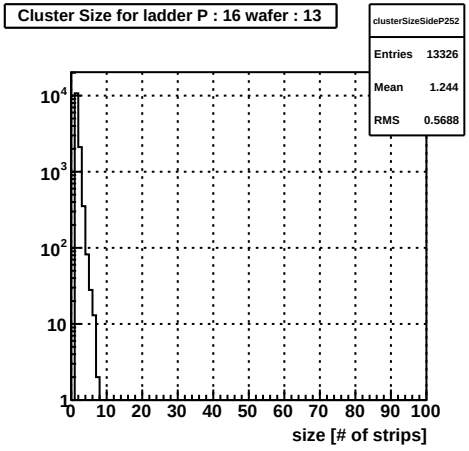

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 20656
Mean 1.221
RMS 0.5345
size [# of strips]

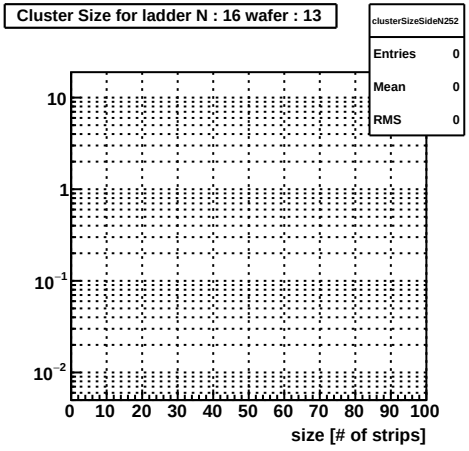

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 21053
Mean 1.53
RMS 0.7944
size [# of strips]

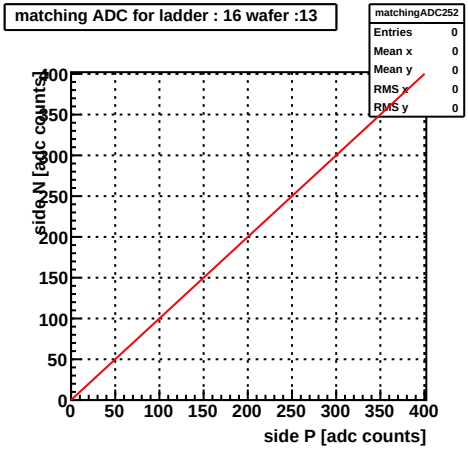

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 9445
Mean x 73.31
Mean y 63.76
RMS x 54.55
RMS y 50.66
side N [adc counts]
side P [adc counts]

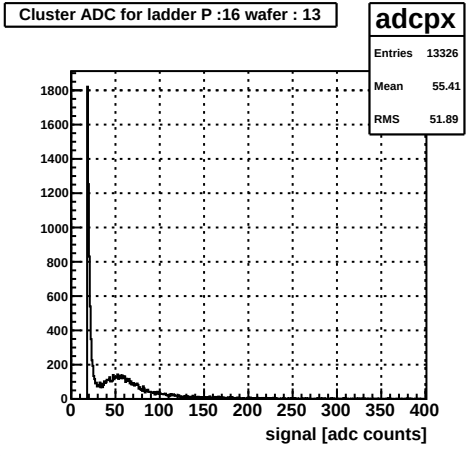

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 20656
Mean 53.45
RMS 45.58
signal [adc counts]

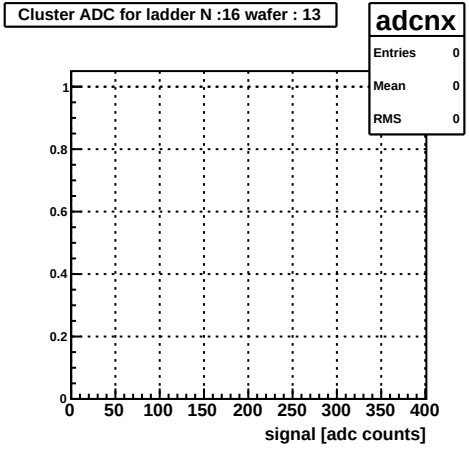

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 21053
Mean 61.36
RMS 53.59
signal [adc counts]

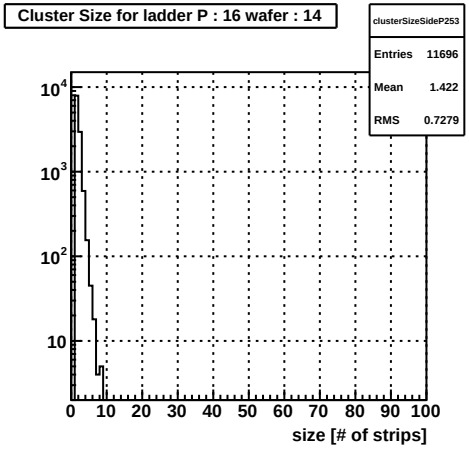

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 13326
Mean 1.244
RMS 0.5688
size [# of strips]

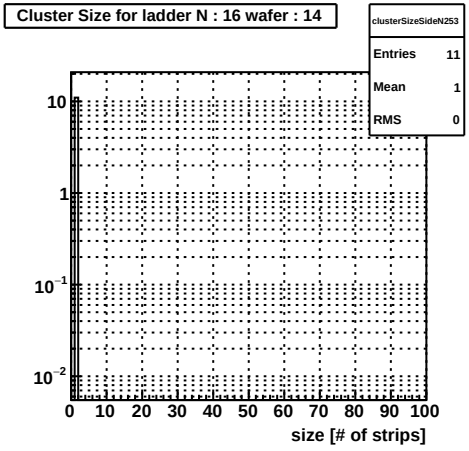

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

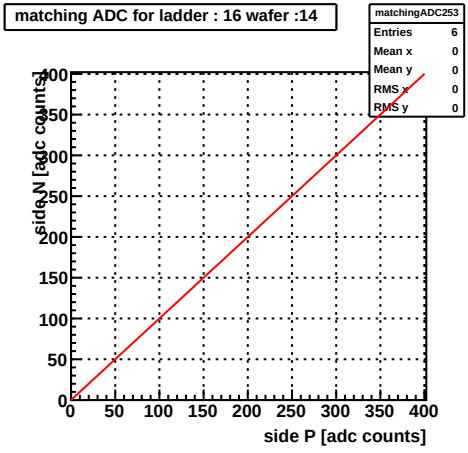

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

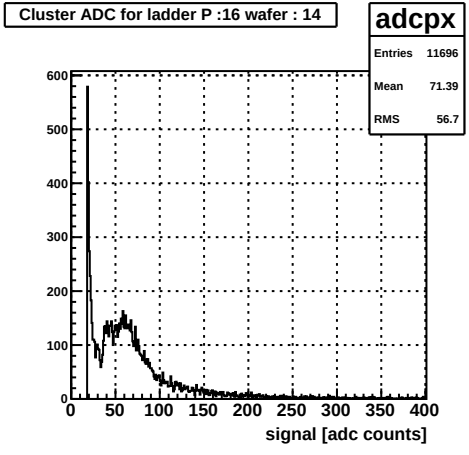

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 13326
Mean 55.41
RMS 51.89
signal [adc counts]

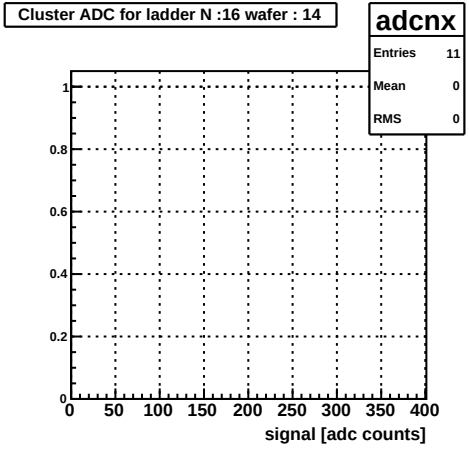

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

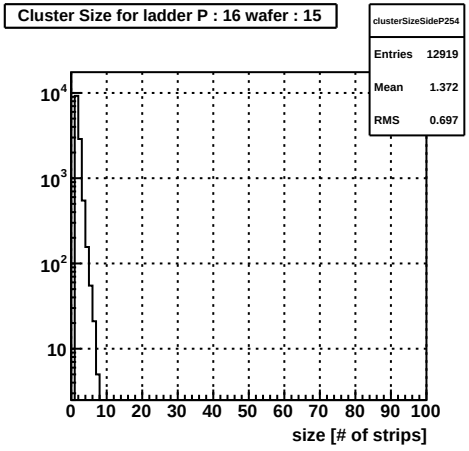

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 11696
Mean 1.422
RMS 0.7279
size [# of strips]

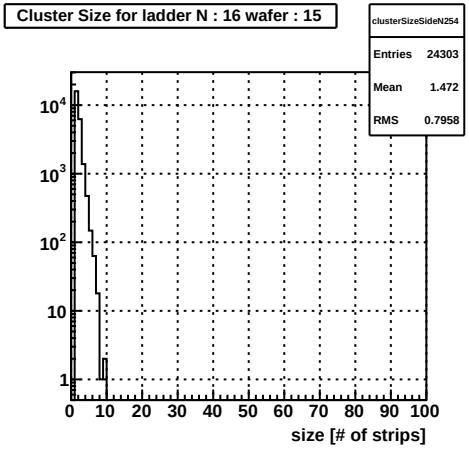

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 11
Mean 1
RMS 0
size [# of strips]

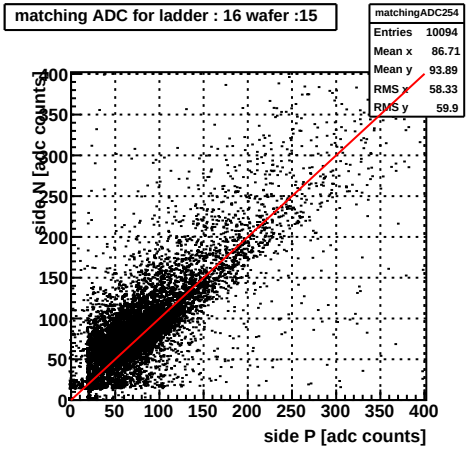

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

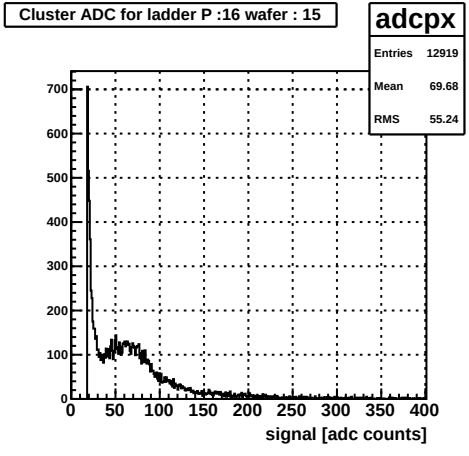

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 11696
Mean 71.39
RMS 56.7
signal [adc counts]

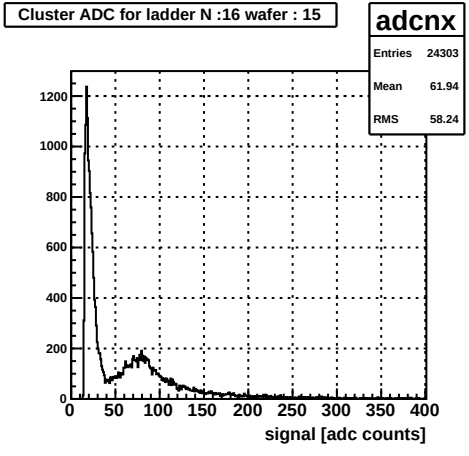

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 11
Mean 0
RMS 0
signal [adc counts]

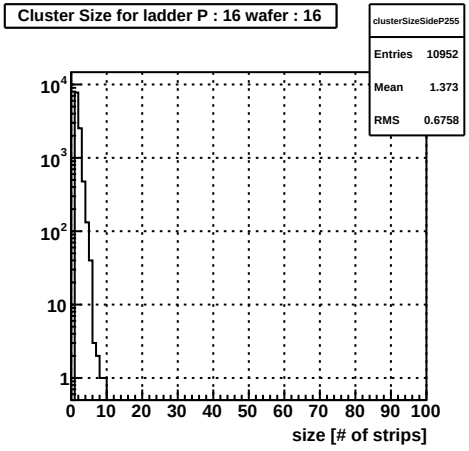

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 12919
Mean 1.372
RMS 0.697
size [# of strips]

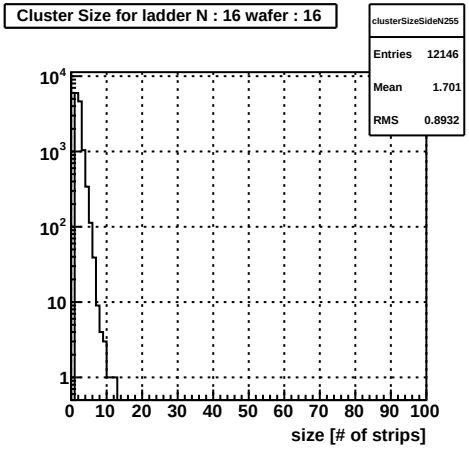

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 24303
Mean 1.472
RMS 0.7958
size [# of strips]

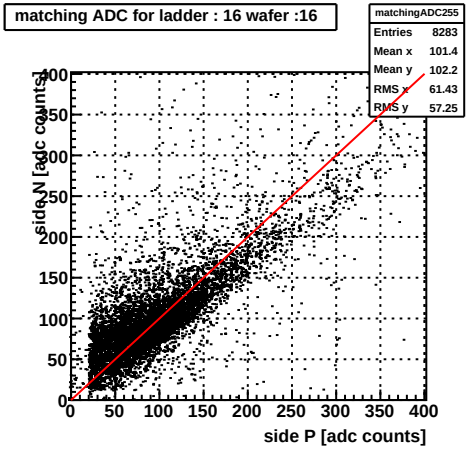

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 10094
Mean x 86.71
Mean y 93.89
RMS x 58.33
RMS y 59.9
side N [adc counts]
side P [adc counts]

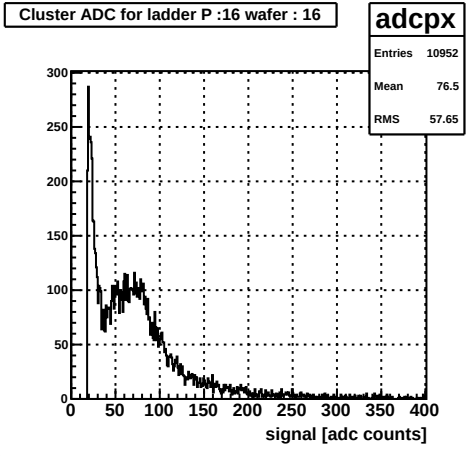

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 12919
Mean 69.68
RMS 55.24
signal [adc counts]

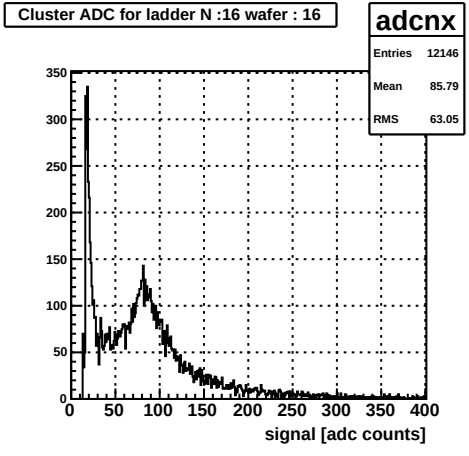

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 24303
Mean 61.94
RMS 58.24
signal [adc counts]

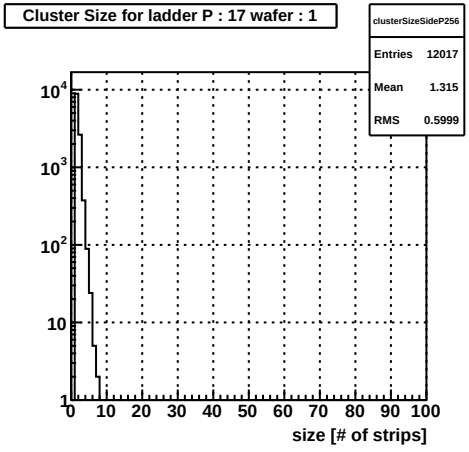

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 10952
Mean 1.373
RMS 0.6758
size [# of strips]

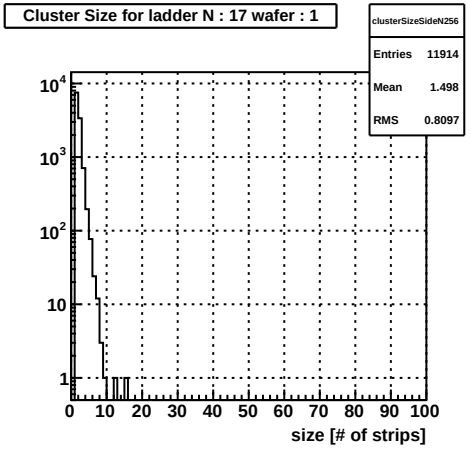

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 12146
Mean 1.701
RMS 0.8932
size [# of strips]

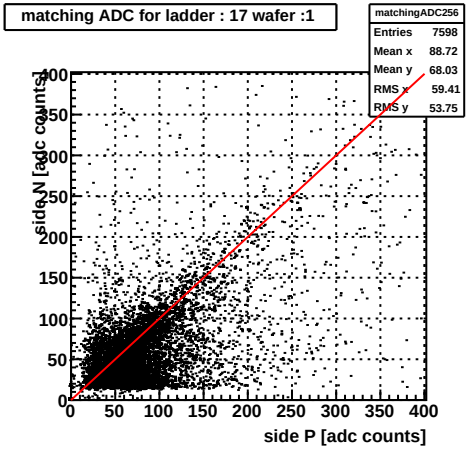

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 8283
Mean x 101.4
Mean y 102.2
RMS x 61.43
RMS y 57.25
side N [adc counts]
side P [adc counts]

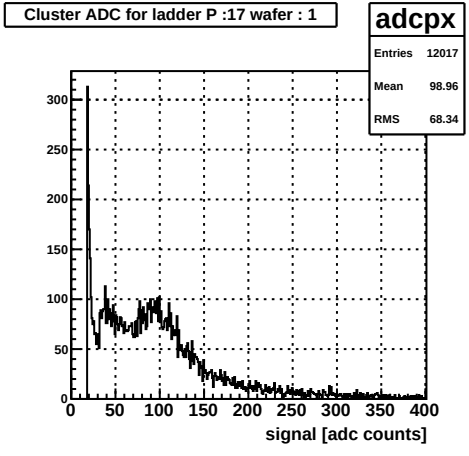

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 10952
Mean 76.5
RMS 57.65
signal [adc counts]

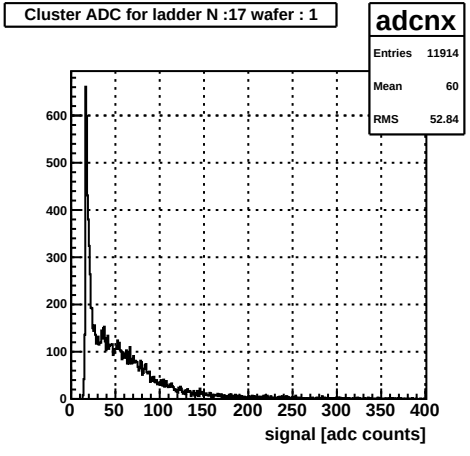

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 12146
Mean 85.79
RMS 63.05
signal [adc counts]

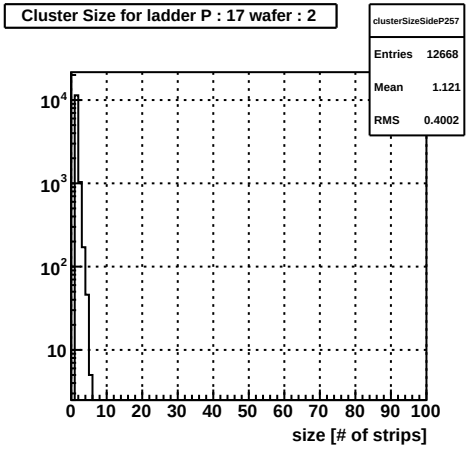

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 12017
Mean 1.315
RMS 0.5999
size [# of strips]

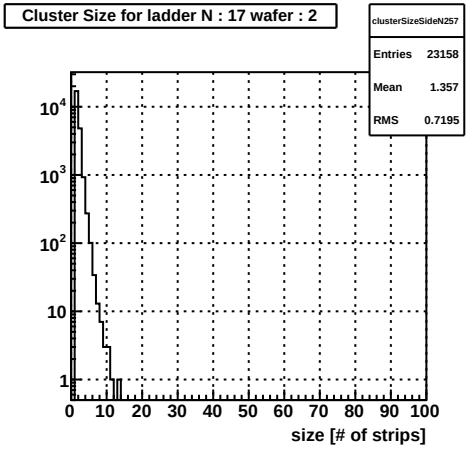

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 11914
Mean 1.498
RMS 0.8097
size [# of strips]

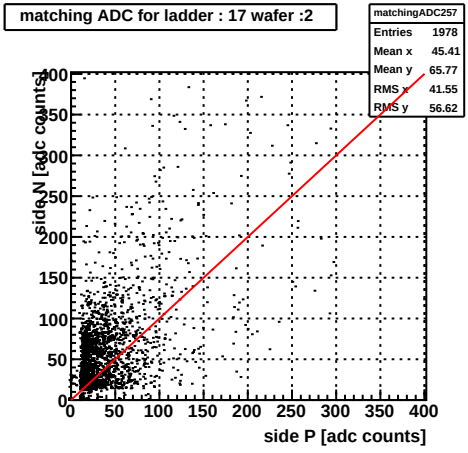

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 7598
Mean x 88.72
Mean y 68.03
RMS x 59.41
RMS y 53.75
side N [adc counts]
side P [adc counts]

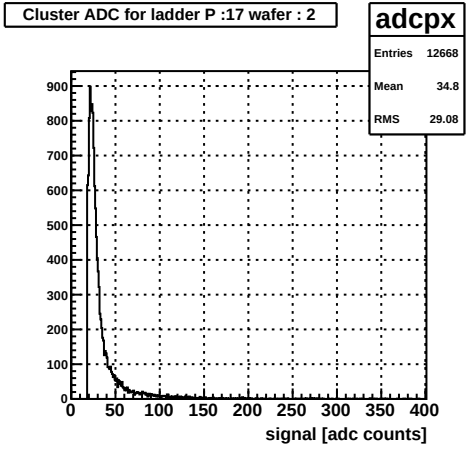

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 12017
Mean 98.96
RMS 68.34
signal [adc counts]

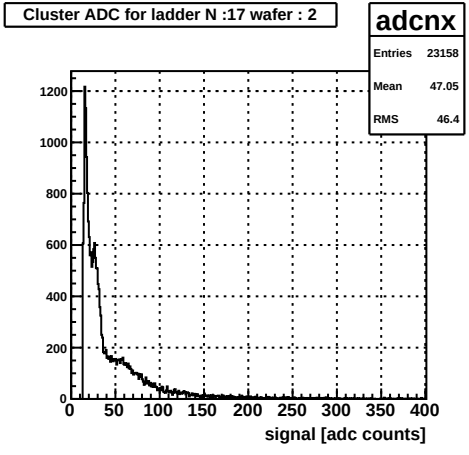

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 11914
Mean 60
RMS 52.84
signal [adc counts]

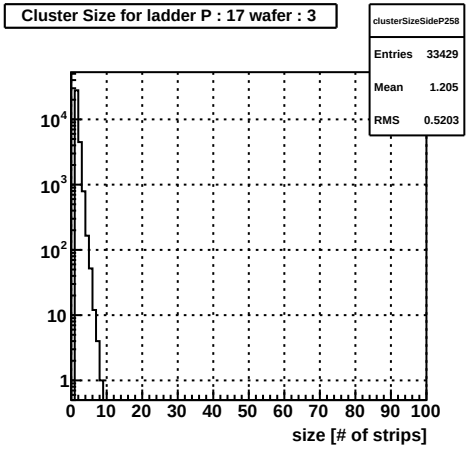

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 12668
Mean 1.121
RMS 0.4002
size [# of strips]

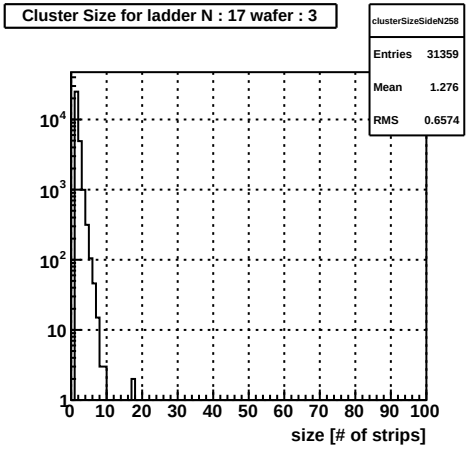

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 23158
Mean 1.357
RMS 0.7195
size [# of strips]

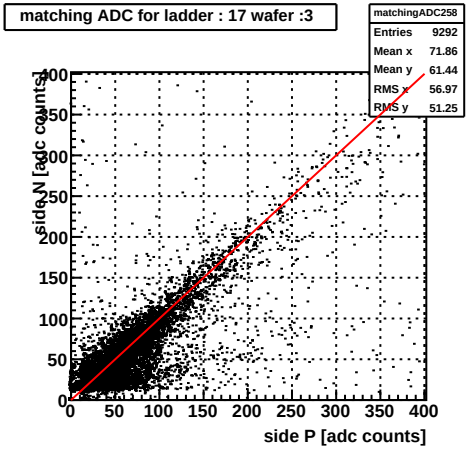

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1978
Mean x 45.41
Mean y 65.77
RMS x 41.55
RMS y 56.62
side N [adc counts]
side P [adc counts]

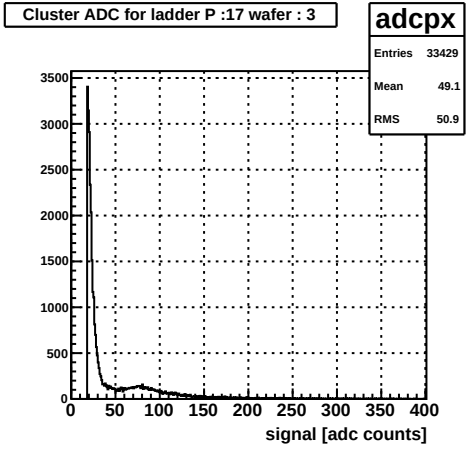

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 12668
Mean 34.8
RMS 29.08
signal [adc counts]

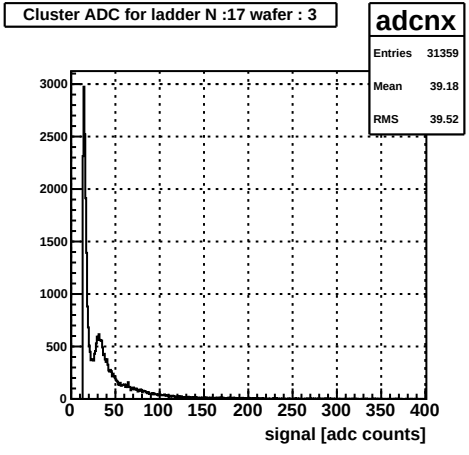

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 23158
Mean 47.05
RMS 46.4
signal [adc counts]

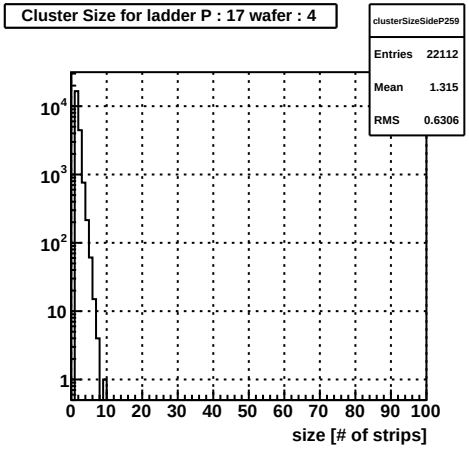

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 33429
Mean 1.205
RMS 0.5203
size [# of strips]

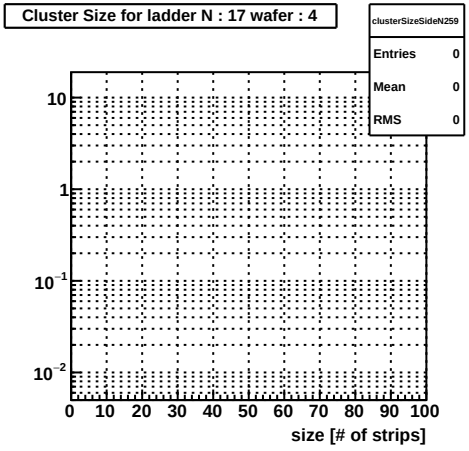

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 31359
Mean 1.276
RMS 0.6574
size [# of strips]

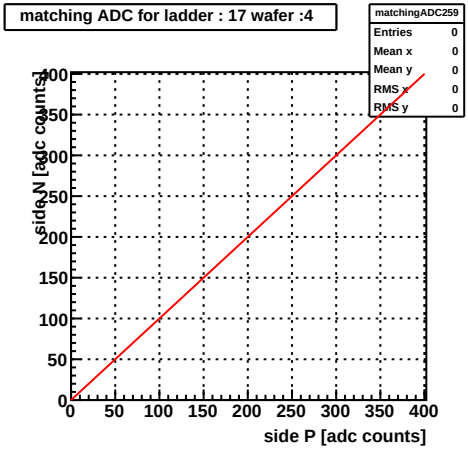

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 9292
Mean x 71.86
Mean y 61.44
RMS x 56.97
RMS y 51.25
side N [adc counts]
side P [adc counts]

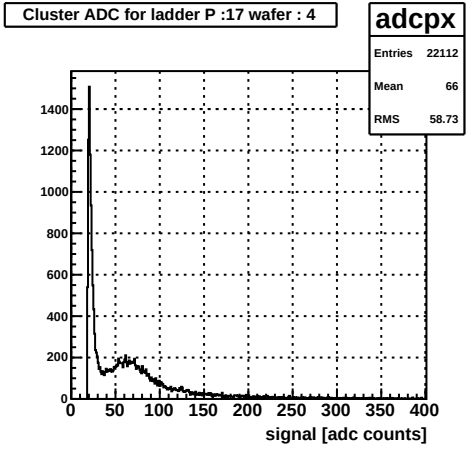

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 33429
Mean 49.1
RMS 50.9
signal [adc counts]

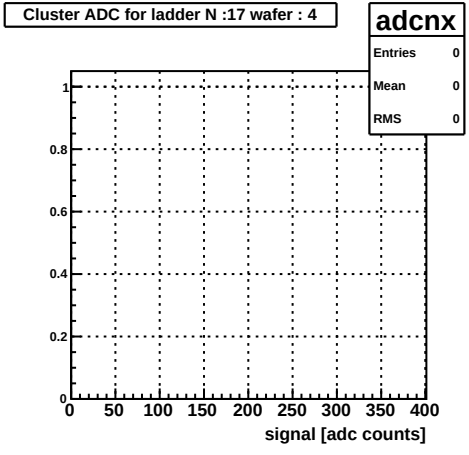

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 31359
Mean 39.18
RMS 39.52
signal [adc counts]

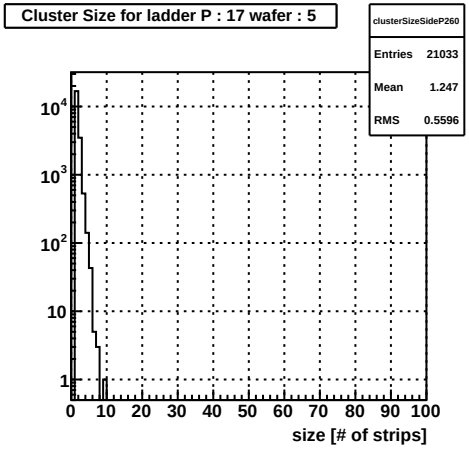

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 22112
Mean 1.315
RMS 0.6306
size [# of strips]

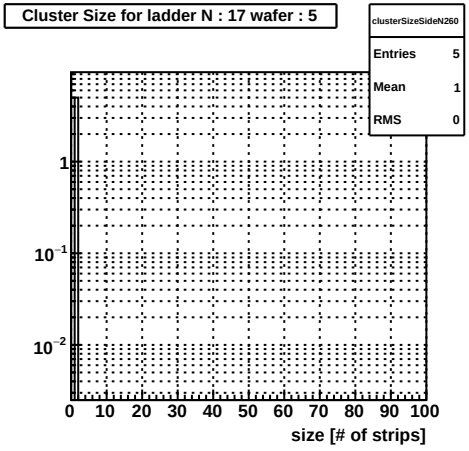

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

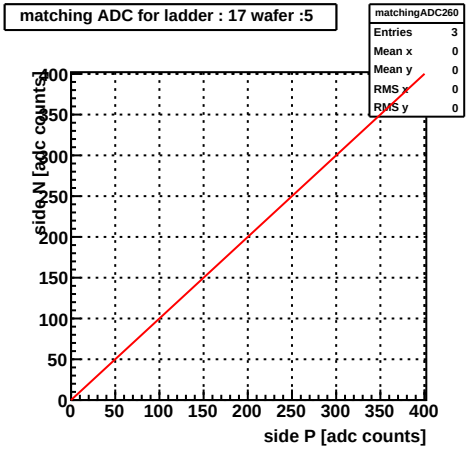

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

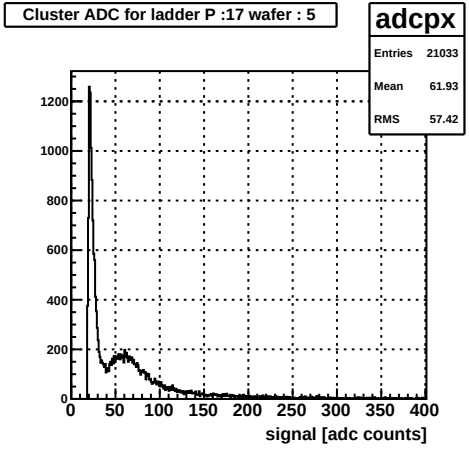

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 22112
Mean 66
RMS 58.73
signal [adc counts]

