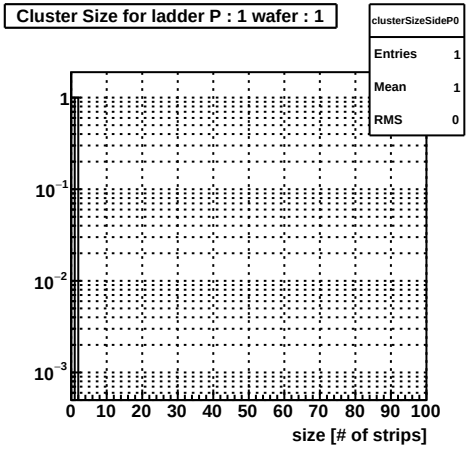
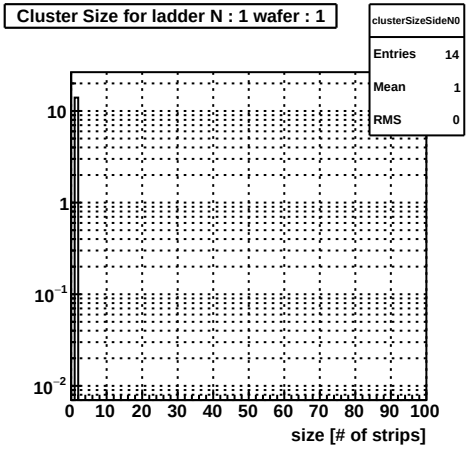
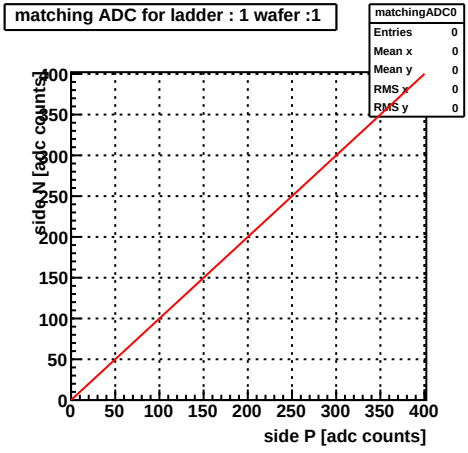
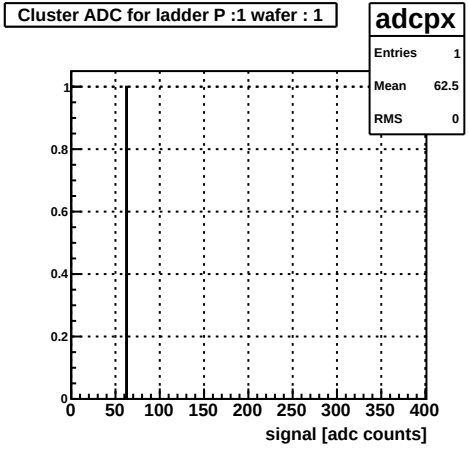
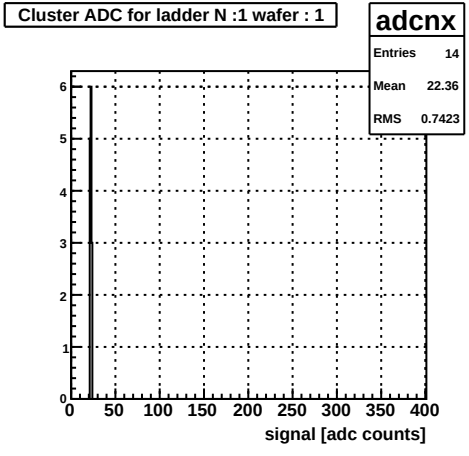
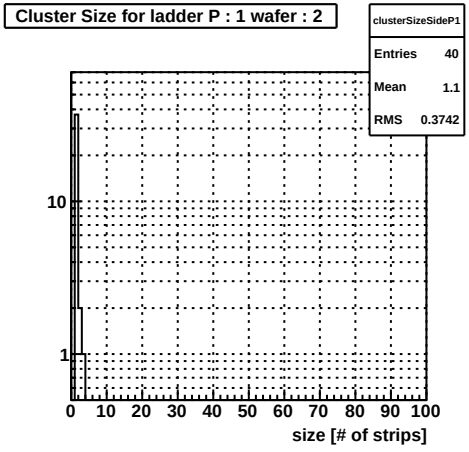

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1
Mean 1
RMS 0
size [# of strips]

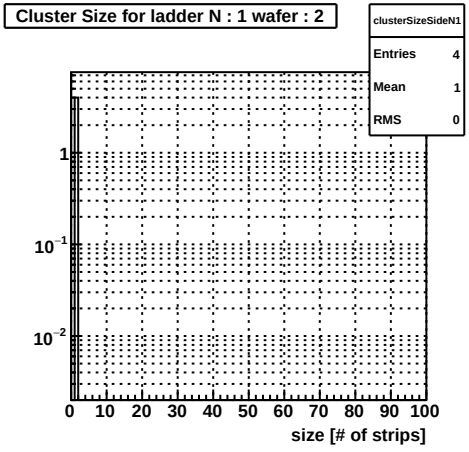

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 14
Mean 1
RMS 0
size [# of strips]

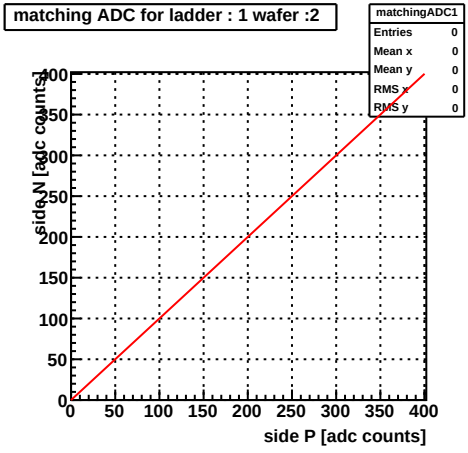

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

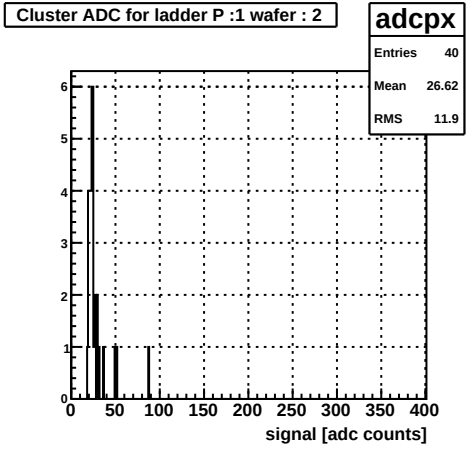

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1
Mean 62.5
RMS 0
signal [adc counts]

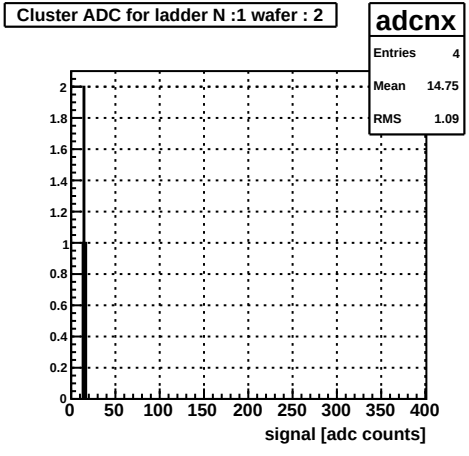

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 14
Mean 22.36
RMS 0.7423
signal [adc counts]

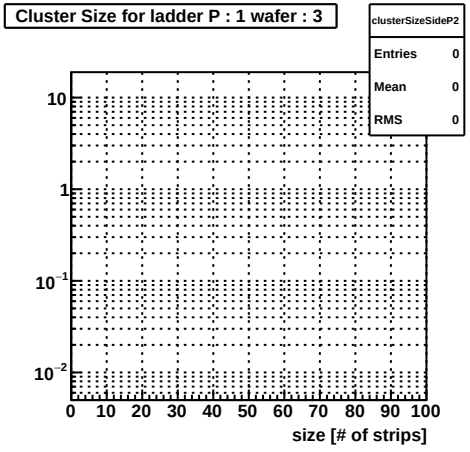

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 40
Mean 1.1
RMS 0.3742
size [# of strips]

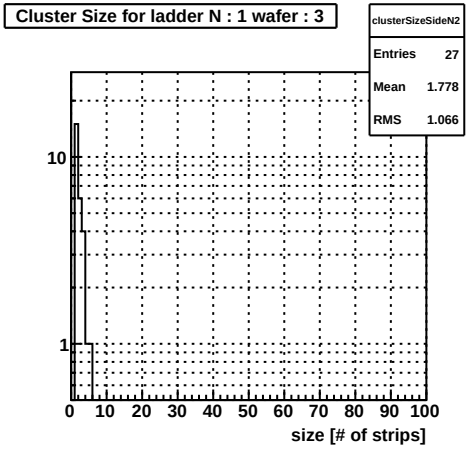

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 4
Mean 1
RMS 0
size [# of strips]

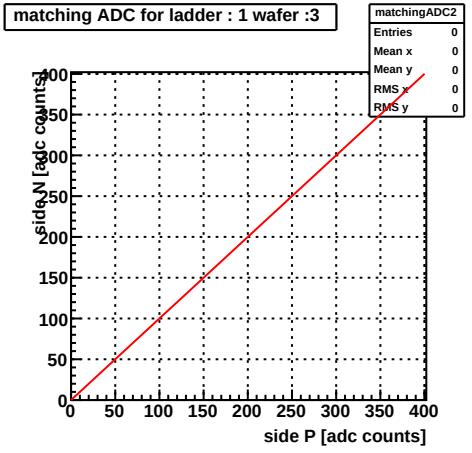

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

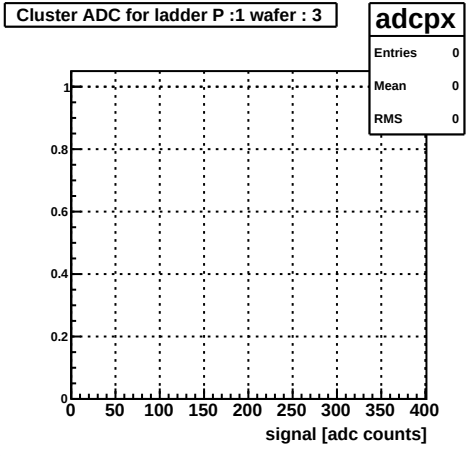

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 40
Mean 26.62
RMS 11.9
signal [adc counts]

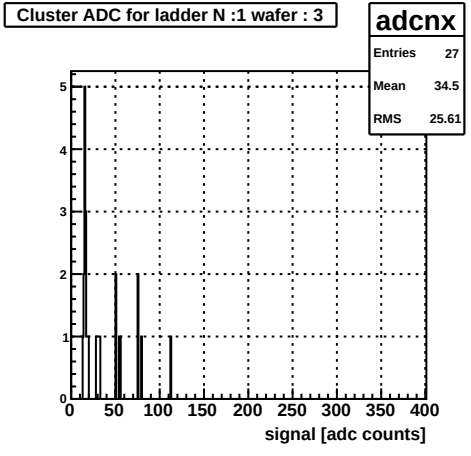

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 4
Mean 14.75
RMS 1.09
signal [adc counts]

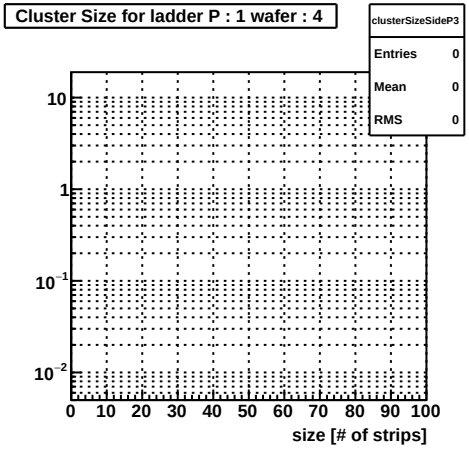

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

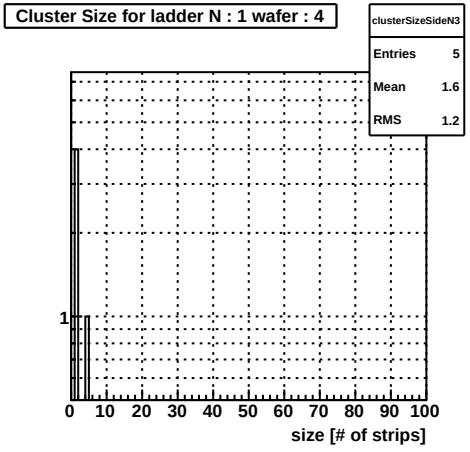

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 27
Mean 1.778
RMS 1.066
size [# of strips]

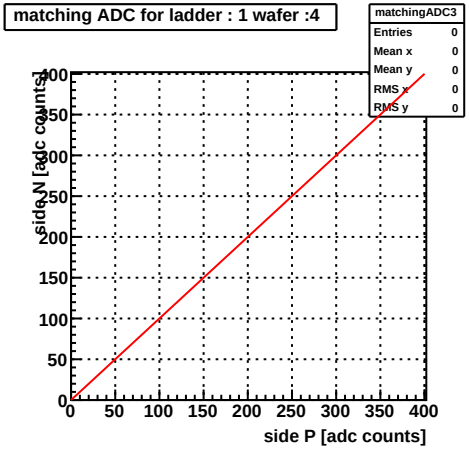

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

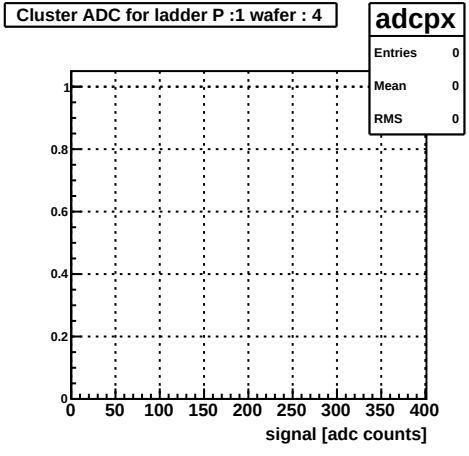

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

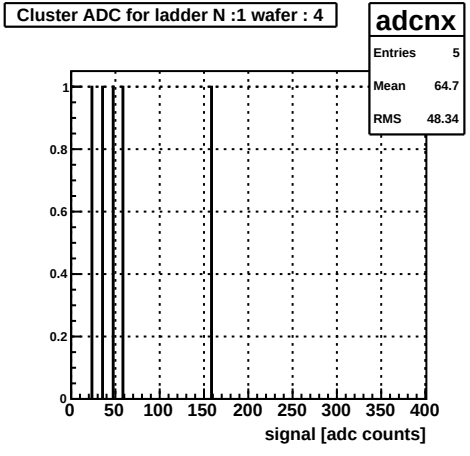

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 27
Mean 34.5
RMS 25.61
signal [adc counts]

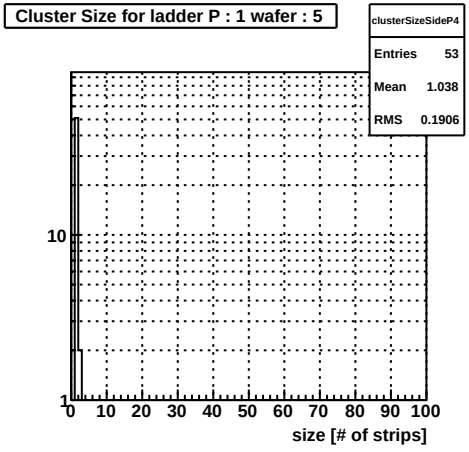

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

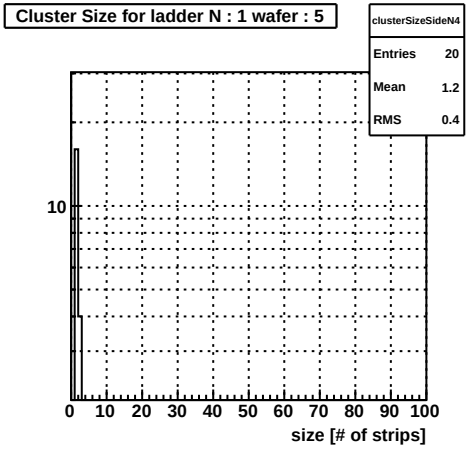

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 5
Mean 1.6
RMS 1.2
size [# of strips]

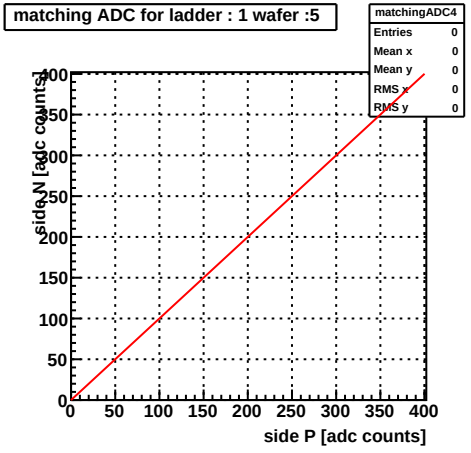

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

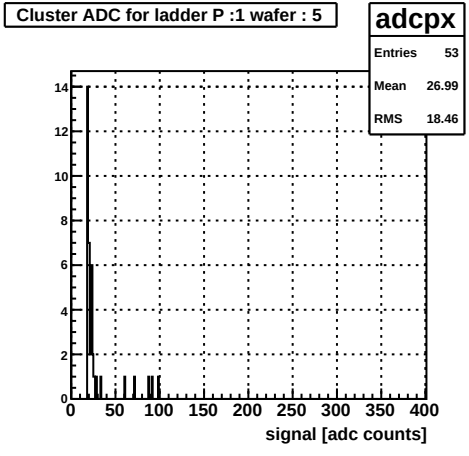

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

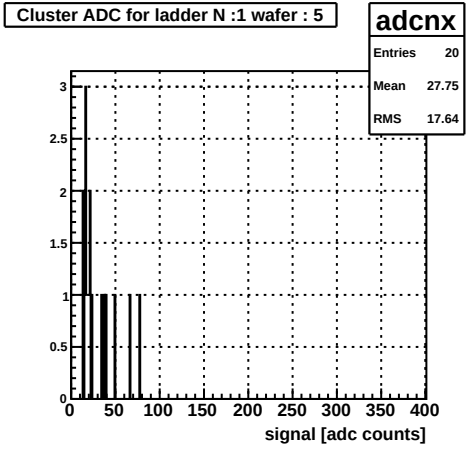

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 5
Mean 64.7
RMS 48.34
signal [adc counts]

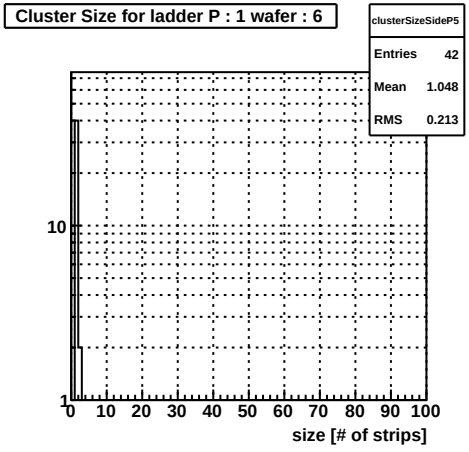

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 53
Mean 1.038
RMS 0.1906
size [# of strips]

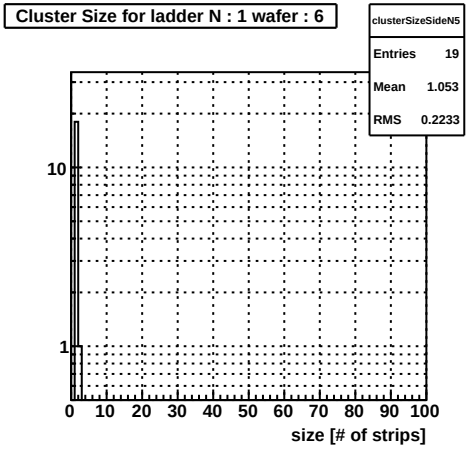

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 20
Mean 1.2
RMS 0.4
size [# of strips]

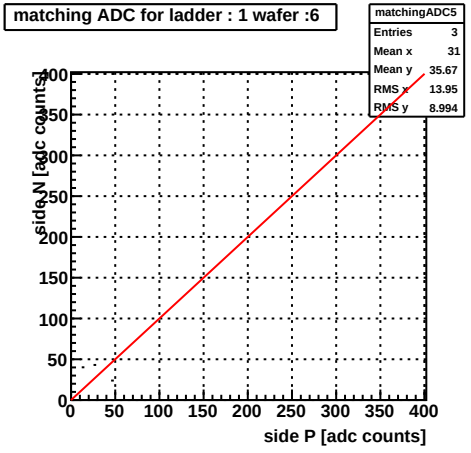

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

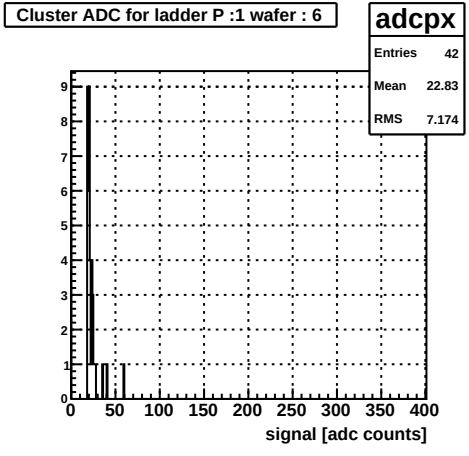

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 53
Mean 26.99
RMS 18.46
signal [adc counts]

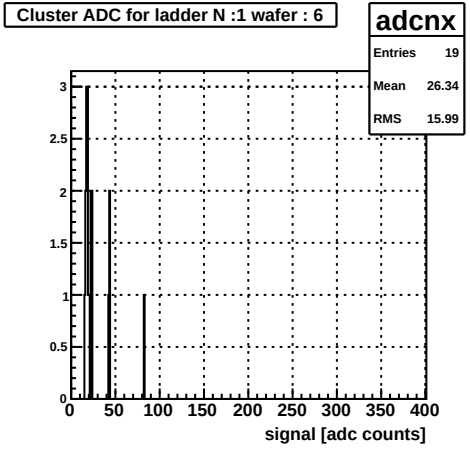

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 20
Mean 27.75
RMS 17.64
signal [adc counts]

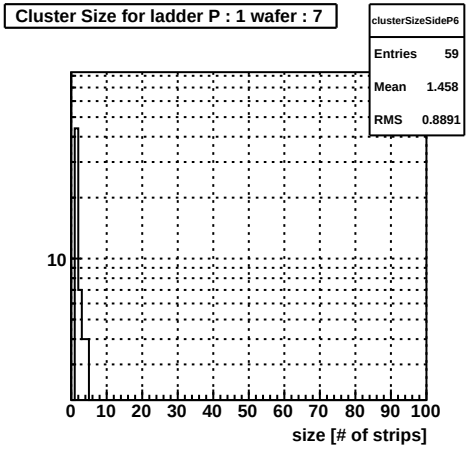

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 42
Mean 1.048
RMS 0.213
size [# of strips]

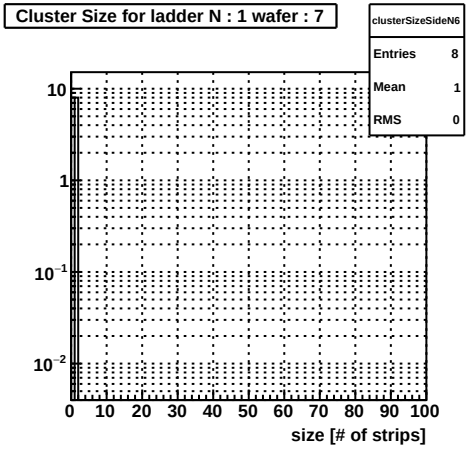

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 19
Mean 1.053
RMS 0.2233
size [# of strips]

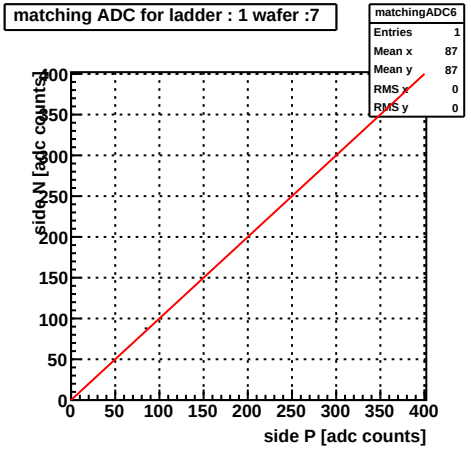

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 3
Mean x 31
Mean y 35.67
RMS x 13.95
RMS y 8.994
side N [adc counts]
side P [adc counts]

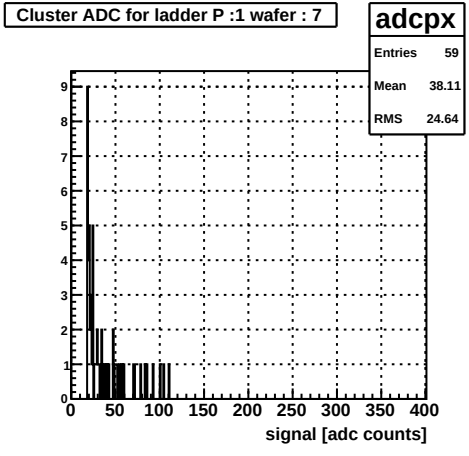

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 42
Mean 22.83
RMS 7.174
signal [adc counts]

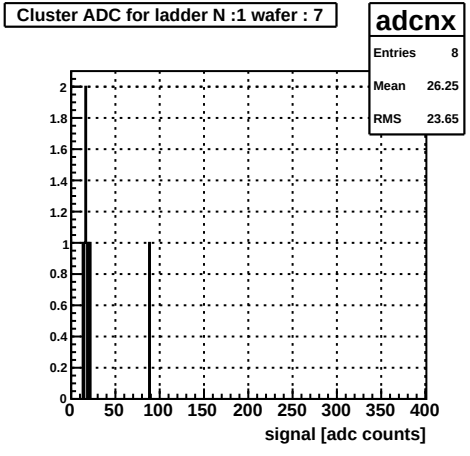

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 19
Mean 26.34
RMS 15.99
signal [adc counts]

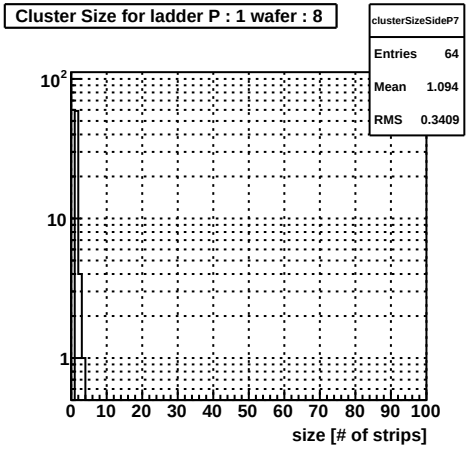

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 59
Mean 1.458
RMS 0.8891
size [# of strips]

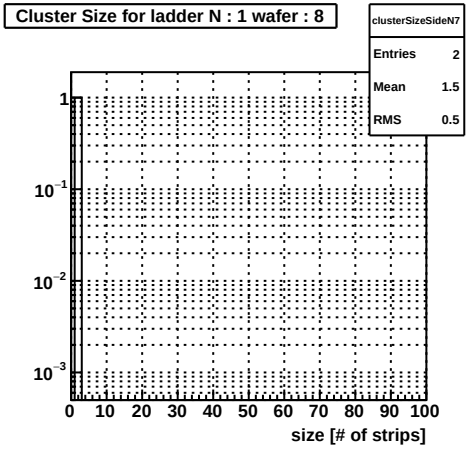

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 8
Mean 1
RMS 0
size [# of strips]

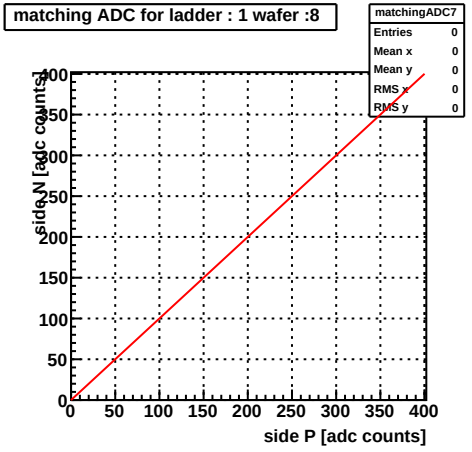

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 1
Mean x 87
Mean y 87
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

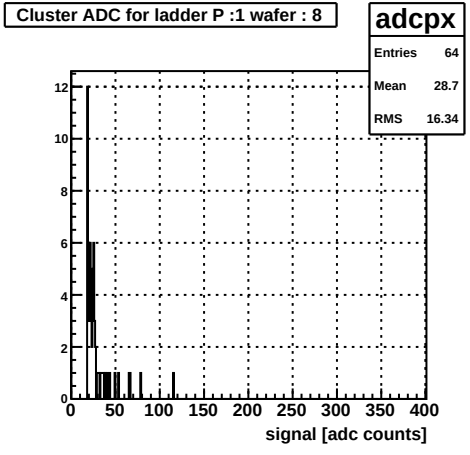

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 59
Mean 38.11
RMS 24.64
signal [adc counts]

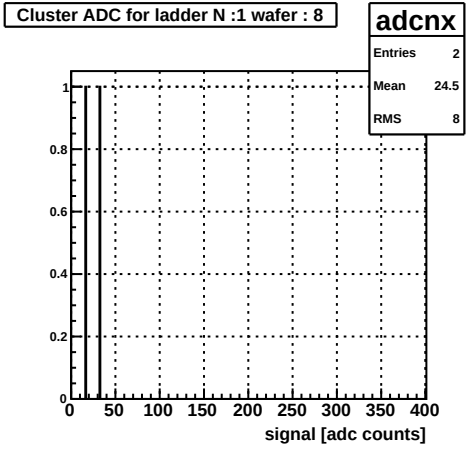

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 8
Mean 26.25
RMS 23.65
signal [adc counts]

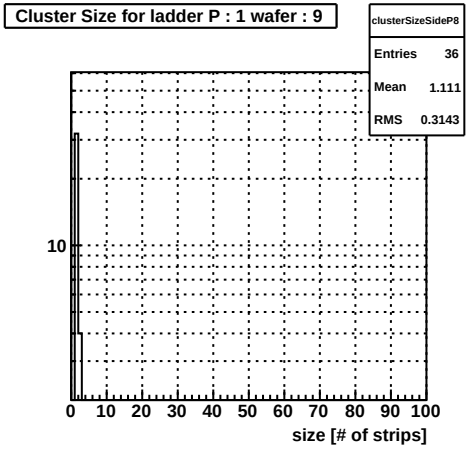

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 64
Mean 1.094
RMS 0.3409
size [# of strips]

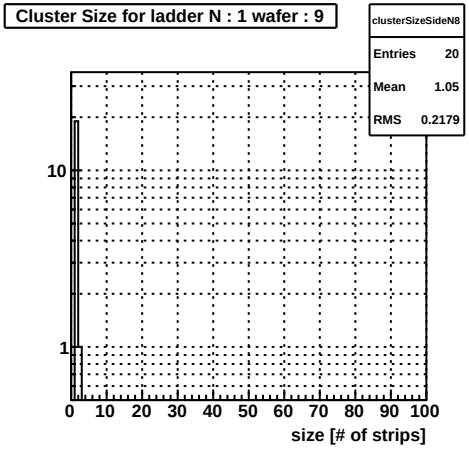

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

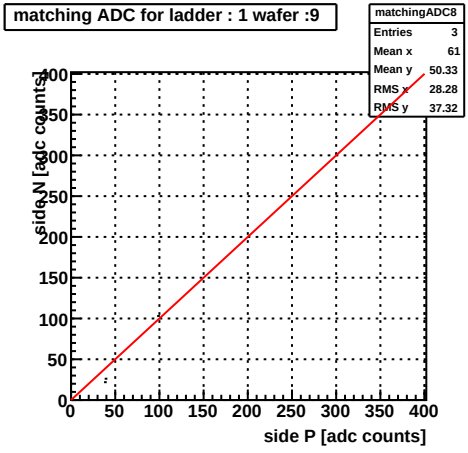

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

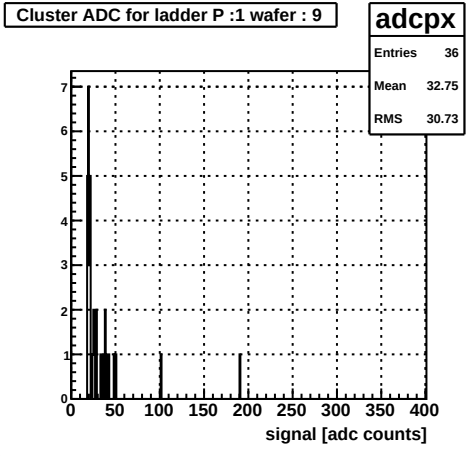

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 64
Mean 28.7
RMS 16.34
signal [adc counts]

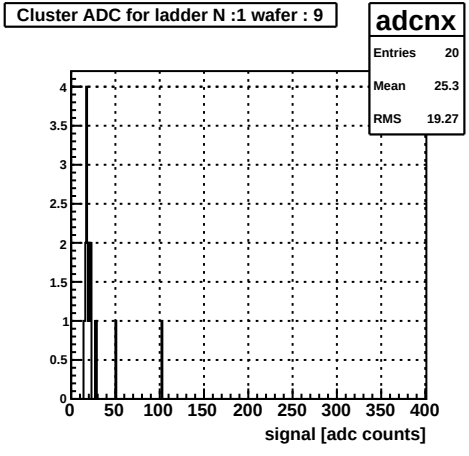

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2
Mean 24.5
RMS 8
signal [adc counts]

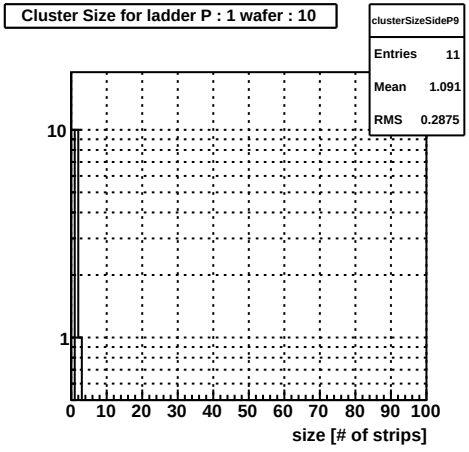

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 36
Mean 1.111
RMS 0.3143
size [# of strips]

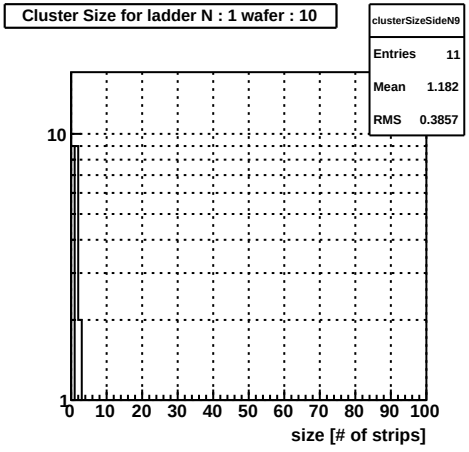

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

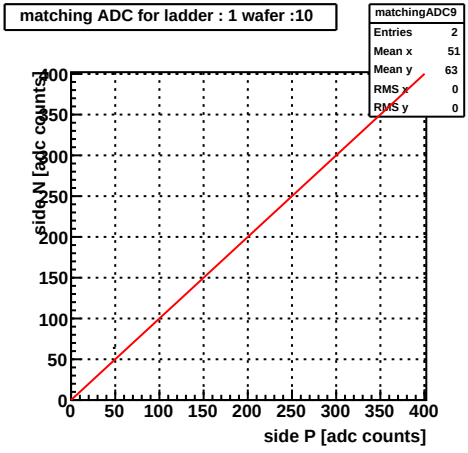

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 3
Mean x 61
Mean y 50.33
RMS x 28.28
RMS y 37.32
side N [adc counts]
side P [adc counts]

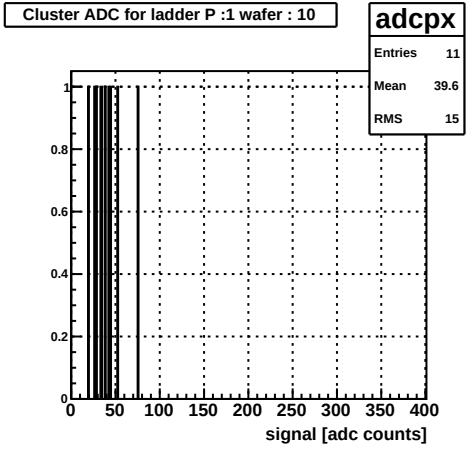

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 36
Mean 32.75
RMS 30.73
signal [adc counts]

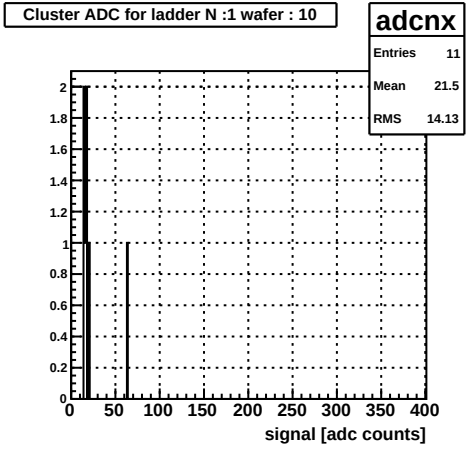

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 20
Mean 25.3
RMS 19.27
signal [adc counts]

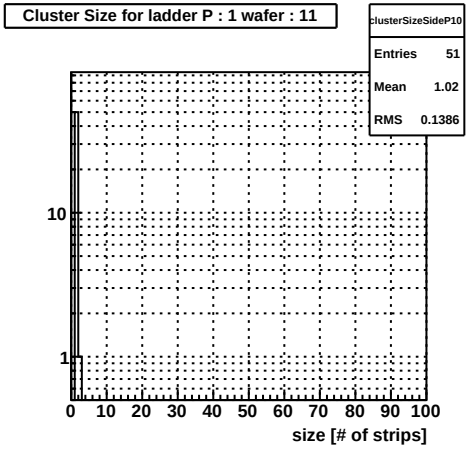

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 11
Mean 1.091
RMS 0.2875
size [# of strips]

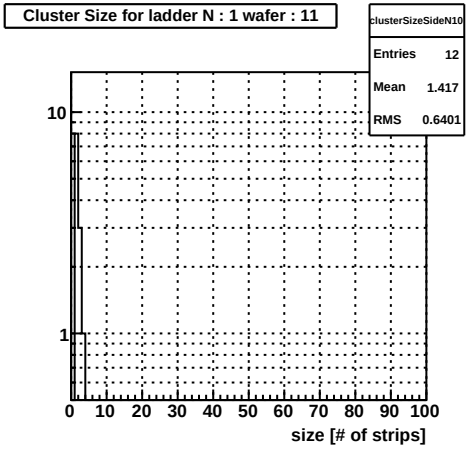

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 11
Mean 1.182
RMS 0.3857
size [# of strips]

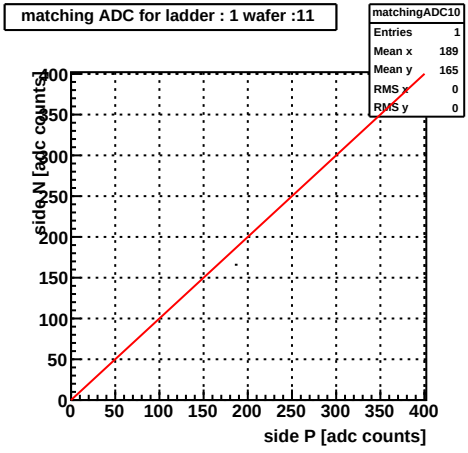

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 2
Mean x 51
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

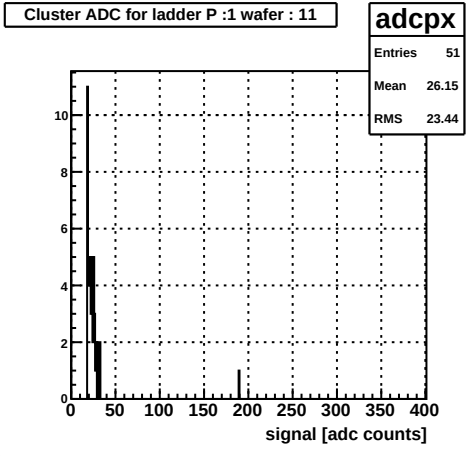

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 11
Mean 39.6
RMS 15
signal [adc counts]

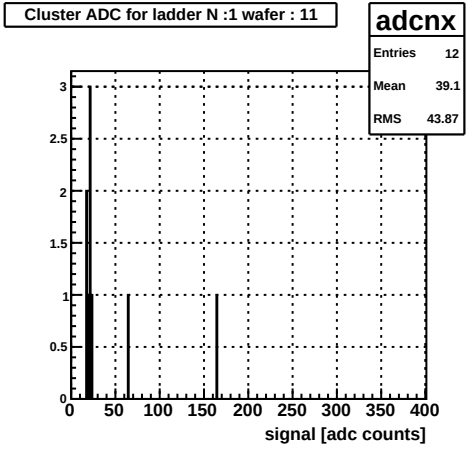

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 11
Mean 21.5
RMS 14.13
signal [adc counts]

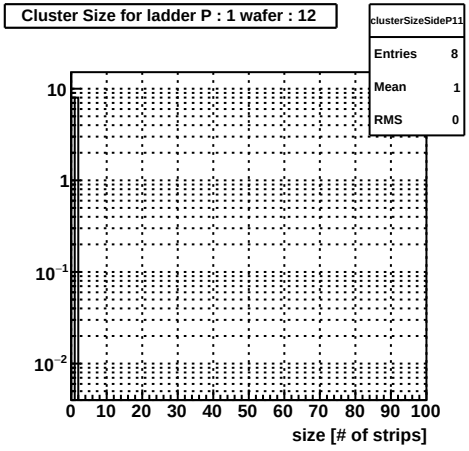

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 51
Mean 1.02
RMS 0.1386
size [# of strips]

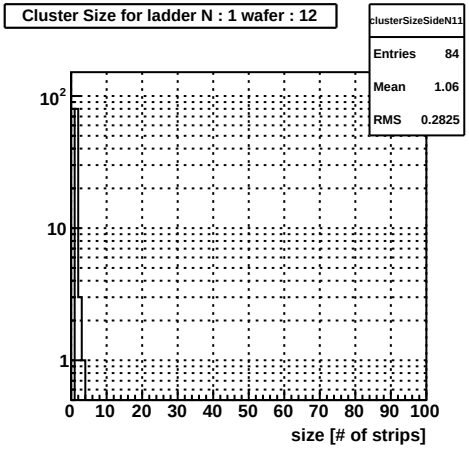

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 12
Mean 1.417
RMS 0.6401
size [# of strips]

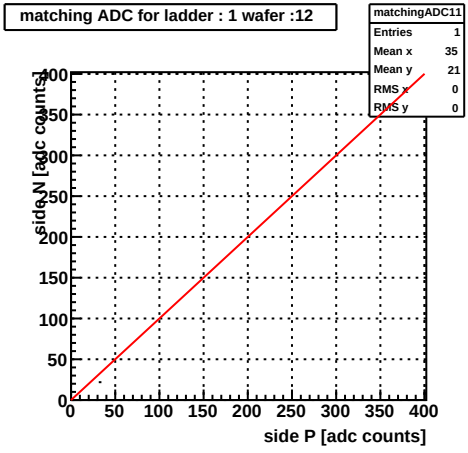

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 1
Mean x 189
Mean y 165
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

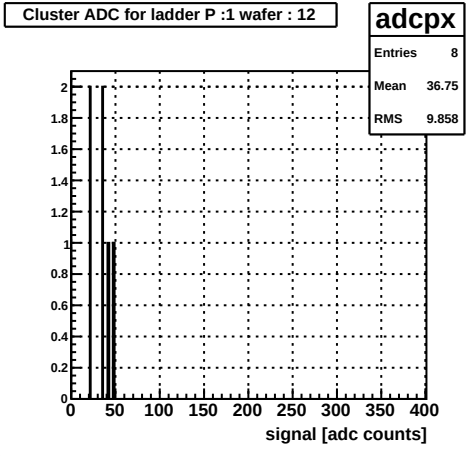

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 51
Mean 26.15
RMS 23.44
signal [adc counts]

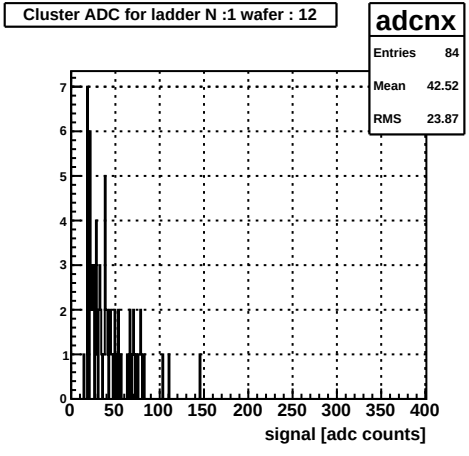

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 12
Mean 39.1
RMS 43.87
signal [adc counts]

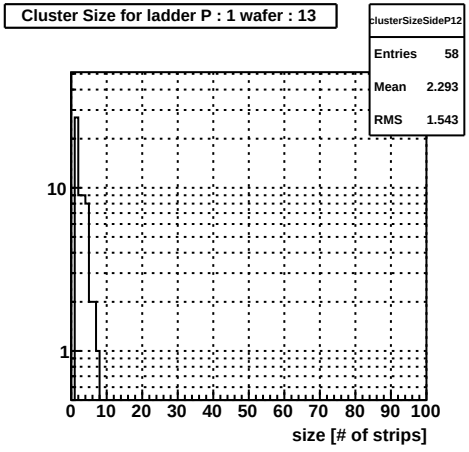

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 8
Mean 1
RMS 0
size [# of strips]

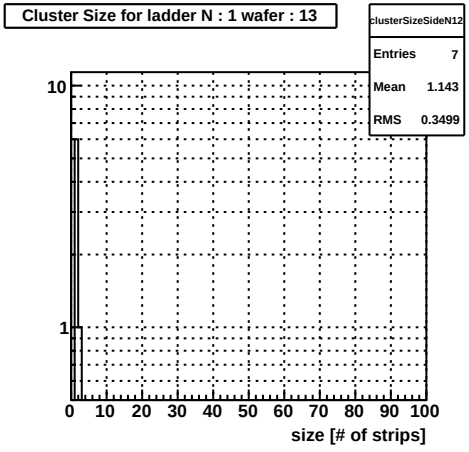

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 84
Mean 1.06
RMS 0.2825
size [# of strips]

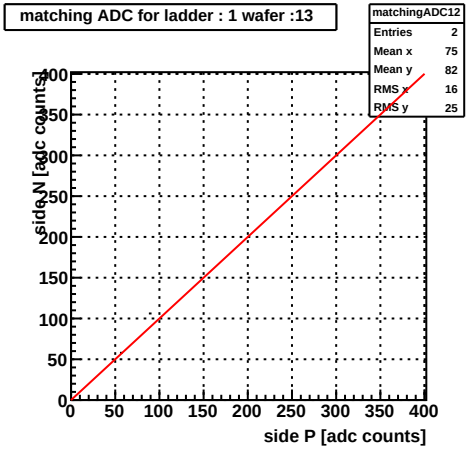

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1
Mean x 35
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

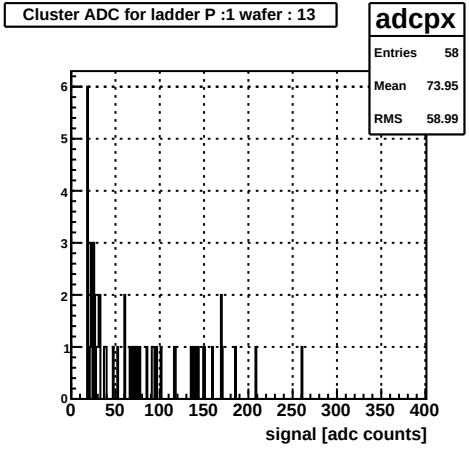

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 8
Mean 36.75
RMS 9.858
signal [adc counts]

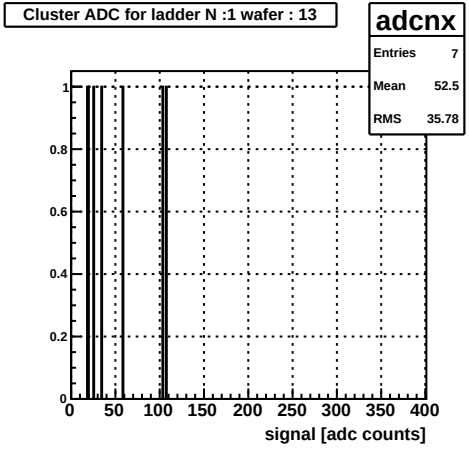

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 84
Mean 42.52
RMS 23.87
signal [adc counts]

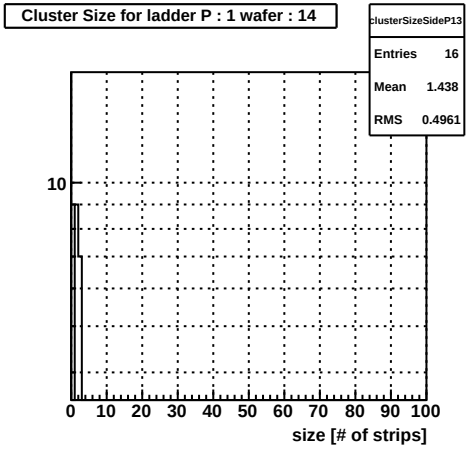

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 58
Mean 2.293
RMS 1.543
size [# of strips]

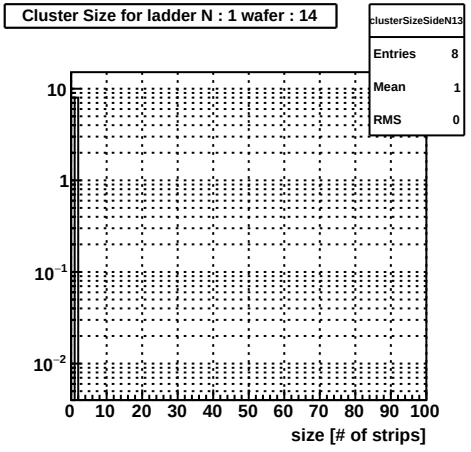

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

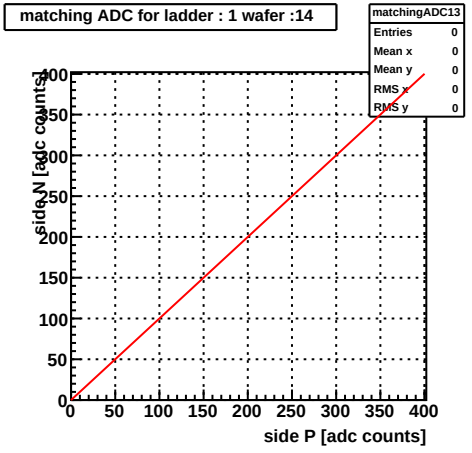

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 2
Mean x 75
Mean y 82
RMS x 16
RMS y 25
side N [adc counts]
side P [adc counts]

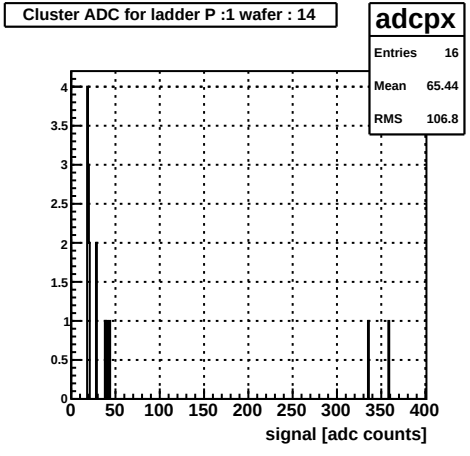

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 58
Mean 73.95
RMS 58.99
signal [adc counts]

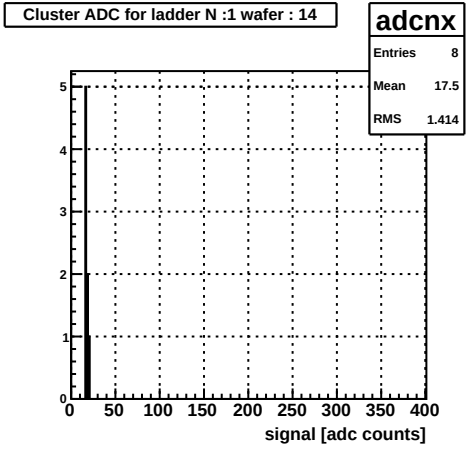

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 7
Mean 52.5
RMS 35.78
signal [adc counts]

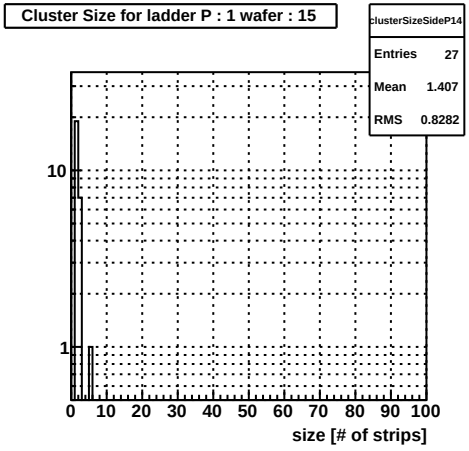

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 16
Mean 1.438
RMS 0.4961
size [# of strips]

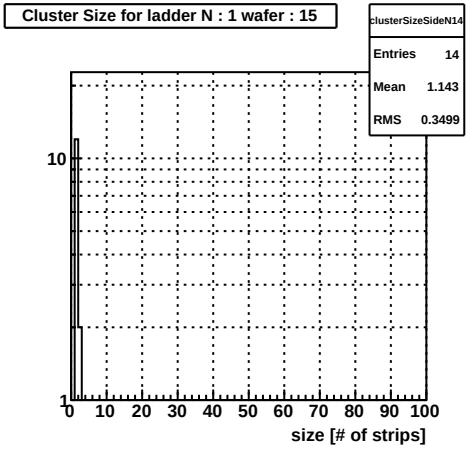

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 8
Mean 1
RMS 0
size [# of strips]

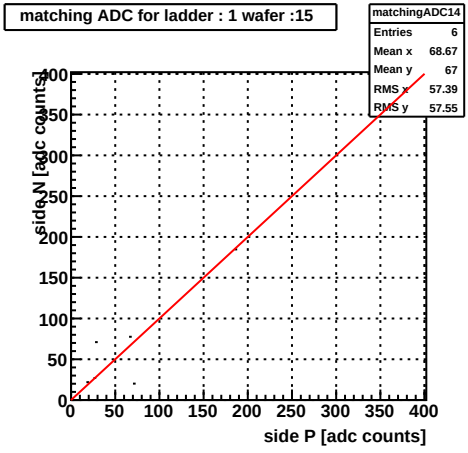

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

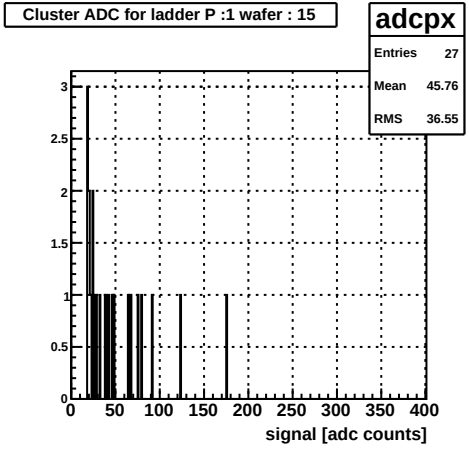

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 16
Mean 65.44
RMS 106.8
signal [adc counts]

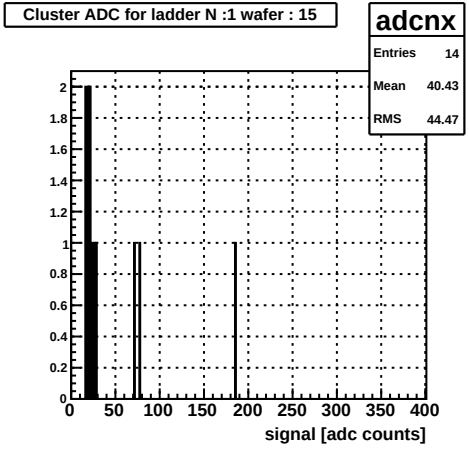

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 8
Mean 17.5
RMS 1.414
signal [adc counts]

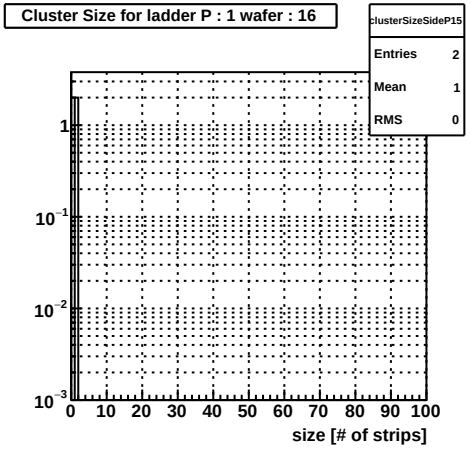

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 27
Mean 1.407
RMS 0.8282
size [# of strips]

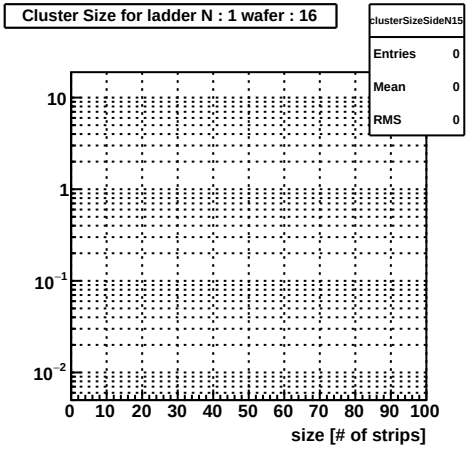

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 14
Mean 1.143
RMS 0.3499
size [# of strips]

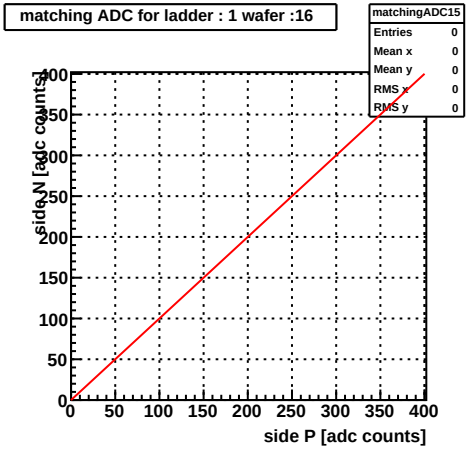

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6
Mean x 68.67
Mean y 67
RMS x 57.39
RMS y 57.55
side N [adc counts]
side P [adc counts]

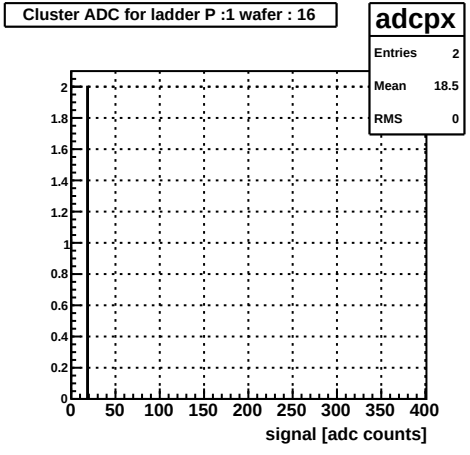

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 27
Mean 45.76
RMS 36.55
signal [adc counts]

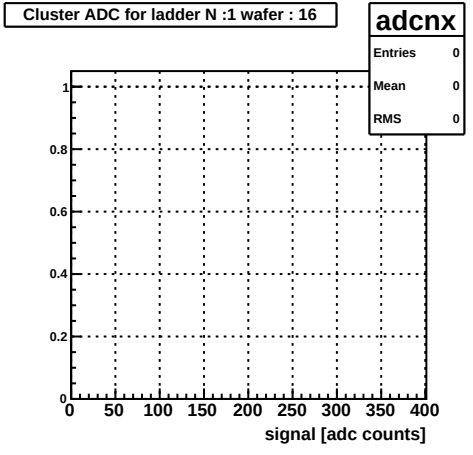

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 14
Mean 40.43
RMS 44.47
signal [adc counts]

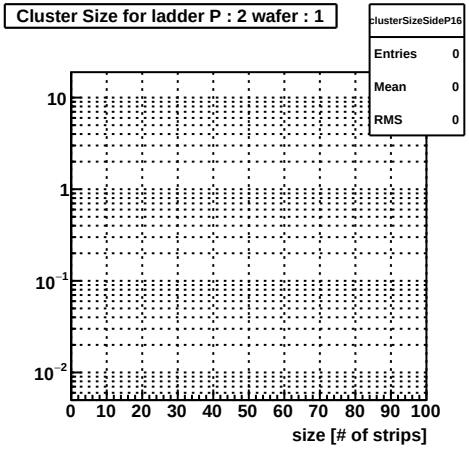

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2
Mean 1
RMS 0
size [# of strips]

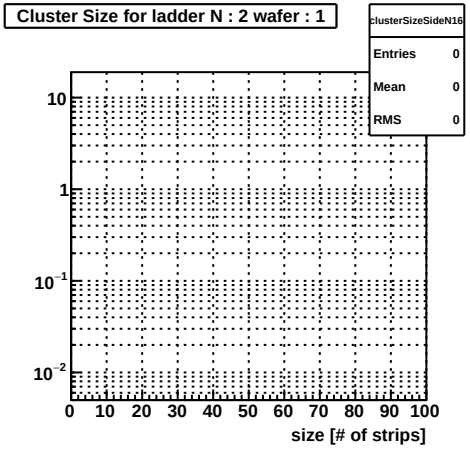

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 0
Mean 0
RMS 0
size [# of strips]

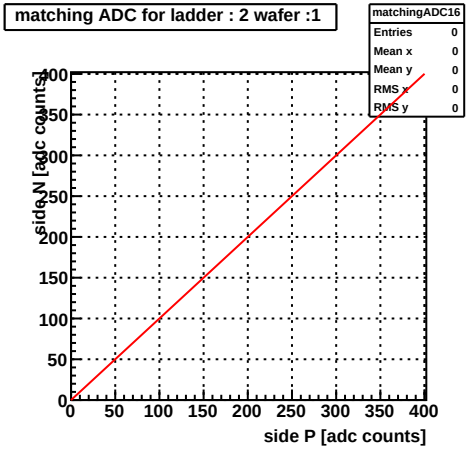

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

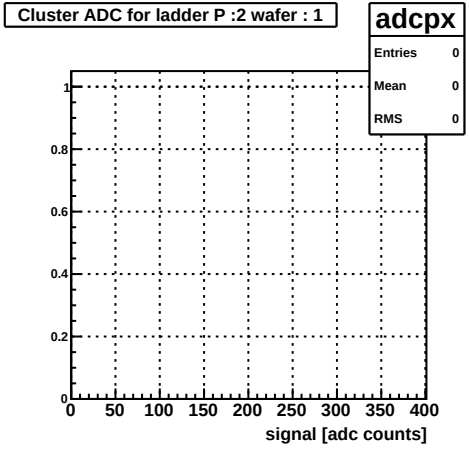

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2
Mean 18.5
RMS 0
signal [adc counts]

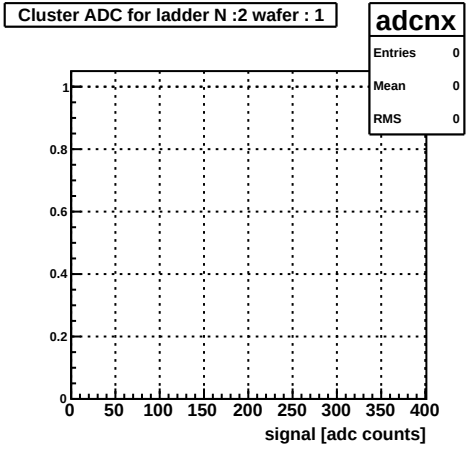

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

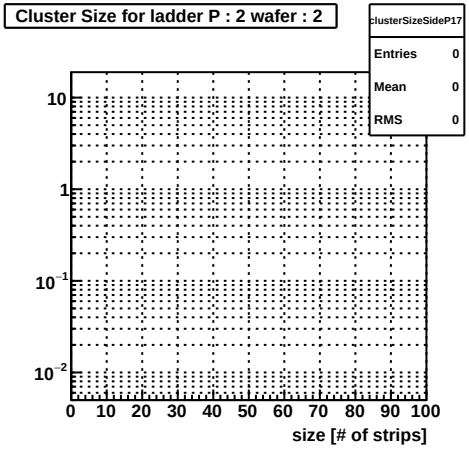

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

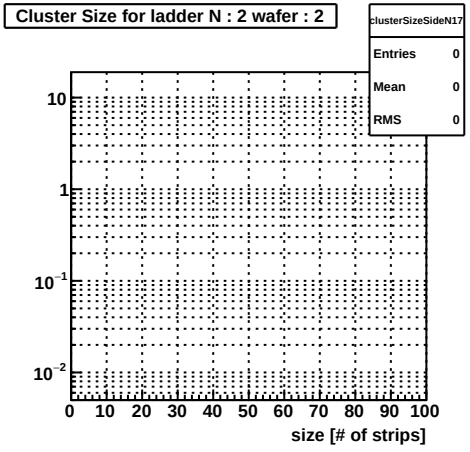

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

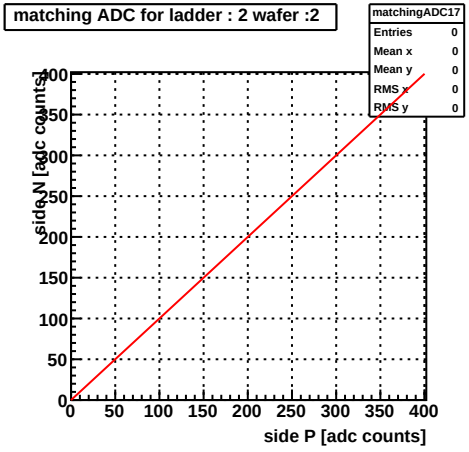

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

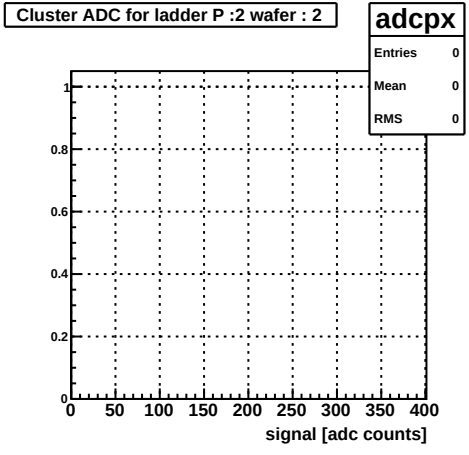

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

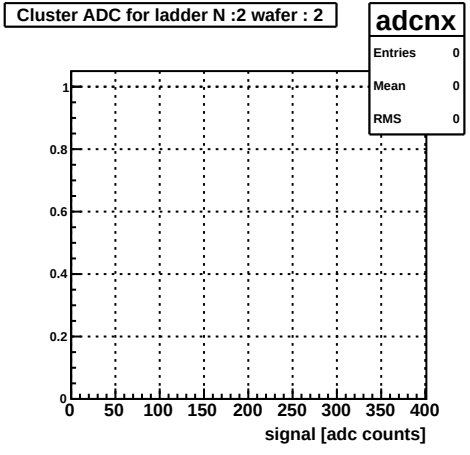

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

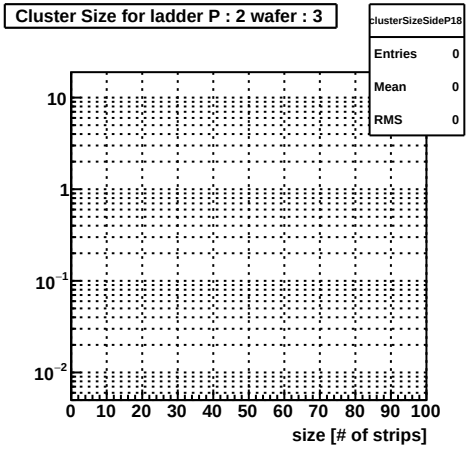

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

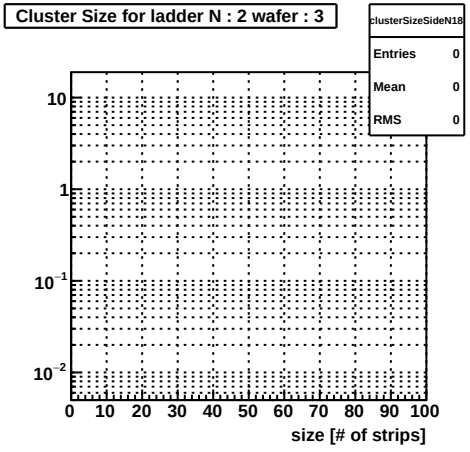

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

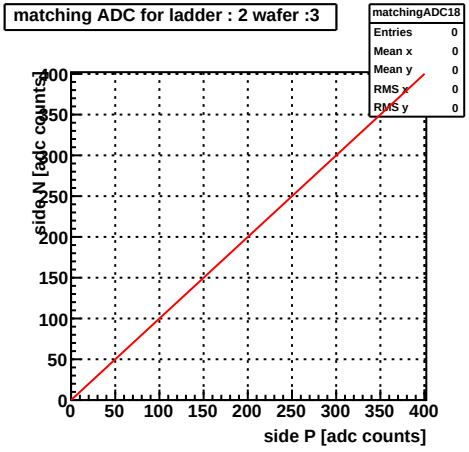

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

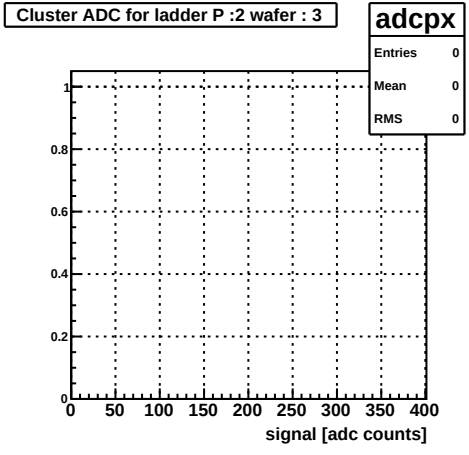

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

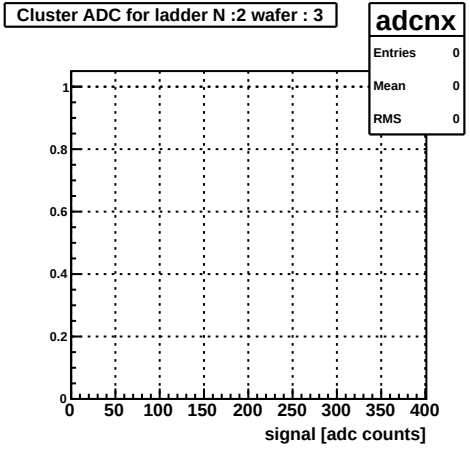

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

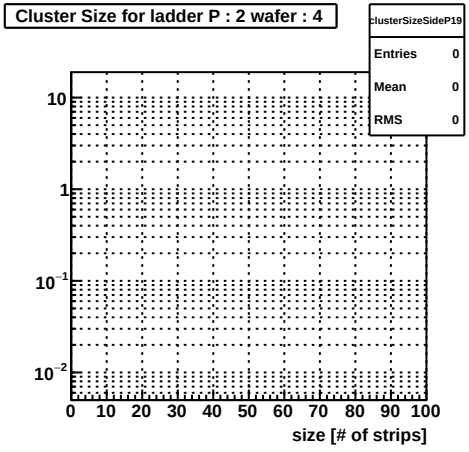

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

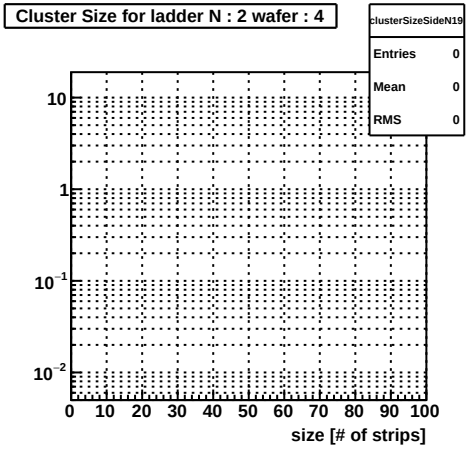

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

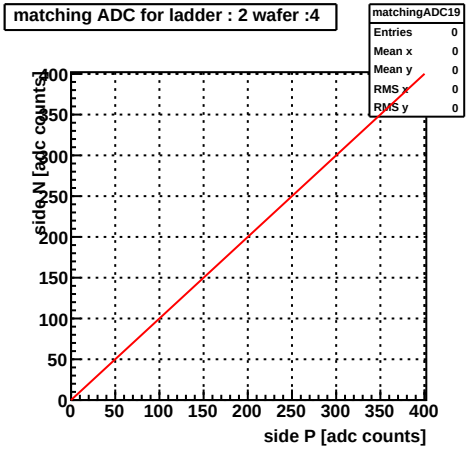

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

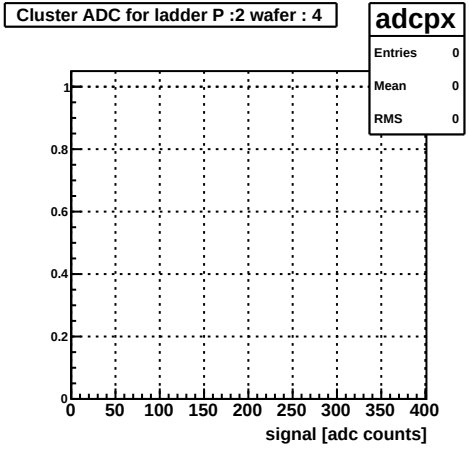

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

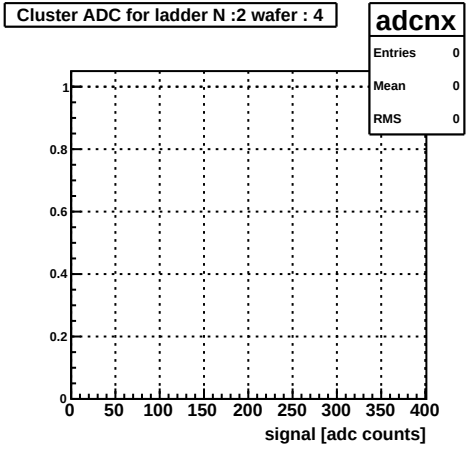

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

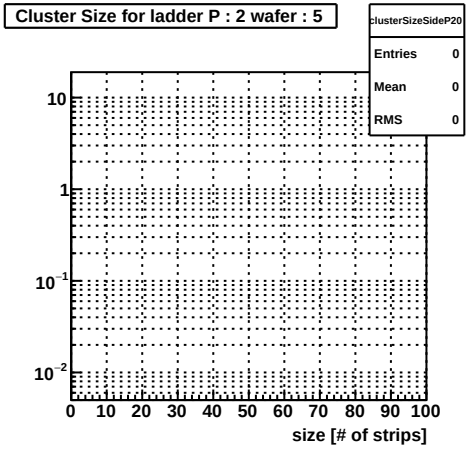

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

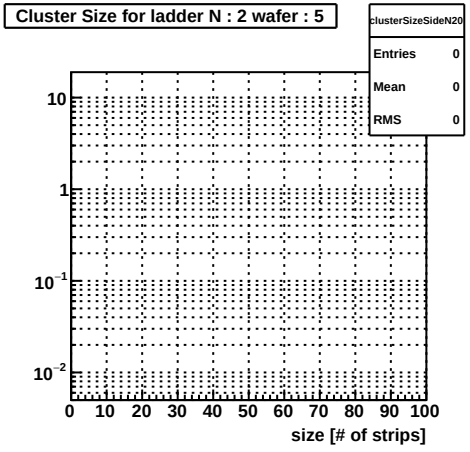

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

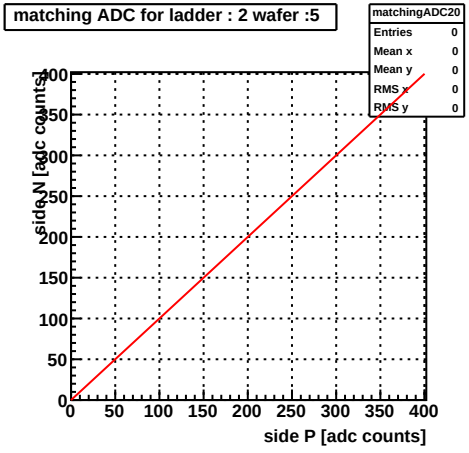

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

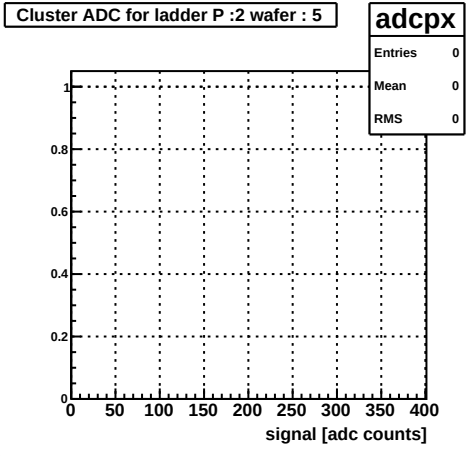

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

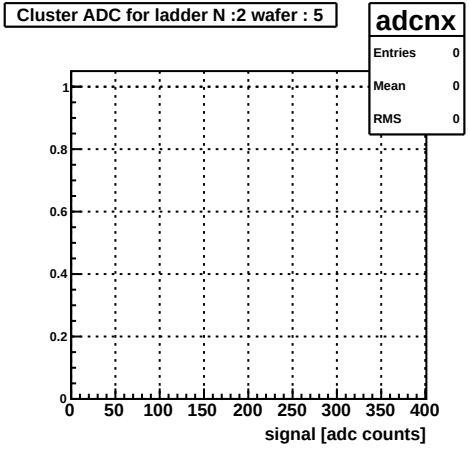

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

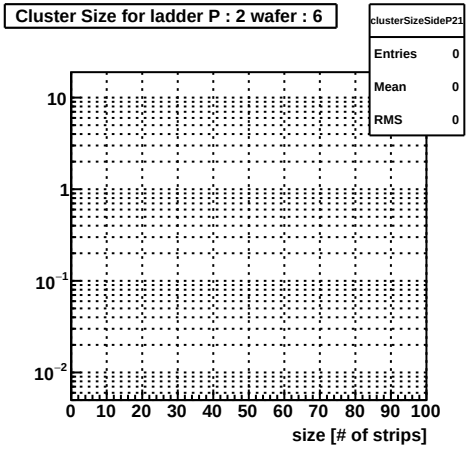

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

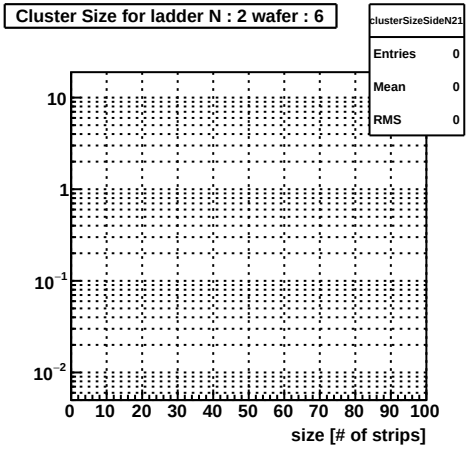

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

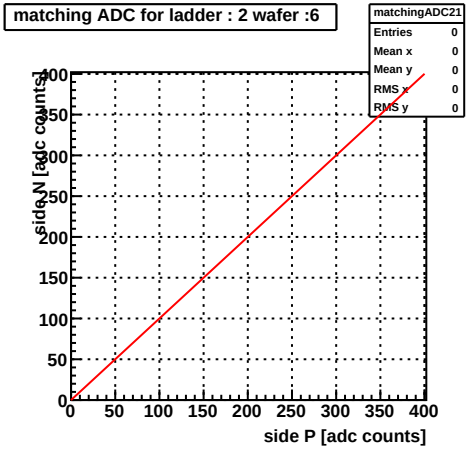

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

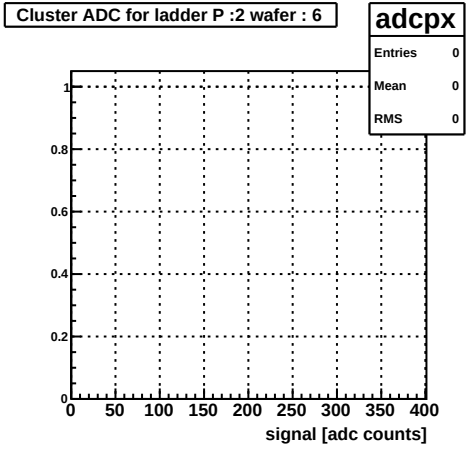

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

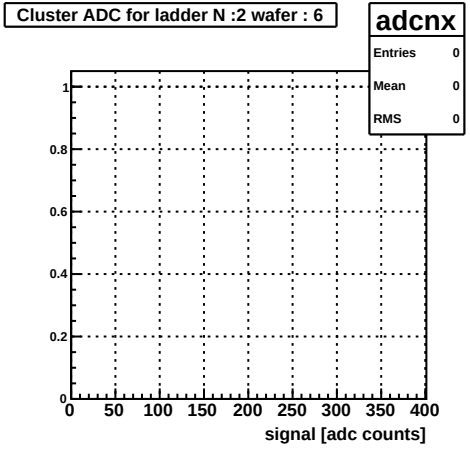

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

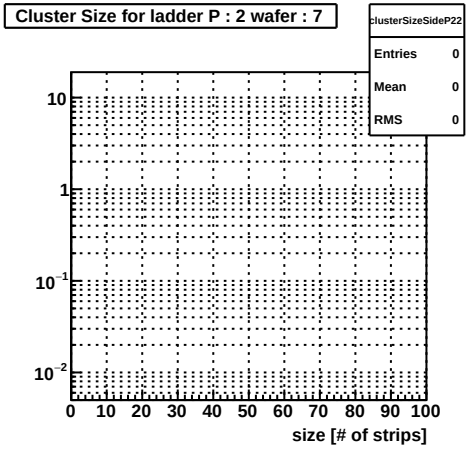

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

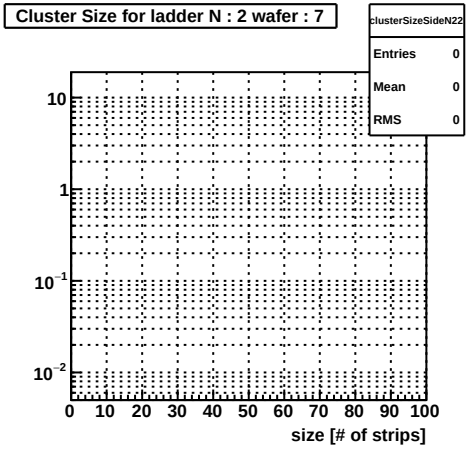

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

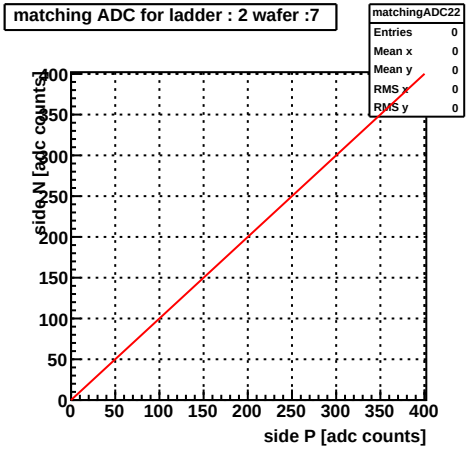

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

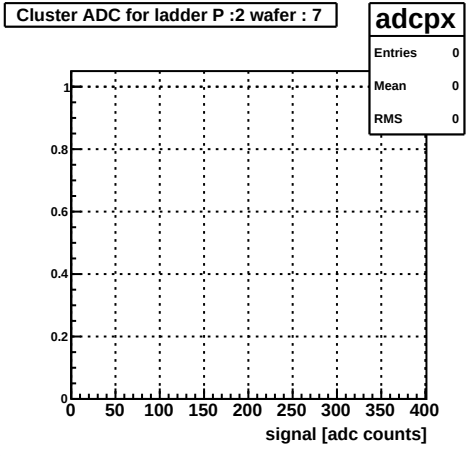

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

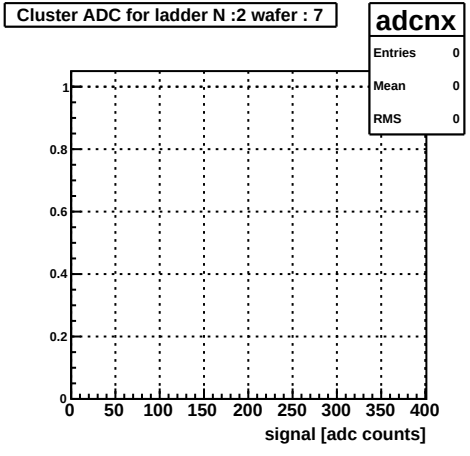

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

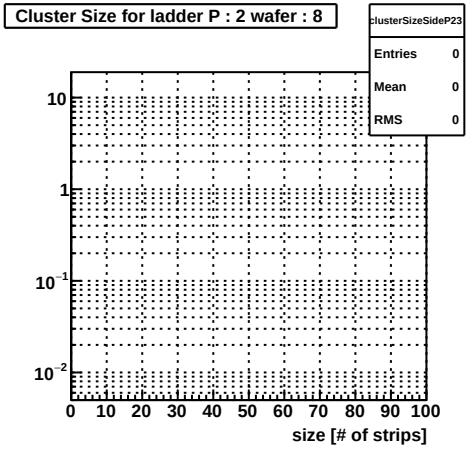

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

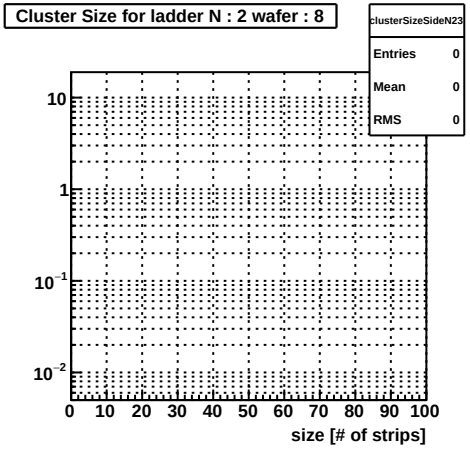

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

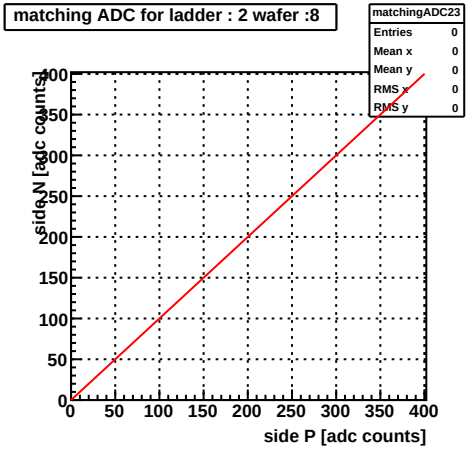

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

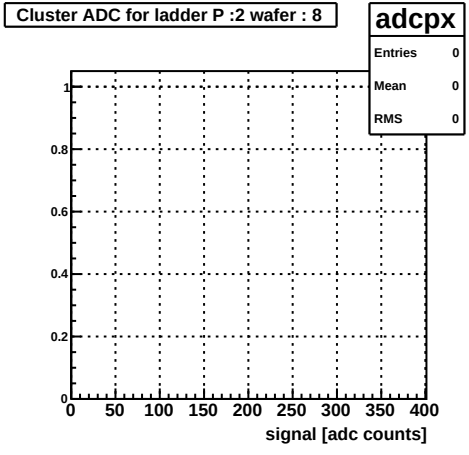

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

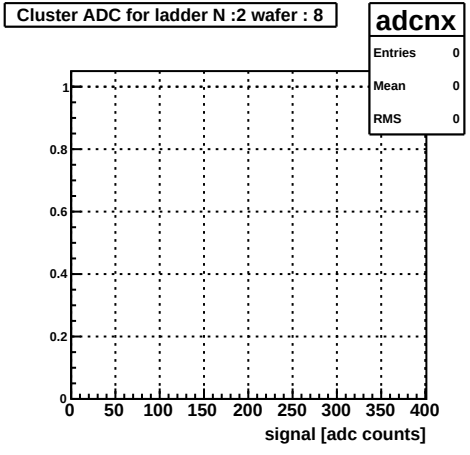

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

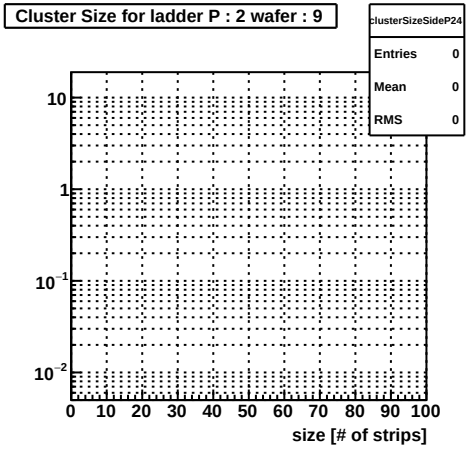

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

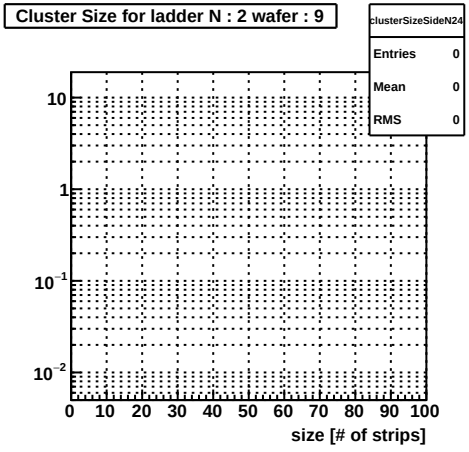

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

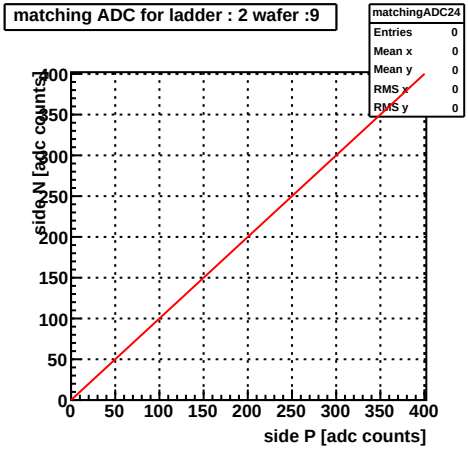

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

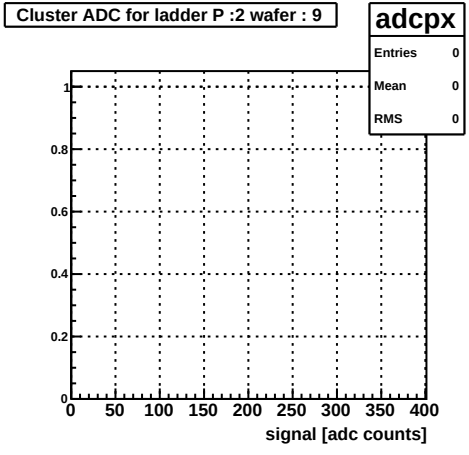

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

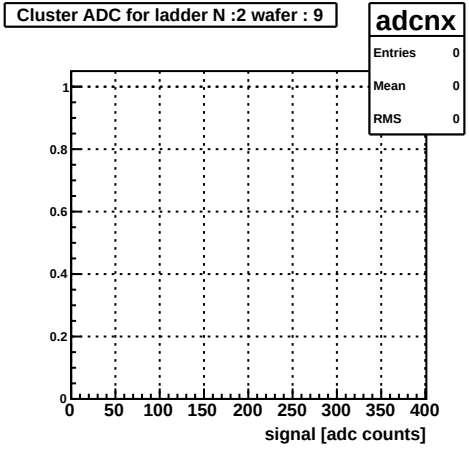

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

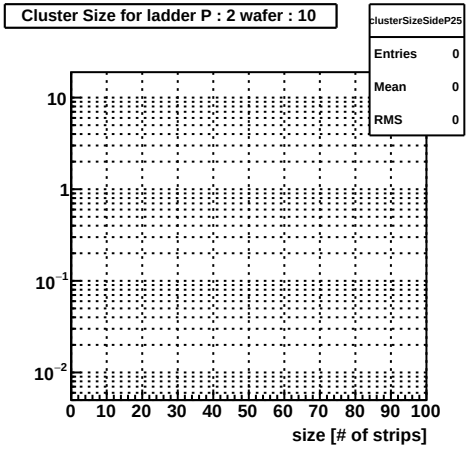

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

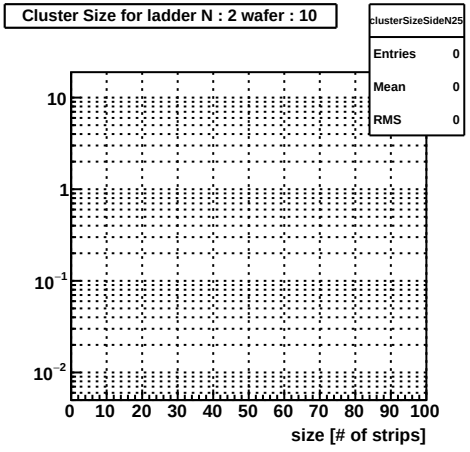

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

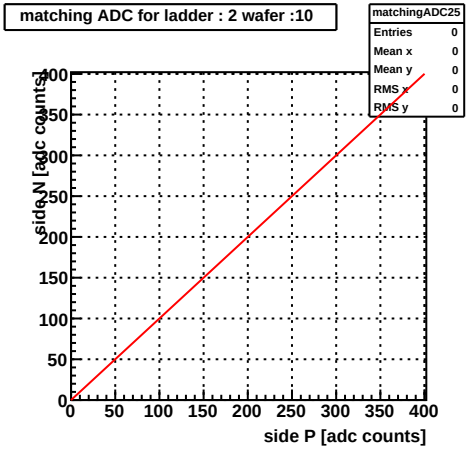

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

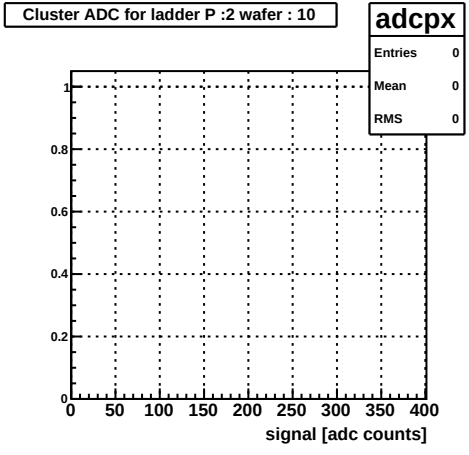

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

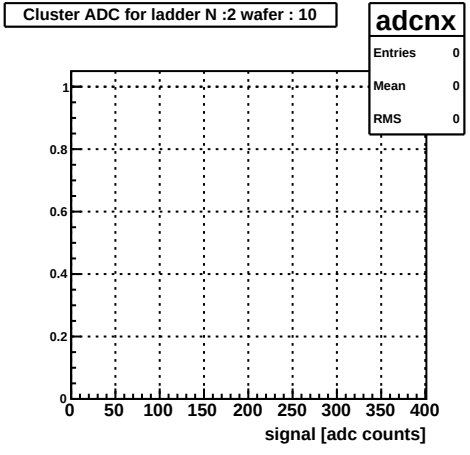

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

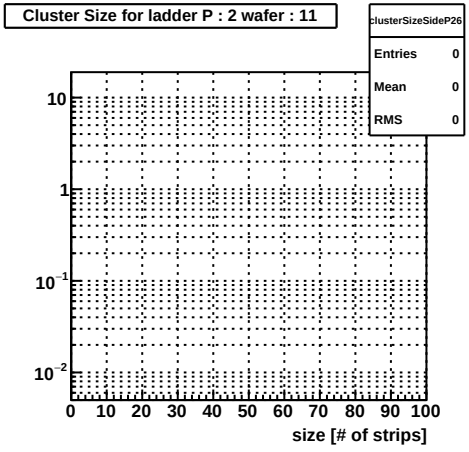

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

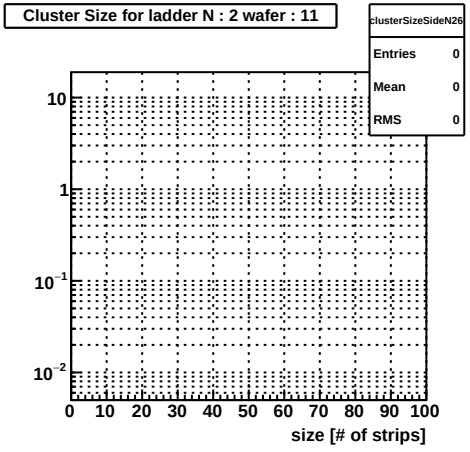

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

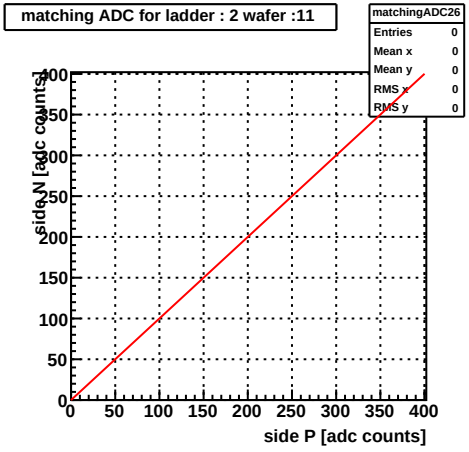

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

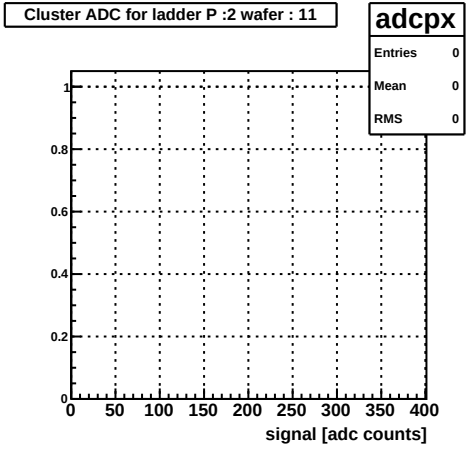

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

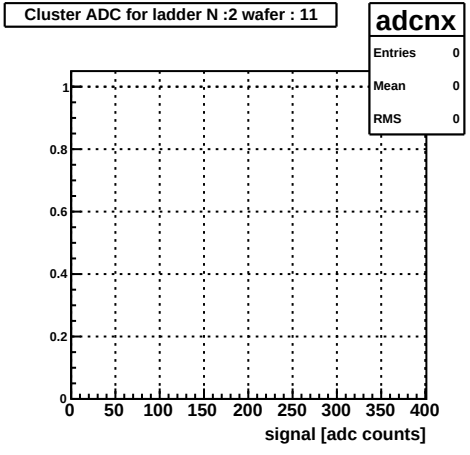

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

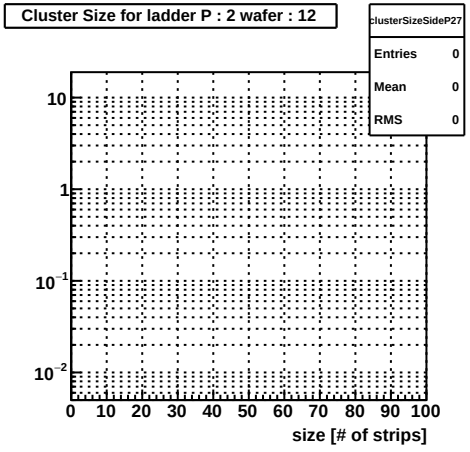

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

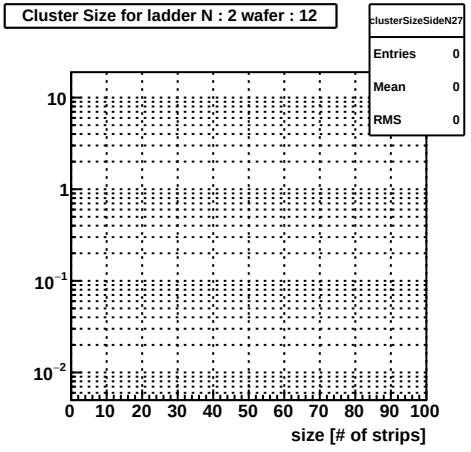

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

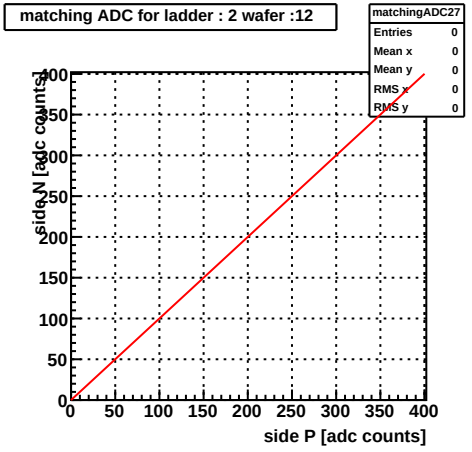

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

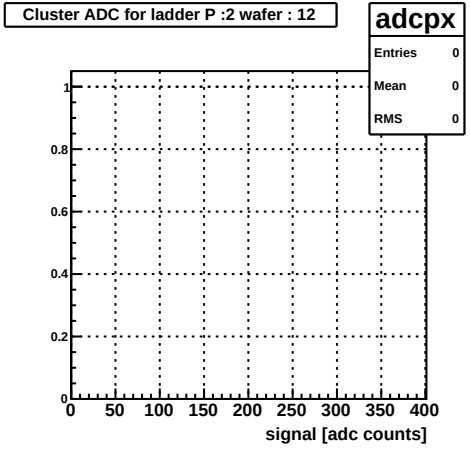

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

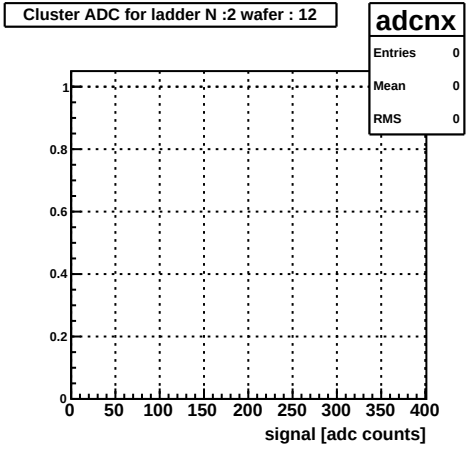

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

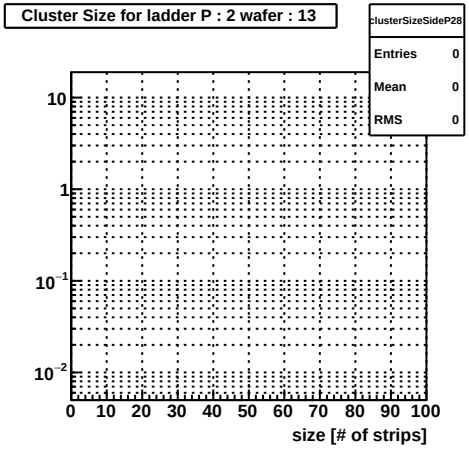

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

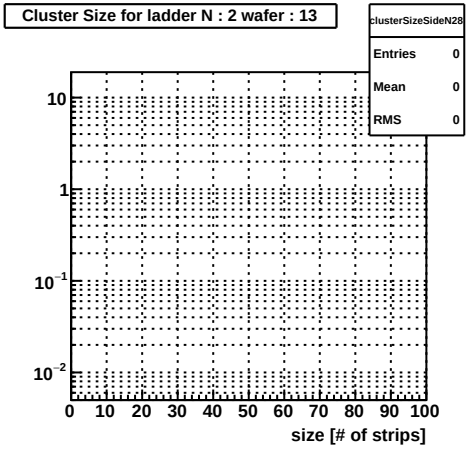

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

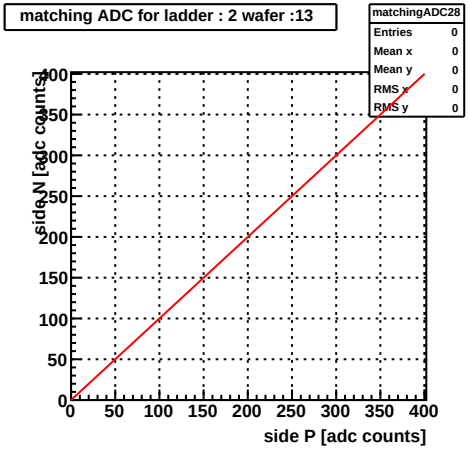

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

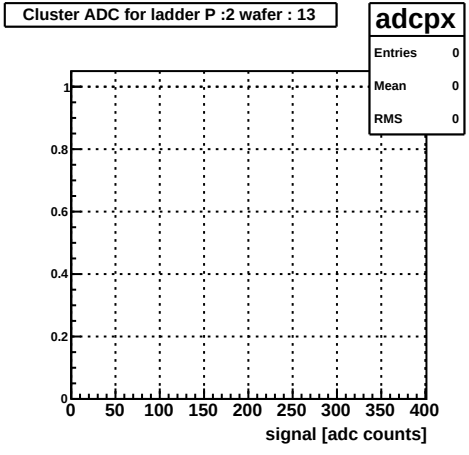

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

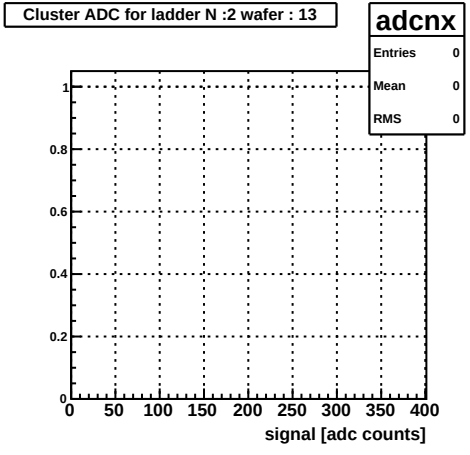

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

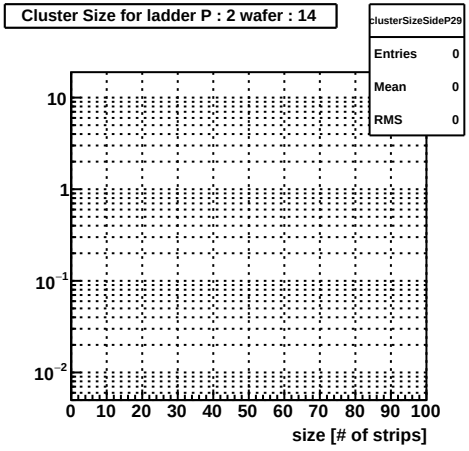

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

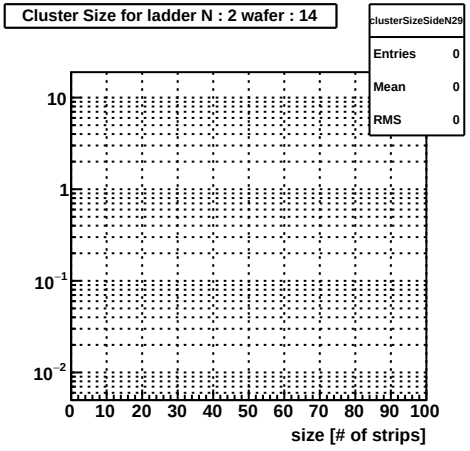

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

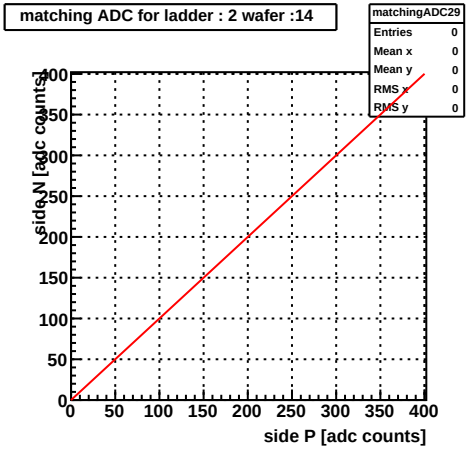

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

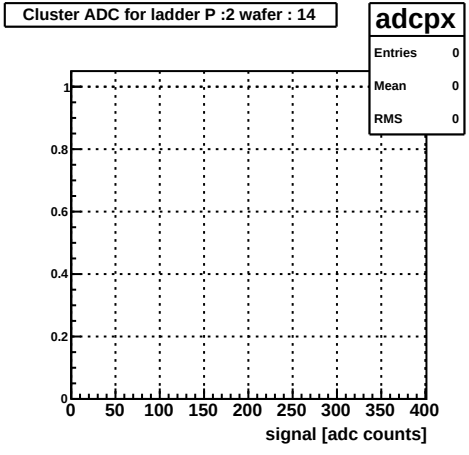

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

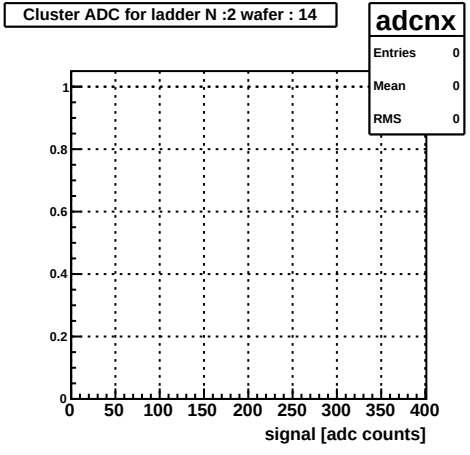

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

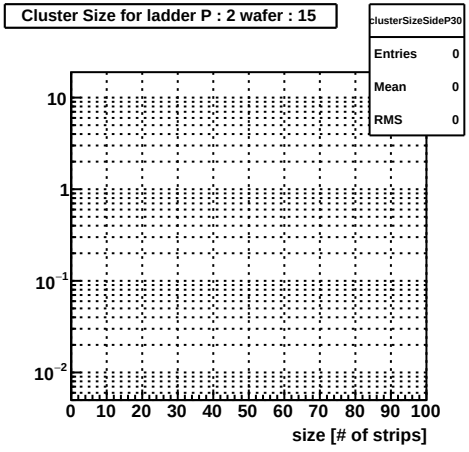

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

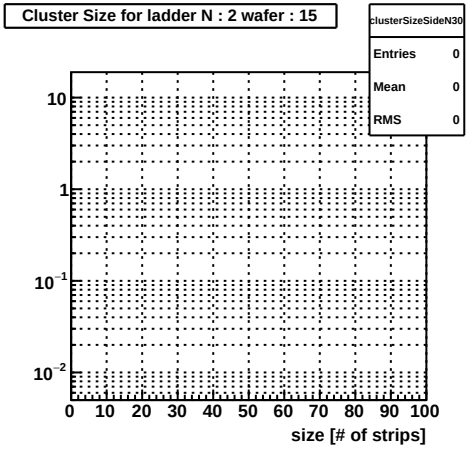

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

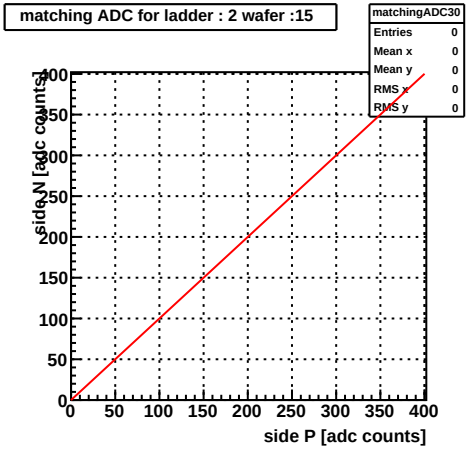

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

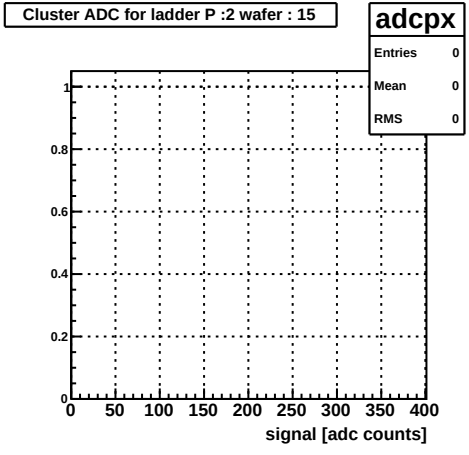

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

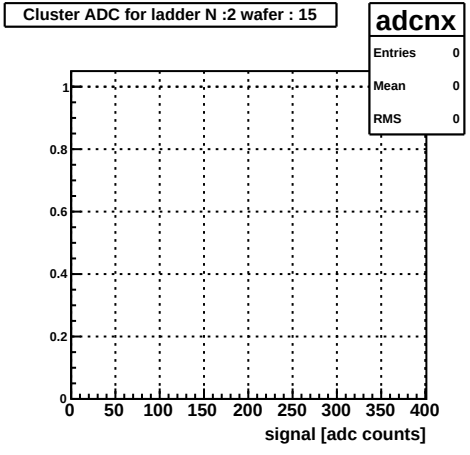

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

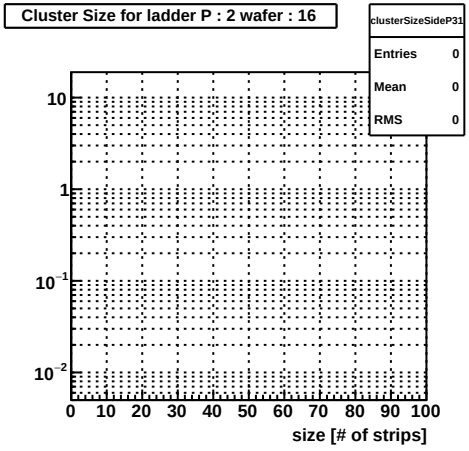

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

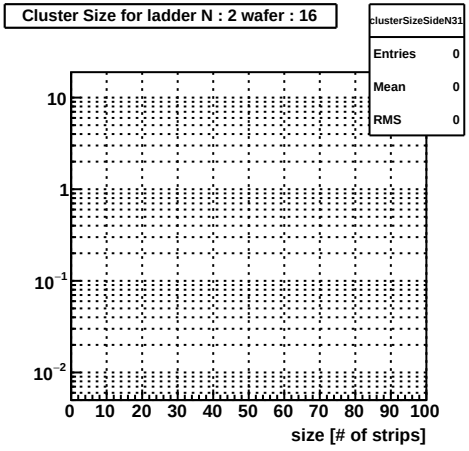

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

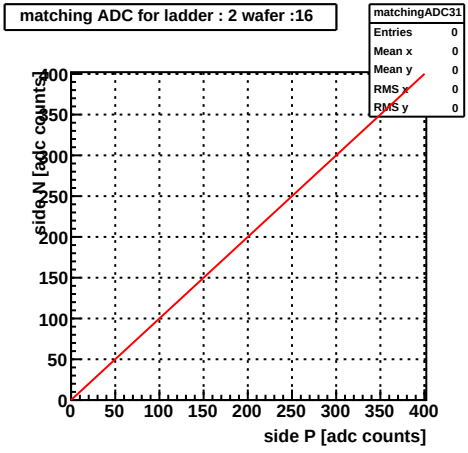

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

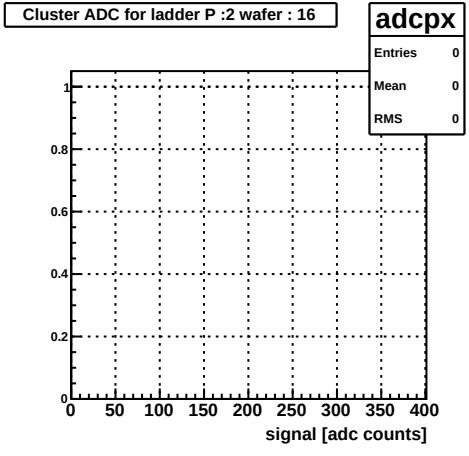

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

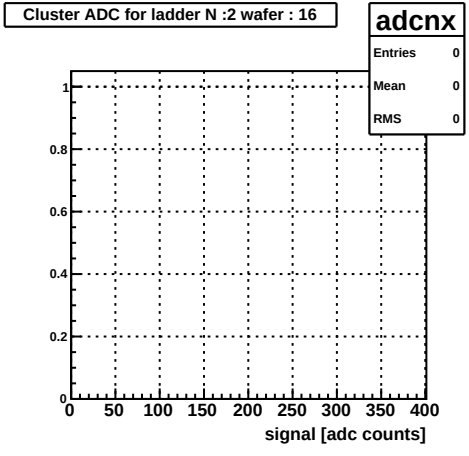

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

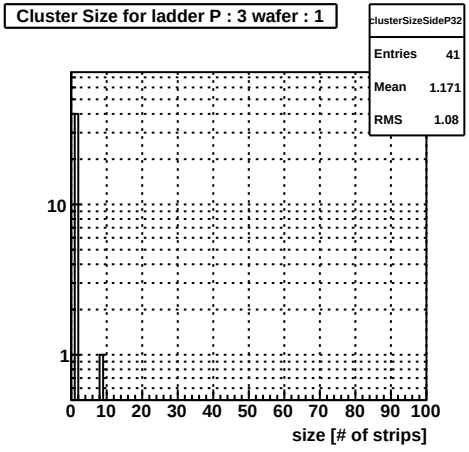

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

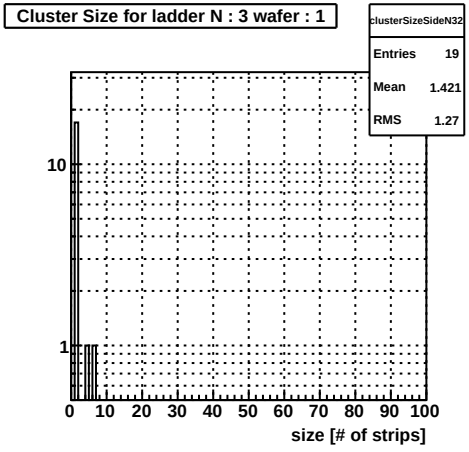

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

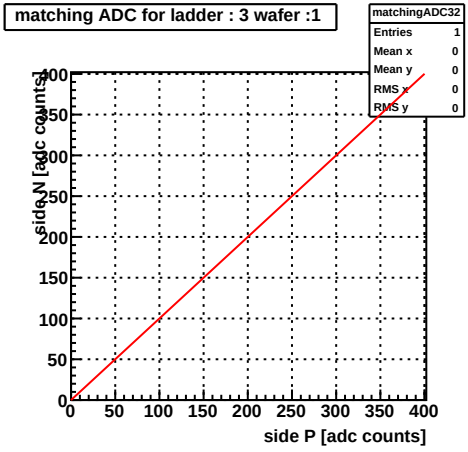

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

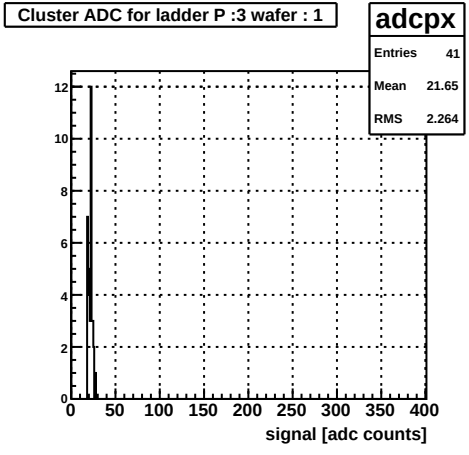

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

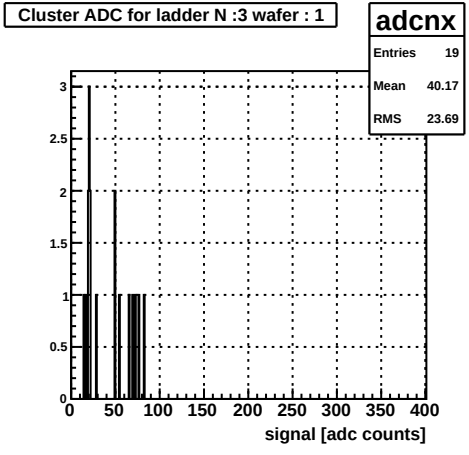

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

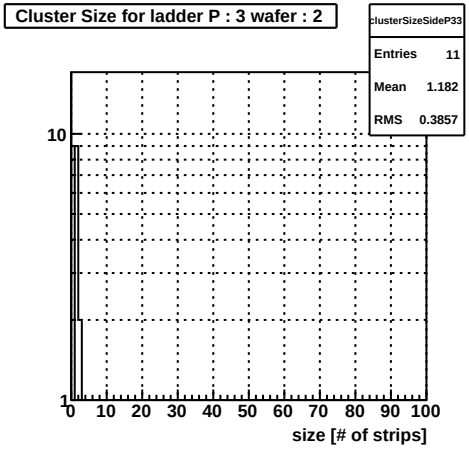

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 41
Mean 1.171
RMS 1.08
size [# of strips]

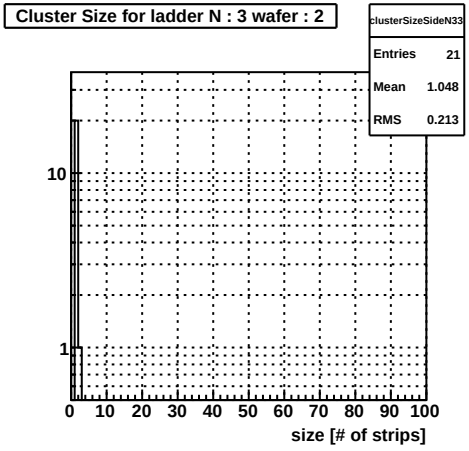

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 19
Mean 1.421
RMS 1.27
size [# of strips]

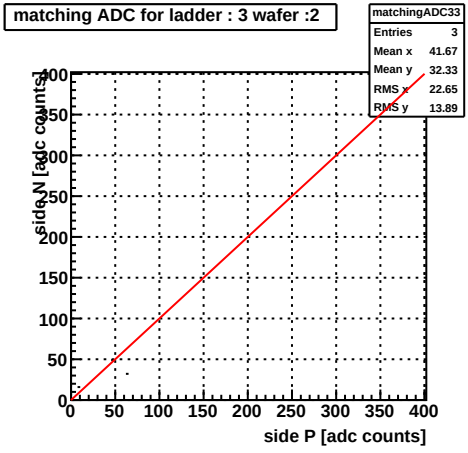

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

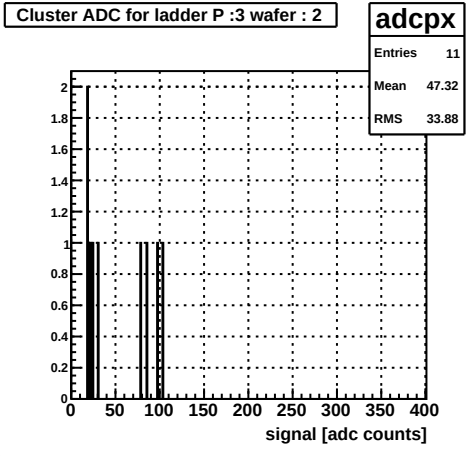

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 41
Mean 21.65
RMS 2.264
signal [adc counts]

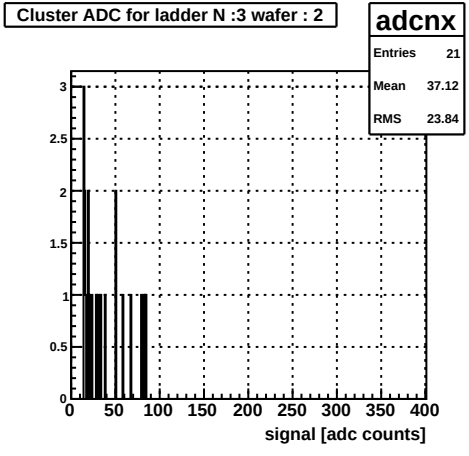

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 19
Mean 40.17
RMS 23.69
signal [adc counts]

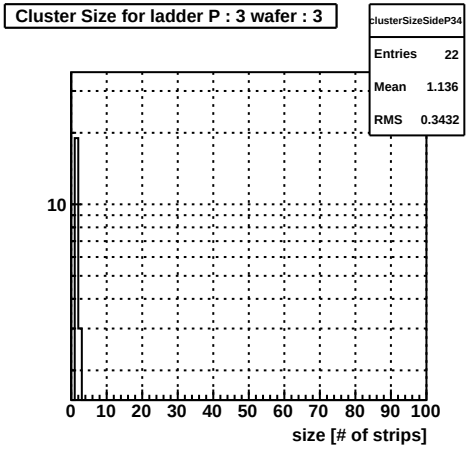

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 11
Mean 1.182
RMS 0.3857
size [# of strips]

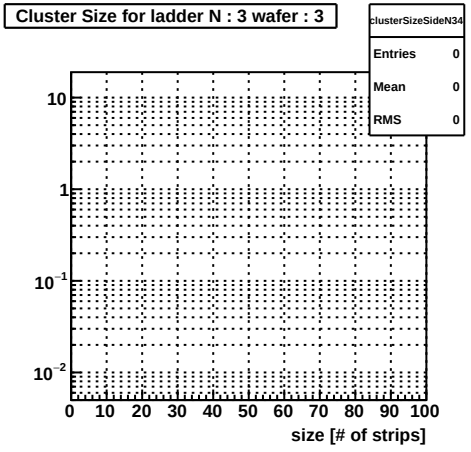

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

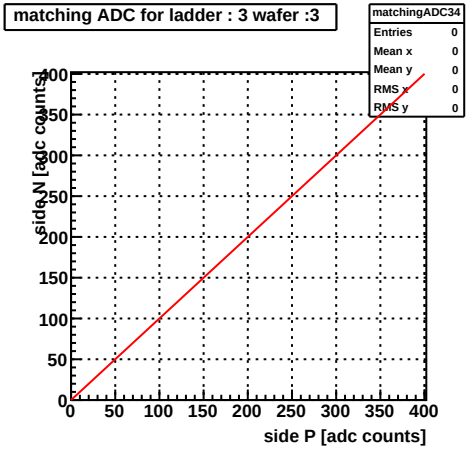

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 3
Mean x 41.67
Mean y 32.33
RMS x 22.65
RMS y 13.89
side N [adc counts]
side P [adc counts]

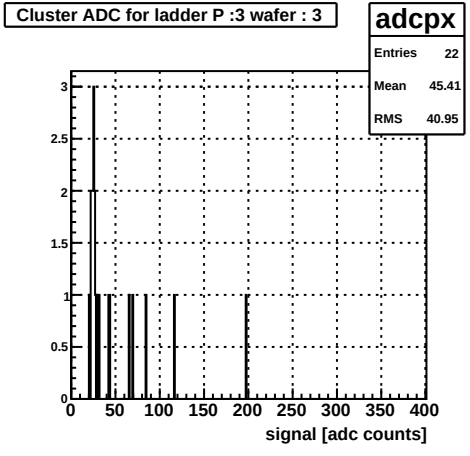

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 11
Mean 47.32
RMS 33.88
signal [adc counts]

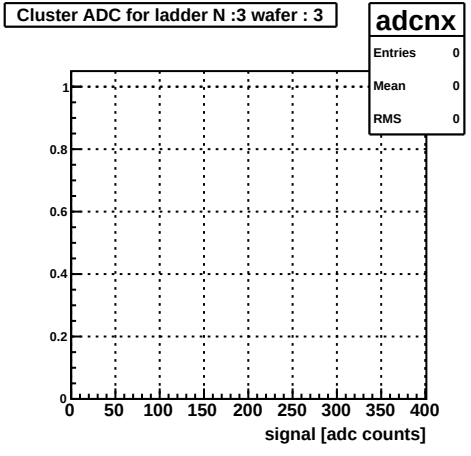

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 21
Mean 37.12
RMS 23.84
signal [adc counts]

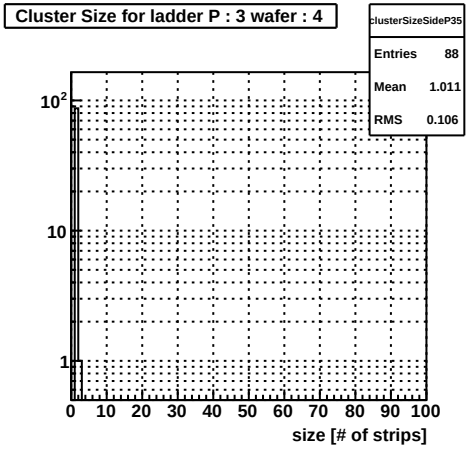

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 22
Mean 1.136
RMS 0.3432
size [# of strips]

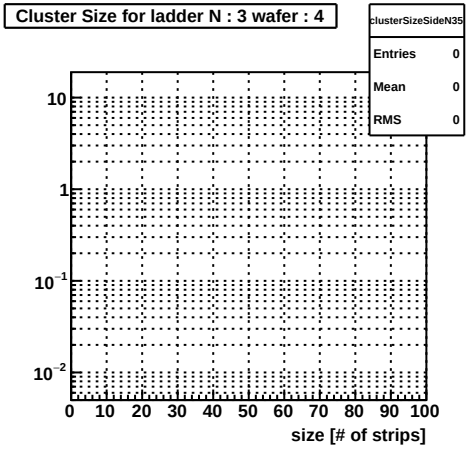

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

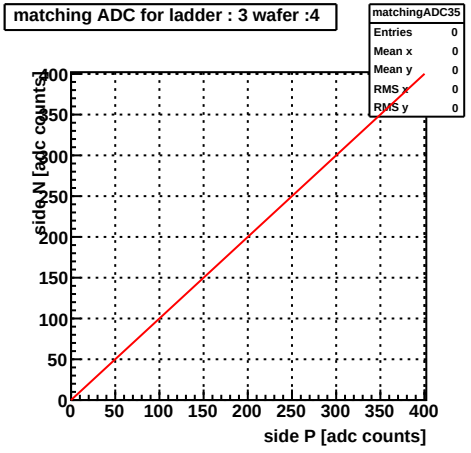

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

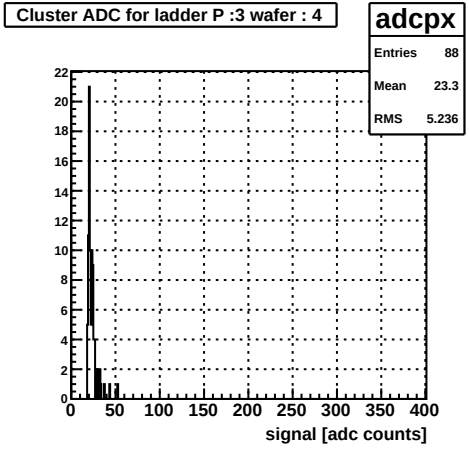

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 22
Mean 45.41
RMS 40.95
signal [adc counts]

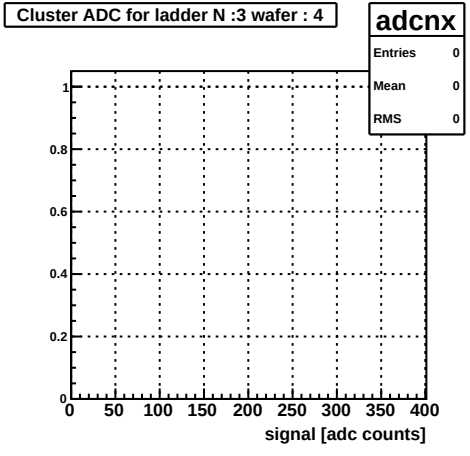

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

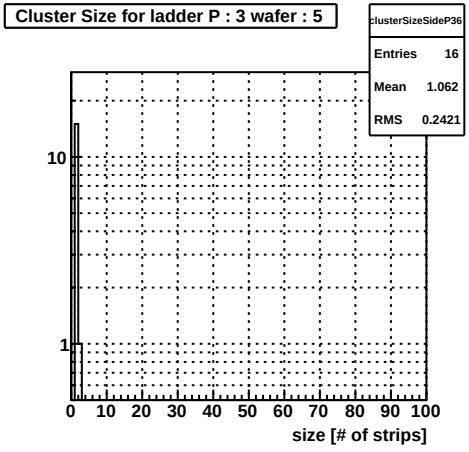

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 88
Mean 1.011
RMS 0.106
size [# of strips]

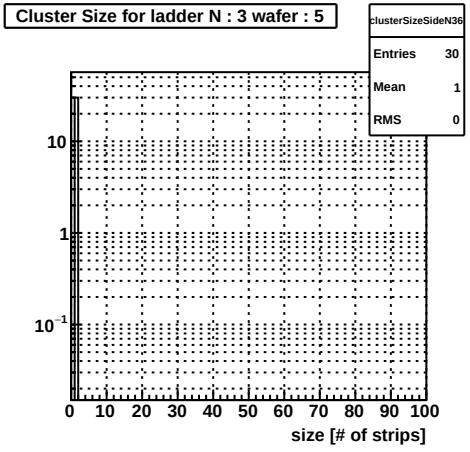

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

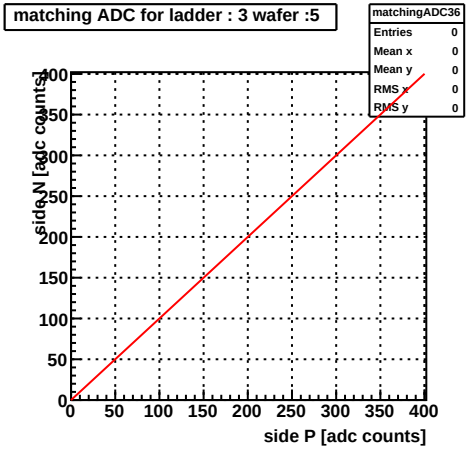

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

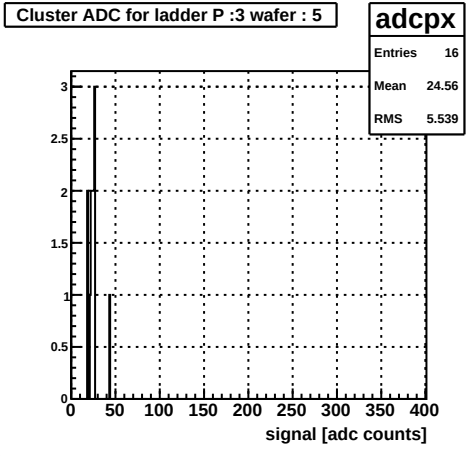

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 88
Mean 23.3
RMS 5.236
signal [adc counts]

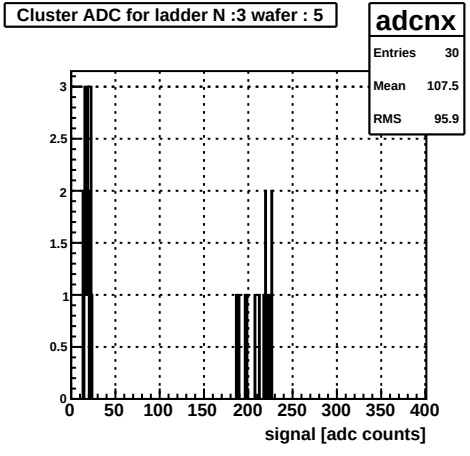

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

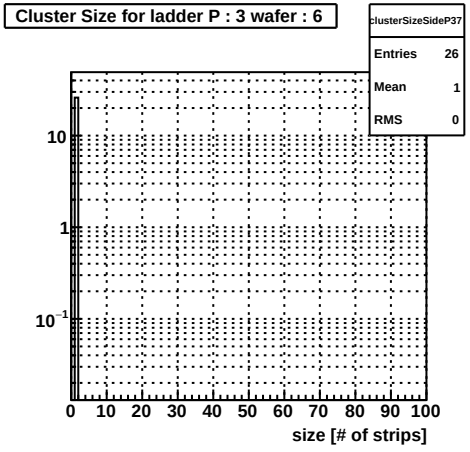

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

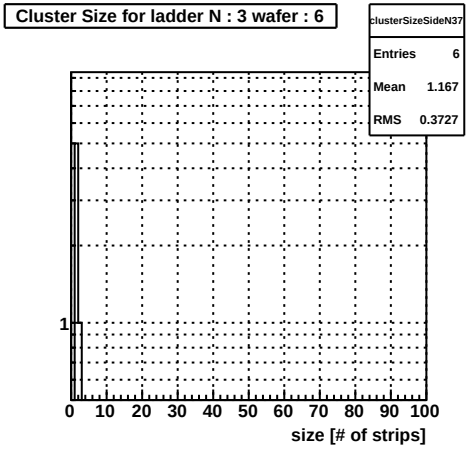

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 30
Mean 1
RMS 0
size [# of strips]

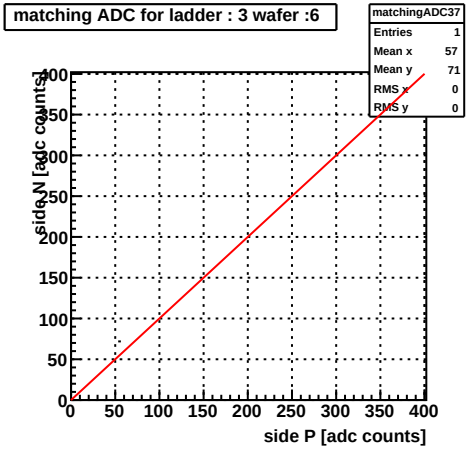

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

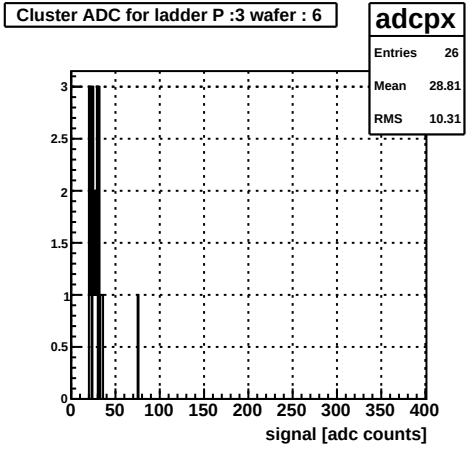

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 16
Mean 24.56
RMS 5.539
signal [adc counts]

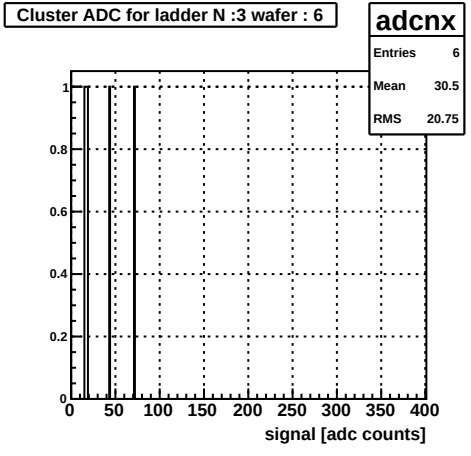

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 30
Mean 107.5
RMS 95.9
signal [adc counts]

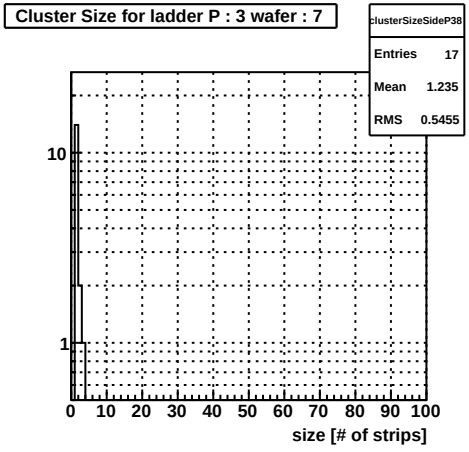

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 26
Mean 1
RMS 0
size [# of strips]

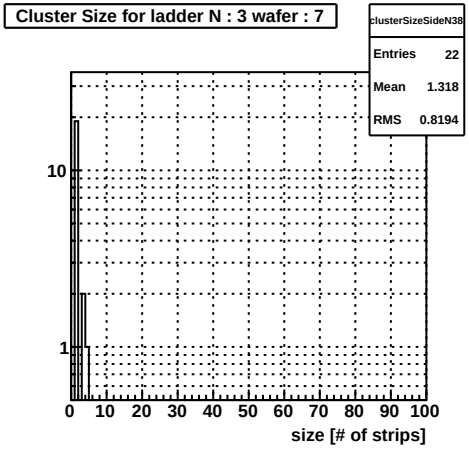

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

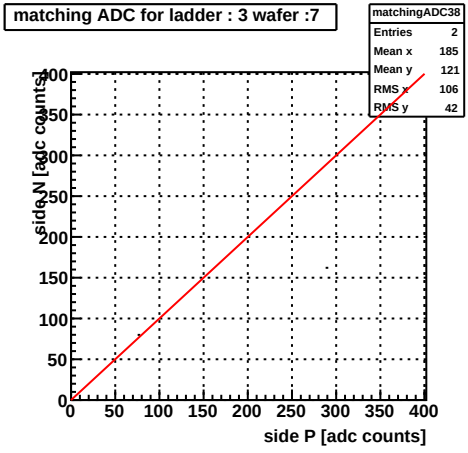

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1
Mean x 57
Mean y 71
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

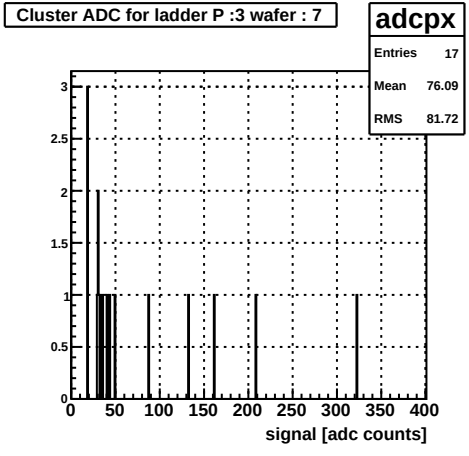

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 26
Mean 28.81
RMS 10.31
signal [adc counts]

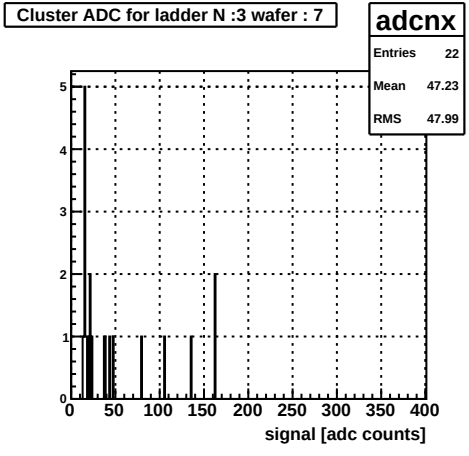

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 6
Mean 30.5
RMS 20.75
signal [adc counts]

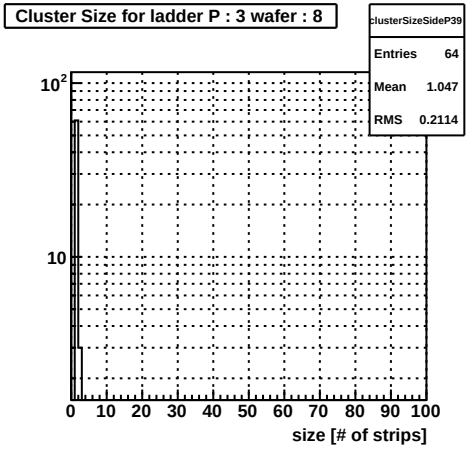

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17
Mean 1.235
RMS 0.5455
size [# of strips]

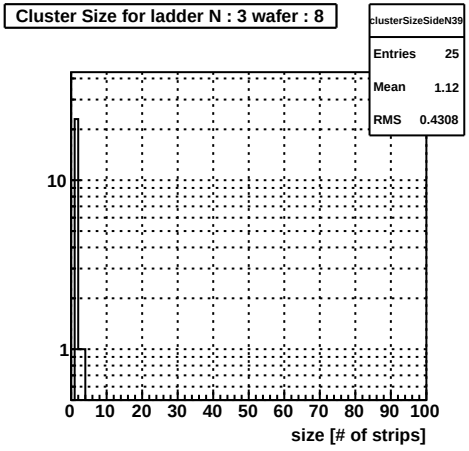

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 22
Mean 1.318
RMS 0.8194
size [# of strips]

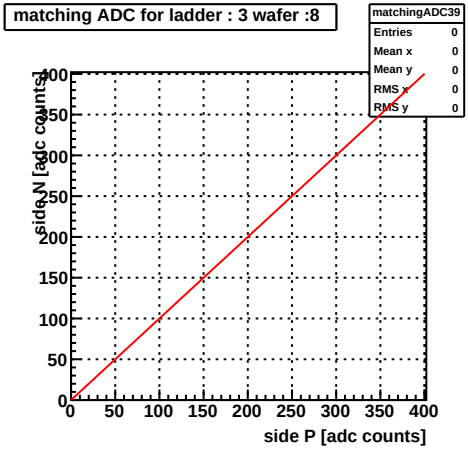

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 2
Mean x 185
Mean y 121
RMS x 106
RMS y 42
side N [adc counts]
side P [adc counts]

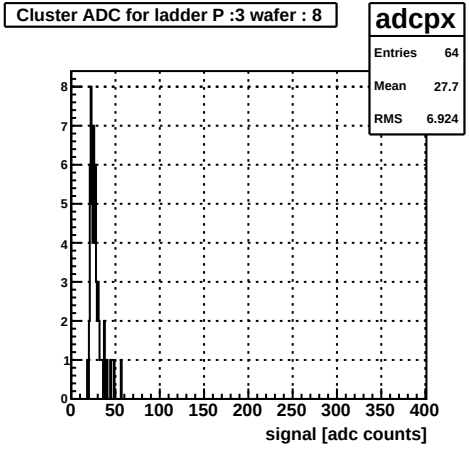

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17
Mean 76.09
RMS 81.72
signal [adc counts]

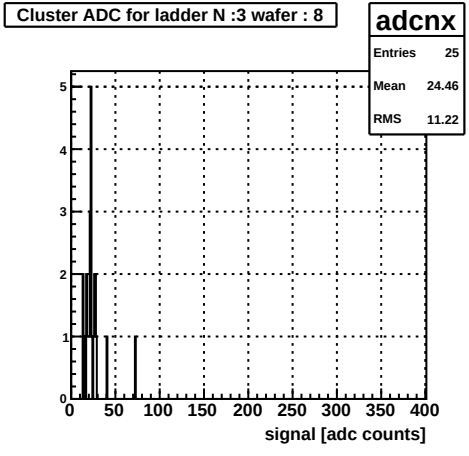

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 22
Mean 47.23
RMS 47.99
signal [adc counts]

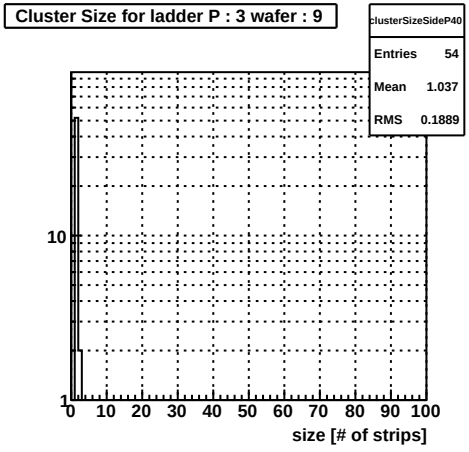

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 64
Mean 1.047
RMS 0.2114
size [# of strips]

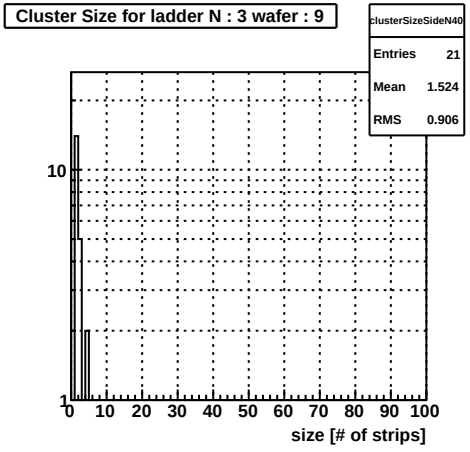

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 25
Mean 1.12
RMS 0.4308
size [# of strips]

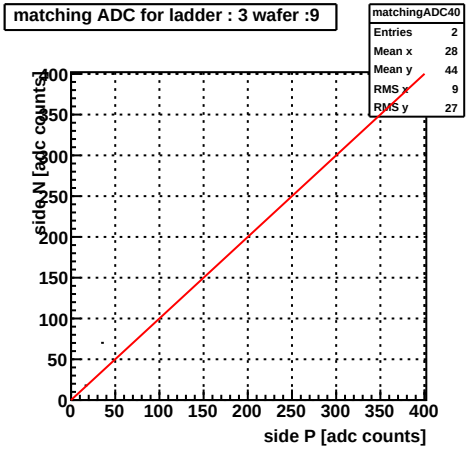

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

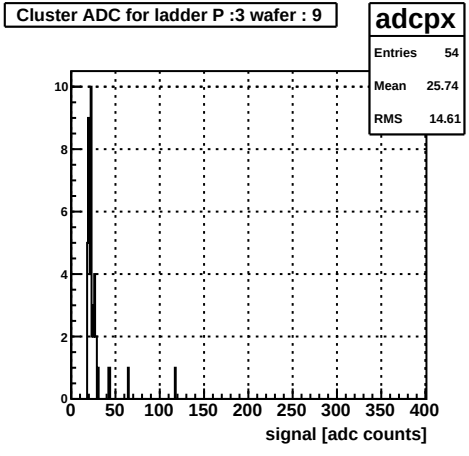

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 64
Mean 27.7
RMS 6.924
signal [adc counts]

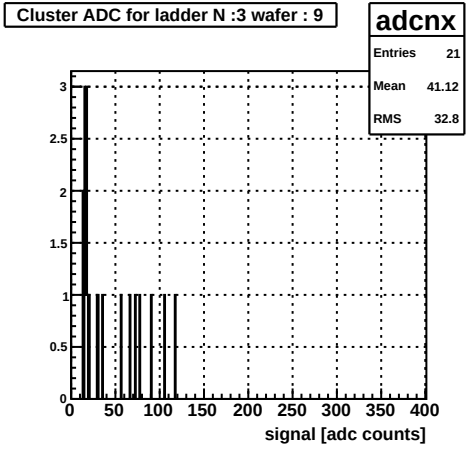

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 25
Mean 24.46
RMS 11.22
signal [adc counts]

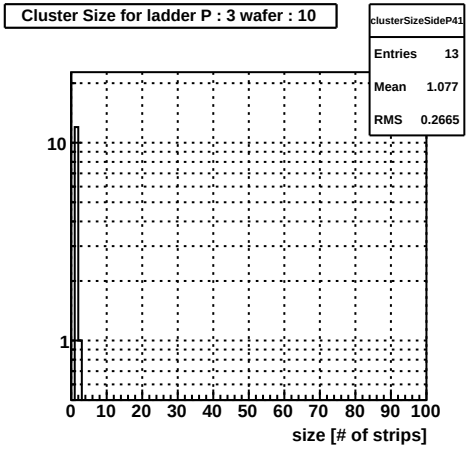

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 54
Mean 1.037
RMS 0.1889
size [# of strips]

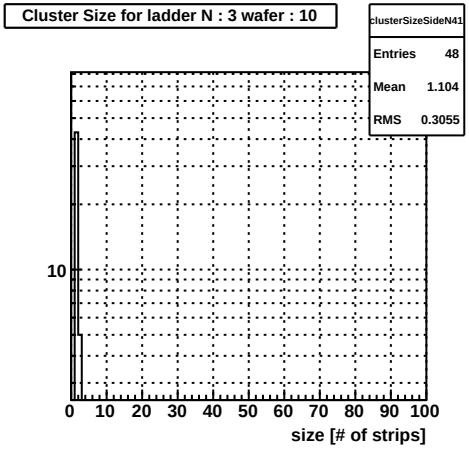

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 21
Mean 1.524
RMS 0.906
size [# of strips]

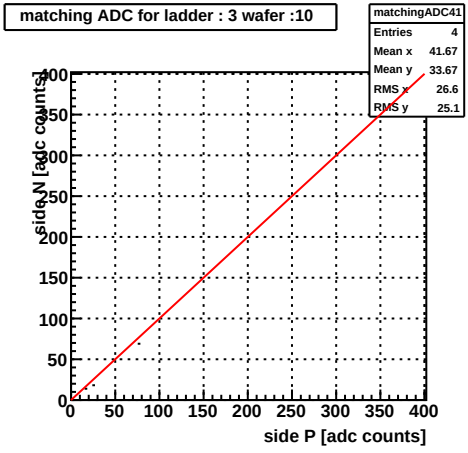

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 2
Mean x 28
Mean y 44
RMS x 9
RMS y 27
side N [adc counts]
side P [adc counts]

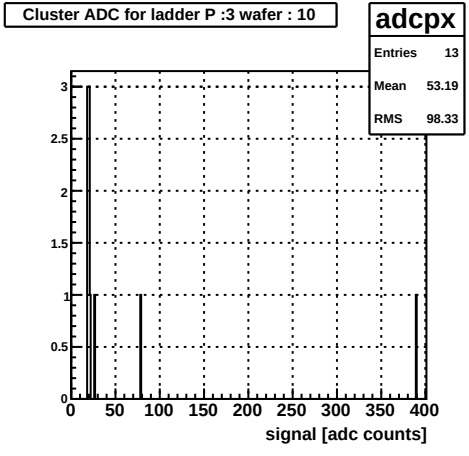

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 54
Mean 25.74
RMS 14.61
signal [adc counts]

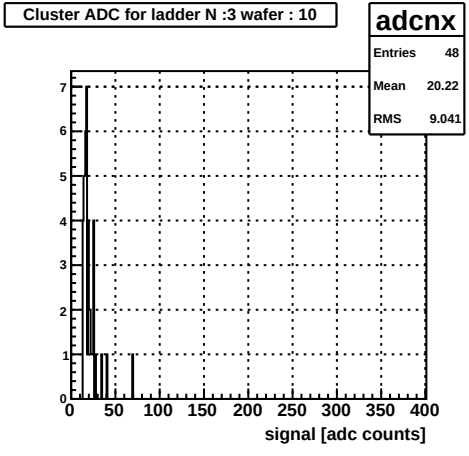

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 21
Mean 41.12
RMS 32.8
signal [adc counts]

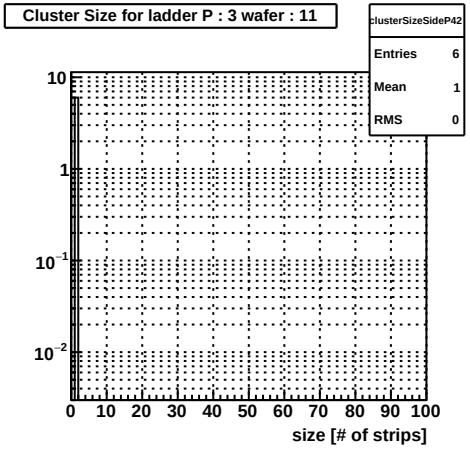

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

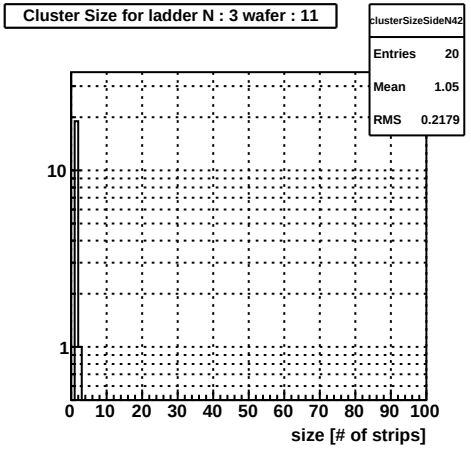

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 48
Mean 1.104
RMS 0.3055
size [# of strips]