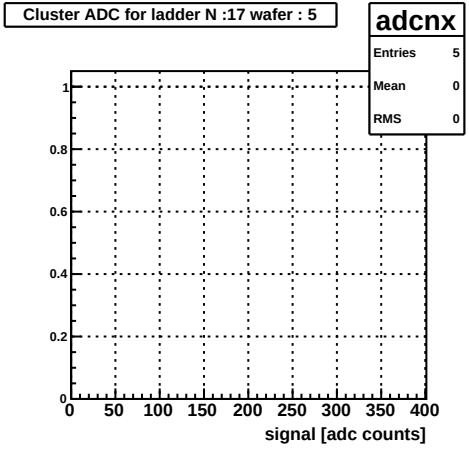

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

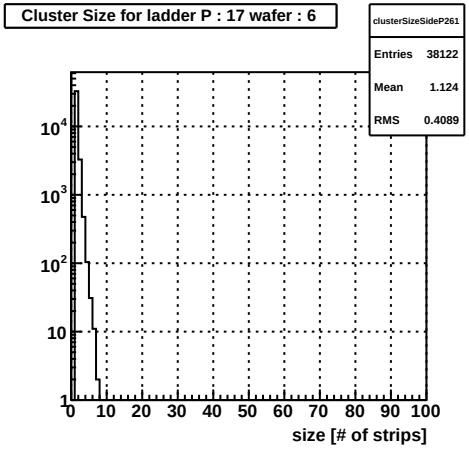

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 21033
Mean 1.247
RMS 0.5596
size [# of strips]

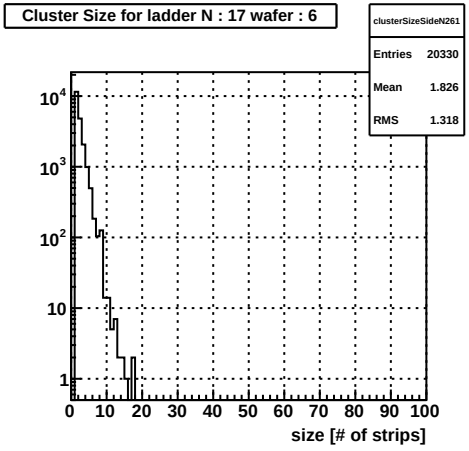

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 5
Mean 1
RMS 0
size [# of strips]

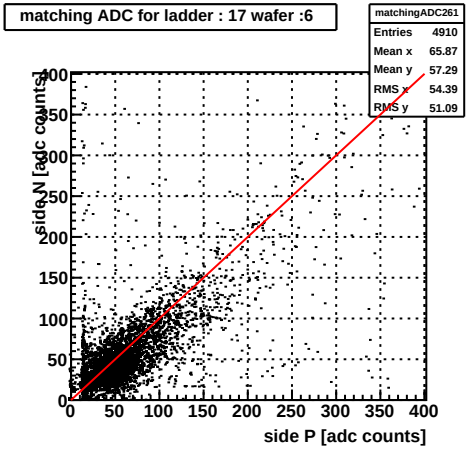

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

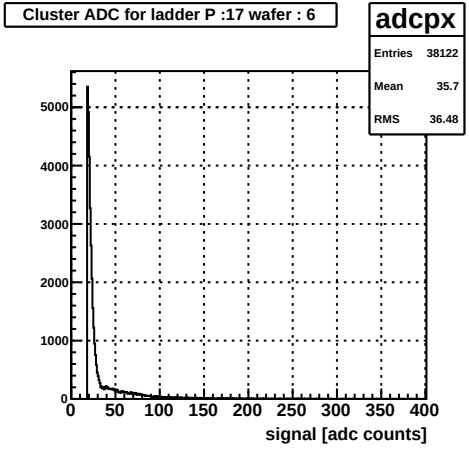

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 21033
Mean 61.93
RMS 57.42
signal [adc counts]

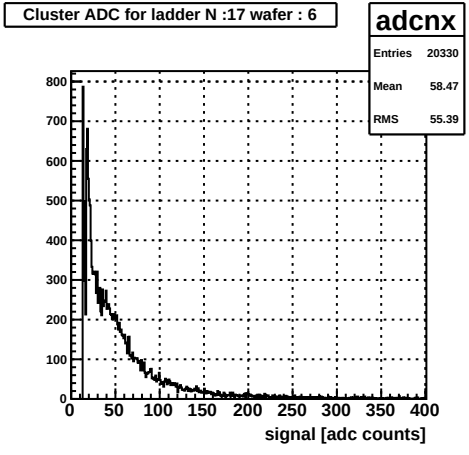

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 5
Mean 0
RMS 0
signal [adc counts]

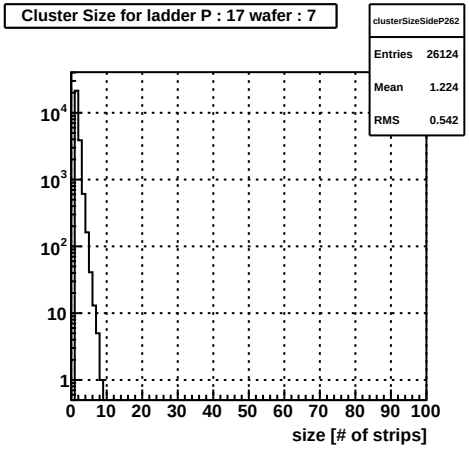

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 38122
Mean 1.124
RMS 0.4089
size [# of strips]

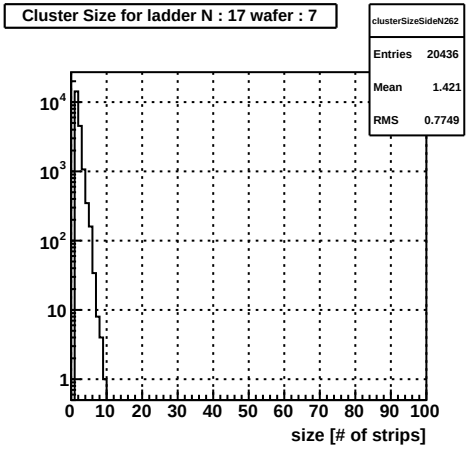

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 20330
Mean 1.826
RMS 1.318
size [# of strips]

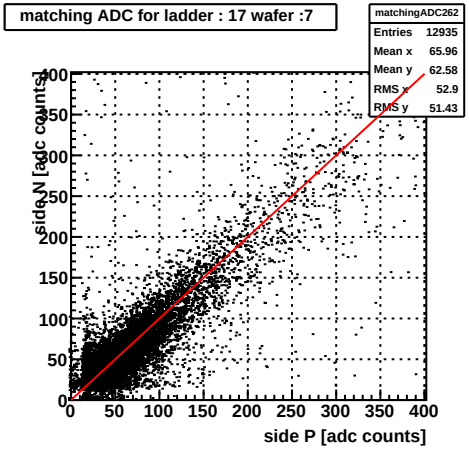

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 4910
Mean x 65.87
Mean y 57.29
RMS x 54.39
RMS y 51.09
side N [adc counts]
side P [adc counts]

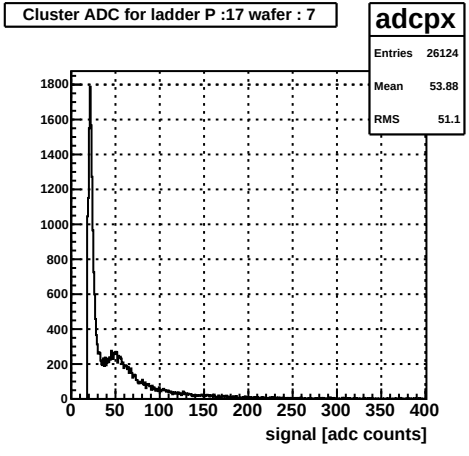

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 38122
Mean 35.7
RMS 36.48
signal [adc counts]

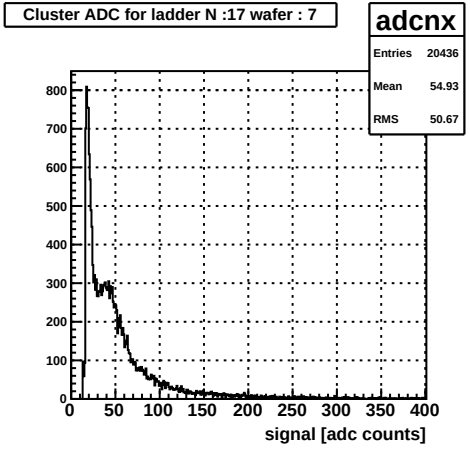

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 20330
Mean 58.47
RMS 55.39
signal [adc counts]

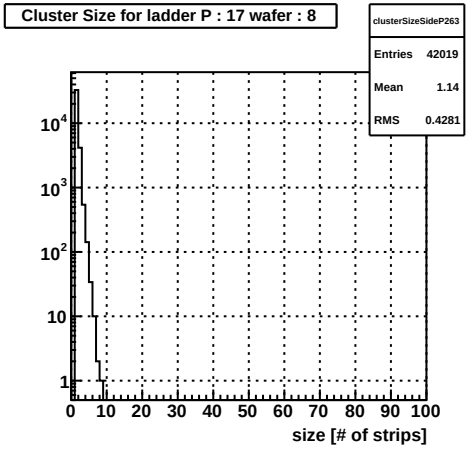

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 26124
Mean 1.224
RMS 0.542
size [# of strips]

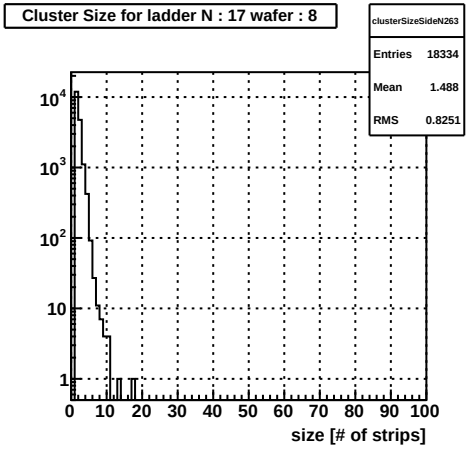

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 20436
Mean 1.421
RMS 0.7749
size [# of strips]

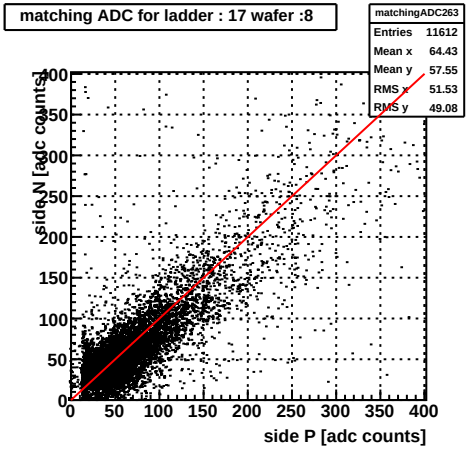

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 12935
Mean x 65.96
Mean y 62.58
RMS x 52.9
RMS y 51.43
side N [adc counts]
side P [adc counts]

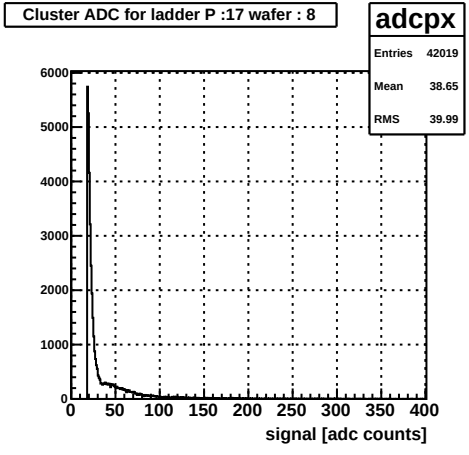

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 26124
Mean 53.88
RMS 51.1
signal [adc counts]

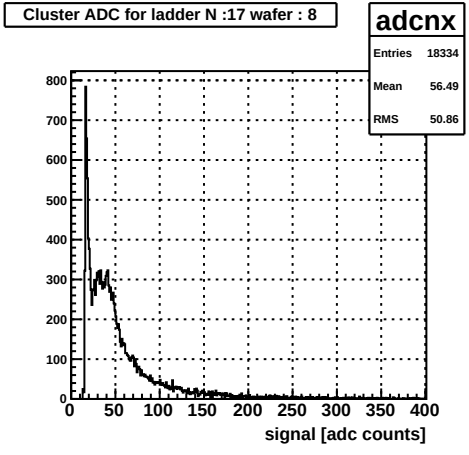

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 20436
Mean 54.93
RMS 50.67
signal [adc counts]

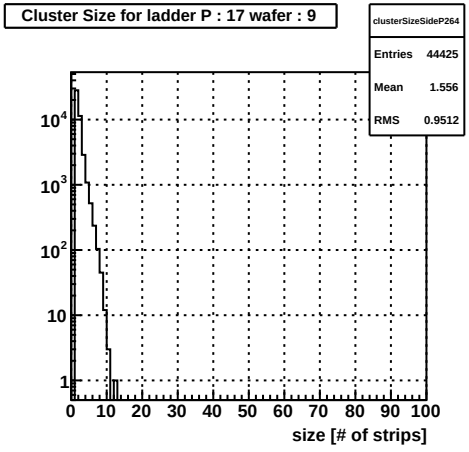

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 42019
Mean 1.14
RMS 0.4281
size [# of strips]

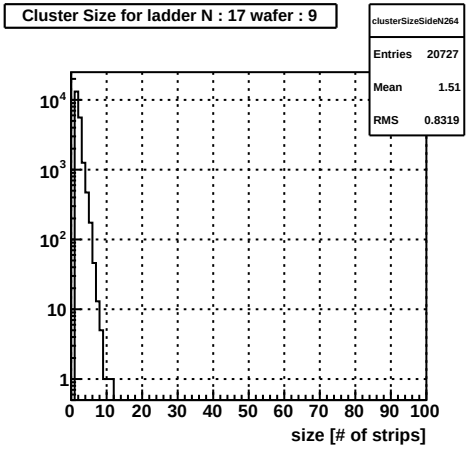

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 18334
Mean 1.488
RMS 0.8251
size [# of strips]

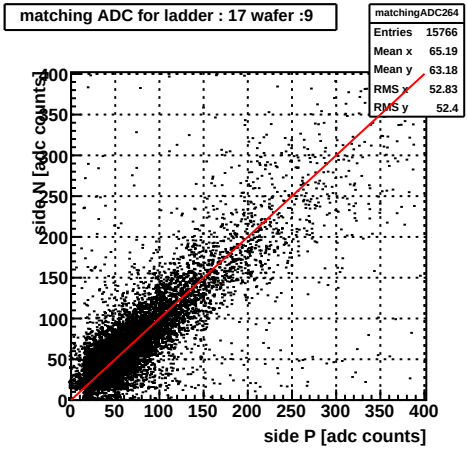

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 11612
Mean x 64.43
Mean y 57.55
RMS x 51.53
RMS y 49.08
side N [adc counts]
side P [adc counts]

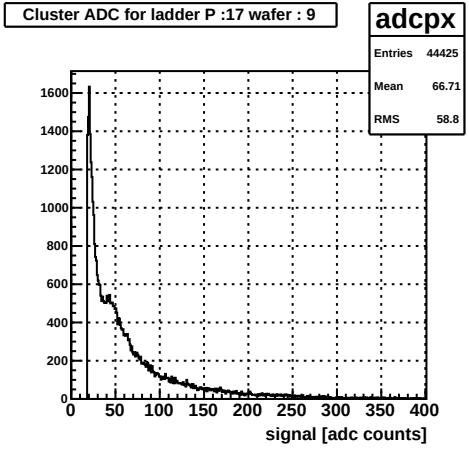

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 42019
Mean 38.65
RMS 39.99
signal [adc counts]

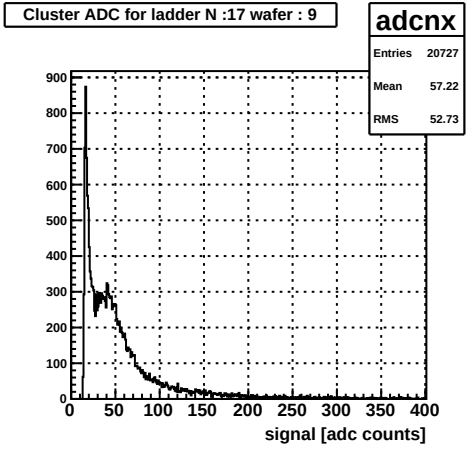

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 18334
Mean 56.49
RMS 50.86
signal [adc counts]

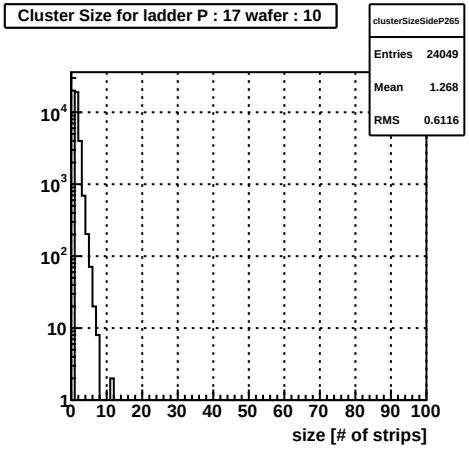

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 44425
Mean 1.556
RMS 0.9512
size [# of strips]

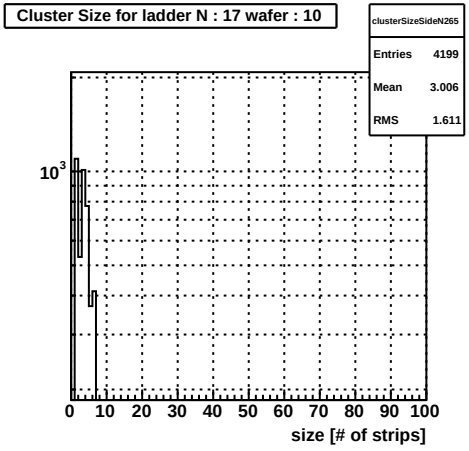

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 20727
Mean 1.51
RMS 0.8319
size [# of strips]

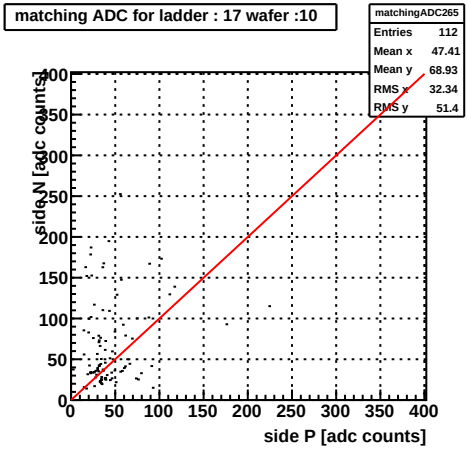

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 15766
Mean x 65.19
Mean y 63.18
RMS x 52.83
RMS y 52.4
side N [adc counts]
side P [adc counts]

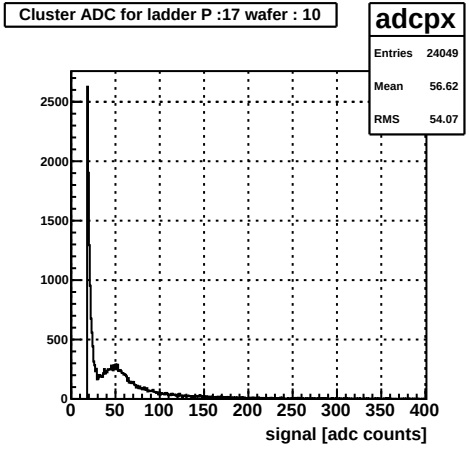

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 44425
Mean 66.71
RMS 58.8
signal [adc counts]

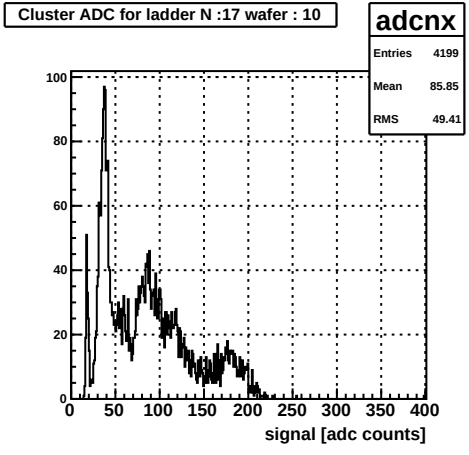

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 20727
Mean 57.22
RMS 52.73
signal [adc counts]

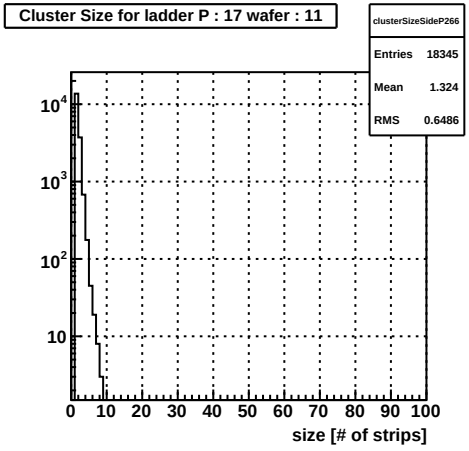

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 24049
Mean 1.268
RMS 0.6116
size [# of strips]

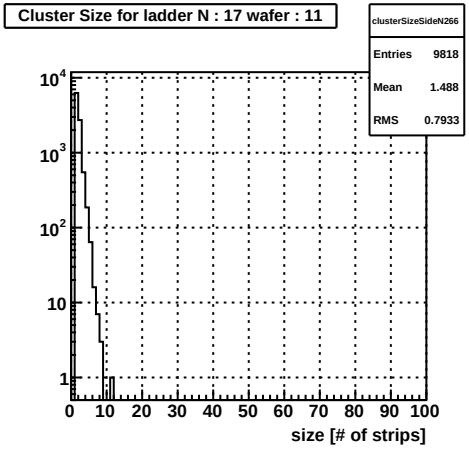

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 4199
Mean 3.006
RMS 1.611
size [# of strips]

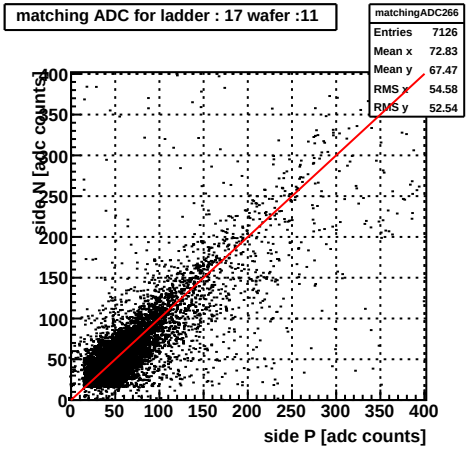

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 112
Mean x 47.41
Mean y 68.93
RMS x 32.34
RMS y 51.4
side N [adc counts]
side P [adc counts]

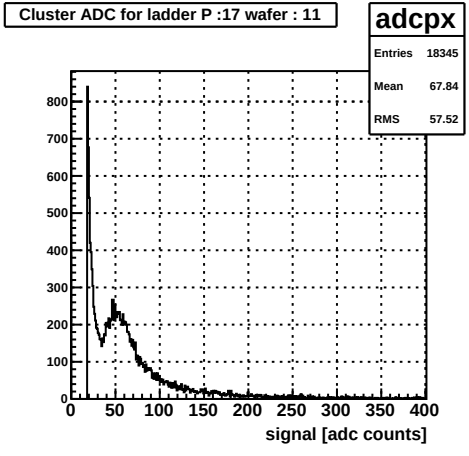

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 24049
Mean 56.62
RMS 54.07
signal [adc counts]

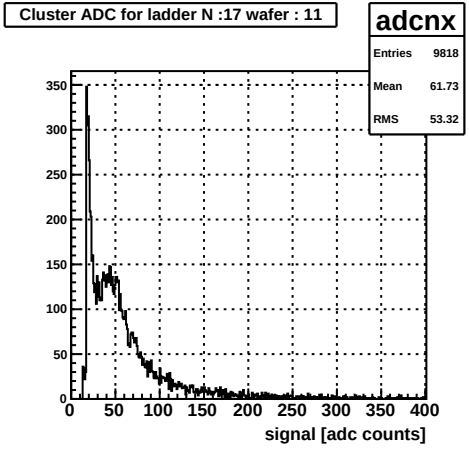

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 4199
Mean 85.85
RMS 49.41
signal [adc counts]

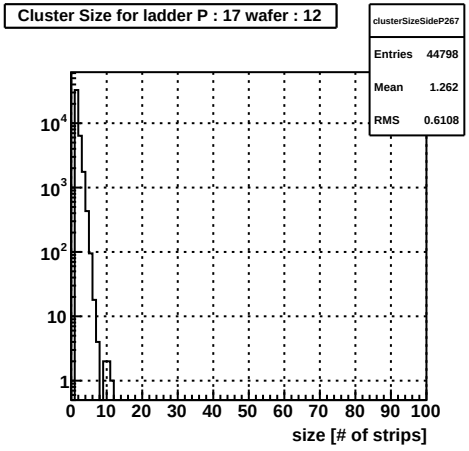

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 18345
Mean 1.324
RMS 0.6486
size [# of strips]

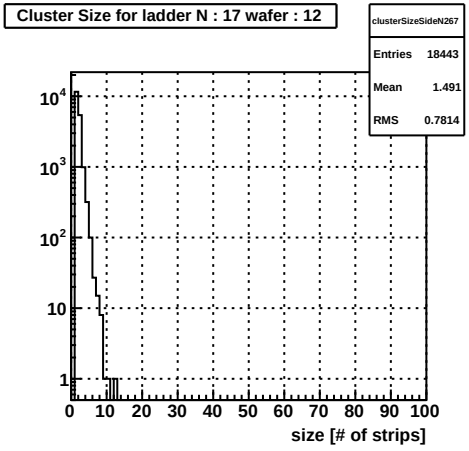

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 9818
Mean 1.488
RMS 0.7933
size [# of strips]

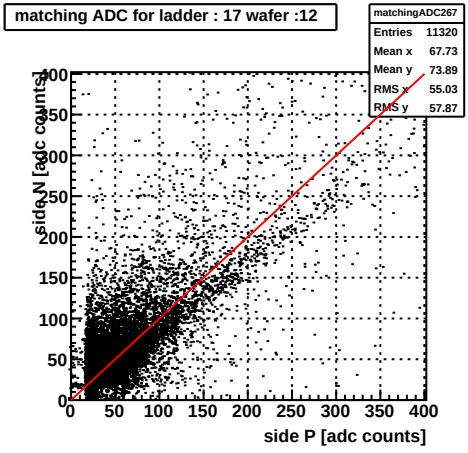

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 7126
Mean x 72.83
Mean y 67.47
RMS x 54.58
RMS y 52.54
side N [adc counts]
side P [adc counts]

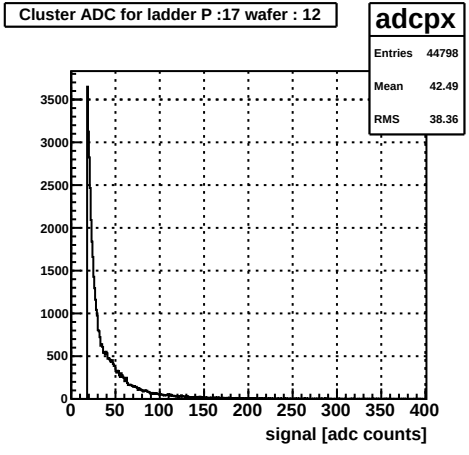

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 18345
Mean 67.84
RMS 57.52
signal [adc counts]

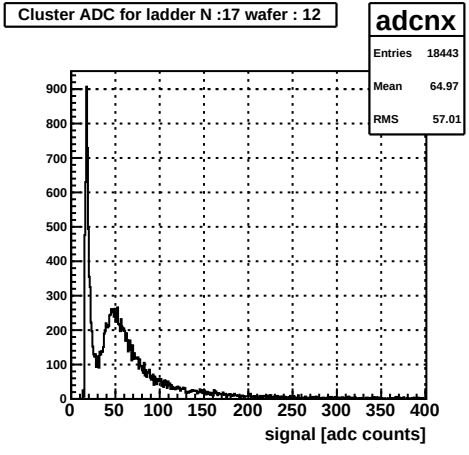

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 9818
Mean 61.73
RMS 53.32
signal [adc counts]

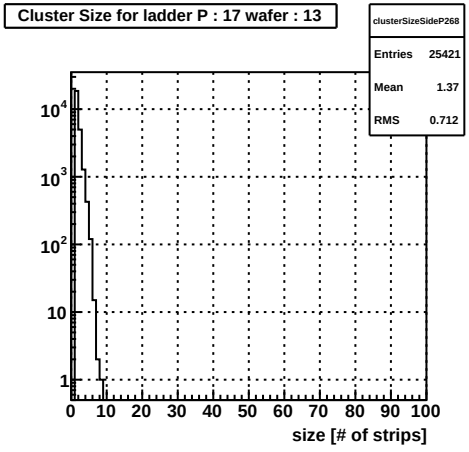

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 44798
Mean 1.262
RMS 0.6108
size [# of strips]

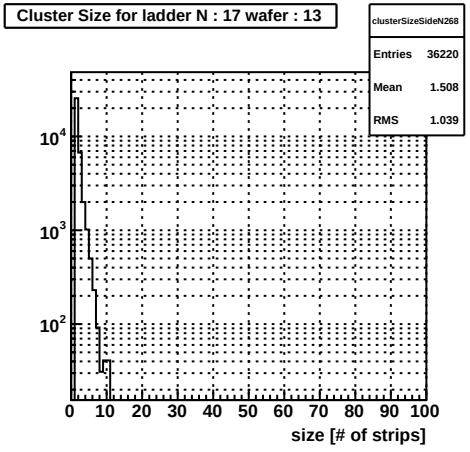

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 18443
Mean 1.491
RMS 0.7814
size [# of strips]

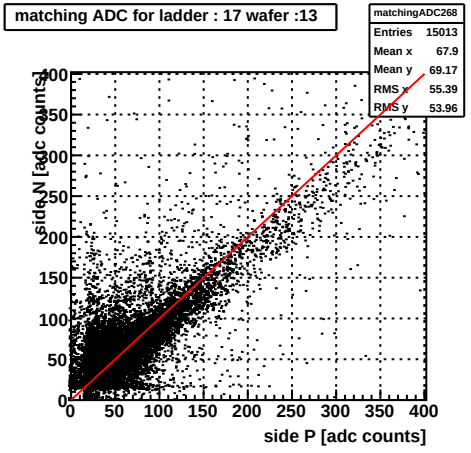

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 11320
Mean x 67.73
Mean y 73.89
RMS x 55.03
RMS y 57.87
side N [adc counts]
side P [adc counts]

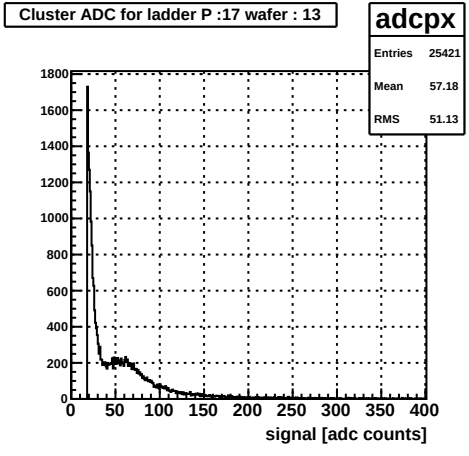

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 44798
Mean 42.49
RMS 38.36
signal [adc counts]

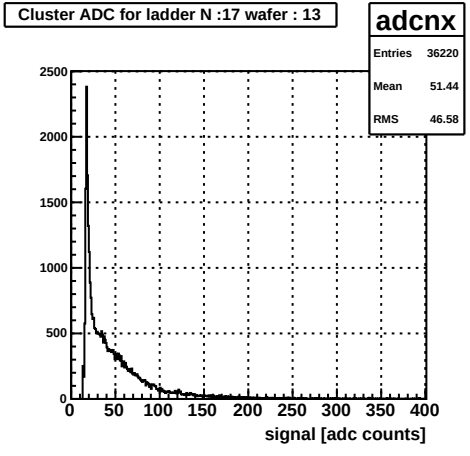

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 18443
Mean 64.97
RMS 57.01
signal [adc counts]

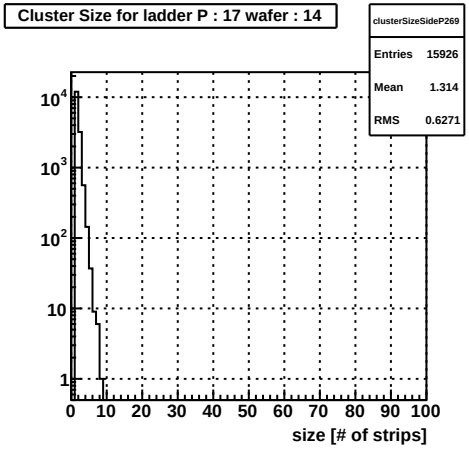

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 25421
Mean 1.37
RMS 0.712
size [# of strips]