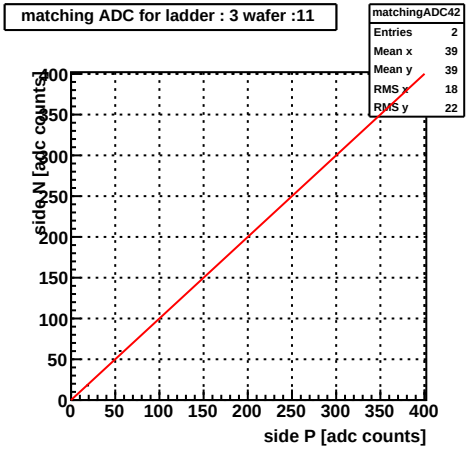

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 4
Mean x 41.67
Mean y 33.67
RMS x 26.6
RMS y 25.1
side N [adc counts]
side P [adc counts]

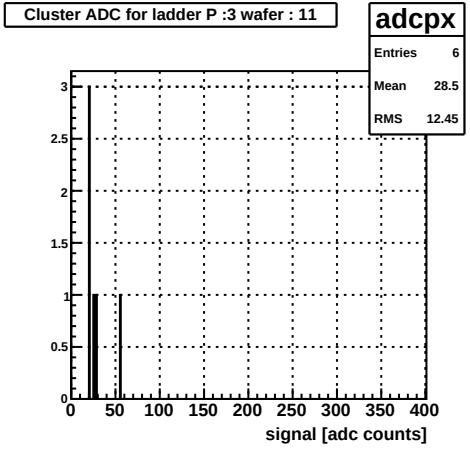

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 13
Mean 53.19
RMS 98.33
signal [adc counts]

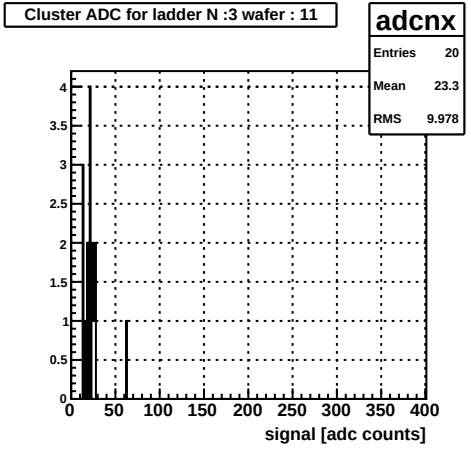

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 48
Mean 20.22
RMS 9.041
signal [adc counts]

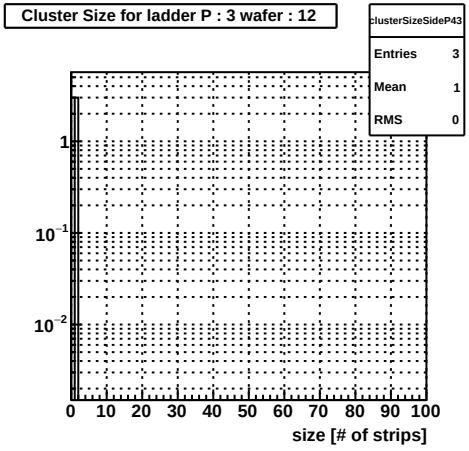

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 6
Mean 1
RMS 0
size [# of strips]

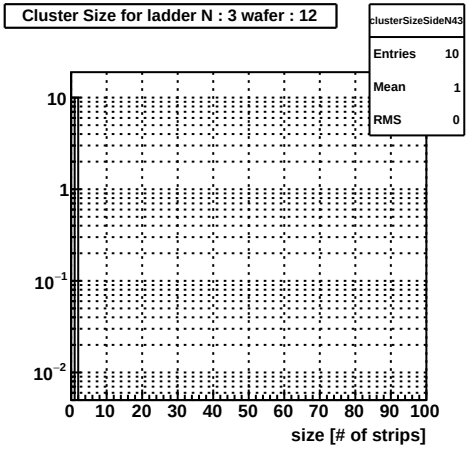

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

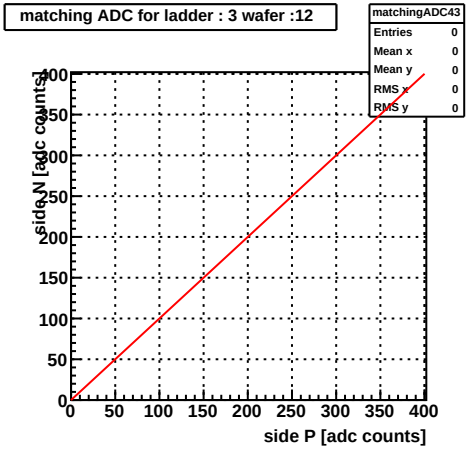

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 2
Mean x 39
Mean y 39
RMS x 18
RMS y 22
side N [adc counts]
side P [adc counts]

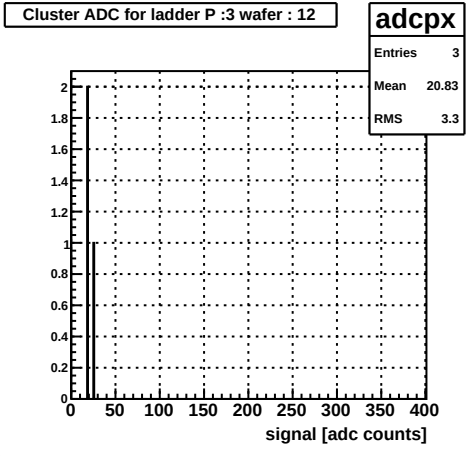

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 6
Mean 28.5
RMS 12.45
signal [adc counts]

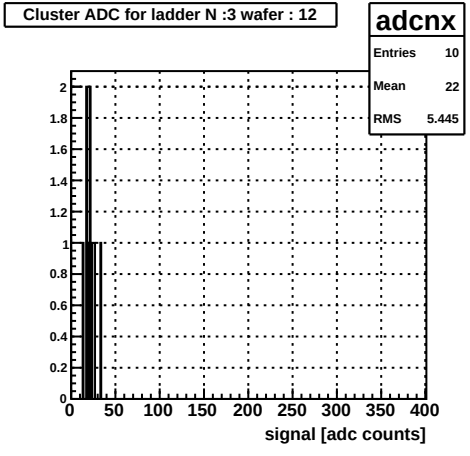

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 20
Mean 23.3
RMS 9.978
signal [adc counts]

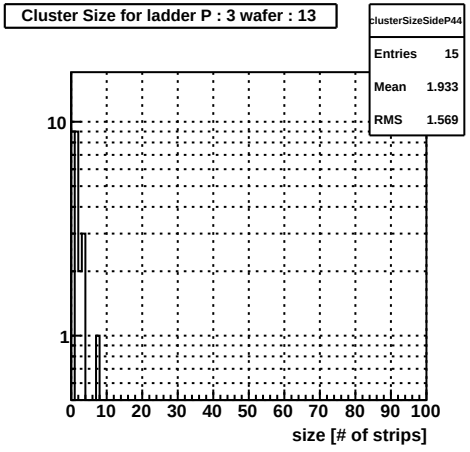

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 3
Mean 1
RMS 0
size [# of strips]

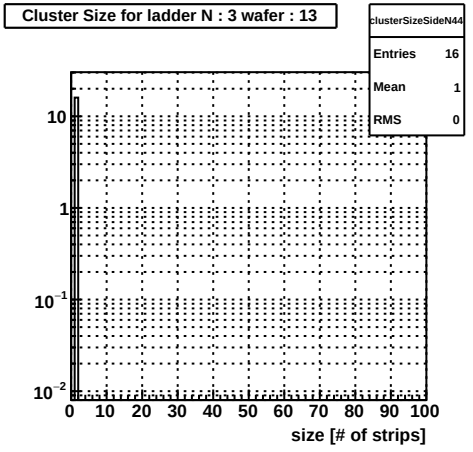

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 10
Mean 1
RMS 0
size [# of strips]

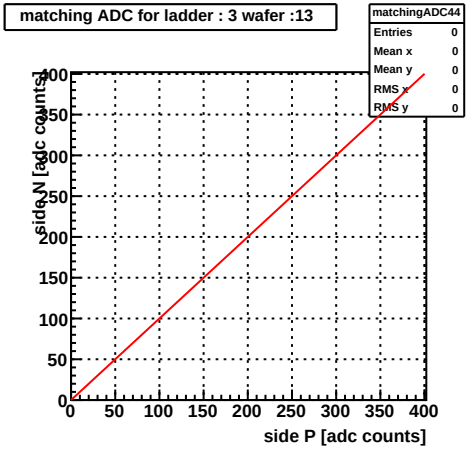

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

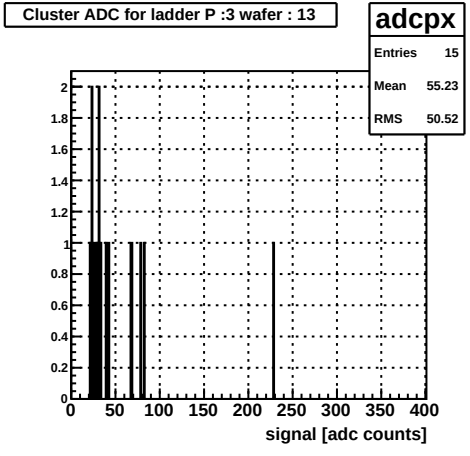

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 3
Mean 20.83
RMS 3.3
signal [adc counts]

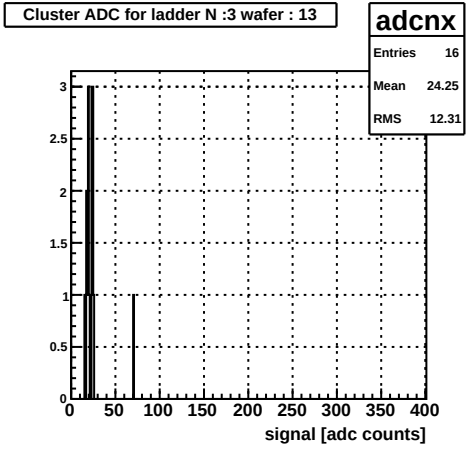

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 10
Mean 22
RMS 5.445
signal [adc counts]

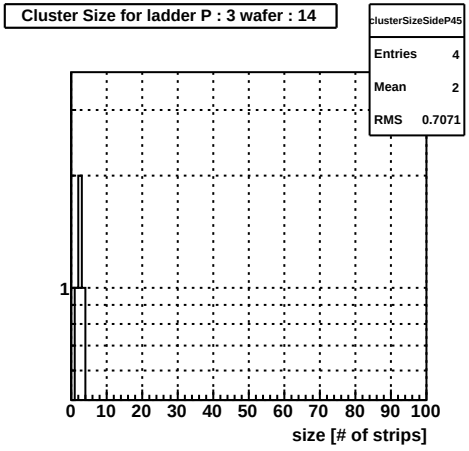

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 15
Mean 1.933
RMS 1.569
size [# of strips]

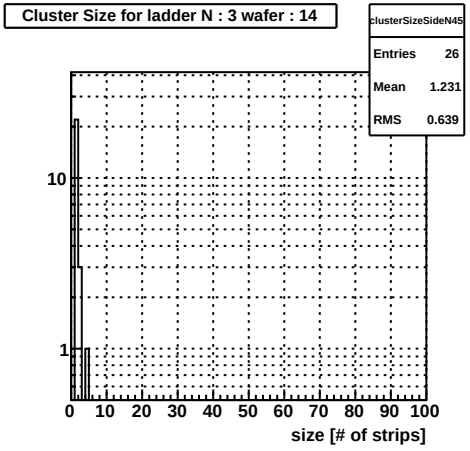

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 16
Mean 1
RMS 0
size [# of strips]

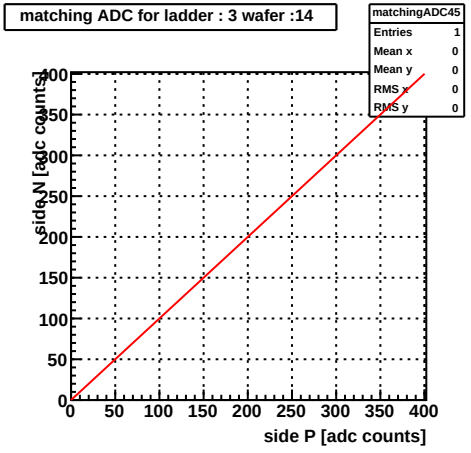

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

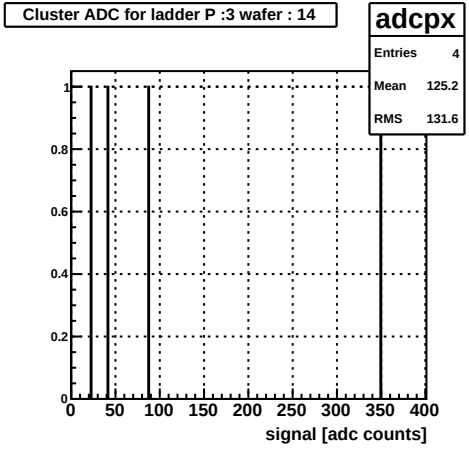

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 15
Mean 55.23
RMS 50.52
signal [adc counts]

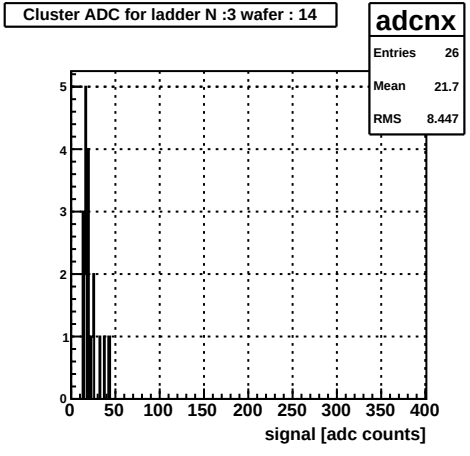

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 16
Mean 24.25
RMS 12.31
signal [adc counts]

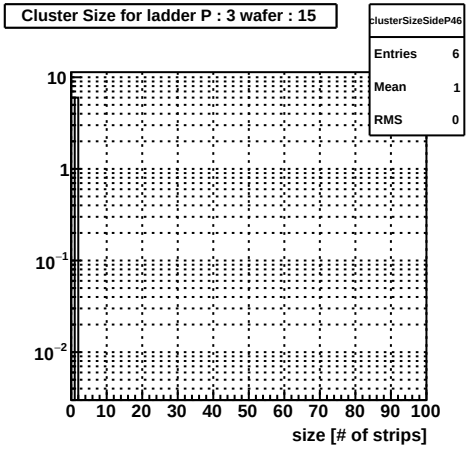

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4
Mean 2
RMS 0.7071
size [# of strips]

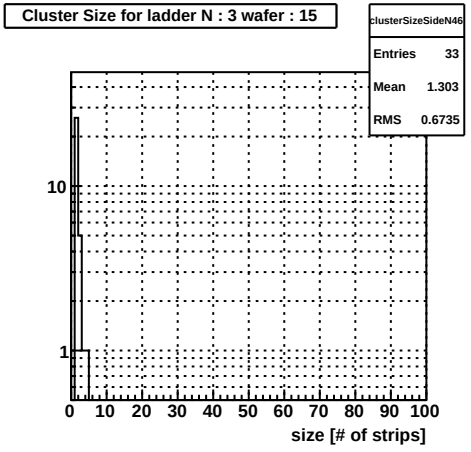

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 26
Mean 1.231
RMS 0.639
size [# of strips]

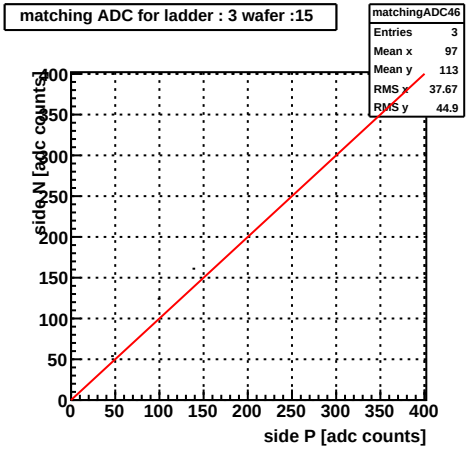

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

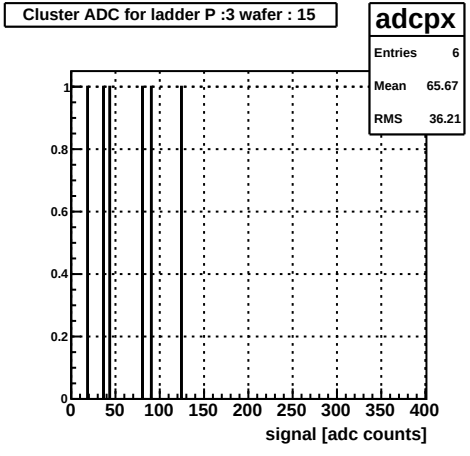

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4
Mean 125.2
RMS 131.6
signal [adc counts]

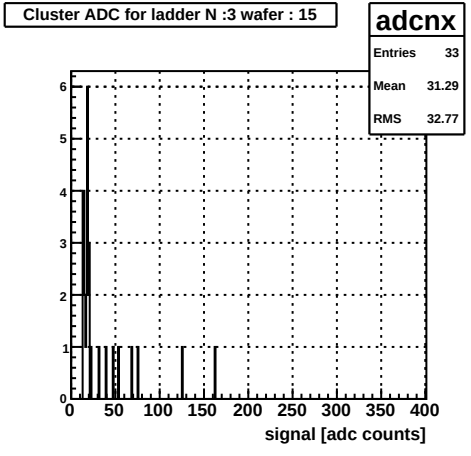

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 26
Mean 21.7
RMS 8.447
signal [adc counts]

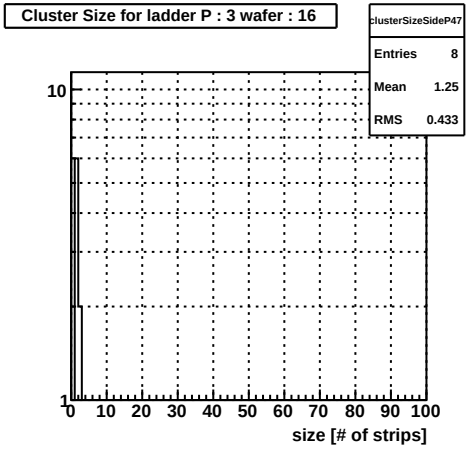

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 6
Mean 1
RMS 0
size [# of strips]

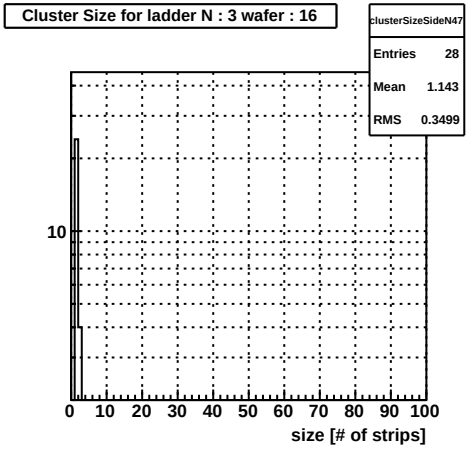

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 33
Mean 1.303
RMS 0.6735
size [# of strips]

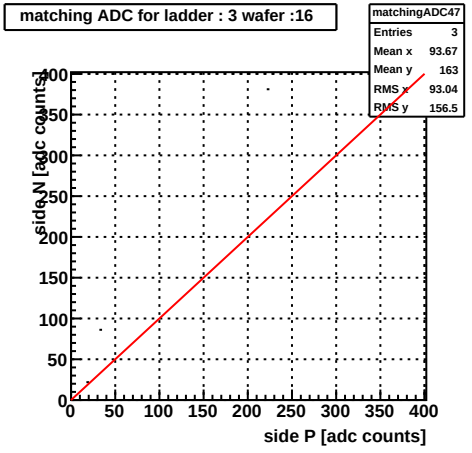

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3
Mean x 97
Mean y 113
RMS x 37.67
RMS y 44.9
side N [adc counts]
side P [adc counts]

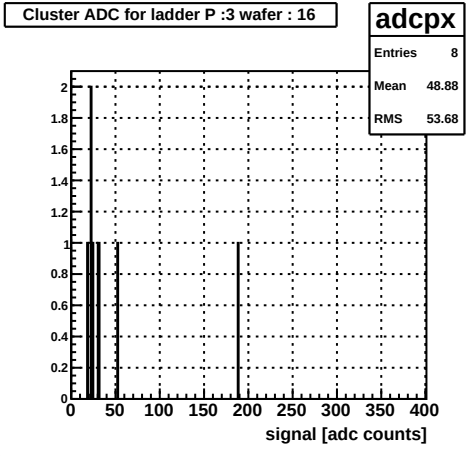

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 6
Mean 65.67
RMS 36.21
signal [adc counts]

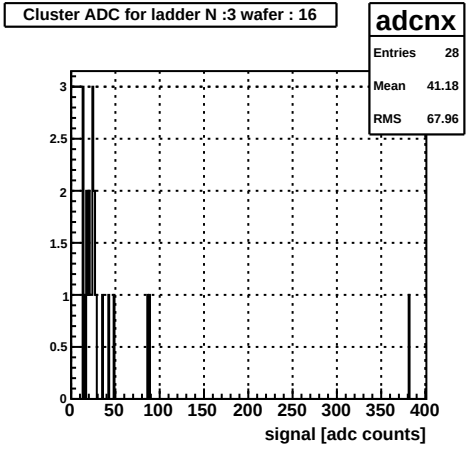

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 33
Mean 31.29
RMS 32.77
signal [adc counts]

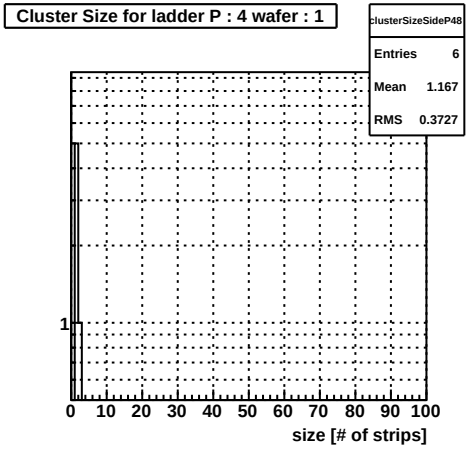

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 8
Mean 1.25
RMS 0.433
size [# of strips]

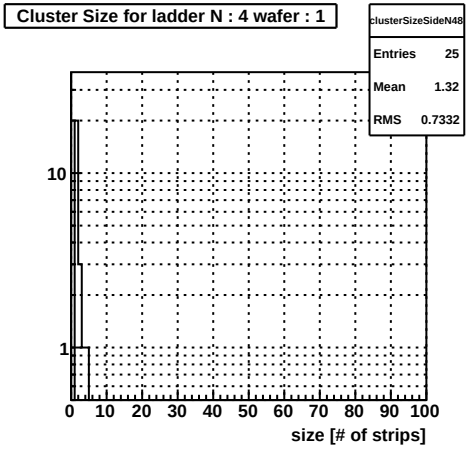

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 28
Mean 1.143
RMS 0.3499
size [# of strips]

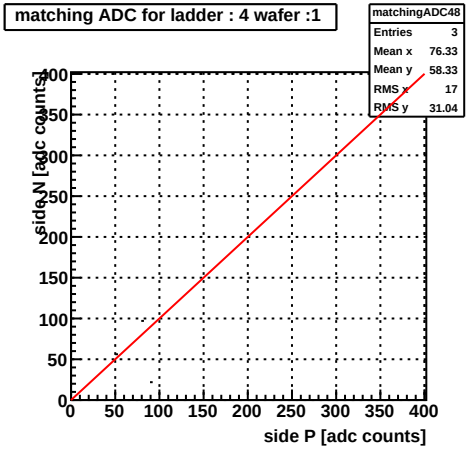

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 3
Mean x 93.67
Mean y 163
RMS x 93.04
RMS y 156.5
side N [adc counts]
side P [adc counts]

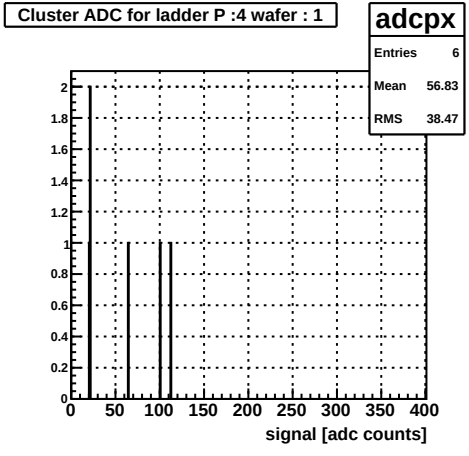

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 8
Mean 48.88
RMS 53.68
signal [adc counts]

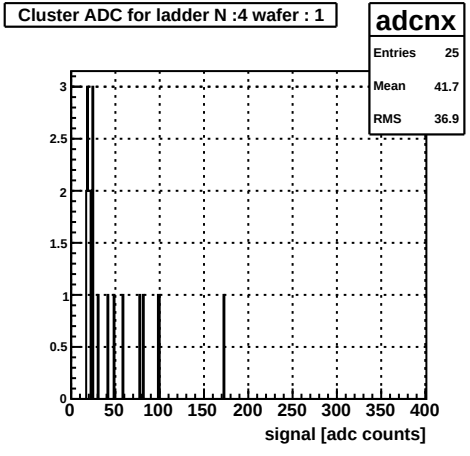

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 28
Mean 41.18
RMS 67.96
signal [adc counts]

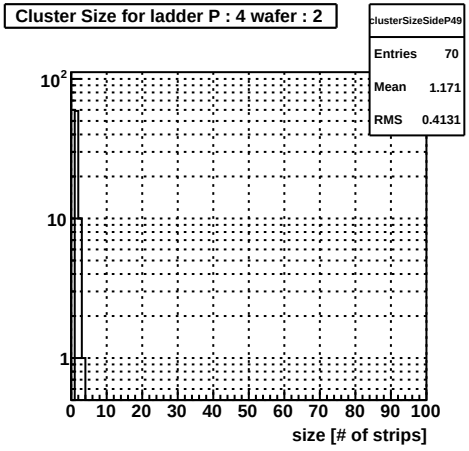

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

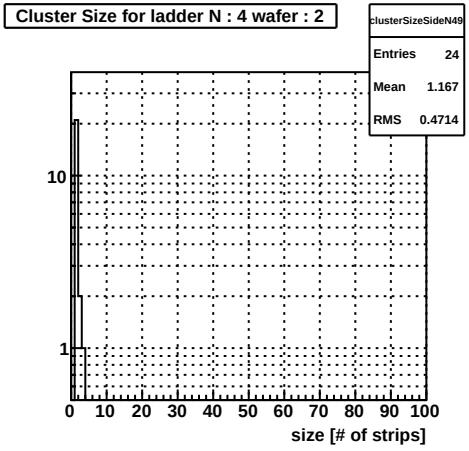

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 25
Mean 1.32
RMS 0.7332
size [# of strips]

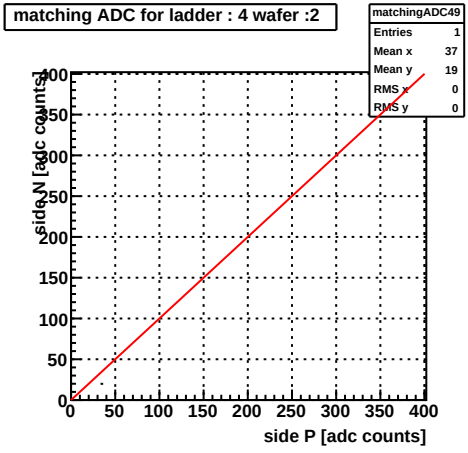

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 3
Mean x 76.33
Mean y 58.33
RMS x 17
RMS y 31.04
side N [adc counts]
side P [adc counts]

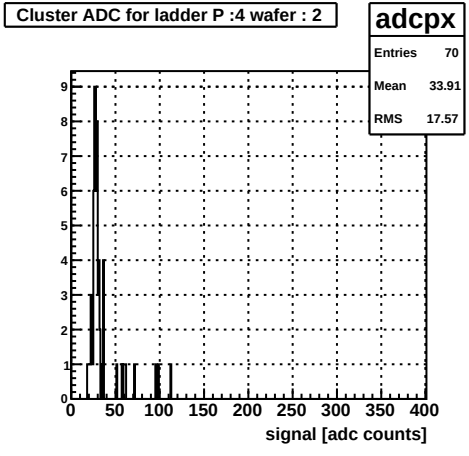

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 6
Mean 56.83
RMS 38.47
signal [adc counts]

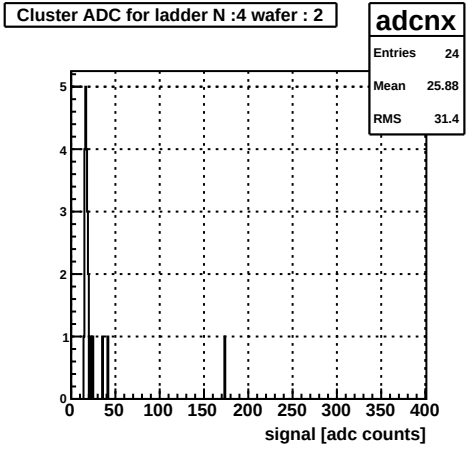

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 25
Mean 41.7
RMS 36.9
signal [adc counts]

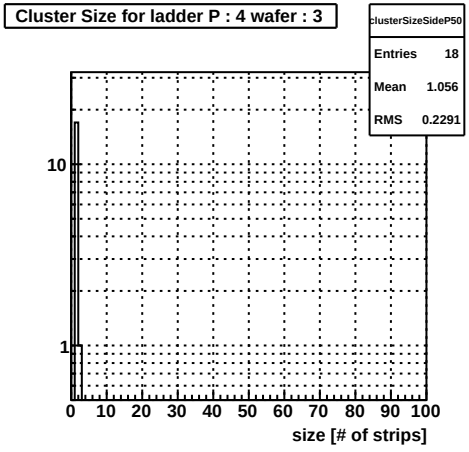

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 70
Mean 1.171
RMS 0.4131
size [# of strips]

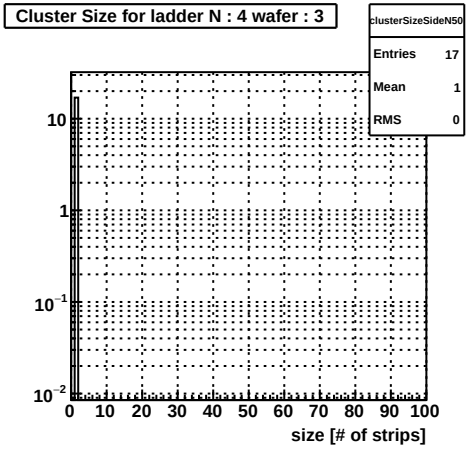

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 24
Mean 1.167
RMS 0.4714
size [# of strips]

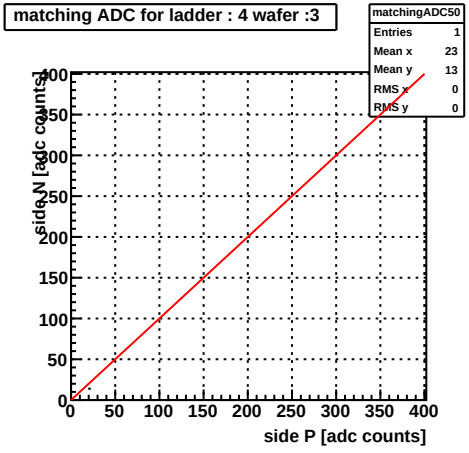

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1
Mean x 37
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

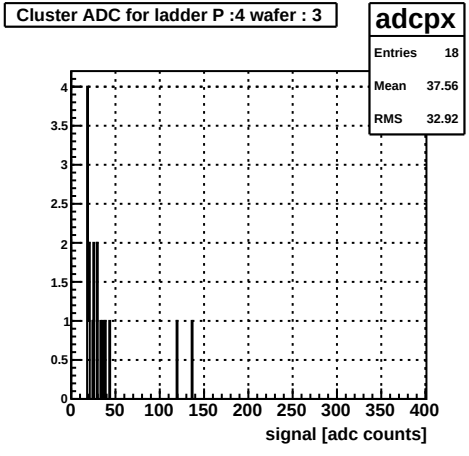

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 70
Mean 33.91
RMS 17.57
signal [adc counts]

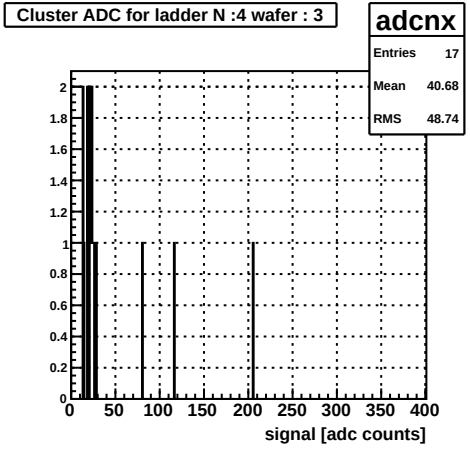

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 24
Mean 25.88
RMS 31.4
signal [adc counts]

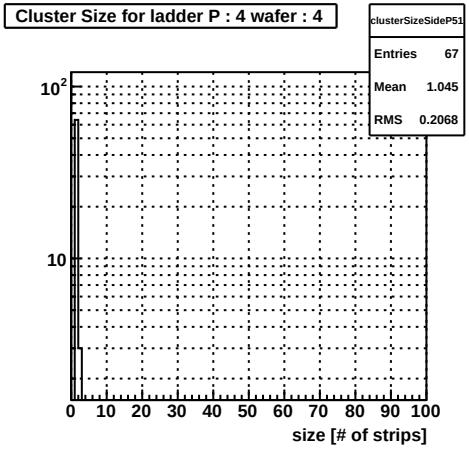

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

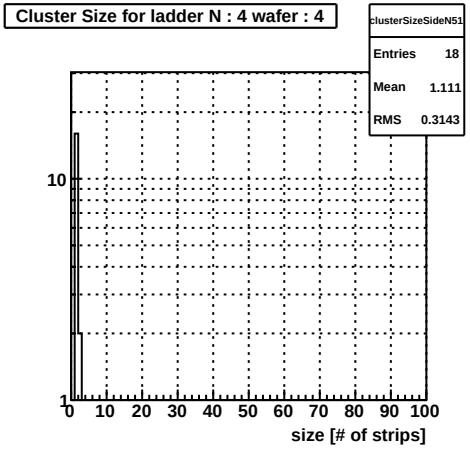

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 17
Mean 1
RMS 0
size [# of strips]

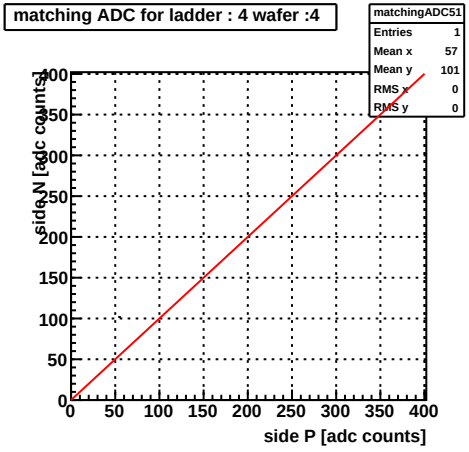

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1
Mean x 23
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

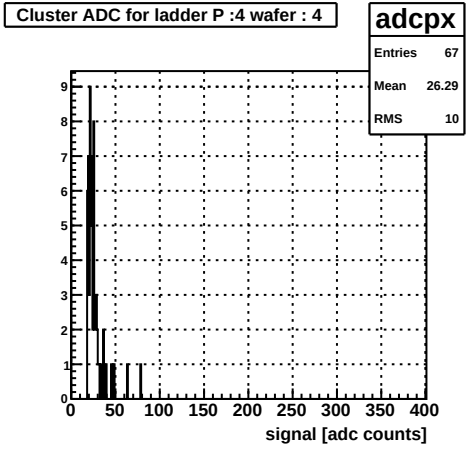

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 18
Mean 37.56
RMS 32.92
signal [adc counts]

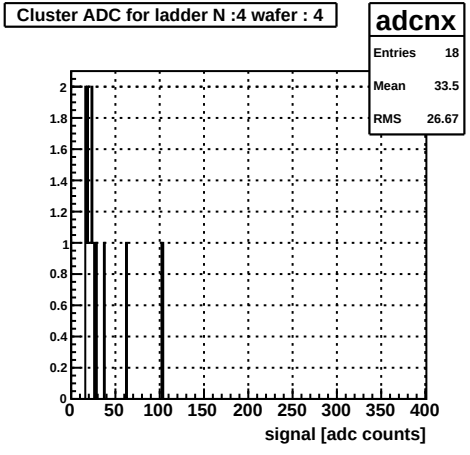

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 17
Mean 40.68
RMS 48.74
signal [adc counts]

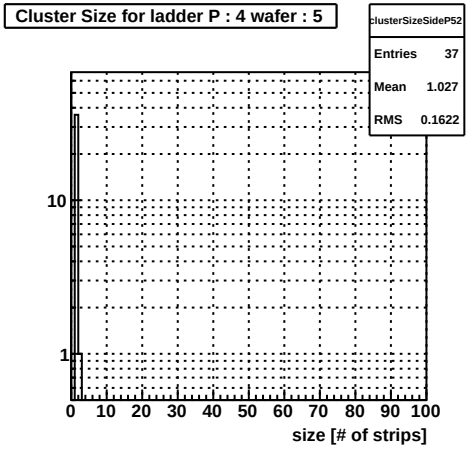

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 67
Mean 1.045
RMS 0.2068
size [# of strips]

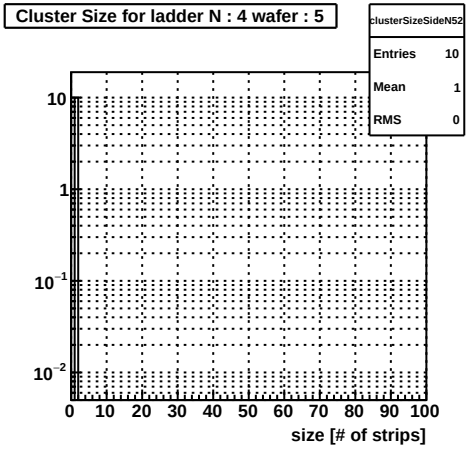

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

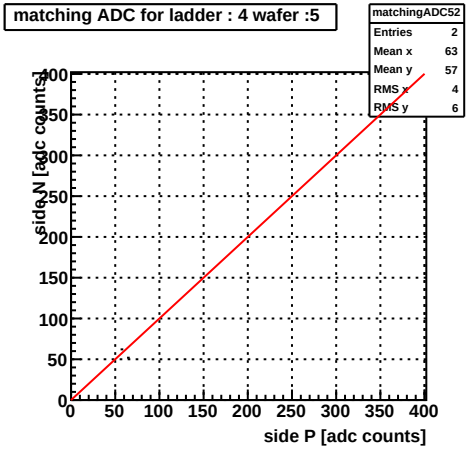

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1
Mean x 57
Mean y 101
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

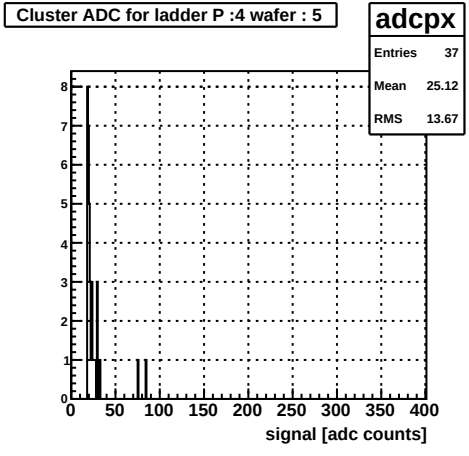

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 67
Mean 26.29
RMS 10
signal [adc counts]

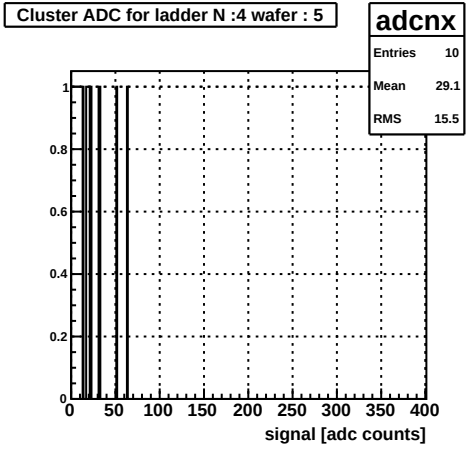

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 18
Mean 33.5
RMS 26.67
signal [adc counts]

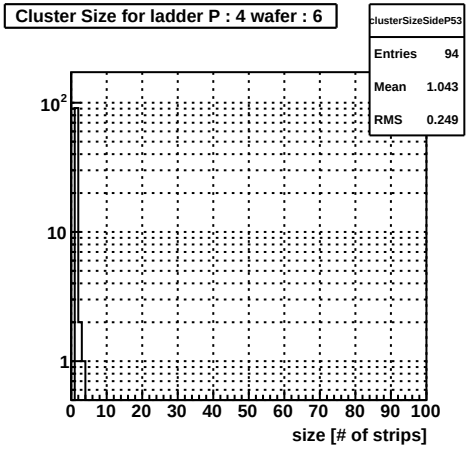

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 37
Mean 1.027
RMS 0.1622
size [# of strips]

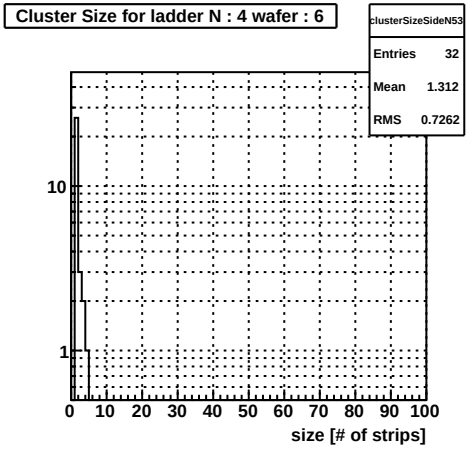

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 10
Mean 1
RMS 0
size [# of strips]

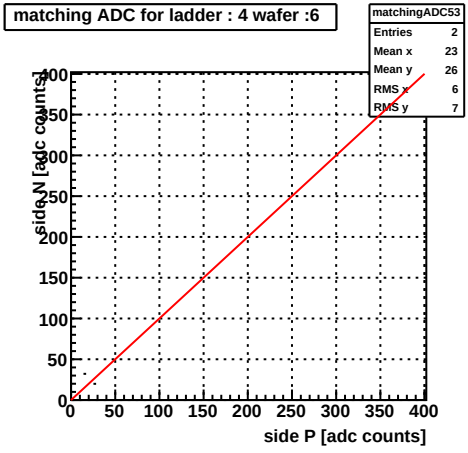

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 2
Mean x 63
Mean y 57
RMS x 4
RMS y 6
side N [adc counts]
side P [adc counts]

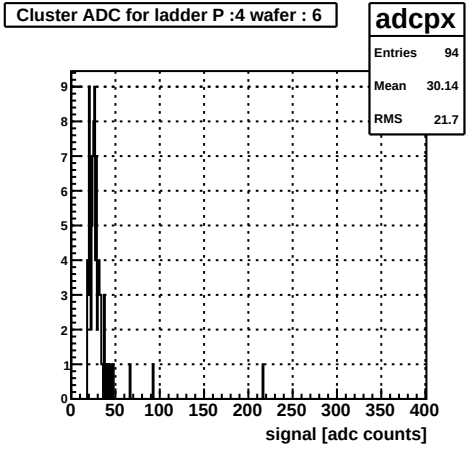

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 37
Mean 25.12
RMS 13.67
signal [adc counts]

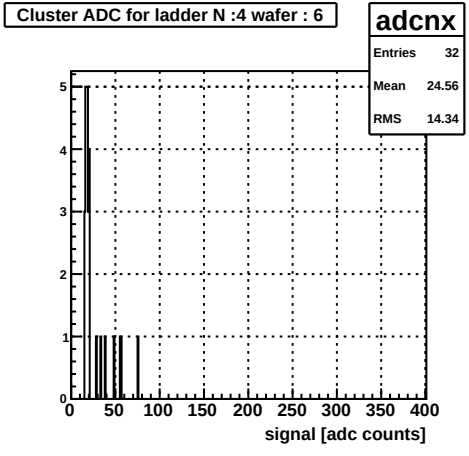

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 10
Mean 29.1
RMS 15.5
signal [adc counts]

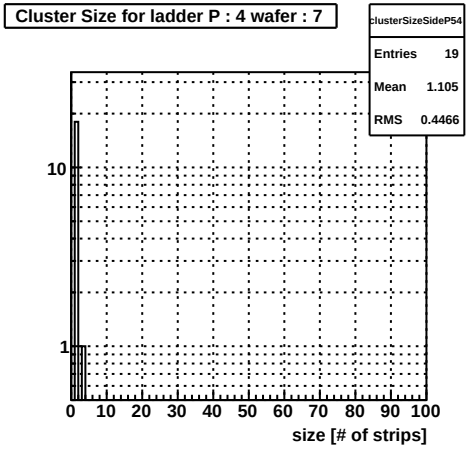

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 94
Mean 1.043
RMS 0.249
size [# of strips]

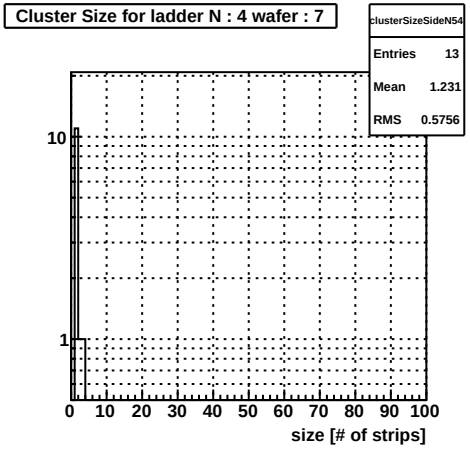

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 32
Mean 1.312
RMS 0.7262
size [# of strips]

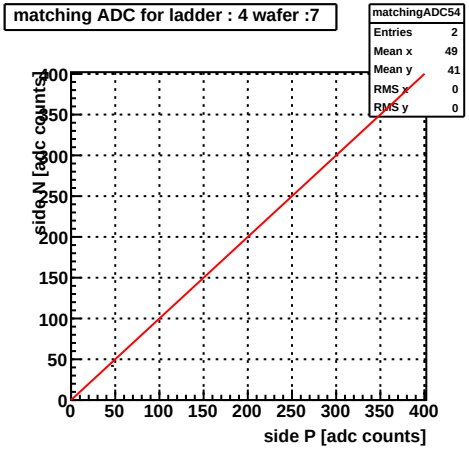

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 2
Mean x 23
Mean y 26
RMS x 6
RMS y 7
side N [adc counts]
side P [adc counts]

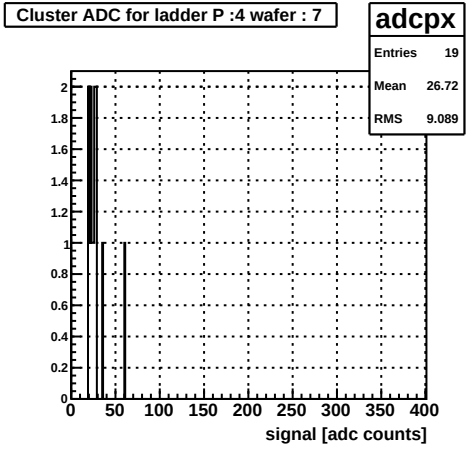

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 94
Mean 30.14
RMS 21.7
signal [adc counts]

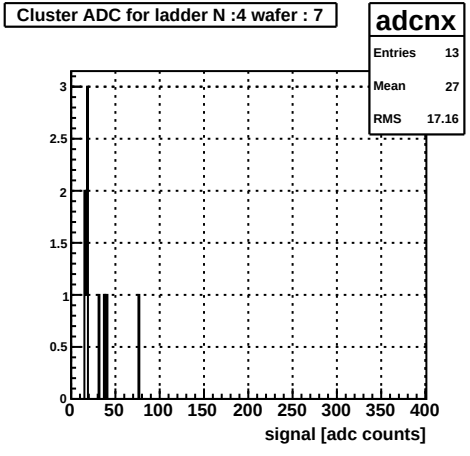

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 32
Mean 24.56
RMS 14.34
signal [adc counts]

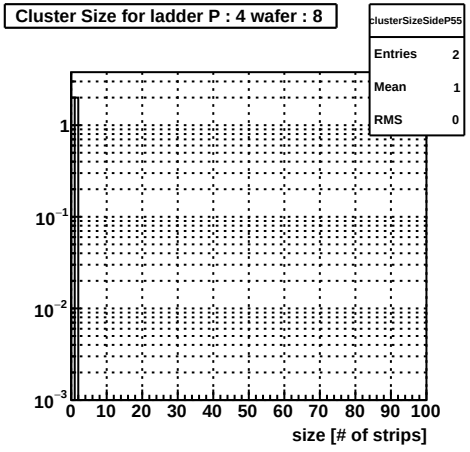

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 19
Mean 1.105
RMS 0.4466
size [# of strips]

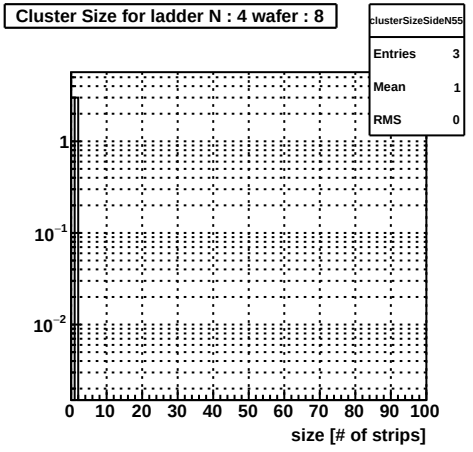

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 13
Mean 1.231
RMS 0.5756
size [# of strips]

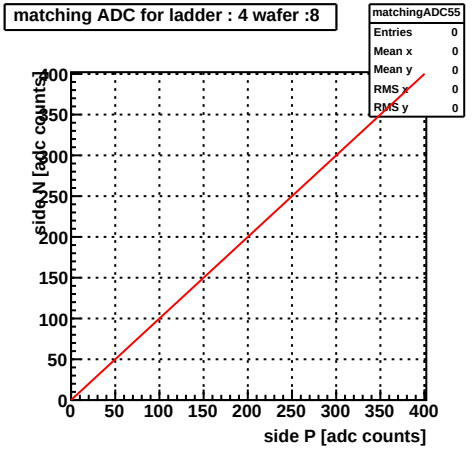

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 2
Mean x 49
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

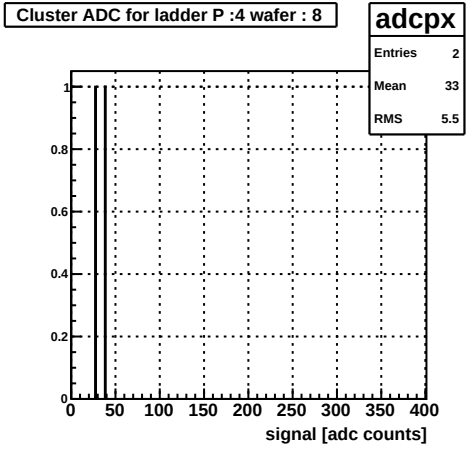

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 19
Mean 26.72
RMS 9.089
signal [adc counts]

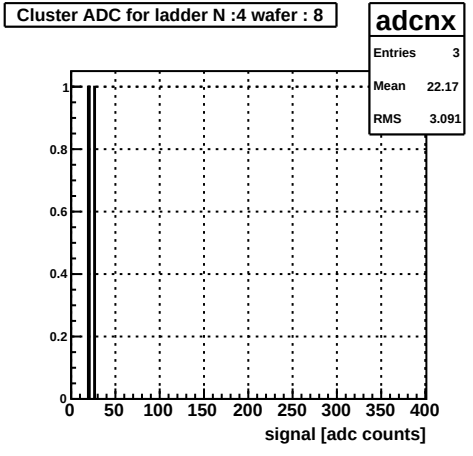

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 13
Mean 27
RMS 17.16
signal [adc counts]

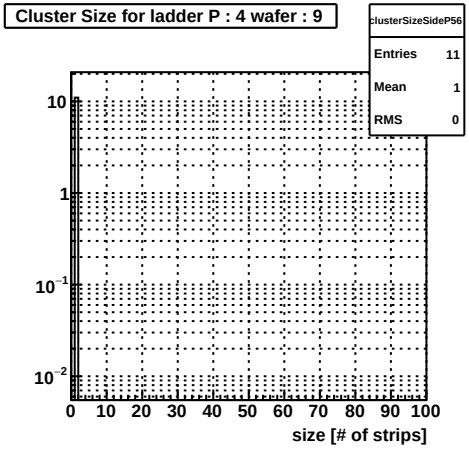

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2
Mean 1
RMS 0
size [# of strips]

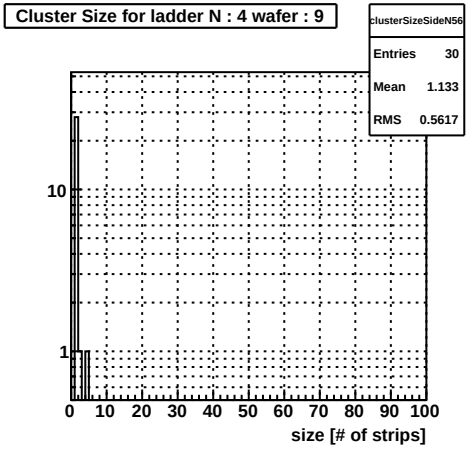

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3
Mean 1
RMS 0
size [# of strips]

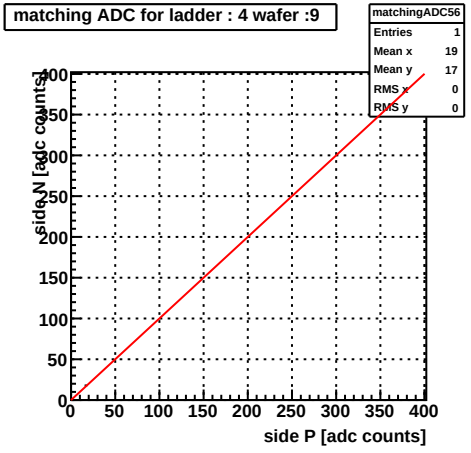

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

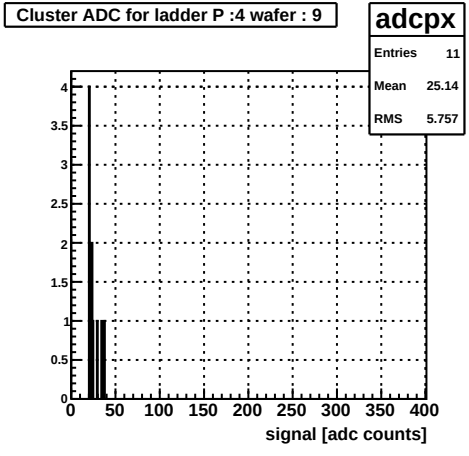

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2
Mean 33
RMS 5.5
signal [adc counts]

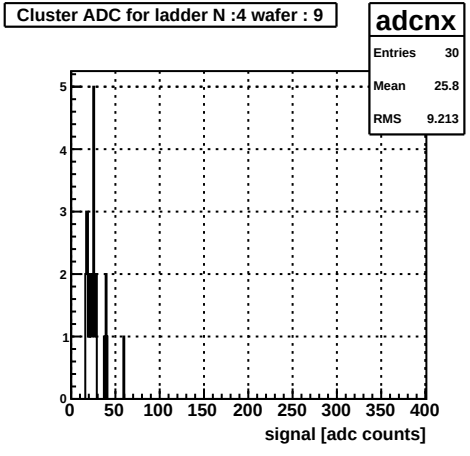

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3
Mean 22.17
RMS 3.091
signal [adc counts]

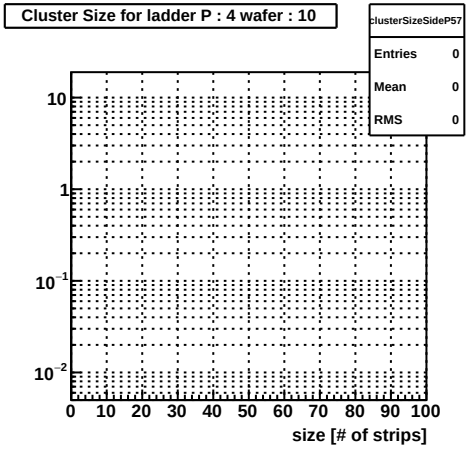

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 11
Mean 1
RMS 0
size [# of strips]

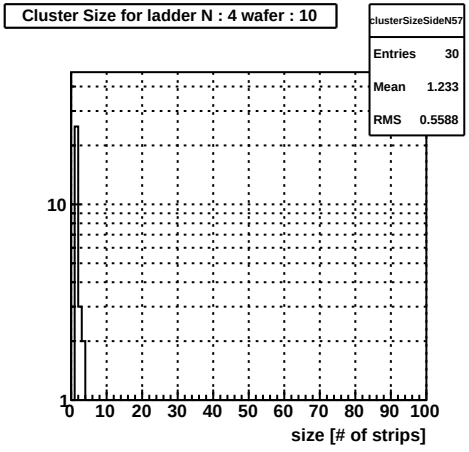

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 30
Mean 1.133
RMS 0.5617
size [# of strips]

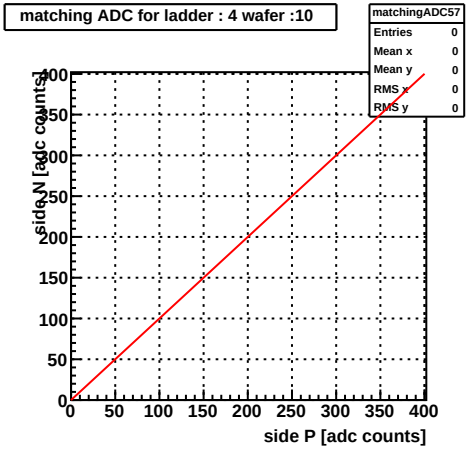

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

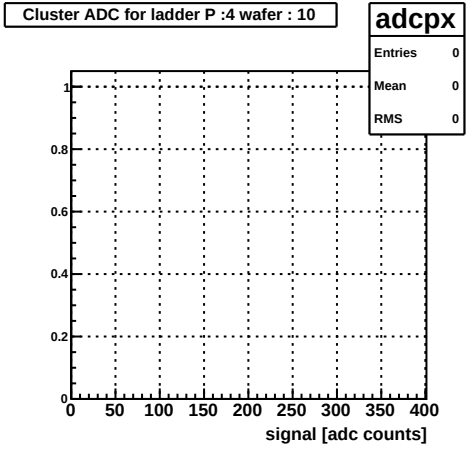

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 11
Mean 25.14
RMS 5.757
signal [adc counts]

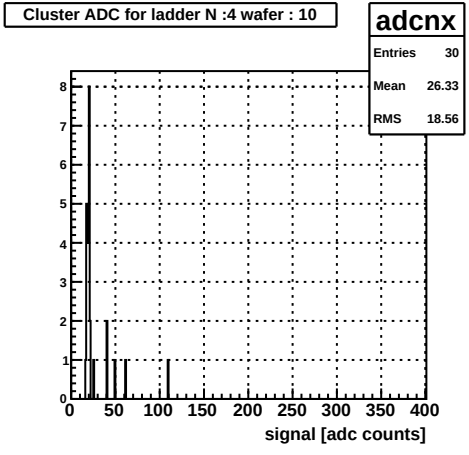

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 30
Mean 25.8
RMS 9.213
signal [adc counts]

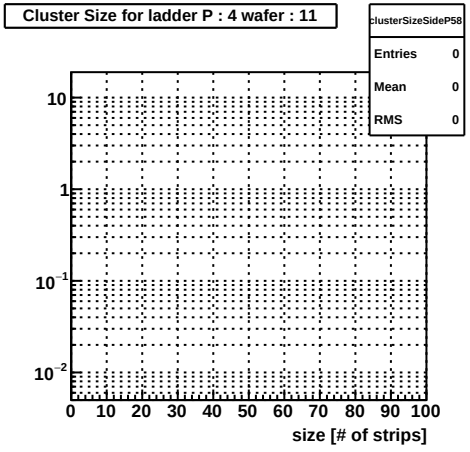

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

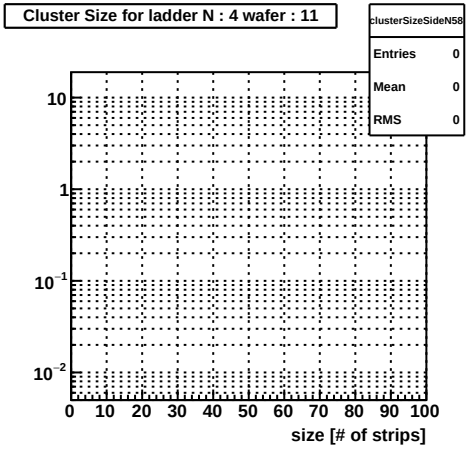

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 30
Mean 1.233
RMS 0.5588
size [# of strips]

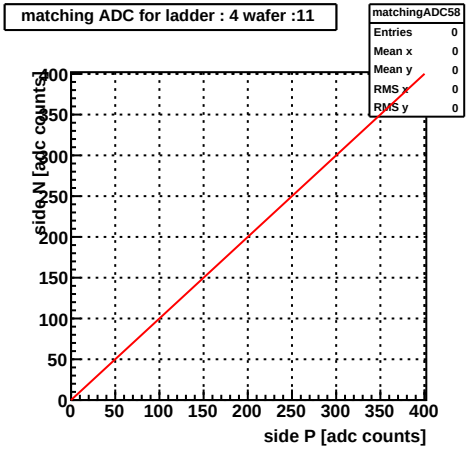

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

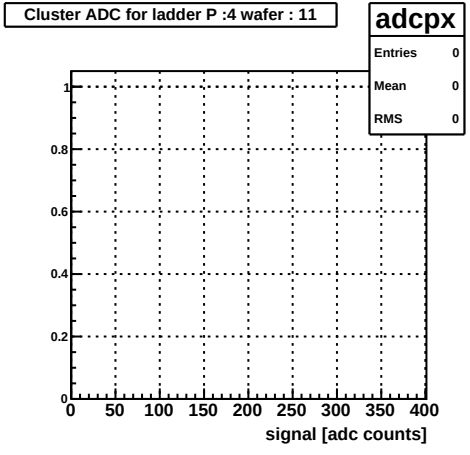

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

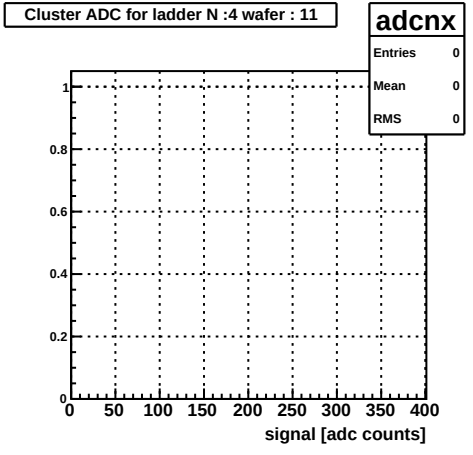

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 30
Mean 26.33
RMS 18.56
signal [adc counts]

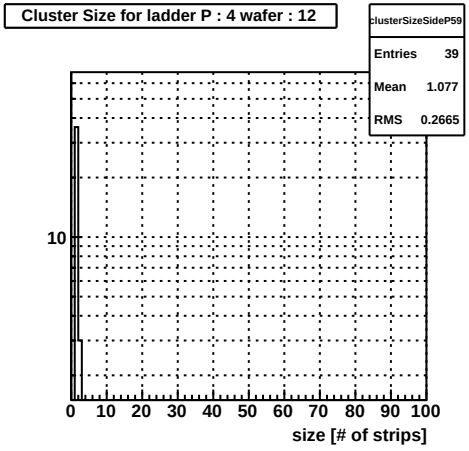

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 0
Mean 0
RMS 0
size [# of strips]

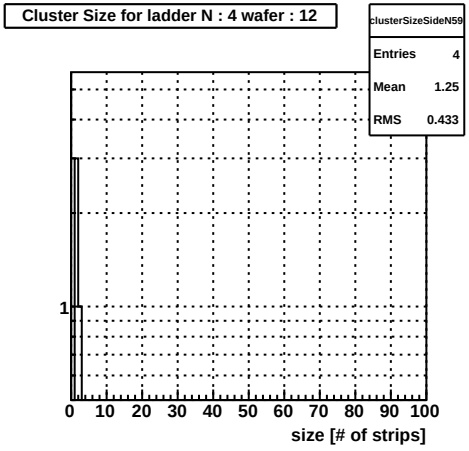

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 0
Mean 0
RMS 0
size [# of strips]

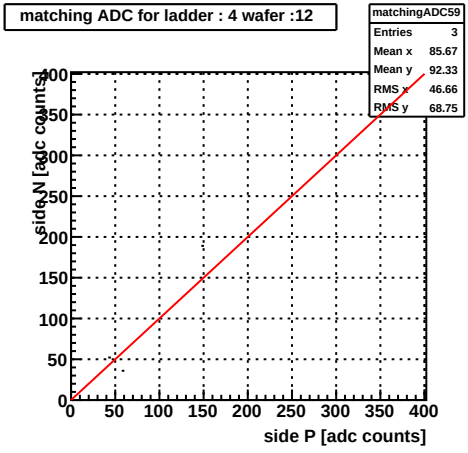

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

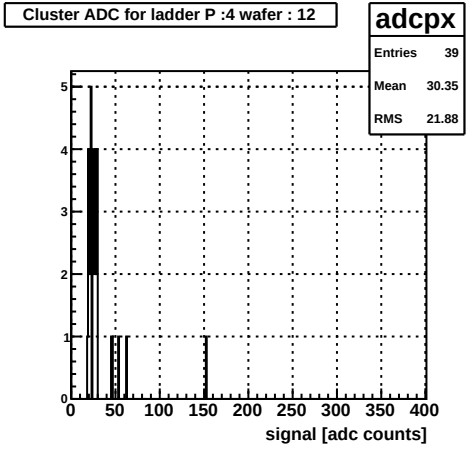

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

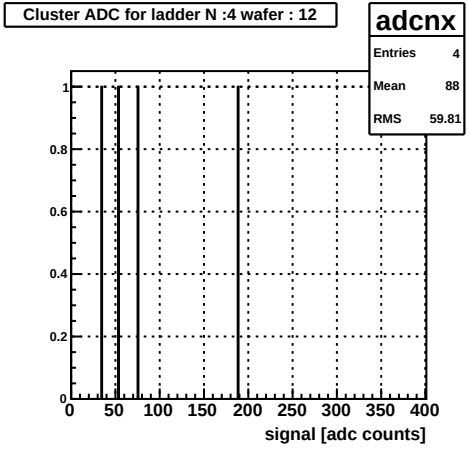

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

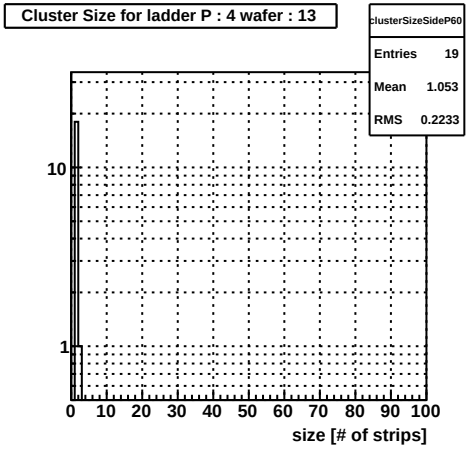

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 39
Mean 1.077
RMS 0.2665
size [# of strips]

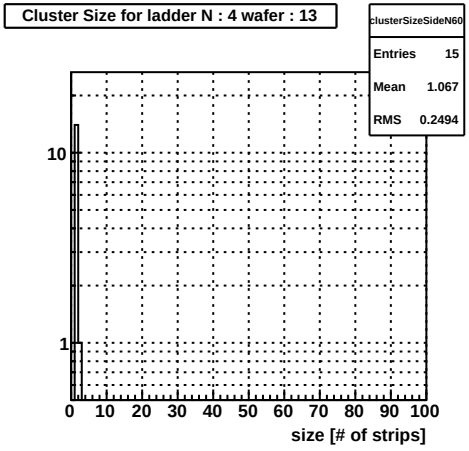

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

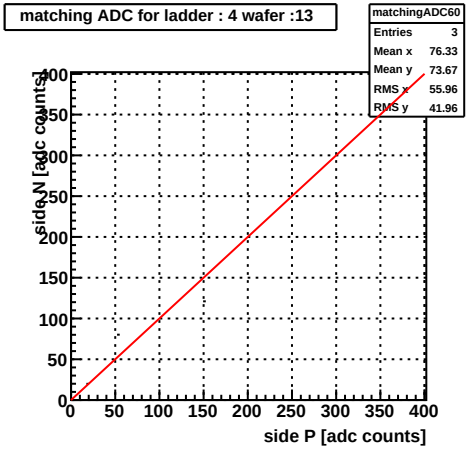

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 3
Mean x 85.67
Mean y 92.33
RMS x 46.66
RMS y 68.75
side N [adc counts]
side P [adc counts]

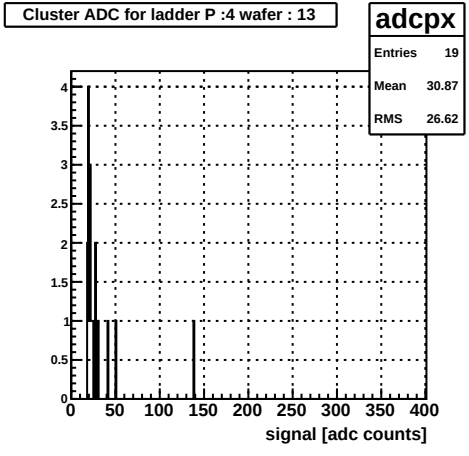

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 39
Mean 30.35
RMS 21.88
signal [adc counts]

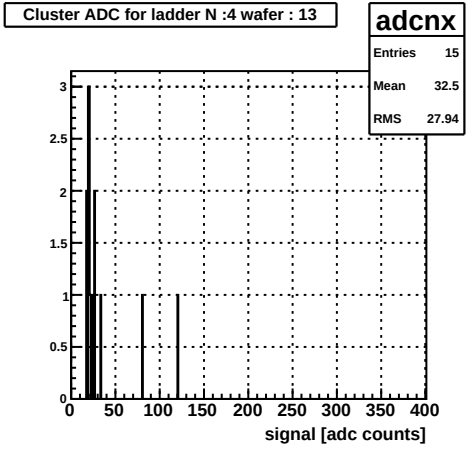

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 4
Mean 88
RMS 59.81
signal [adc counts]

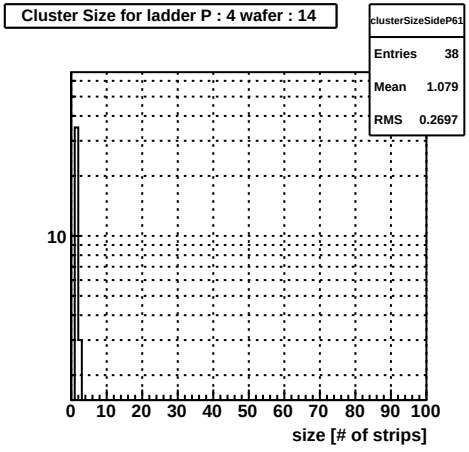

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 19
Mean 1.053
RMS 0.2233
size [# of strips]

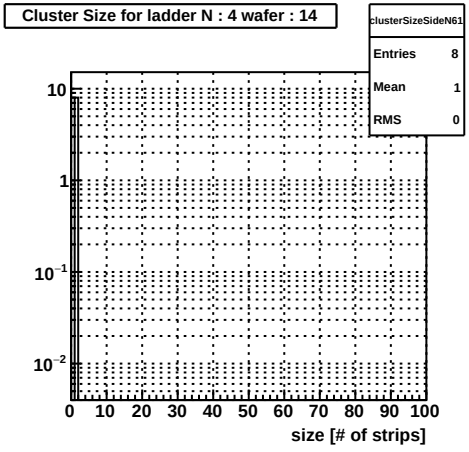

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

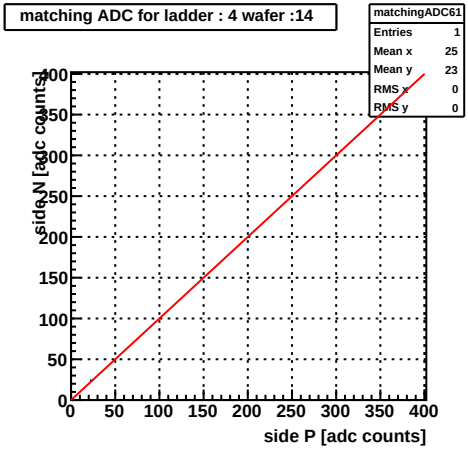

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 3
Mean x 76.33
Mean y 73.67
RMS x 55.96
RMS y 41.96
side N [adc counts]
side P [adc counts]

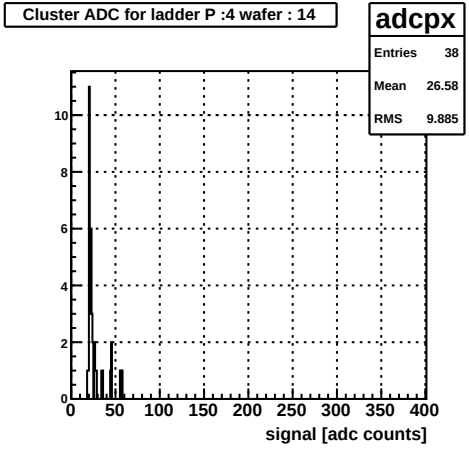

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 19
Mean 30.87
RMS 26.62
signal [adc counts]

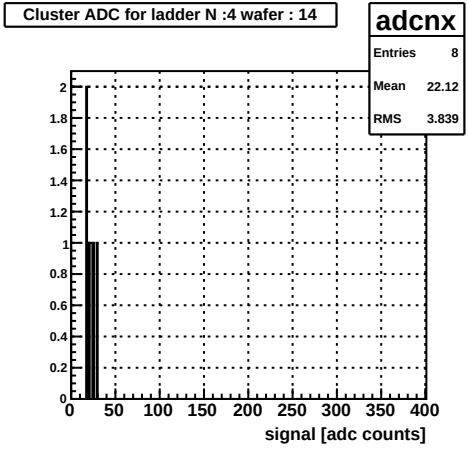

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 15
Mean 32.5
RMS 27.94
signal [adc counts]

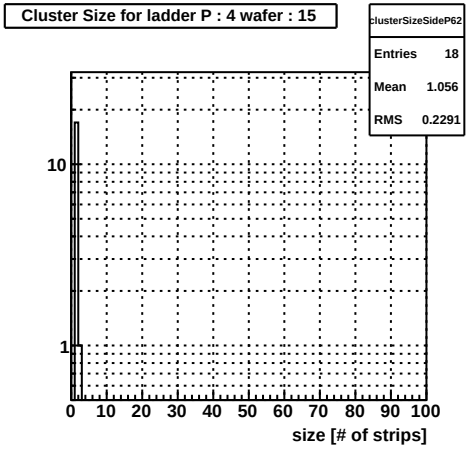

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 38
Mean 1.079
RMS 0.2697
size [# of strips]

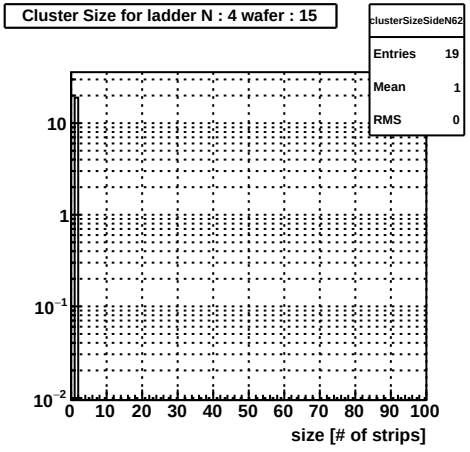

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 8
Mean 1
RMS 0
size [# of strips]

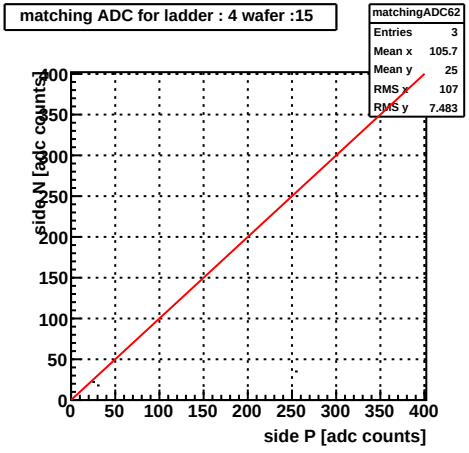

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 1
Mean x 25
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

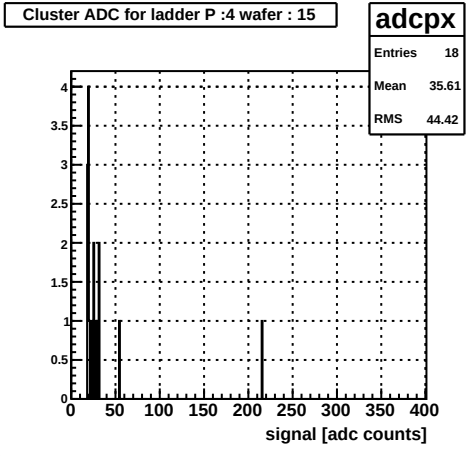

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 38
Mean 26.58
RMS 9.885
signal [adc counts]

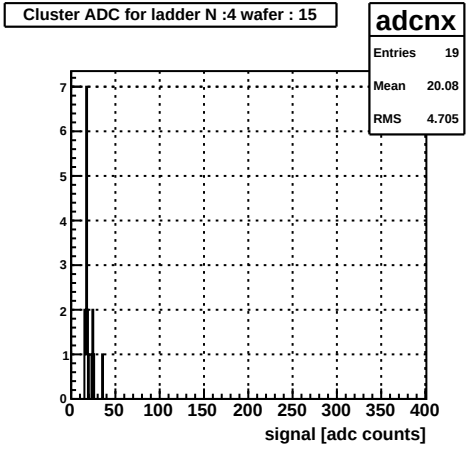

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 8
Mean 22.12
RMS 3.839
signal [adc counts]

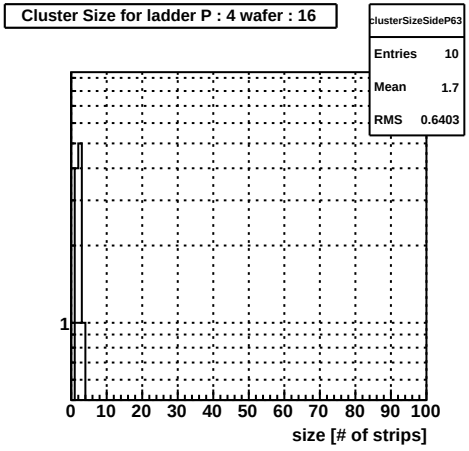

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

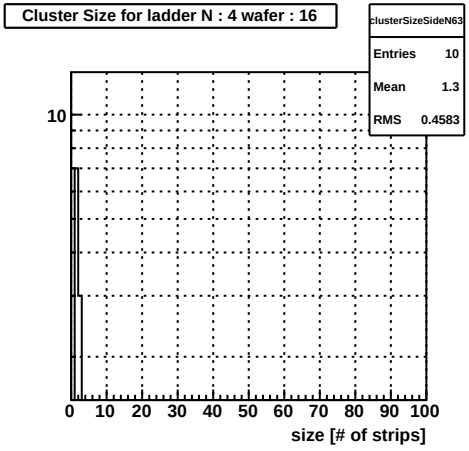

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 19
Mean 1
RMS 0
size [# of strips]

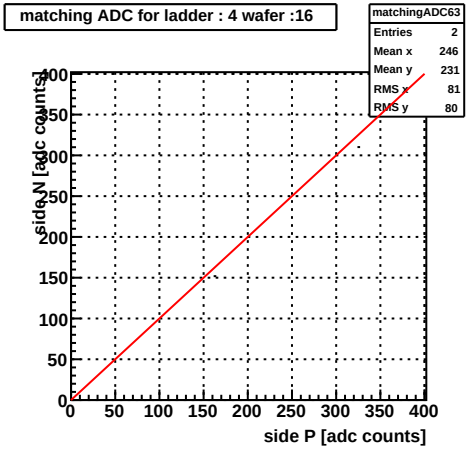

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 3
Mean x 105.7
Mean y 25
RMS x 107
RMS y 7.483
side N [adc counts]
side P [adc counts]

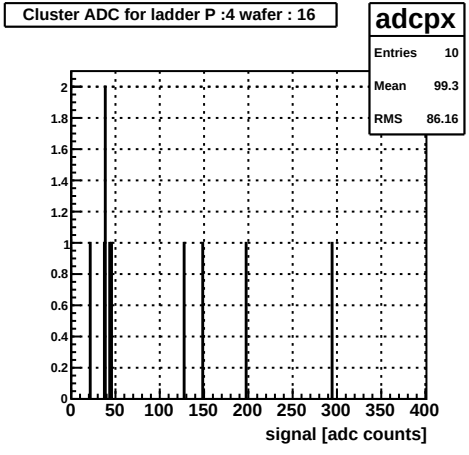

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 18
Mean 35.61
RMS 44.42
signal [adc counts]

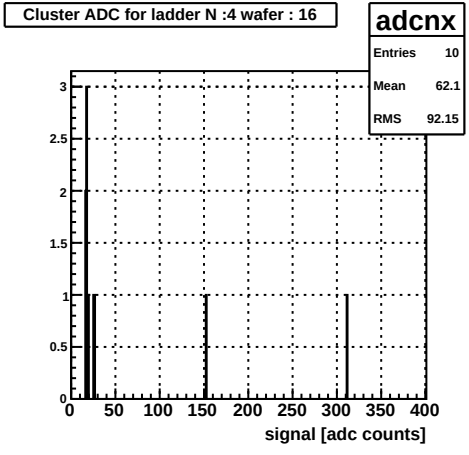

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 19
Mean 20.08
RMS 4.705
signal [adc counts]

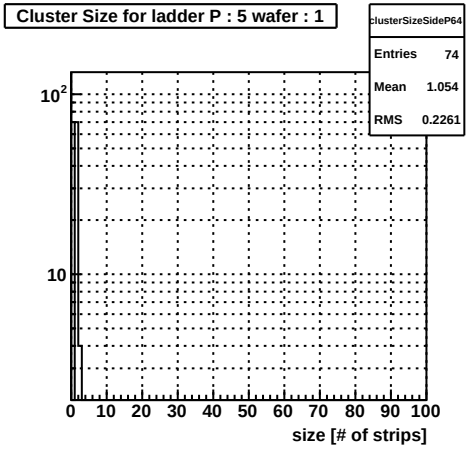

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 10
Mean 1.7
RMS 0.6403
size [# of strips]

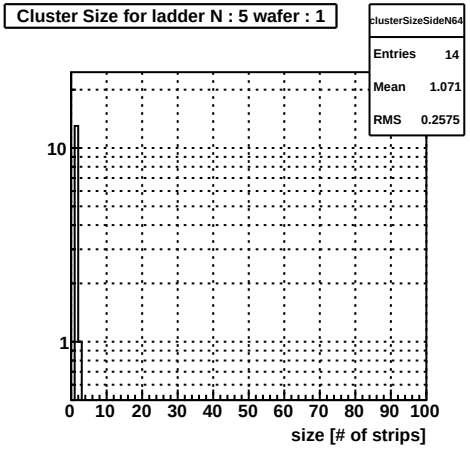

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 10
Mean 1.3
RMS 0.4583
size [# of strips]

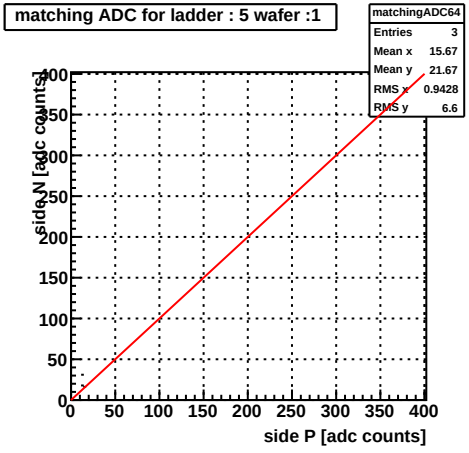

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 2
Mean x 246
Mean y 231
RMS x 81
RMS y 80
side N [adc counts]
side P [adc counts]

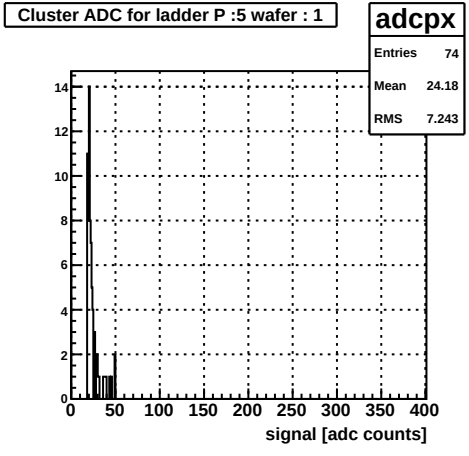

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 10
Mean 99.3
RMS 86.16
signal [adc counts]

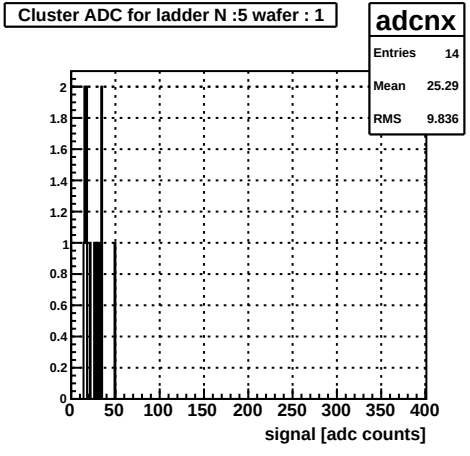

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 10
Mean 62.1
RMS 92.15
signal [adc counts]

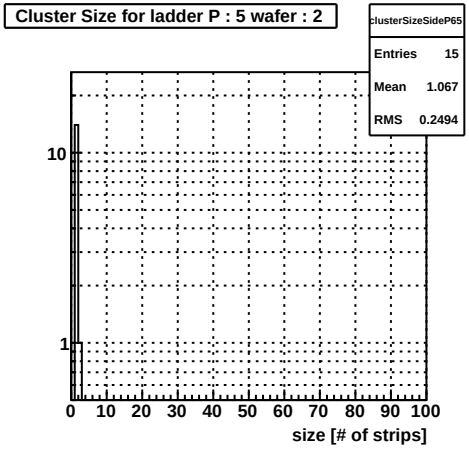

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 74
Mean 1.054
RMS 0.2261
size [# of strips]

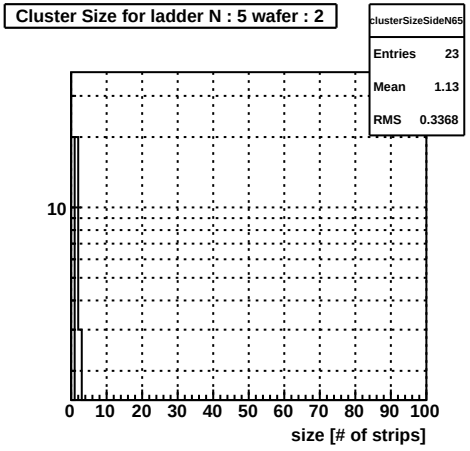

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 14
Mean 1.071
RMS 0.2575
size [# of strips]

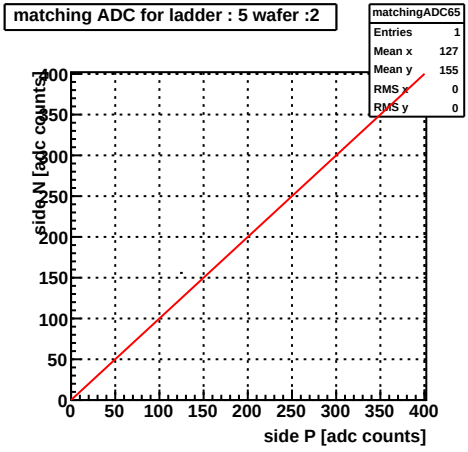

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 3
Mean x 15.67
Mean y 21.67
RMS x 0.9428
RMS y 6.6
side N [adc counts]
side P [adc counts]

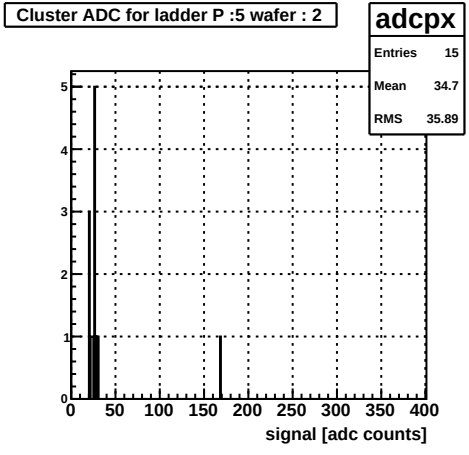

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 74
Mean 24.18
RMS 7.243
signal [adc counts]

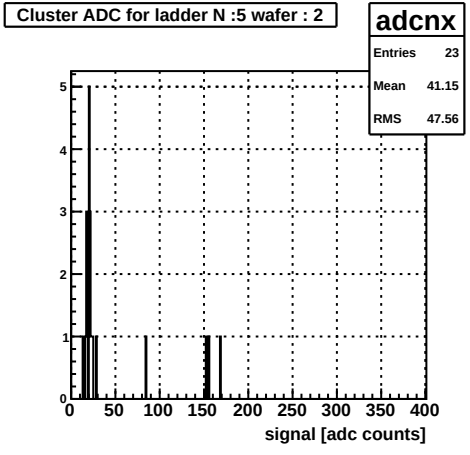

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 14
Mean 25.29
RMS 9.836
signal [adc counts]

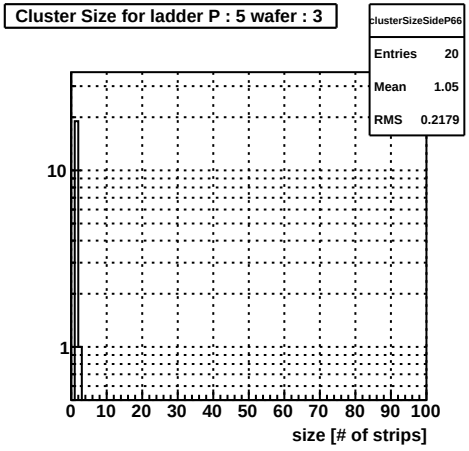

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

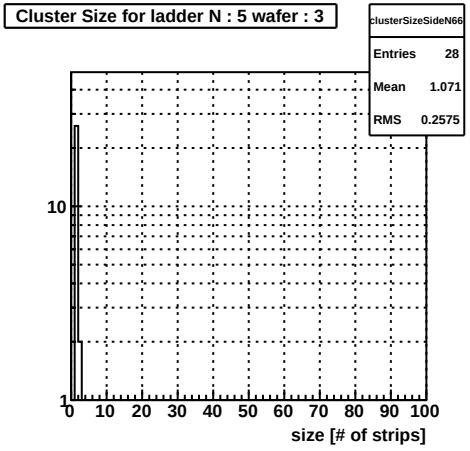

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 23
Mean 1.13
RMS 0.3368
size [# of strips]

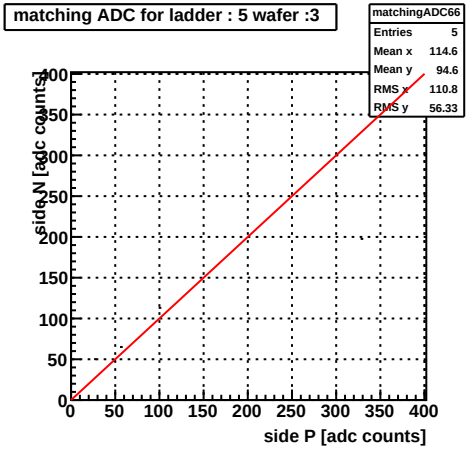

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 1
Mean x 127
Mean y 155
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

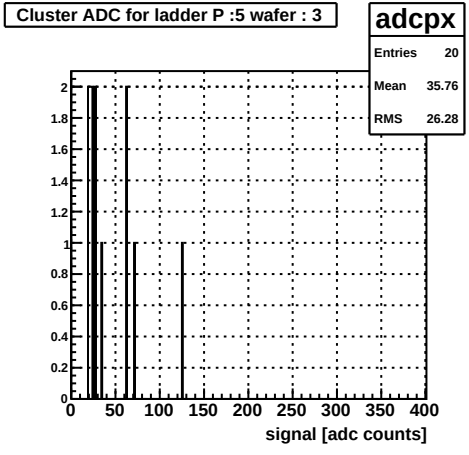

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 15
Mean 34.7
RMS 35.89
signal [adc counts]

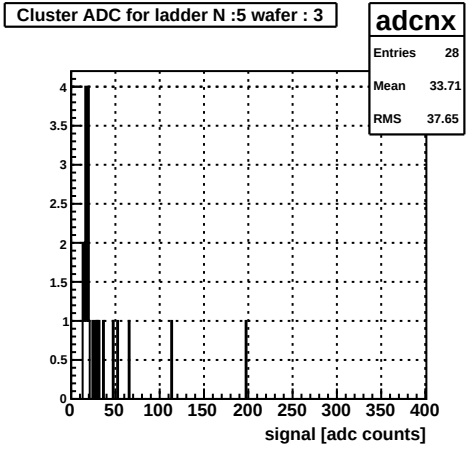

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 23
Mean 41.15
RMS 47.56
signal [adc counts]

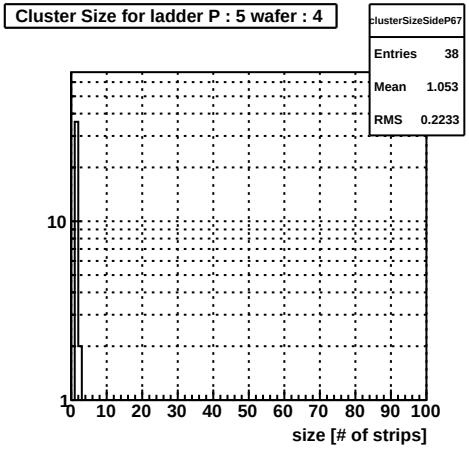

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

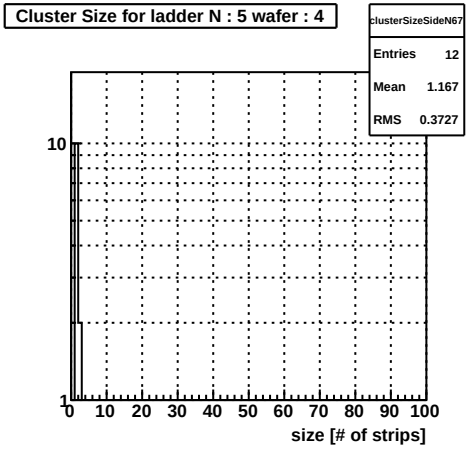

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 28
Mean 1.071
RMS 0.2575
size [# of strips]

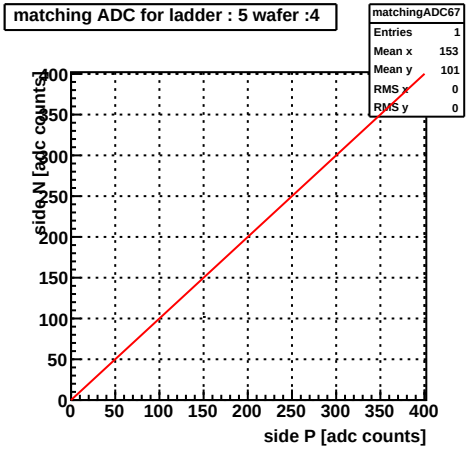

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 5
Mean x 114.6
Mean y 94.6
RMS x 110.8
RMS y 56.33
side N [adc counts]
side P [adc counts]

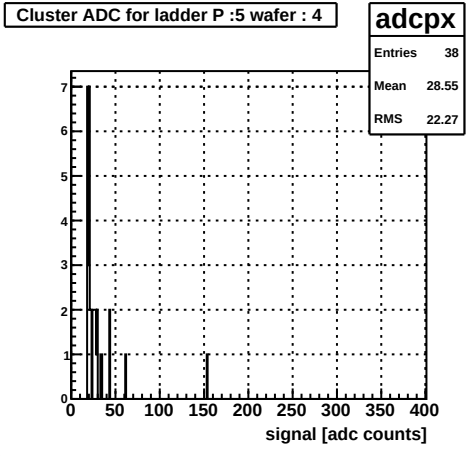

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 20
Mean 35.76
RMS 26.28
signal [adc counts]

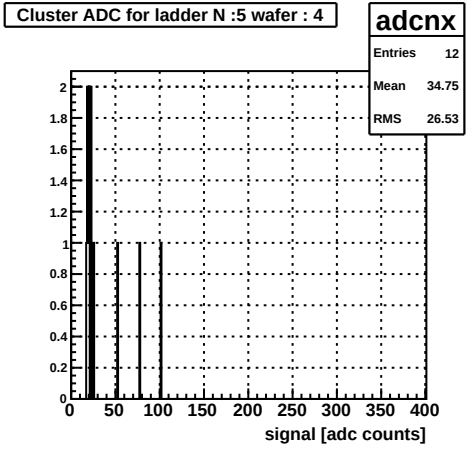

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 28
Mean 33.71
RMS 37.65
signal [adc counts]

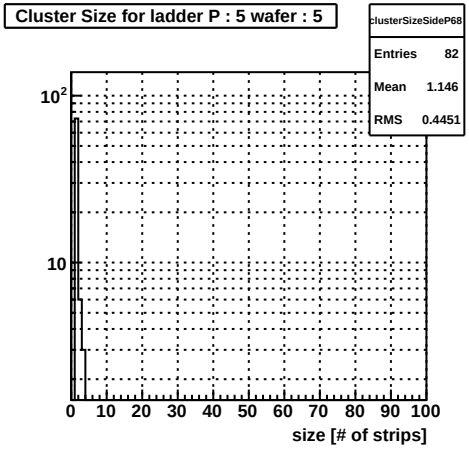

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 38
Mean 1.053
RMS 0.2233
size [# of strips]

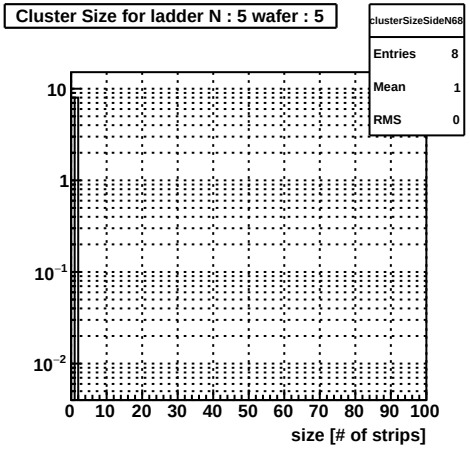

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

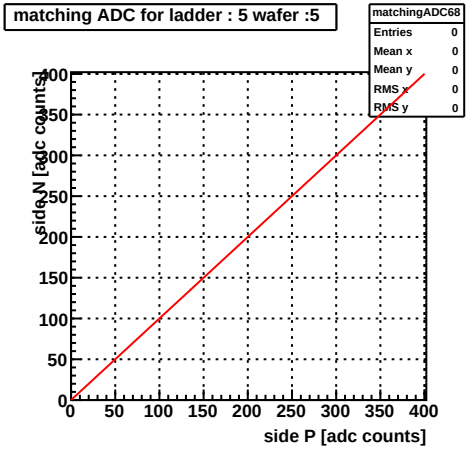

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1
Mean x 153
Mean y 101
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

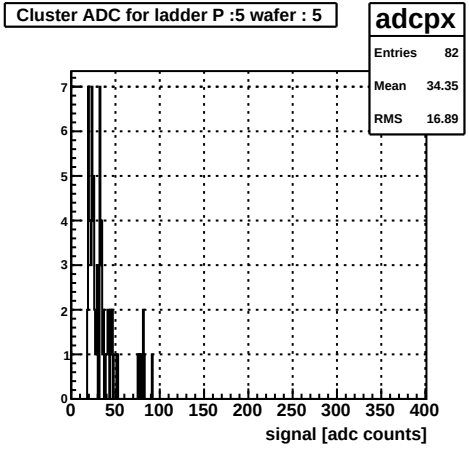

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 38
Mean 28.55
RMS 22.27
signal [adc counts]

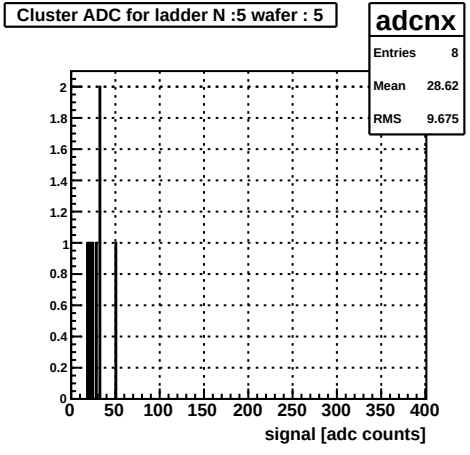

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 12
Mean 34.75
RMS 26.53
signal [adc counts]

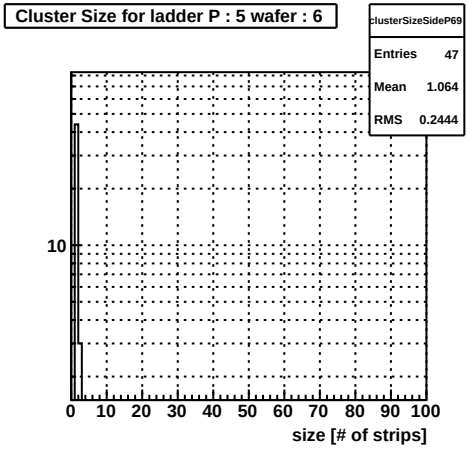

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 82
Mean 1.146
RMS 0.4451
size [# of strips]

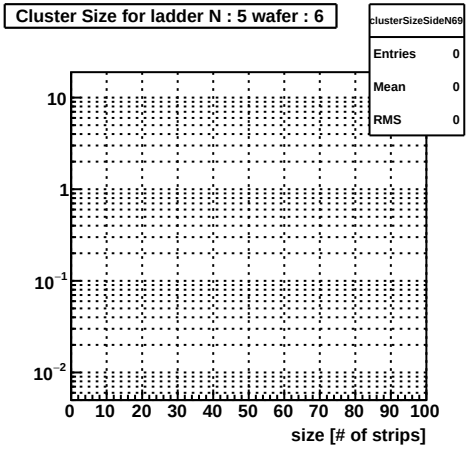

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 8
Mean 1
RMS 0
size [# of strips]

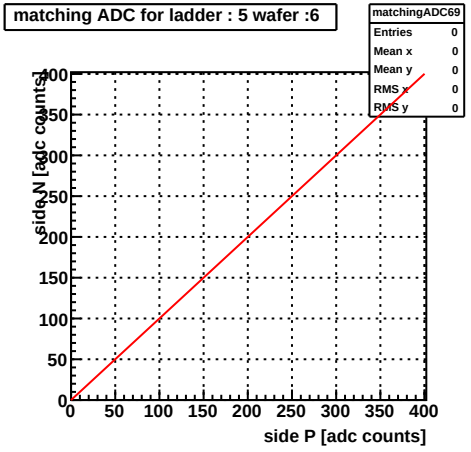

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

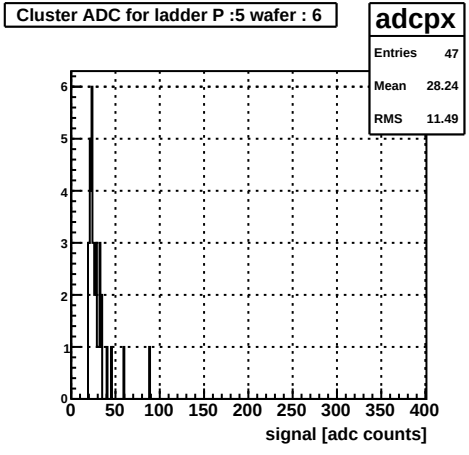

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 82
Mean 34.35
RMS 16.89
signal [adc counts]

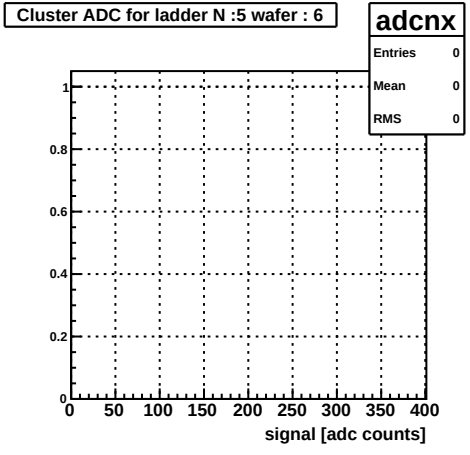

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 8
Mean 28.62
RMS 9.675
signal [adc counts]

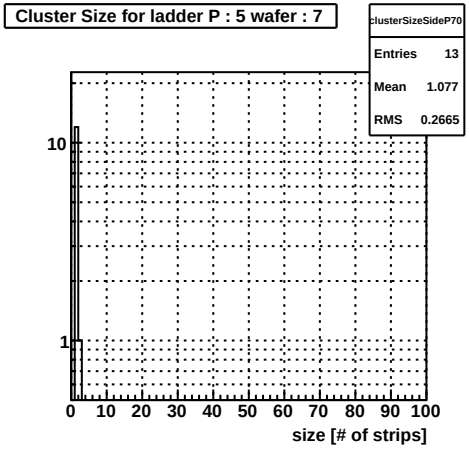

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 47
Mean 1.064
RMS 0.2444
size [# of strips]

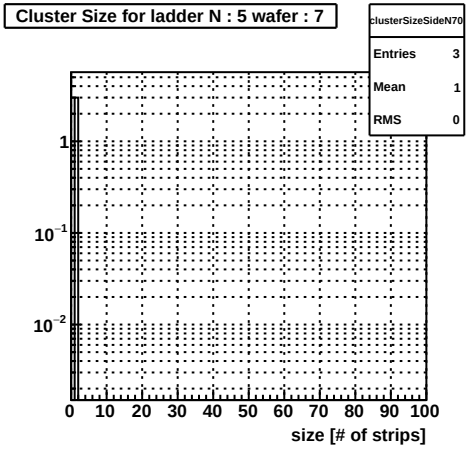

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 0
Mean 0
RMS 0
size [# of strips]

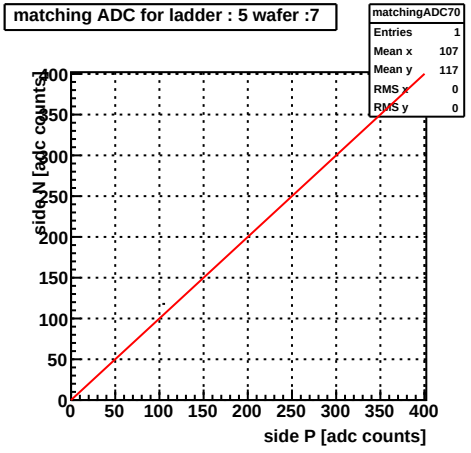

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

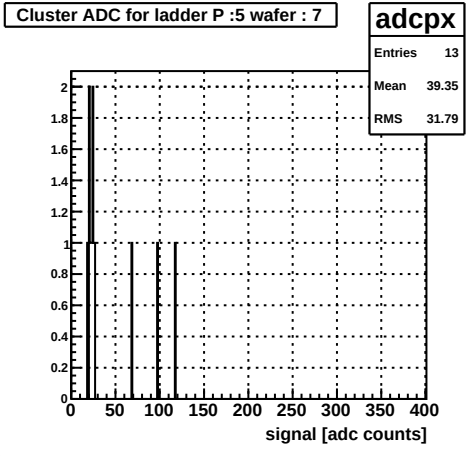

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 47
Mean 28.24
RMS 11.49
signal [adc counts]

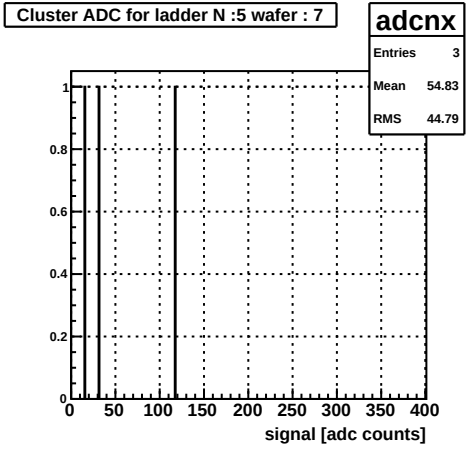

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

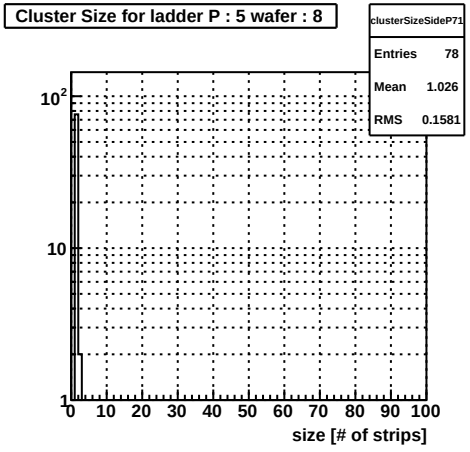

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

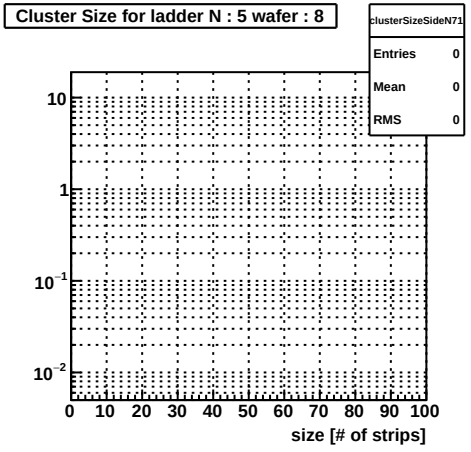

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 3
Mean 1
RMS 0
size [# of strips]

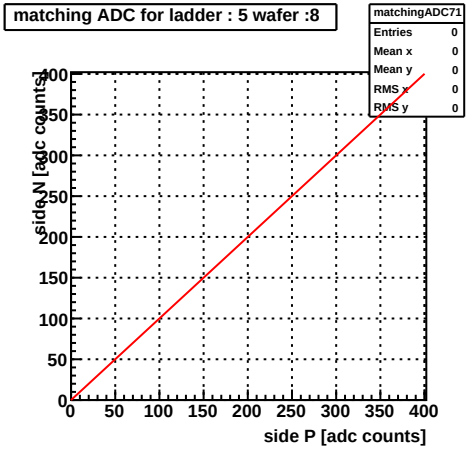

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1
Mean x 107
Mean y 117
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

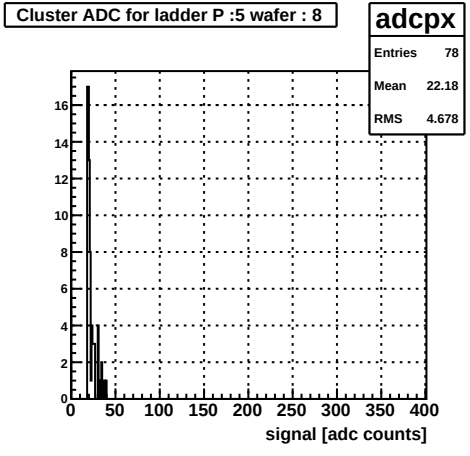

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 13
Mean 39.35
RMS 31.79
signal [adc counts]

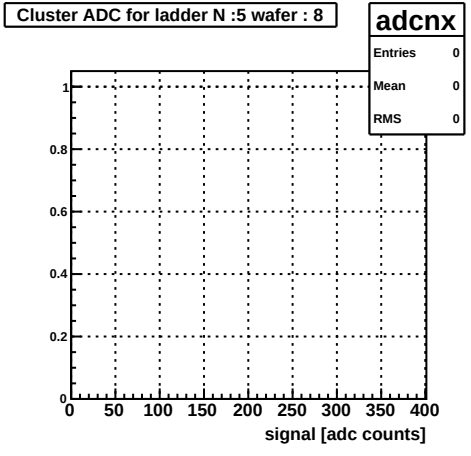

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 3
Mean 54.83
RMS 44.79
signal [adc counts]

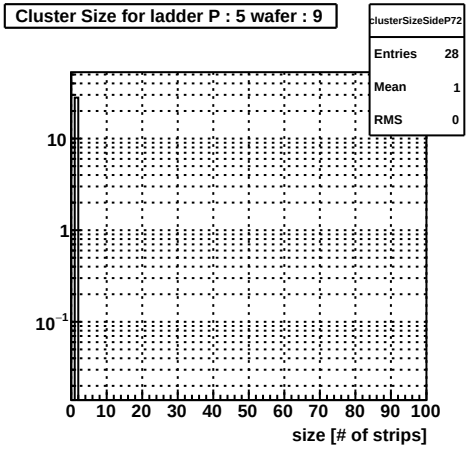

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 78
Mean 1.026
RMS 0.1581
size [# of strips]

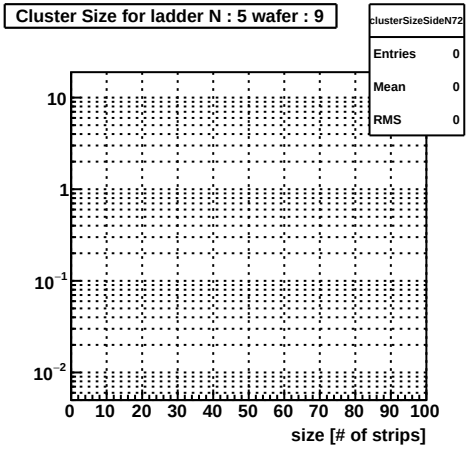

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

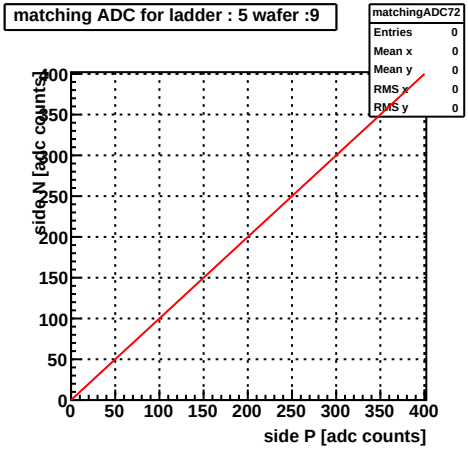

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

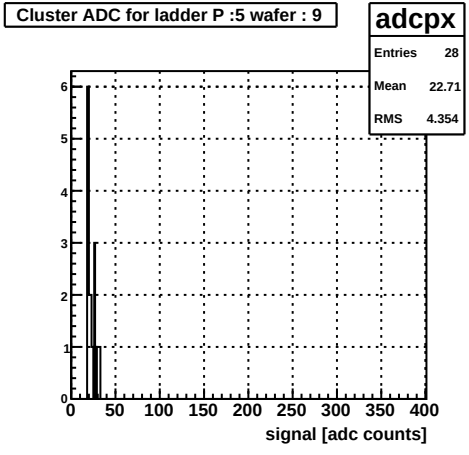

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 78
Mean 22.18
RMS 4.678
signal [adc counts]

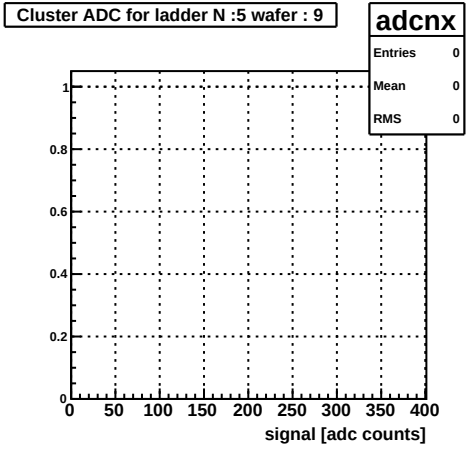

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

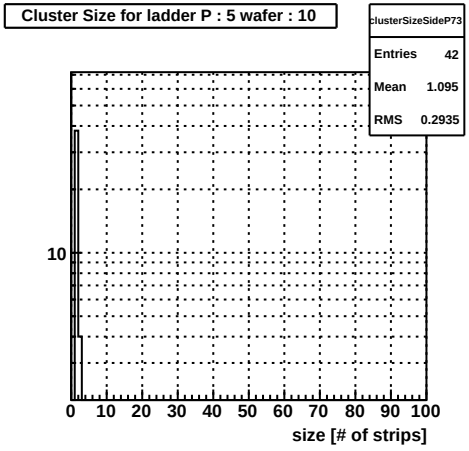

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 28
Mean 1
RMS 0
size [# of strips]

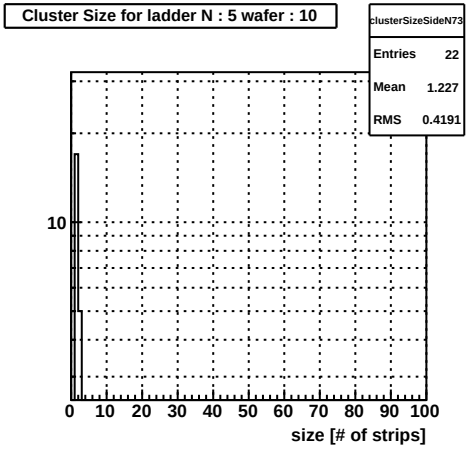

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

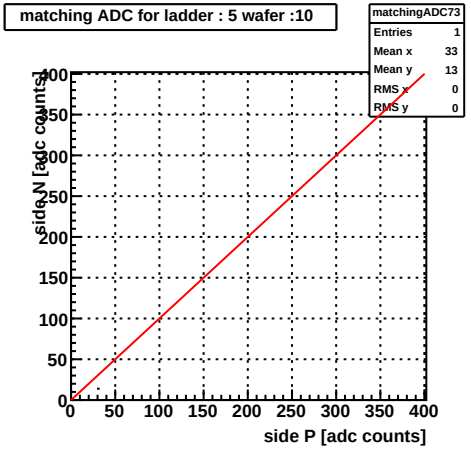

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

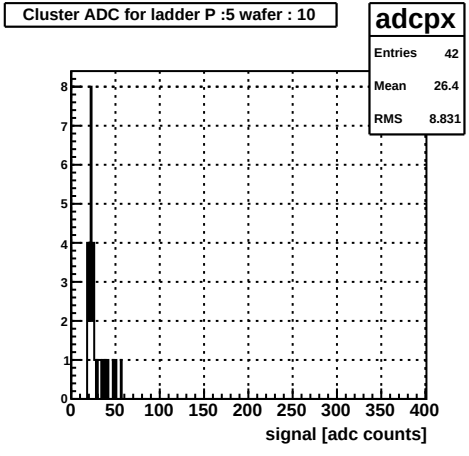

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 28
Mean 22.71
RMS 4.354
signal [adc counts]

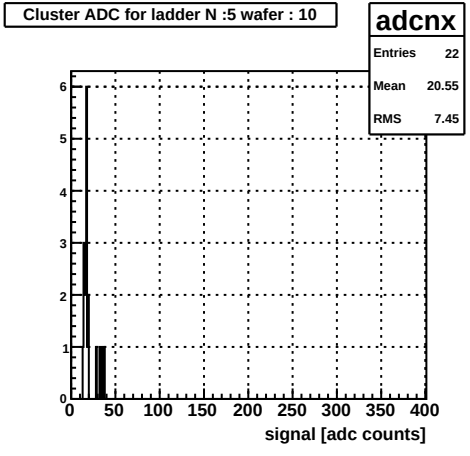

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

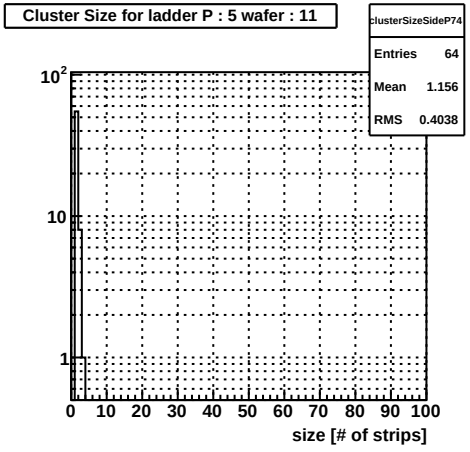

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 42
Mean 1.095
RMS 0.2935
10
0 10 20 30 40 50 60 70 80 90 100
size [# of strips]

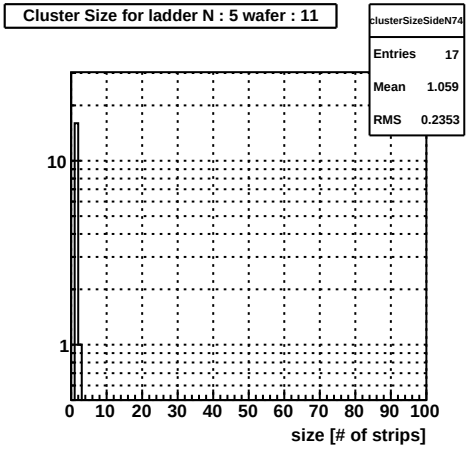

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 22
Mean 1.227
RMS 0.4191
10
0 10 20 30 40 50 60 70 80 90 100
size [# of strips]

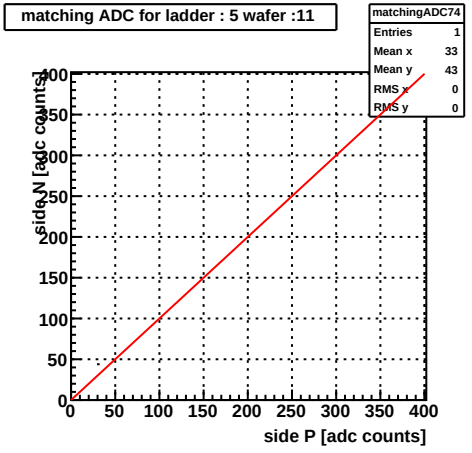

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1
Mean x 33
Mean y 13
RMS x 0
RMS y 0
side N [adc counts]
0 50 100 150 200 250 300 350 400
side P [adc counts]

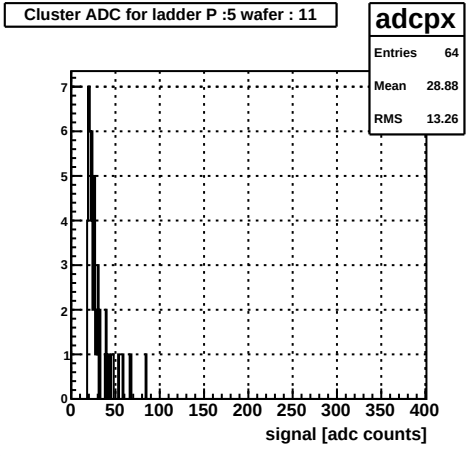

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 42
Mean 26.4
RMS 8.831
0 1 2 3 4 5 6 7 8
0 50 100 150 200 250 300 350 400
signal [adc counts]

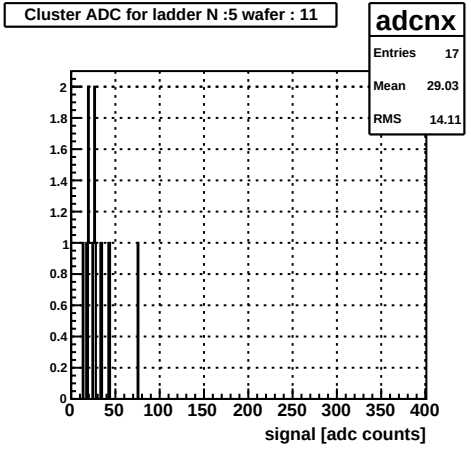

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 22
Mean 20.55
RMS 7.45
0 1 2 3 4 5 6
0 50 100 150 200 250 300 350 400
signal [adc counts]

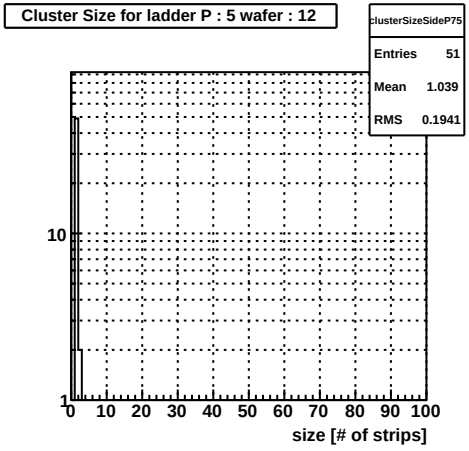

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 64
Mean 1.156
RMS 0.4038
size [# of strips]

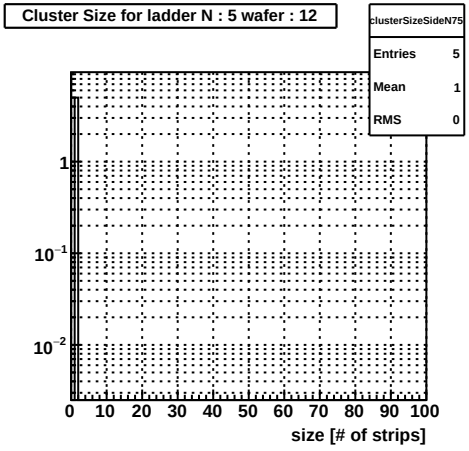

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 17
Mean 1.059
RMS 0.2353
size [# of strips]

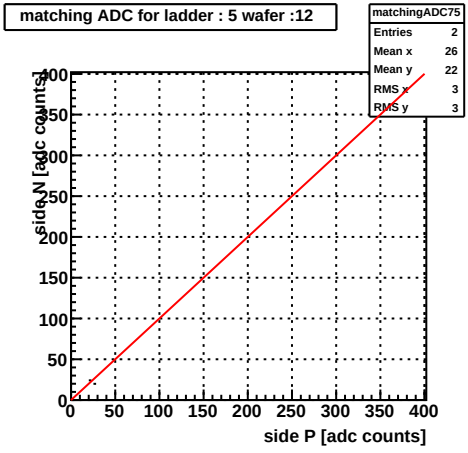

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1
Mean x 33
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

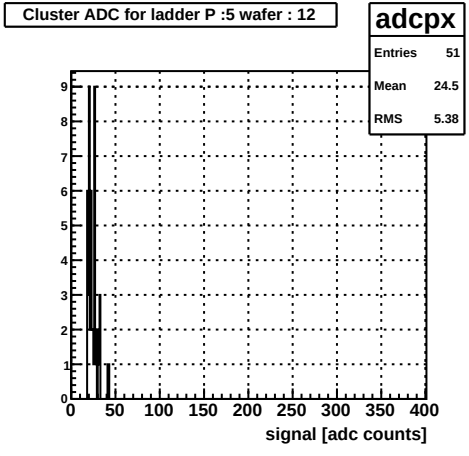

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 64
Mean 28.88
RMS 13.26
signal [adc counts]

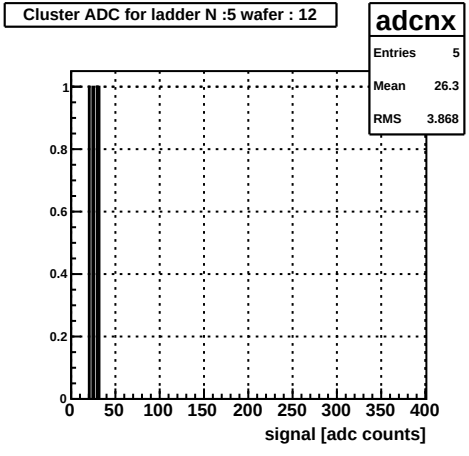

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 17
Mean 29.03
RMS 14.11
signal [adc counts]

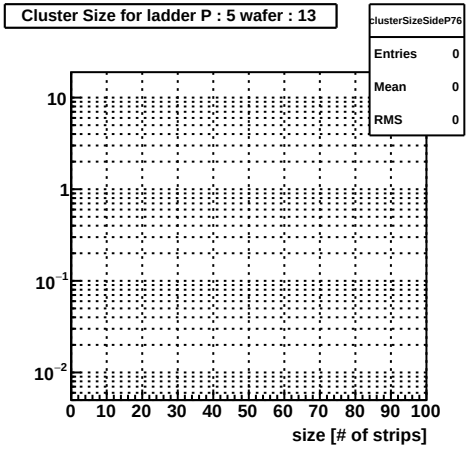

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 51
Mean 1.039
RMS 0.1941
size [# of strips]

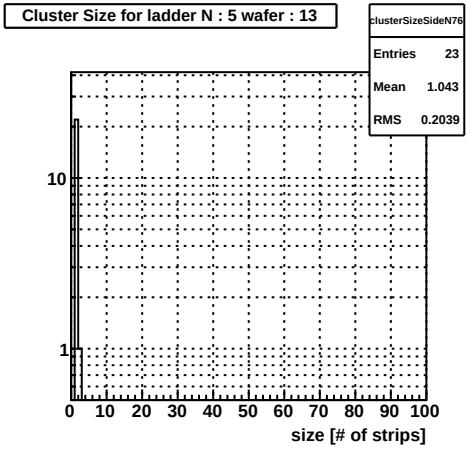

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 5
Mean 1
RMS 0
size [# of strips]

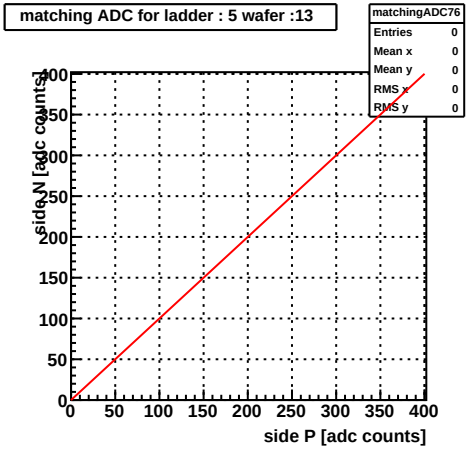

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 2
Mean x 26
Mean y 22
RMS x 3
RMS y 3
side N [adc counts]
side P [adc counts]

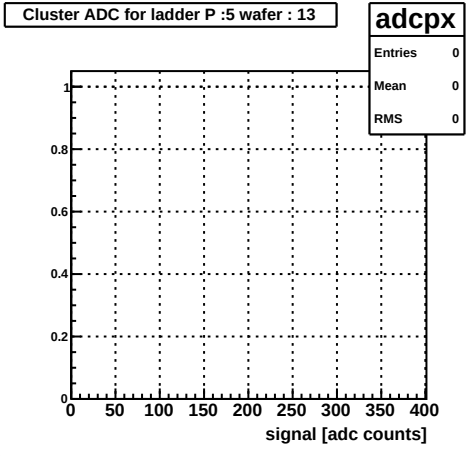

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 51
Mean 24.5
RMS 5.38
signal [adc counts]

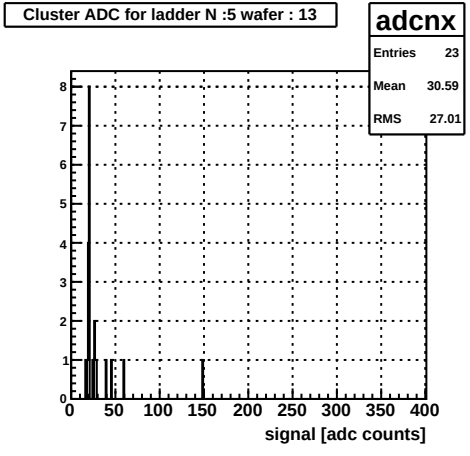

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 5
Mean 26.3
RMS 3.868
signal [adc counts]

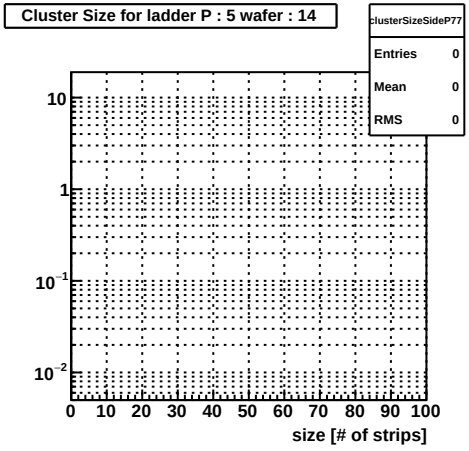

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

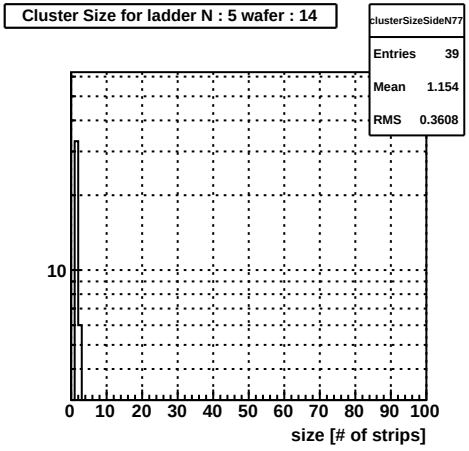

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 23
Mean 1.043
RMS 0.2039
size [# of strips]

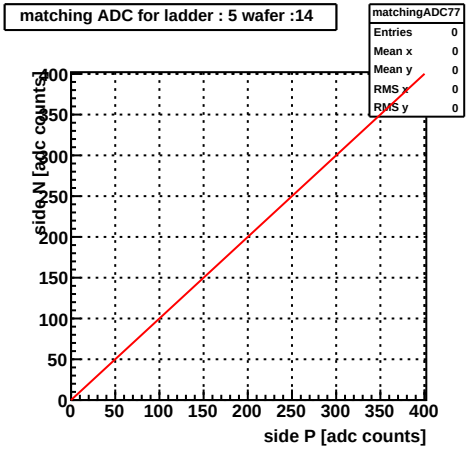

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

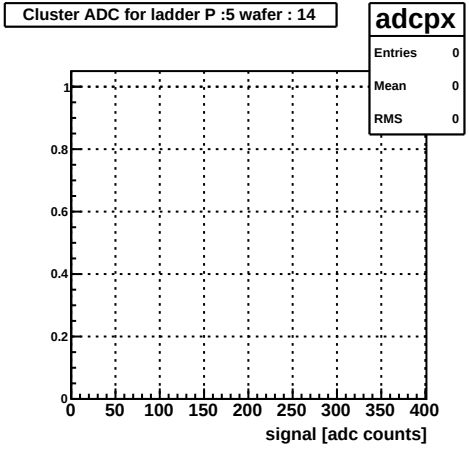

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

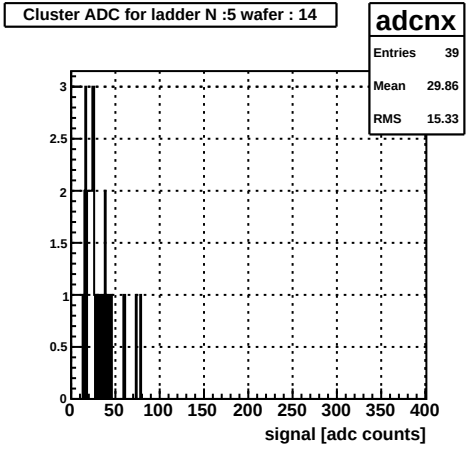

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 23
Mean 30.59
RMS 27.01
signal [adc counts]

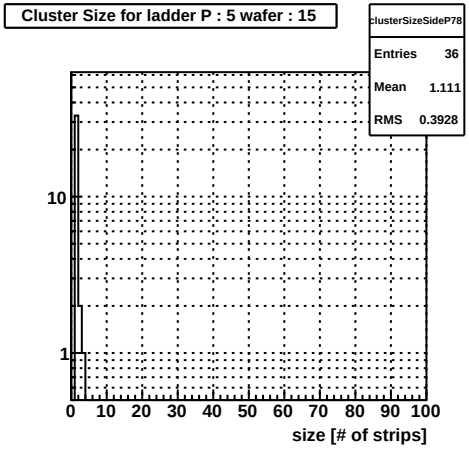

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

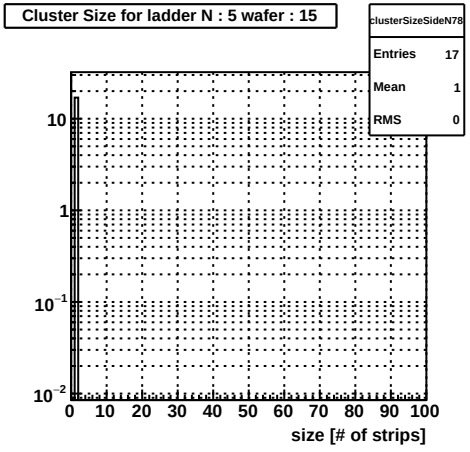

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 39
Mean 1.154
RMS 0.3608
size [# of strips]

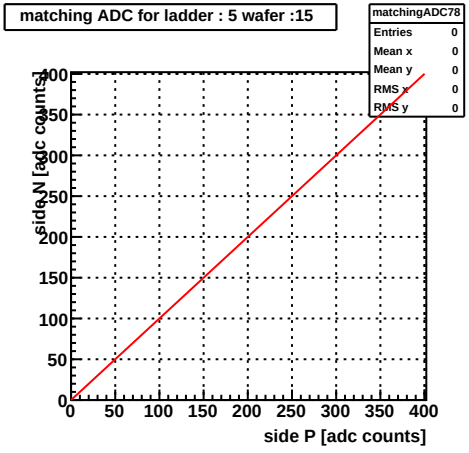

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

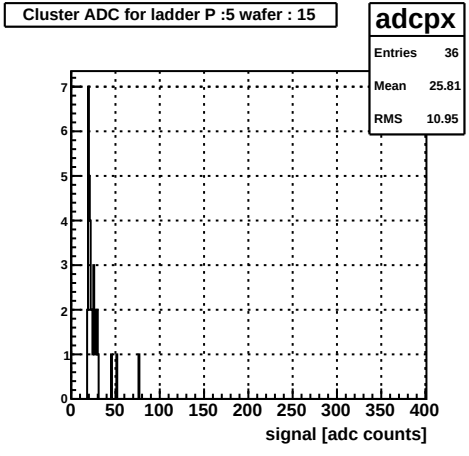

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

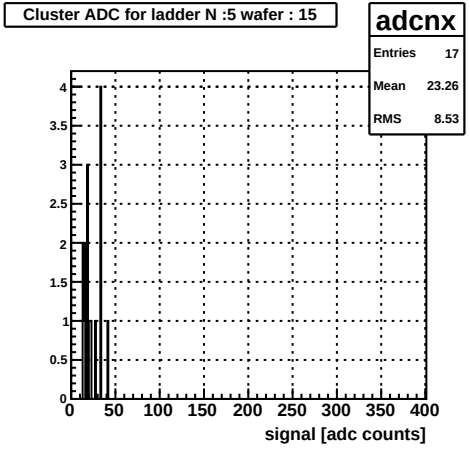

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 39
Mean 29.86
RMS 15.33
signal [adc counts]

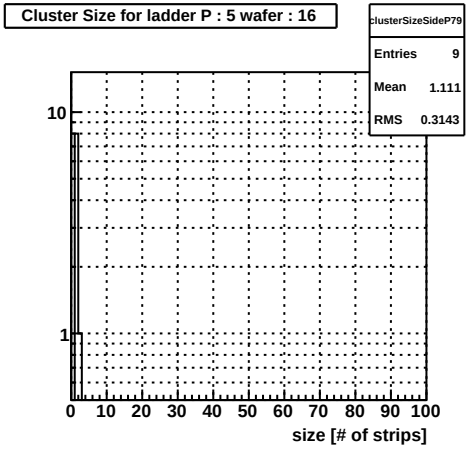

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 36
Mean 1.111
RMS 0.3928
size [# of strips]

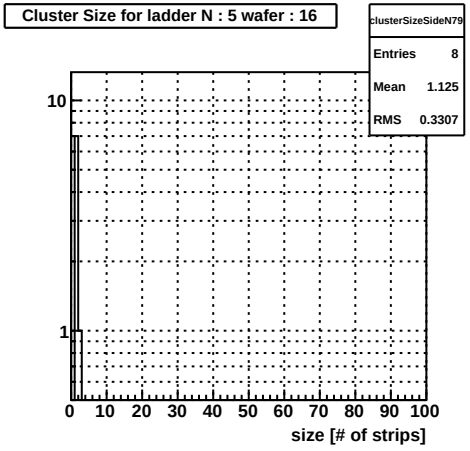

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 17
Mean 1
RMS 0
size [# of strips]

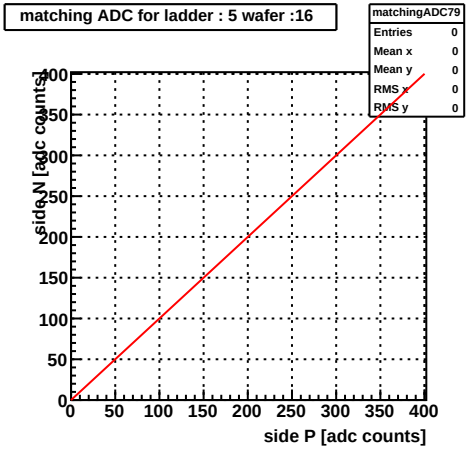

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

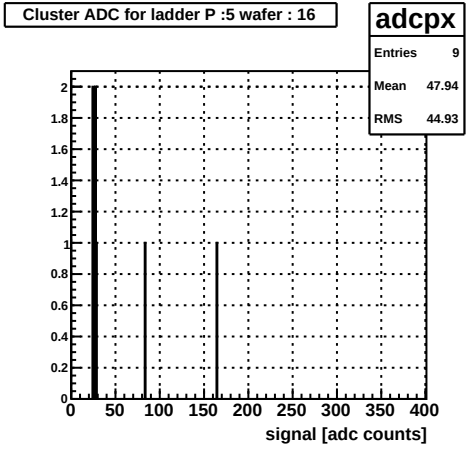

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 36
Mean 25.81
RMS 10.95
signal [adc counts]

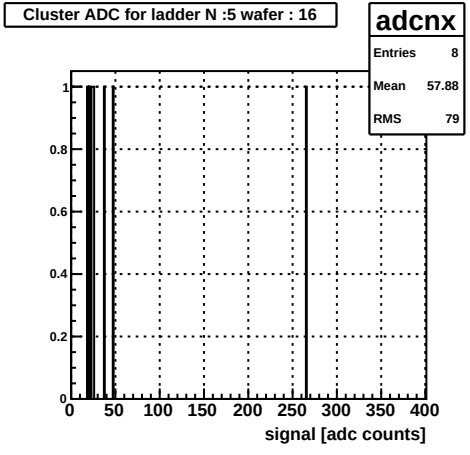

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 17
Mean 23.26
RMS 8.53
signal [adc counts]

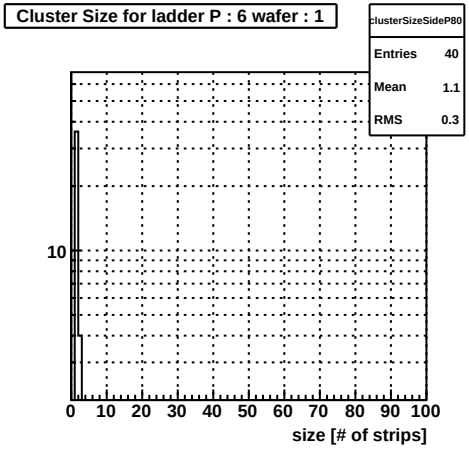

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

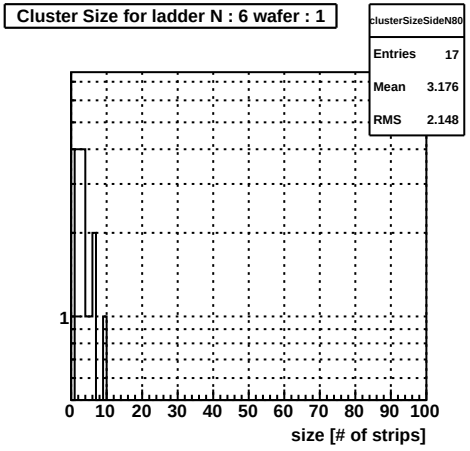

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

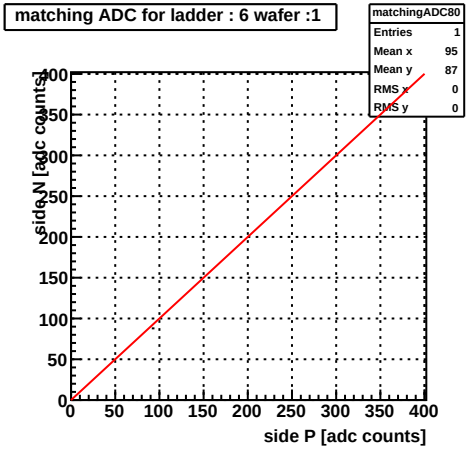

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

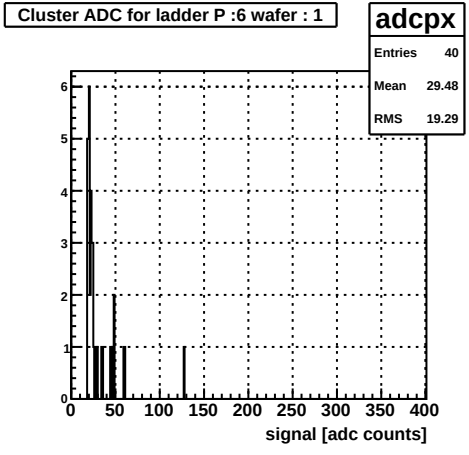

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 9
Mean 47.94
RMS 44.93
signal [adc counts]

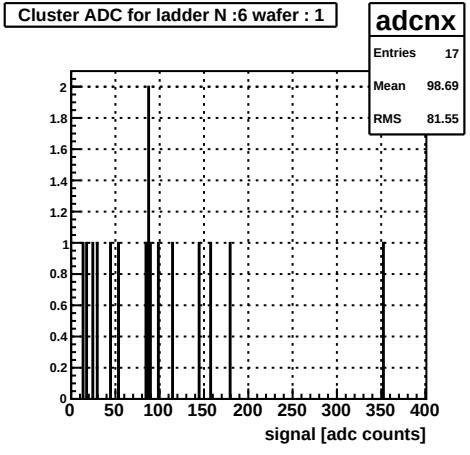

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 8
Mean 57.88
RMS 79
signal [adc counts]

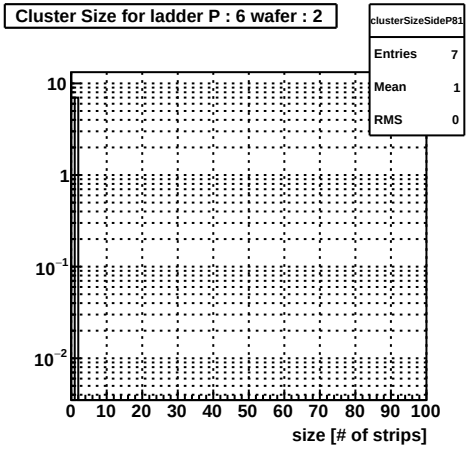

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 40
Mean 1.1
RMS 0.3
size [# of strips]

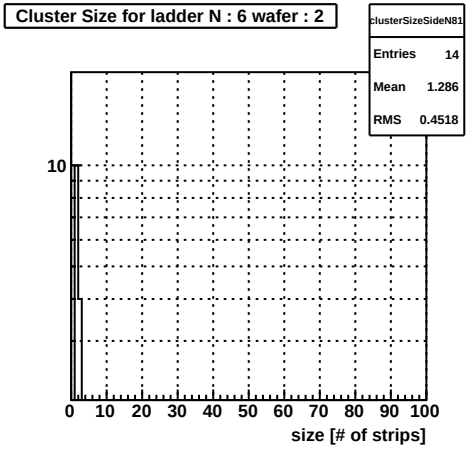

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 17
Mean 3.176
RMS 2.148
size [# of strips]

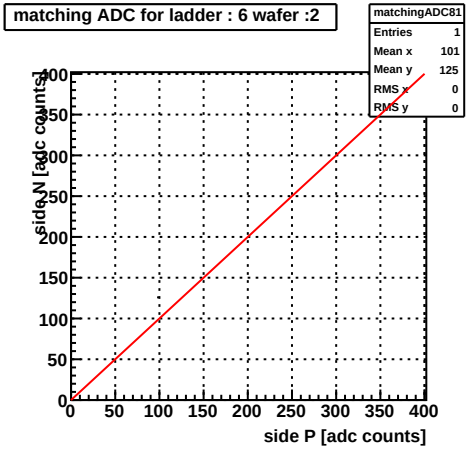

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1
Mean x 95
Mean y 87
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

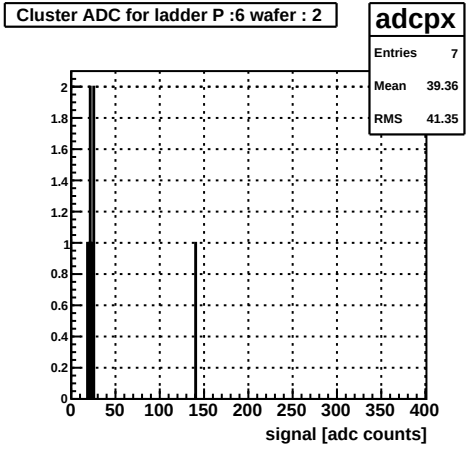

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 40
Mean 29.48
RMS 19.29
signal [adc counts]

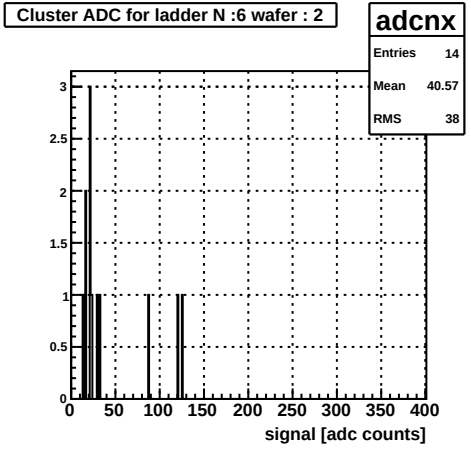

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 17
Mean 98.69
RMS 81.55
signal [adc counts]

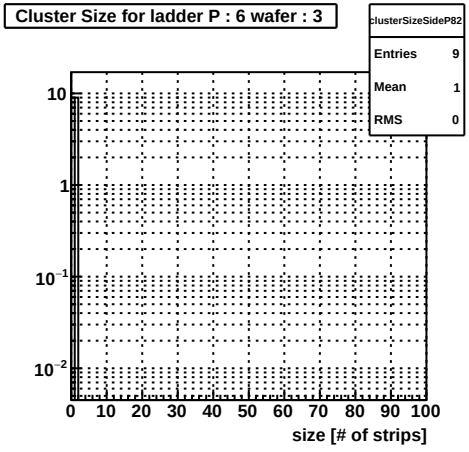

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 7
Mean 1
RMS 0
size [# of strips]

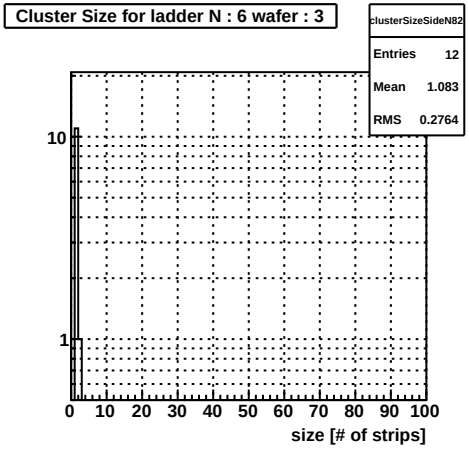

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 14
Mean 1.286
RMS 0.4518
size [# of strips]

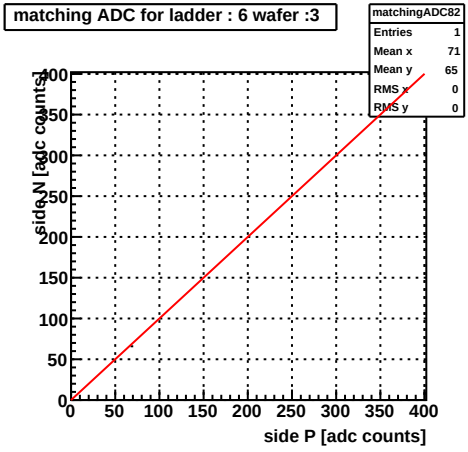

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1
Mean x 101
Mean y 125
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

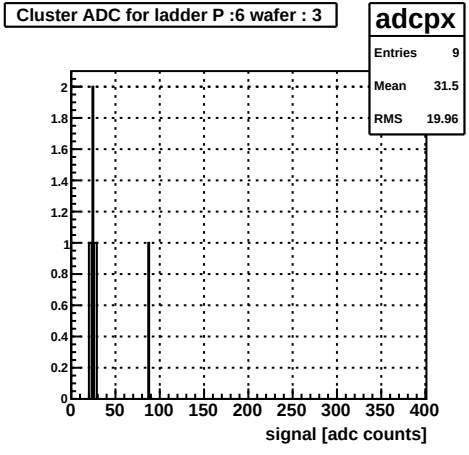

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 7
Mean 39.36
RMS 41.35
signal [adc counts]

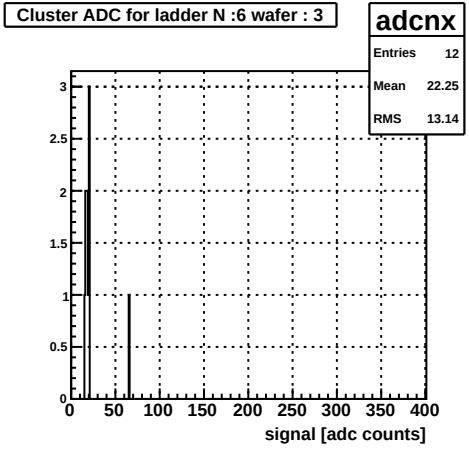

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 14
Mean 40.57
RMS 38
signal [adc counts]

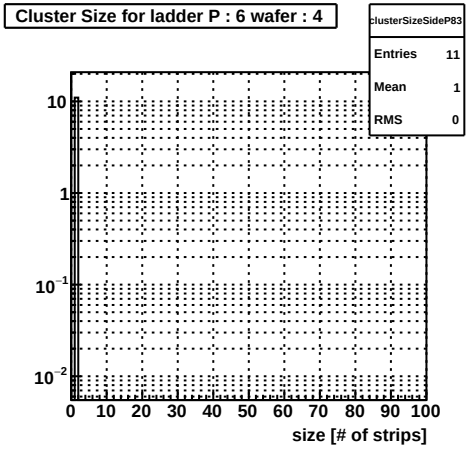

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 9
Mean 1
RMS 0
size [# of strips]

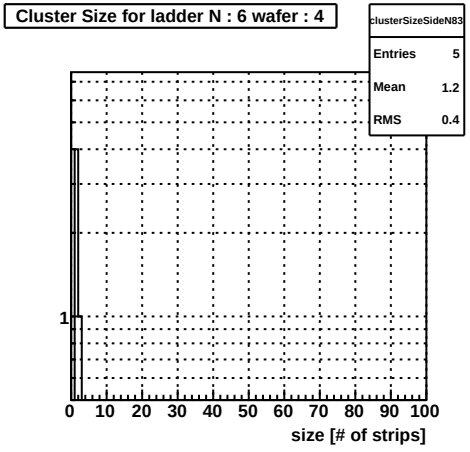

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

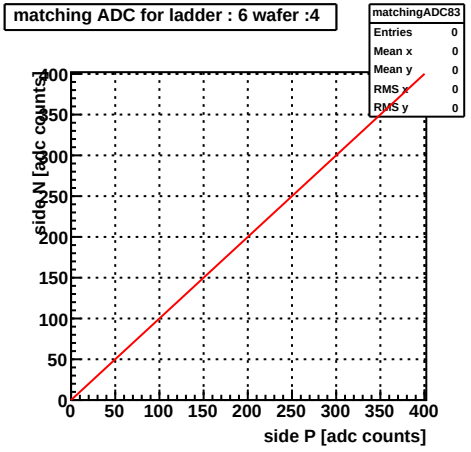

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 1
Mean x 71
Mean y 65
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