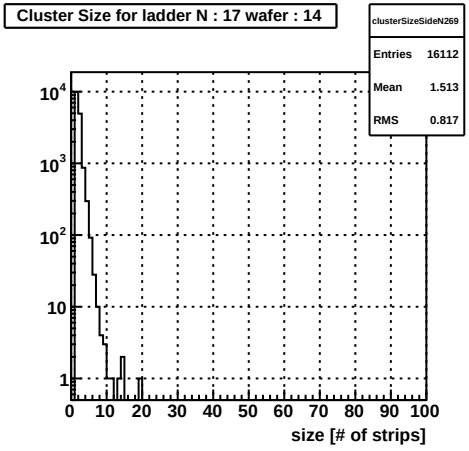

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 36220
Mean 1.508
RMS 1.039
size [# of strips]

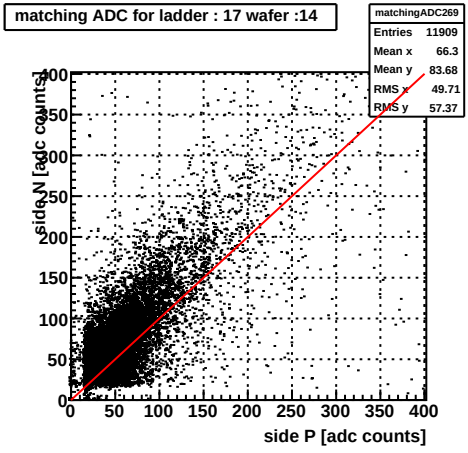

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 15013
Mean x 67.9
Mean y 69.17
RMS x 55.39
RMS y 53.96
side N [adc counts]
side P [adc counts]

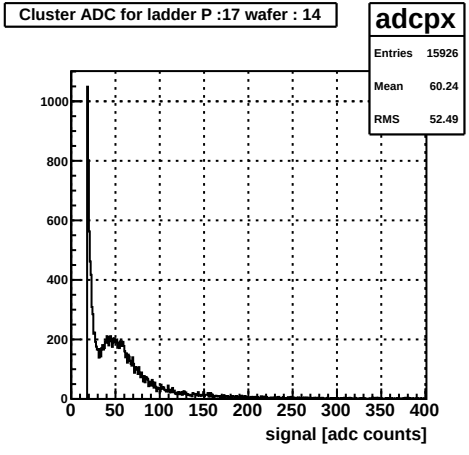

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 25421
Mean 57.18
RMS 51.13
signal [adc counts]

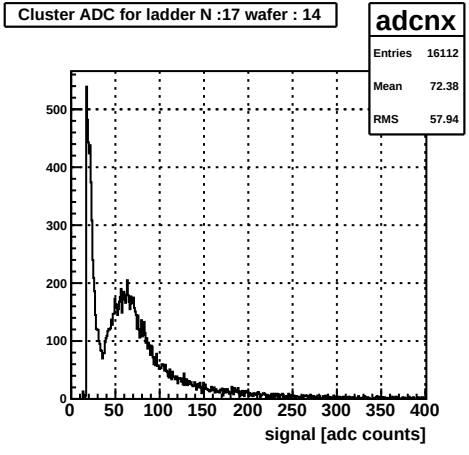

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 36220
Mean 51.44
RMS 46.58
signal [adc counts]

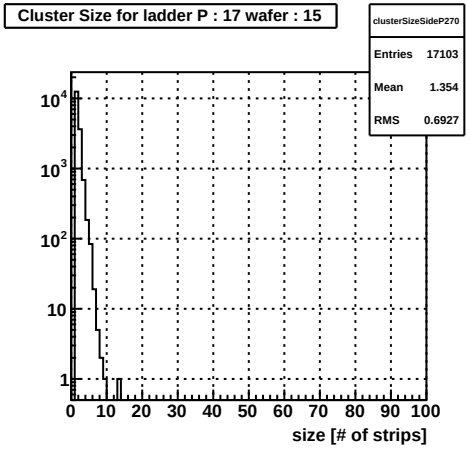

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 15926
Mean 1.314
RMS 0.6271
size [# of strips]

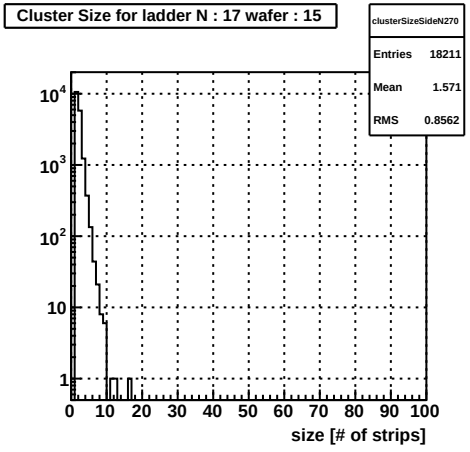

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 16112
Mean 1.513
RMS 0.817
size [# of strips]

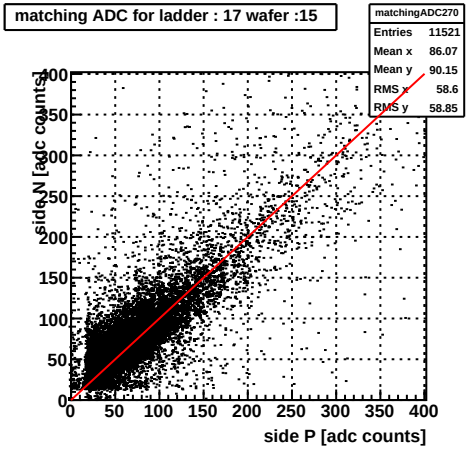

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 11909
Mean x 66.3
Mean y 83.68
RMS x 49.71
RMS y 57.37
side N [adc counts]
side P [adc counts]

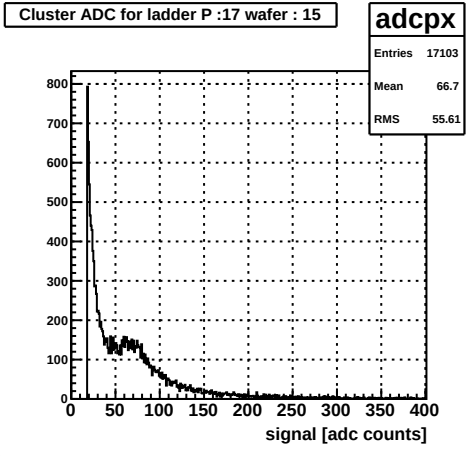

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 15926
Mean 60.24
RMS 52.49
signal [adc counts]

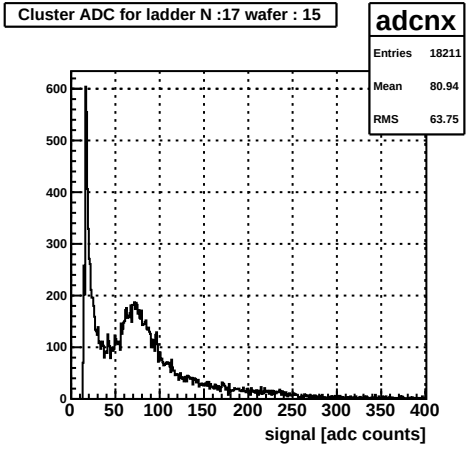

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 16112
Mean 72.38
RMS 57.94
signal [adc counts]

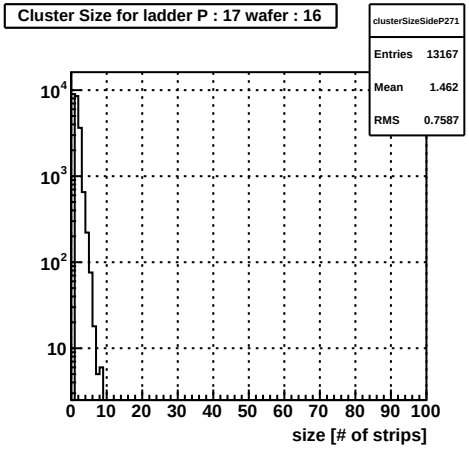

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 17103
Mean 1.354
RMS 0.6927
size [# of strips]

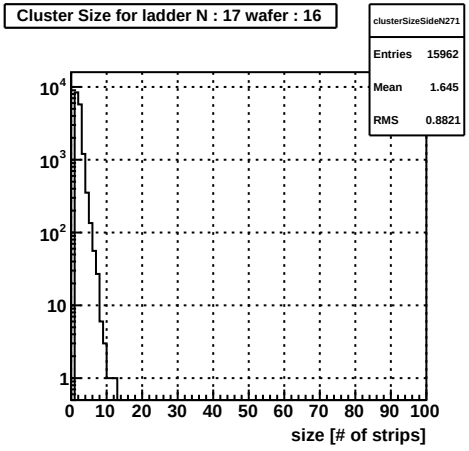

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 18211
Mean 1.571
RMS 0.8562
size [# of strips]

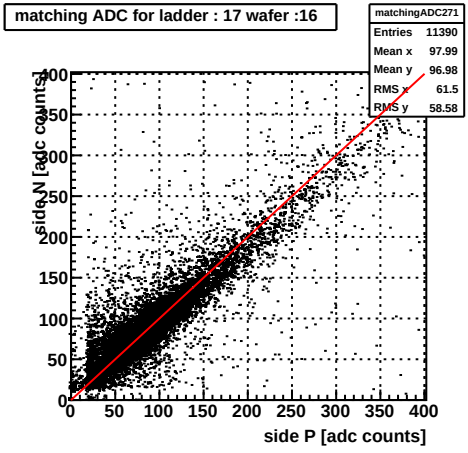

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 11521
Mean x 86.07
Mean y 90.15
RMS x 58.6
RMS y 58.85
side N [adc counts]
side P [adc counts]

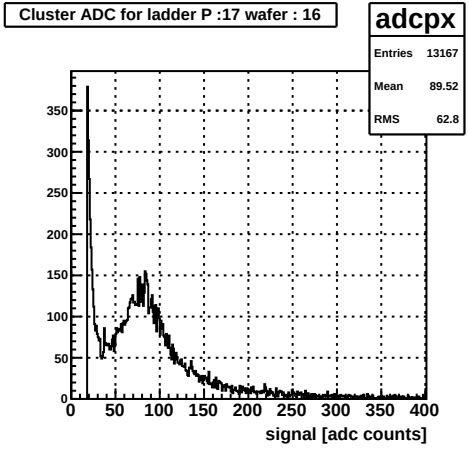

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 17103
Mean 66.7
RMS 55.61
signal [adc counts]

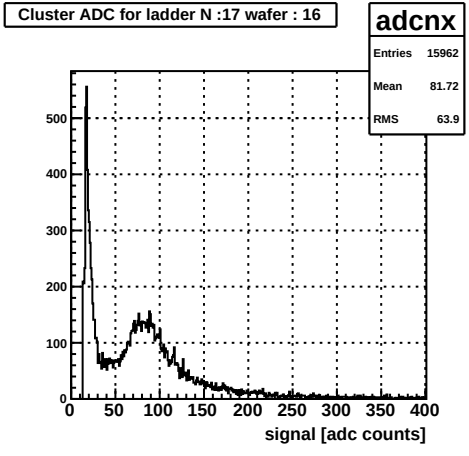

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 18211
Mean 80.94
RMS 63.75
signal [adc counts]

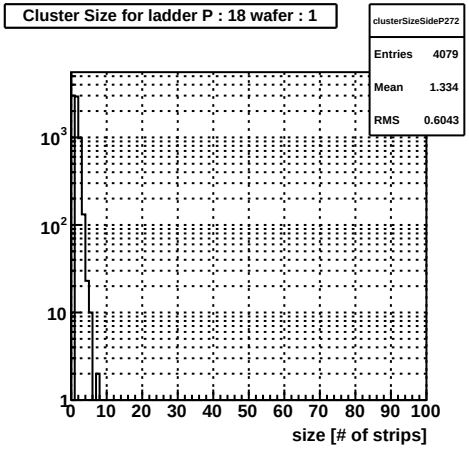

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 13167
Mean 1.462
RMS 0.7587
size [# of strips]

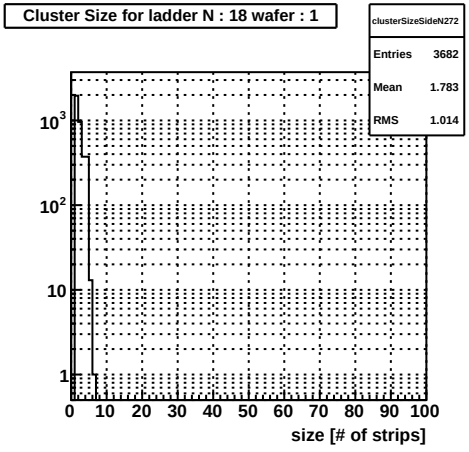

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 15962
Mean 1.645
RMS 0.8821
size [# of strips]

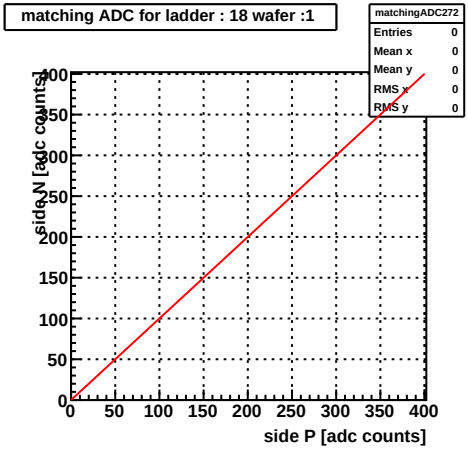

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 11390
Mean x 97.99
Mean y 96.98
RMS x 61.5
RMS y 58.58
side N [adc counts]
side P [adc counts]

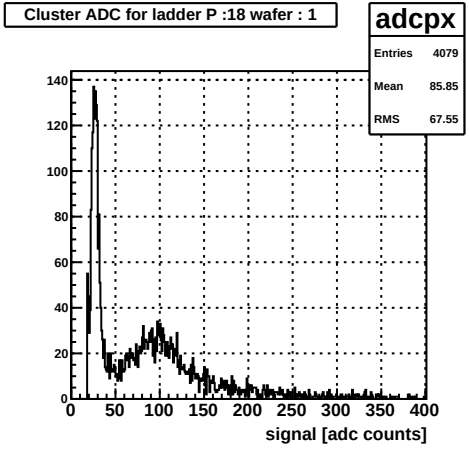

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 13167
Mean 89.52
RMS 62.8
signal [adc counts]

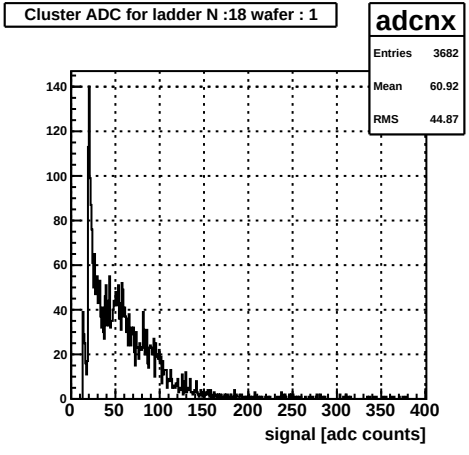

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 15962
Mean 81.72
RMS 63.9
signal [adc counts]

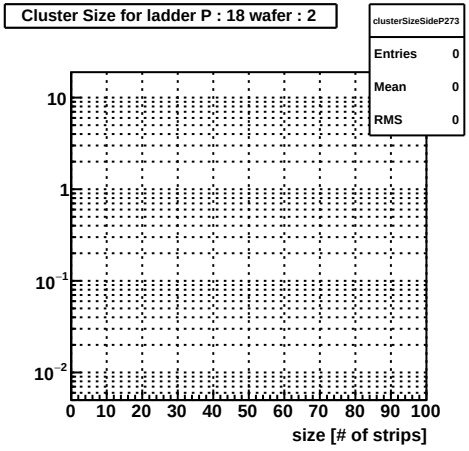

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 4079
Mean 1.334
RMS 0.6043
size [# of strips]

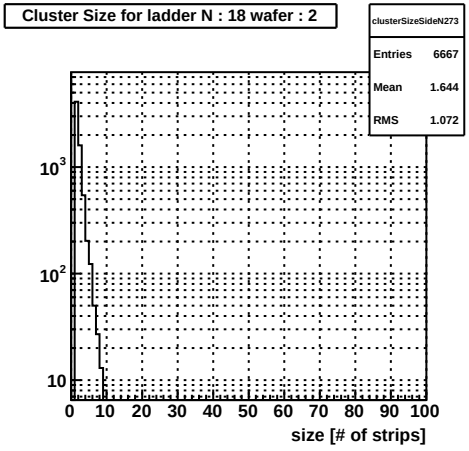

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3682
Mean 1.783
RMS 1.014
size [# of strips]

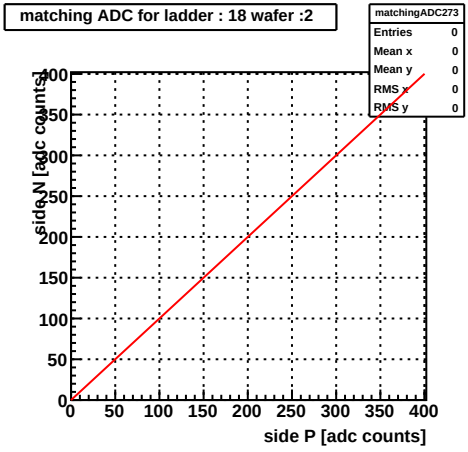

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

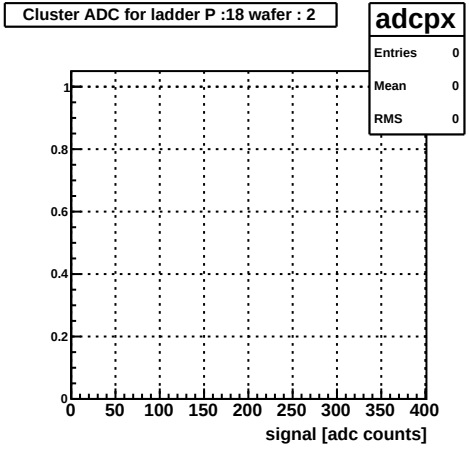

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 4079
Mean 85.85
RMS 67.55
signal [adc counts]

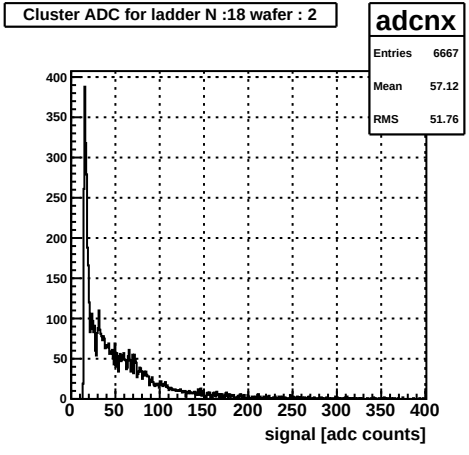

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3682
Mean 60.92
RMS 44.87
signal [adc counts]

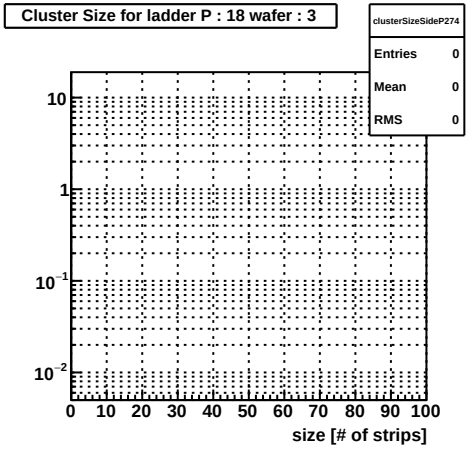

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

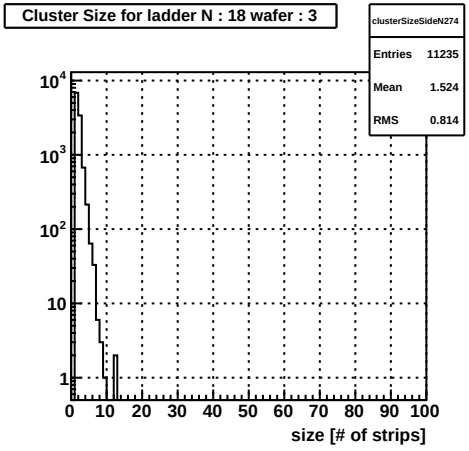

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 6667
Mean 1.644
RMS 1.072
size [# of strips]

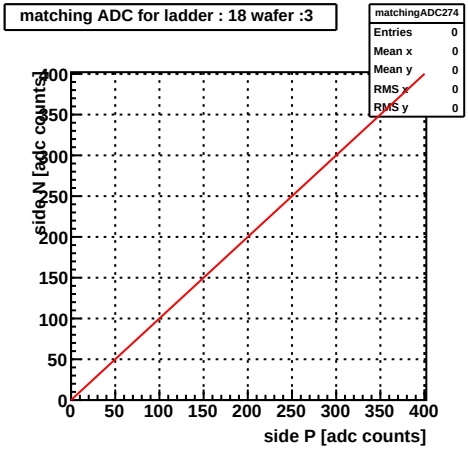

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

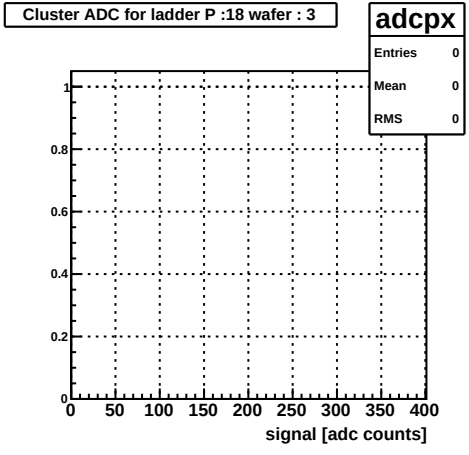

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

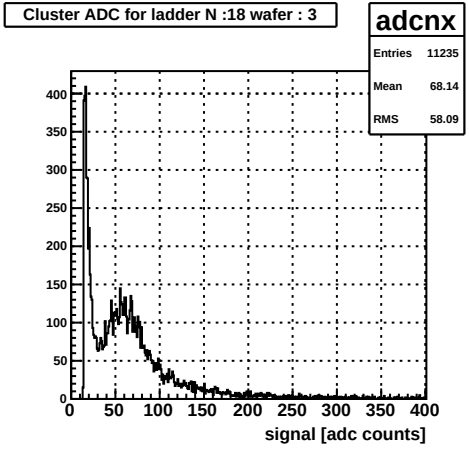

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 6667
Mean 57.12
RMS 51.76
signal [adc counts]

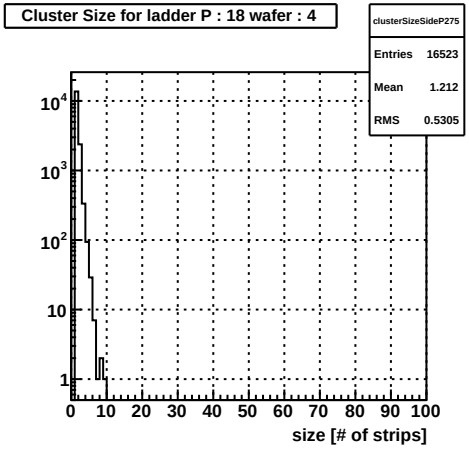

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

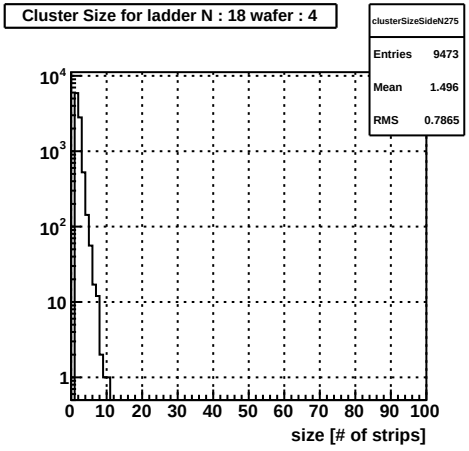

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 11235
Mean 1.524
RMS 0.814
size [# of strips]

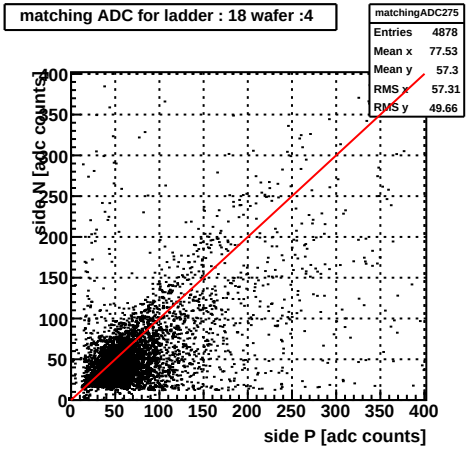

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

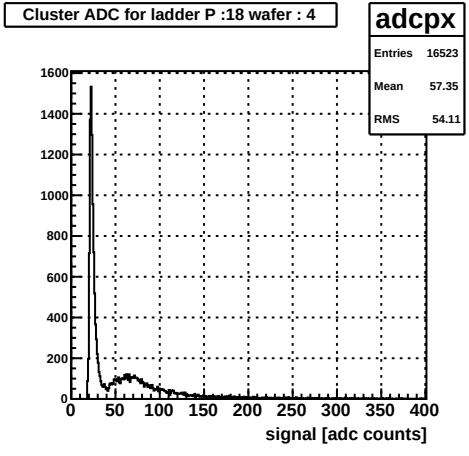

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

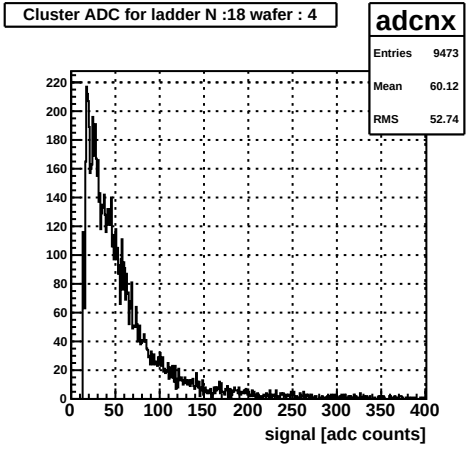

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 11235
Mean 68.14
RMS 58.09
signal [adc counts]

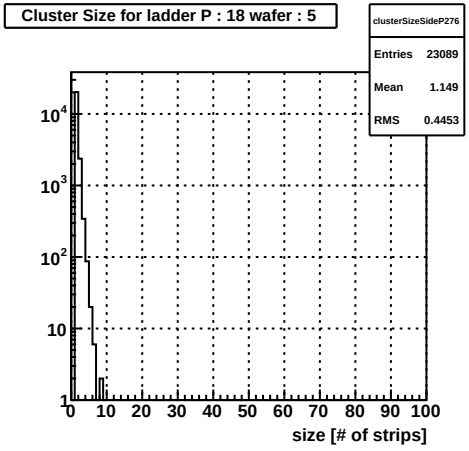

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 16523
Mean 1.212
RMS 0.5305
size [# of strips]

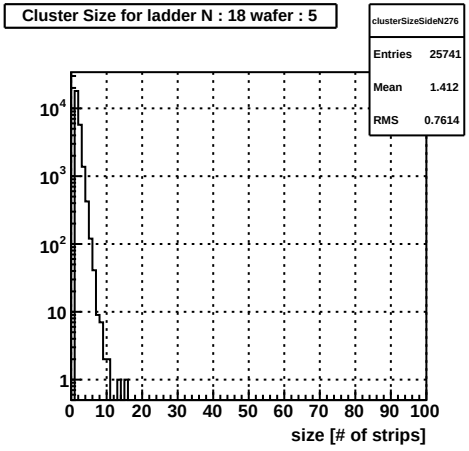

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 9473
Mean 1.496
RMS 0.7865
size [# of strips]

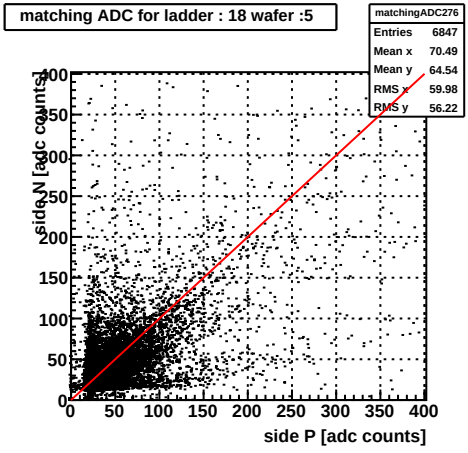

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 4878
Mean x 77.53
Mean y 57.3
RMS x 57.31
RMS y 49.66
side N [adc counts]
side P [adc counts]

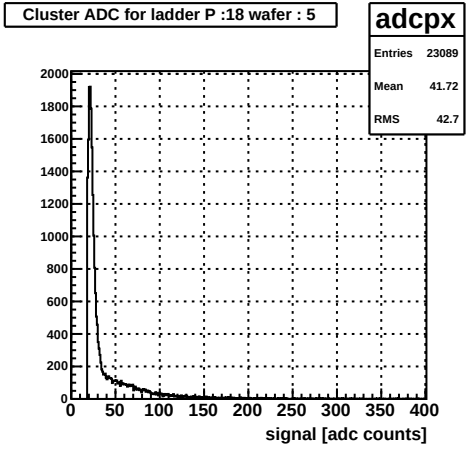

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 16523
Mean 57.35
RMS 54.11
signal [adc counts]

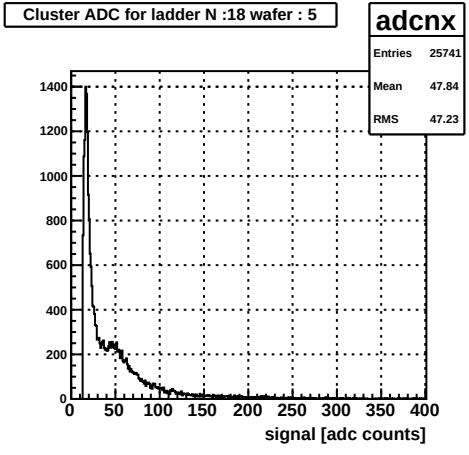

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 9473
Mean 60.12
RMS 52.74
signal [adc counts]

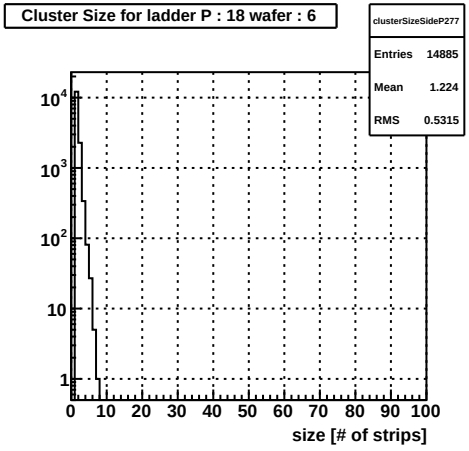

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 23089
Mean 1.149
RMS 0.4453
size [# of strips]

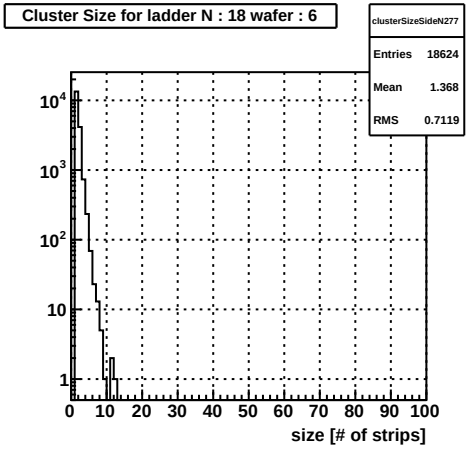

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 25741
Mean 1.412
RMS 0.7614
size [# of strips]

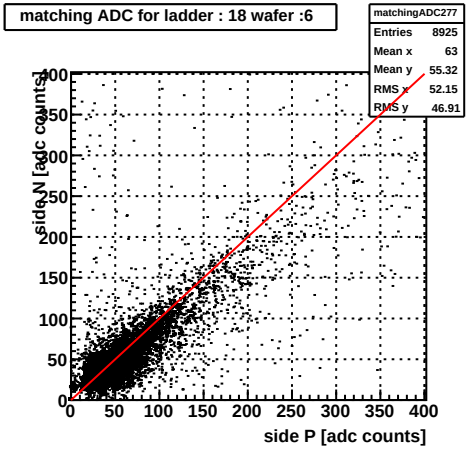

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 6847
Mean x 70.49
Mean y 64.54
RMS x 59.98
RMS y 56.22
side N [adc counts]
side P [adc counts]

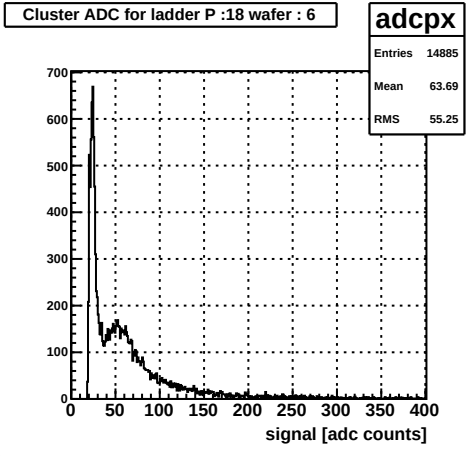

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 23089
Mean 41.72
RMS 42.7
signal [adc counts]