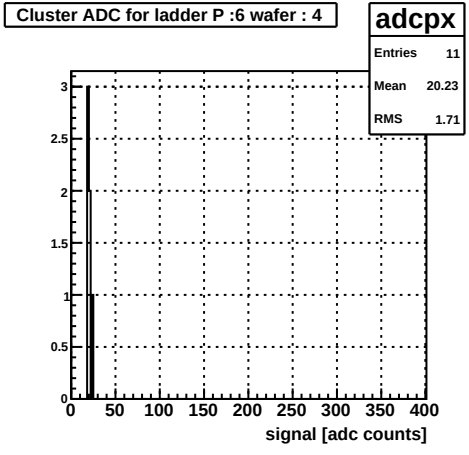

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 9
Mean 31.5
RMS 19.96
signal [adc counts]

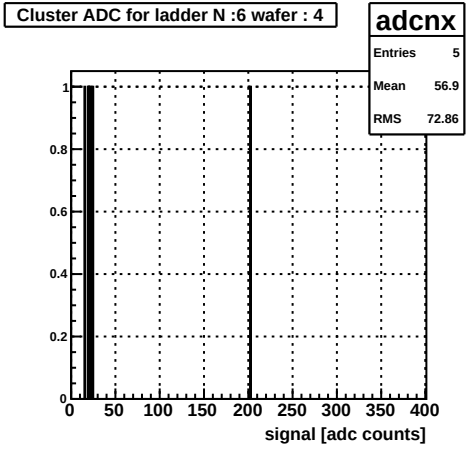

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 12
Mean 22.25
RMS 13.14
signal [adc counts]

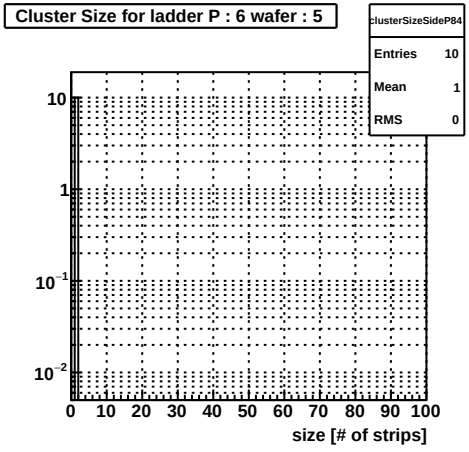

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 11
Mean 1
RMS 0
size [# of strips]

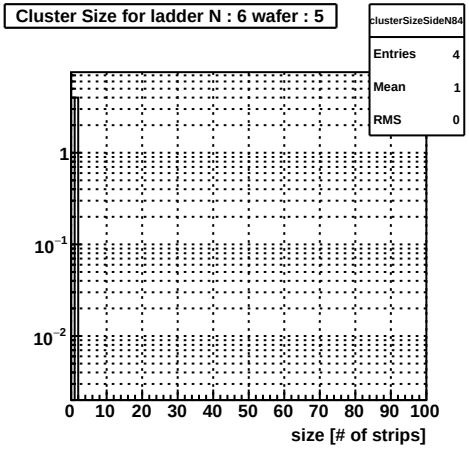

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

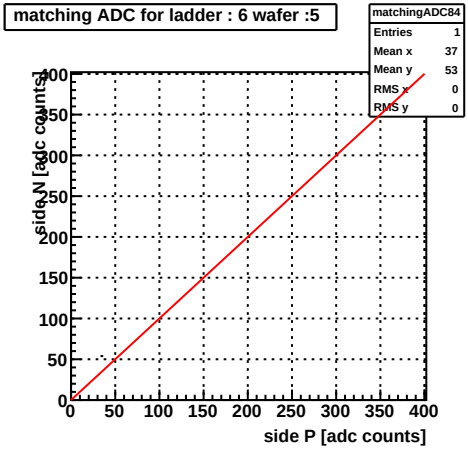

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

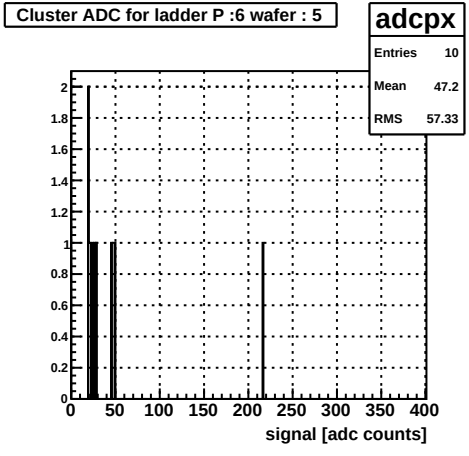

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 11
Mean 20.23
RMS 1.71
signal [adc counts]

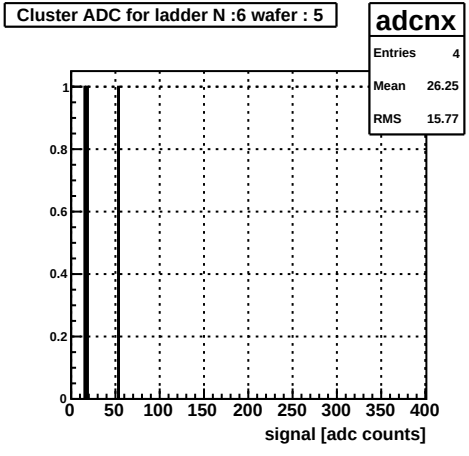

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5
Mean 56.9
RMS 72.86
signal [adc counts]

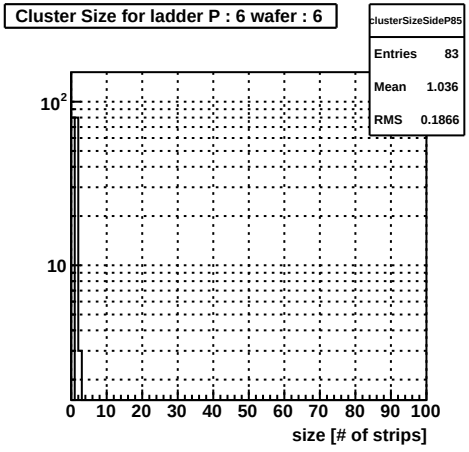

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 10
Mean 1
RMS 0
size [# of strips]

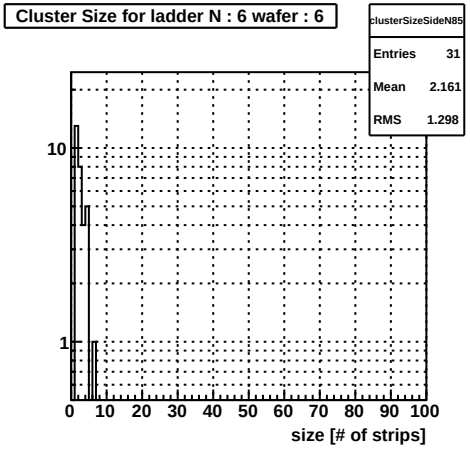

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 4
Mean 1
RMS 0
size [# of strips]

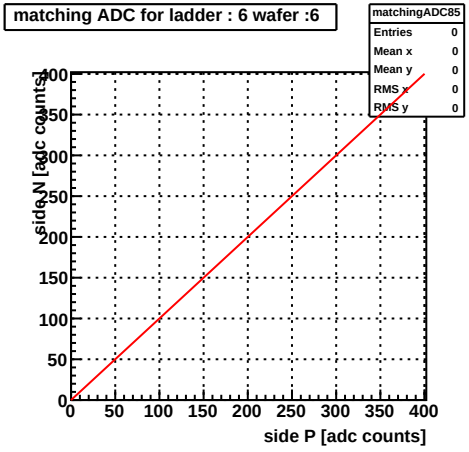

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1
Mean x 37
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

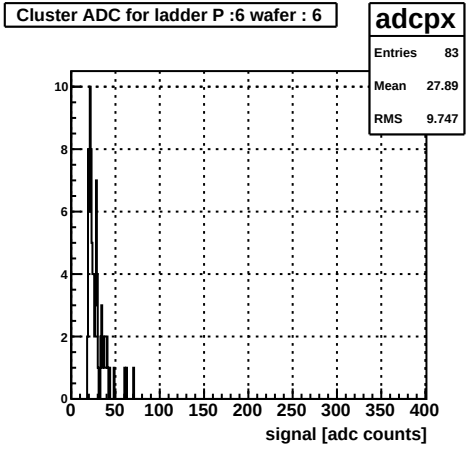

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 10
Mean 47.2
RMS 57.33
signal [adc counts]

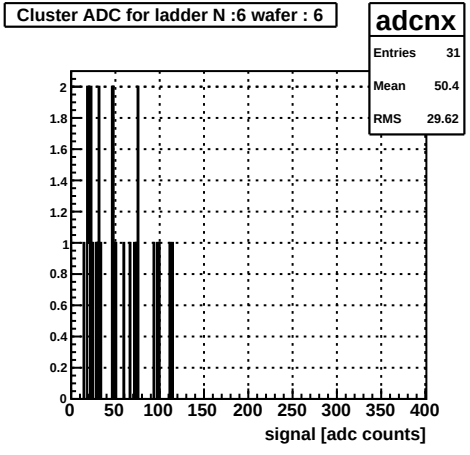

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 4
Mean 26.25
RMS 15.77
signal [adc counts]

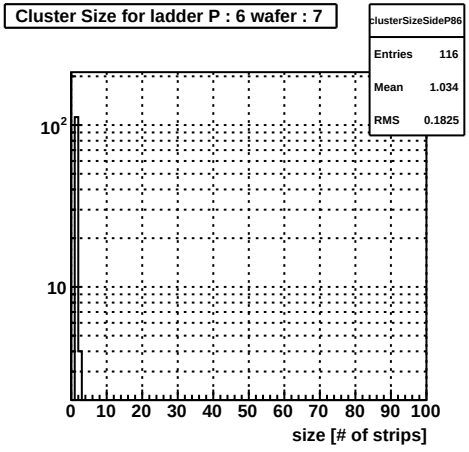

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 83
Mean 1.036
RMS 0.1866
size [# of strips]

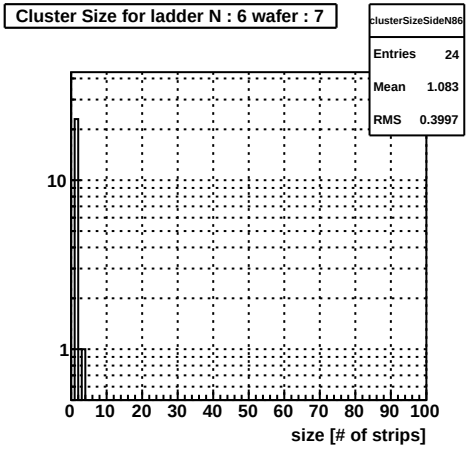

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 31
Mean 2.161
RMS 1.298
size [# of strips]

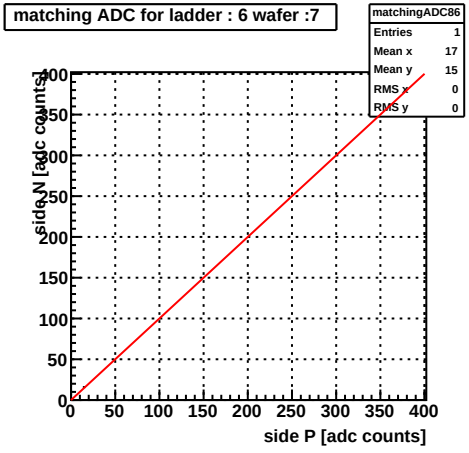

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

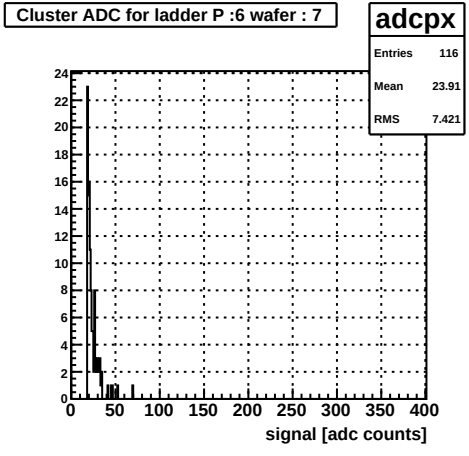

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 83
Mean 27.89
RMS 9.747
signal [adc counts]

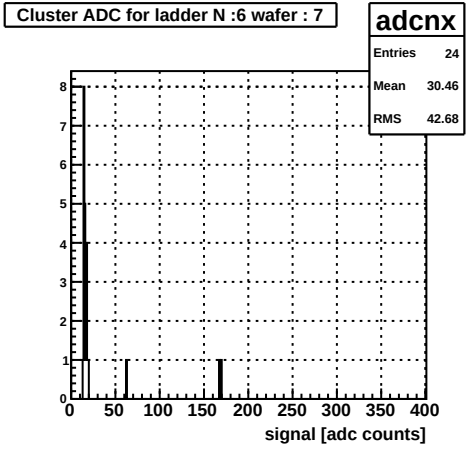

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 31
Mean 50.4
RMS 29.62
signal [adc counts]

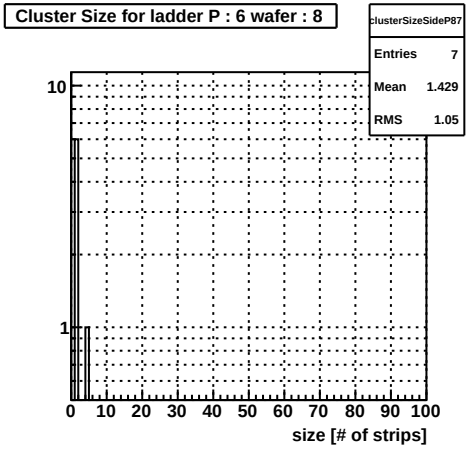

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 116
Mean 1.034
RMS 0.1825
size [# of strips]

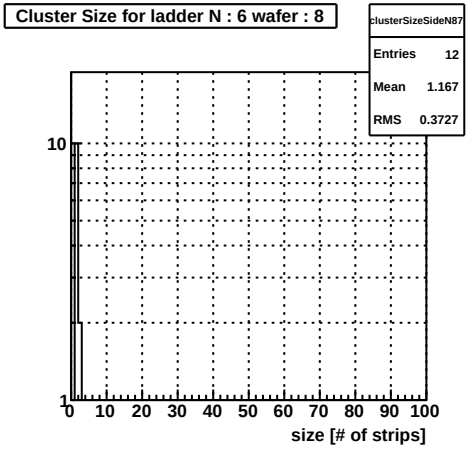

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 24
Mean 1.083
RMS 0.3997
size [# of strips]

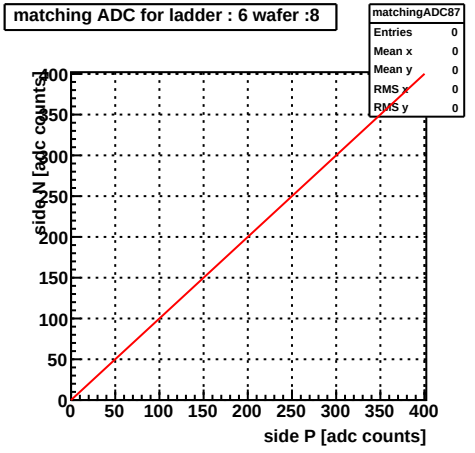

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1
Mean x 17
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

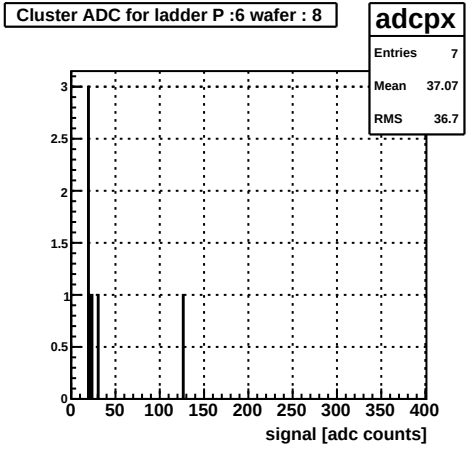

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 116
Mean 23.91
RMS 7.421
signal [adc counts]

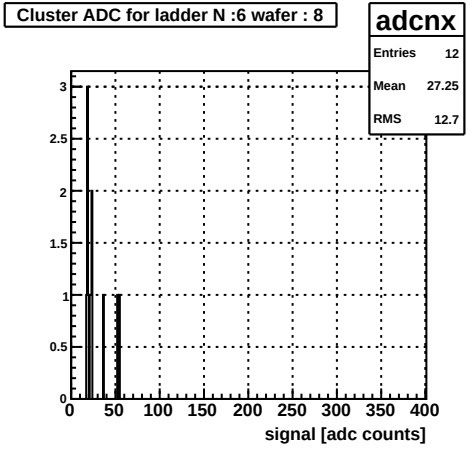

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 24
Mean 30.46
RMS 42.68
signal [adc counts]

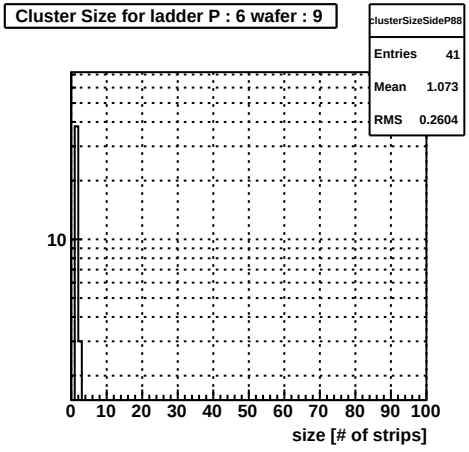

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 7
Mean 1.429
RMS 1.05
size [# of strips]

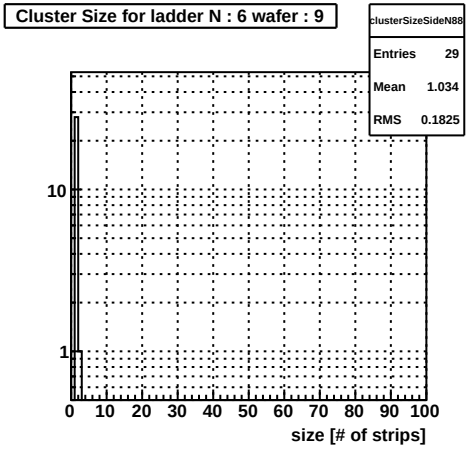

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

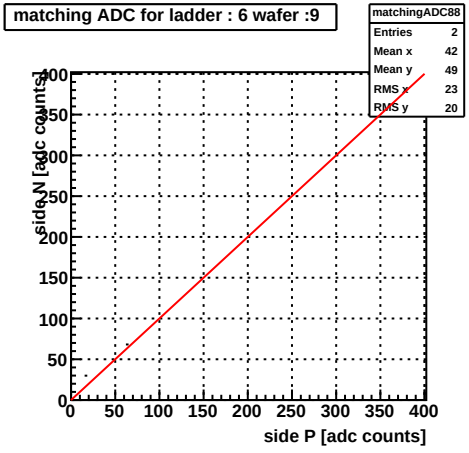

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

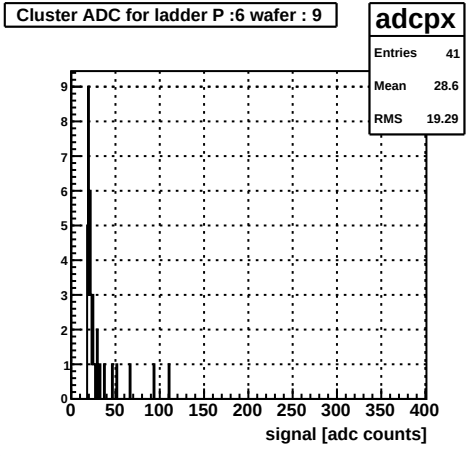

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 7
Mean 37.07
RMS 36.7
signal [adc counts]

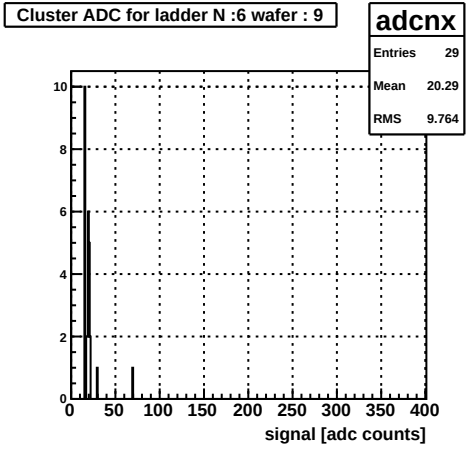

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 12
Mean 27.25
RMS 12.7
signal [adc counts]

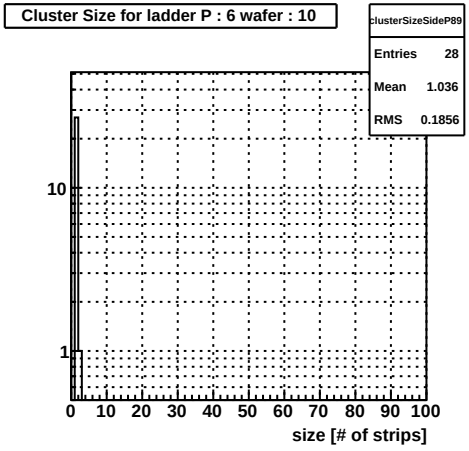

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 41
Mean 1.073
RMS 0.2604
size [# of strips]

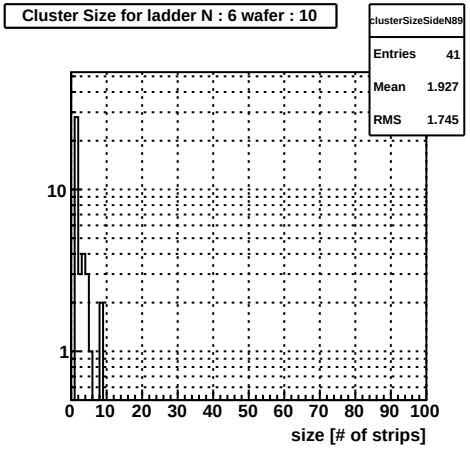

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 29
Mean 1.034
RMS 0.1825
size [# of strips]

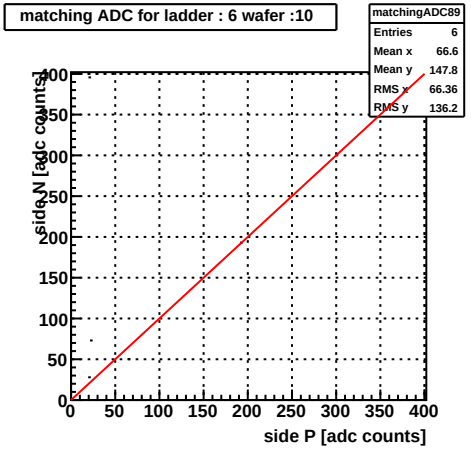

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 2
Mean x 42
Mean y 49
RMS x 23
RMS y 20
side N [adc counts]
side P [adc counts]

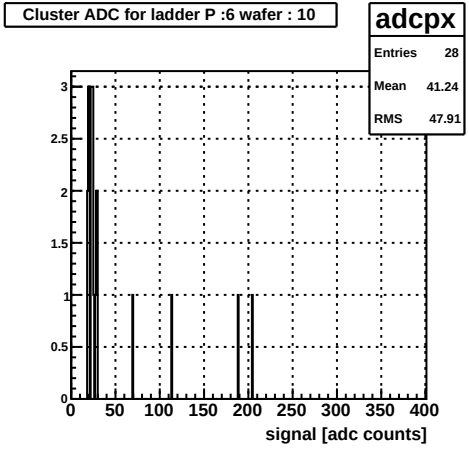

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 41
Mean 28.6
RMS 19.29
signal [adc counts]

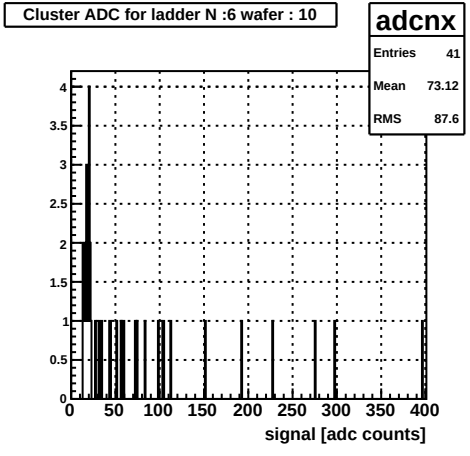

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 29
Mean 20.29
RMS 9.764
signal [adc counts]

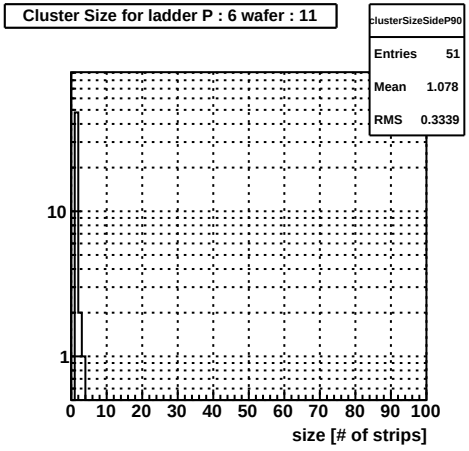

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

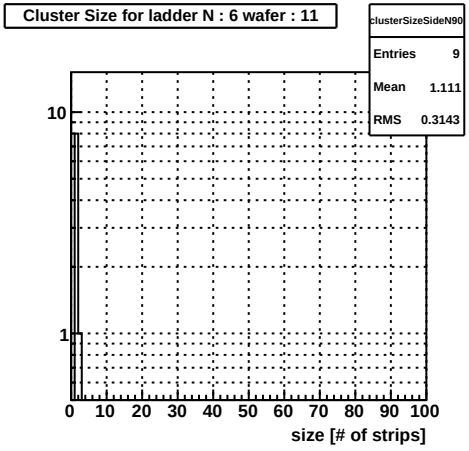

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 41
Mean 1.927
RMS 1.745
size [# of strips]

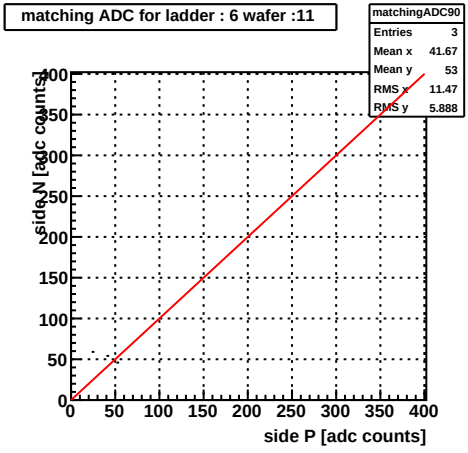

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 6
Mean x 66.6
Mean y 147.8
RMS x 66.36
RMS y 136.2
side N [adc counts]
side P [adc counts]

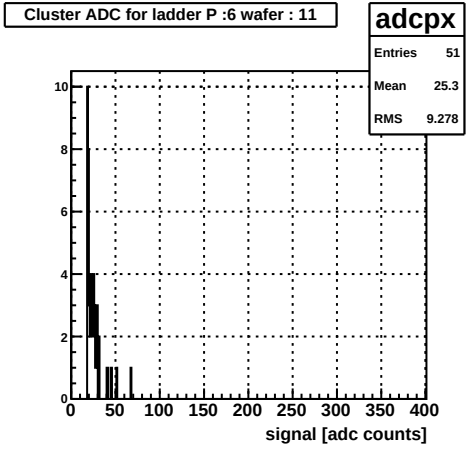

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 28
Mean 41.24
RMS 47.91
signal [adc counts]

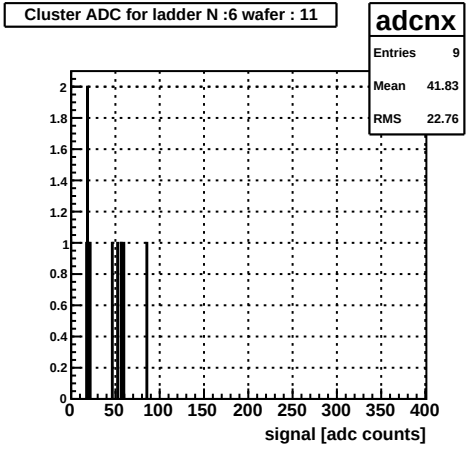

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 41
Mean 73.12
RMS 87.6
signal [adc counts]

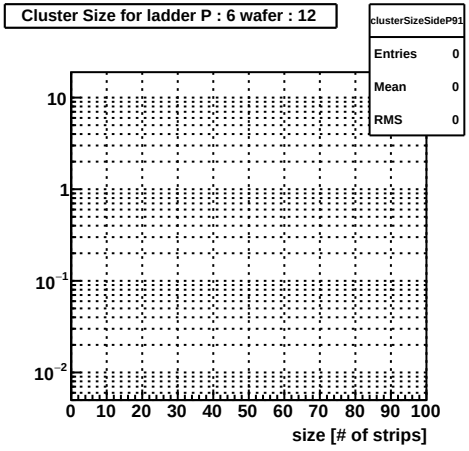

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 51
Mean 1.078
RMS 0.3339
size [# of strips]

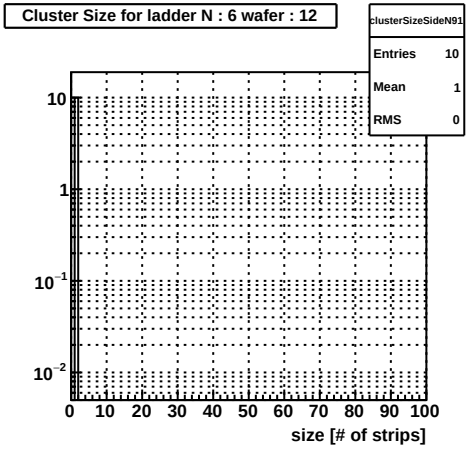

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

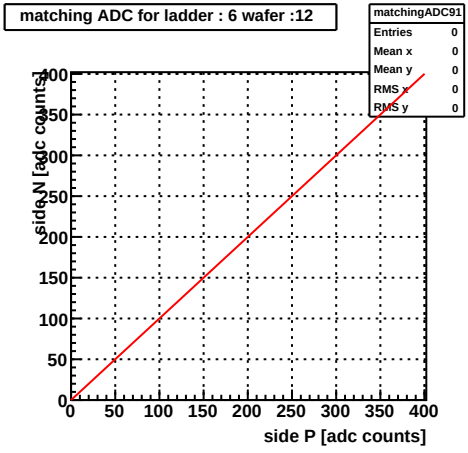

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 3
Mean x 41.67
Mean y 53
RMS x 11.47
RMS y 5.888
side N [adc counts]
side P [adc counts]

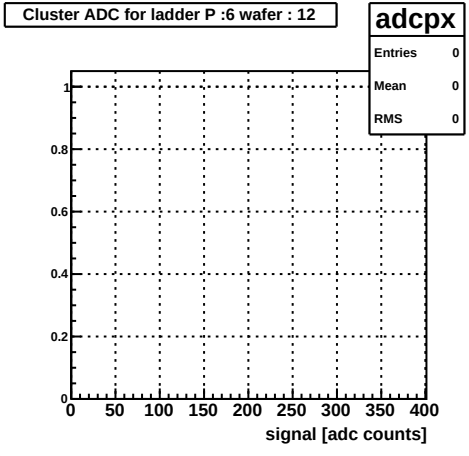

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 51
Mean 25.3
RMS 9.278
signal [adc counts]

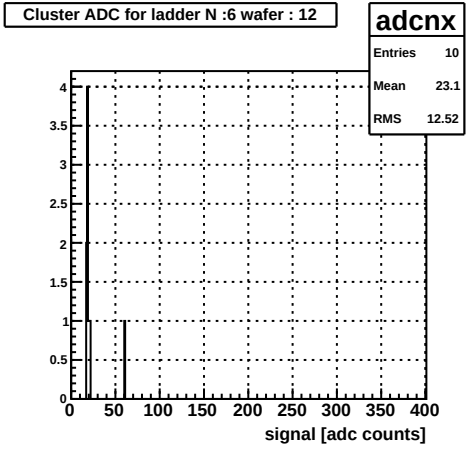

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 9
Mean 41.83
RMS 22.76
signal [adc counts]

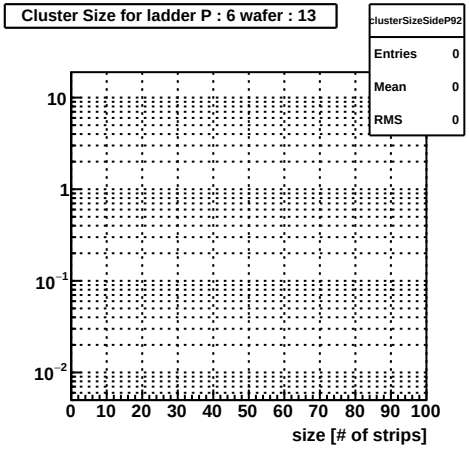

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

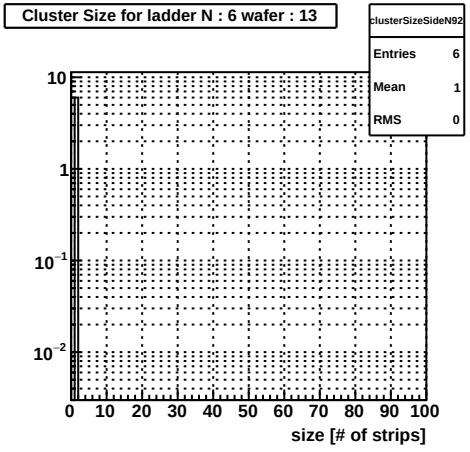

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 10
Mean 1
RMS 0
size [# of strips]

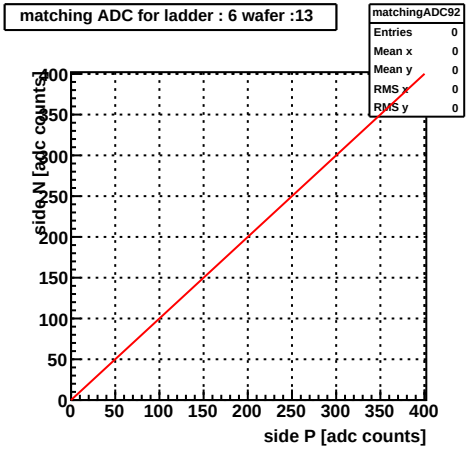

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

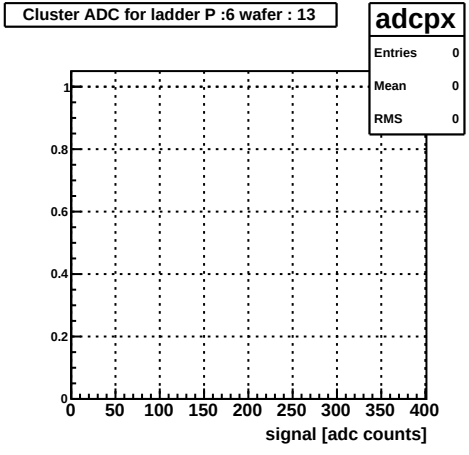

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

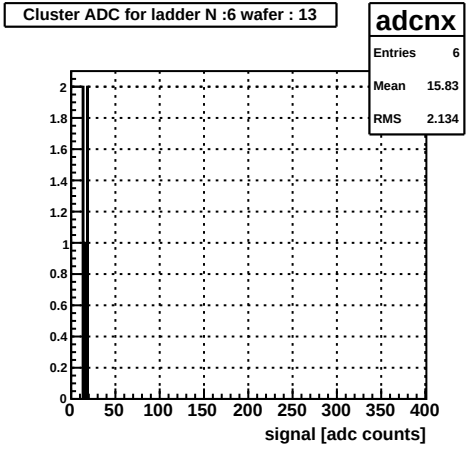

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 10
Mean 23.1
RMS 12.52
signal [adc counts]

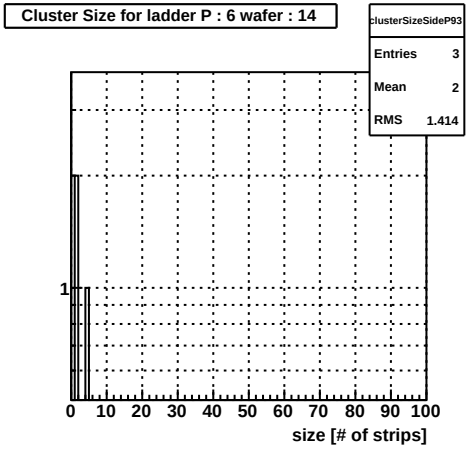

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 0
Mean 0
RMS 0
size [# of strips]

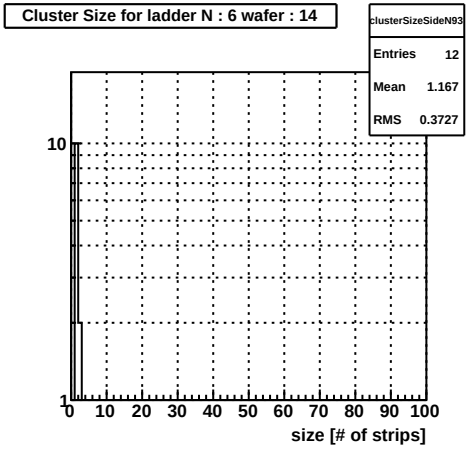

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 6
Mean 1
RMS 0
size [# of strips]

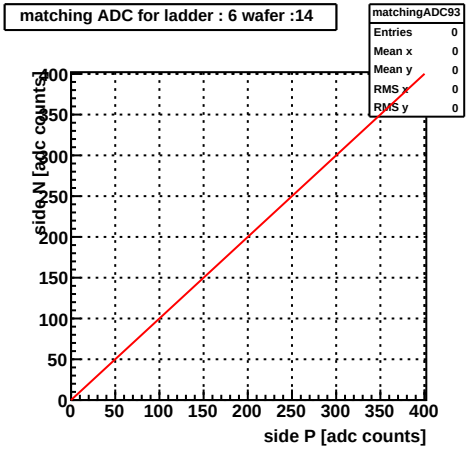

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

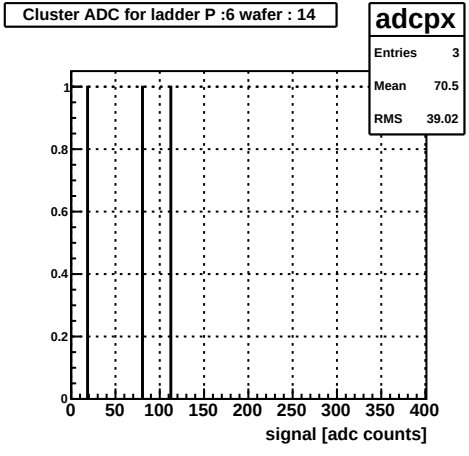

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

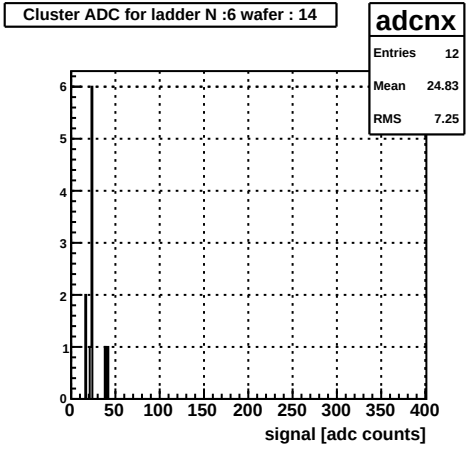

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 6
Mean 15.83
RMS 2.134
signal [adc counts]

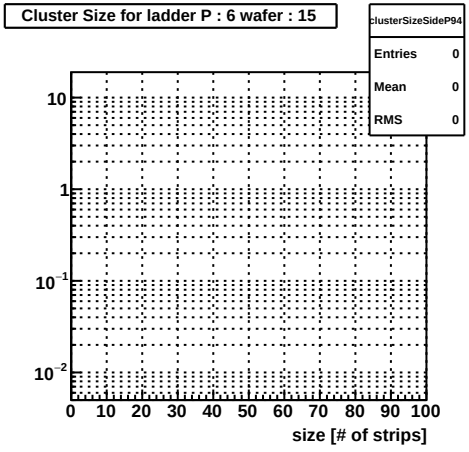

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 3
Mean 2
RMS 1.414
size [# of strips]

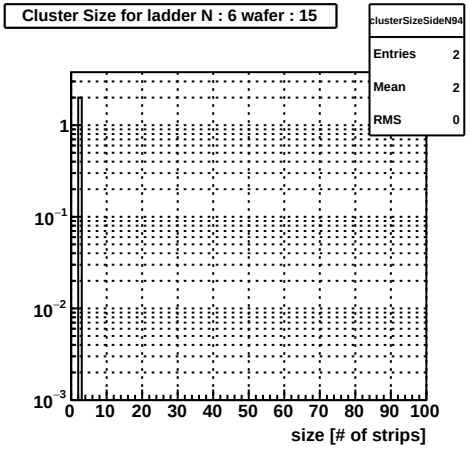

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

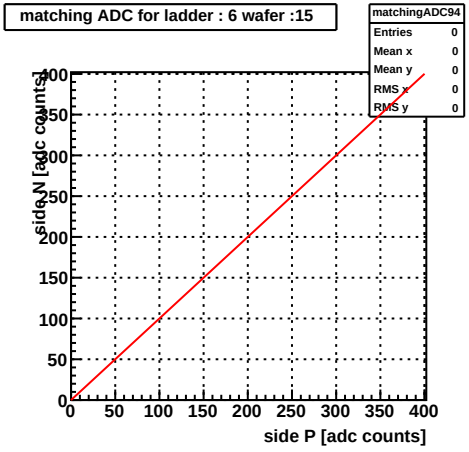

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

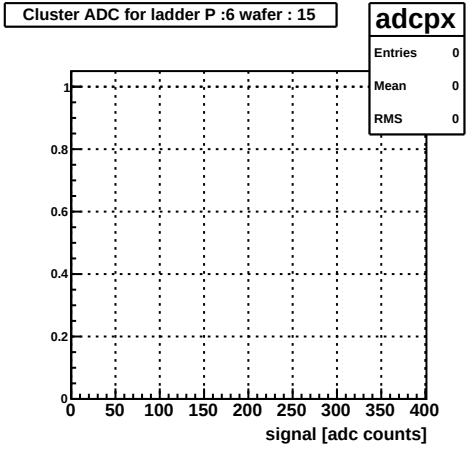

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 3
Mean 70.5
RMS 39.02
signal [adc counts]

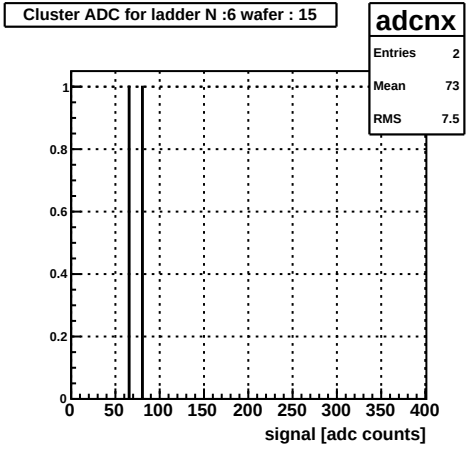

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 12
Mean 24.83
RMS 7.25
signal [adc counts]

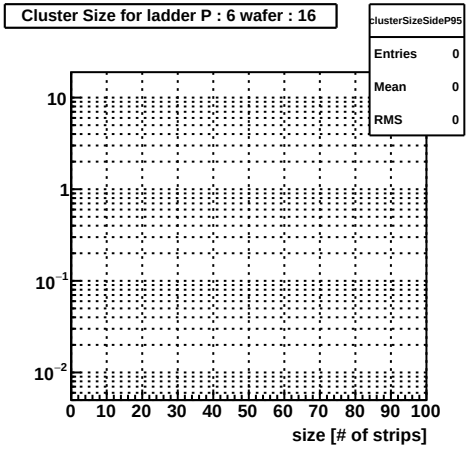

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

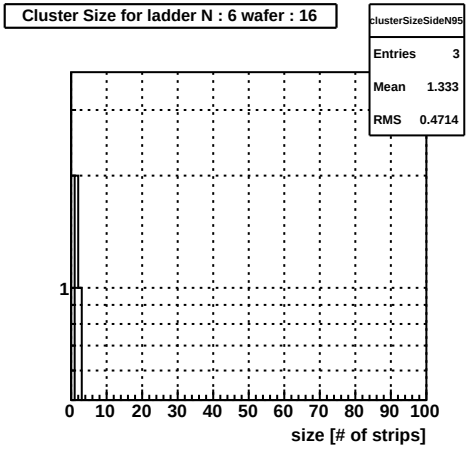

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 2
Mean 2
RMS 0
size [# of strips]

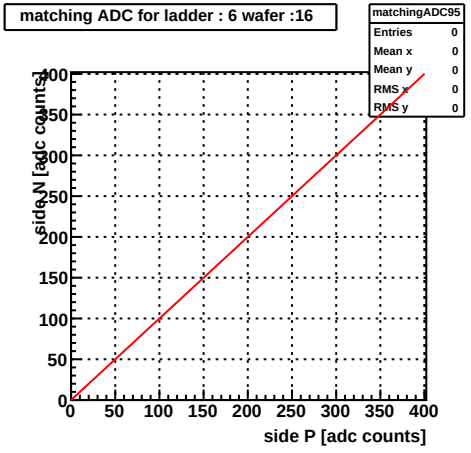

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

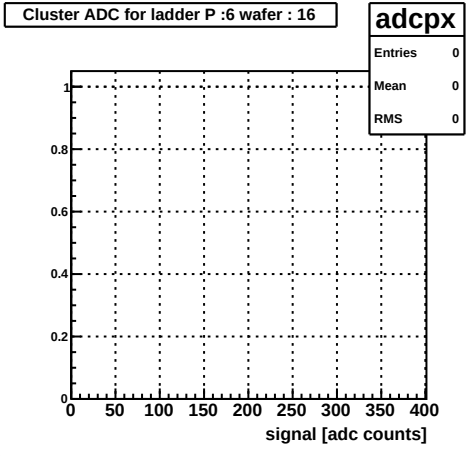

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

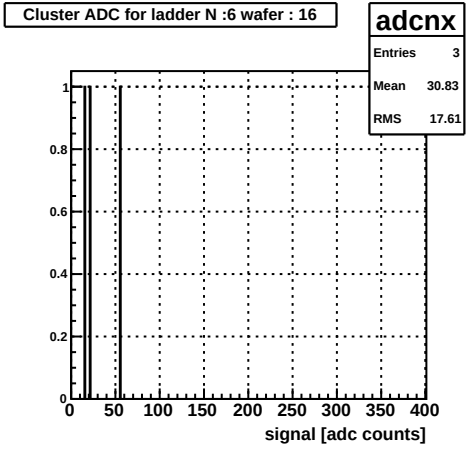

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 2
Mean 73
RMS 7.5
signal [adc counts]

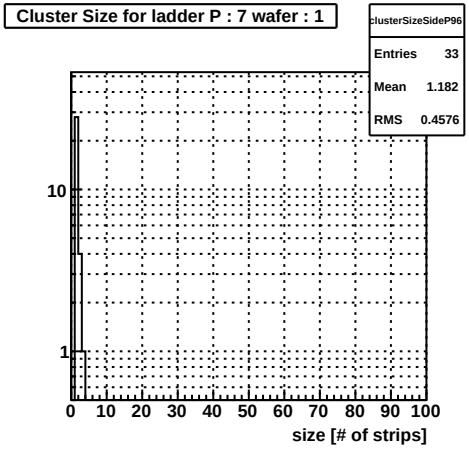

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

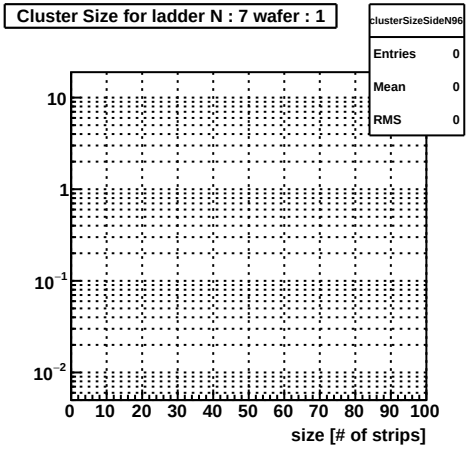

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

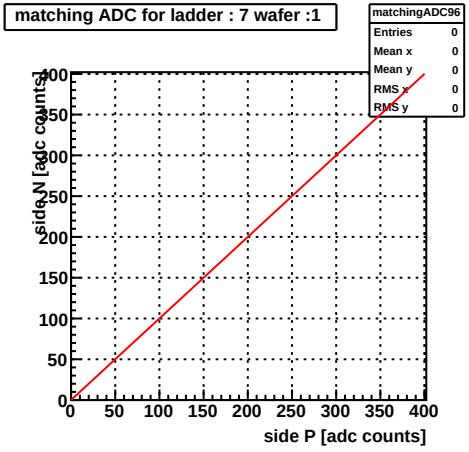

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

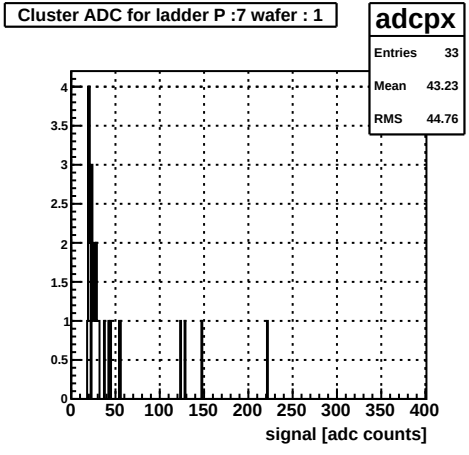

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

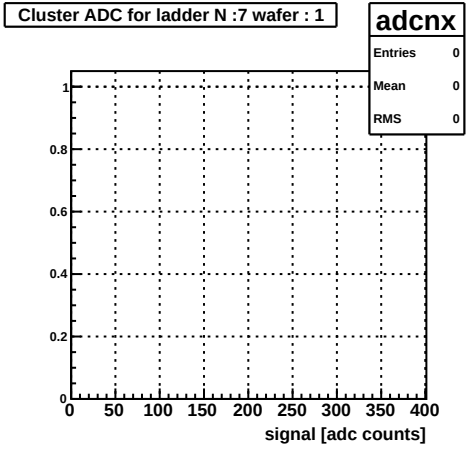

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 3
Mean 30.83
RMS 17.61
signal [adc counts]

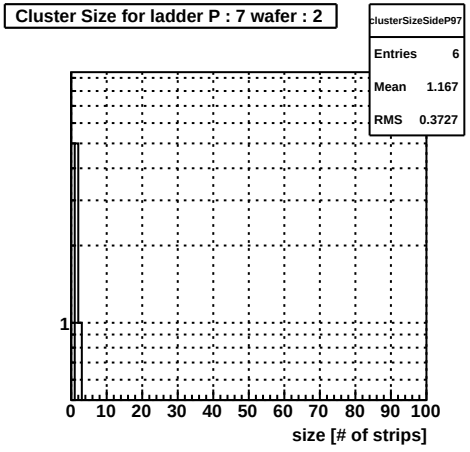

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 33
Mean 1.182
RMS 0.4576
size [# of strips]

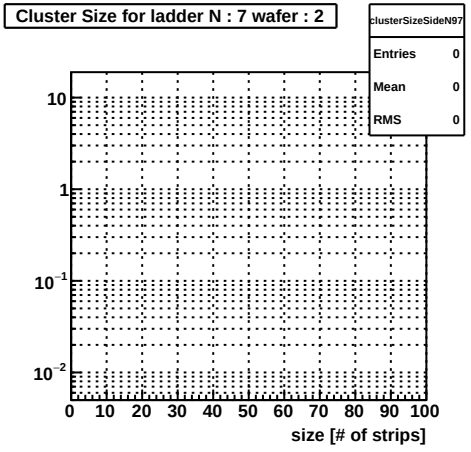

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

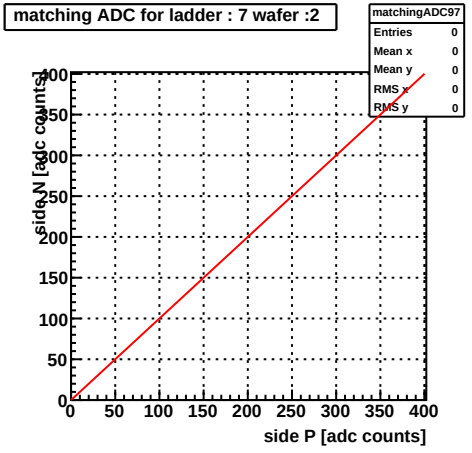

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

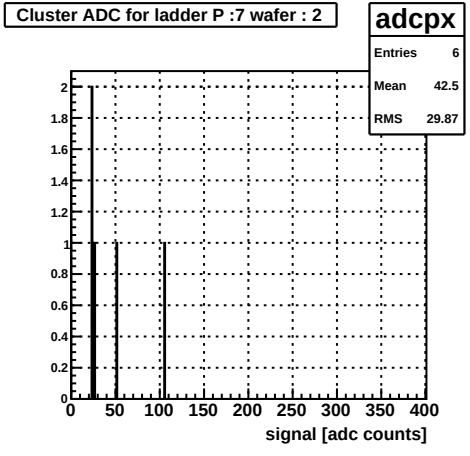

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 33
Mean 43.23
RMS 44.76
signal [adc counts]

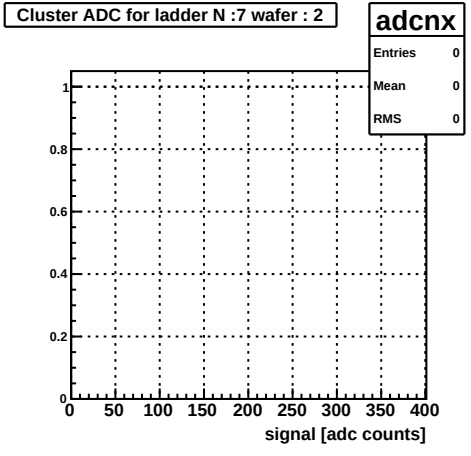

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

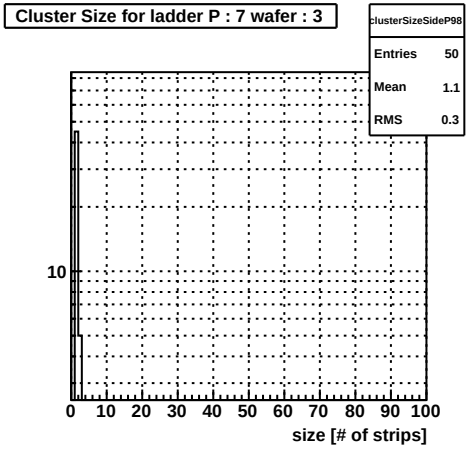

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

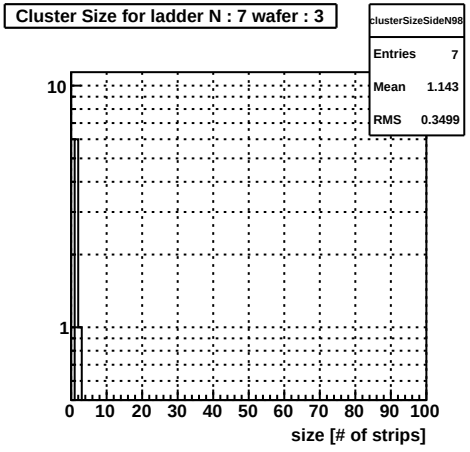

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

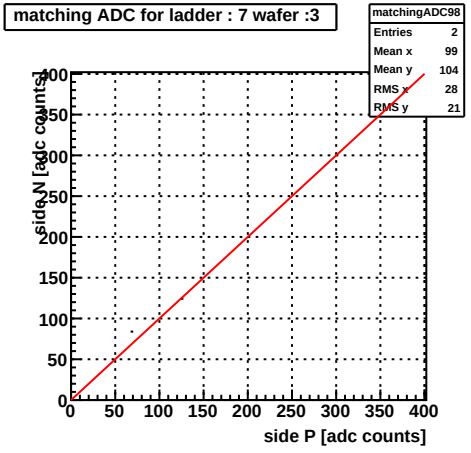

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

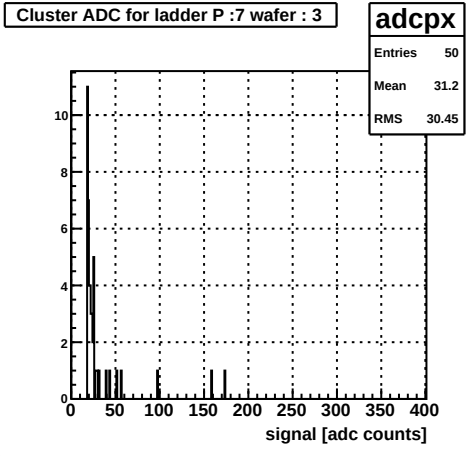

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 6
Mean 42.5
RMS 29.87
signal [adc counts]

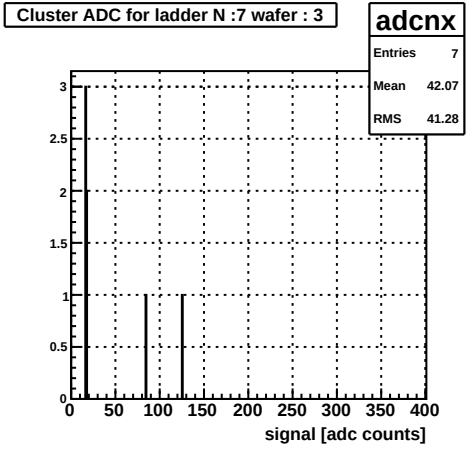

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

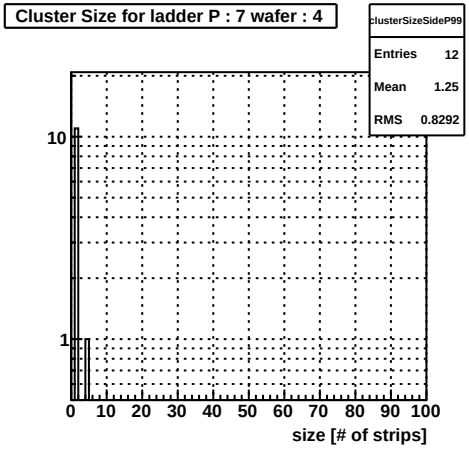

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 50
Mean 1.1
RMS 0.3
size [# of strips]

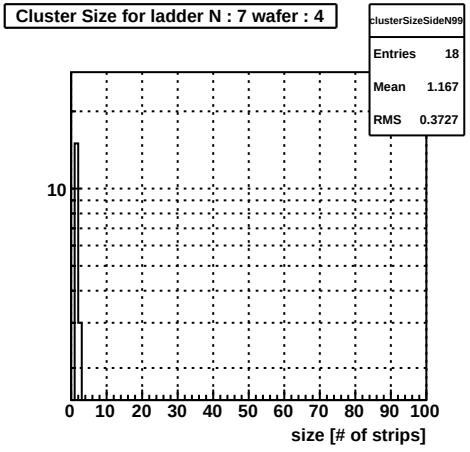

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

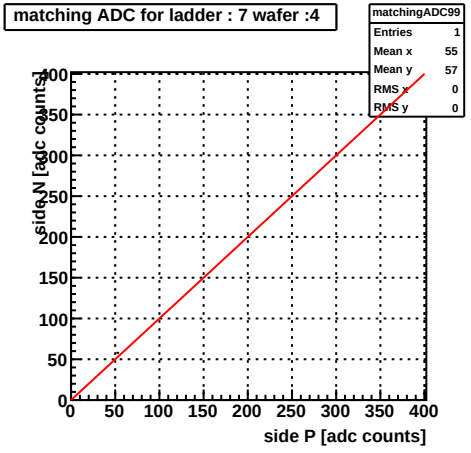

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 2
Mean x 99
Mean y 104
RMS x 28
RMS y 21
side N [adc counts]
side P [adc counts]

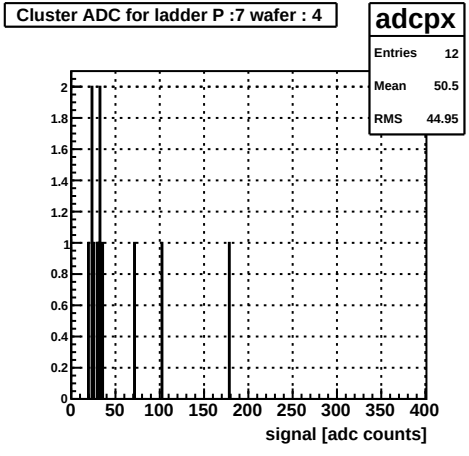

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 50
Mean 31.2
RMS 30.45
signal [adc counts]

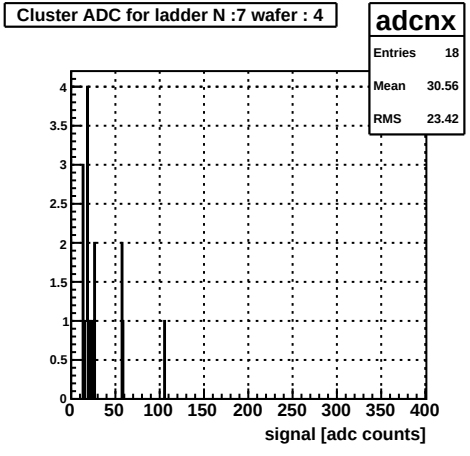

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7
Mean 42.07
RMS 41.28
signal [adc counts]

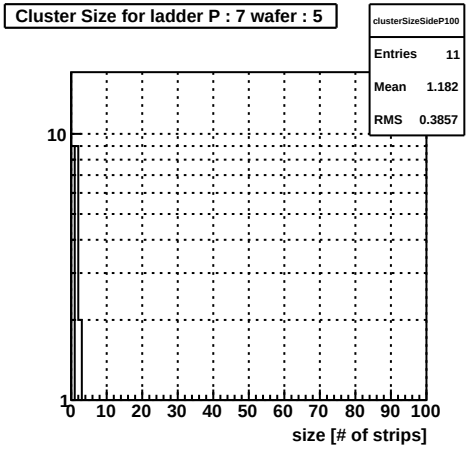

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 12
Mean 1.25
RMS 0.8292
size [# of strips]

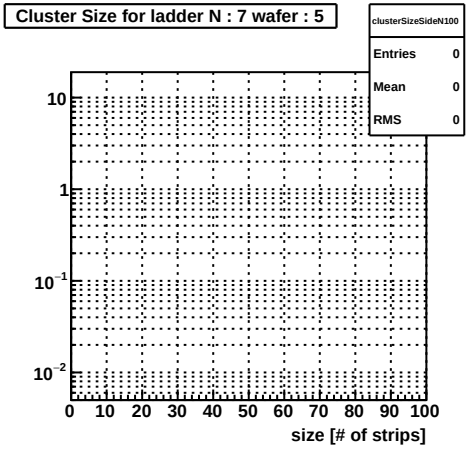

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

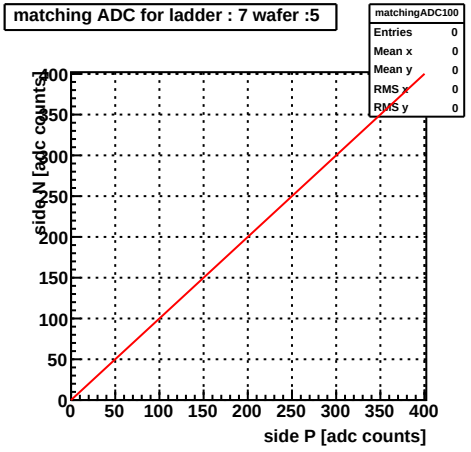

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1
Mean x 55
Mean y 57
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

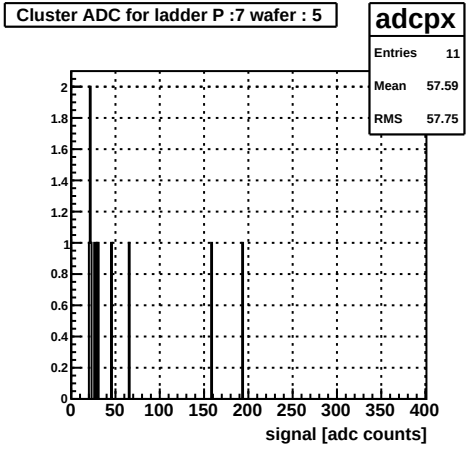

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 12
Mean 50.5
RMS 44.95
signal [adc counts]

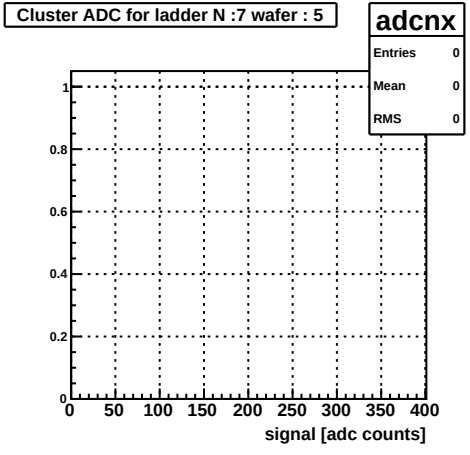

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 18
Mean 30.56
RMS 23.42
signal [adc counts]

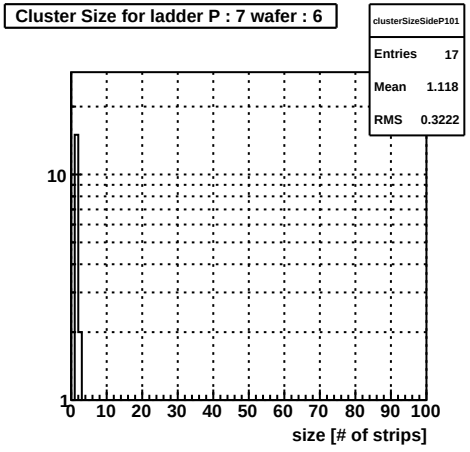

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 11
Mean 1.182
RMS 0.3857
size [# of strips]

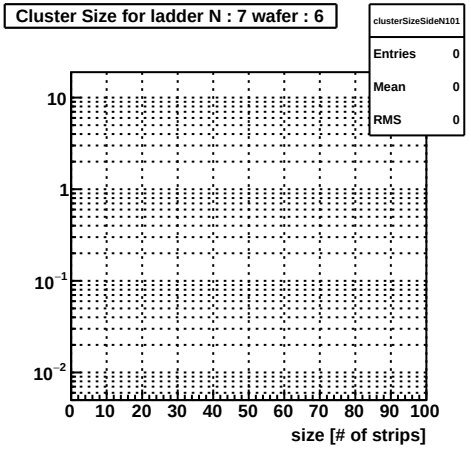

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

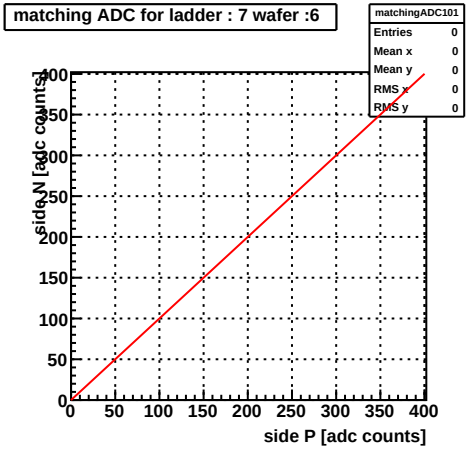

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

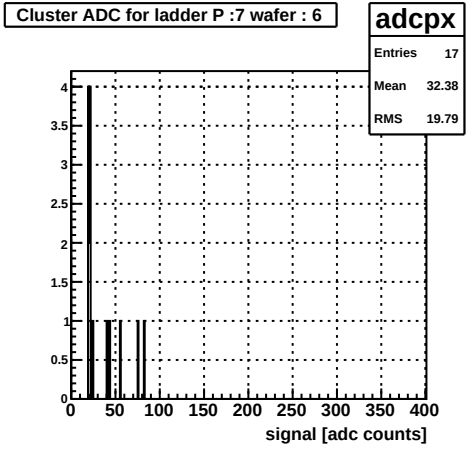

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 11
Mean 57.59
RMS 57.75
signal [adc counts]

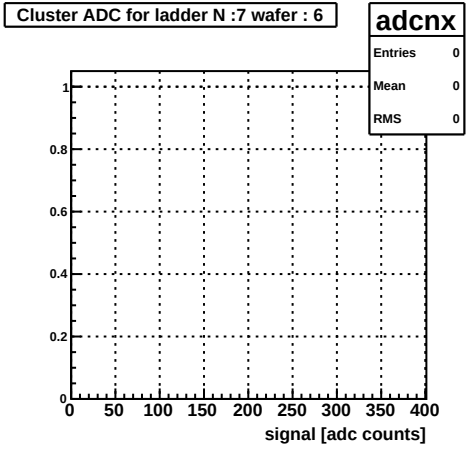

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

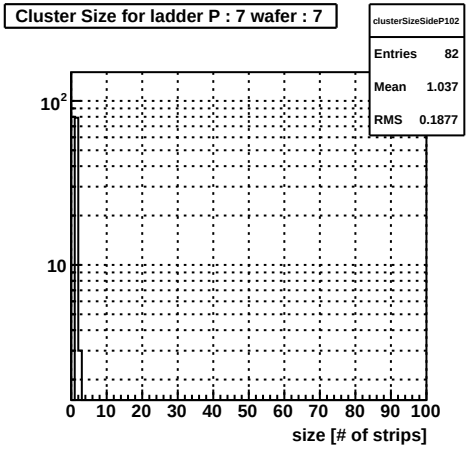

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 17
Mean 1.118
RMS 0.3222
size [# of strips]

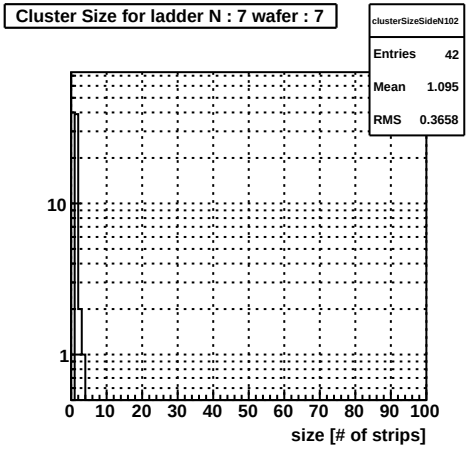

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

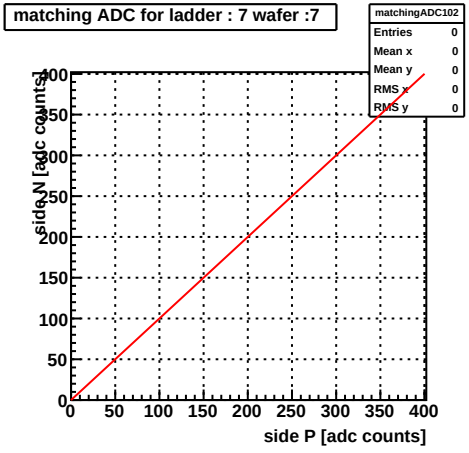

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

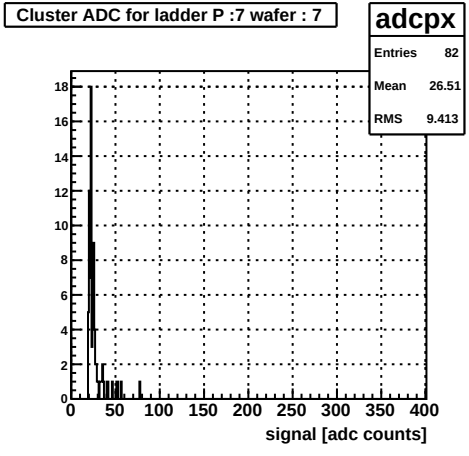

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 17
Mean 32.38
RMS 19.79
signal [adc counts]

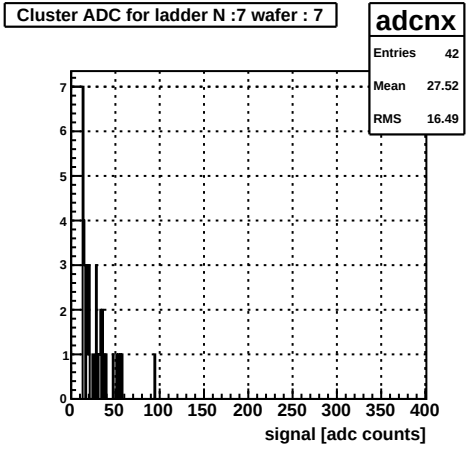

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

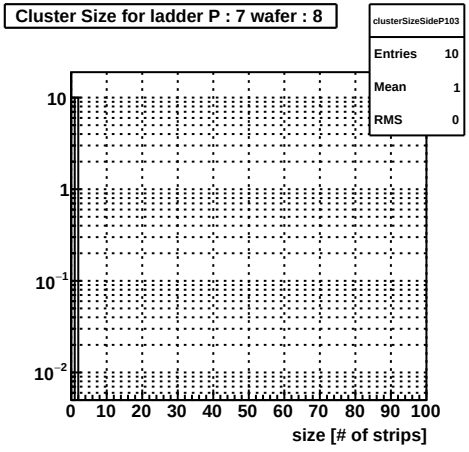

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 82
Mean 1.037
RMS 0.1877
size [# of strips]

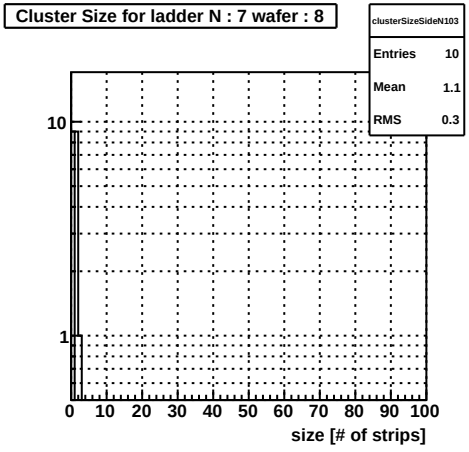

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 42
Mean 1.095
RMS 0.3658
size [# of strips]

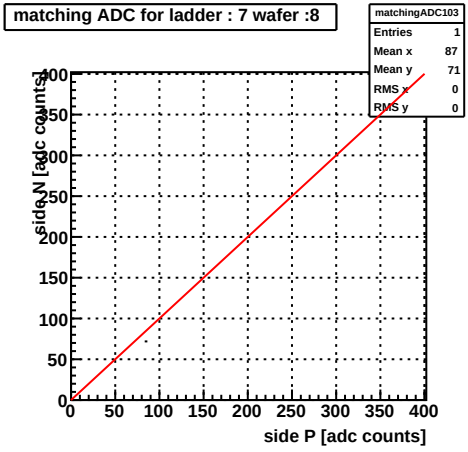

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

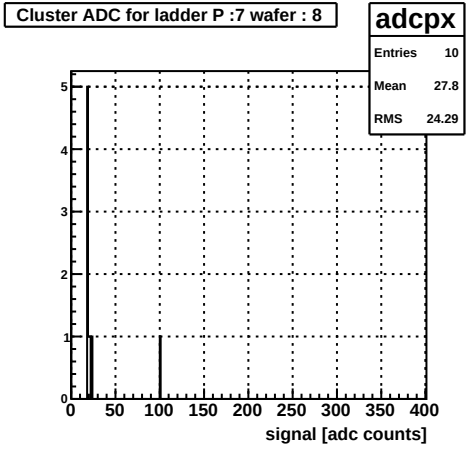

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 82
Mean 26.51
RMS 9.413
signal [adc counts]

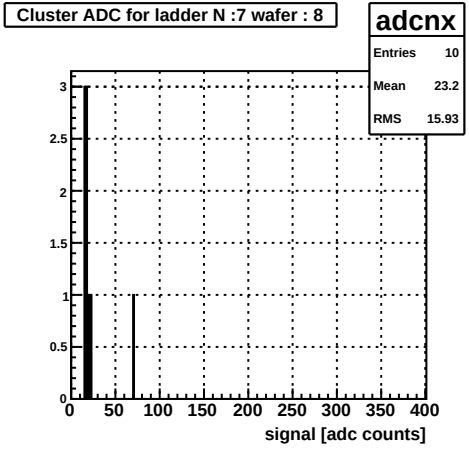

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 42
Mean 27.52
RMS 16.49
signal [adc counts]

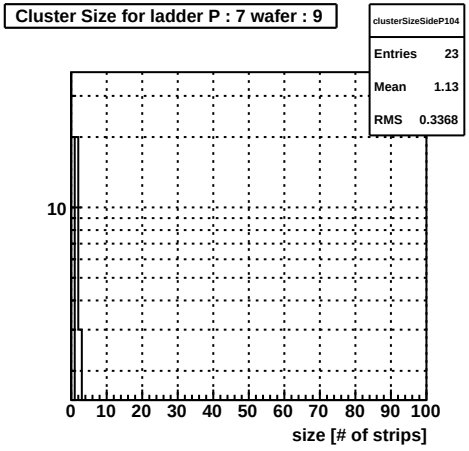

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 10
Mean 1
RMS 0
size [# of strips]

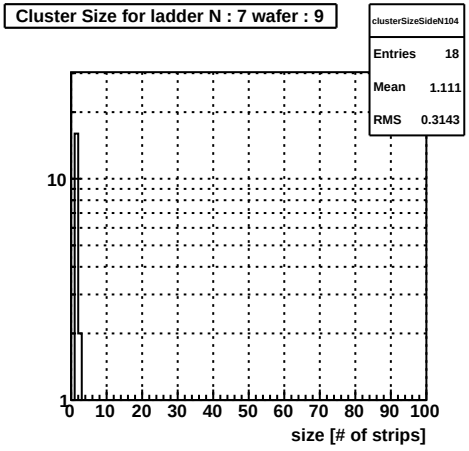

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

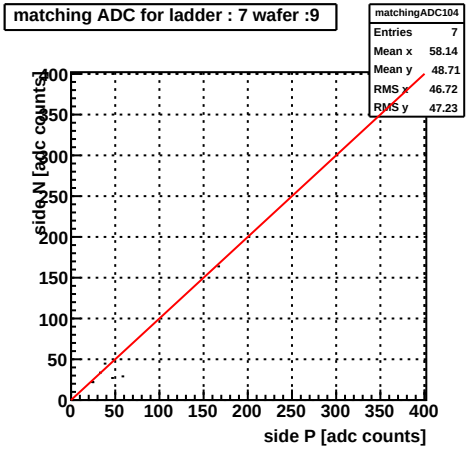

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1
Mean x 87
Mean y 71
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

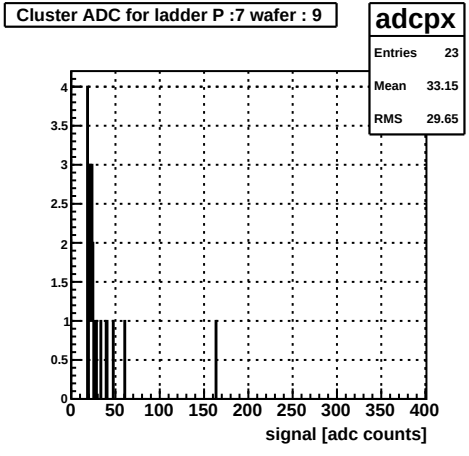

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 10
Mean 27.8
RMS 24.29
signal [adc counts]

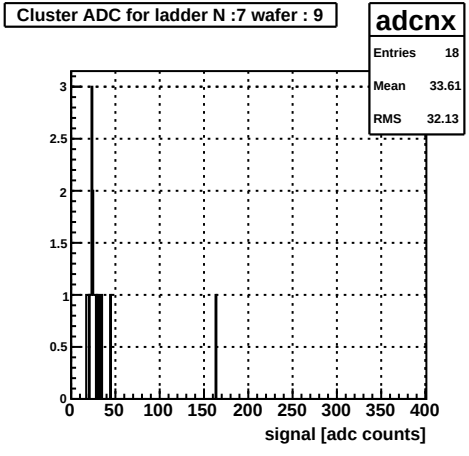

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 10
Mean 23.2
RMS 15.93
signal [adc counts]

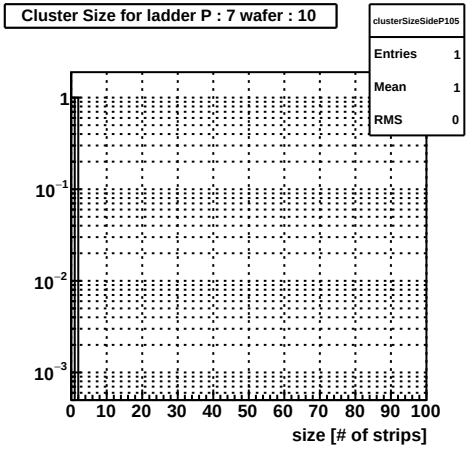

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 23
Mean 1.13
RMS 0.3368
size [# of strips]

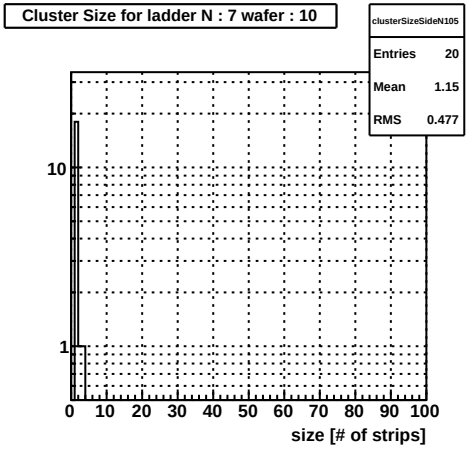

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

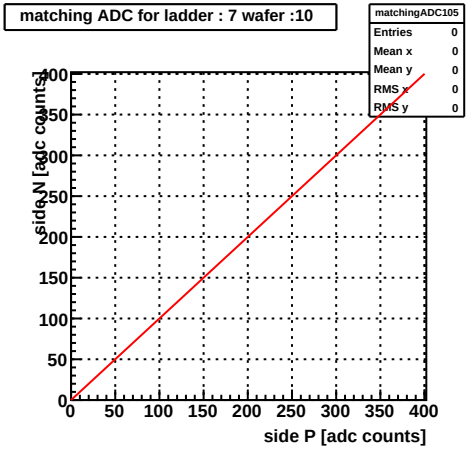

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 7
Mean x 58.14
Mean y 48.71
RMS x 46.72
RMS y 47.23
side N [adc counts]
side P [adc counts]

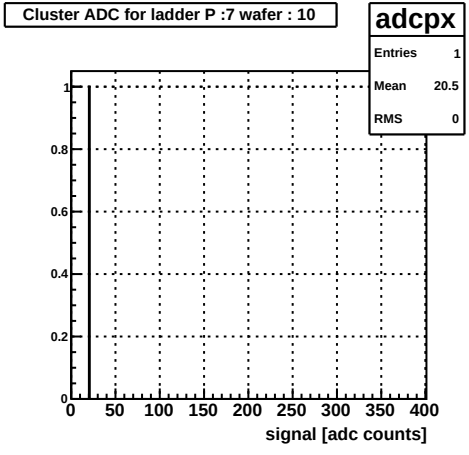

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 23
Mean 33.15
RMS 29.65
signal [adc counts]

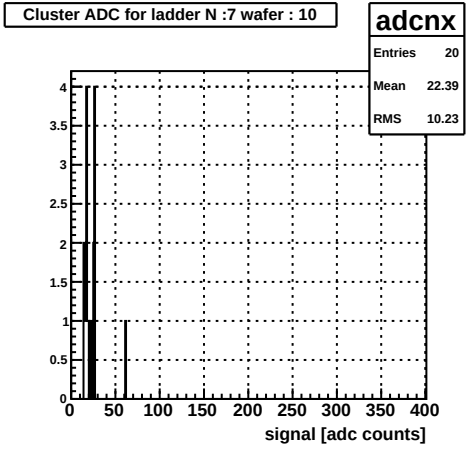

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 18
Mean 33.61
RMS 32.13
signal [adc counts]

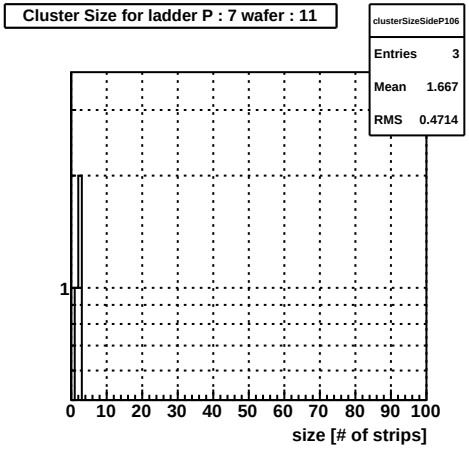

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1
Mean 1
RMS 0
size [# of strips]

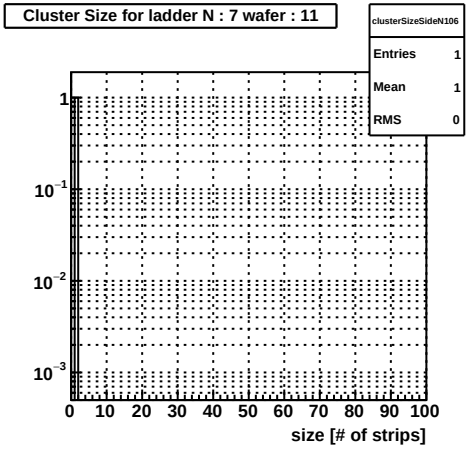

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 20
Mean 1.15
RMS 0.477
size [# of strips]

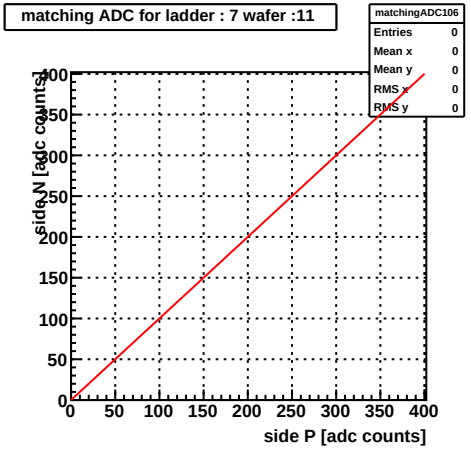

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

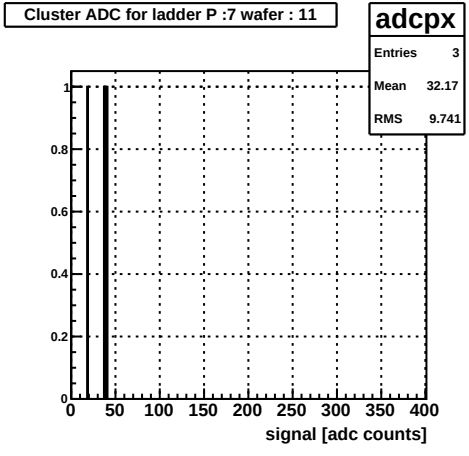

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1
Mean 20.5
RMS 0
signal [adc counts]

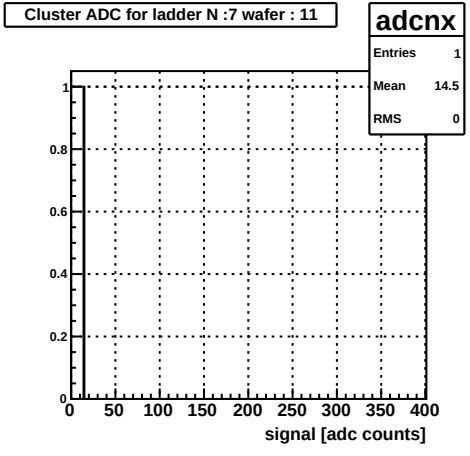

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 20
Mean 22.39
RMS 10.23
signal [adc counts]

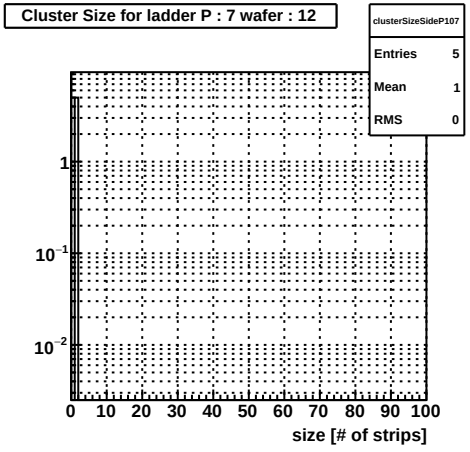

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 3
Mean 1.667
RMS 0.4714
size [# of strips]

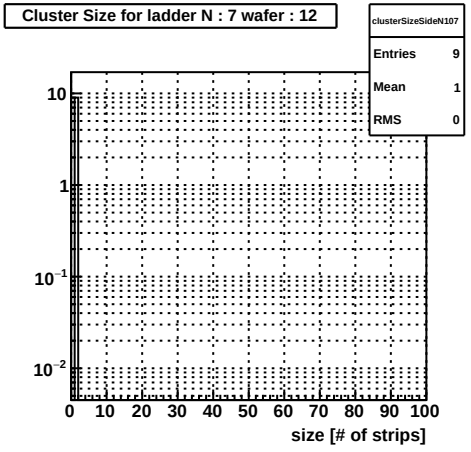

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1
Mean 1
RMS 0
size [# of strips]

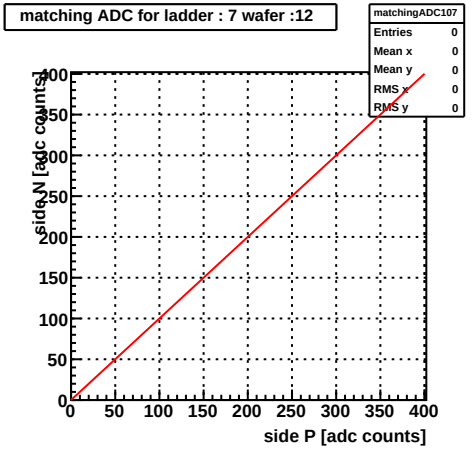

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

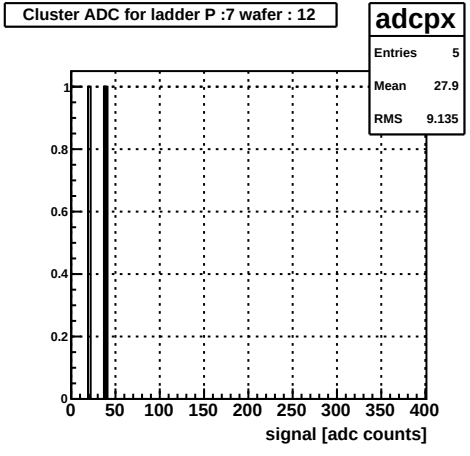

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 3
Mean 32.17
RMS 9.741
signal [adc counts]

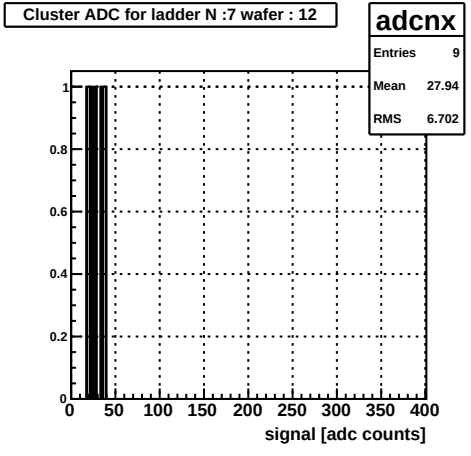

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1
Mean 14.5
RMS 0
signal [adc counts]

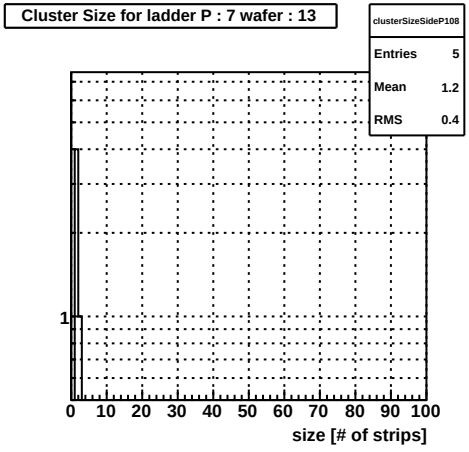

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5
Mean 1
RMS 0
size [# of strips]

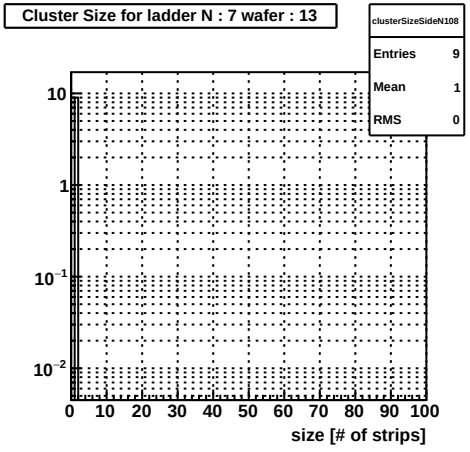

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 9
Mean 1
RMS 0
size [# of strips]

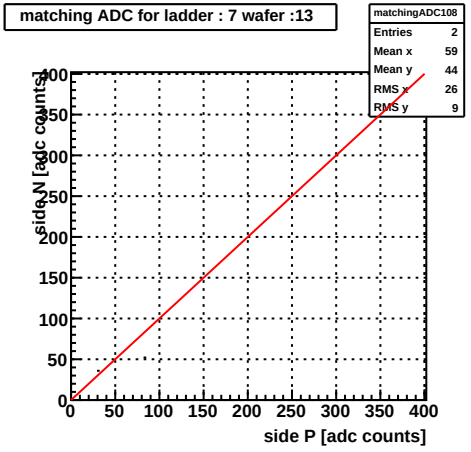

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

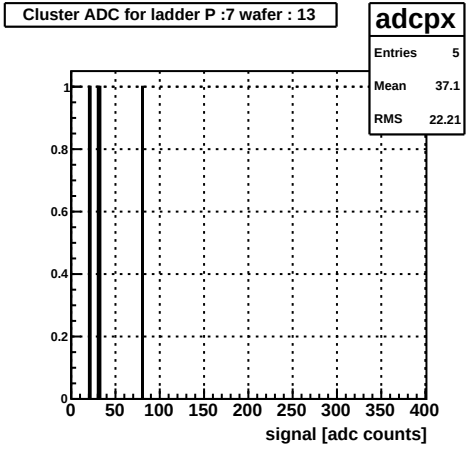

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5
Mean 27.9
RMS 9.135
signal [adc counts]

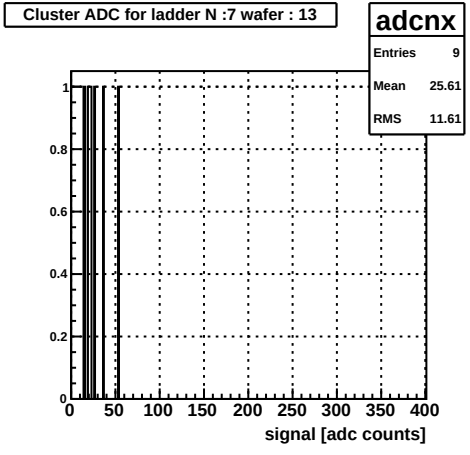

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 9
Mean 27.94
RMS 6.702
signal [adc counts]

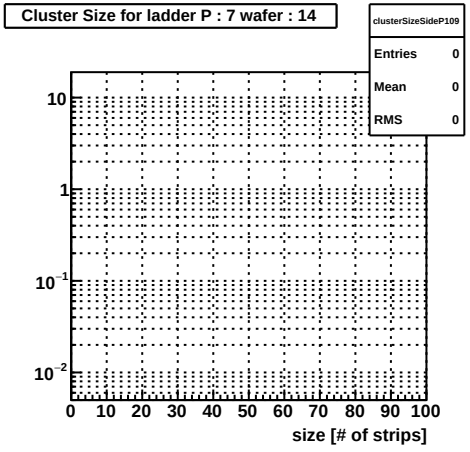

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

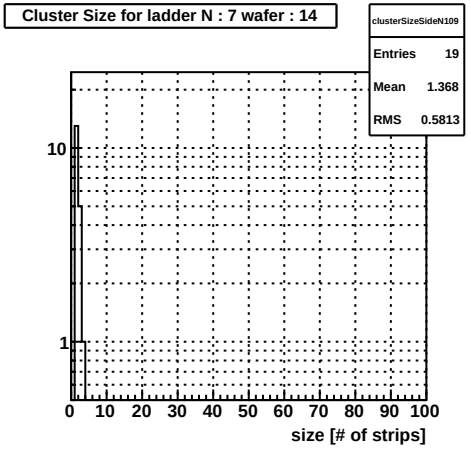

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 9
Mean 1
RMS 0
size [# of strips]

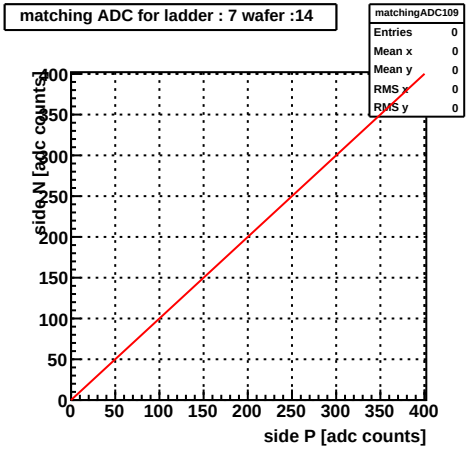

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 2
Mean x 59
Mean y 44
RMS x 26
RMS y 9
side N [adc counts]
side P [adc counts]

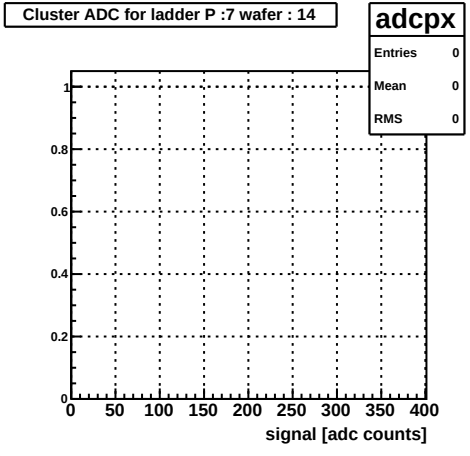

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 5
Mean 37.1
RMS 22.21
signal [adc counts]

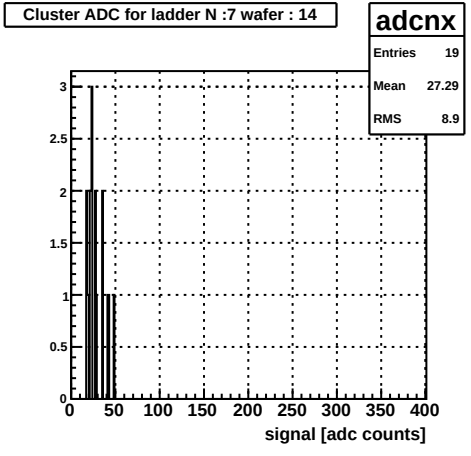

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 9
Mean 25.61
RMS 11.61
signal [adc counts]

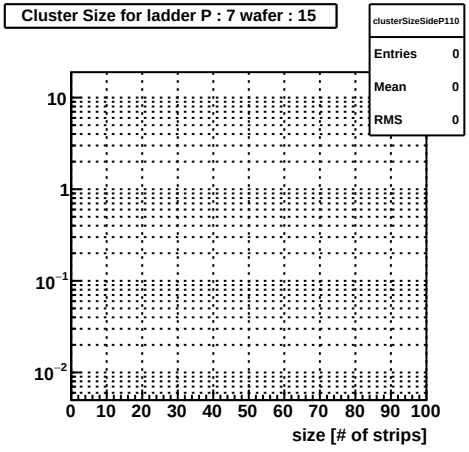

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 0
Mean 0
RMS 0
size [# of strips]

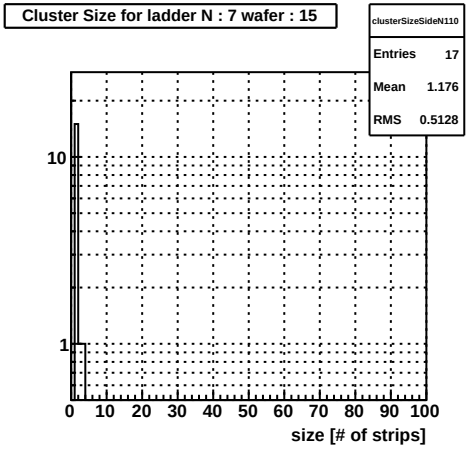

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 19
Mean 1.368
RMS 0.5813
size [# of strips]

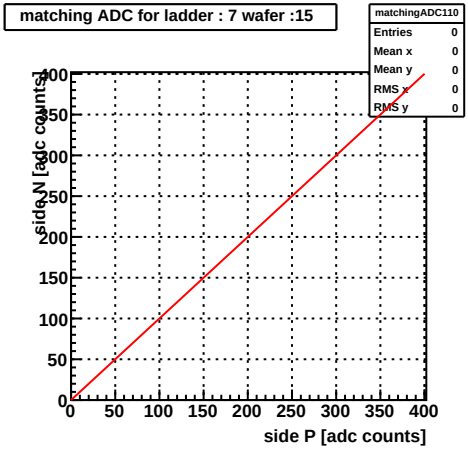

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

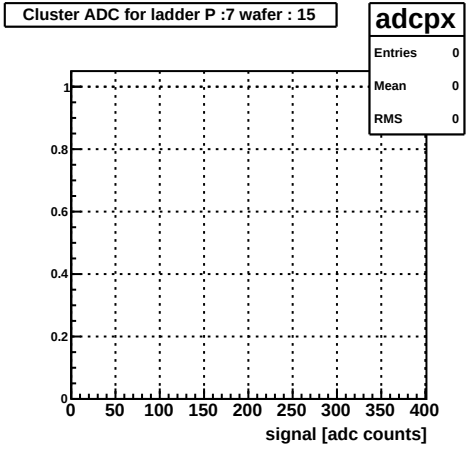

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

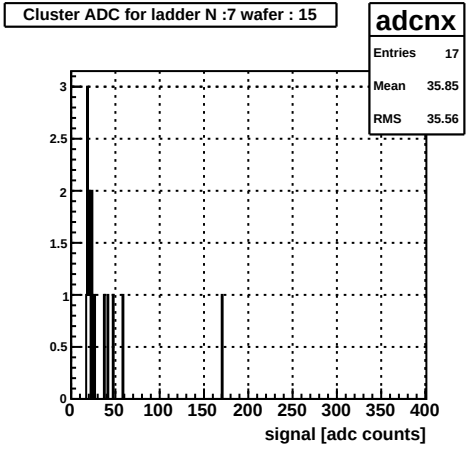

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 19
Mean 27.29
RMS 8.9
signal [adc counts]

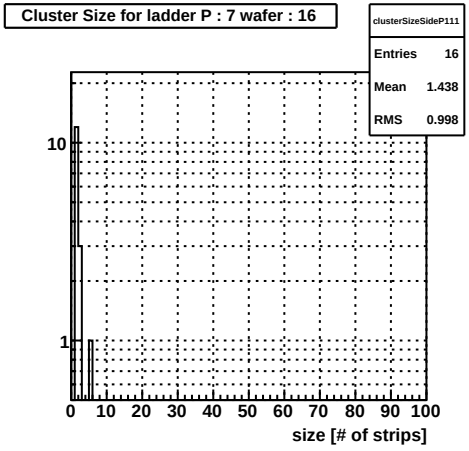

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

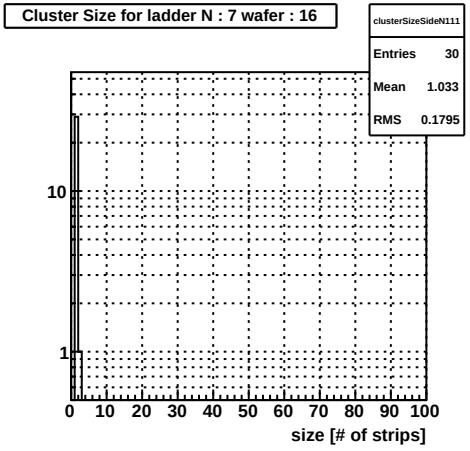

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 17
Mean 1.176
RMS 0.5128
size [# of strips]

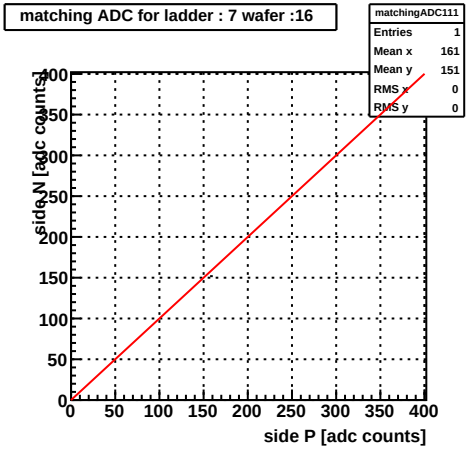

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

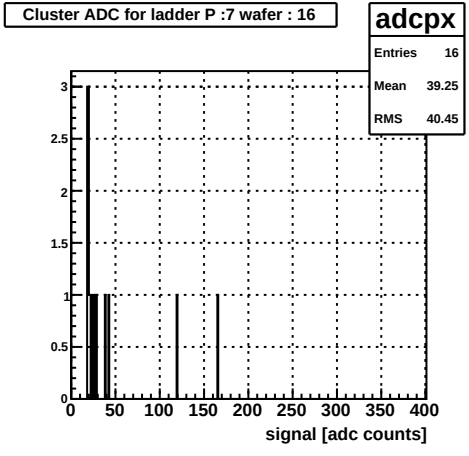

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

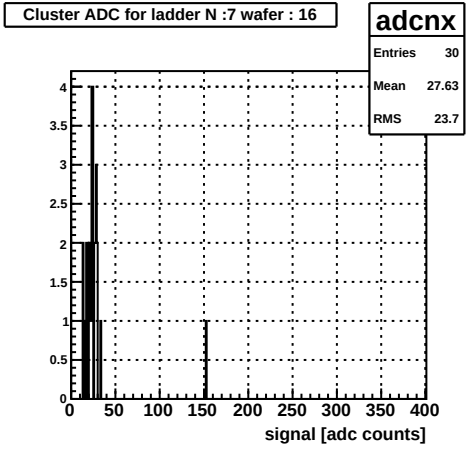

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 17
Mean 35.85
RMS 35.56
signal [adc counts]

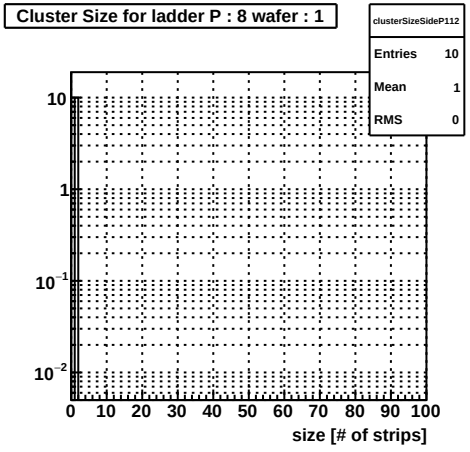

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 16
Mean 1.438
RMS 0.998
size [# of strips]

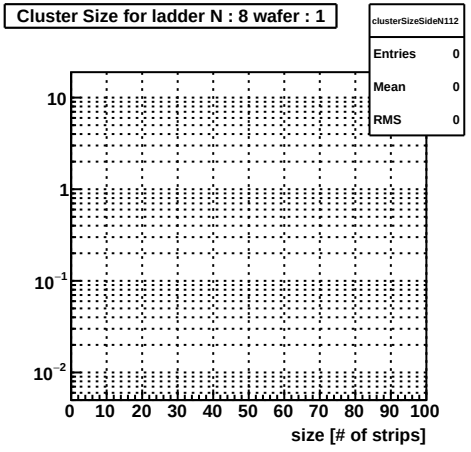

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 30
Mean 1.033
RMS 0.1795
size [# of strips]

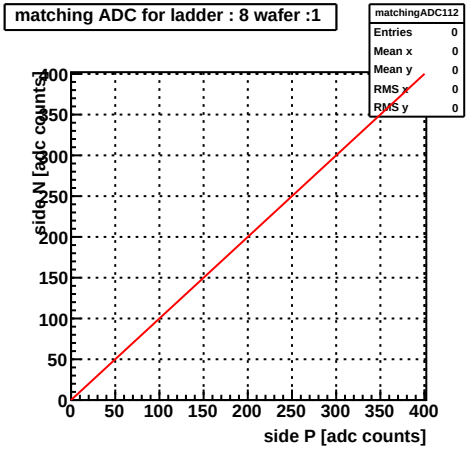

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1
Mean x 161
Mean y 151
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

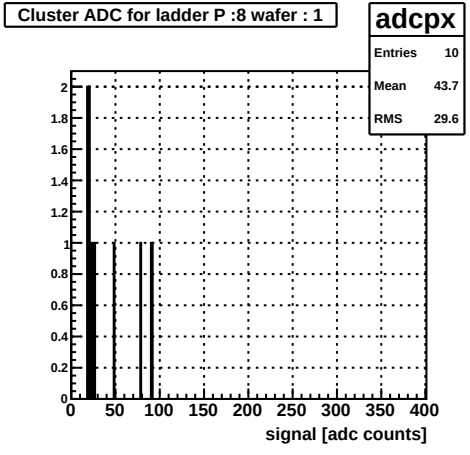

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 16
Mean 39.25
RMS 40.45
signal [adc counts]

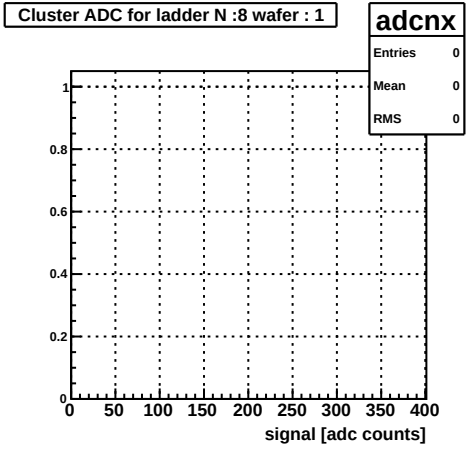

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 30
Mean 27.63
RMS 23.7
signal [adc counts]

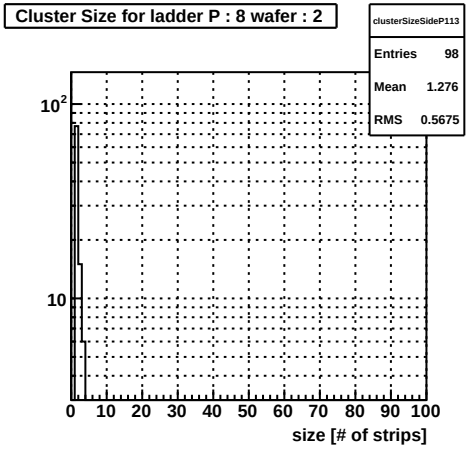

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 10
Mean 1
RMS 0
size [# of strips]

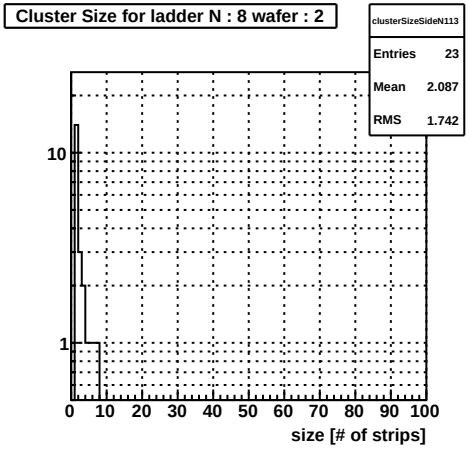

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

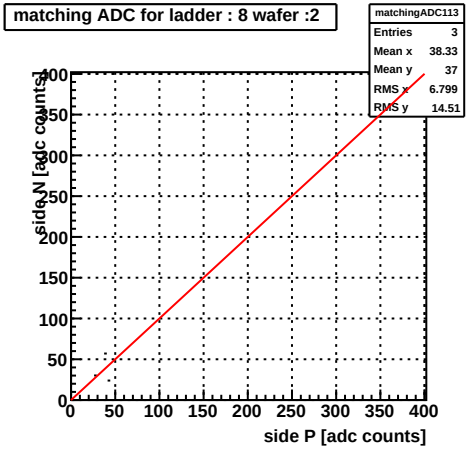

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

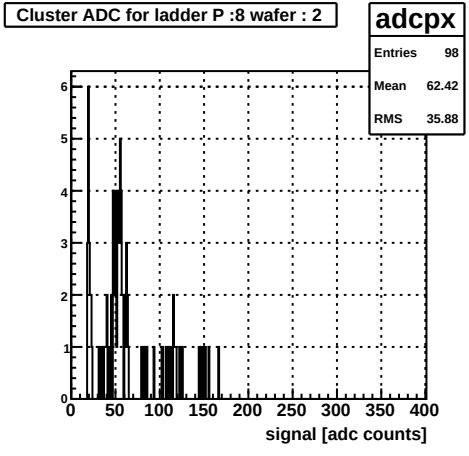

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 10
Mean 43.7
RMS 29.6
signal [adc counts]

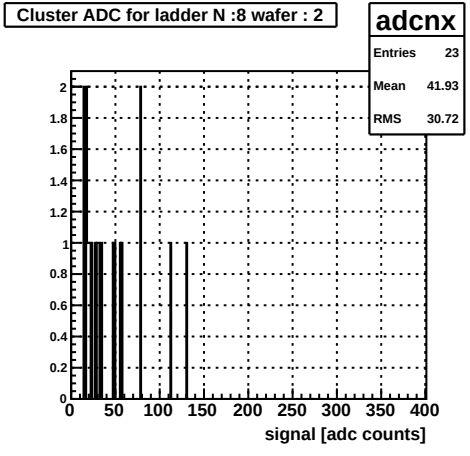

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

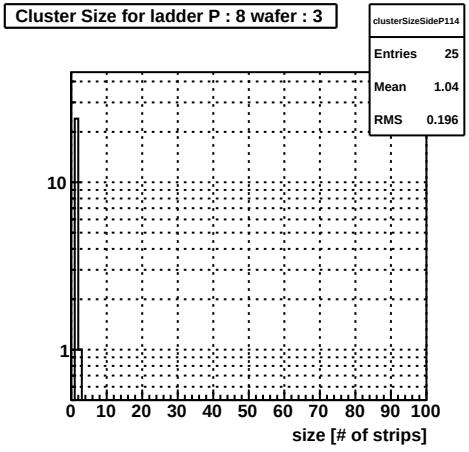

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 98
Mean 1.276
RMS 0.5675
size [# of strips]

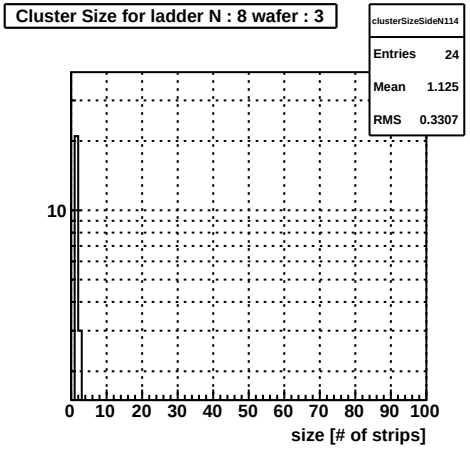

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 23
Mean 2.087
RMS 1.742
size [# of strips]

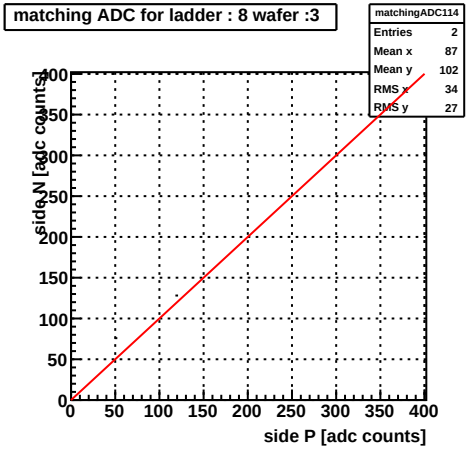

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 3
Mean x 38.33
Mean y 37
RMS x 6.799
RMS y 14.51
side N [adc counts]
side P [adc counts]

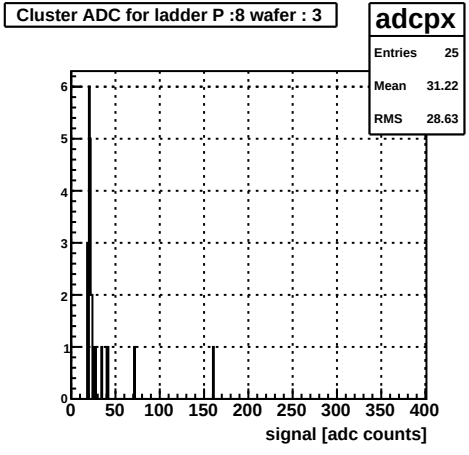

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 98
Mean 62.42
RMS 35.88
signal [adc counts]

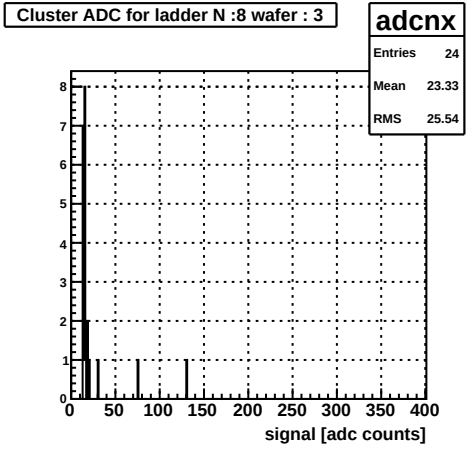

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 23
Mean 41.93
RMS 30.72
signal [adc counts]

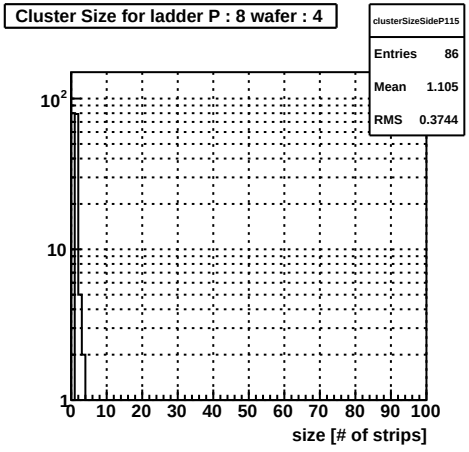

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 25
Mean 1.04
RMS 0.196
size [# of strips]

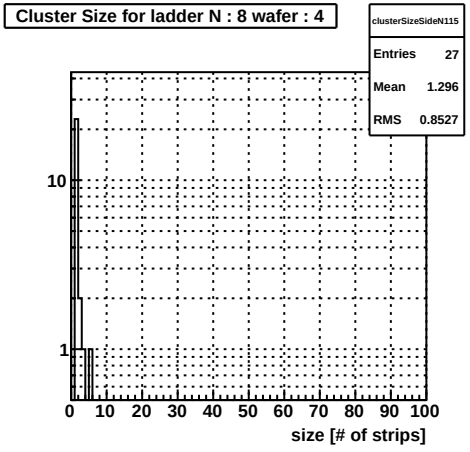

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 24
Mean 1.125
RMS 0.3307
size [# of strips]

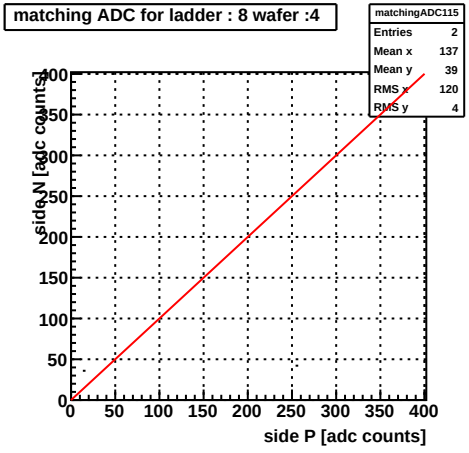

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 2
Mean x 87
Mean y 102
RMS x 34
RMS y 27
side N [adc counts]
side P [adc counts]

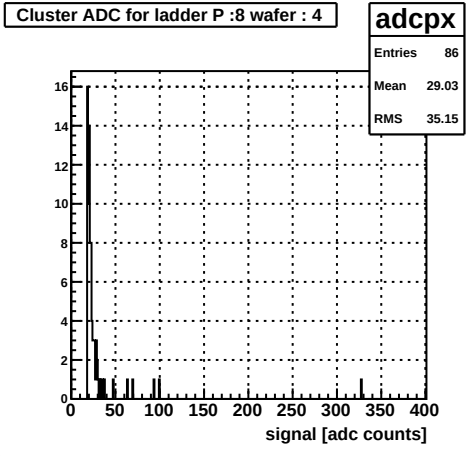

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 25
Mean 31.22
RMS 28.63
signal [adc counts]

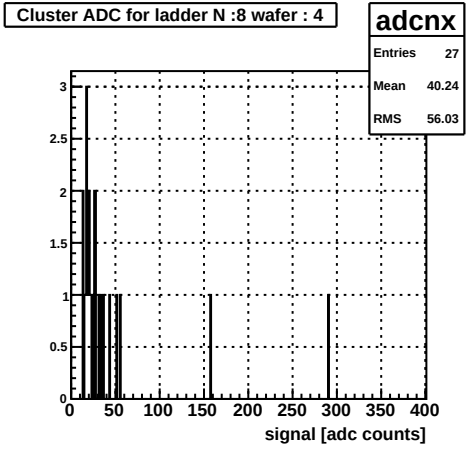

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 24
Mean 23.33
RMS 25.54
signal [adc counts]

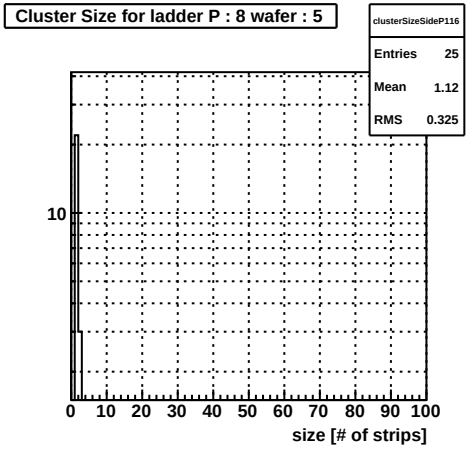

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 86
Mean 1.105
RMS 0.3744
size [# of strips]

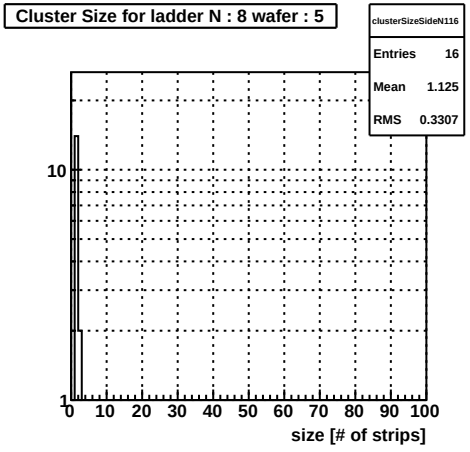

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 27
Mean 1.296
RMS 0.8527
size [# of strips]

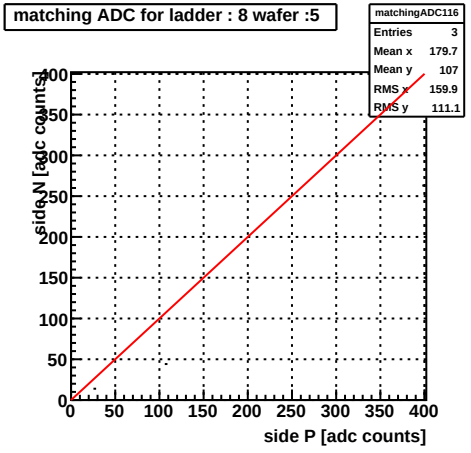

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 2
Mean x 137
Mean y 39
RMS x 120
RMS y 4
side N [adc counts]
side P [adc counts]

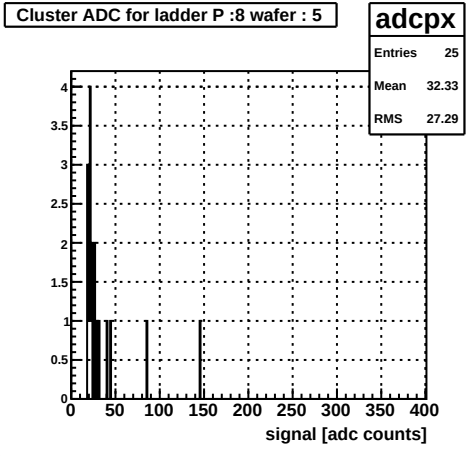

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 86
Mean 29.03
RMS 35.15
signal [adc counts]

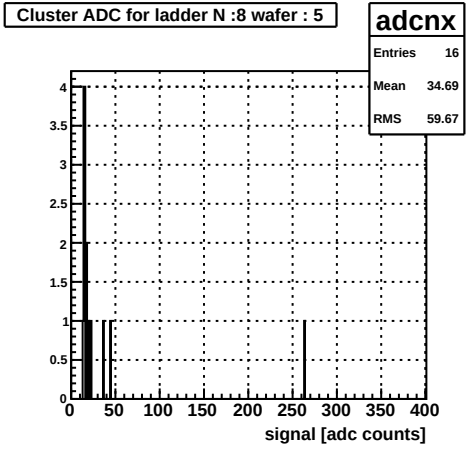

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 27
Mean 40.24
RMS 56.03
signal [adc counts]

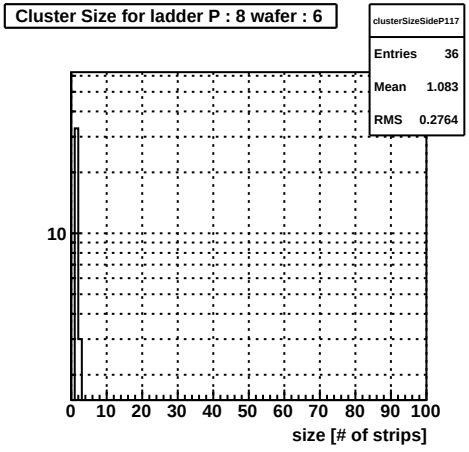

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 25
Mean 1.12
RMS 0.325
size [# of strips]

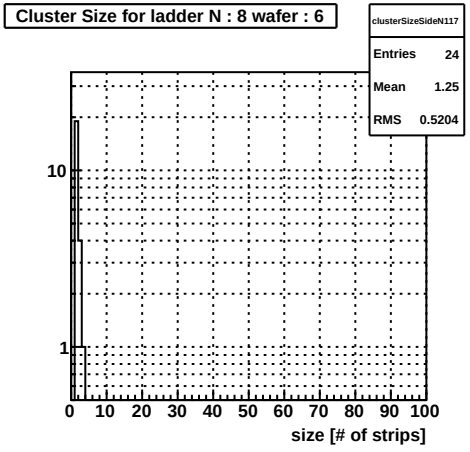

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

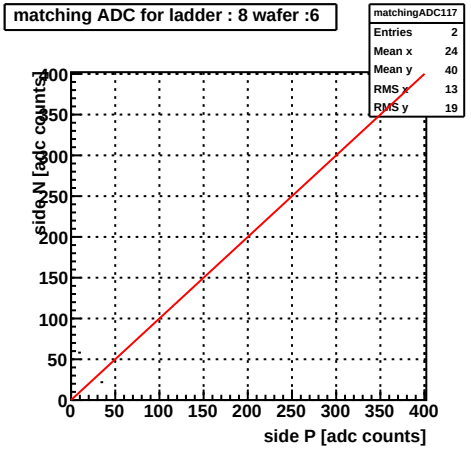

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 3
Mean x 179.7
Mean y 107
RMS x 159.9
RMS y 111.1
side N [adc counts]
side P [adc counts]

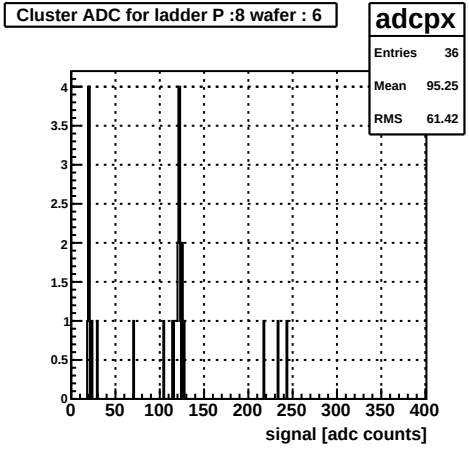

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 25
Mean 32.33
RMS 27.29
signal [adc counts]

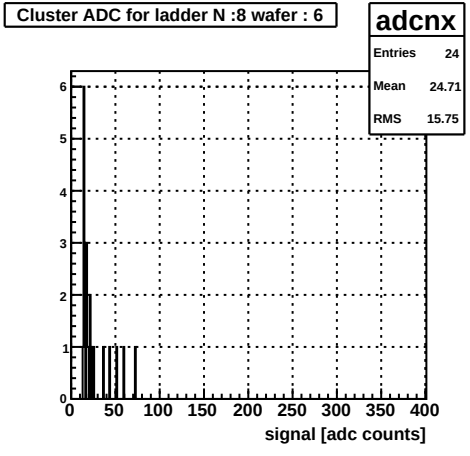

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 16
Mean 34.69
RMS 59.67
signal [adc counts]

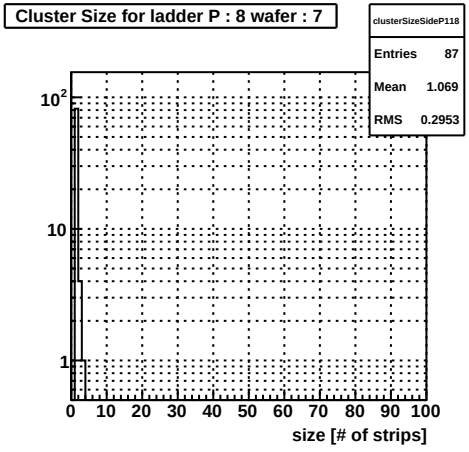

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 36
Mean 1.083
RMS 0.2764
size [# of strips]

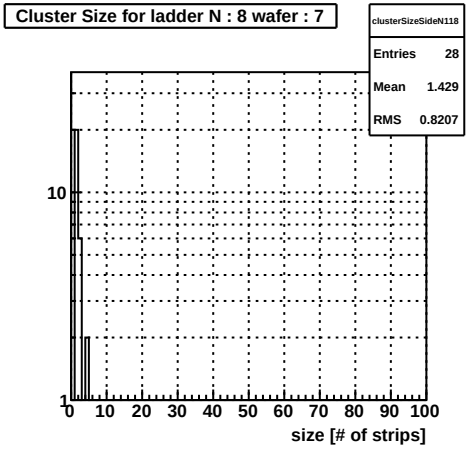

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 24
Mean 1.25
RMS 0.5204
size [# of strips]

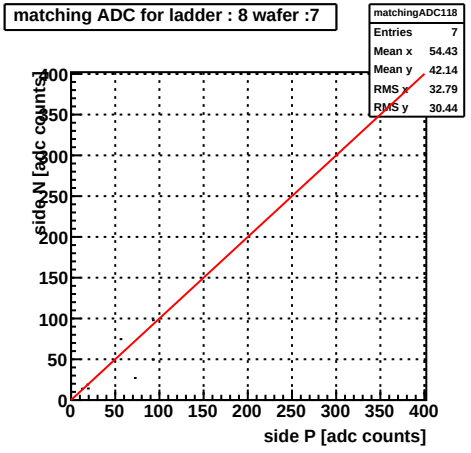

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2
Mean x 24
Mean y 40
RMS x 13
RMS y 19
side N [adc counts]
side P [adc counts]

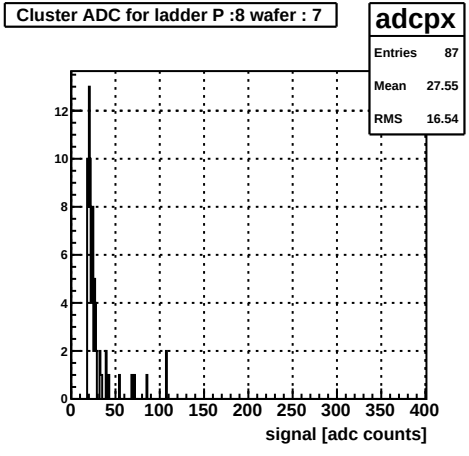

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 36
Mean 95.25
RMS 61.42
signal [adc counts]

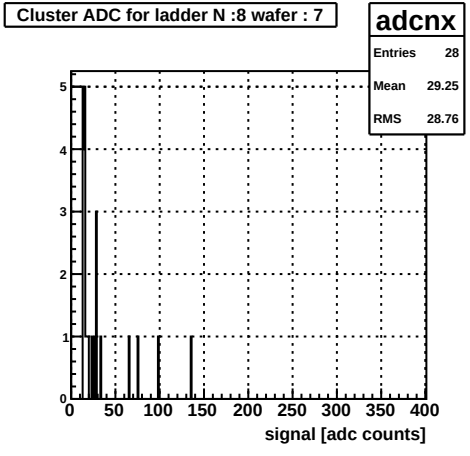

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 24
Mean 24.71
RMS 15.75
signal [adc counts]

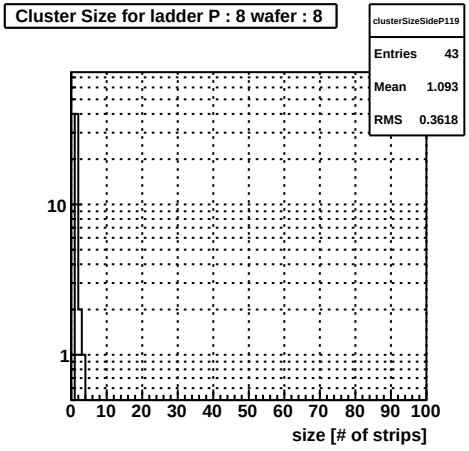

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 87
Mean 1.069
RMS 0.2953
size [# of strips]

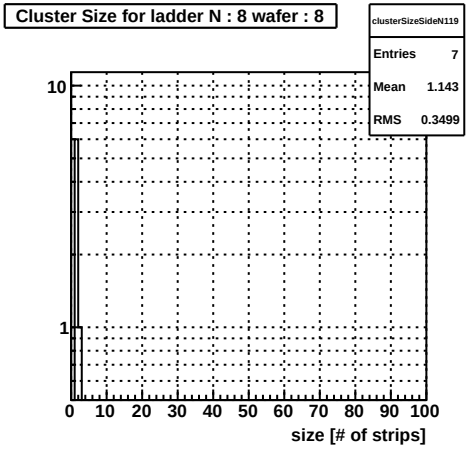

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 28
Mean 1.429
RMS 0.8207
size [# of strips]

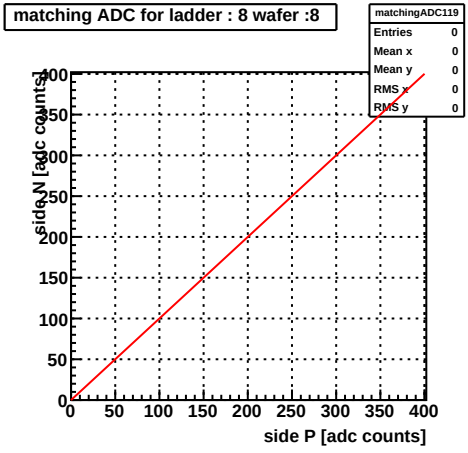

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7
Mean x 54.43
Mean y 42.14
RMS x 32.79
RMS y 30.44
side N [adc counts]
side P [adc counts]

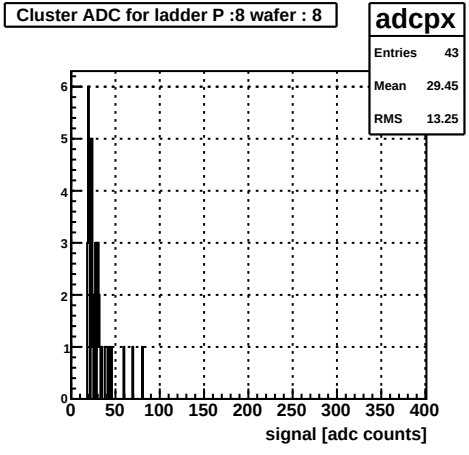

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 87
Mean 27.55
RMS 16.54
signal [adc counts]

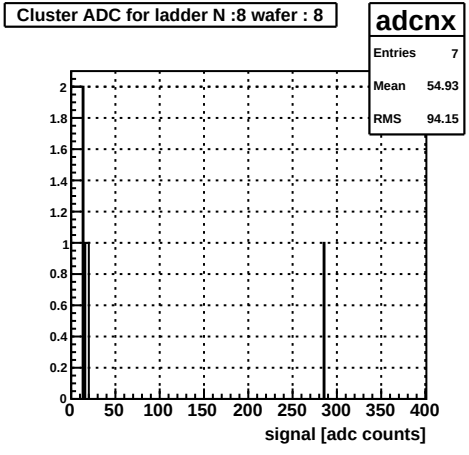

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 28
Mean 29.25
RMS 28.76
signal [adc counts]

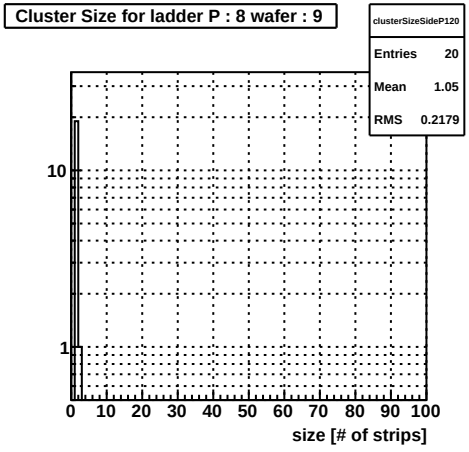

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 43
Mean 1.093
RMS 0.3618
size [# of strips]

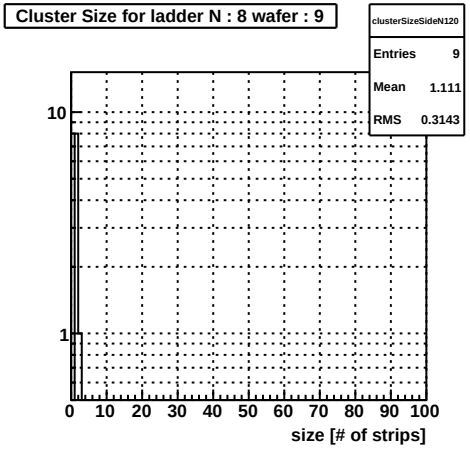

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

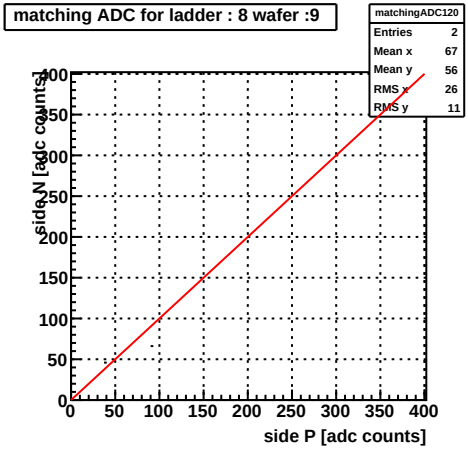

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

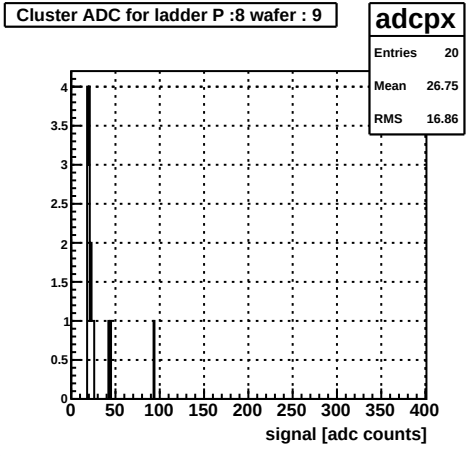

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 43
Mean 29.45
RMS 13.25
signal [adc counts]

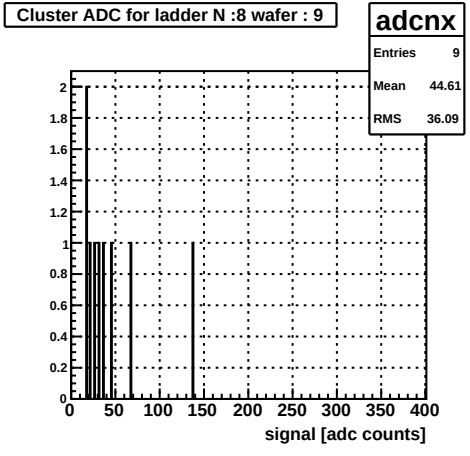

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7
Mean 54.93
RMS 94.15
signal [adc counts]

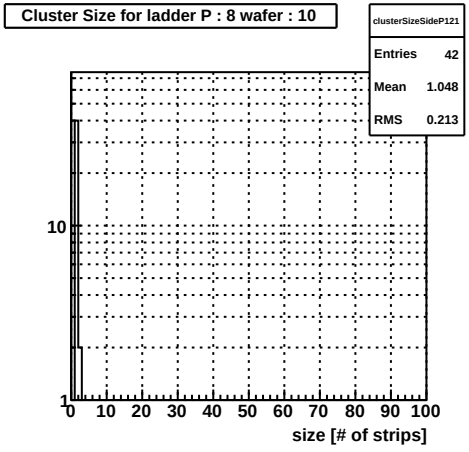

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 20
Mean 1.05
RMS 0.2179
size [# of strips]

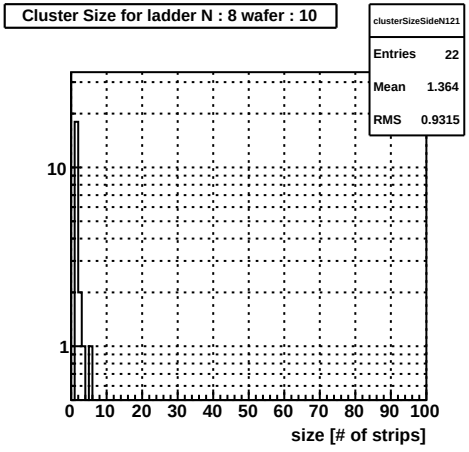

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

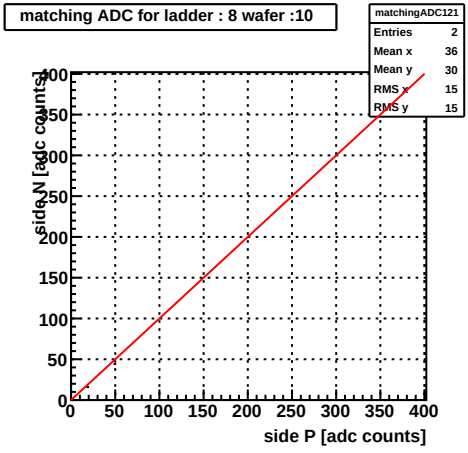

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 2
Mean x 67
Mean y 56
RMS x 26
RMS y 11
side N [adc counts]
side P [adc counts]

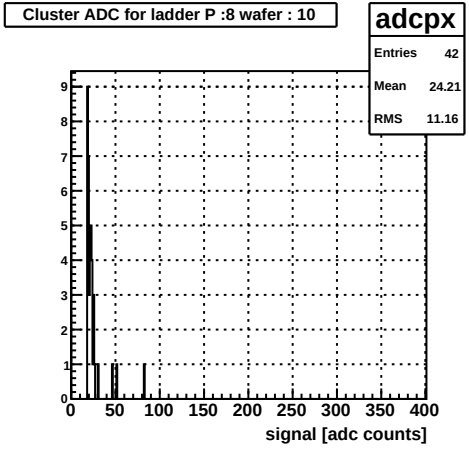

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 20
Mean 26.75
RMS 16.86
signal [adc counts]

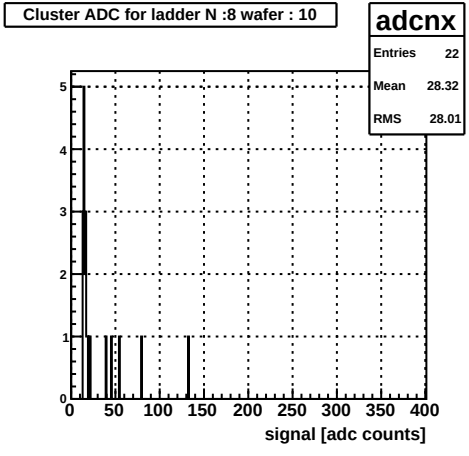

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 9
Mean 44.61
RMS 36.09
signal [adc counts]

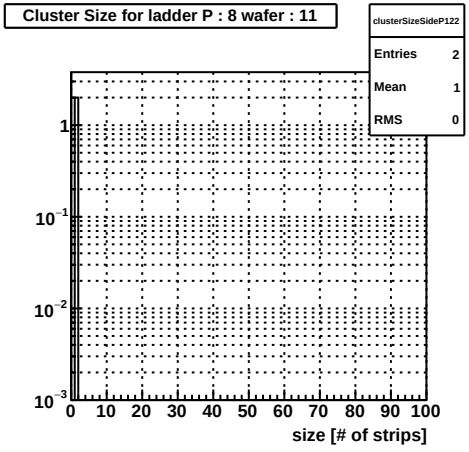

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 42
Mean 1.048
RMS 0.213
size [# of strips]

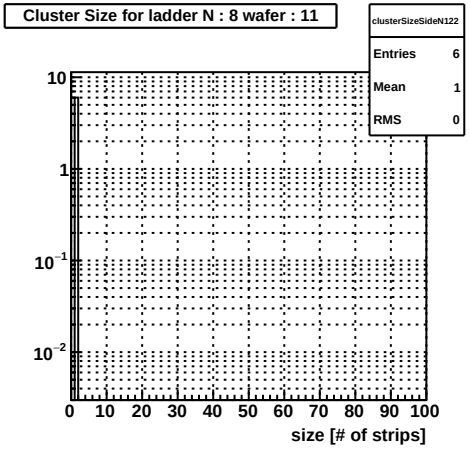

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 22
Mean 1.364
RMS 0.9315
size [# of strips]

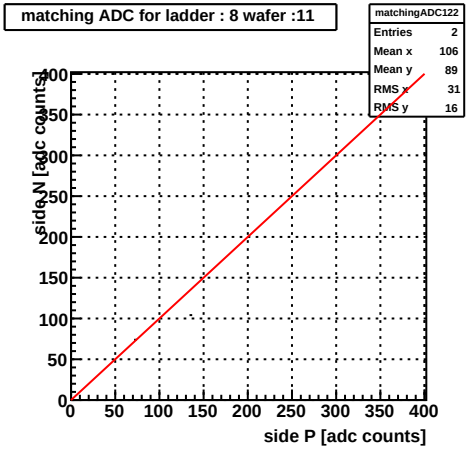

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 2
Mean x 36
Mean y 30
RMS x 15
RMS y 15
side N [adc counts]
side P [adc counts]

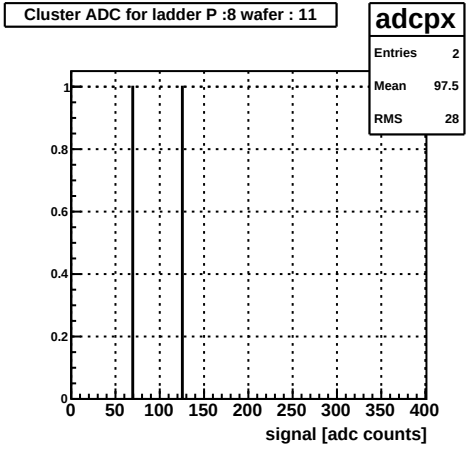

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 42
Mean 24.21
RMS 11.16
signal [adc counts]

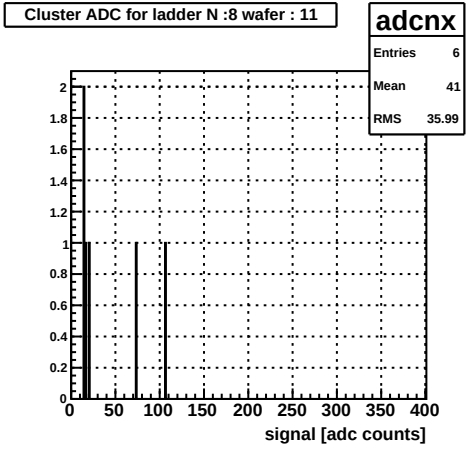

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 22
Mean 28.32
RMS 28.01
signal [adc counts]

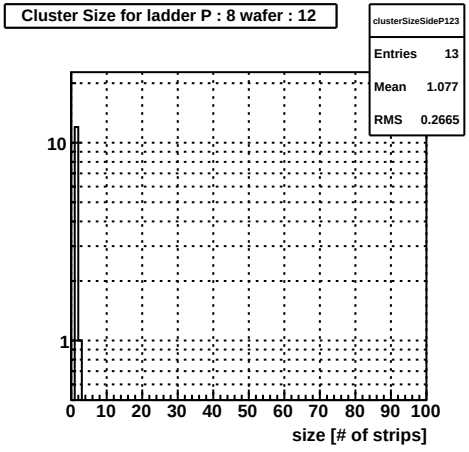

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 2
Mean 1
RMS 0
size [# of strips]

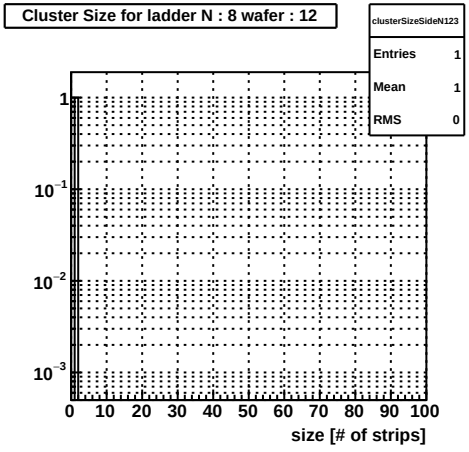

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 6
Mean 1
RMS 0
size [# of strips]

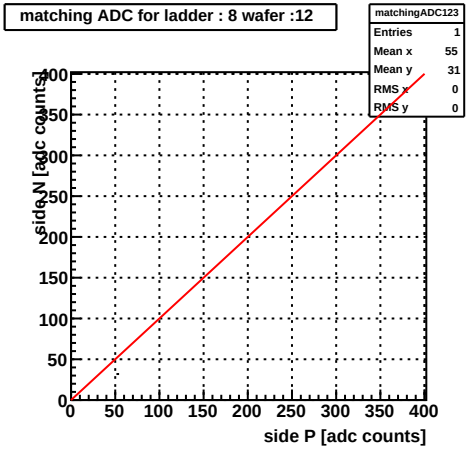

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 2
Mean x 106
Mean y 89
RMS x 31
RMS y 16
side N [adc counts]
side P [adc counts]

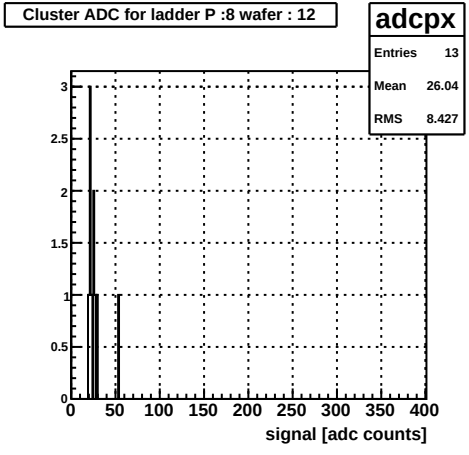

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 2
Mean 97.5
RMS 28
signal [adc counts]

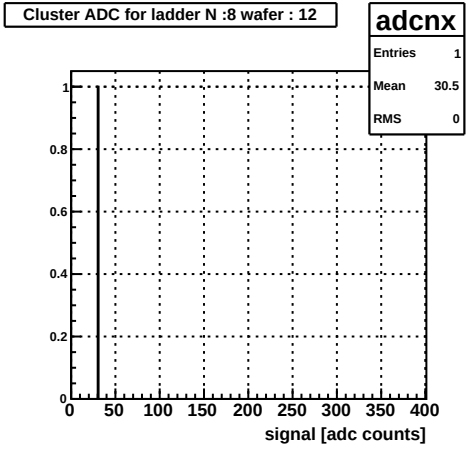

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 6
Mean 41
RMS 35.99
signal [adc counts]

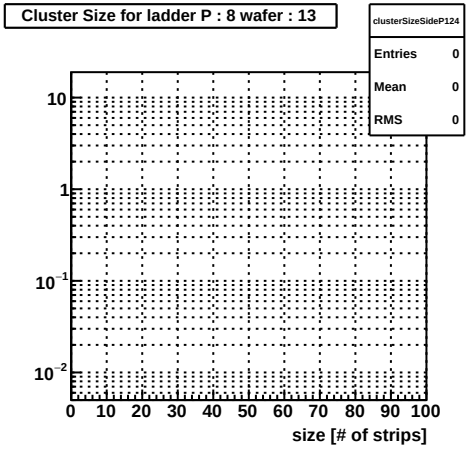

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

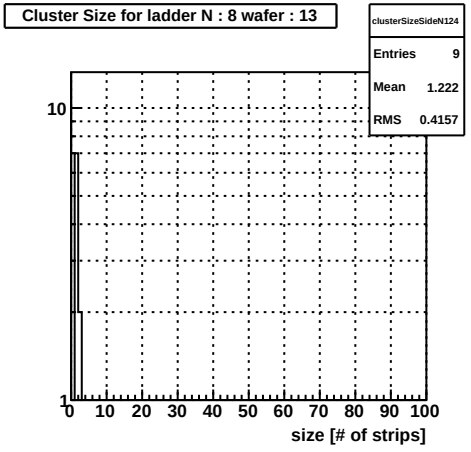

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1
Mean 1
RMS 0
size [# of strips]

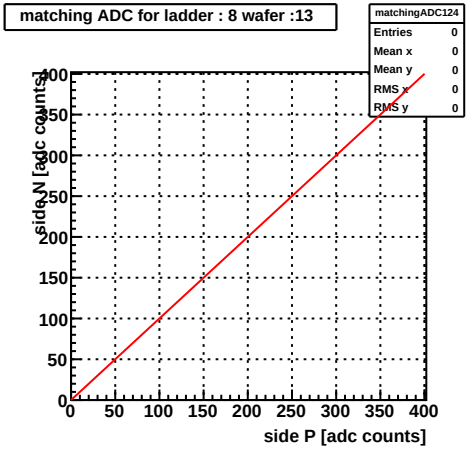

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1
Mean x 55
Mean y 31
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

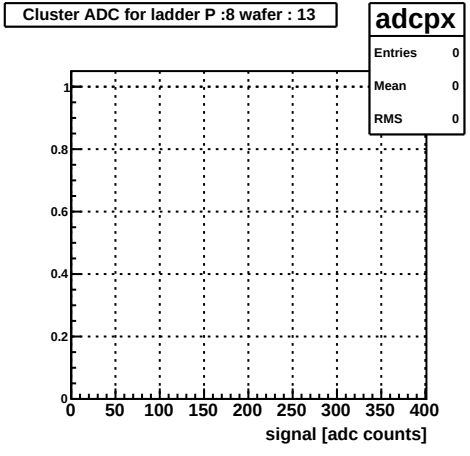

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 13
Mean 26.04
RMS 8.427
signal [adc counts]

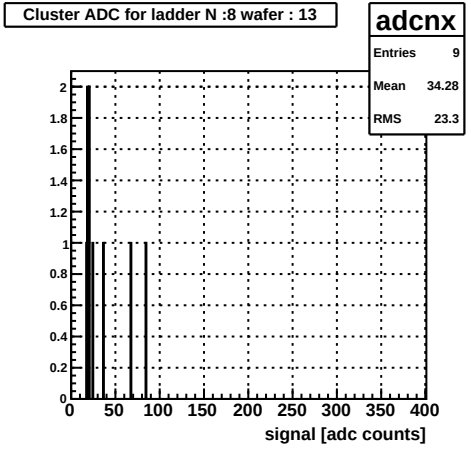

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1
Mean 30.5
RMS 0
signal [adc counts]