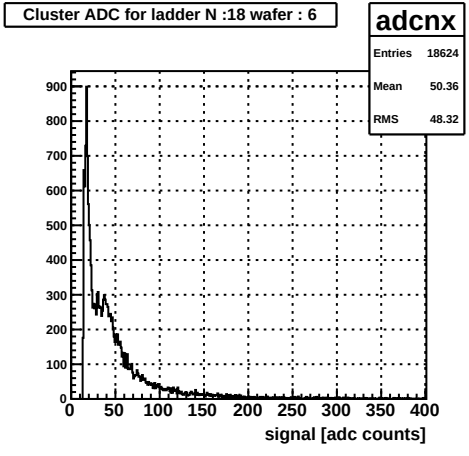

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 25741
Mean 47.84
RMS 47.23
signal [adc counts]

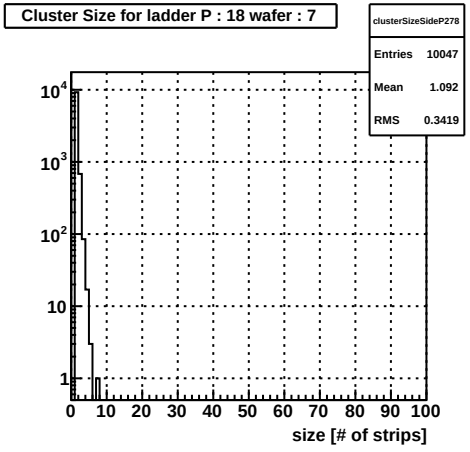

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 14885
Mean 1.224
RMS 0.5315
size [# of strips]

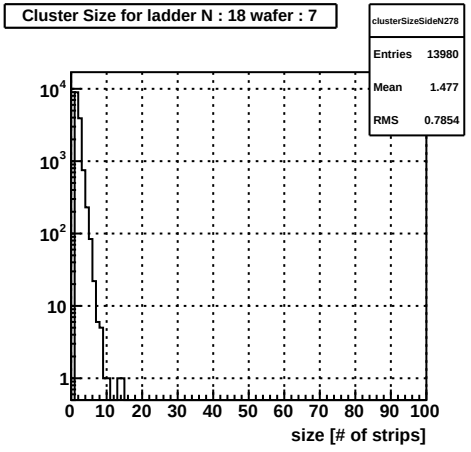

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 18624
Mean 1.368
RMS 0.7119
size [# of strips]

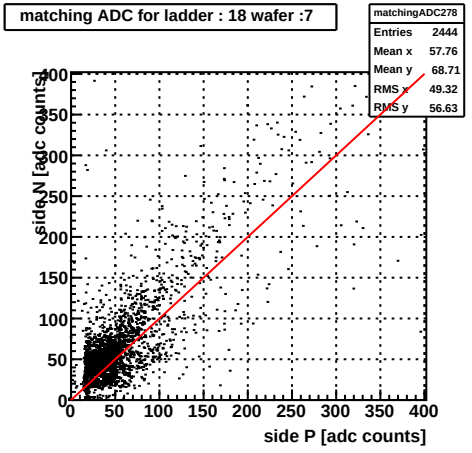

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 8925
Mean x 63
Mean y 55.32
RMS x 52.15
RMS y 46.91
side N [adc counts]
side P [adc counts]

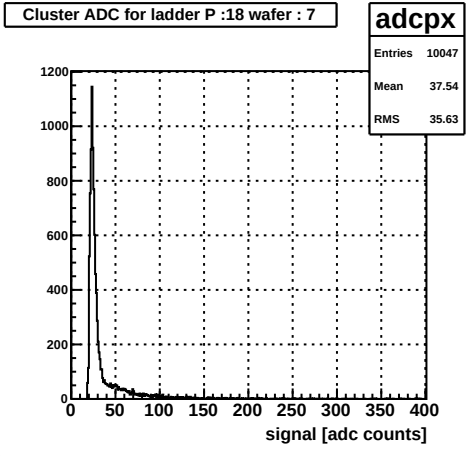

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 14885
Mean 63.69
RMS 55.25
signal [adc counts]

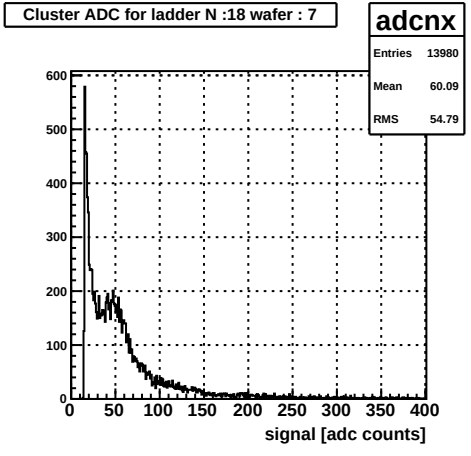

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 18624
Mean 50.36
RMS 48.32
signal [adc counts]

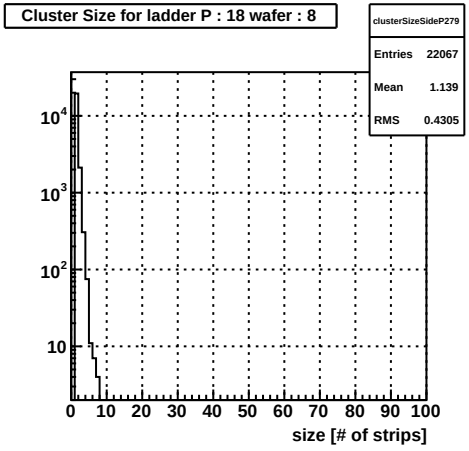

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 10047
Mean 1.092
RMS 0.3419
size [# of strips]

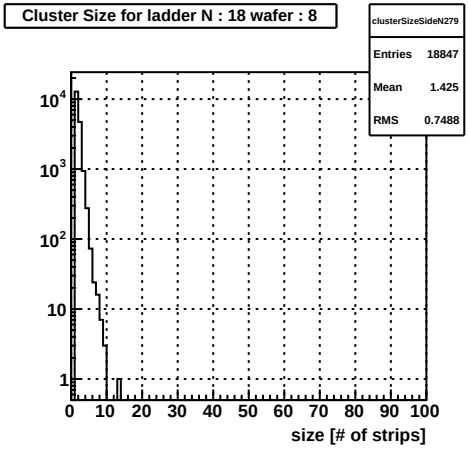

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 13980
Mean 1.477
RMS 0.7854
size [# of strips]

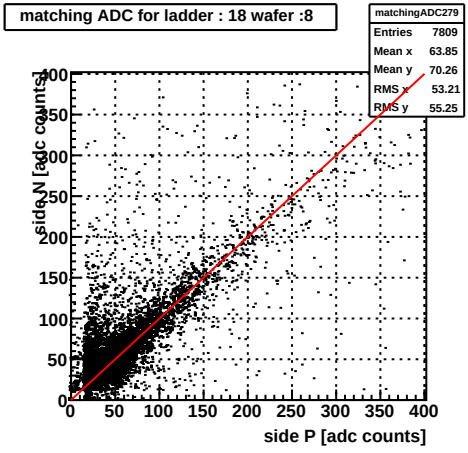

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 2444
Mean x 57.76
Mean y 68.71
RMS x 49.32
RMS y 56.63
side N [adc counts]
side P [adc counts]

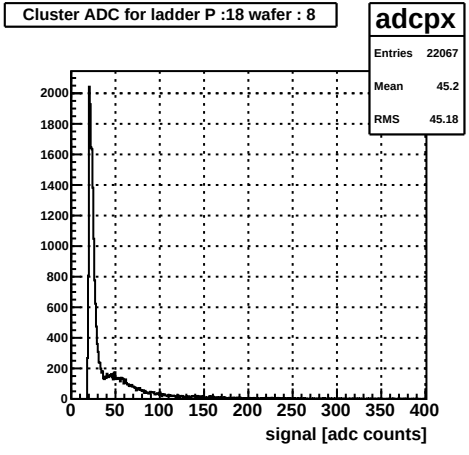

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 10047
Mean 37.54
RMS 35.63
signal [adc counts]

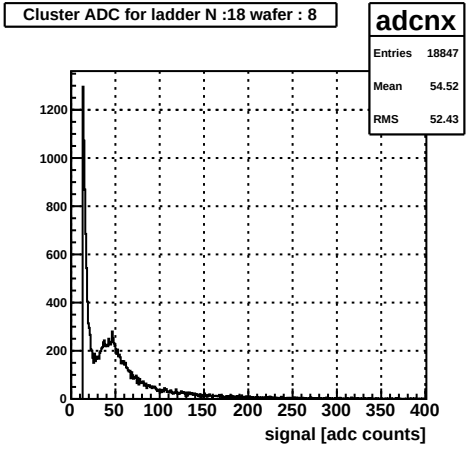

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 13980
Mean 60.09
RMS 54.79
signal [adc counts]

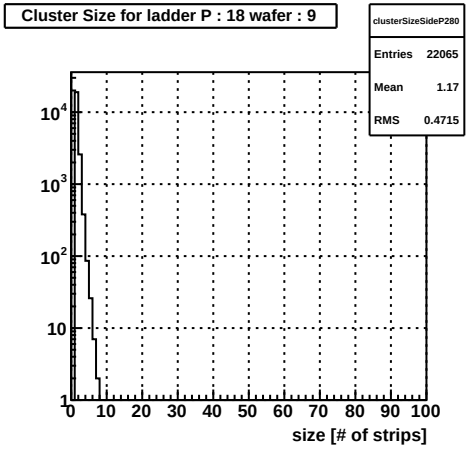

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 22067
Mean 1.139
RMS 0.4305
size [# of strips]

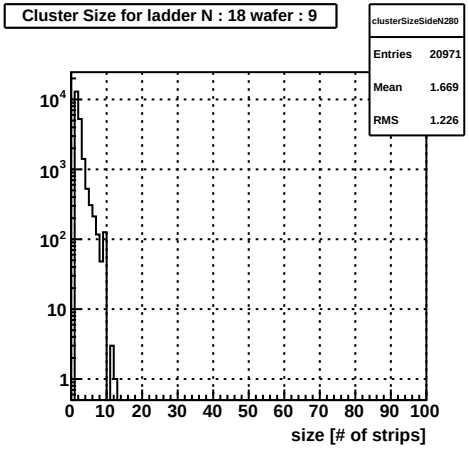

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 18847
Mean 1.425
RMS 0.7488
size [# of strips]

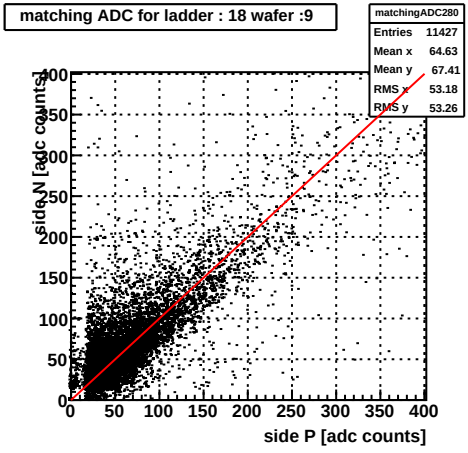

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 7809
Mean x 63.85
Mean y 70.26
RMS x 53.21
RMS y 55.25
side N [adc counts]
side P [adc counts]

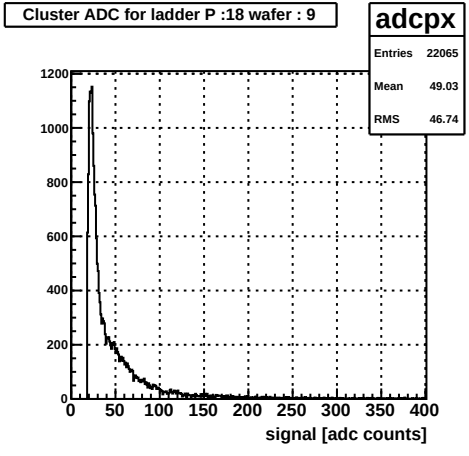

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 22067
Mean 45.2
RMS 45.18
signal [adc counts]

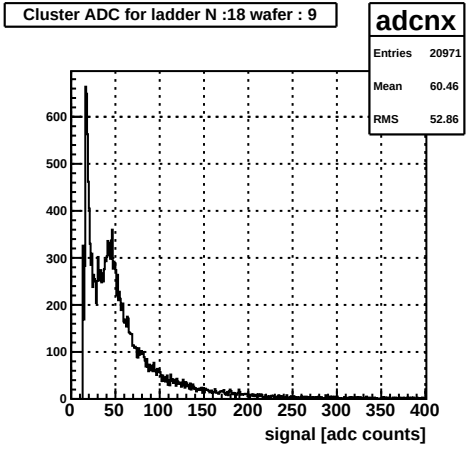

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 18847
Mean 54.52
RMS 52.43
signal [adc counts]

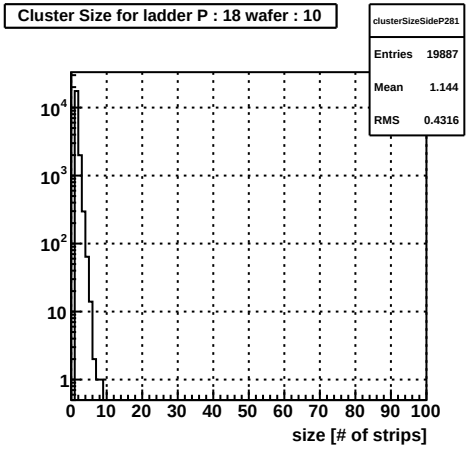

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 22065
Mean 1.17
RMS 0.4715
size [# of strips]

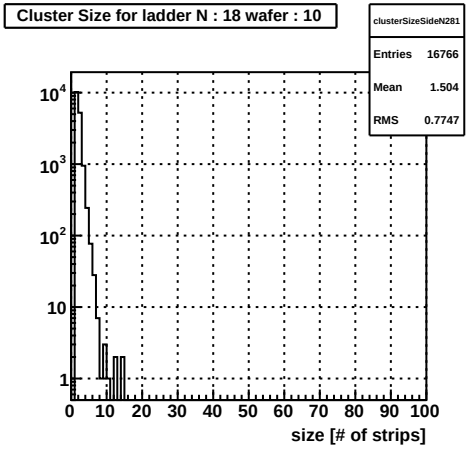

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 20971
Mean 1.669
RMS 1.226
size [# of strips]

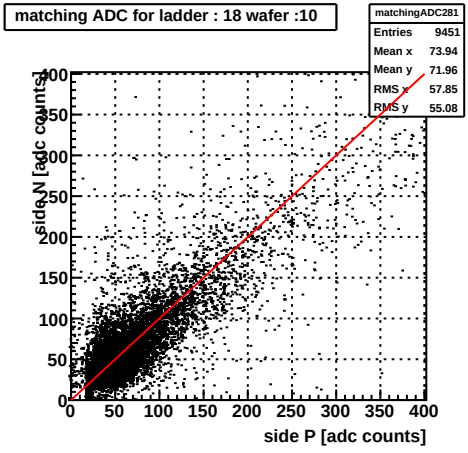

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 11427
Mean x 64.63
Mean y 67.41
RMS x 53.18
RMS y 53.26
side N [adc counts]
side P [adc counts]

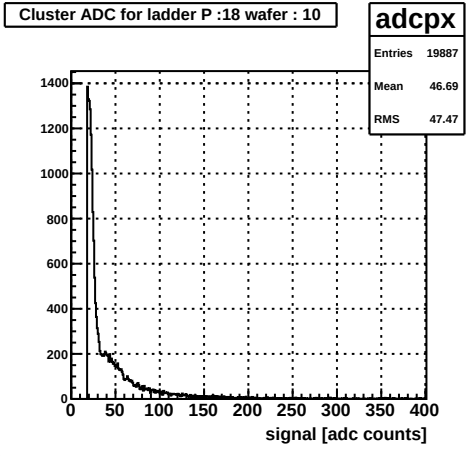

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 22065
Mean 49.03
RMS 46.74
signal [adc counts]

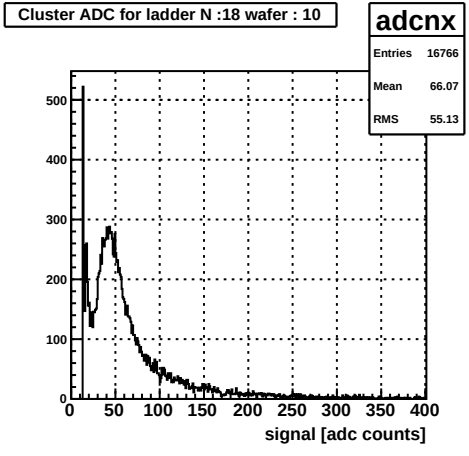

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 20971
Mean 60.46
RMS 52.86
signal [adc counts]

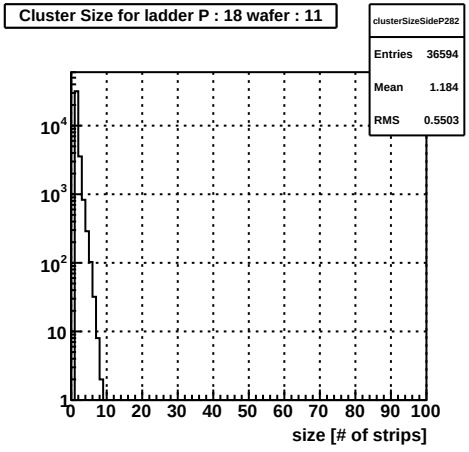

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 19887
Mean 1.144
RMS 0.4316
size [# of strips]

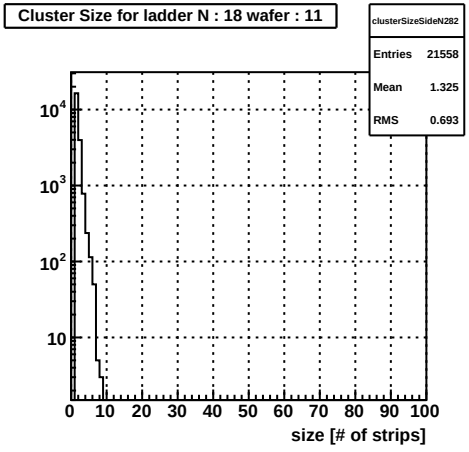

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 16766
Mean 1.504
RMS 0.7747
size [# of strips]

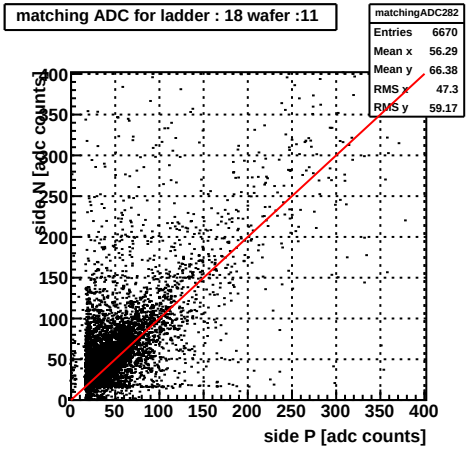

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 9451
Mean x 73.94
Mean y 71.96
RMS x 57.85
RMS y 55.08
side N [adc counts]
side P [adc counts]

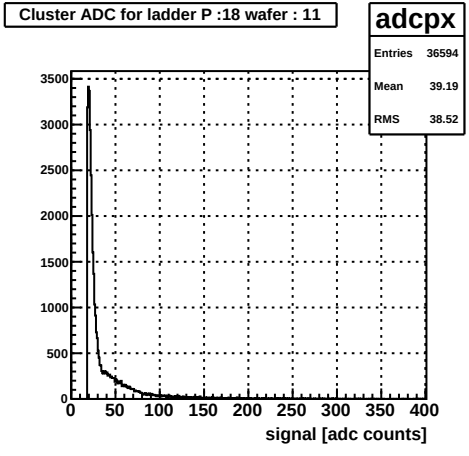

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 19887
Mean 46.69
RMS 47.47
signal [adc counts]

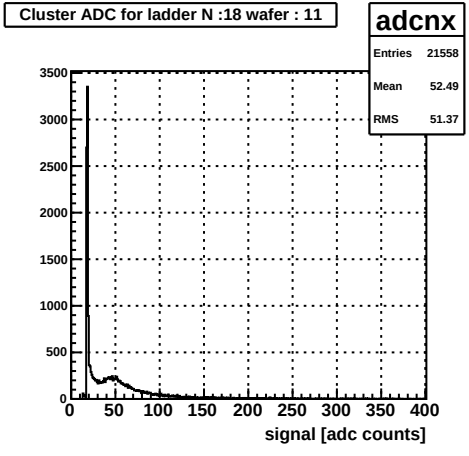

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 16766
Mean 66.07
RMS 55.13
signal [adc counts]

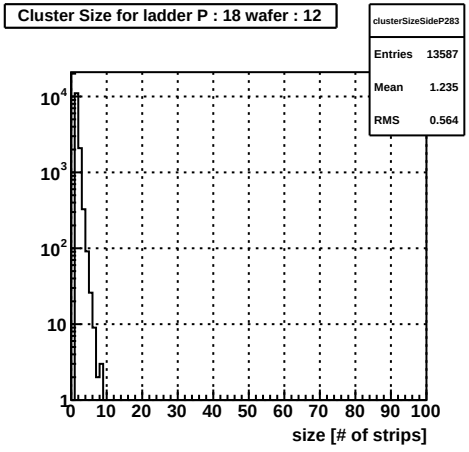

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 36594
Mean 1.184
RMS 0.5503
size [# of strips]

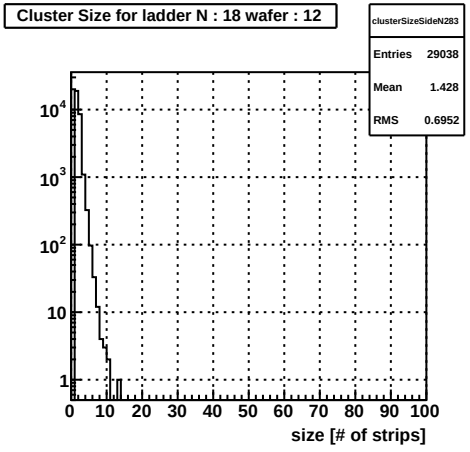

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 21558
Mean 1.325
RMS 0.693
size [# of strips]

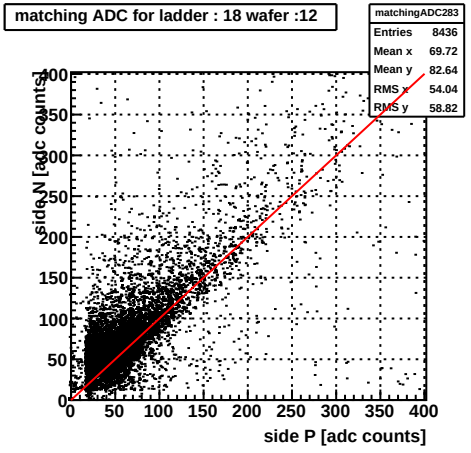

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 6670
Mean x 56.29
Mean y 66.38
RMS x 47.3
RMS y 59.17
side N [adc counts]
side P [adc counts]

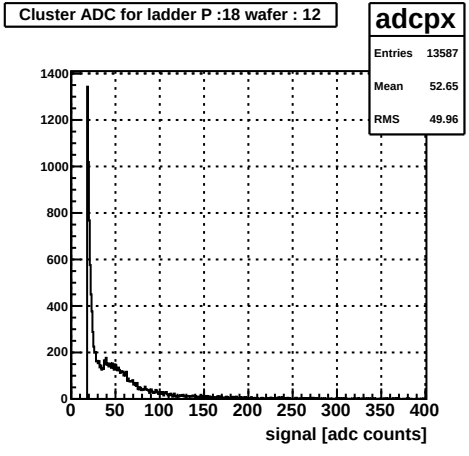

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 36594
Mean 39.19
RMS 38.52
signal [adc counts]

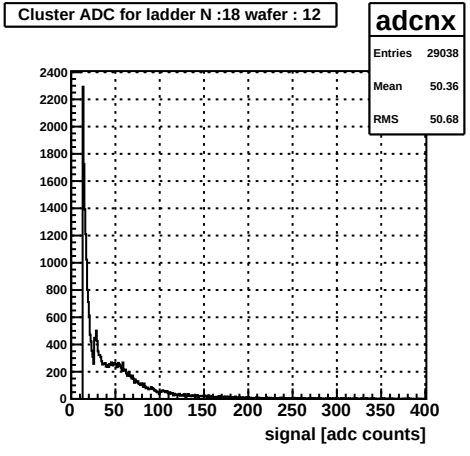

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 21558
Mean 52.49
RMS 51.37
signal [adc counts]

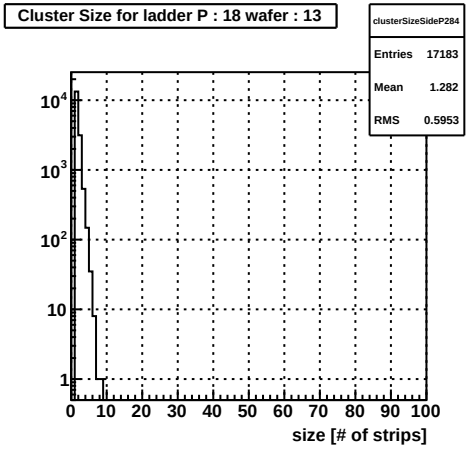

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 13587
Mean 1.235
RMS 0.564
size [# of strips]

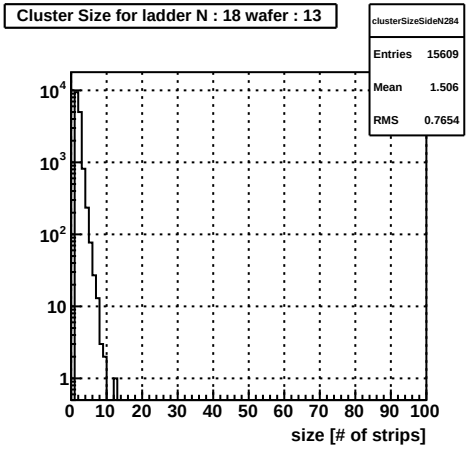

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 29038
Mean 1.428
RMS 0.6952
size [# of strips]

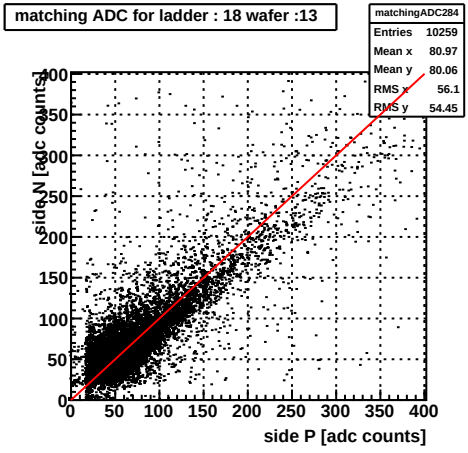

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 8436
Mean x 69.72
Mean y 82.64
RMS x 54.04
RMS y 58.82
side N [adc counts]
side P [adc counts]

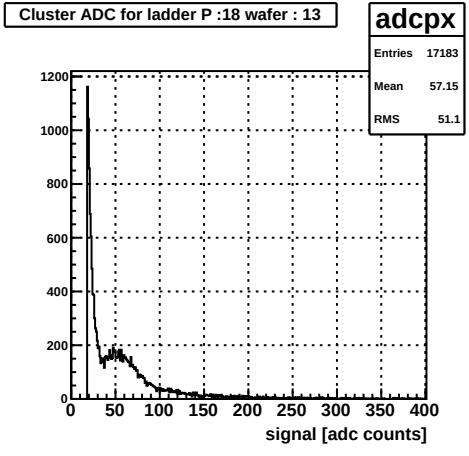

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 13587
Mean 52.65
RMS 49.96
signal [adc counts]

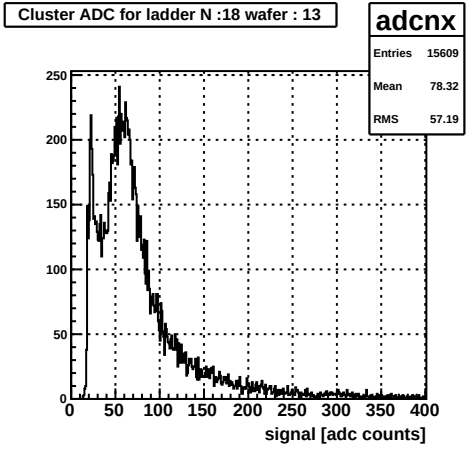

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 29038
Mean 50.36
RMS 50.68
signal [adc counts]

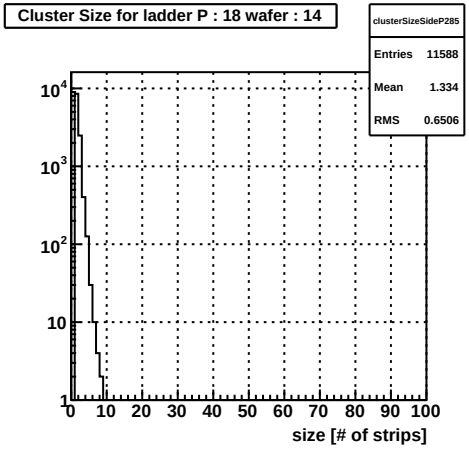

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 17183
Mean 1.282
RMS 0.5953
size [# of strips]

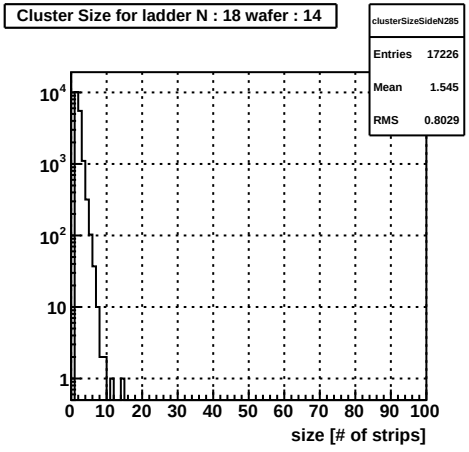

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 15609
Mean 1.506
RMS 0.7654
size [# of strips]

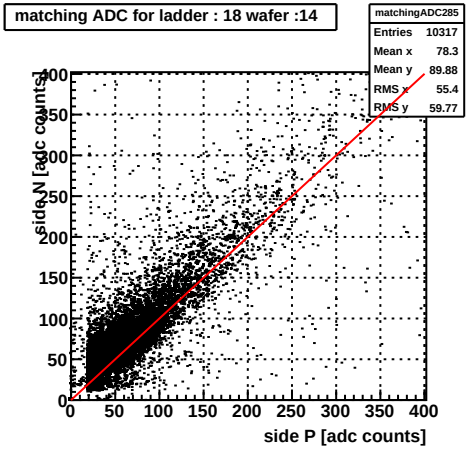

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 10259
Mean x 80.97
Mean y 80.06
RMS x 56.1
RMS y 54.45
side N [adc counts]
side P [adc counts]

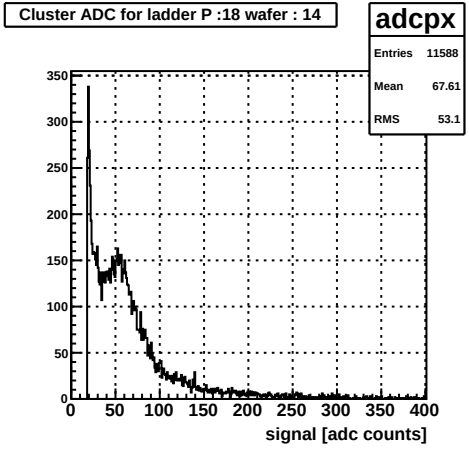

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 17183
Mean 57.15
RMS 51.1
signal [adc counts]

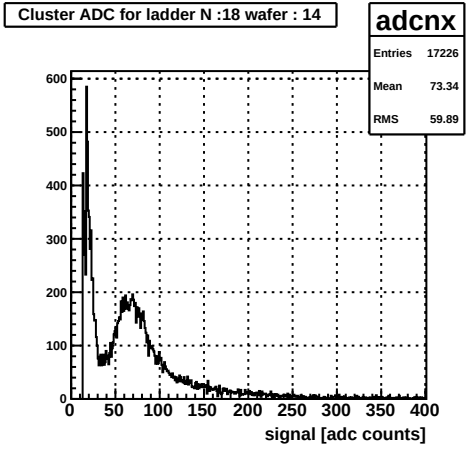

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 15609
Mean 78.32
RMS 57.19
signal [adc counts]

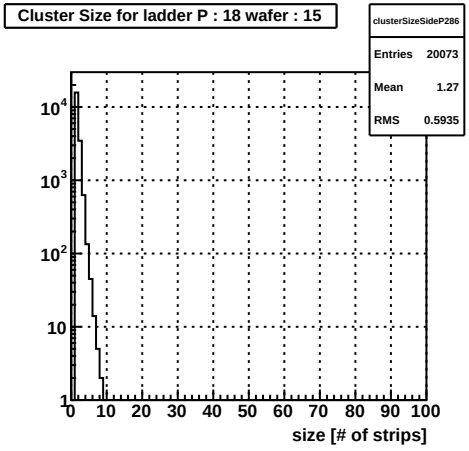

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 11588
Mean 1.334
RMS 0.6506
size [# of strips]

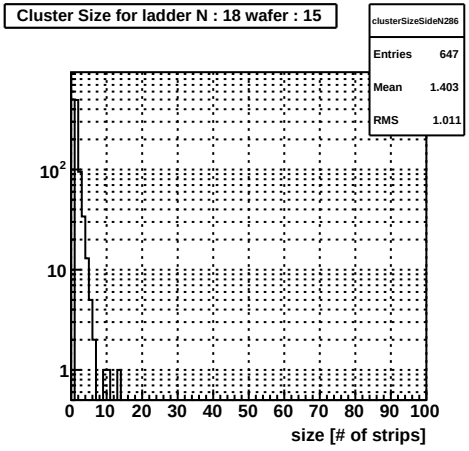

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 17226
Mean 1.545
RMS 0.8029
size [# of strips]

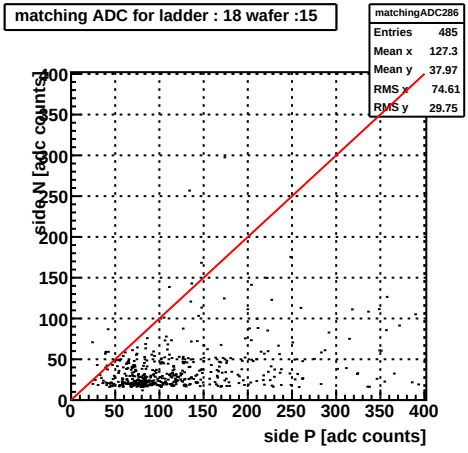

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 10317
Mean x 78.3
Mean y 89.88
RMS x 55.4
RMS y 59.77
side N [adc counts]
side P [adc counts]

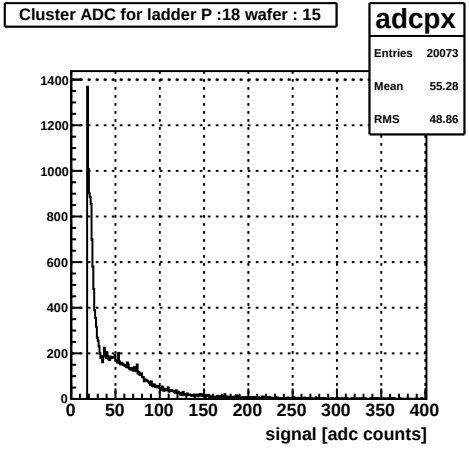

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 11588
Mean 67.61
RMS 53.1
signal [adc counts]

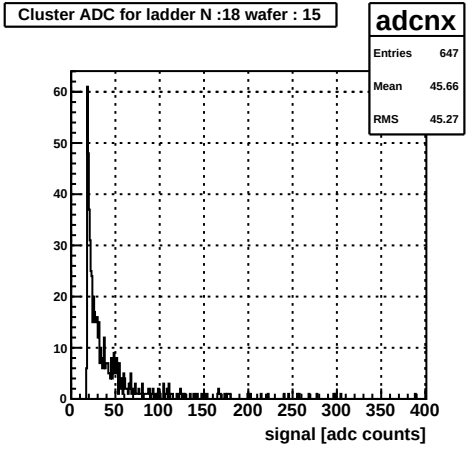

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 17226
Mean 73.34
RMS 59.89
signal [adc counts]

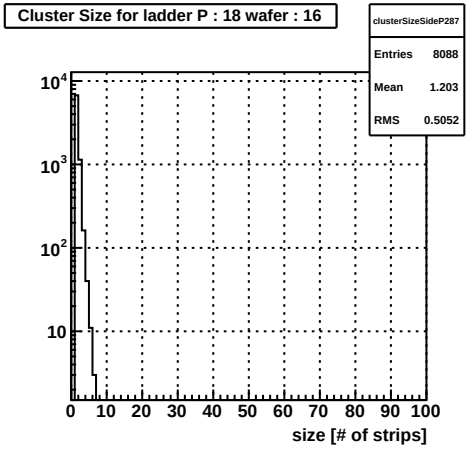

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 20073
Mean 1.27
RMS 0.5935
size [# of strips]

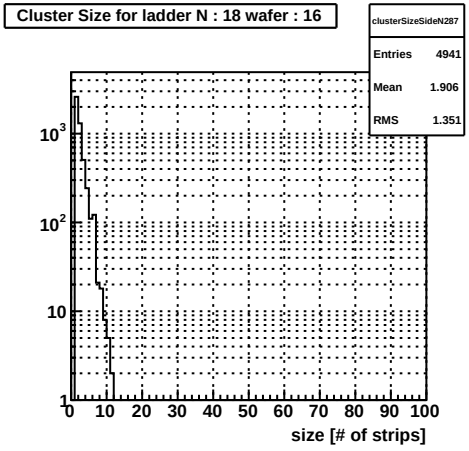

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 647
Mean 1.403
RMS 1.011
size [# of strips]

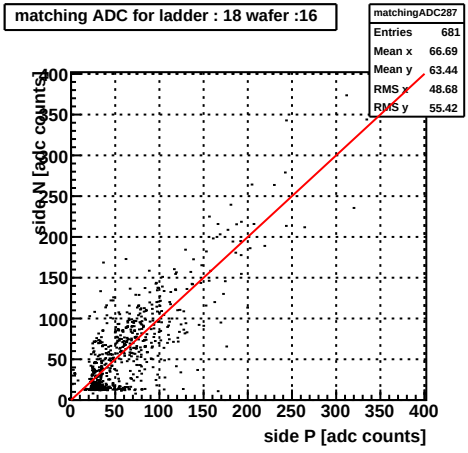

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 485
Mean x 127.3
Mean y 37.97
RMS x 74.61
RMS y 29.75
side N [adc counts]
side P [adc counts]

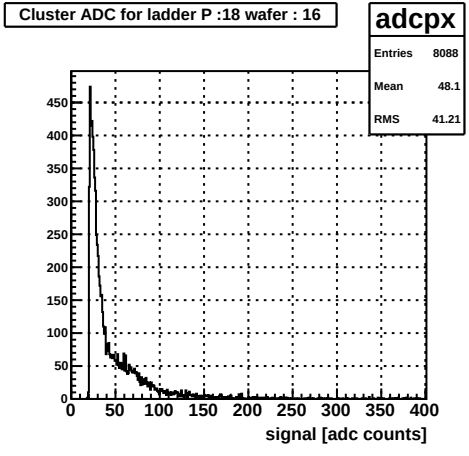

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 20073
Mean 55.28
RMS 48.86
signal [adc counts]

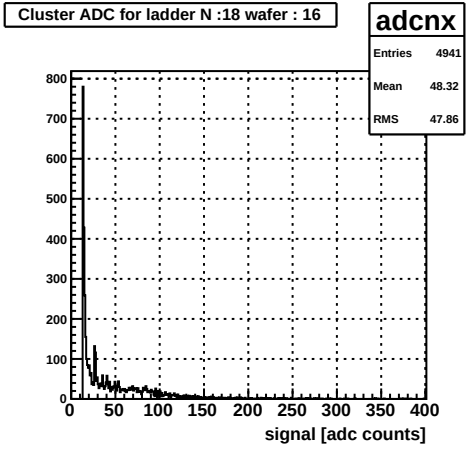

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 647
Mean 45.66
RMS 45.27
signal [adc counts]

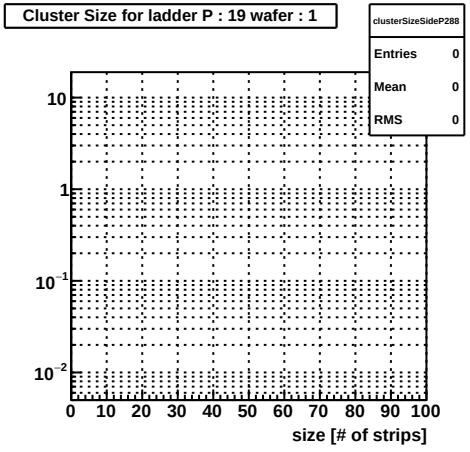

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 8088
Mean 1.203
RMS 0.5052
size [# of strips]

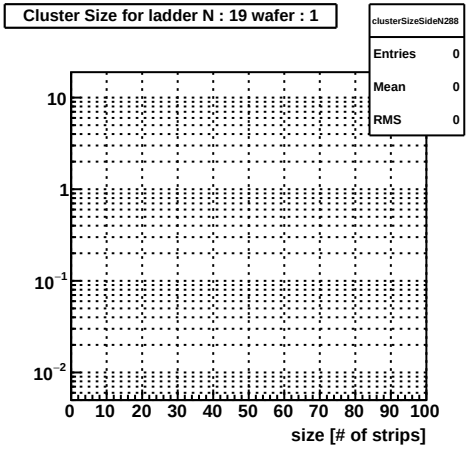

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 4941
Mean 1.906
RMS 1.351
size [# of strips]

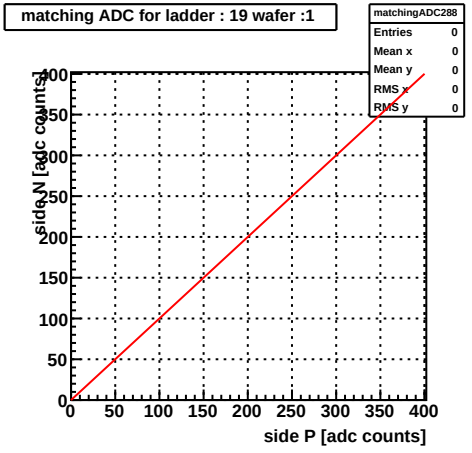

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 681
Mean x 66.69
Mean y 63.44
RMS x 48.68
RMS y 55.42
side N [adc counts]
side P [adc counts]

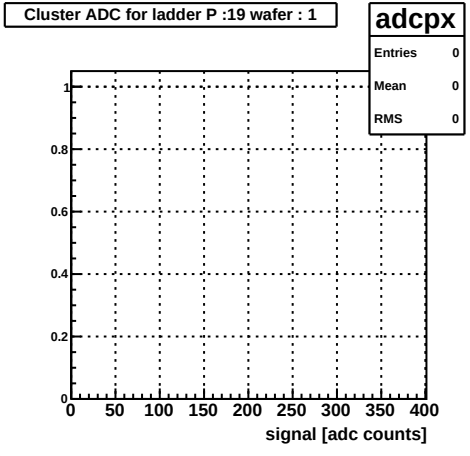

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 8088
Mean 48.1
RMS 41.21
signal [adc counts]

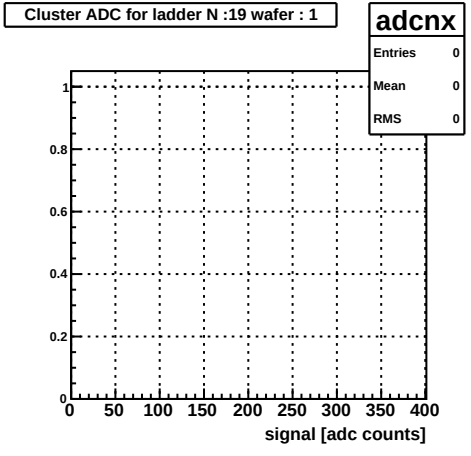

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 4941
Mean 48.32
RMS 47.86
signal [adc counts]