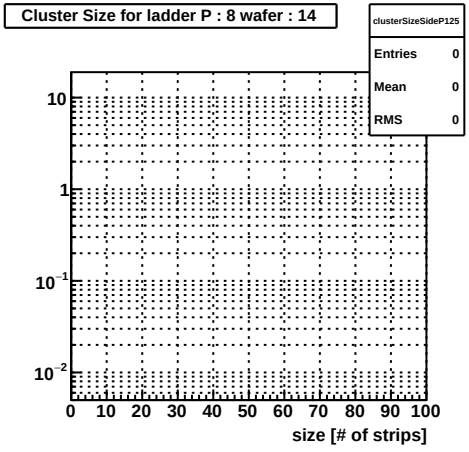

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

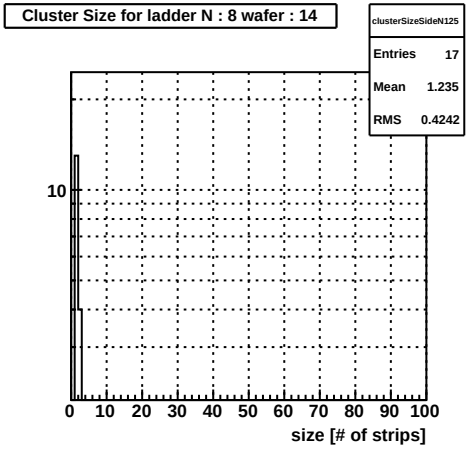

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 9
Mean 1.222
RMS 0.4157
size [# of strips]

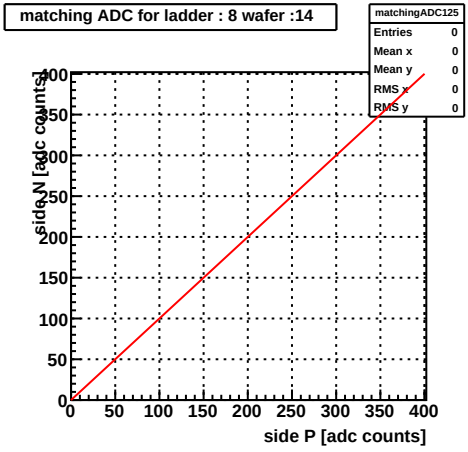

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

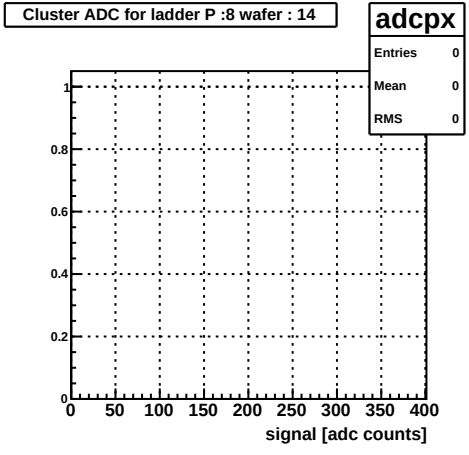

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

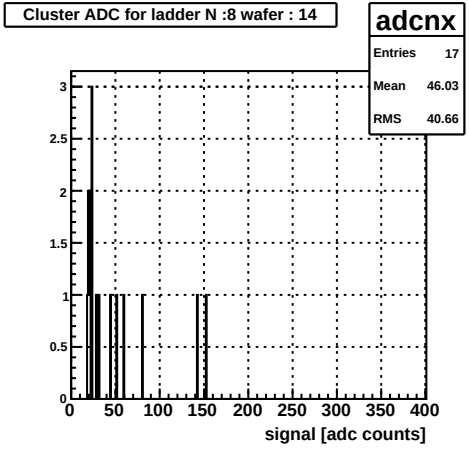

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 9
Mean 34.28
RMS 23.3
signal [adc counts]

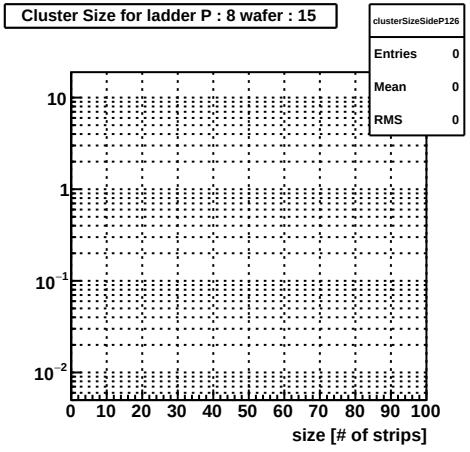

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

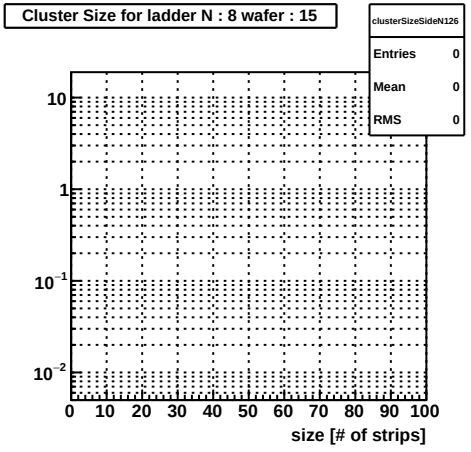

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 17
Mean 1.235
RMS 0.4242
size [# of strips]

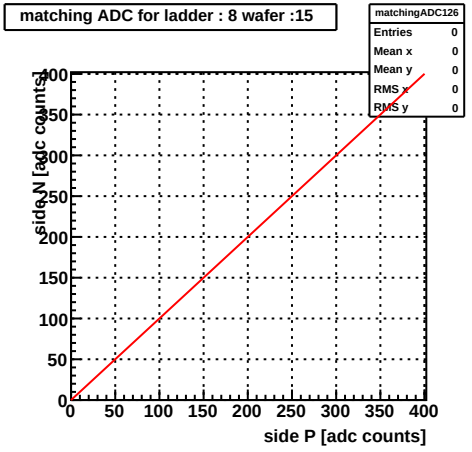

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

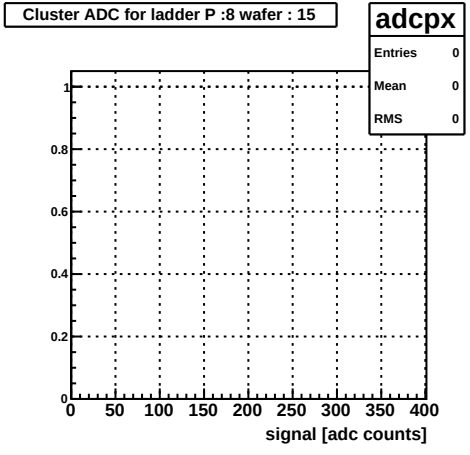

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

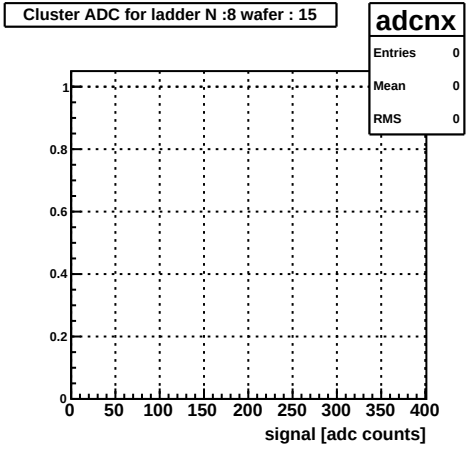

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 17
Mean 46.03
RMS 40.66
signal [adc counts]

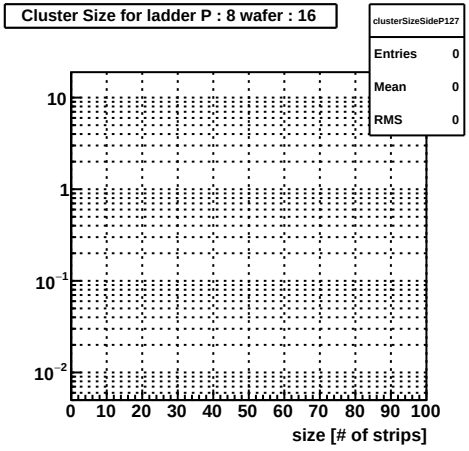

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

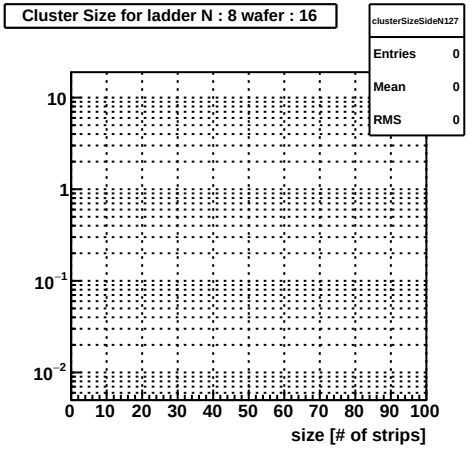

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

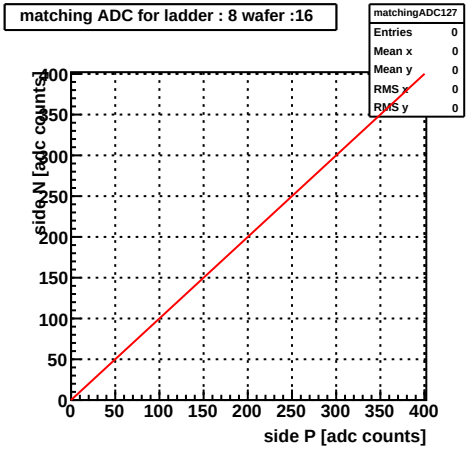

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

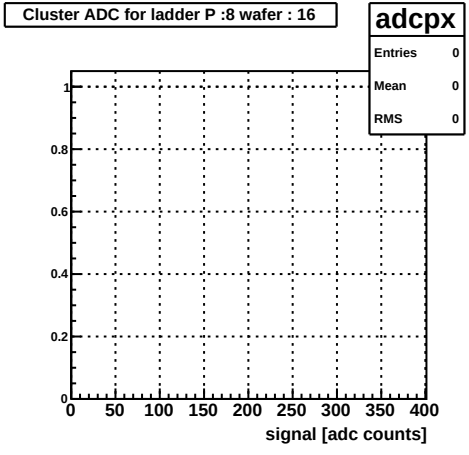

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

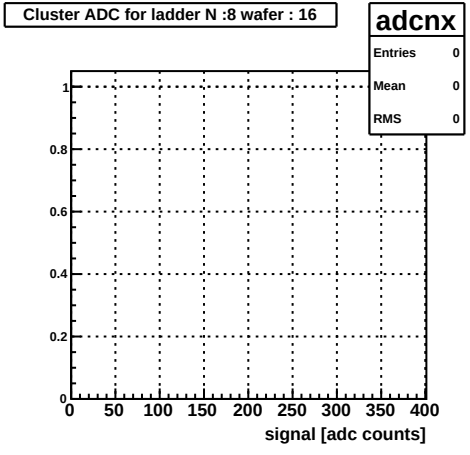

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

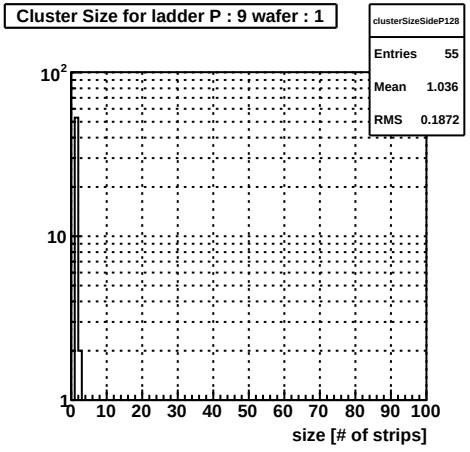

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

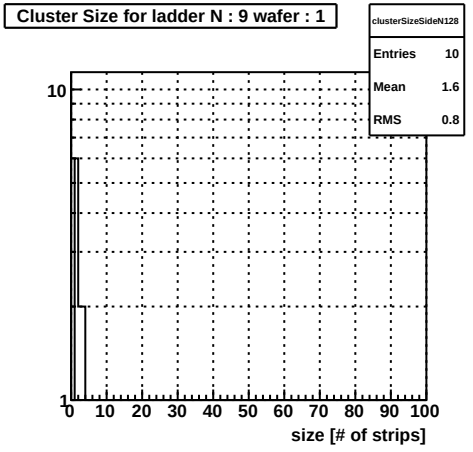

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

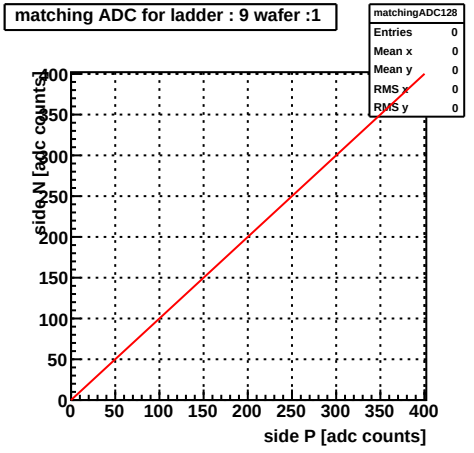

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

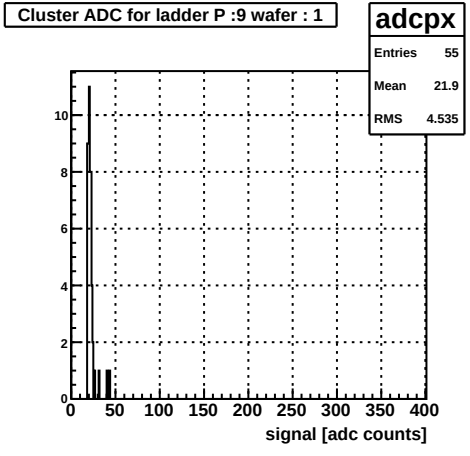

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

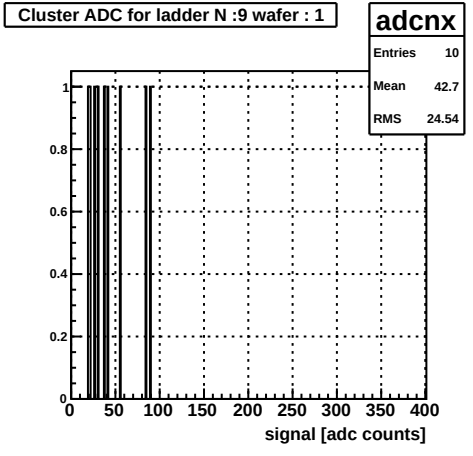

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

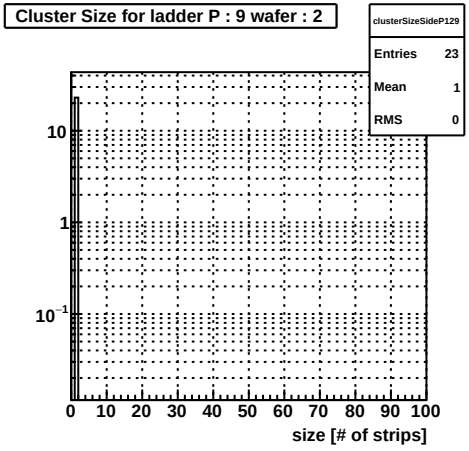

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 55
Mean 1.036
RMS 0.1872
size [# of strips]

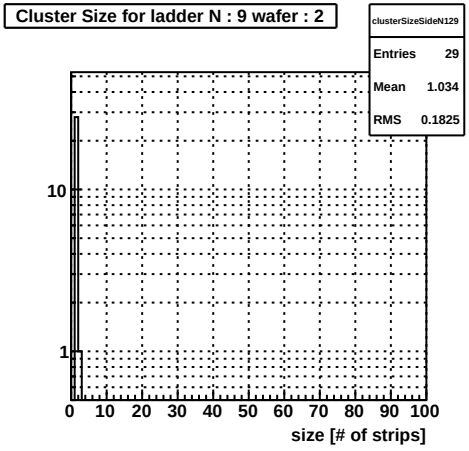

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 10
Mean 1.6
RMS 0.8
size [# of strips]

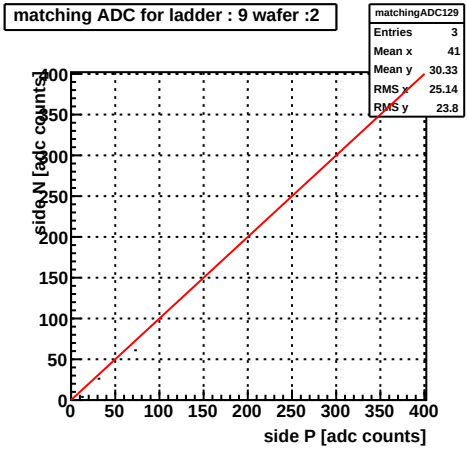

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

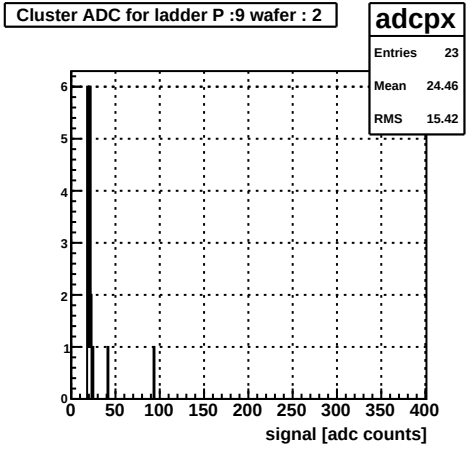

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 55
Mean 21.9
RMS 4.535
signal [adc counts]

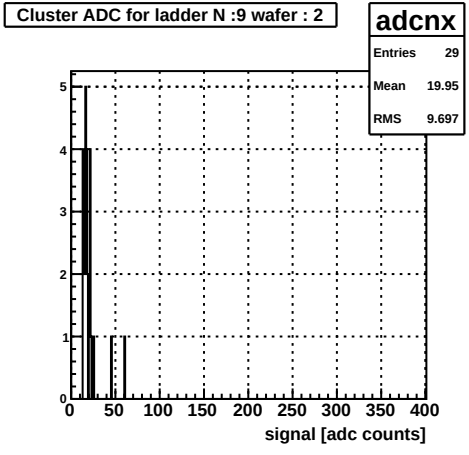

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 10
Mean 42.7
RMS 24.54
signal [adc counts]

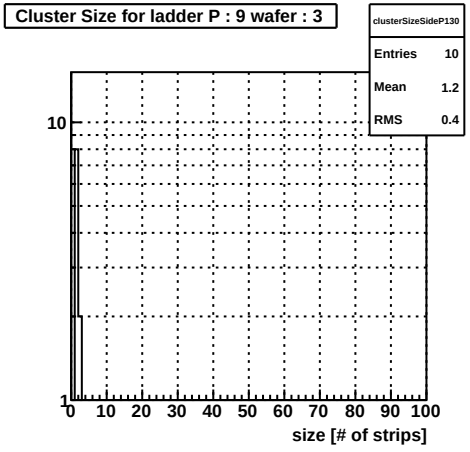

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 23
Mean 1
RMS 0
size [# of strips]

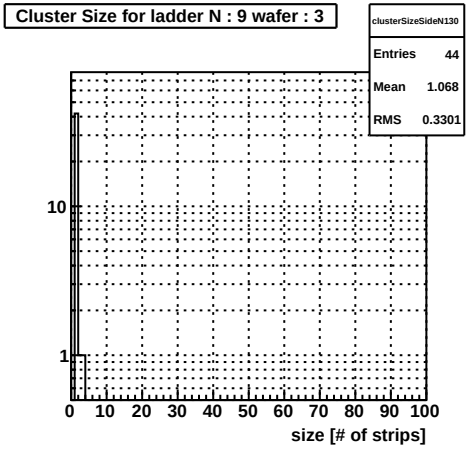

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 29
Mean 1.034
RMS 0.1825
size [# of strips]

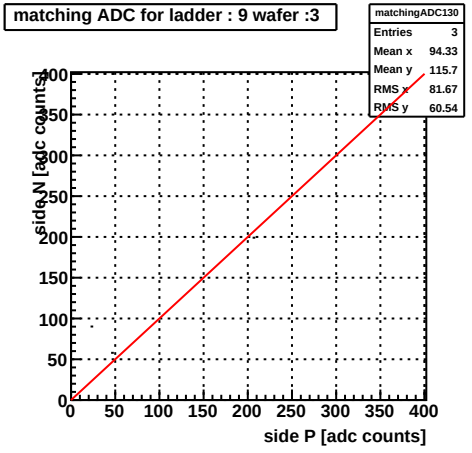

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 3
Mean x 41
Mean y 30.33
RMS x 25.14
RMS y 23.8
side N [adc counts]
side P [adc counts]

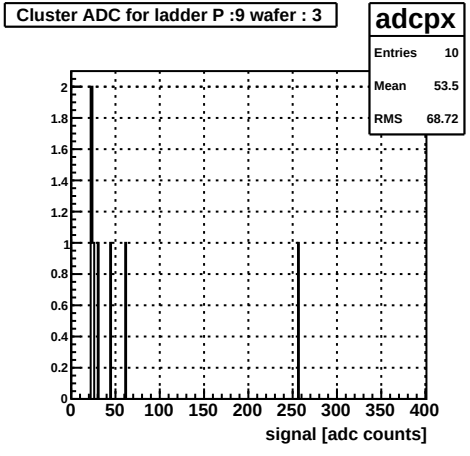

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 23
Mean 24.46
RMS 15.42
signal [adc counts]

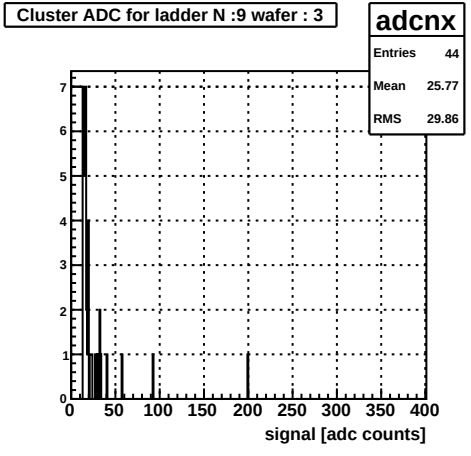

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 29
Mean 19.95
RMS 9.697
signal [adc counts]

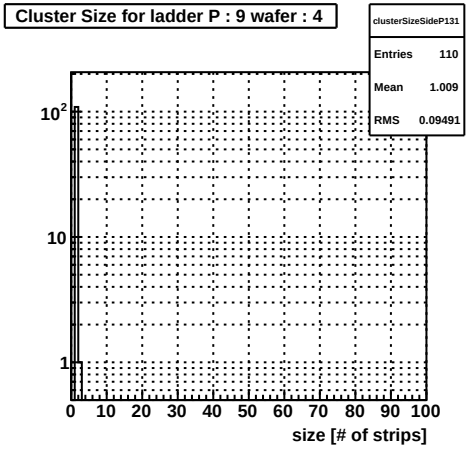

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

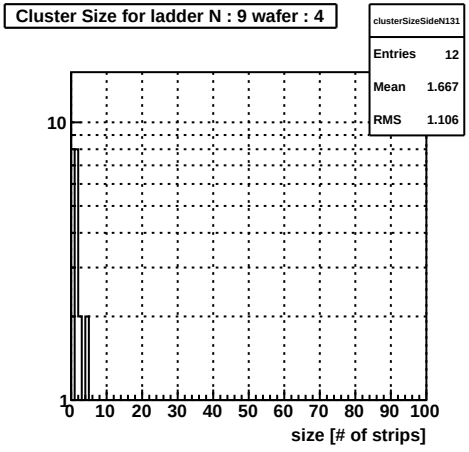

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 44
Mean 1.068
RMS 0.3301
size [# of strips]

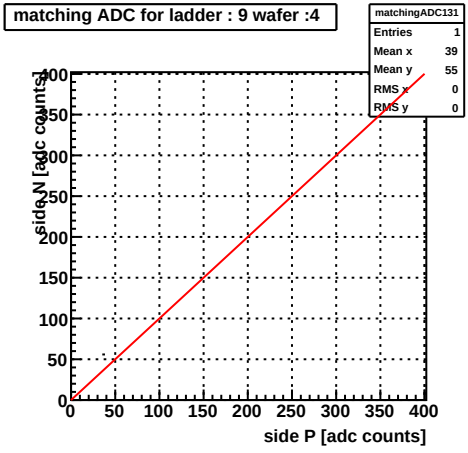

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 3
Mean x 94.33
Mean y 115.7
RMS x 81.67
RMS y 60.54
side N [adc counts]
side P [adc counts]

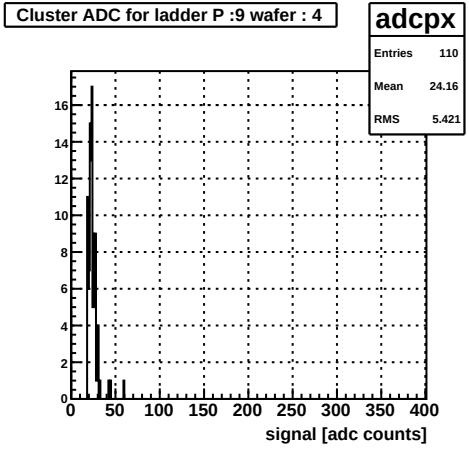

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 10
Mean 53.5
RMS 68.72
signal [adc counts]

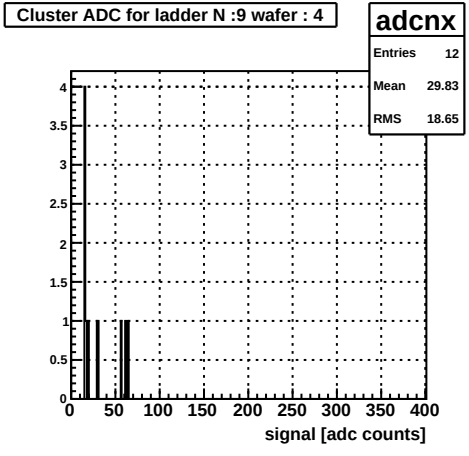

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 44
Mean 25.77
RMS 29.86
signal [adc counts]

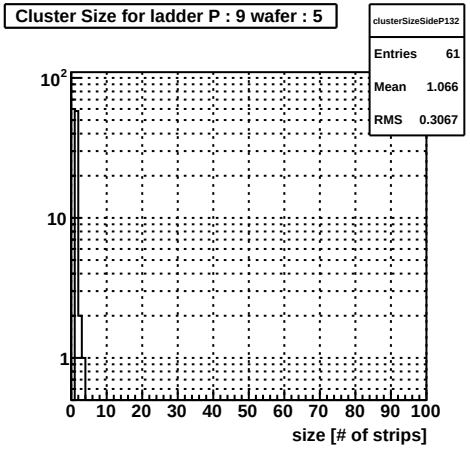

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 110
Mean 1.009
RMS 0.09491
size [# of strips]

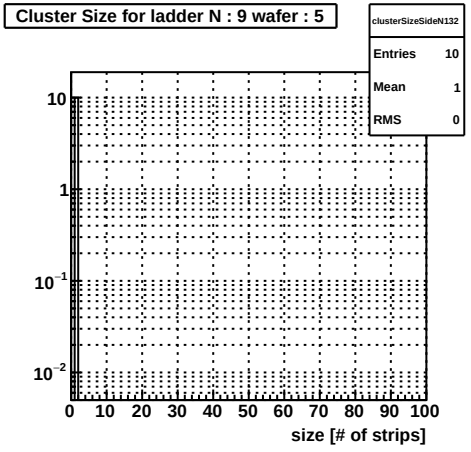

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 12
Mean 1.667
RMS 1.106
size [# of strips]

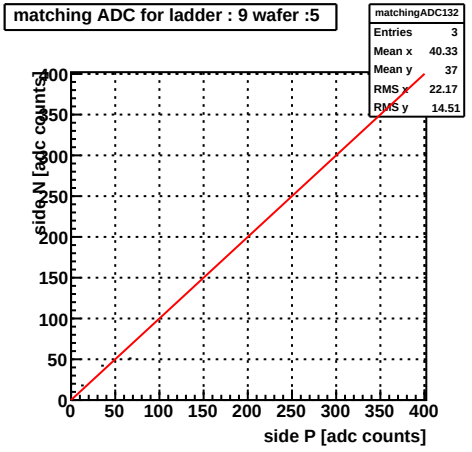

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 1
Mean x 39
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

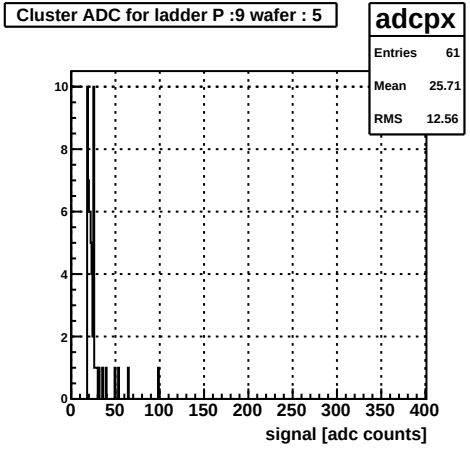

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 110
Mean 24.16
RMS 5.421
signal [adc counts]

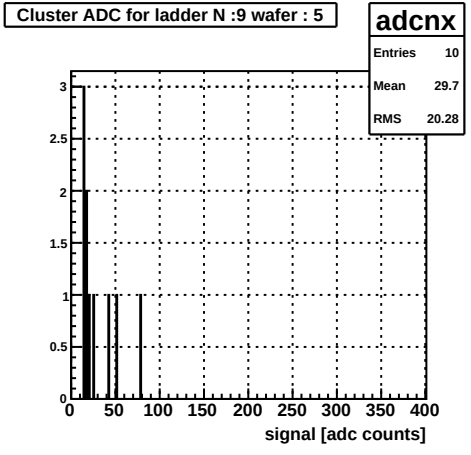

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 12
Mean 29.83
RMS 18.65
signal [adc counts]

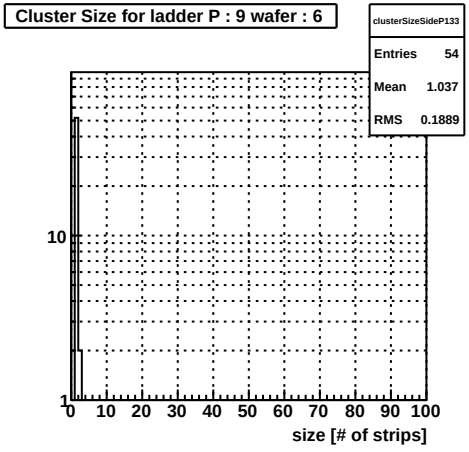

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 61
Mean 1.066
RMS 0.3067
size [# of strips]

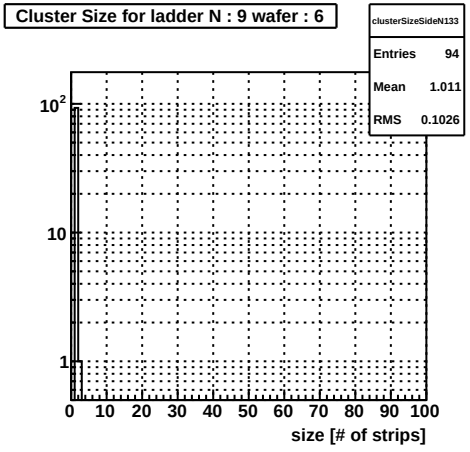

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 10
Mean 1
RMS 0
size [# of strips]

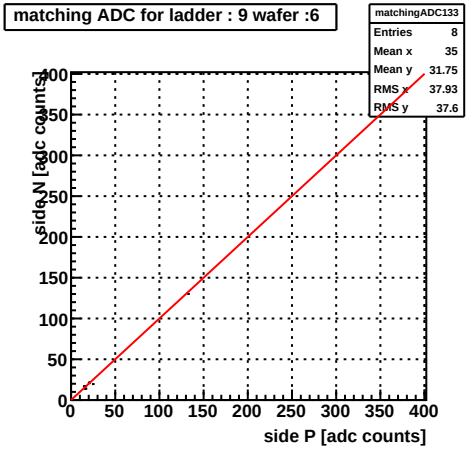

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 3
Mean x 40.33
Mean y 37
RMS x 22.17
RMS y 14.51
side N [adc counts]
side P [adc counts]

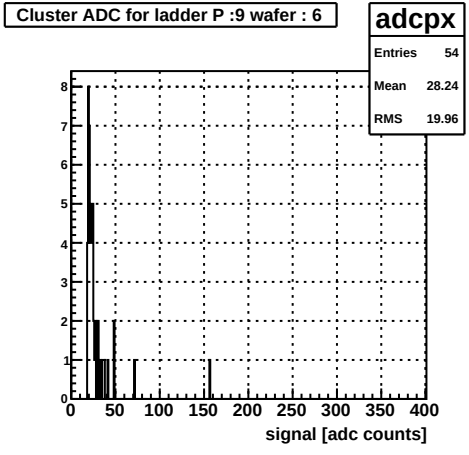

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 61
Mean 25.71
RMS 12.56
signal [adc counts]

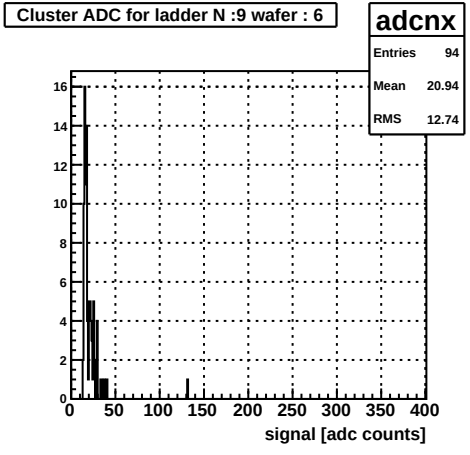

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 10
Mean 29.7
RMS 20.28
signal [adc counts]

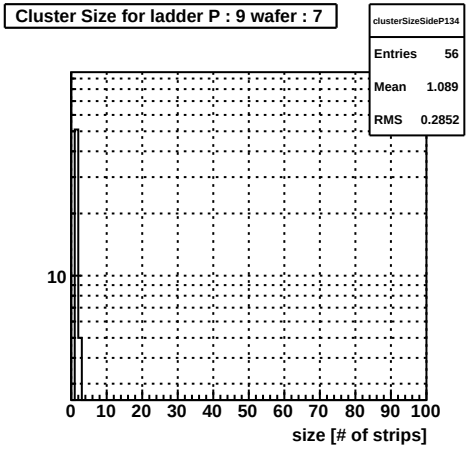

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 54
Mean 1.037
RMS 0.1889
size [# of strips]

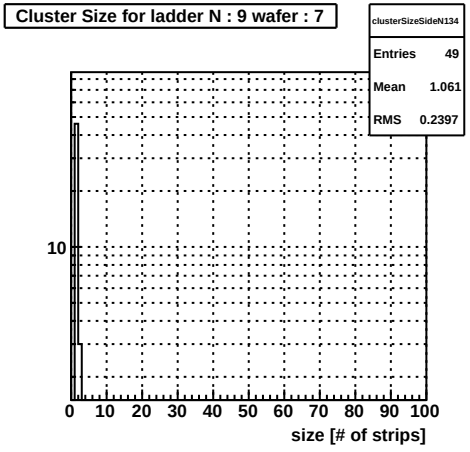

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 94
Mean 1.011
RMS 0.1026
size [# of strips]

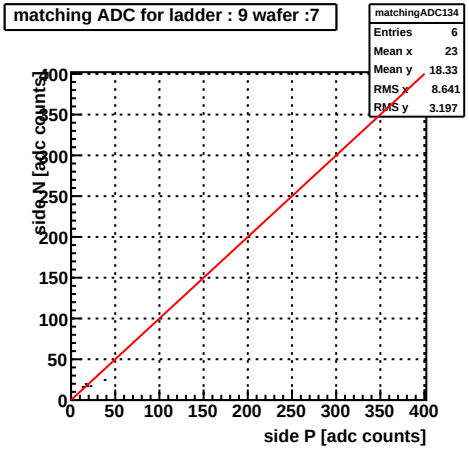

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 8
Mean x 35
Mean y 31.75
RMS x 37.93
RMS y 37.6
side N [adc counts]
side P [adc counts]

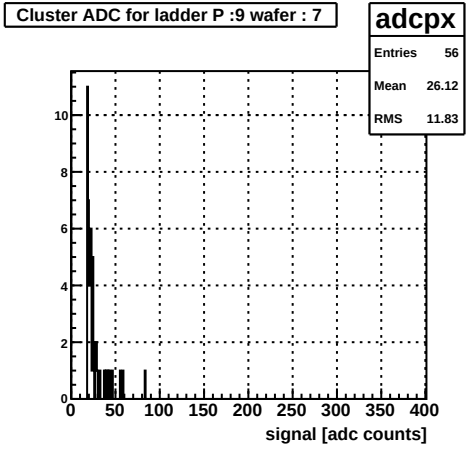

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 54
Mean 28.24
RMS 19.96
signal [adc counts]

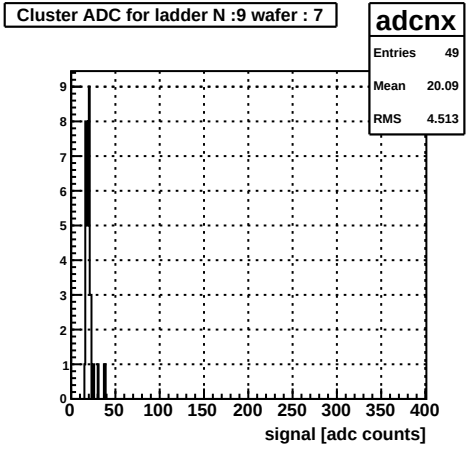

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 94
Mean 20.94
RMS 12.74
signal [adc counts]

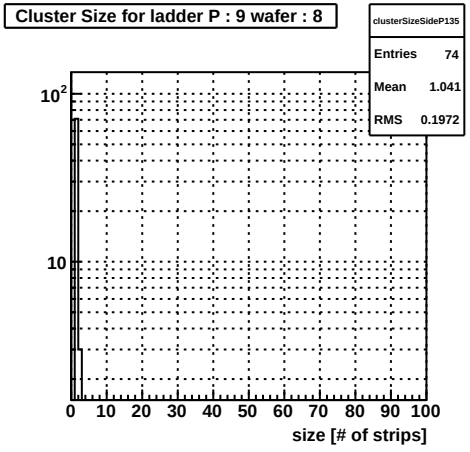

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 56
Mean 1.089
RMS 0.2852
size [# of strips]

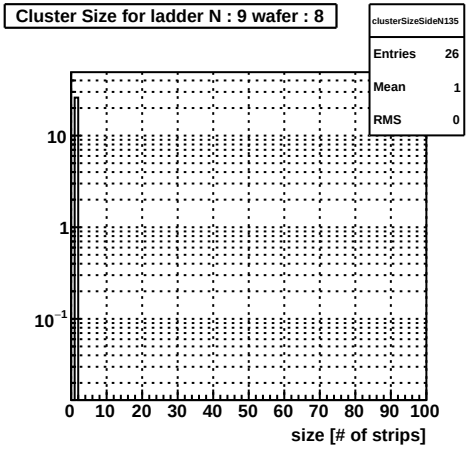

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 49
Mean 1.061
RMS 0.2397
size [# of strips]

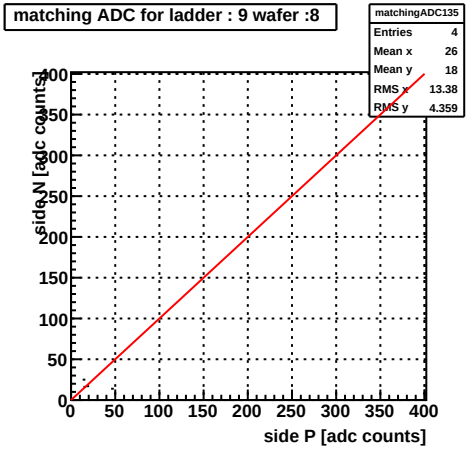

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 6
Mean x 23
Mean y 18.33
RMS x 8.641
RMS y 3.197
side N [adc counts]
side P [adc counts]

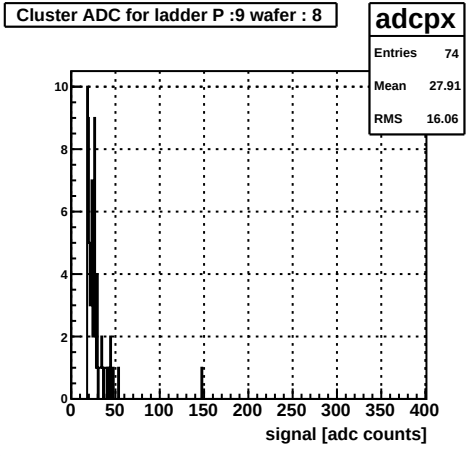

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 56
Mean 26.12
RMS 11.83
signal [adc counts]

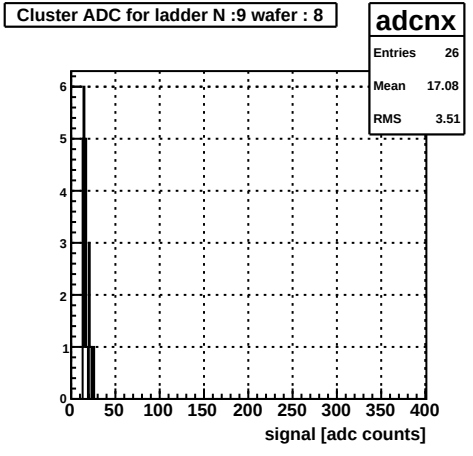

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 49
Mean 20.09
RMS 4.513
signal [adc counts]

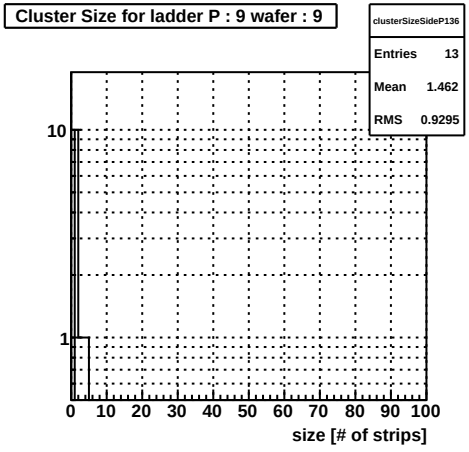

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 74
Mean 1.041
RMS 0.1972
size [# of strips]

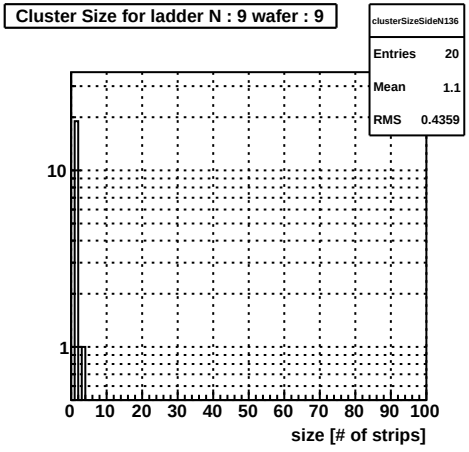

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 26
Mean 1
RMS 0
size [# of strips]

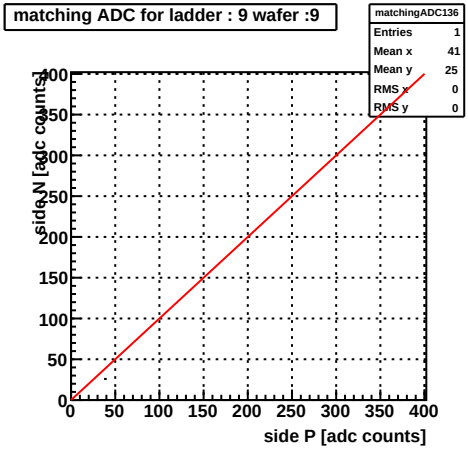

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4
Mean x 26
Mean y 18
RMS x 13.38
RMS y 4.359
side N [adc counts]
side P [adc counts]

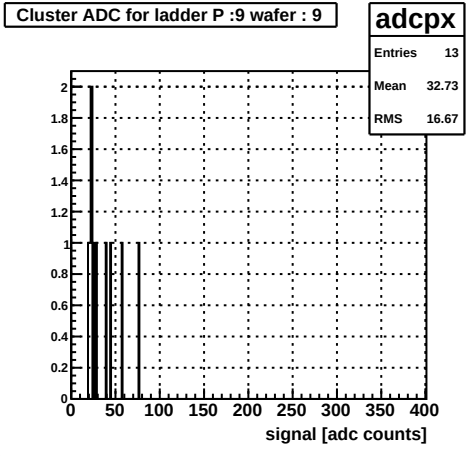

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 74
Mean 27.91
RMS 16.06
signal [adc counts]

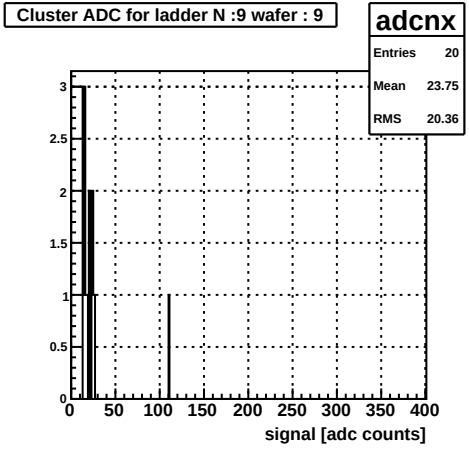

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 26
Mean 17.08
RMS 3.51
signal [adc counts]

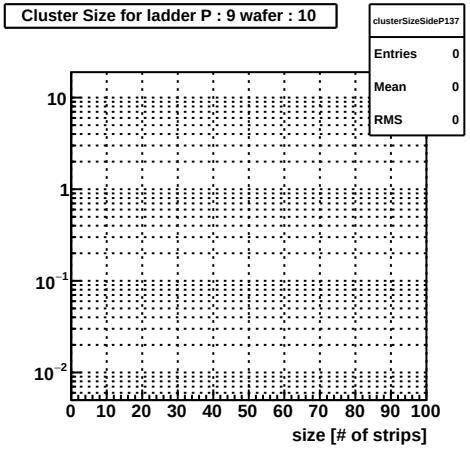

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 13
Mean 1.462
RMS 0.9295
size [# of strips]

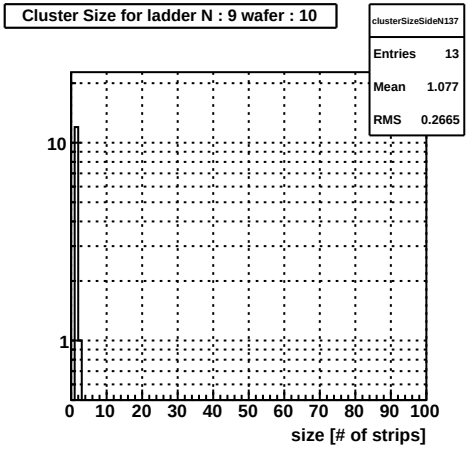

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 20
Mean 1.1
RMS 0.4359
size [# of strips]

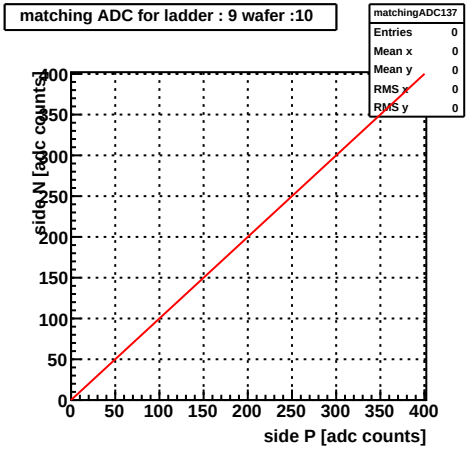

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1
Mean x 41
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

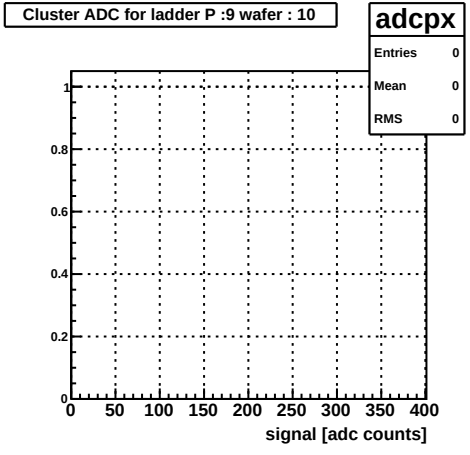

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 13
Mean 32.73
RMS 16.67
signal [adc counts]

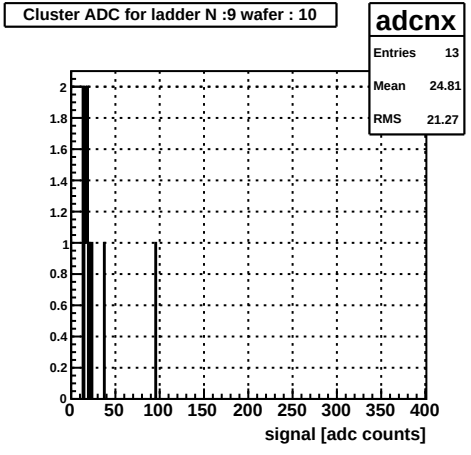

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 20
Mean 23.75
RMS 20.36
signal [adc counts]

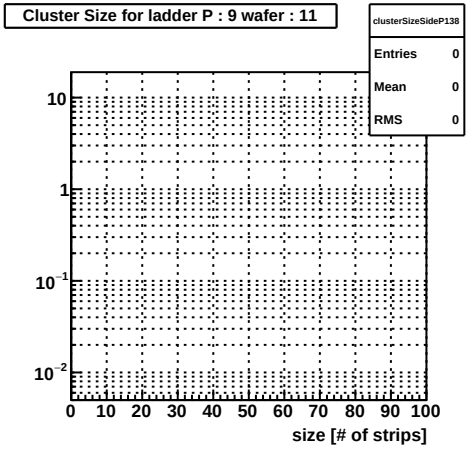

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

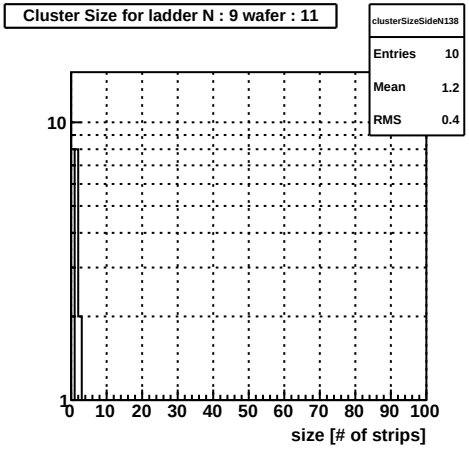

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

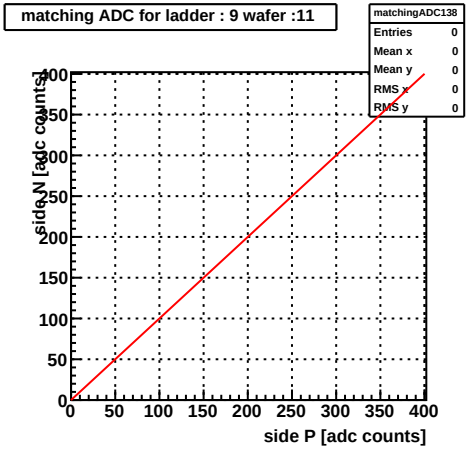

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

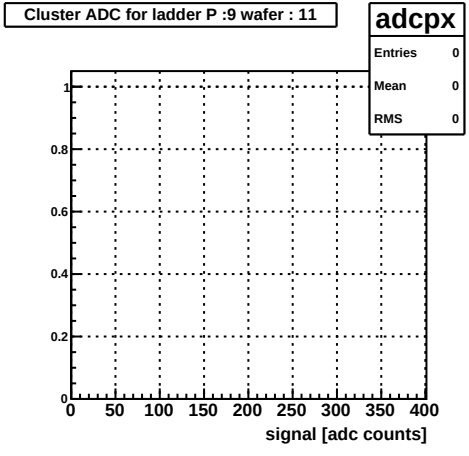

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

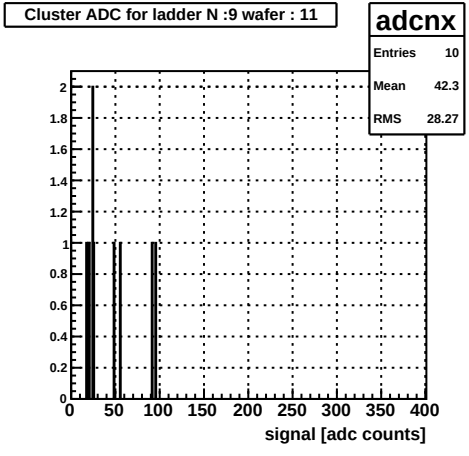

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 13
Mean 24.81
RMS 21.27
signal [adc counts]

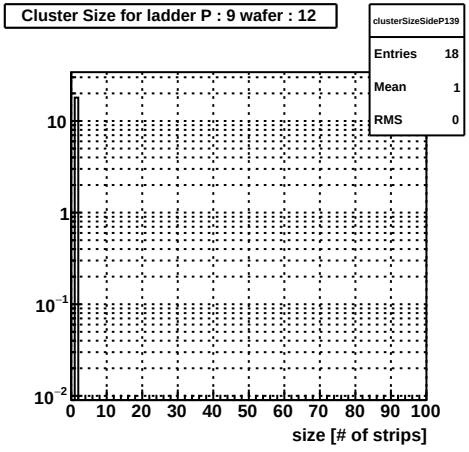

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

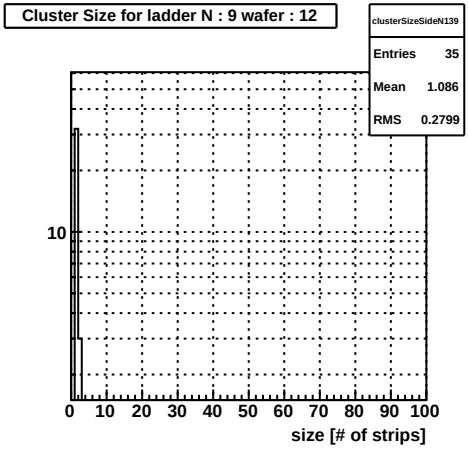

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

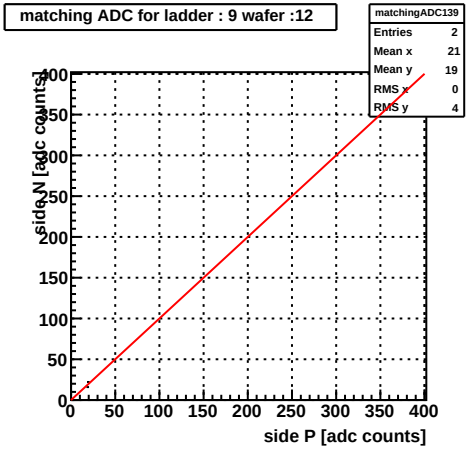

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

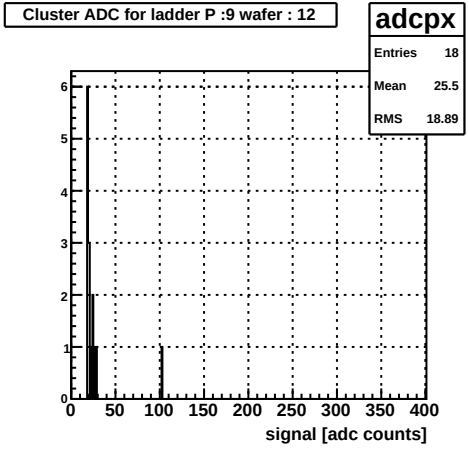

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

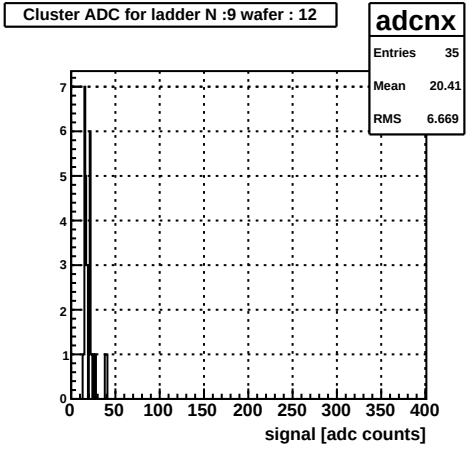

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 10
Mean 42.3
RMS 28.27
signal [adc counts]

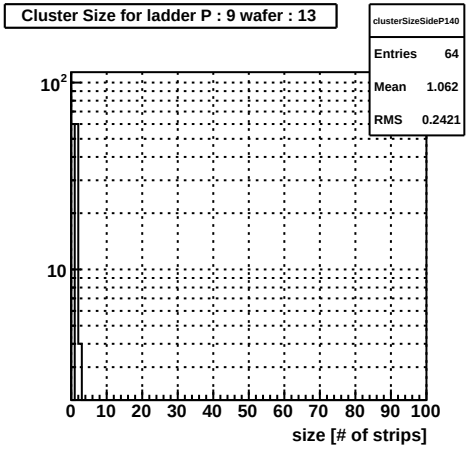

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 18
Mean 1
RMS 0
size [# of strips]

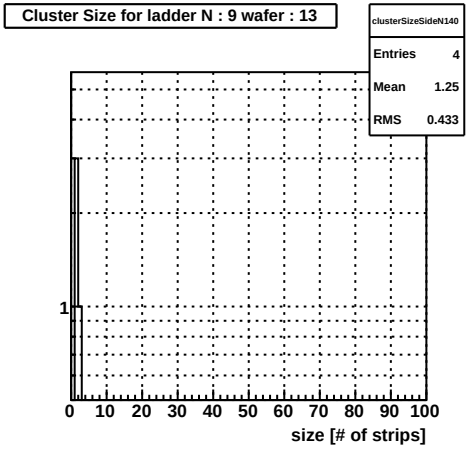

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 35
Mean 1.086
RMS 0.2799
size [# of strips]

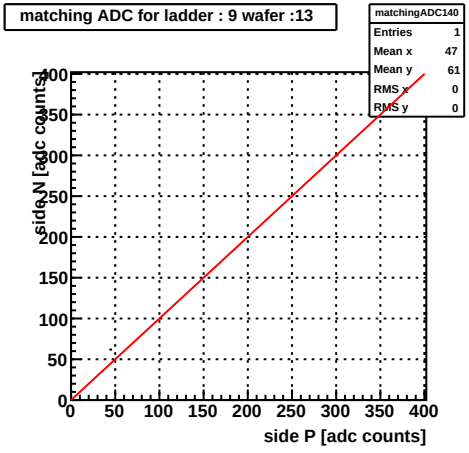

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 2
Mean x 21
Mean y 19
RMS x 0
RMS y 4
side N [adc counts]
side P [adc counts]

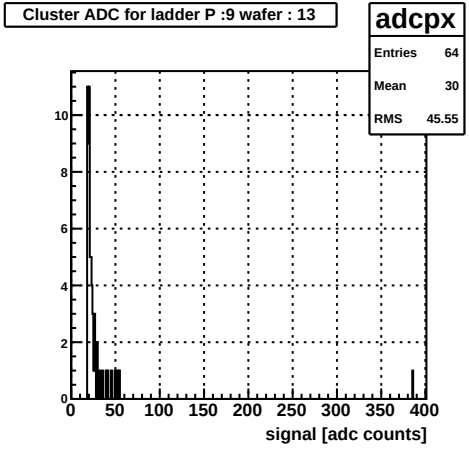

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 18
Mean 25.5
RMS 18.89
signal [adc counts]

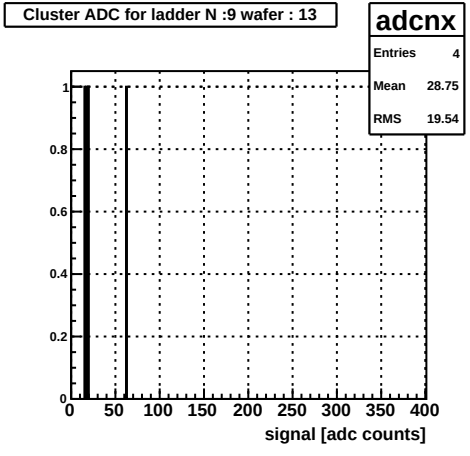

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 35
Mean 20.41
RMS 6.669
signal [adc counts]

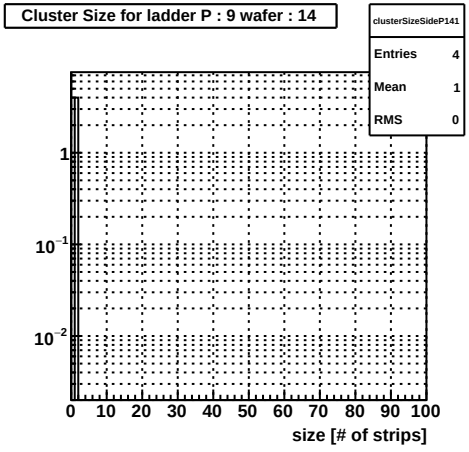

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 64
Mean 1.062
RMS 0.2421
size [# of strips]

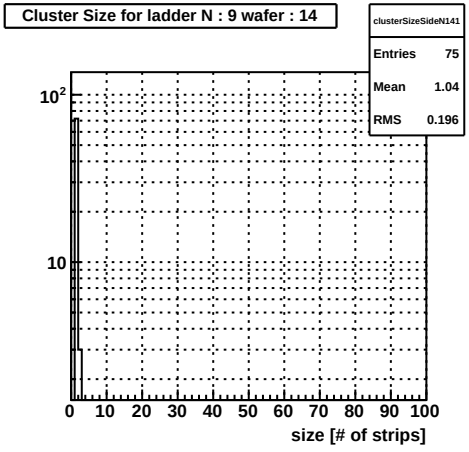

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

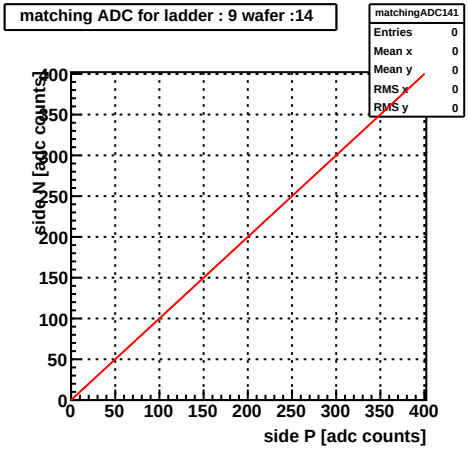

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 1
Mean x 47
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

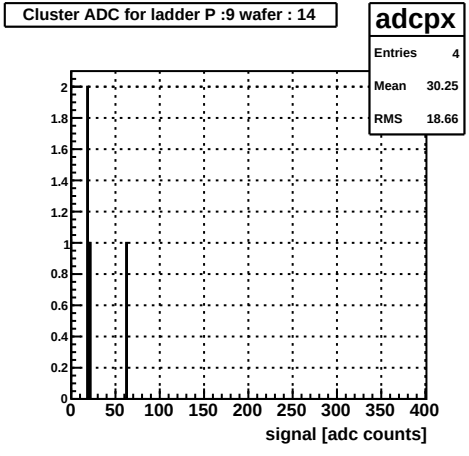

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 64
Mean 30
RMS 45.55
signal [adc counts]

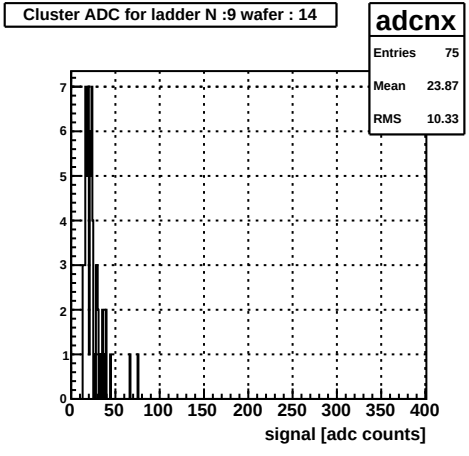

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 4
Mean 28.75
RMS 19.54
signal [adc counts]

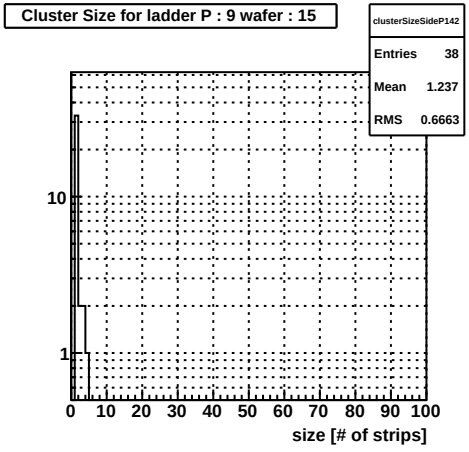

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4
Mean 1
RMS 0
size [# of strips]

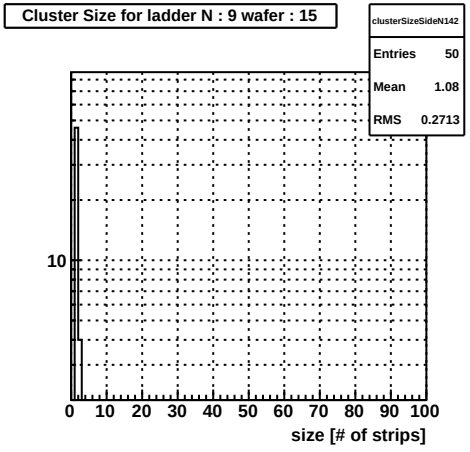

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 75
Mean 1.04
RMS 0.196
size [# of strips]

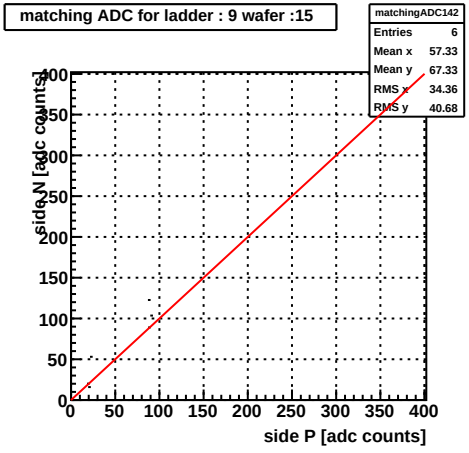

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

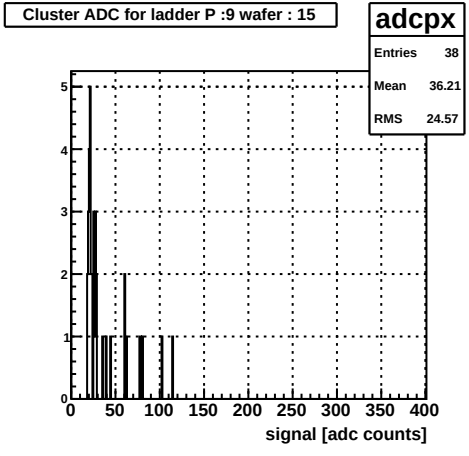

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4
Mean 30.25
RMS 18.66
signal [adc counts]

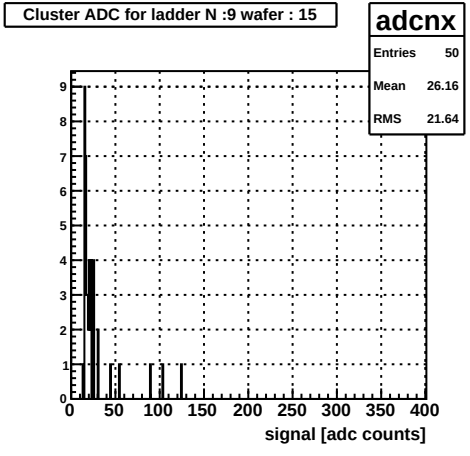

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 75
Mean 23.87
RMS 10.33
signal [adc counts]

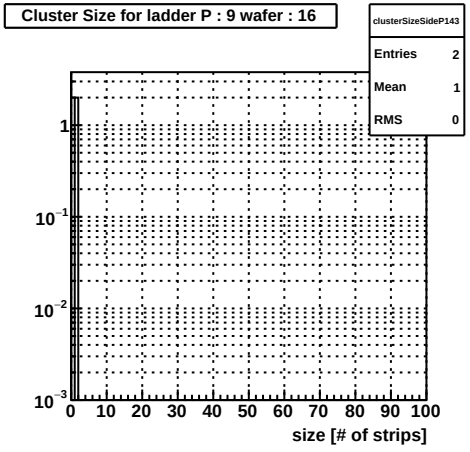

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 38
Mean 1.237
RMS 0.6663
size [# of strips]

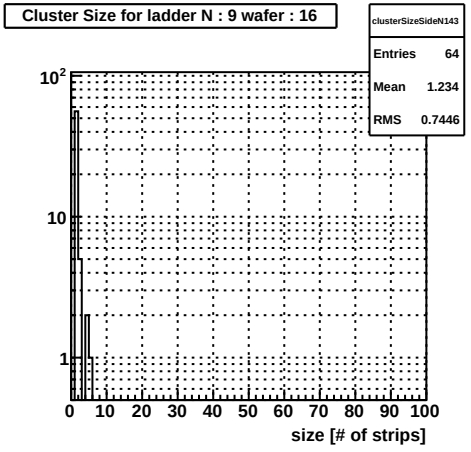

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 50
Mean 1.08
RMS 0.2713
size [# of strips]

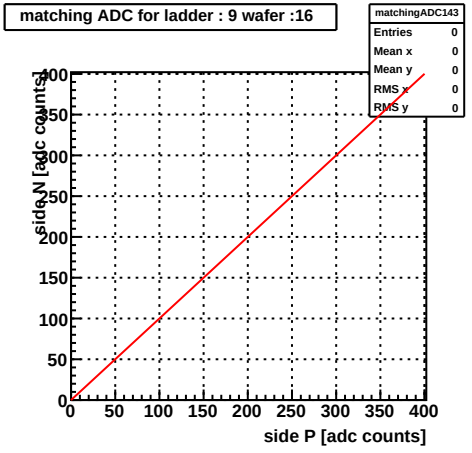

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 6
Mean x 57.33
Mean y 67.33
RMS x 34.36
RMS y 40.68
side N [adc counts]
side P [adc counts]

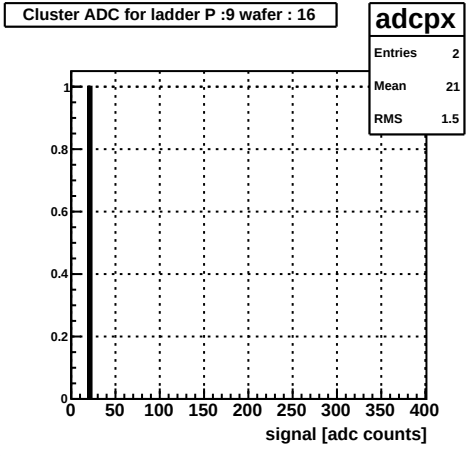

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 38
Mean 36.21
RMS 24.57
signal [adc counts]

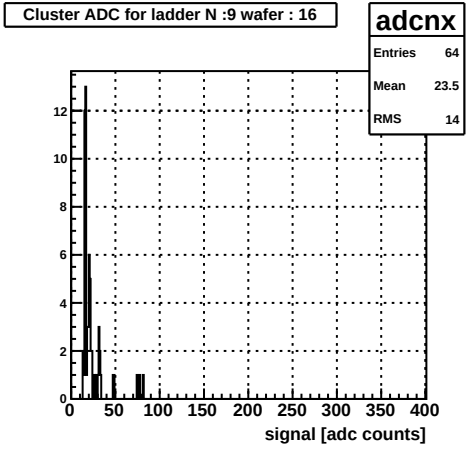

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 50
Mean 26.16
RMS 21.64
signal [adc counts]

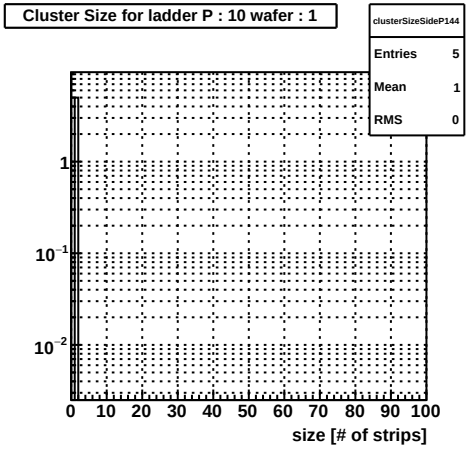

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 2
Mean 1
RMS 0
size [# of strips]

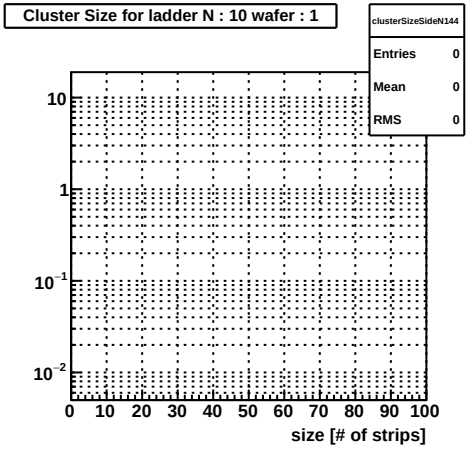

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 64
Mean 1.234
RMS 0.7446
size [# of strips]

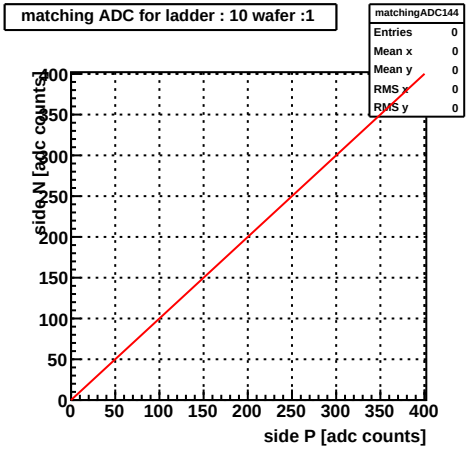

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

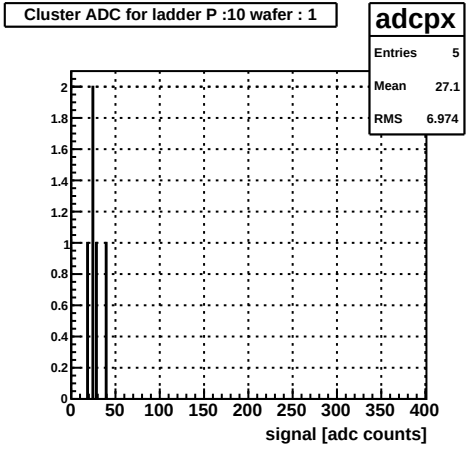

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 2
Mean 21
RMS 1.5
signal [adc counts]

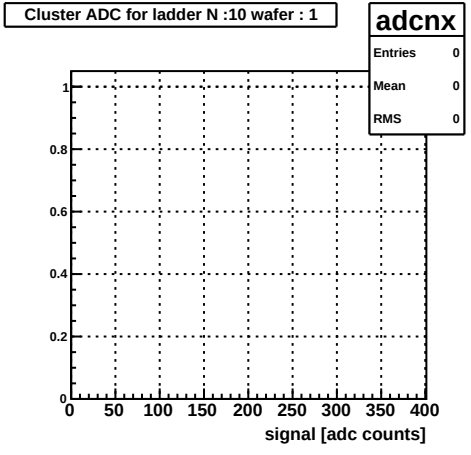

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 64
Mean 23.5
RMS 14
signal [adc counts]

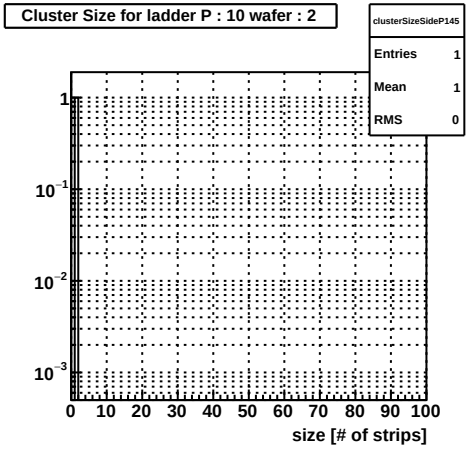

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 5
Mean 1
RMS 0
size [# of strips]

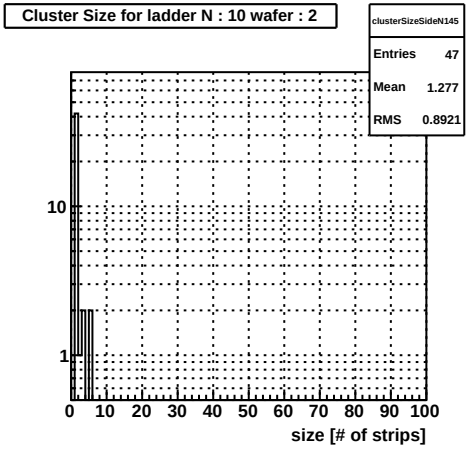

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 0
Mean 0
RMS 0
size [# of strips]

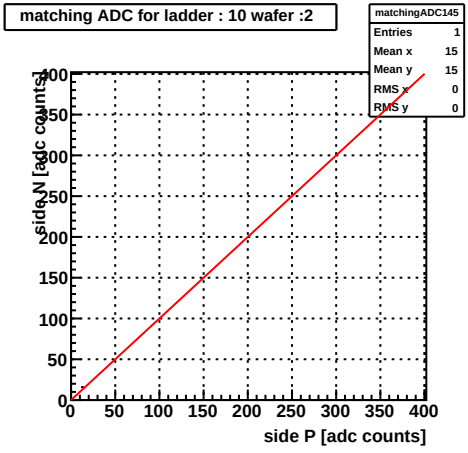

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

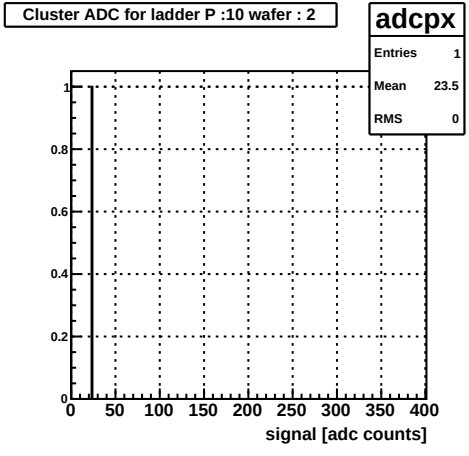

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 5
Mean 27.1
RMS 6.974
signal [adc counts]