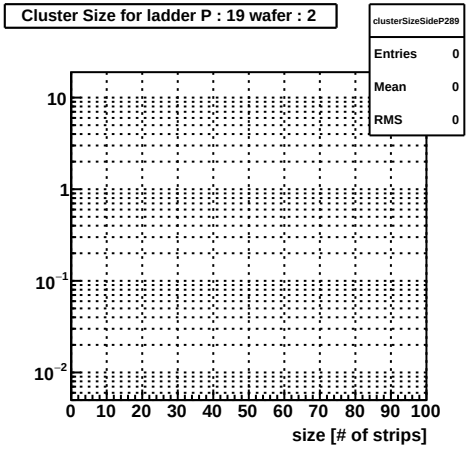

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

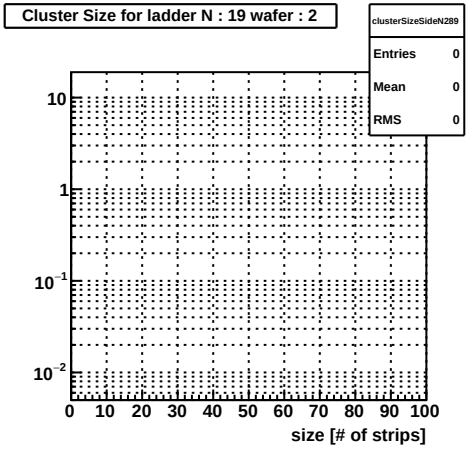

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

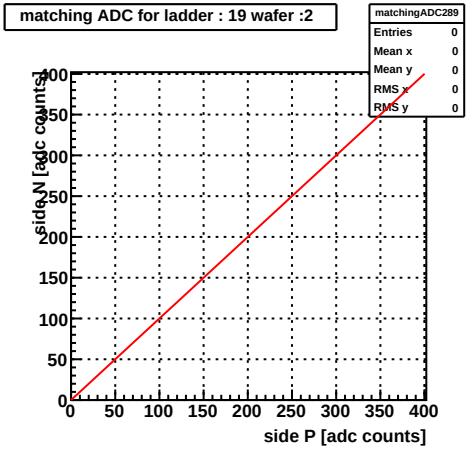

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

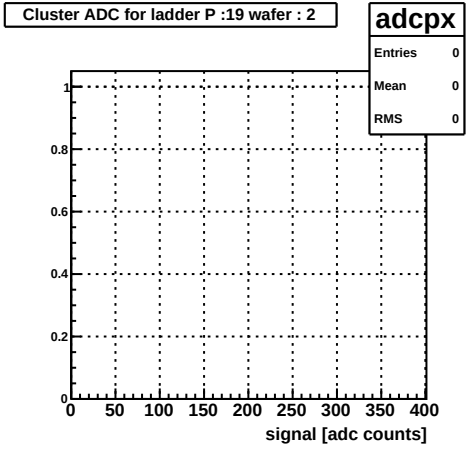

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

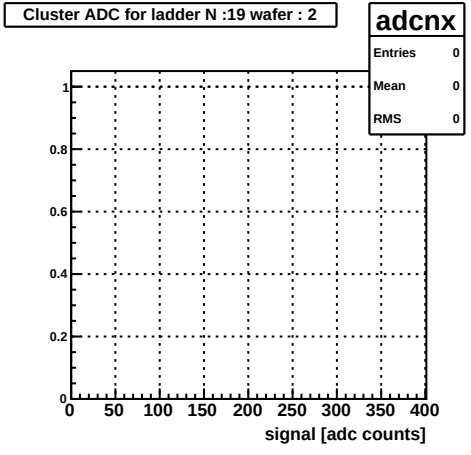

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

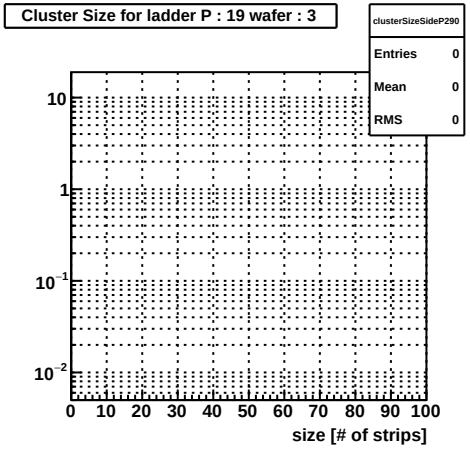

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

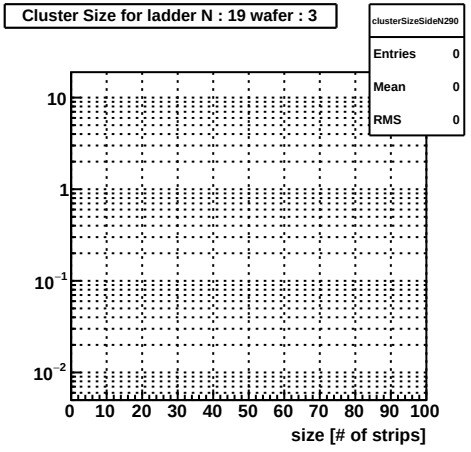

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

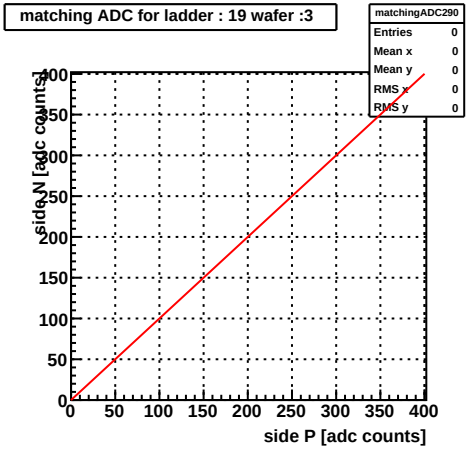

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

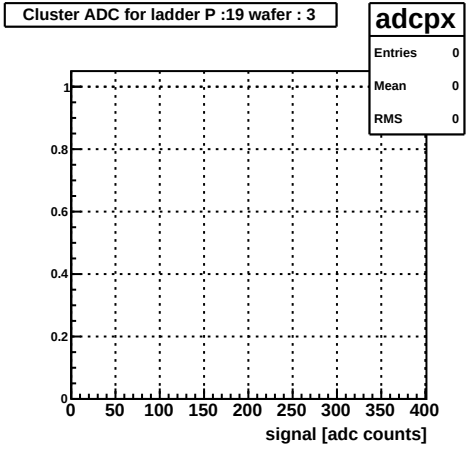

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

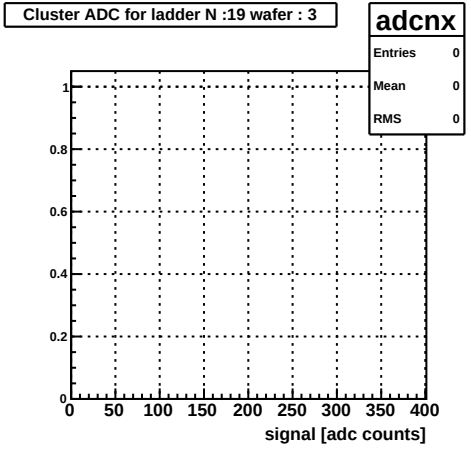

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

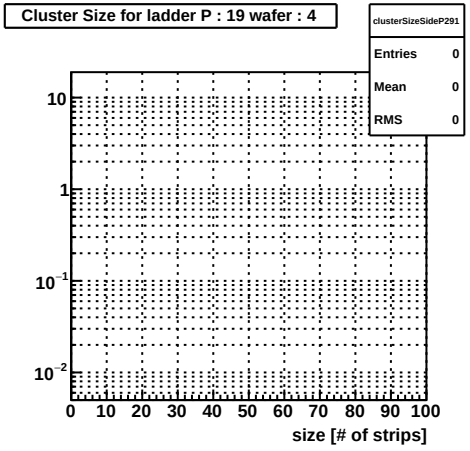

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

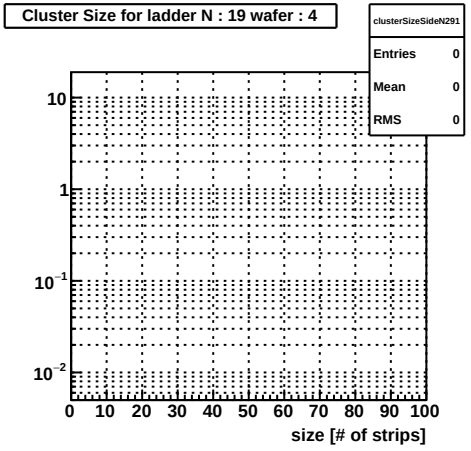

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

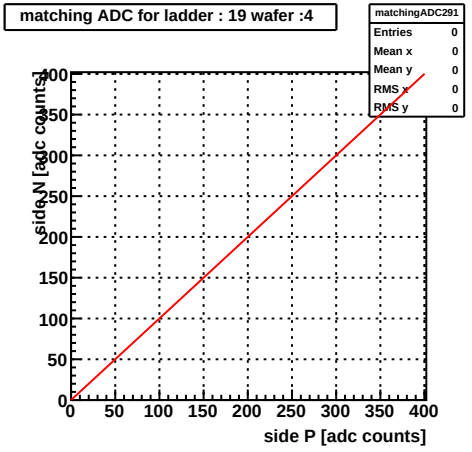

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

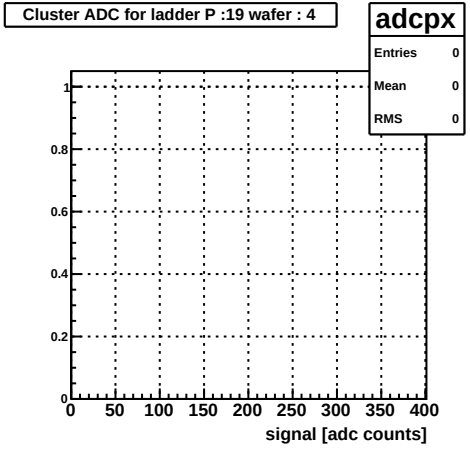

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

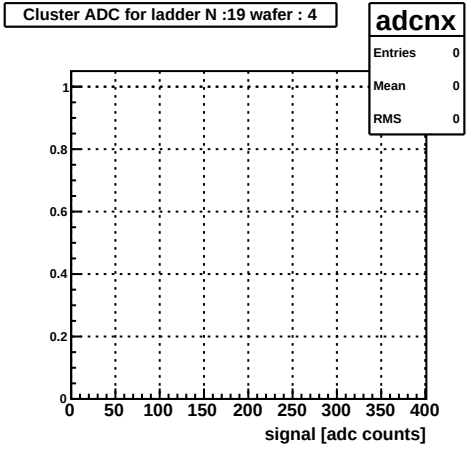

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

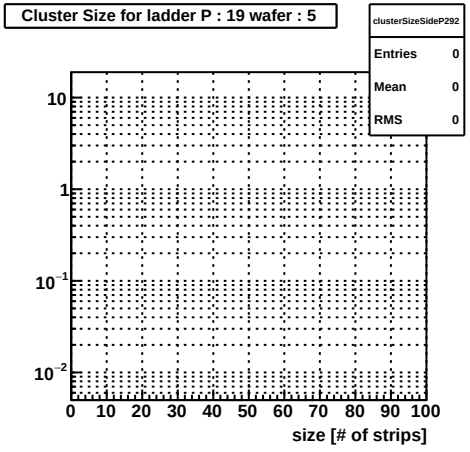

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

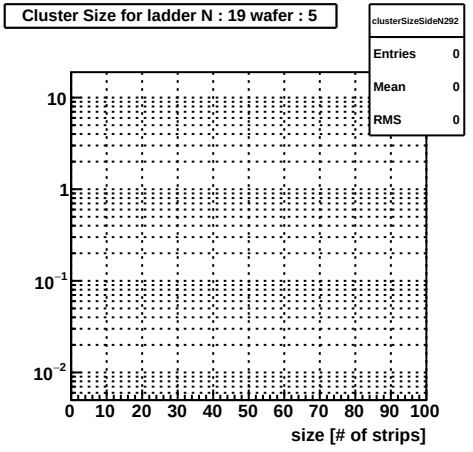

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

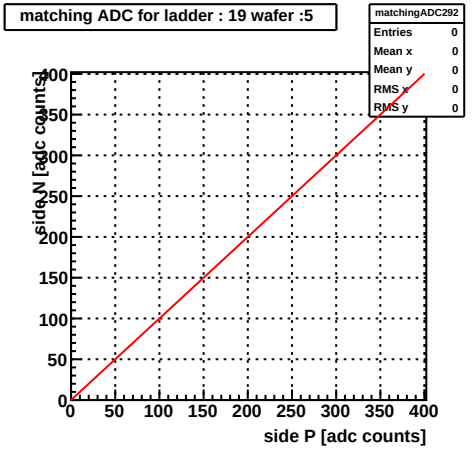

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

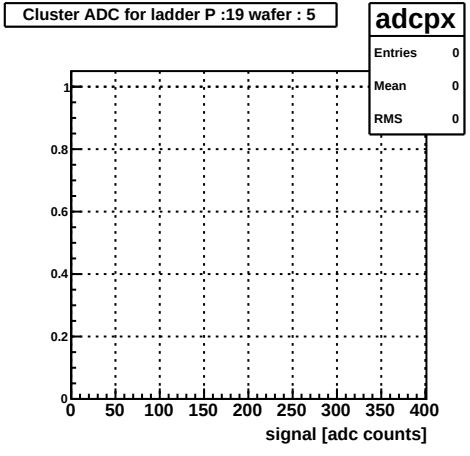

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

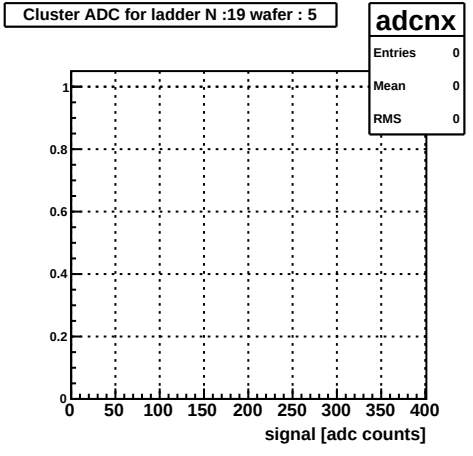

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

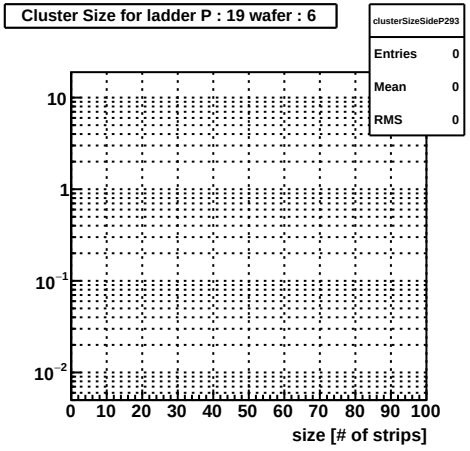

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

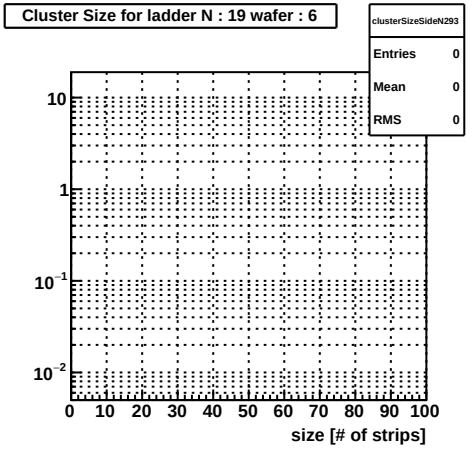

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

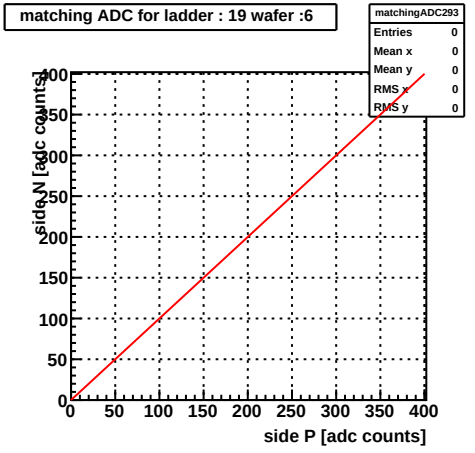

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

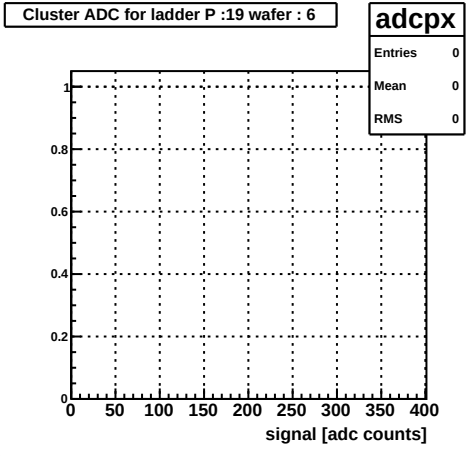

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

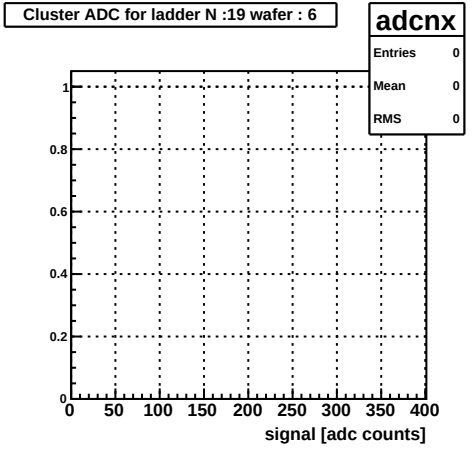

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

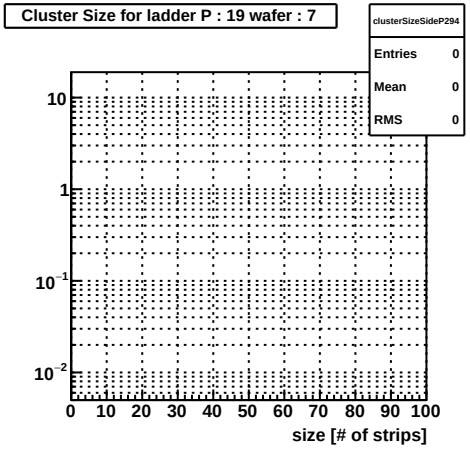

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

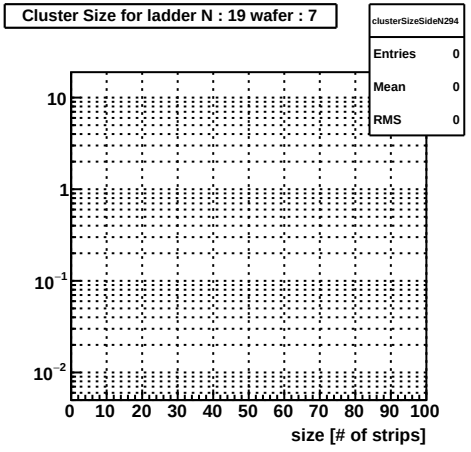

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

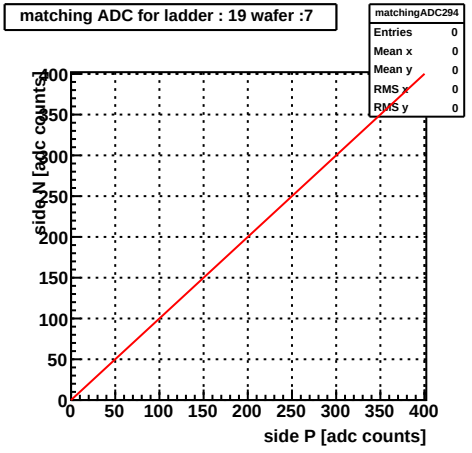

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

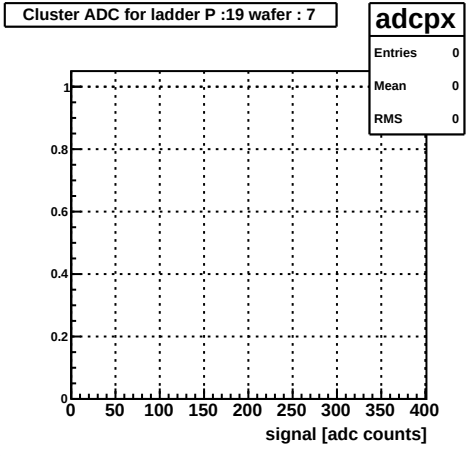

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

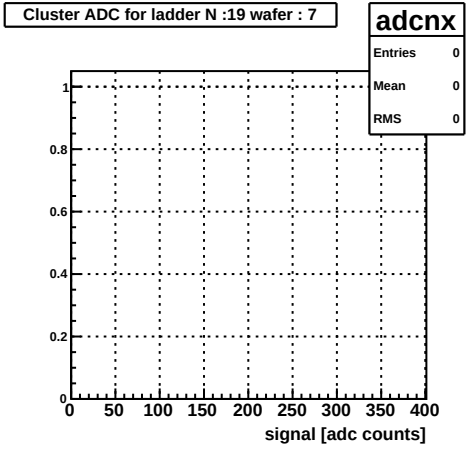

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

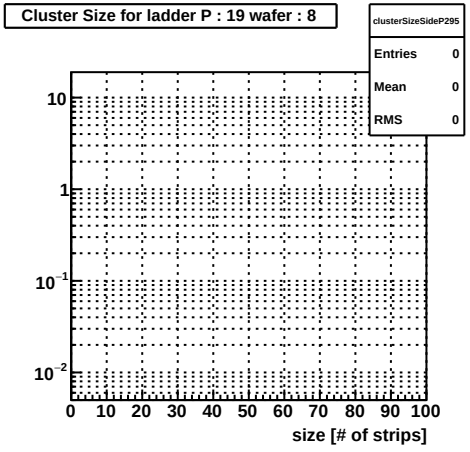

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

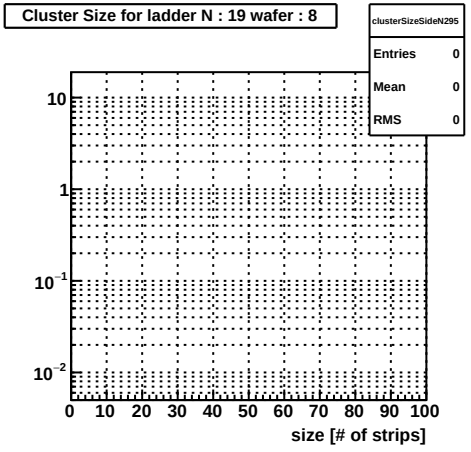

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

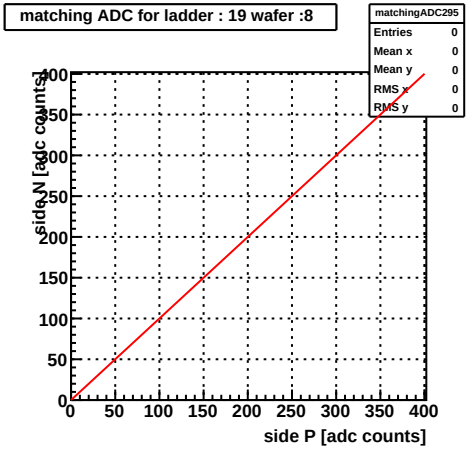

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

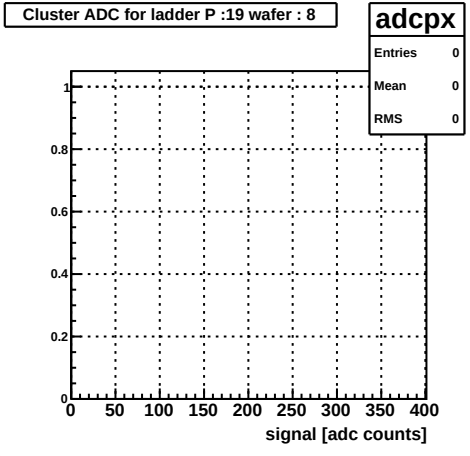

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

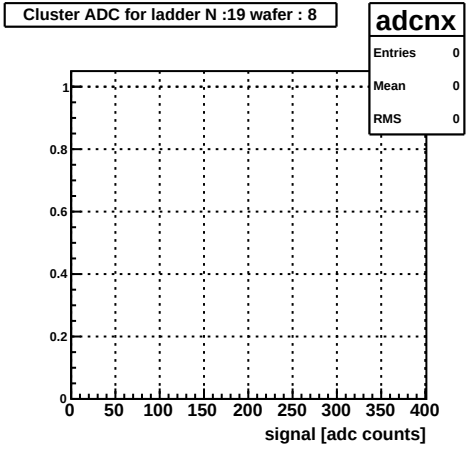

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

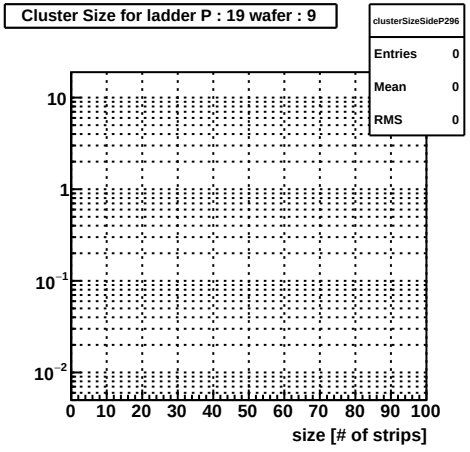

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

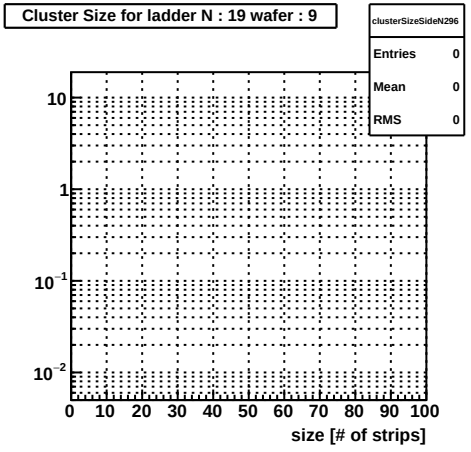

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

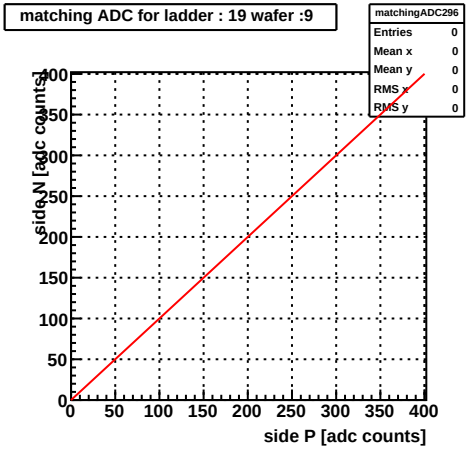

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

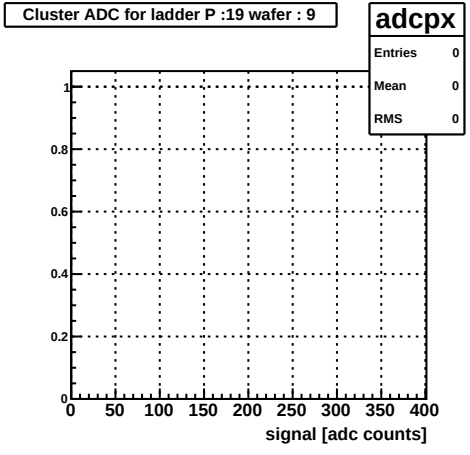

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

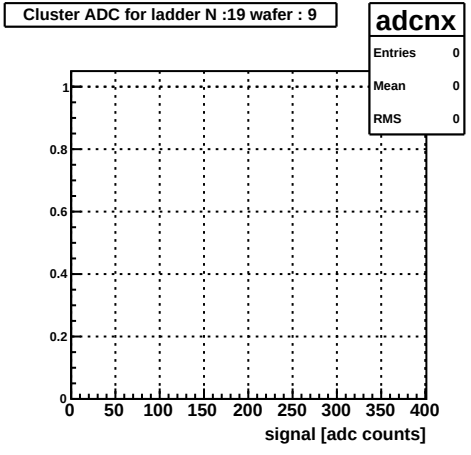

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

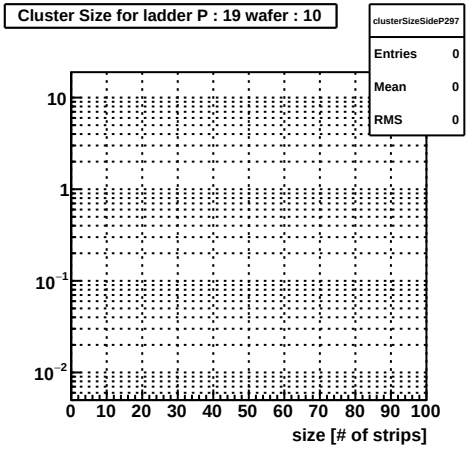

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

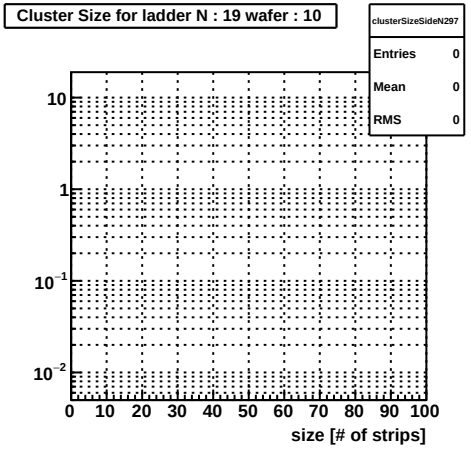

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

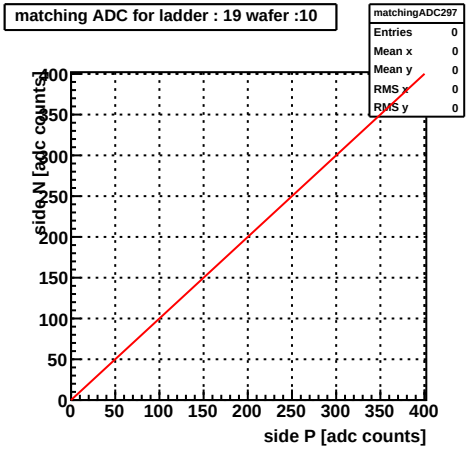

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

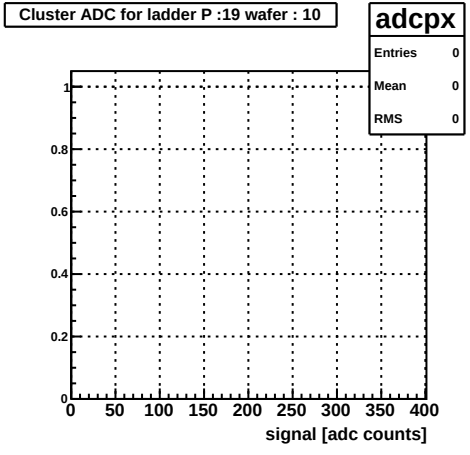

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

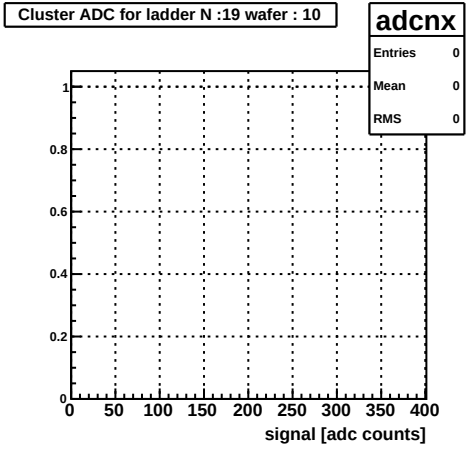

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

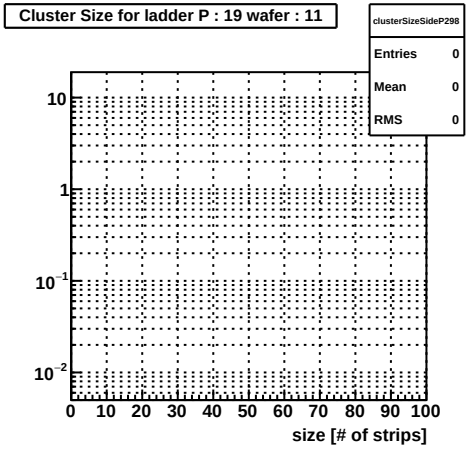

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

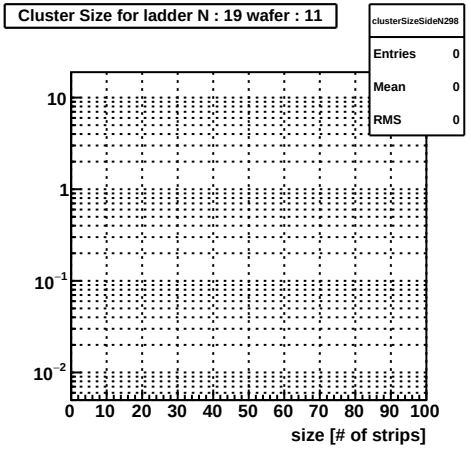

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

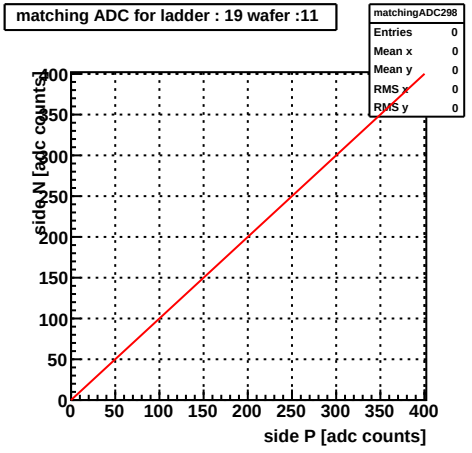

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

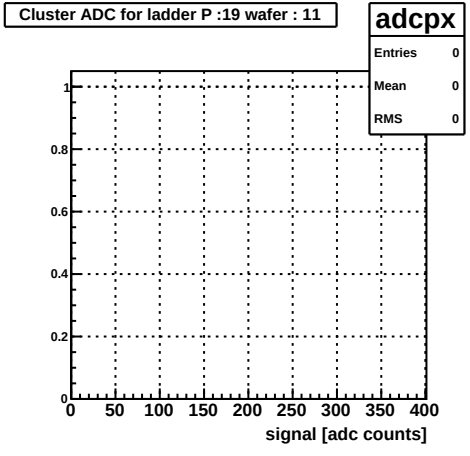

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

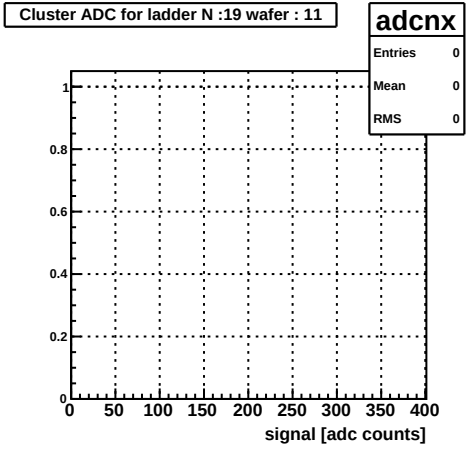

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

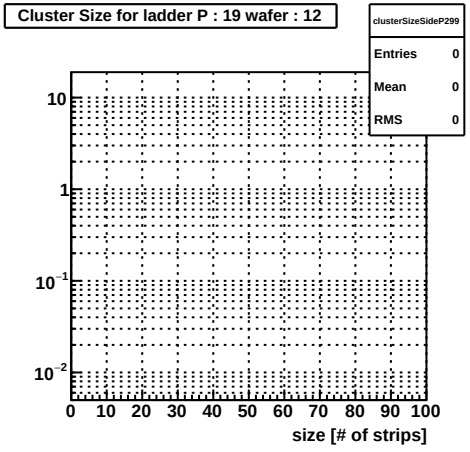

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

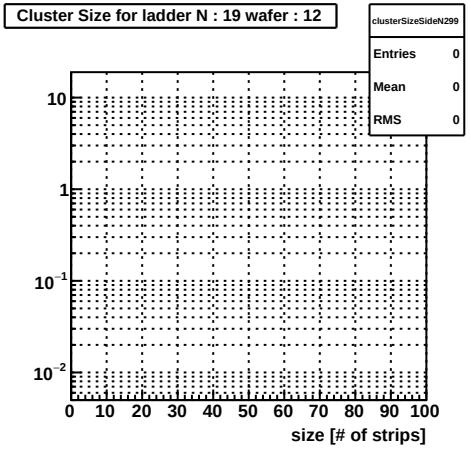

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

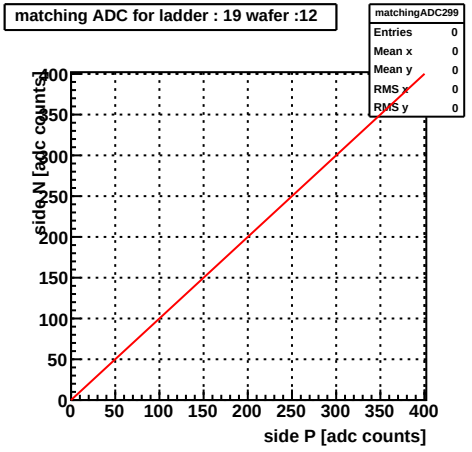

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

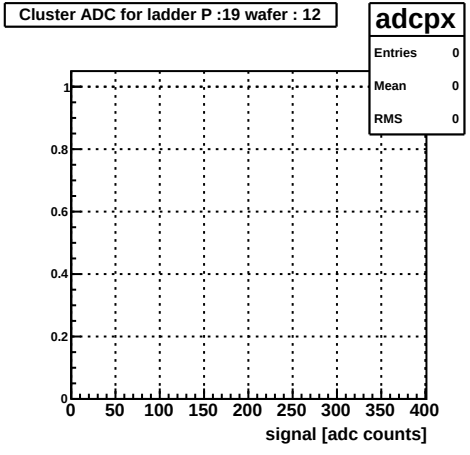

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

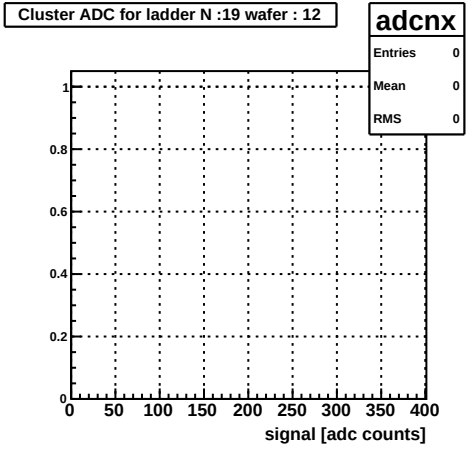

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

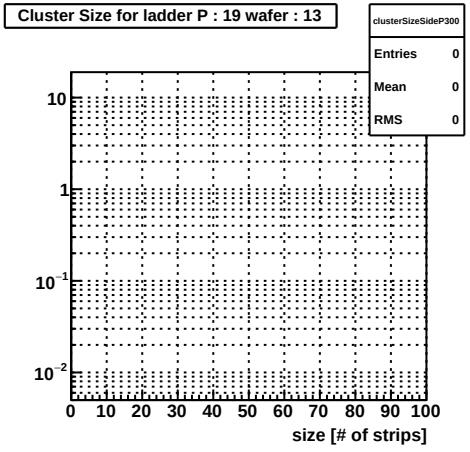

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

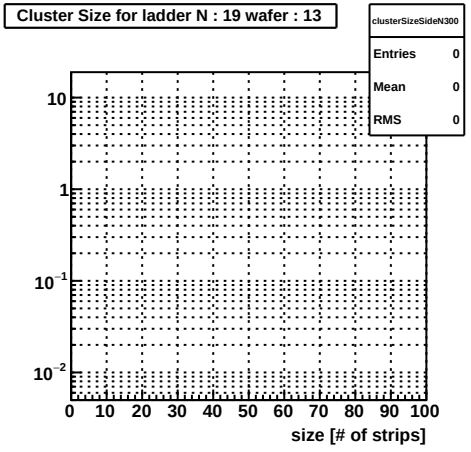

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

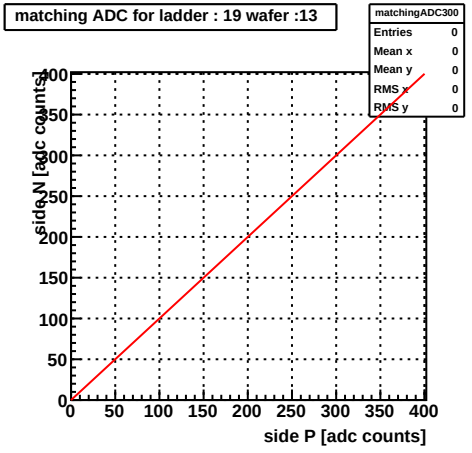

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

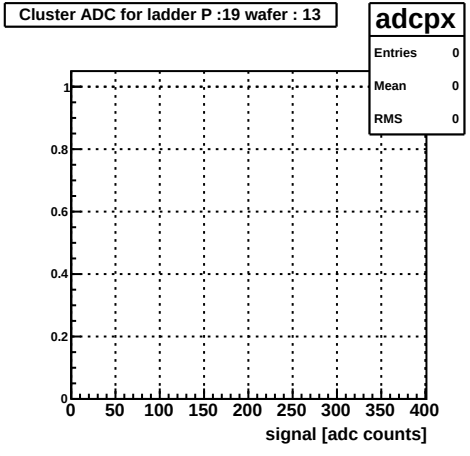

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

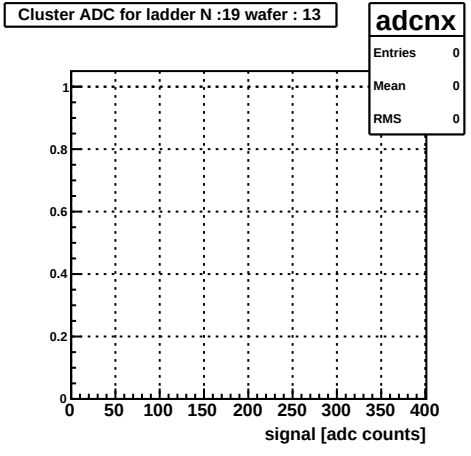

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

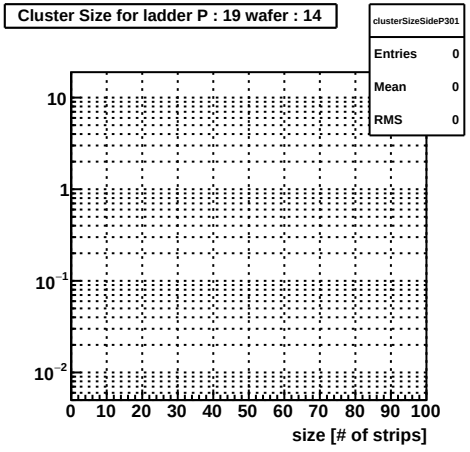

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

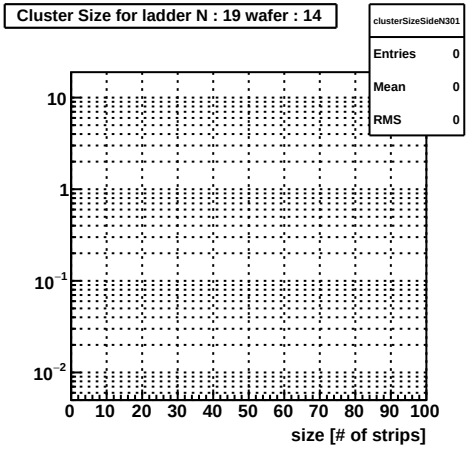

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

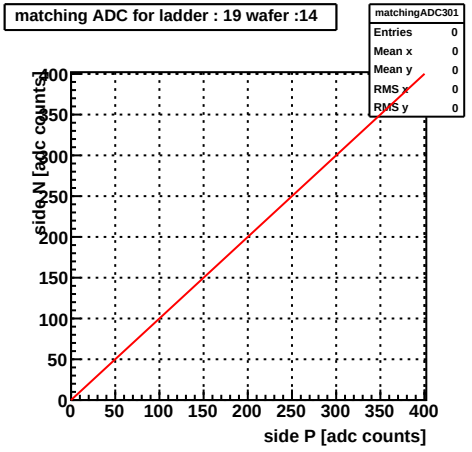

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

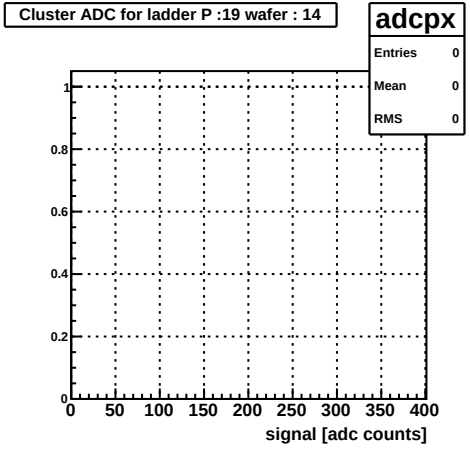

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

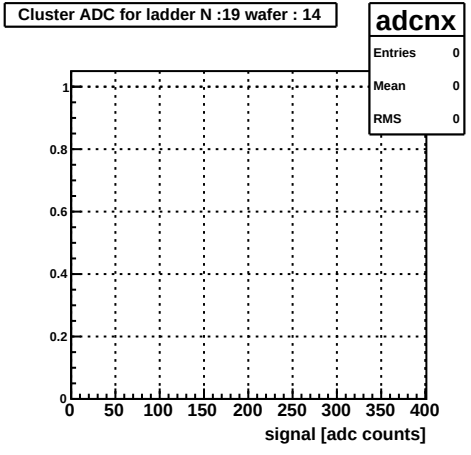

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

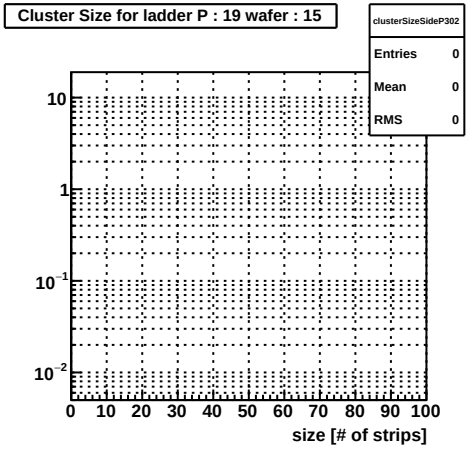

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

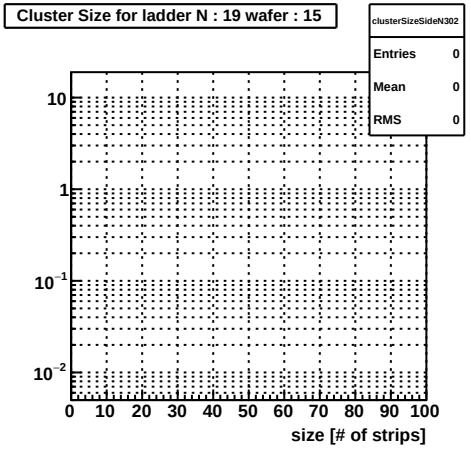

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

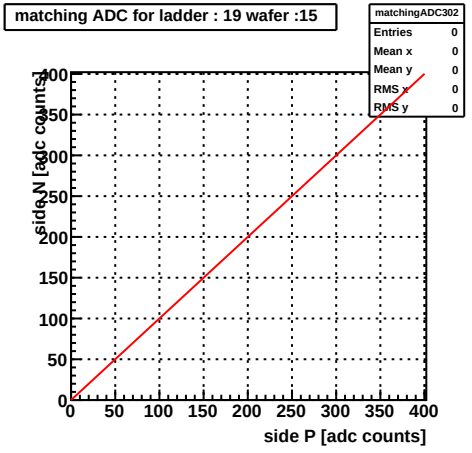

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

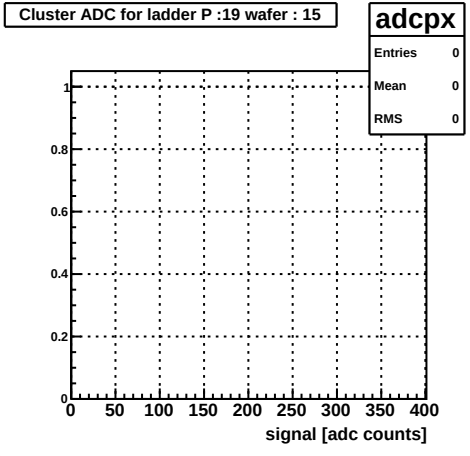

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

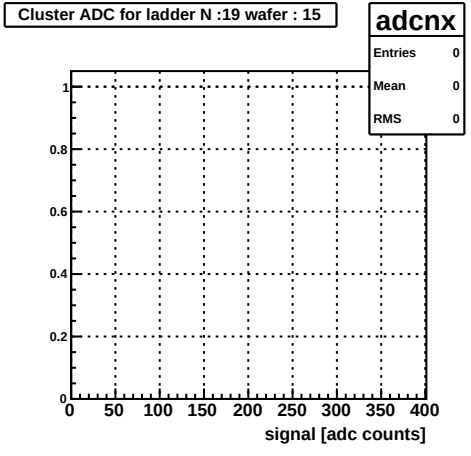

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

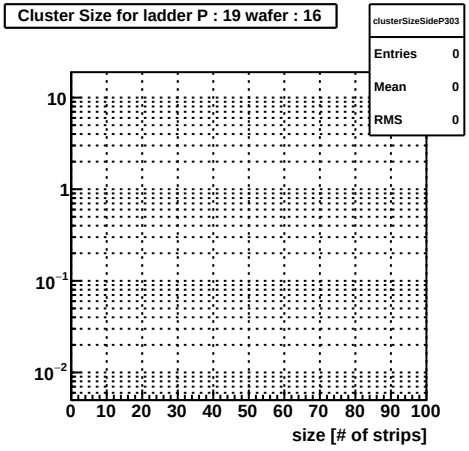

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

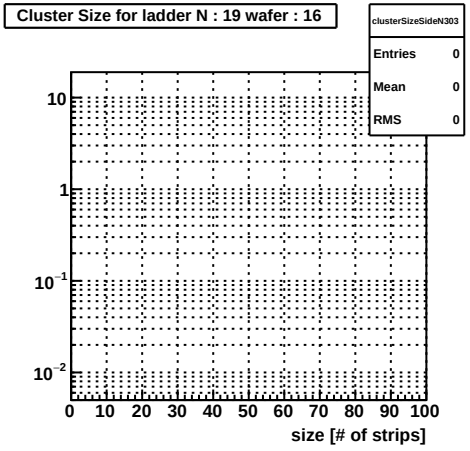

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

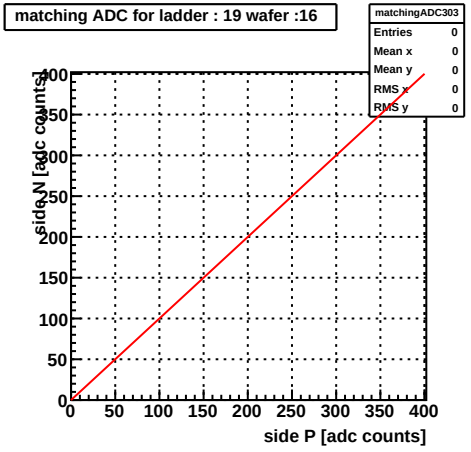

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

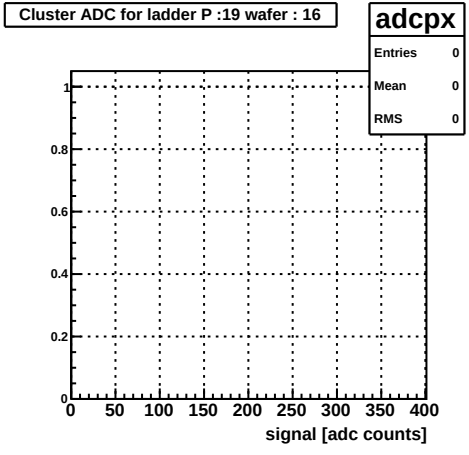

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

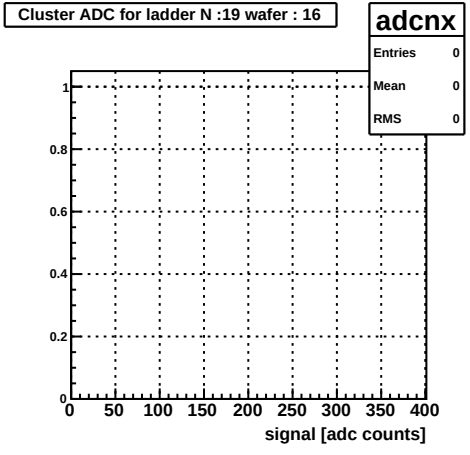

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

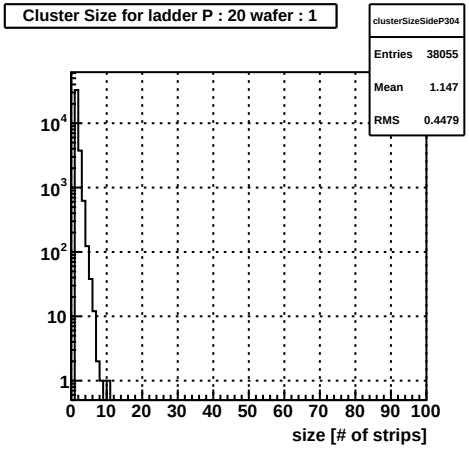

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

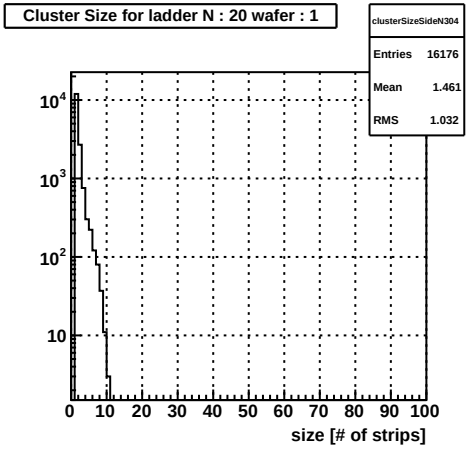

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

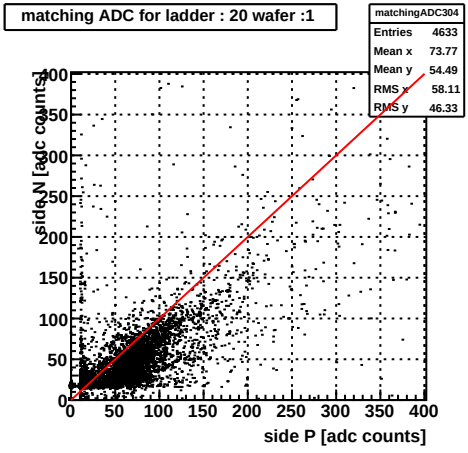

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

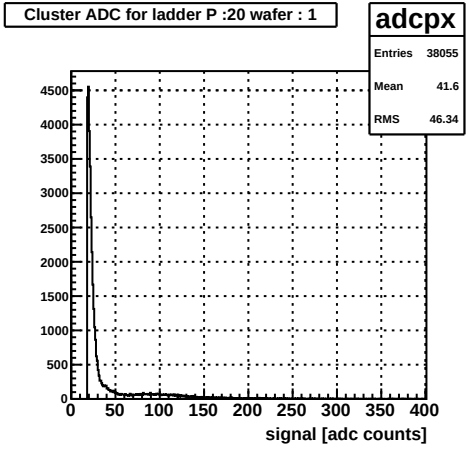

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

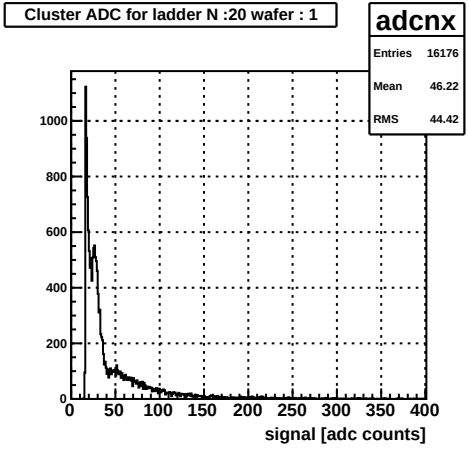

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

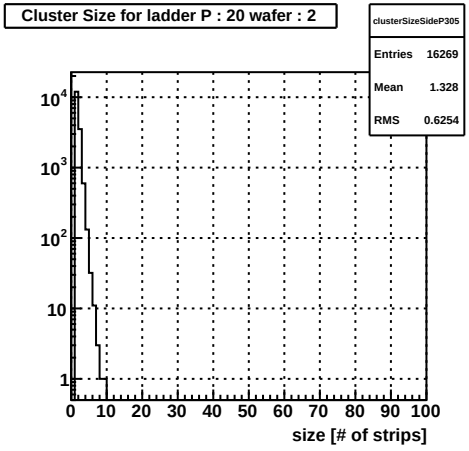

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 38055
Mean 1.147
RMS 0.4479
size [# of strips]

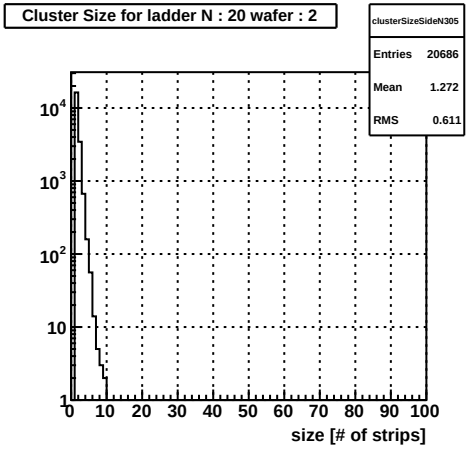

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 16176
Mean 1.461
RMS 1.032
size [# of strips]

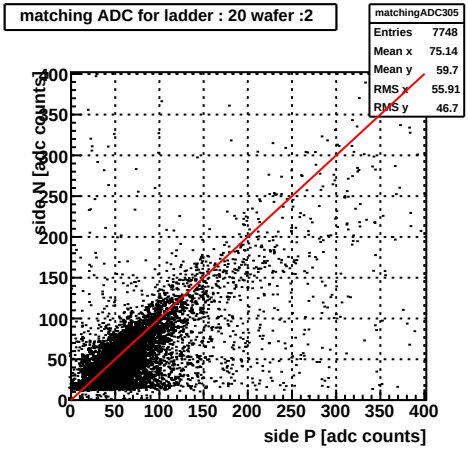

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 4633
Mean x 73.77
Mean y 54.49
RMS x 58.11
RMS y 46.33
side N [adc counts]
side P [adc counts]

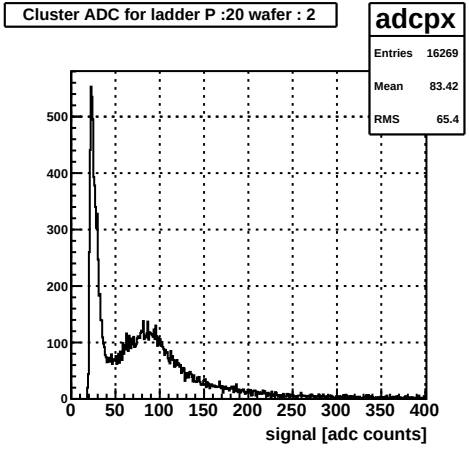

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 38055
Mean 41.6
RMS 46.34
signal [adc counts]

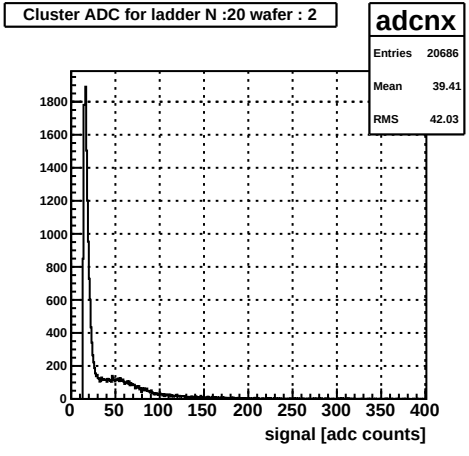

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 16176
Mean 46.22
RMS 44.42
signal [adc counts]

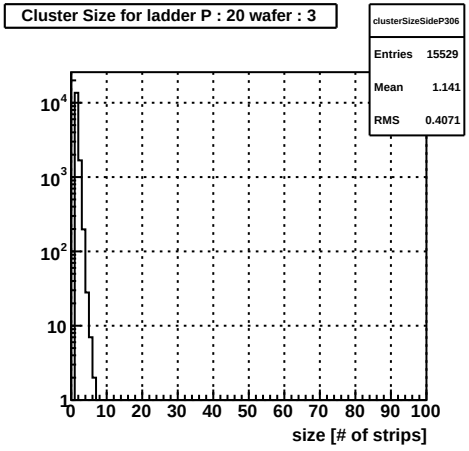

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 16269
Mean 1.328
RMS 0.6254
size [# of strips]

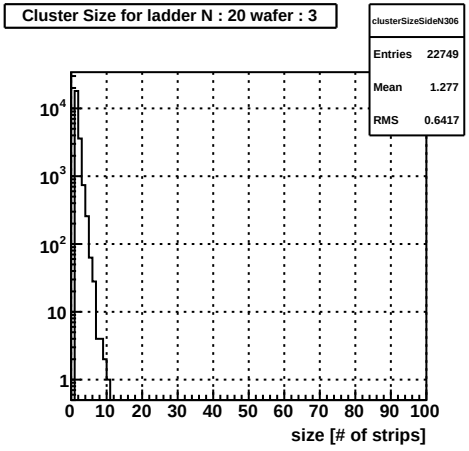

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 20686
Mean 1.272
RMS 0.611
size [# of strips]

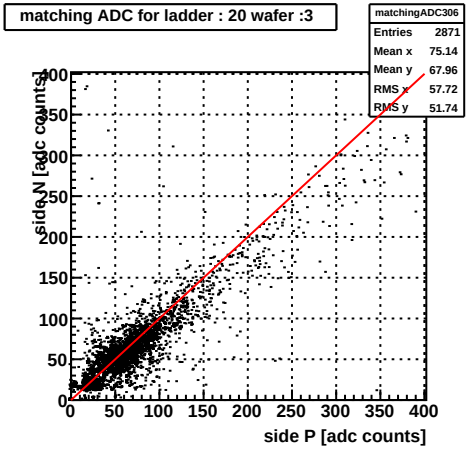

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 7748
Mean x 75.14
Mean y 59.7
RMS x 55.91
RMS y 46.7
side N [adc counts]
side P [adc counts]

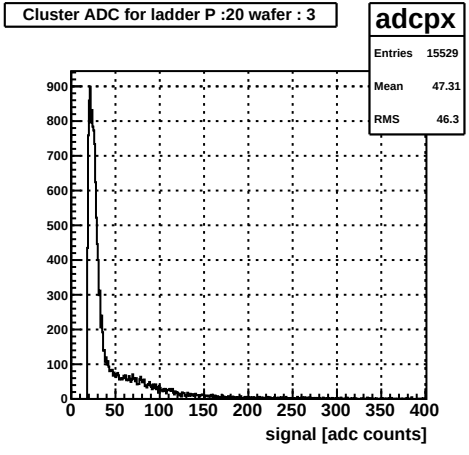

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 16269
Mean 83.42
RMS 65.4
signal [adc counts]

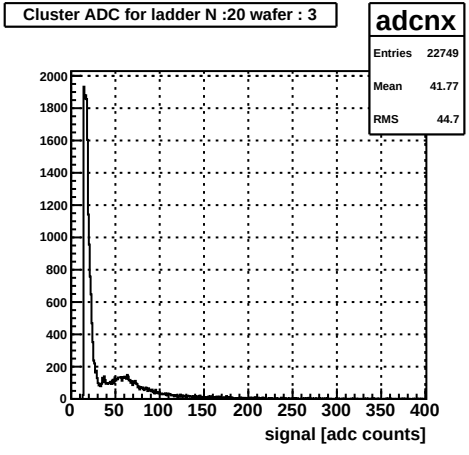

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 20686
Mean 39.41
RMS 42.03
signal [adc counts]

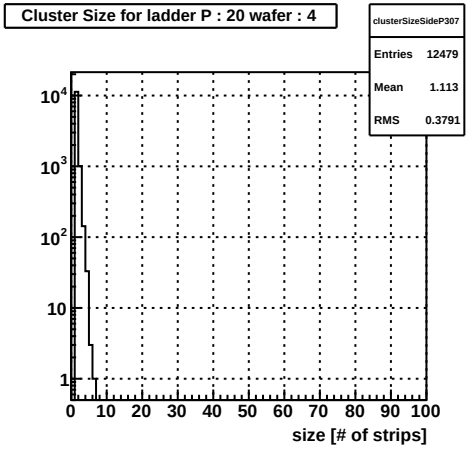

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 15529
Mean 1.141
RMS 0.4071
size [# of strips]

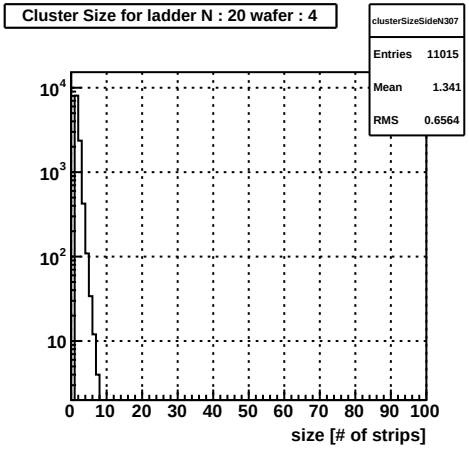

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 22749
Mean 1.277
RMS 0.6417
size [# of strips]

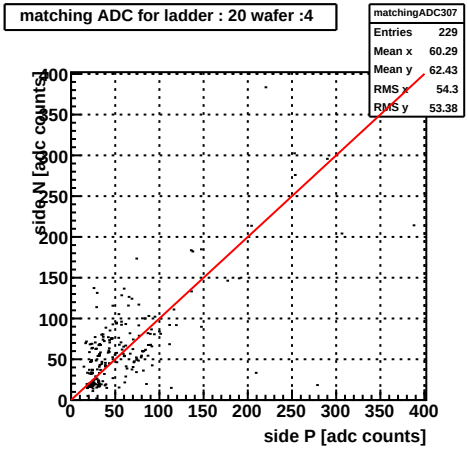

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 2871
Mean x 75.14
Mean y 67.96
RMS x 57.72
RMS y 51.74
side N [adc counts]
side P [adc counts]

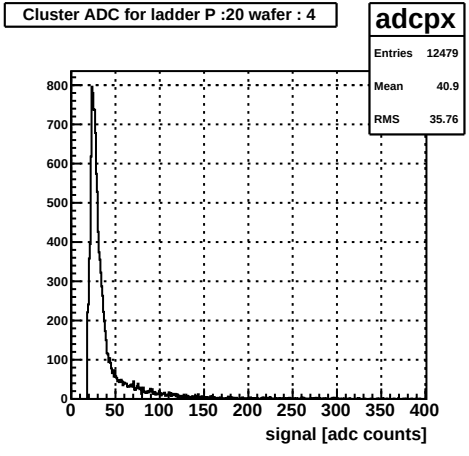

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 15529
Mean 47.31
RMS 46.3
signal [adc counts]

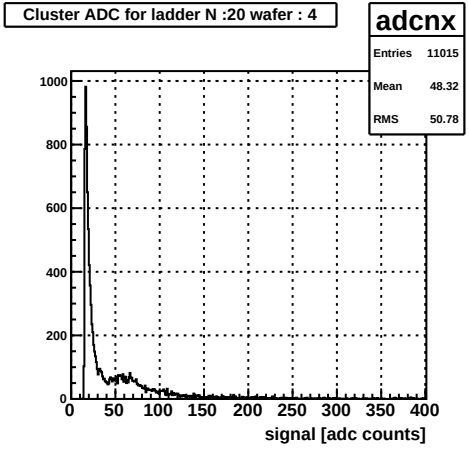

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 22749
Mean 41.77
RMS 44.7
signal [adc counts]

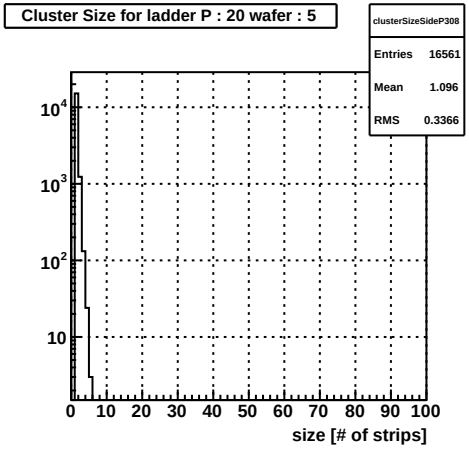

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 12479
Mean 1.113
RMS 0.3791
size [# of strips]

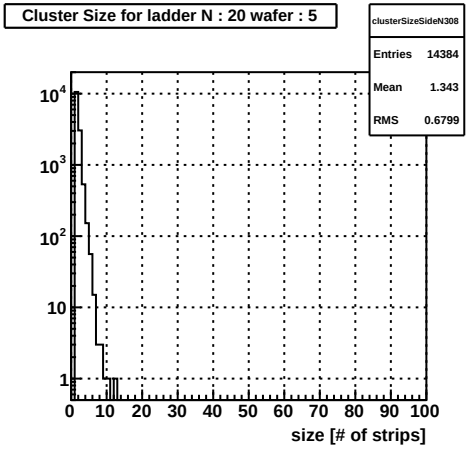

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 11015
Mean 1.341
RMS 0.6564
size [# of strips]

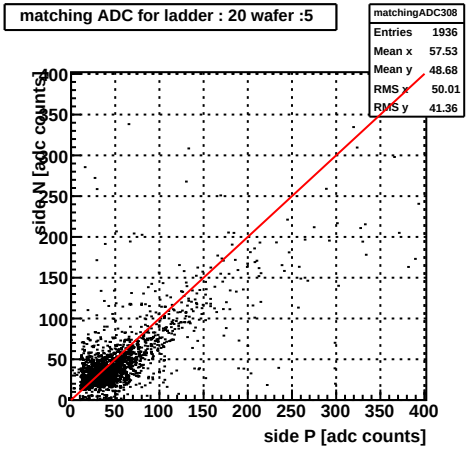

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 229
Mean x 60.29
Mean y 62.43
RMS x 54.3
RMS y 53.38
side N [adc counts]
side P [adc counts]

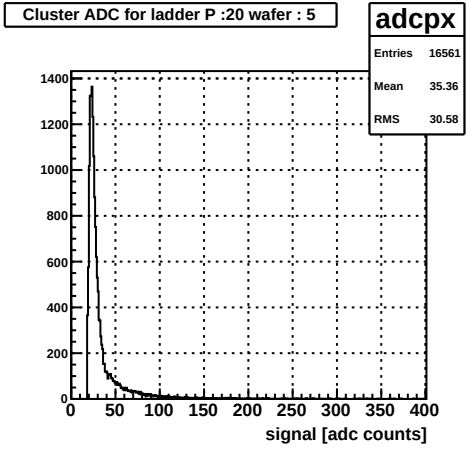

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 12479
Mean 40.9
RMS 35.76
signal [adc counts]

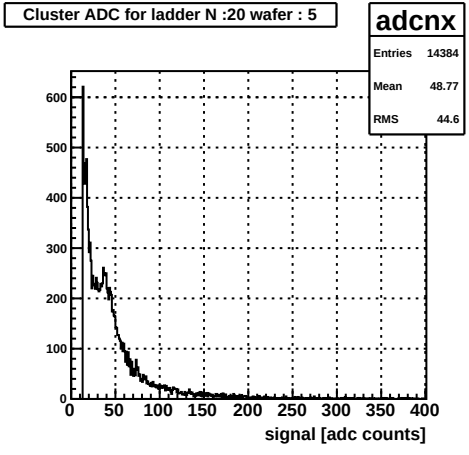

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 11015
Mean 48.32
RMS 50.78
signal [adc counts]

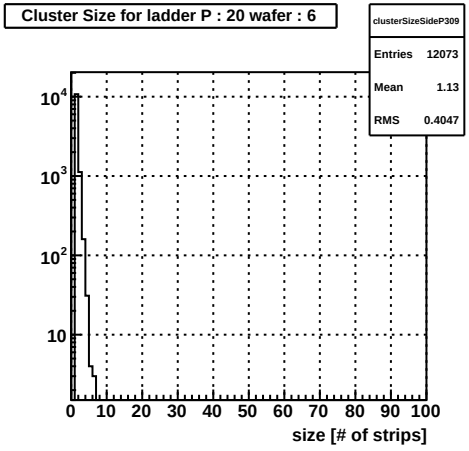

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 16561
Mean 1.096
RMS 0.3366
size [# of strips]

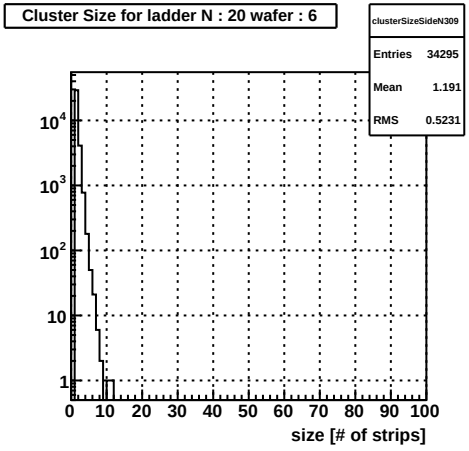

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 14384
Mean 1.343
RMS 0.6799
size [# of strips]

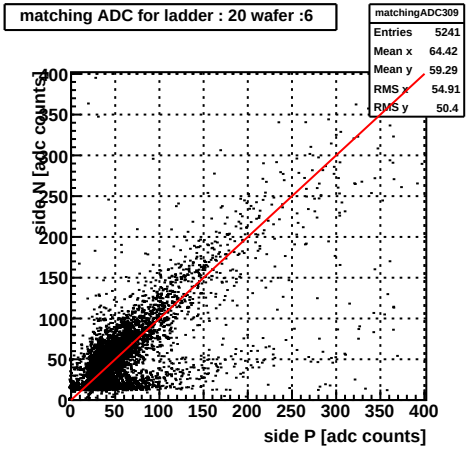

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1936
Mean x 57.53
Mean y 48.68
RMS x 50.01
RMS y 41.36
side N [adc counts]
side P [adc counts]

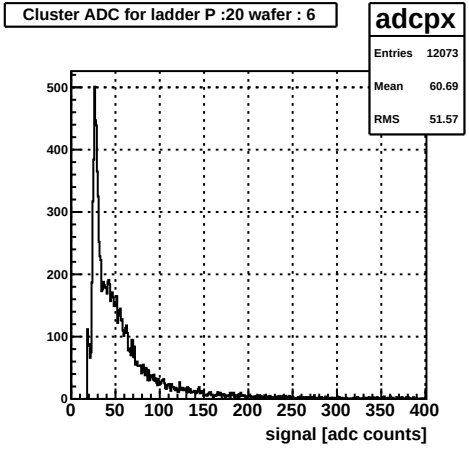

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 16561
Mean 35.36
RMS 30.58
signal [adc counts]

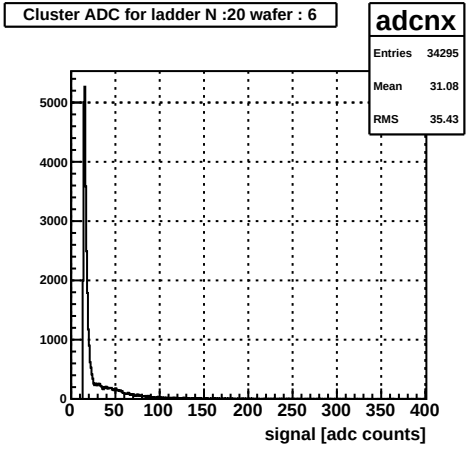

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 14384
Mean 48.77
RMS 44.6
signal [adc counts]

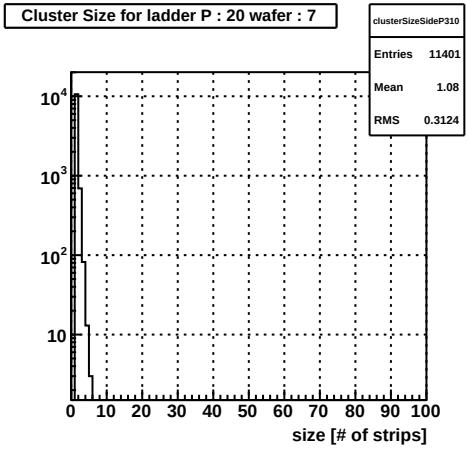

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 12073
Mean 1.13
RMS 0.4047
size [# of strips]

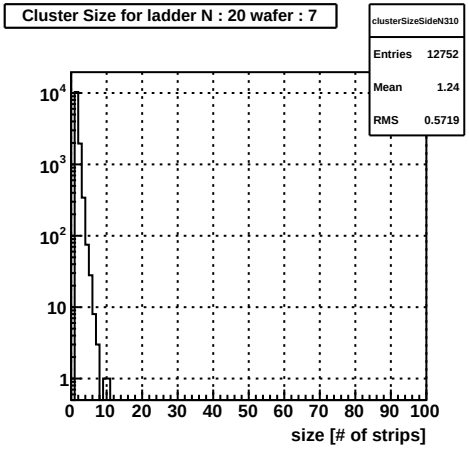

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 34295
Mean 1.191
RMS 0.5231
size [# of strips]

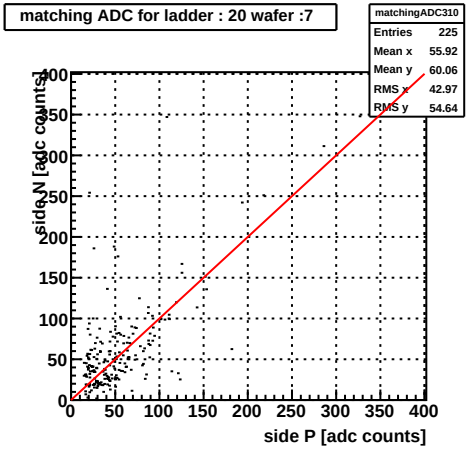

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 5241
Mean x 64.42
Mean y 59.29
RMS x 54.91
RMS y 50.4
side N [adc counts]
side P [adc counts]

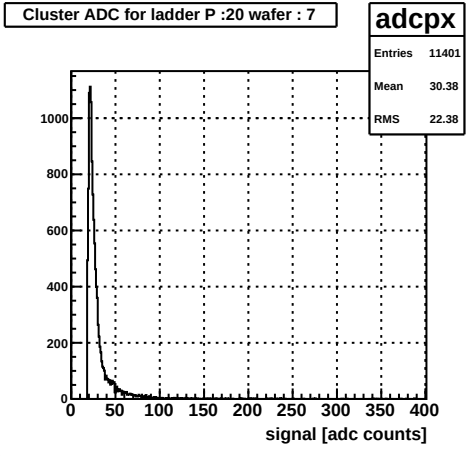

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 12073
Mean 60.69
RMS 51.57
signal [adc counts]

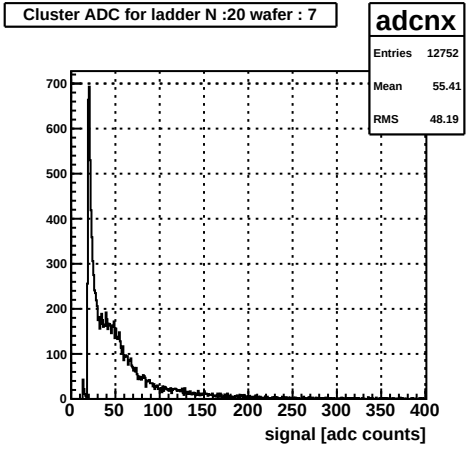

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 34295
Mean 31.08
RMS 35.43
signal [adc counts]

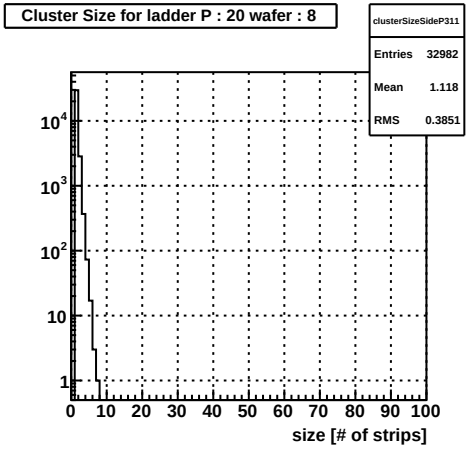

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 11401
Mean 1.08
RMS 0.3124
size [# of strips]

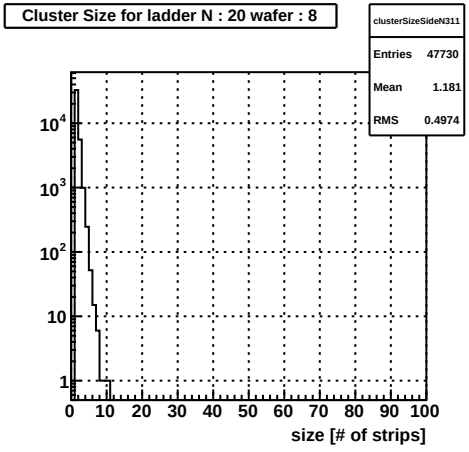

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 12752
Mean 1.24
RMS 0.5719
size [# of strips]

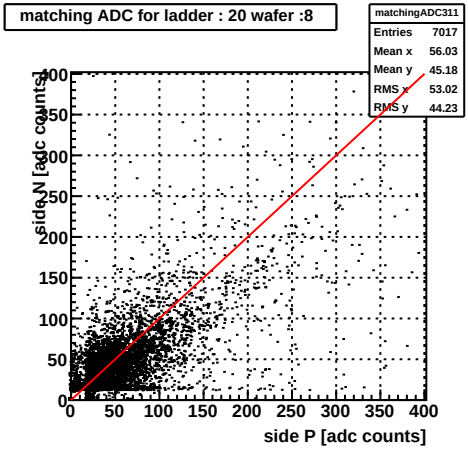

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 225
Mean x 55.92
Mean y 60.06
RMS x 42.97
RMS y 54.64
side N [adc counts]
side P [adc counts]

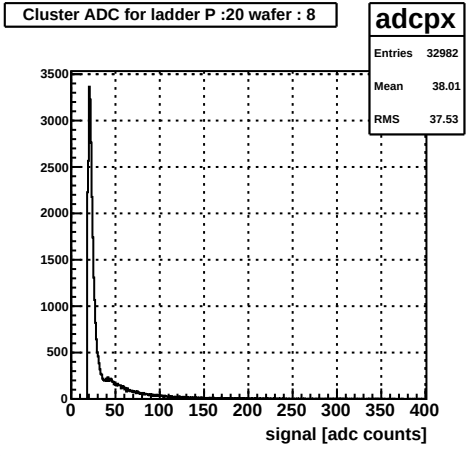

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 11401
Mean 30.38
RMS 22.38
signal [adc counts]

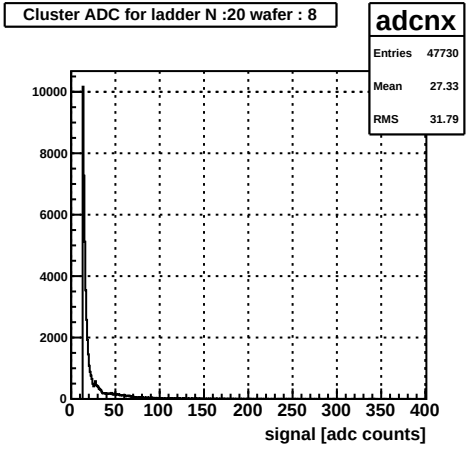

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 12752
Mean 55.41
RMS 48.19
signal [adc counts]

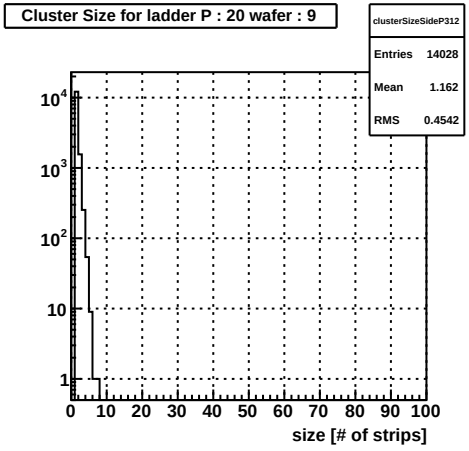

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 32982
Mean 1.118
RMS 0.3851
size [# of strips]

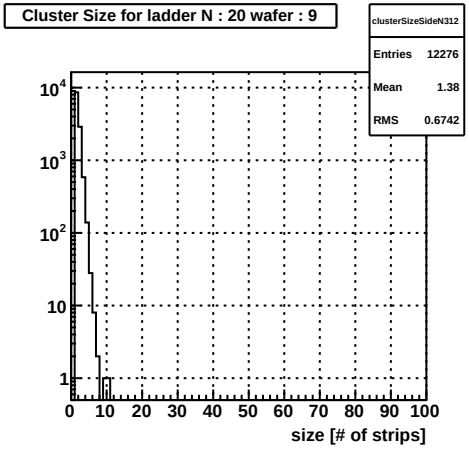

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 47730
Mean 1.181
RMS 0.4974
size [# of strips]

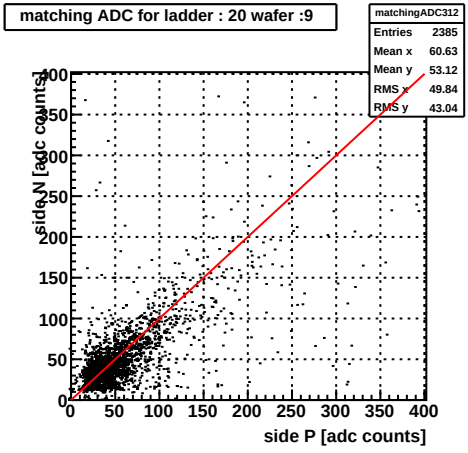

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 7017
Mean x 56.03
Mean y 45.18
RMS x 53.02
RMS y 44.23
side N [adc counts]
side P [adc counts]

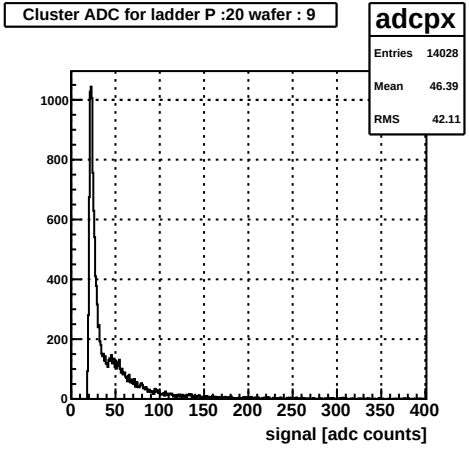

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 32982
Mean 38.01
RMS 37.53
signal [adc counts]

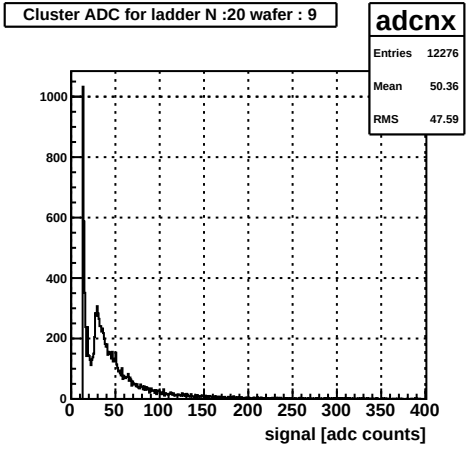

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 47730
Mean 27.33
RMS 31.79
signal [adc counts]

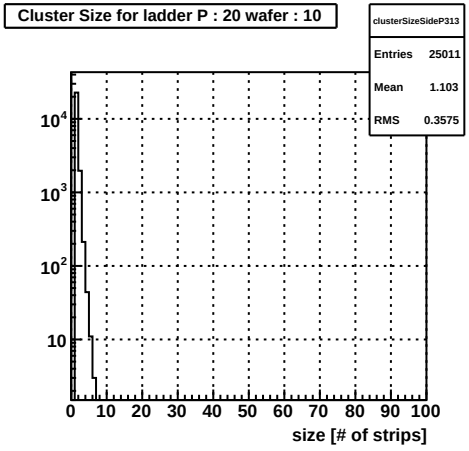

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 14028
Mean 1.162
RMS 0.4542
size [# of strips]

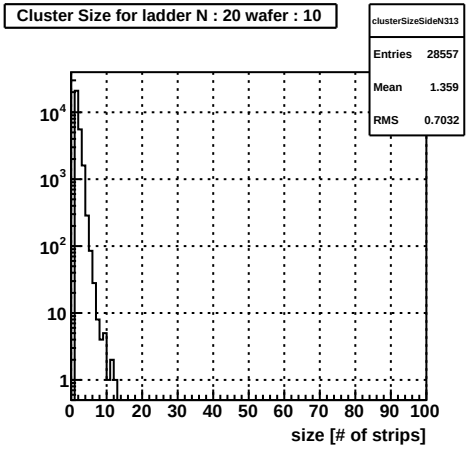

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 12276
Mean 1.38
RMS 0.6742
size [# of strips]

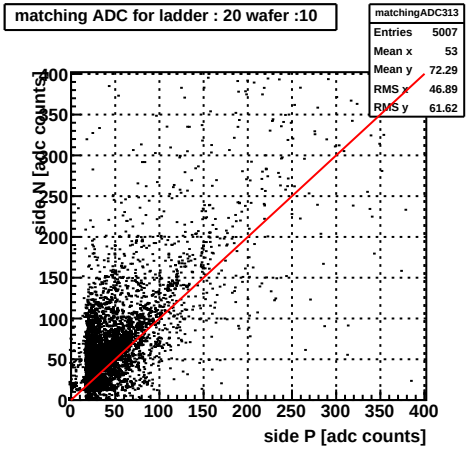

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 2385
Mean x 60.63
Mean y 53.12
RMS x 49.84
RMS y 43.04
side N [adc counts]
side P [adc counts]

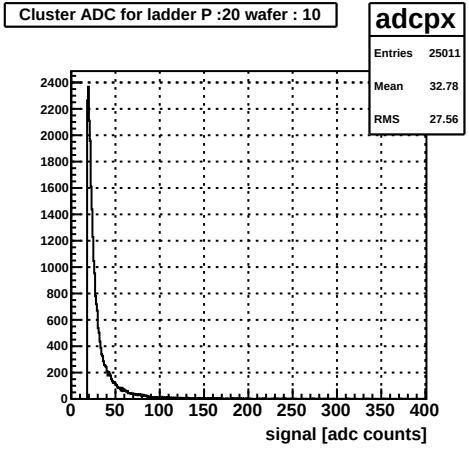

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 14028
Mean 46.39
RMS 42.11
signal [adc counts]

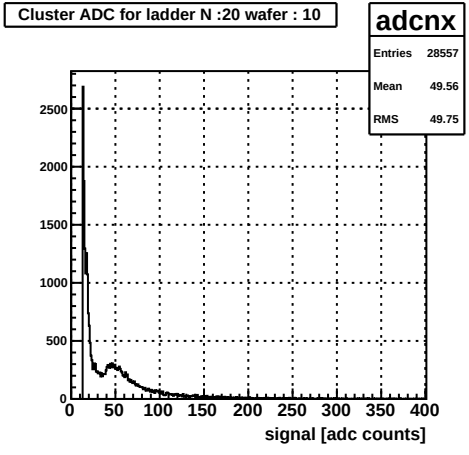

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 12276
Mean 50.36
RMS 47.59
signal [adc counts]

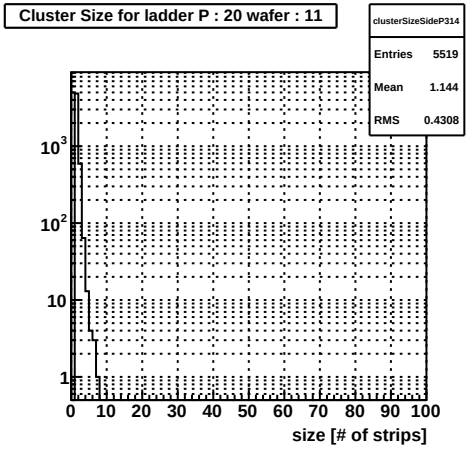

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 25011
Mean 1.103
RMS 0.3575
size [# of strips]

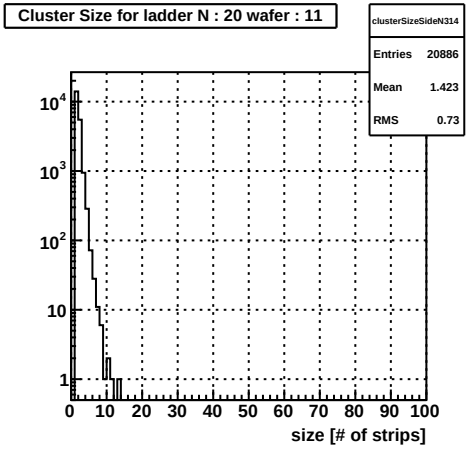

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 28557
Mean 1.359
RMS 0.7032
size [# of strips]

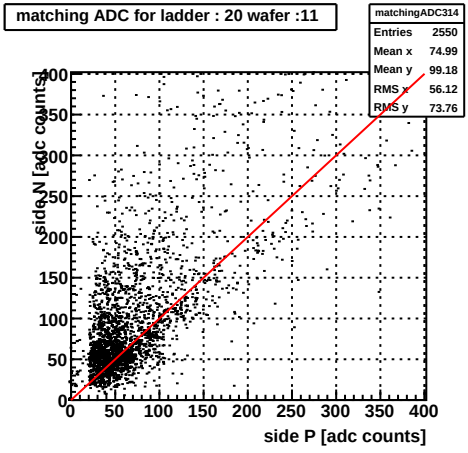

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 5007
Mean x 53
Mean y 72.29
RMS x 46.89
RMS y 61.62
side N [adc counts]
side P [adc counts]

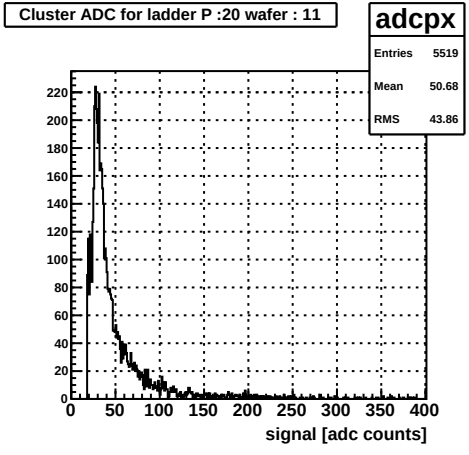

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 25011
Mean 32.78
RMS 27.56
signal [adc counts]

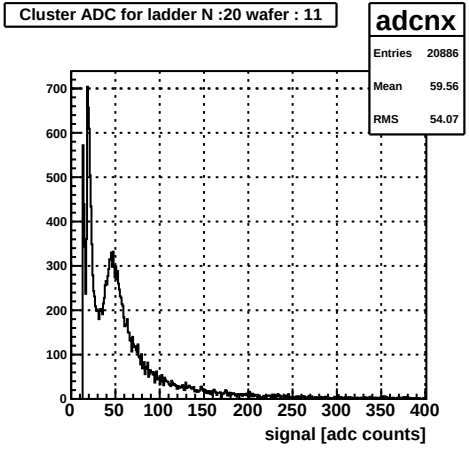

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 28557
Mean 49.56
RMS 49.75
signal [adc counts]

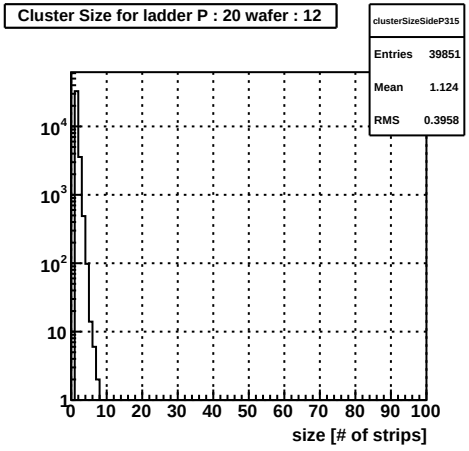

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5519
Mean 1.144
RMS 0.4308
size [# of strips]

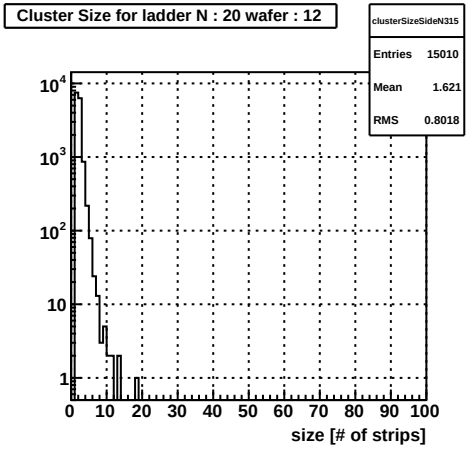

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 20886
Mean 1.423
RMS 0.73
size [# of strips]

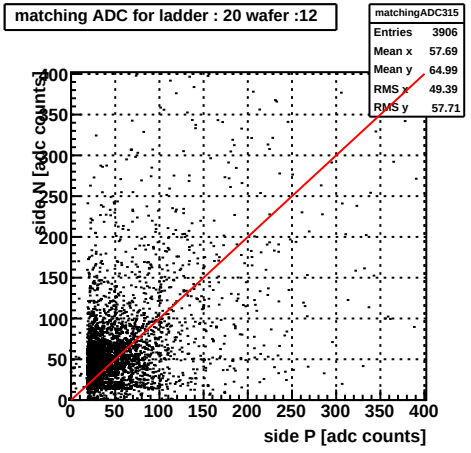

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 2550
Mean x 74.99
Mean y 99.18
RMS x 56.12
RMS y 73.76
side N [adc counts]
side P [adc counts]

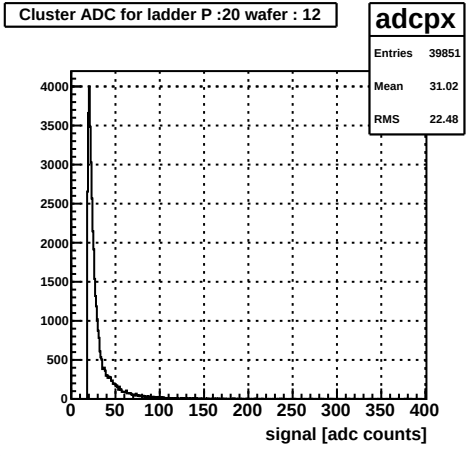

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5519
Mean 50.68
RMS 43.86
signal [adc counts]

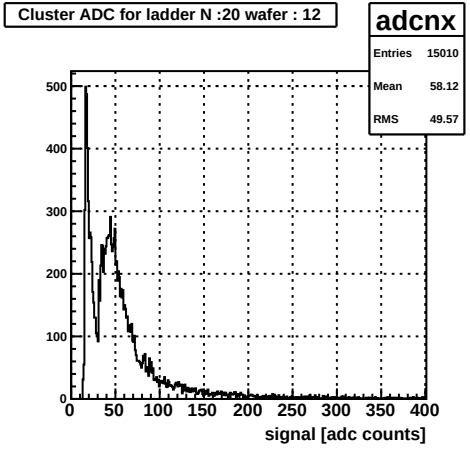

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 20886
Mean 59.56
RMS 54.07
signal [adc counts]

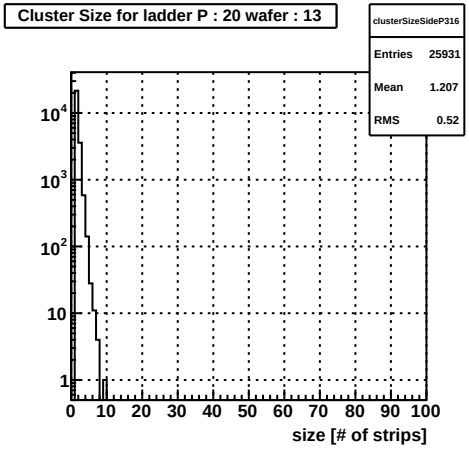

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 39851
Mean 1.124
RMS 0.3958
size [# of strips]

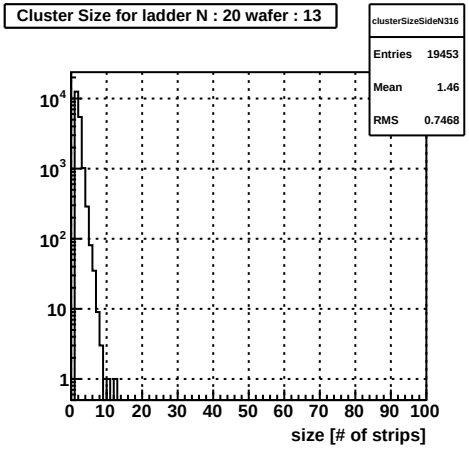

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 15010
Mean 1.621
RMS 0.8018
size [# of strips]

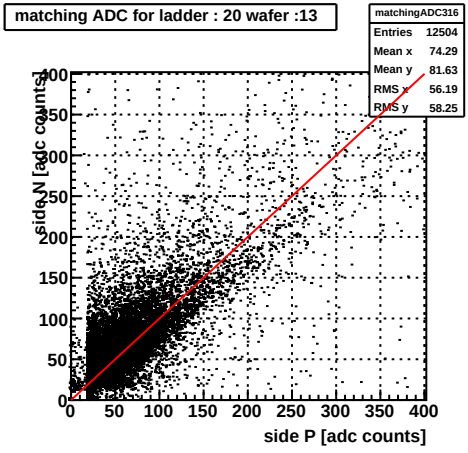

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 3906
Mean x 57.69
Mean y 64.99
RMS x 49.39
RMS y 57.71
side N [adc counts]
side P [adc counts]

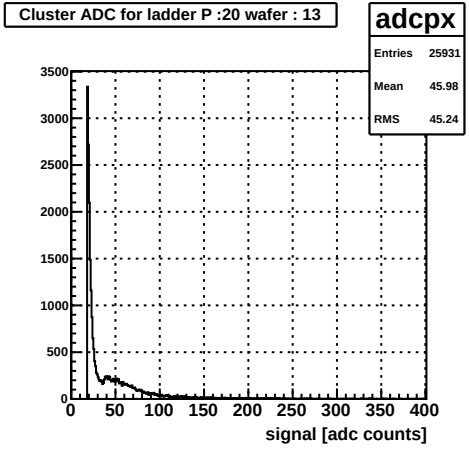

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 39851
Mean 31.02
RMS 22.48
signal [adc counts]

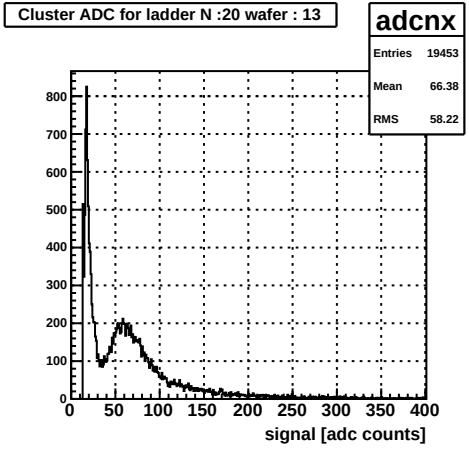

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 15010
Mean 58.12
RMS 49.57
signal [adc counts]

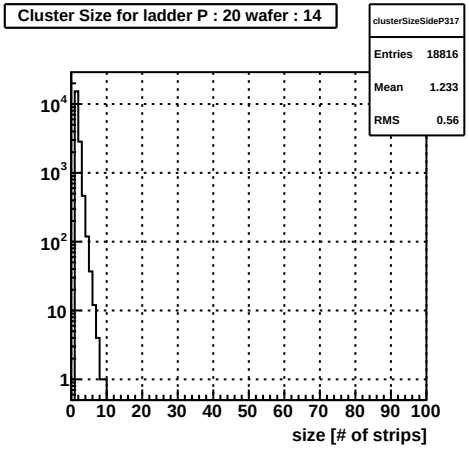

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 25931
Mean 1.207
RMS 0.52
size [# of strips]

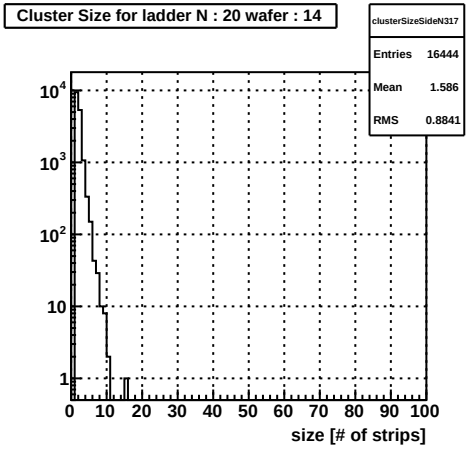

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 19453
Mean 1.46
RMS 0.7468
size [# of strips]

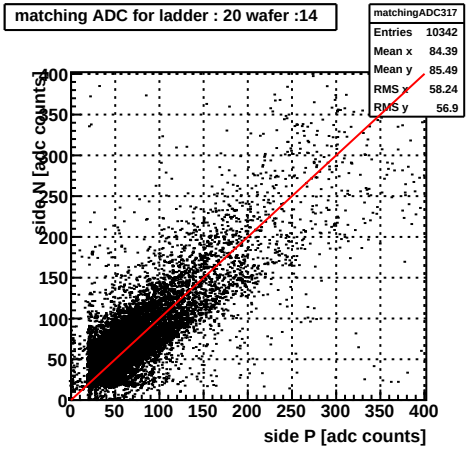

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 12504
Mean x 74.29
Mean y 81.63
RMS x 56.19
RMS y 58.25
side N [adc counts]
side P [adc counts]

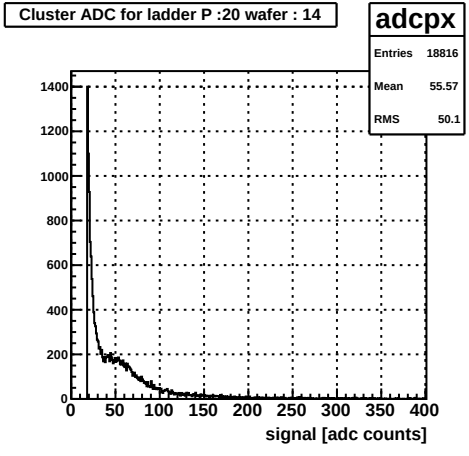

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 25931
Mean 45.98
RMS 45.24
signal [adc counts]

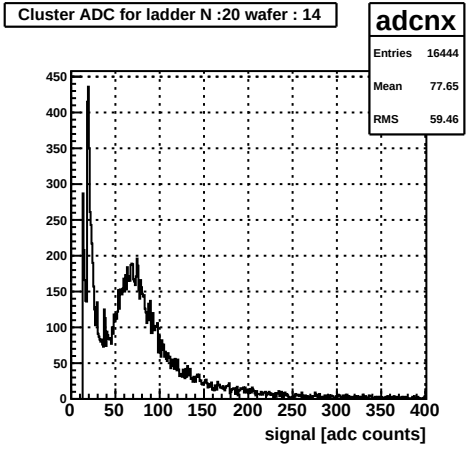

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 19453
Mean 66.38
RMS 58.22
signal [adc counts]

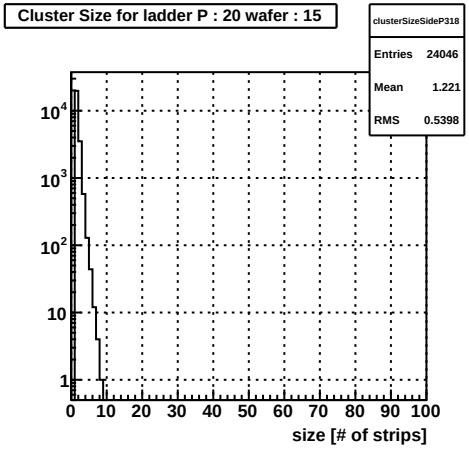

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 18816
Mean 1.233
RMS 0.56
size [# of strips]

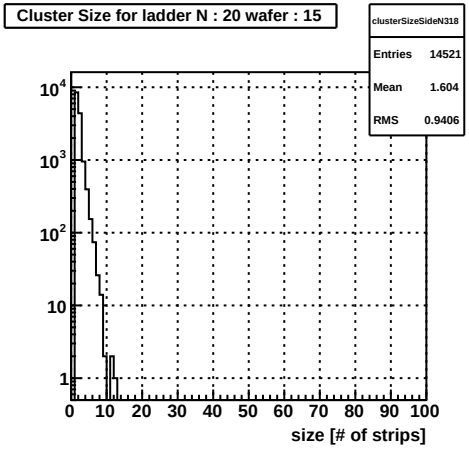

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 16444
Mean 1.586
RMS 0.8841
size [# of strips]

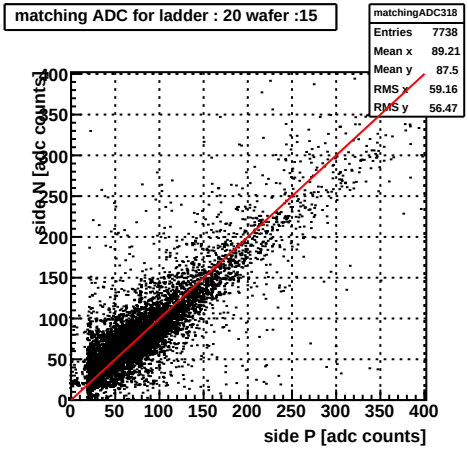

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 10342
Mean x 84.39
Mean y 85.49
RMS x 58.24
RMS y 56.9
side N [adc counts]
side P [adc counts]

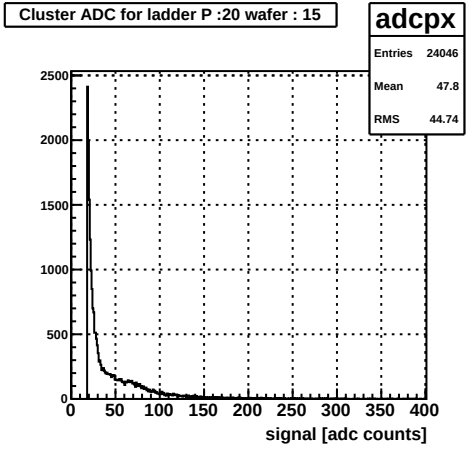

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 18816
Mean 55.57
RMS 50.1
signal [adc counts]

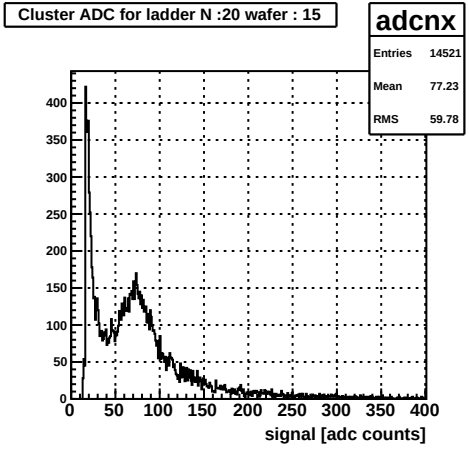

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 16444
Mean 77.65
RMS 59.46
signal [adc counts]

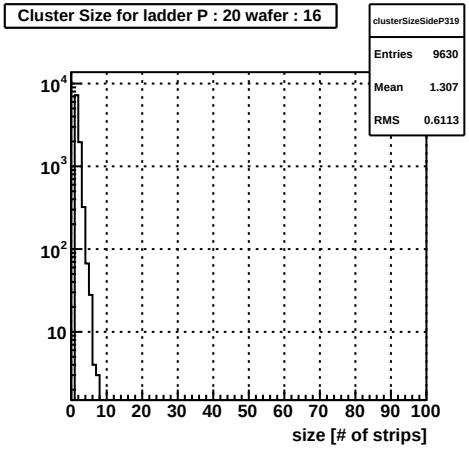

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 24046
Mean 1.221
RMS 0.5398
size [# of strips]

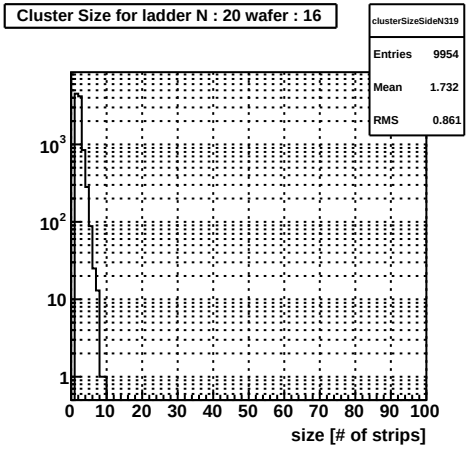

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 14521
Mean 1.604
RMS 0.9406
size [# of strips]

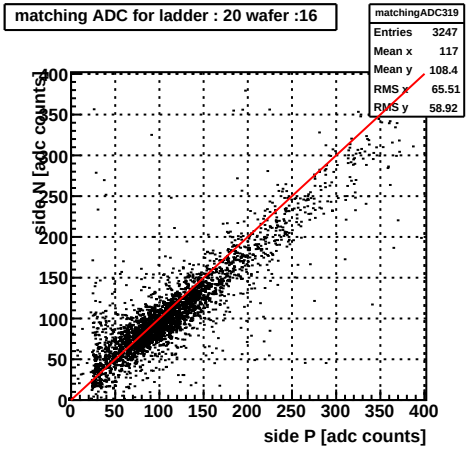

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 7738
Mean x 89.21
Mean y 87.5
RMS x 59.16
RMS y 56.47
side N [adc counts]
side P [adc counts]

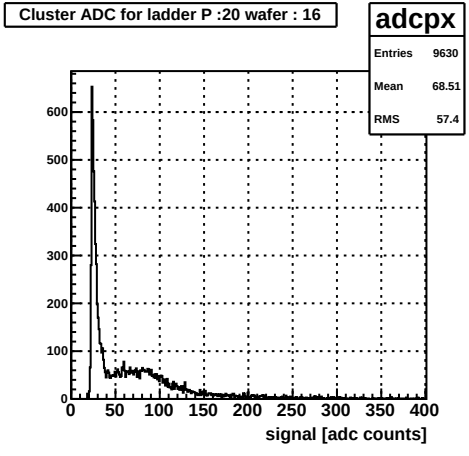

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 24046
Mean 47.8
RMS 44.74
signal [adc counts]

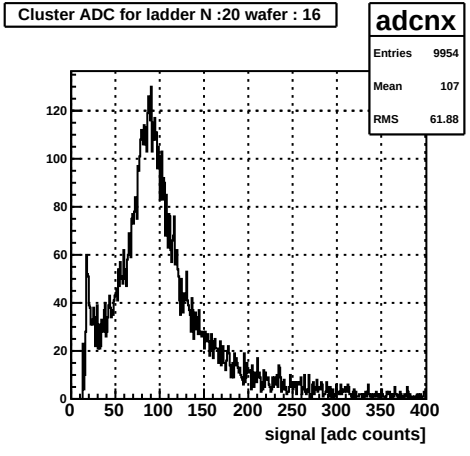

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 14521
Mean 77.23
RMS 59.78
signal [adc counts]

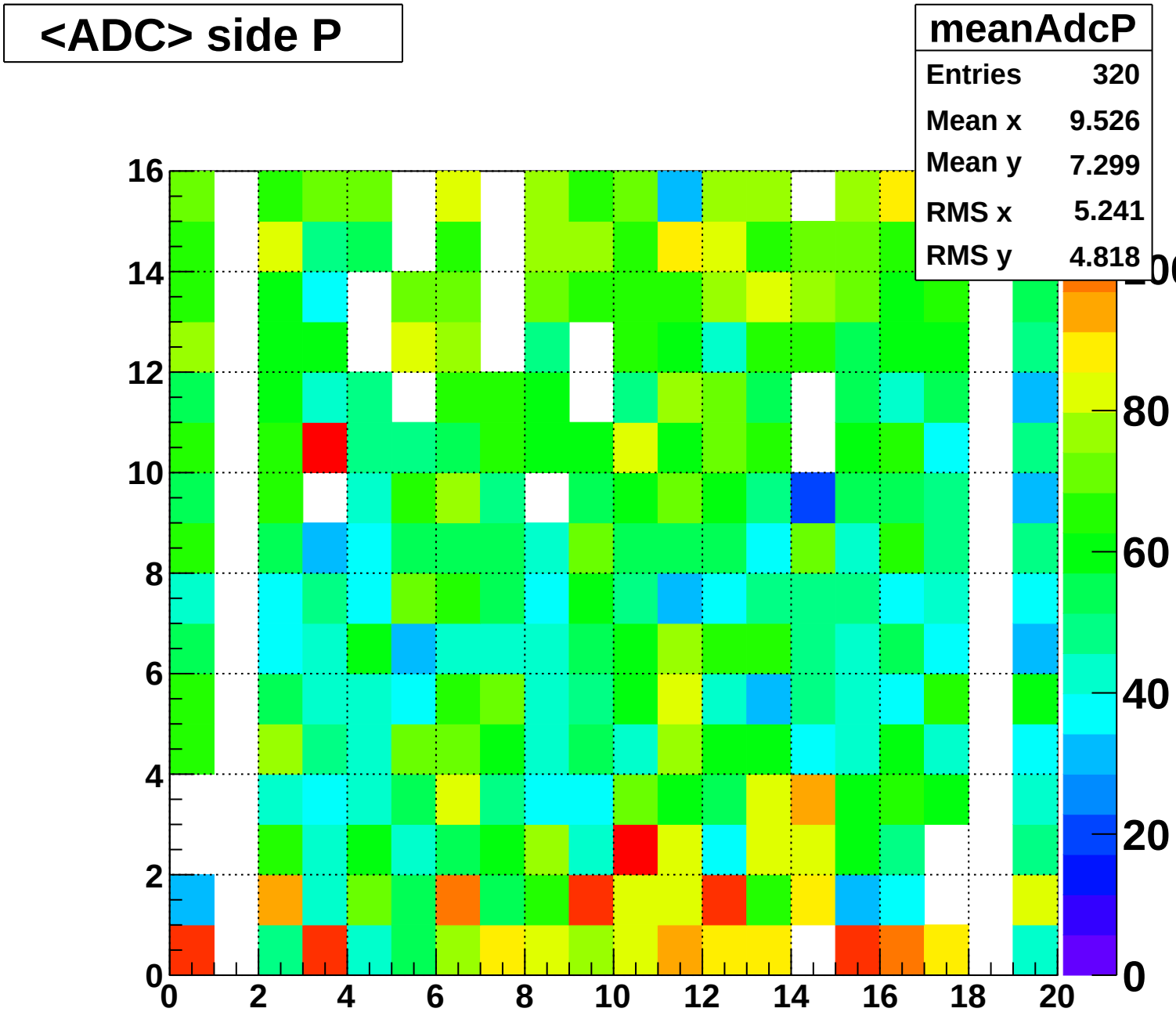

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 9630
Mean 1.307
RMS 0.6113
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 9954
Mean 1.732
RMS 0.861
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 3247
Mean x 117
Mean y 108.4
RMS x 65.51
RMS y 58.92
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 9630
Mean 68.51
RMS 57.4
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 9954
Mean 107
RMS 61.88
signal [adc counts]



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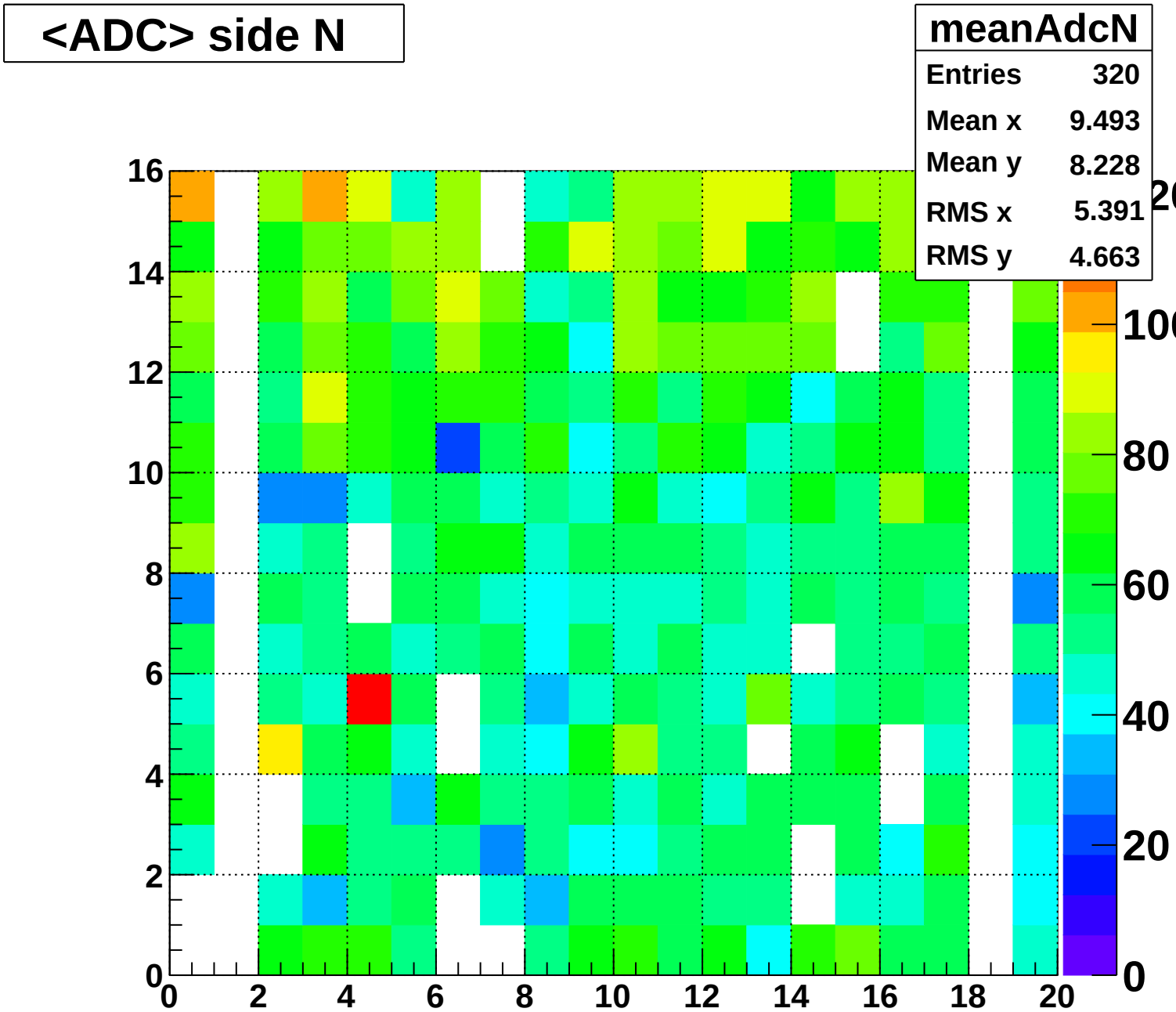

2016-06-21 14:27:36