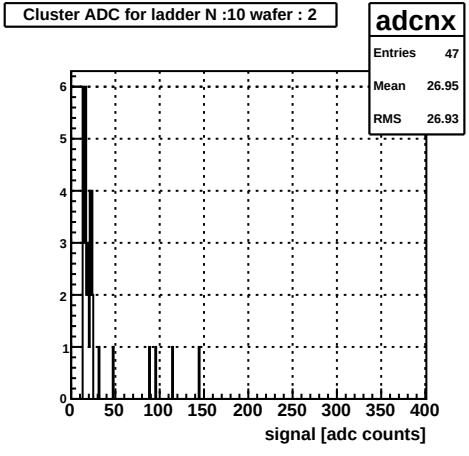

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

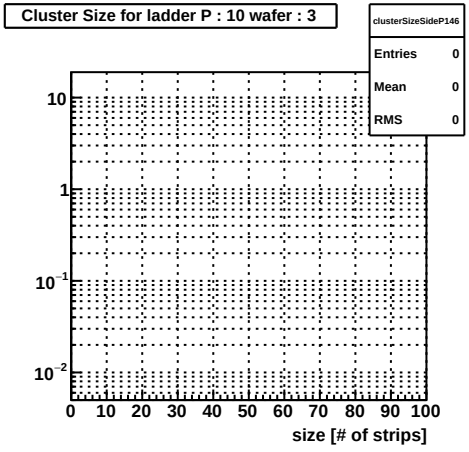

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1
Mean 1
RMS 0
size [# of strips]

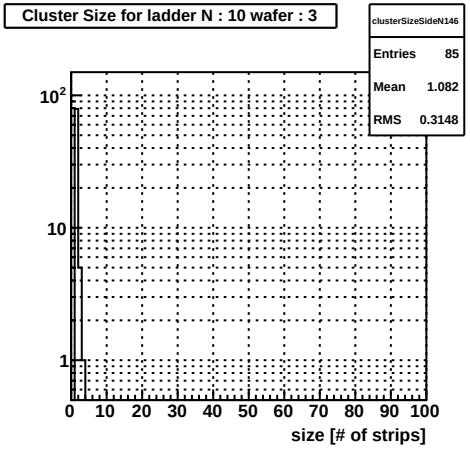

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 47
Mean 1.277
RMS 0.8921
size [# of strips]

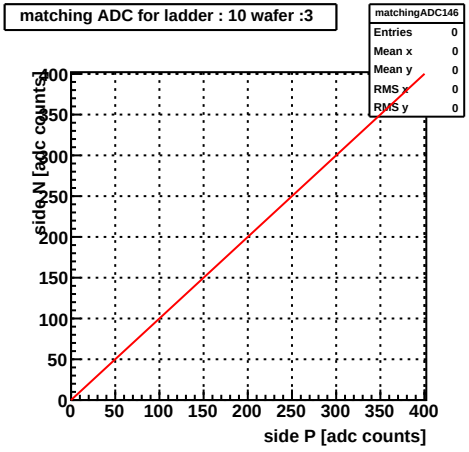

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 1
Mean x 15
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

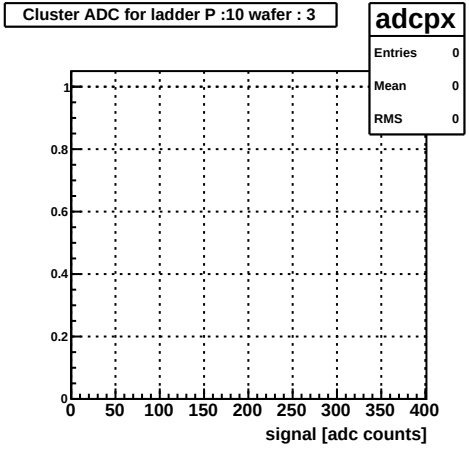

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1
Mean 23.5
RMS 0
signal [adc counts]

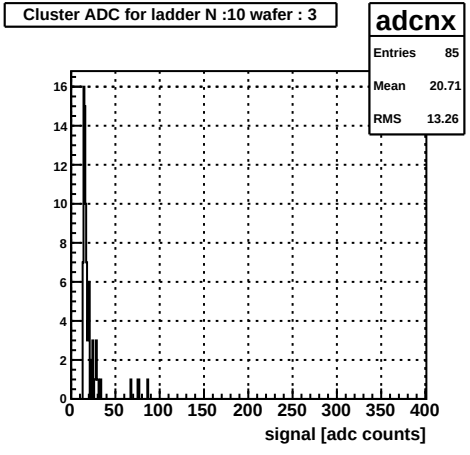

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 47
Mean 26.95
RMS 26.93
signal [adc counts]

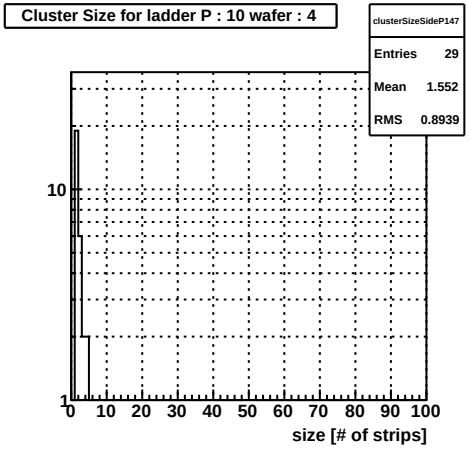

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 0
Mean 0
RMS 0
size [# of strips]

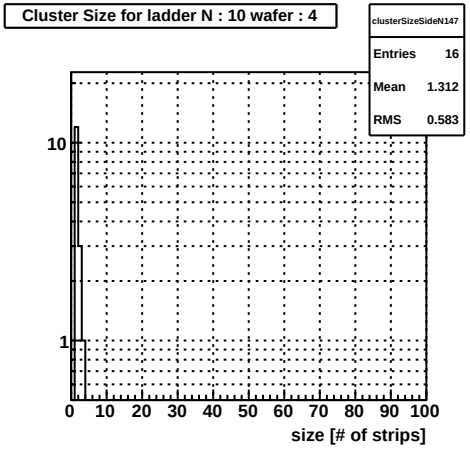

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 85
Mean 1.082
RMS 0.3148
size [# of strips]

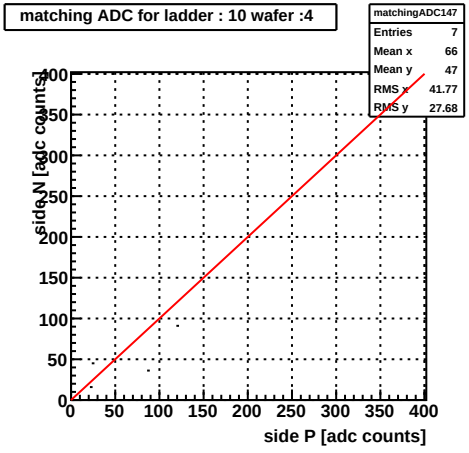

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

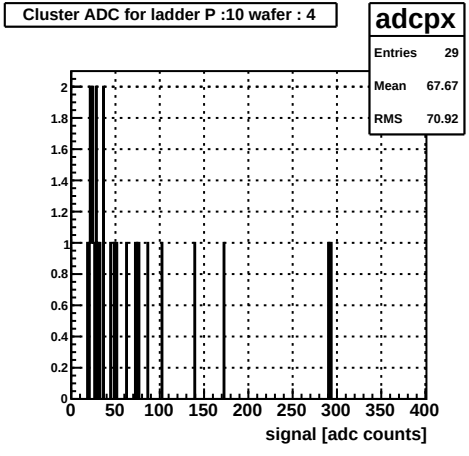

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

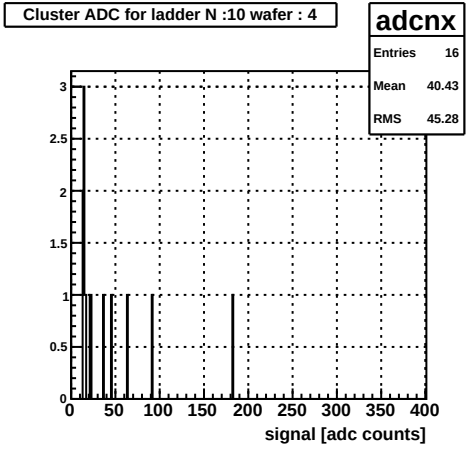

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 85
Mean 20.71
RMS 13.26
signal [adc counts]

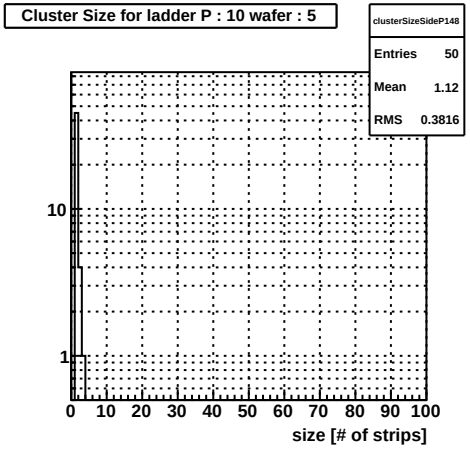

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 29
Mean 1.552
RMS 0.8939
size [# of strips]

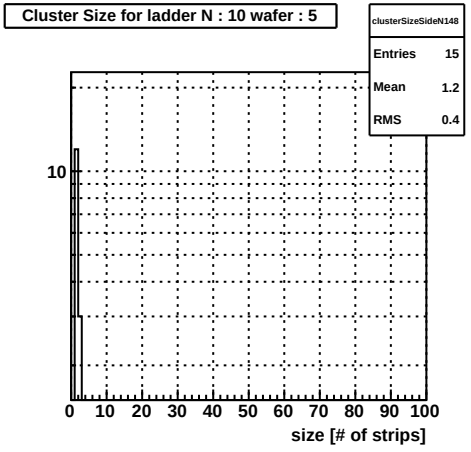

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 16
Mean 1.312
RMS 0.583
size [# of strips]

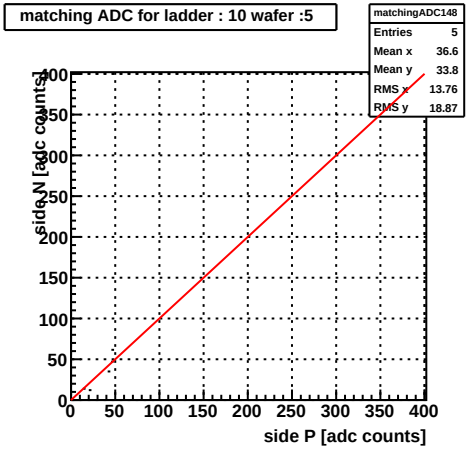

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 7
Mean x 66
Mean y 47
RMS x 41.77
RMS y 27.68
side N [adc counts]
side P [adc counts]

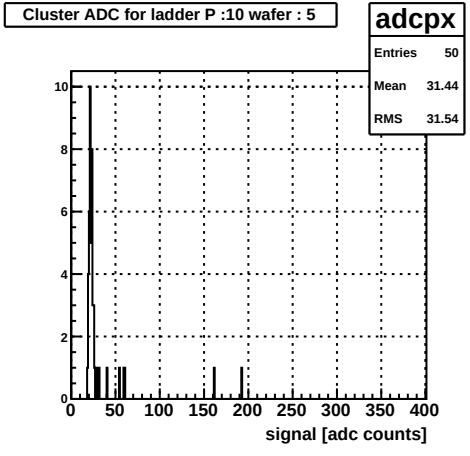

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 29
Mean 67.67
RMS 70.92
signal [adc counts]

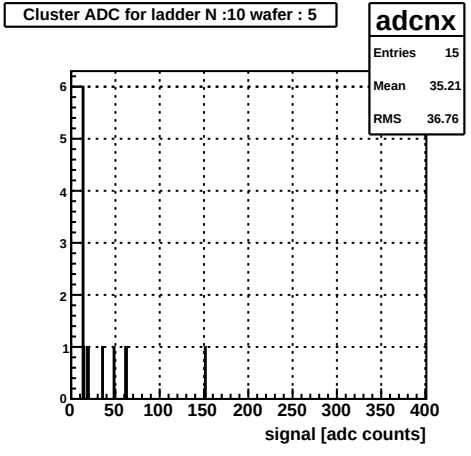

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 16
Mean 40.43
RMS 45.28
signal [adc counts]

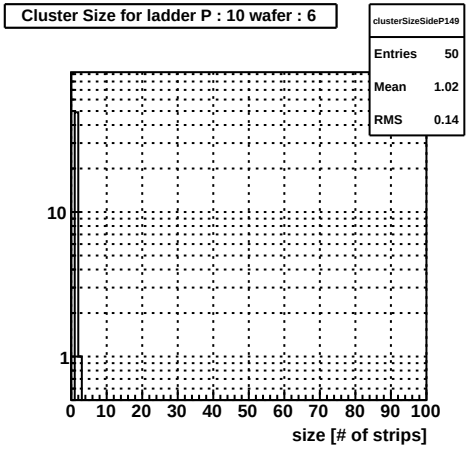

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 50
Mean 1.12
RMS 0.3816
size [# of strips]

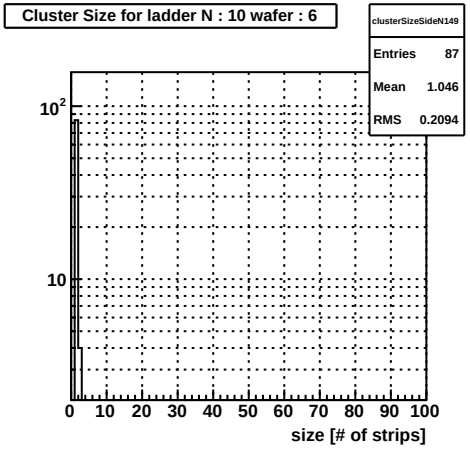

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 15
Mean 1.2
RMS 0.4
size [# of strips]

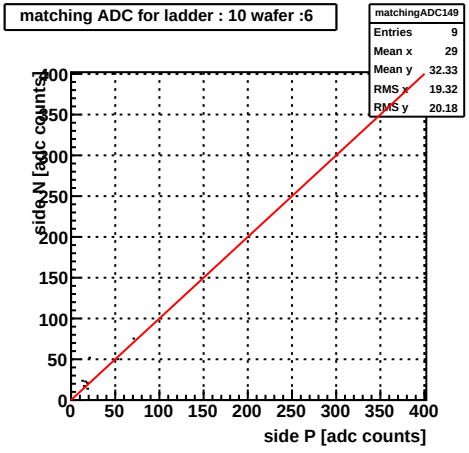

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 5
Mean x 36.6
Mean y 33.8
RMS x 13.76
RMS y 18.87
side N [adc counts]
side P [adc counts]

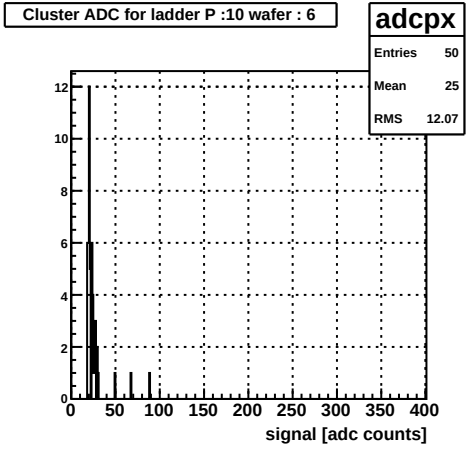

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 50
Mean 31.44
RMS 31.54
signal [adc counts]

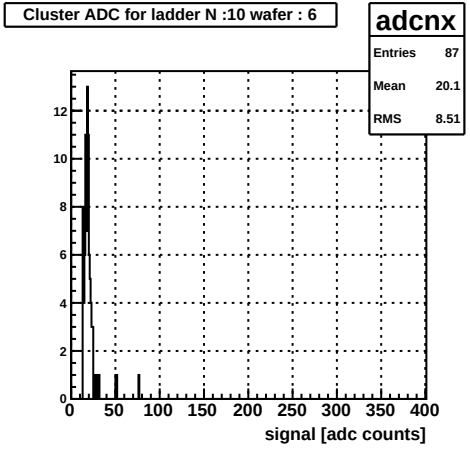

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 15
Mean 35.21
RMS 36.76
signal [adc counts]

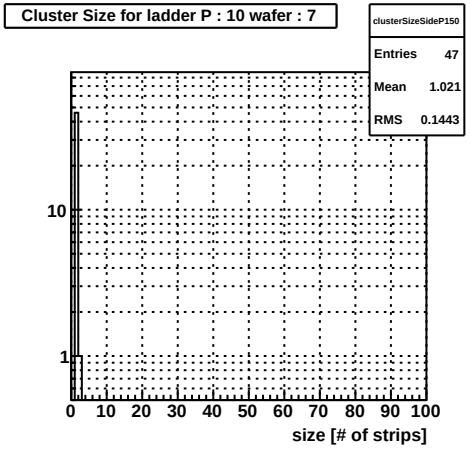

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 50
Mean 1.02
RMS 0.14
size [# of strips]

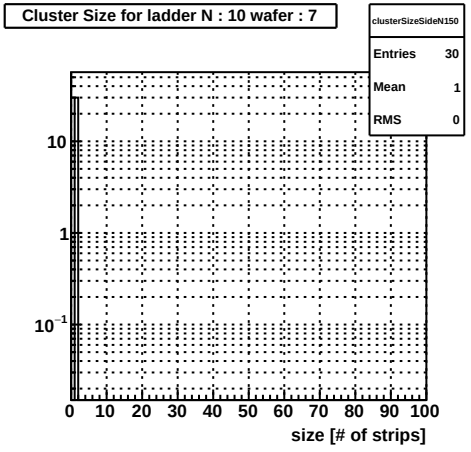

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 87
Mean 1.046
RMS 0.2094
size [# of strips]

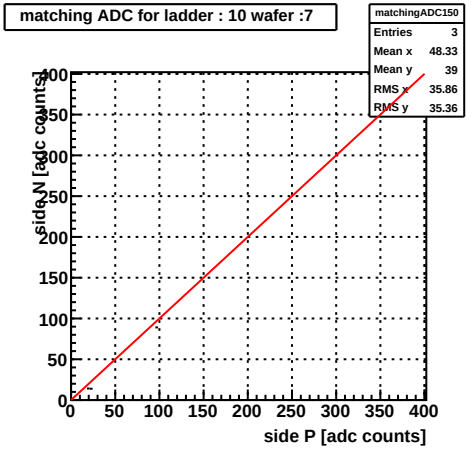

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 9
Mean x 29
Mean y 32.33
RMS x 19.32
RMS y 20.18
side N [adc counts]
side P [adc counts]

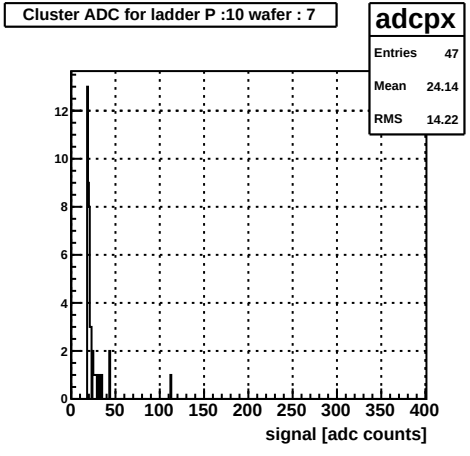

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 50
Mean 25
RMS 12.07
signal [adc counts]

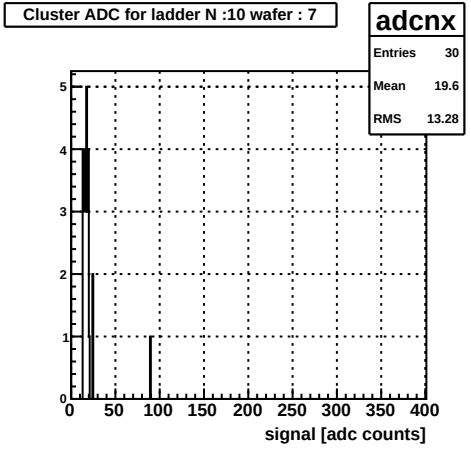

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 87
Mean 20.1
RMS 8.51
signal [adc counts]

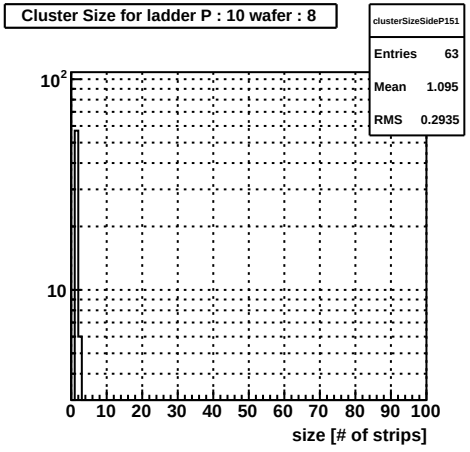

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 47
Mean 1.021
RMS 0.1443
size [# of strips]

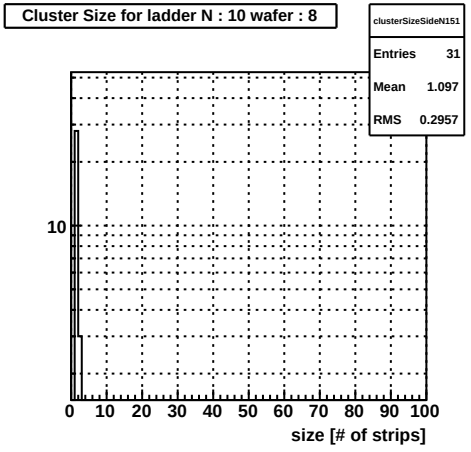

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 30
Mean 1
RMS 0
size [# of strips]

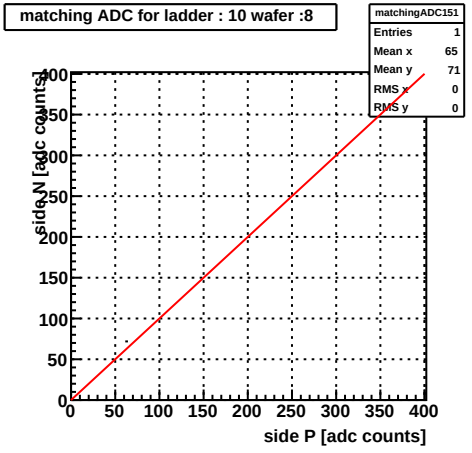

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 3
Mean x 48.33
Mean y 39
RMS x 35.86
RMS y 35.36
side N [adc counts]
side P [adc counts]

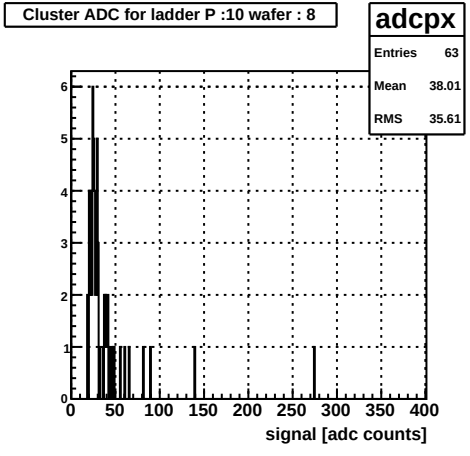

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 47
Mean 24.14
RMS 14.22
signal [adc counts]

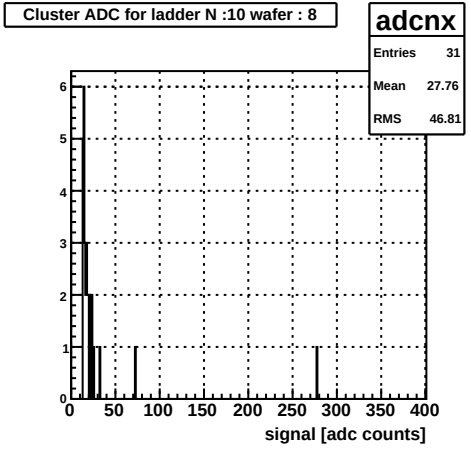

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 30
Mean 19.6
RMS 13.28
signal [adc counts]

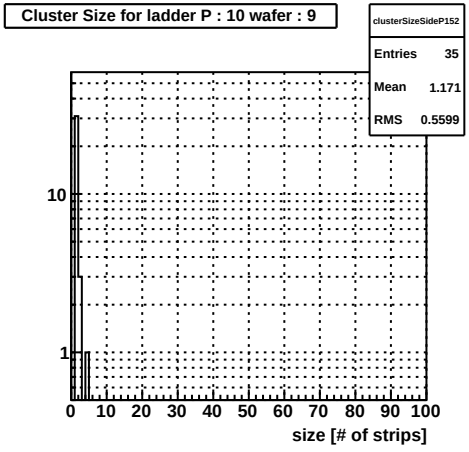

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 63
Mean 1.095
RMS 0.2935
size [# of strips]

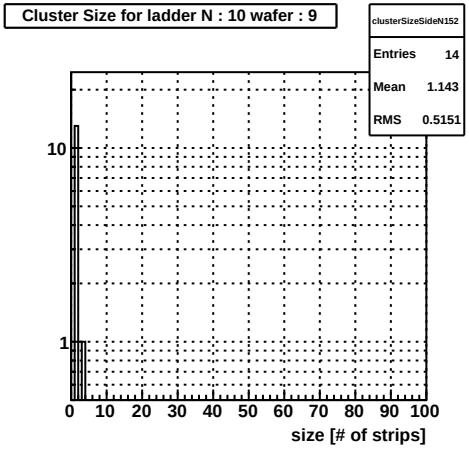

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 31
Mean 1.097
RMS 0.2957
size [# of strips]

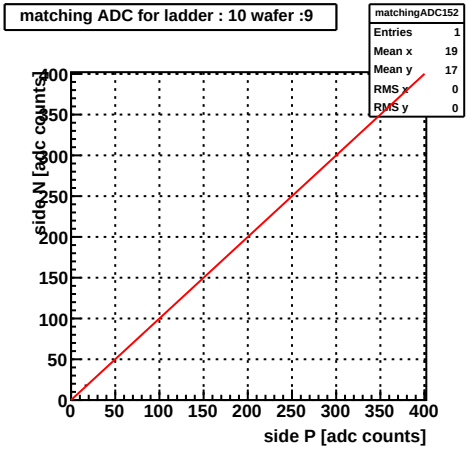

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 1
Mean x 65
Mean y 71
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

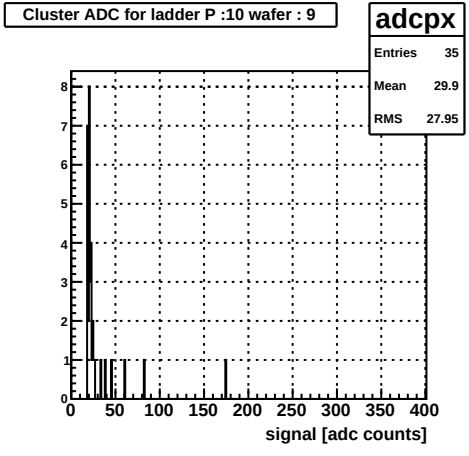

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 63
Mean 38.01
RMS 35.61
signal [adc counts]

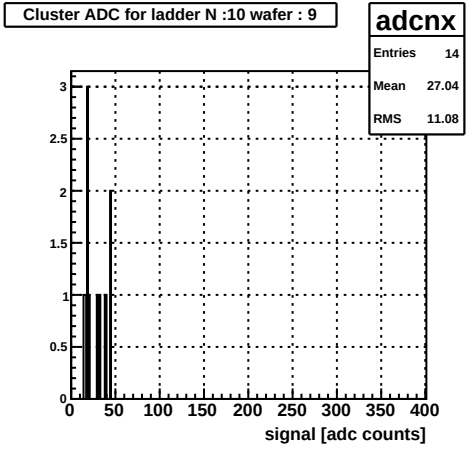

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 31
Mean 27.76
RMS 46.81
signal [adc counts]

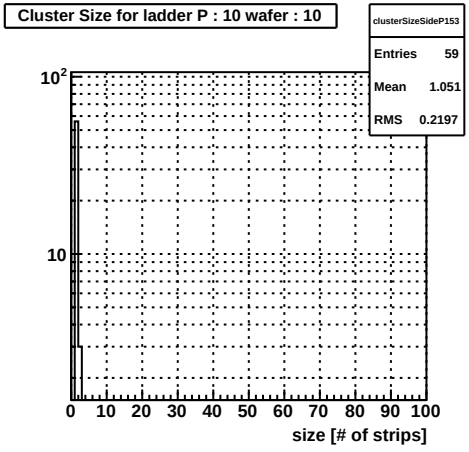

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 35
Mean 1.171
RMS 0.5599
size [# of strips]

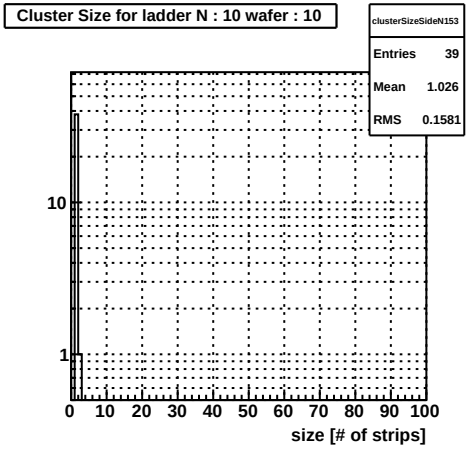

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 14
Mean 1.143
RMS 0.5151
size [# of strips]

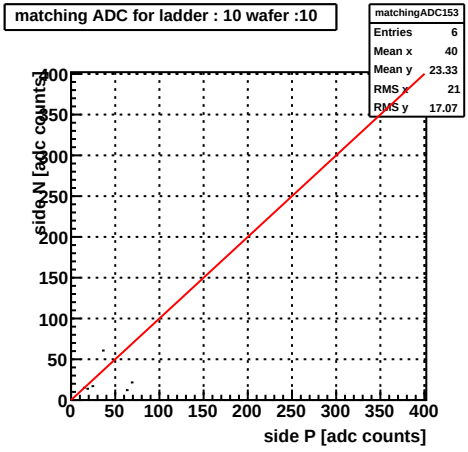

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1
Mean x 19
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

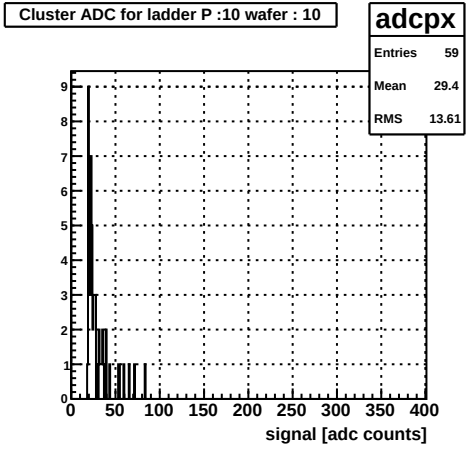

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 35
Mean 29.9
RMS 27.95
signal [adc counts]

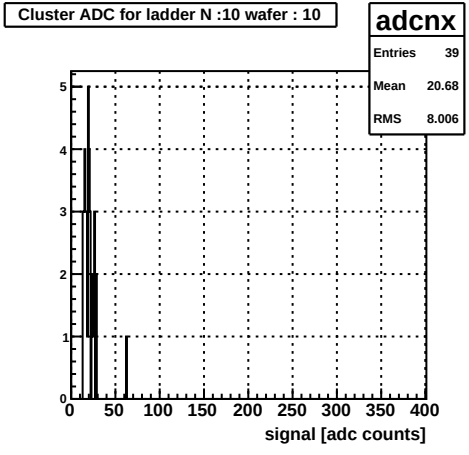

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 14
Mean 27.04
RMS 11.08
signal [adc counts]

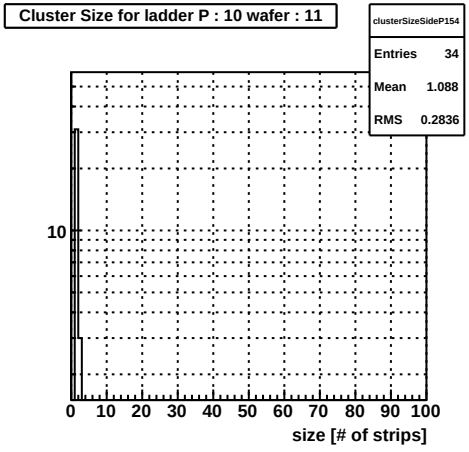

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 59
Mean 1.051
RMS 0.2197
size [# of strips]

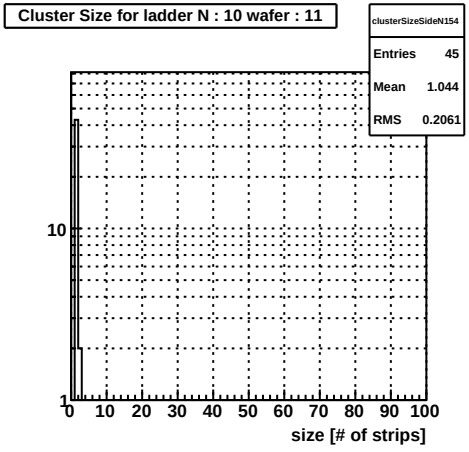

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 39
Mean 1.026
RMS 0.1581
size [# of strips]

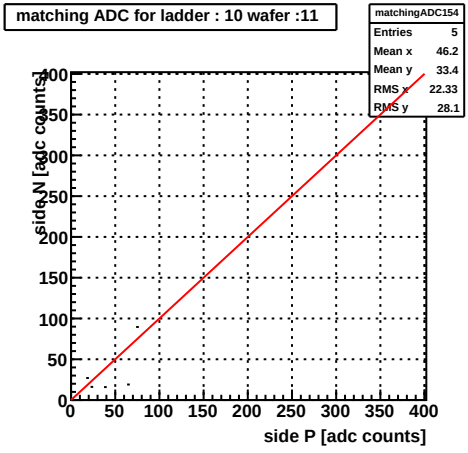

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 6
Mean x 40
Mean y 23.33
RMS x 21
RMS y 17.07
side N [adc counts]
side P [adc counts]

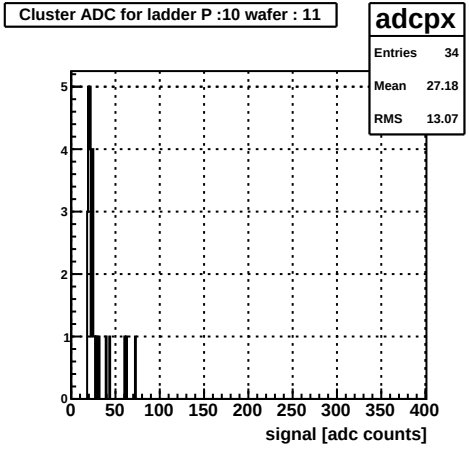

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 59
Mean 29.4
RMS 13.61
signal [adc counts]

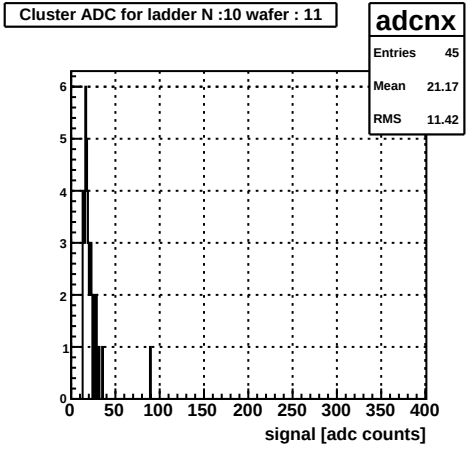

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 39
Mean 20.68
RMS 8.006
signal [adc counts]

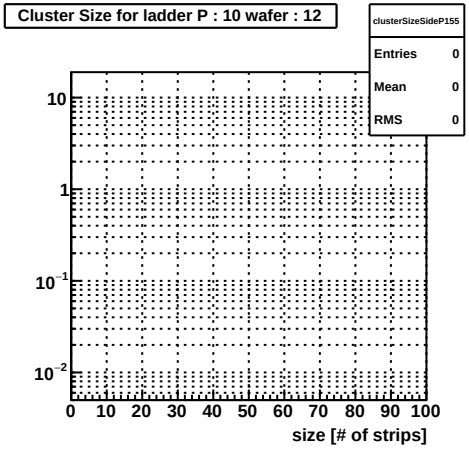

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 34
Mean 1.088
RMS 0.2836
size [# of strips]

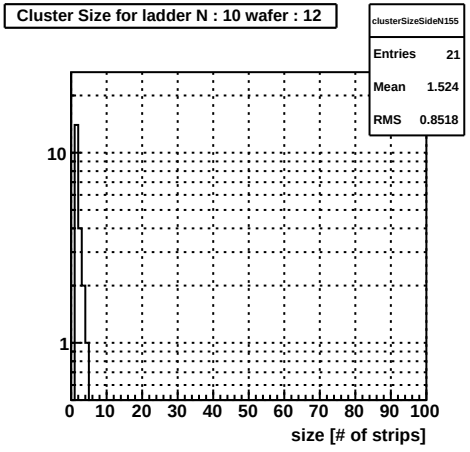

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 45
Mean 1.044
RMS 0.2061
size [# of strips]

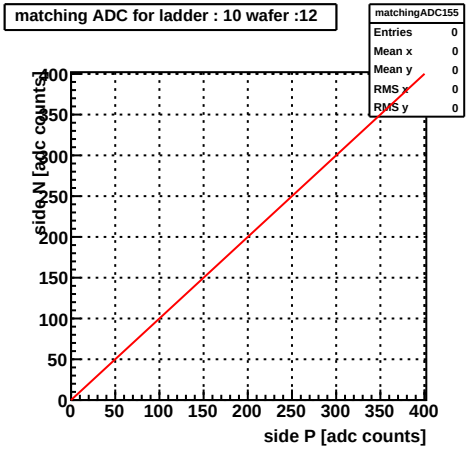

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 5
Mean x 46.2
Mean y 33.4
RMS x 22.33
RMS y 28.1
side N [adc counts]
side P [adc counts]

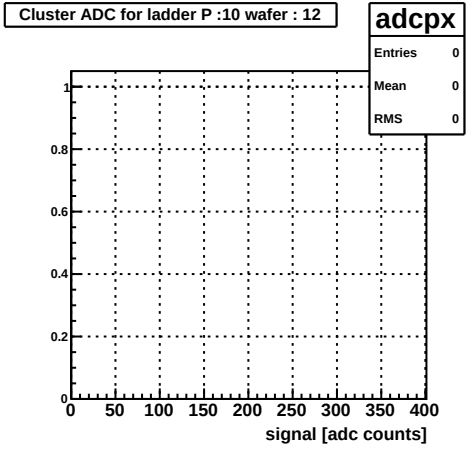

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 34
Mean 27.18
RMS 13.07
signal [adc counts]

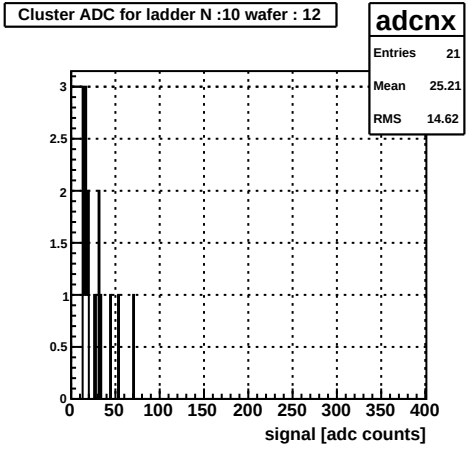

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 45
Mean 21.17
RMS 11.42
signal [adc counts]

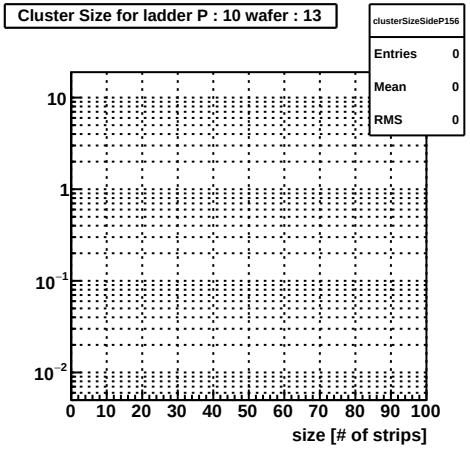

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

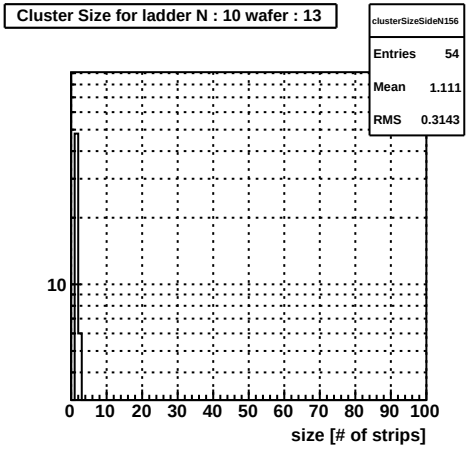

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 21
Mean 1.524
RMS 0.8518
size [# of strips]

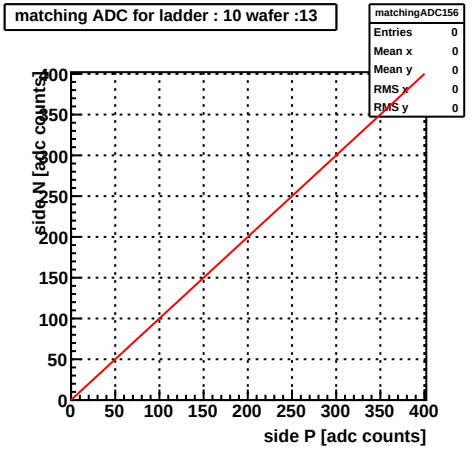

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

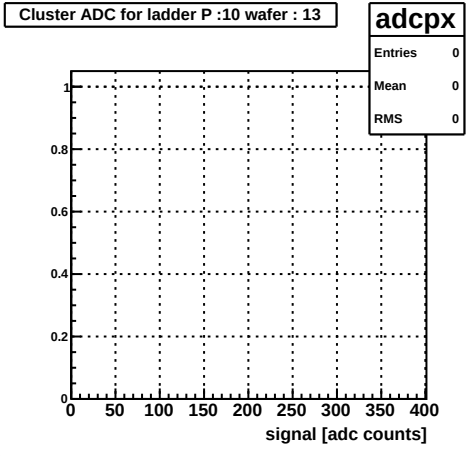

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

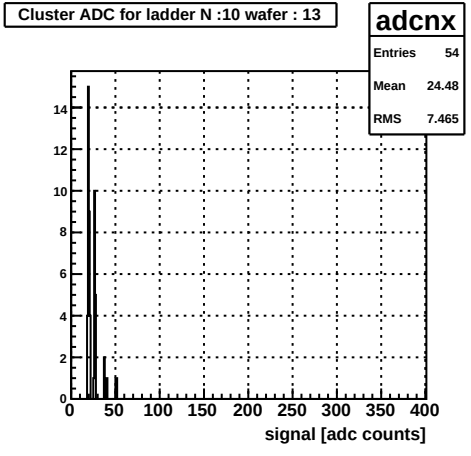

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 21
Mean 25.21
RMS 14.62
signal [adc counts]

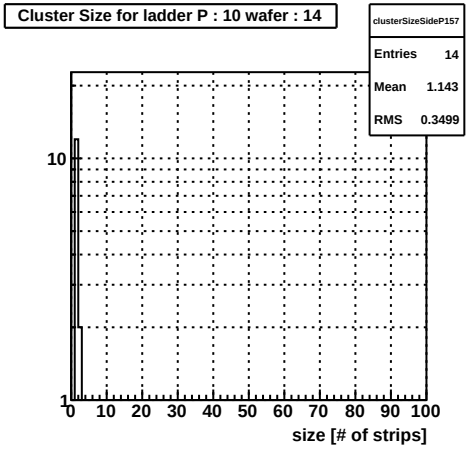

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

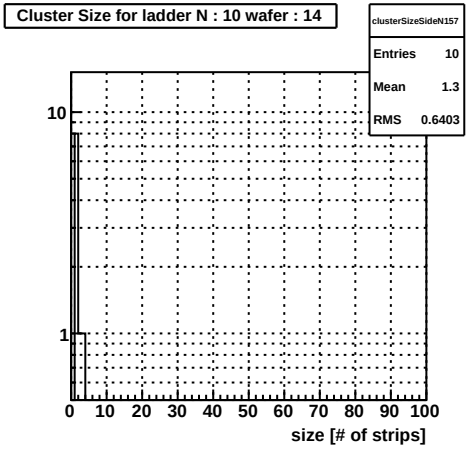

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 54
Mean 1.111
RMS 0.3143
size [# of strips]

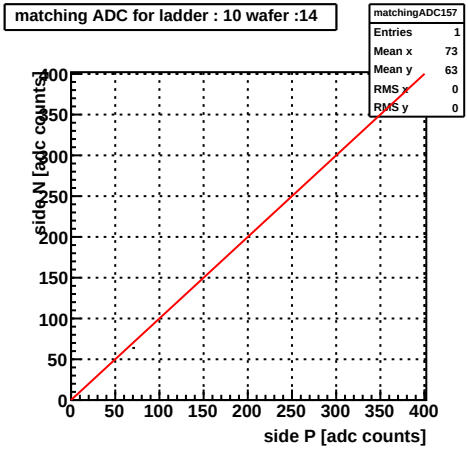

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

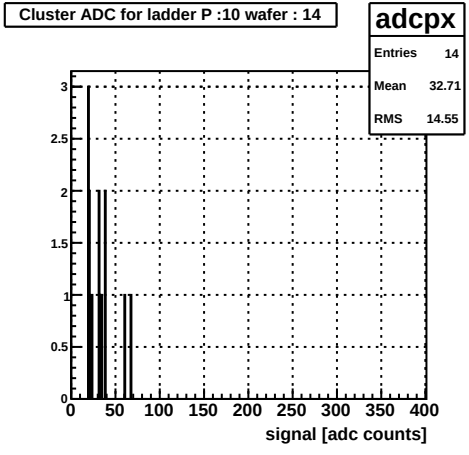

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

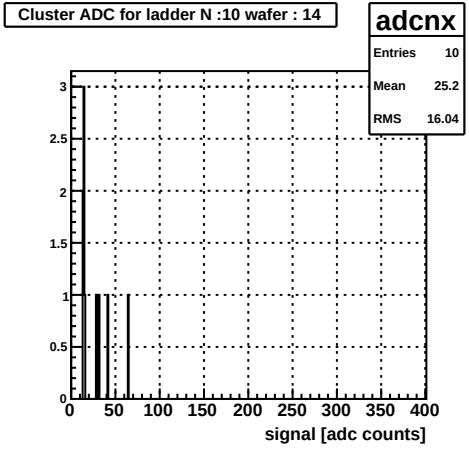

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 54
Mean 24.48
RMS 7.465
signal [adc counts]

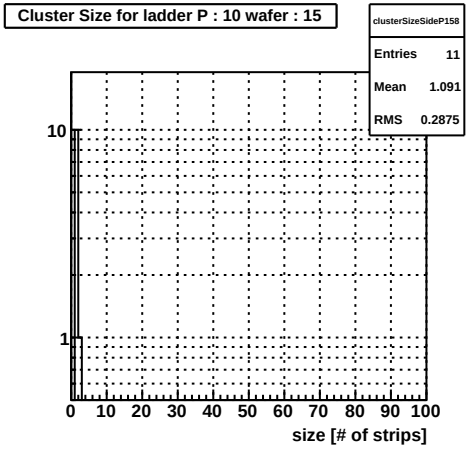

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 14
Mean 1.143
RMS 0.3499
size [# of strips]

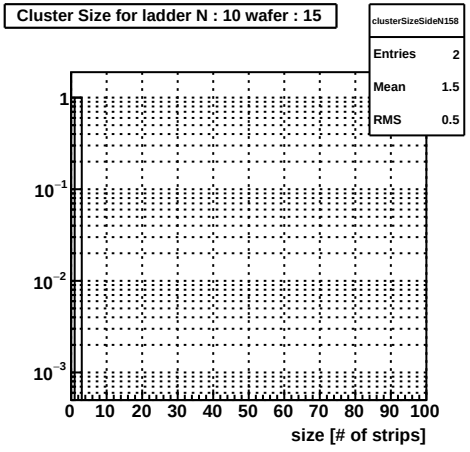

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 10
Mean 1.3
RMS 0.6403
size [# of strips]

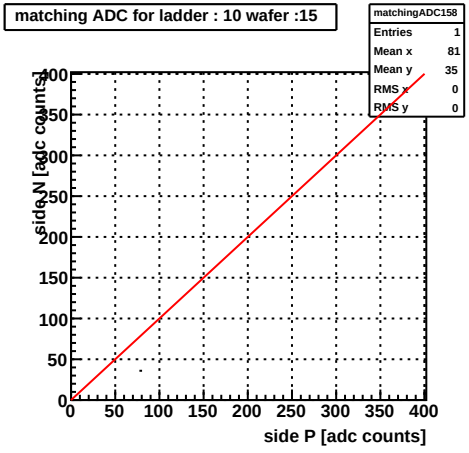

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 1
Mean x 73
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

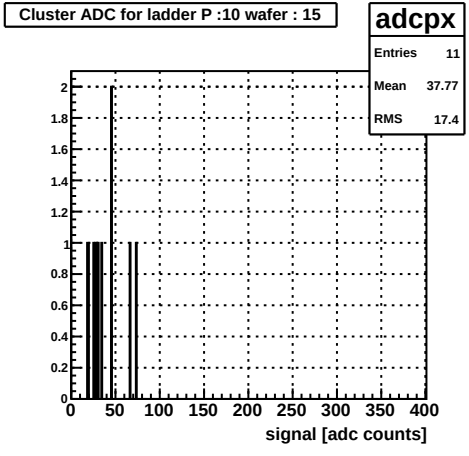

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 14
Mean 32.71
RMS 14.55
signal [adc counts]

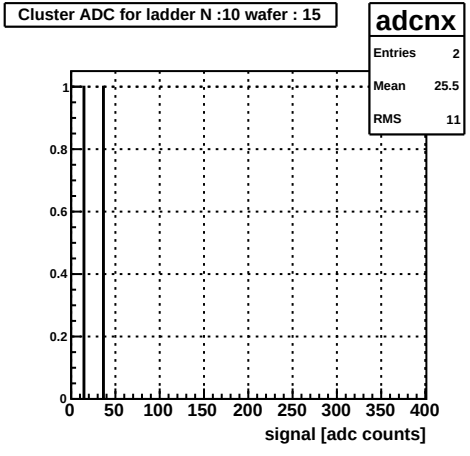

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 10
Mean 25.2
RMS 16.04
signal [adc counts]

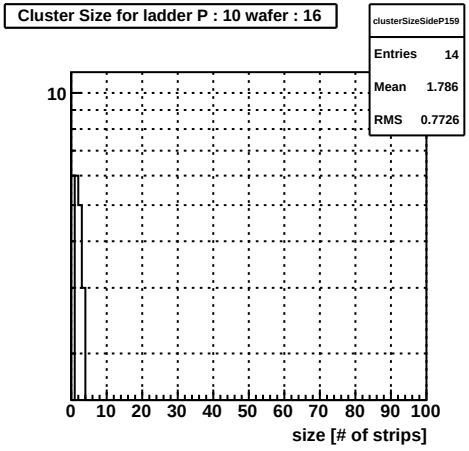

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 11
Mean 1.091
RMS 0.2875
size [# of strips]

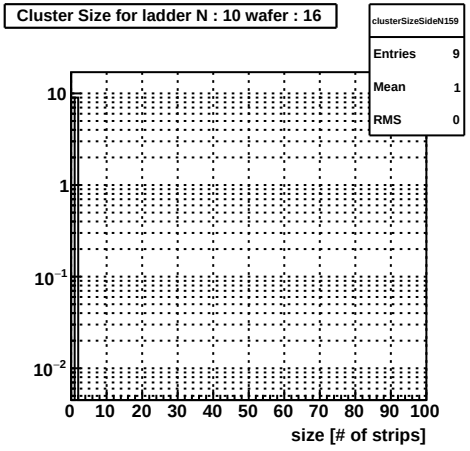

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

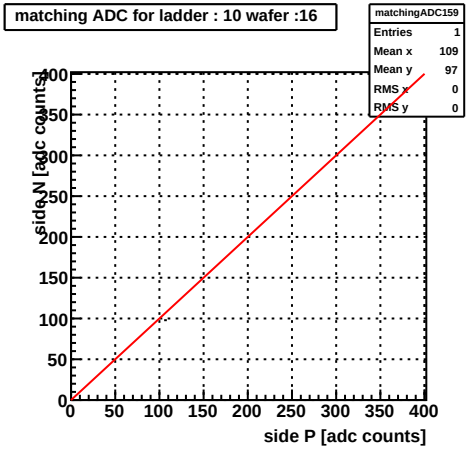

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1
Mean x 81
Mean y 35
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

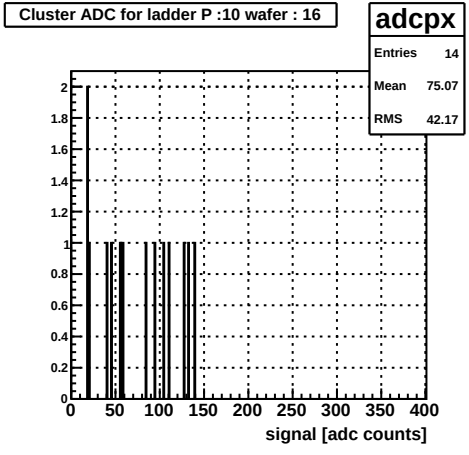

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 11
Mean 37.77
RMS 17.4
signal [adc counts]

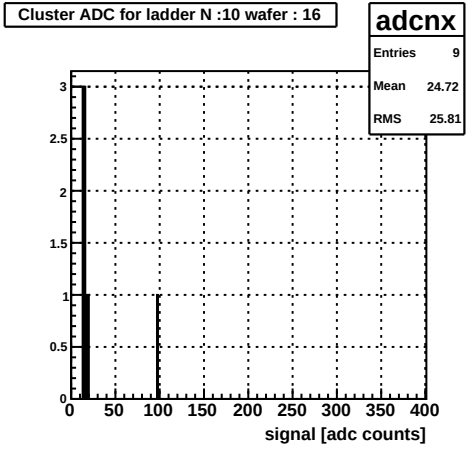

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 2
Mean 25.5
RMS 11
signal [adc counts]

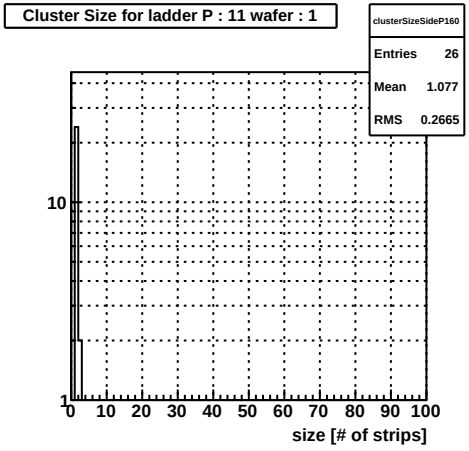

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 14
Mean 1.786
RMS 0.7726
size [# of strips]

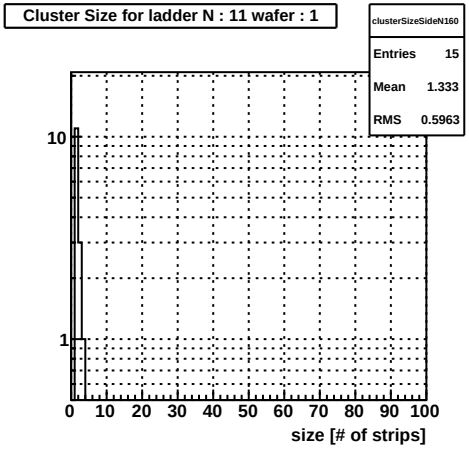

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 9
Mean 1
RMS 0
size [# of strips]

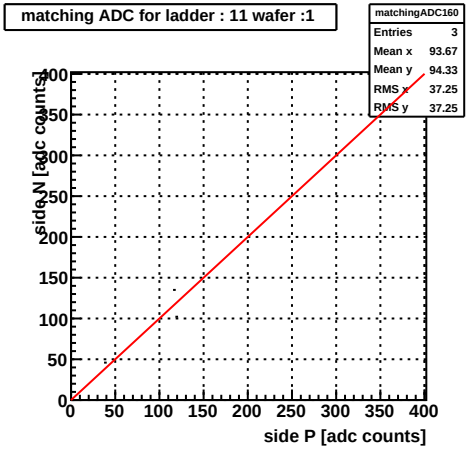

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1
Mean x 109
Mean y 97
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

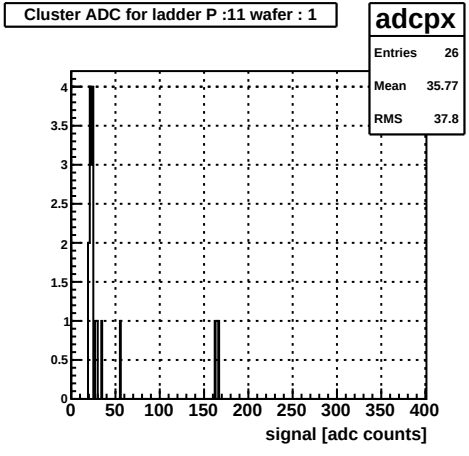

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 14
Mean 75.07
RMS 42.17
signal [adc counts]

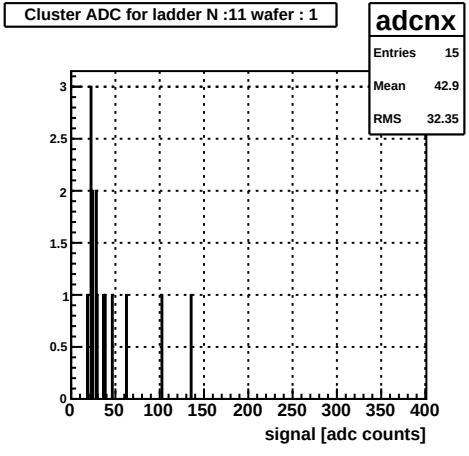

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 9
Mean 24.72
RMS 25.81
signal [adc counts]

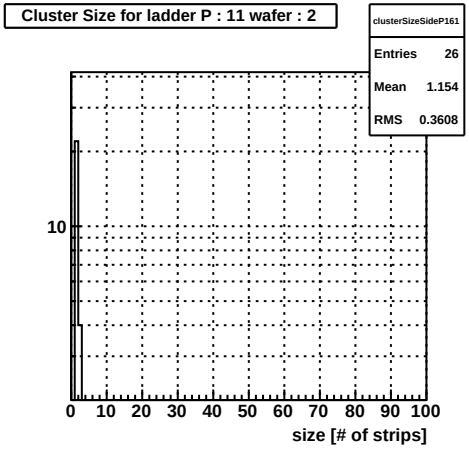

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 26
Mean 1.077
RMS 0.2665
size [# of strips]

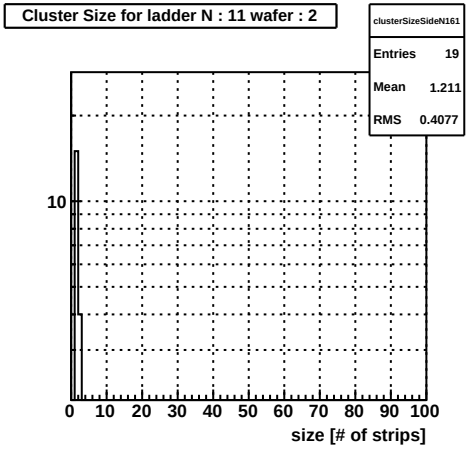

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 15
Mean 1.333
RMS 0.5963
size [# of strips]

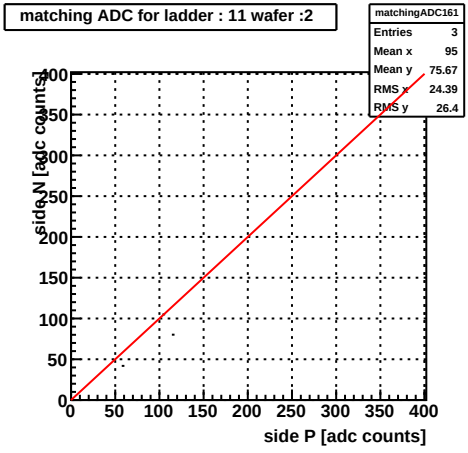

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 3
Mean x 93.67
Mean y 94.33
RMS x 37.25
RMS y 37.25
side N [adc counts]
side P [adc counts]

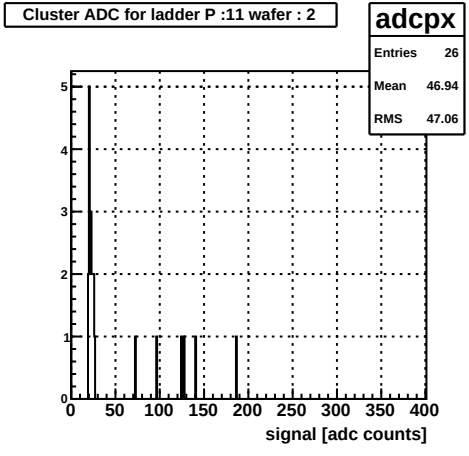

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 26
Mean 35.77
RMS 37.8
signal [adc counts]

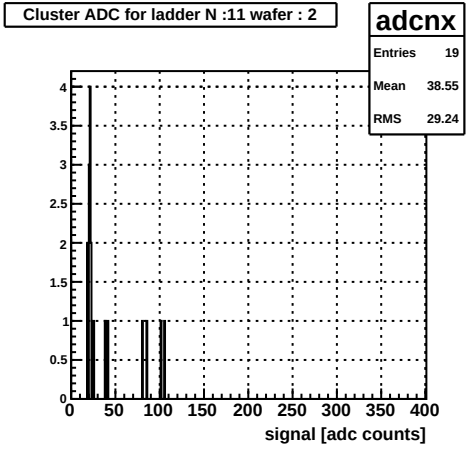

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 15
Mean 42.9
RMS 32.35
signal [adc counts]

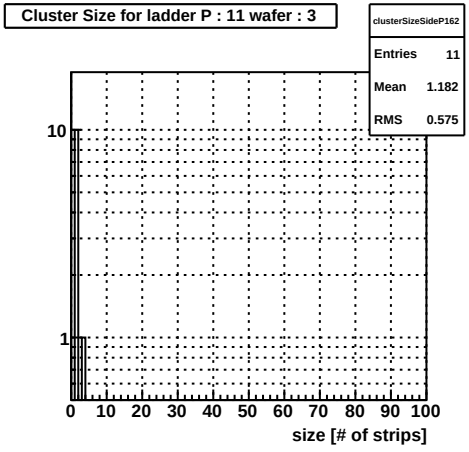

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 26
Mean 1.154
RMS 0.3608
size [# of strips]

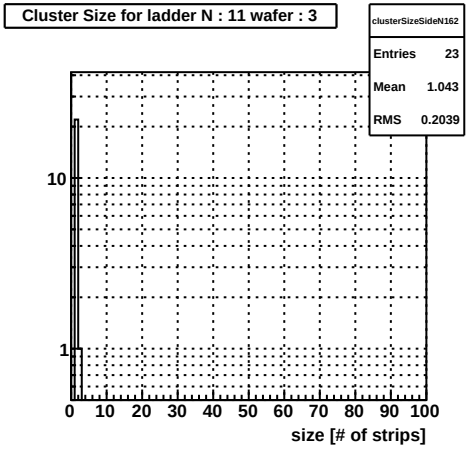

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 19
Mean 1.211
RMS 0.4077
size [# of strips]

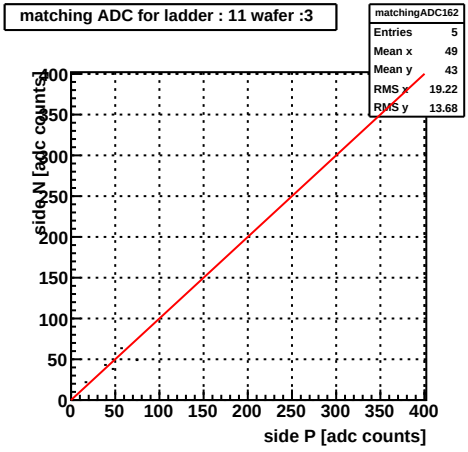

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 3
Mean x 95
Mean y 75.67
RMS x 24.39
RMS y 26.4
side N [adc counts]
side P [adc counts]

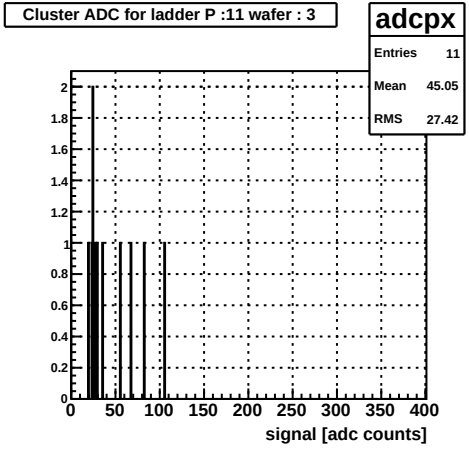

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 26
Mean 46.94
RMS 47.06
signal [adc counts]

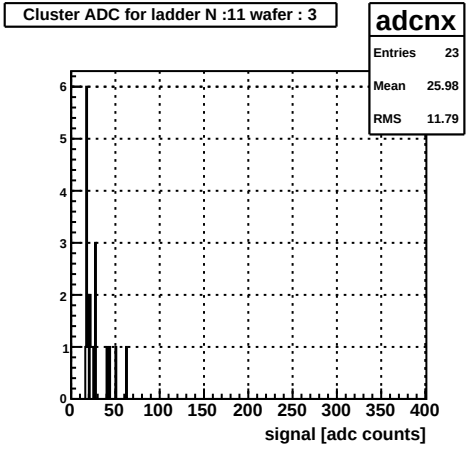

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 19
Mean 38.55
RMS 29.24
signal [adc counts]

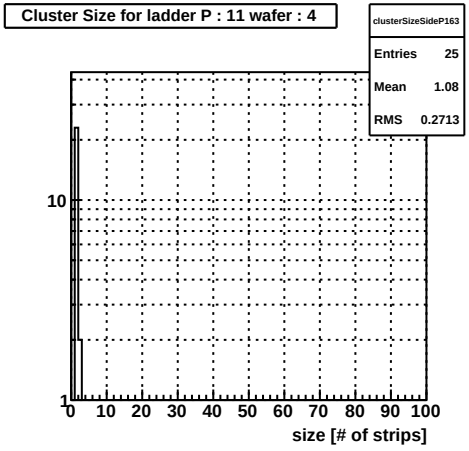

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 11
Mean 1.182
RMS 0.575
size [# of strips]

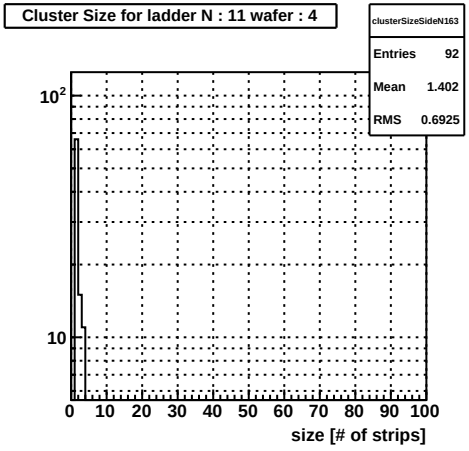

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 23
Mean 1.043
RMS 0.2039
size [# of strips]

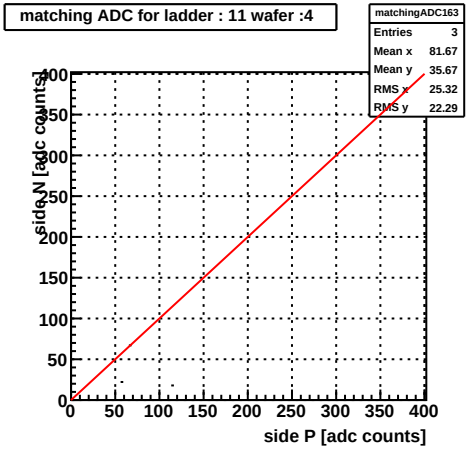

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 5
Mean x 49
Mean y 43
RMS x 19.22
RMS y 13.68
side N [adc counts]
side P [adc counts]

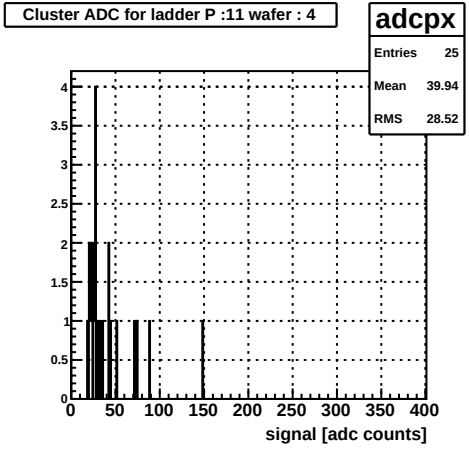

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 11
Mean 45.05
RMS 27.42
signal [adc counts]

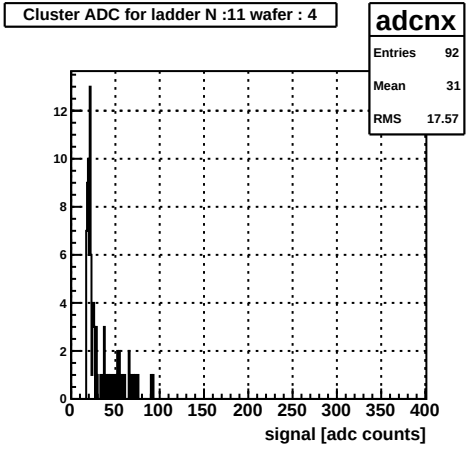

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 23
Mean 25.98
RMS 11.79
signal [adc counts]

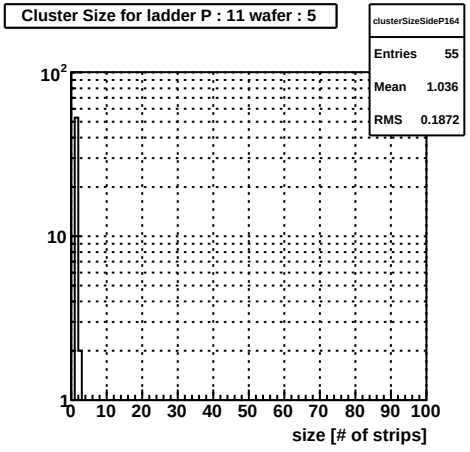

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 25
Mean 1.08
RMS 0.2713
size [# of strips]

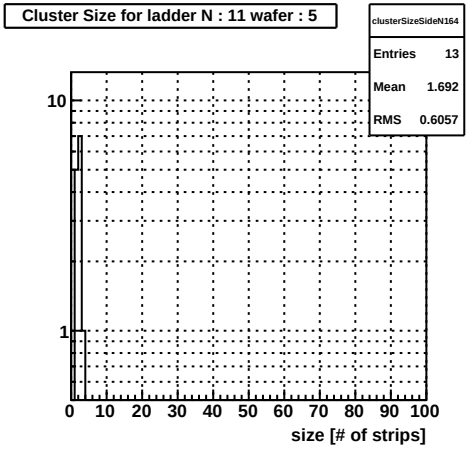

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 92
Mean 1.402
RMS 0.6925
size [# of strips]

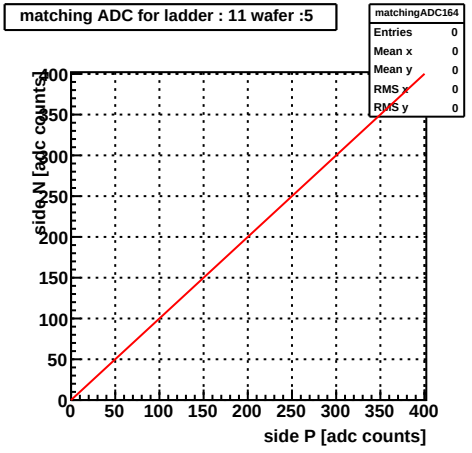

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 3
Mean x 81.67
Mean y 35.67
RMS x 25.32
RMS y 22.29
side N [adc counts]
side P [adc counts]

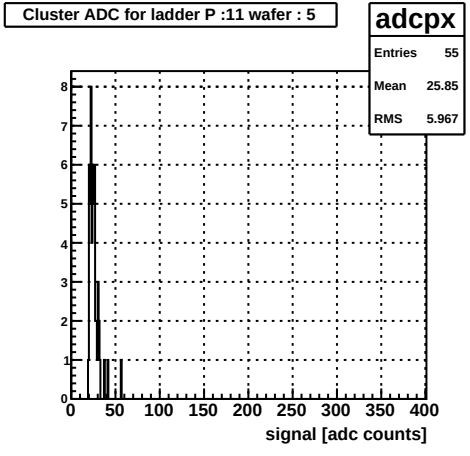

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 25
Mean 39.94
RMS 28.52
signal [adc counts]

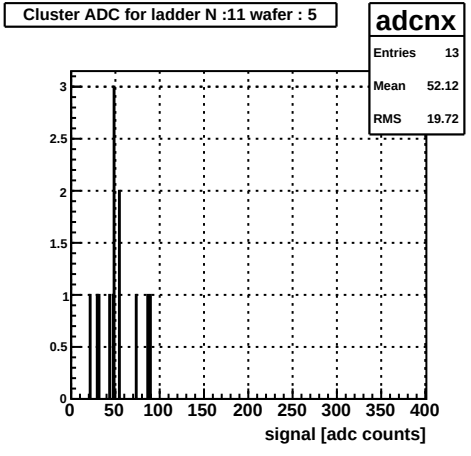

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 92
Mean 31
RMS 17.57
signal [adc counts]

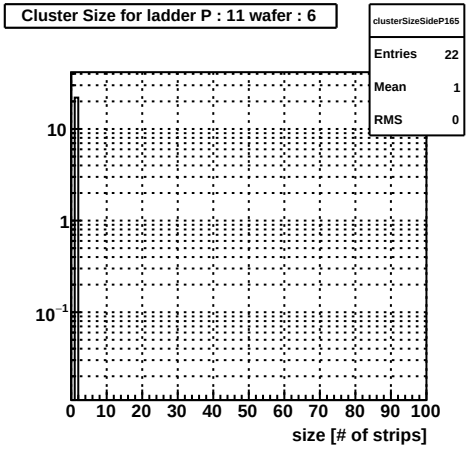

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 55
Mean 1.036
RMS 0.1872
size [# of strips]

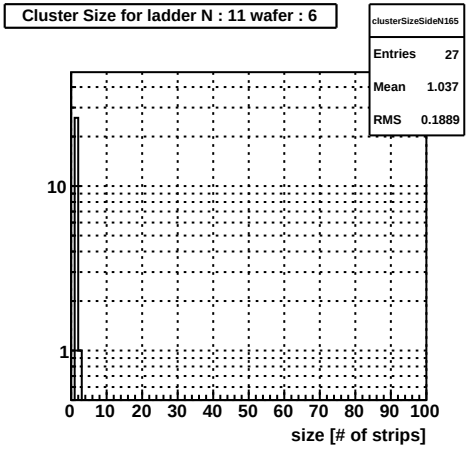

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 13
Mean 1.692
RMS 0.6057
size [# of strips]

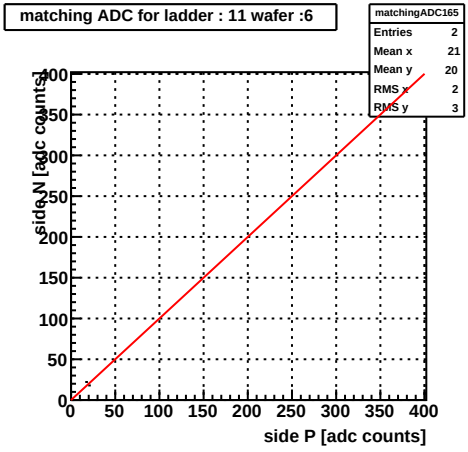

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

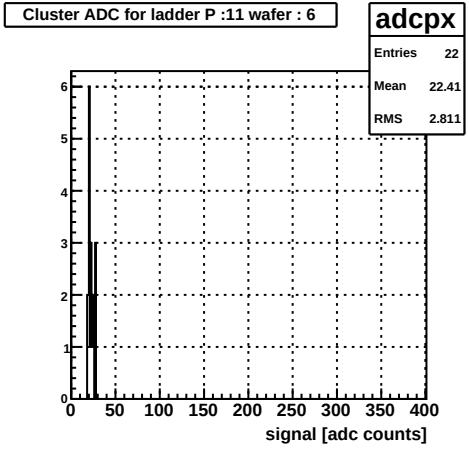

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 55
Mean 25.85
RMS 5.967
signal [adc counts]

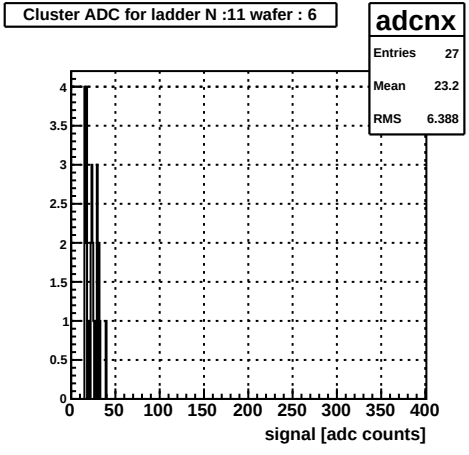

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 13
Mean 52.12
RMS 19.72
signal [adc counts]

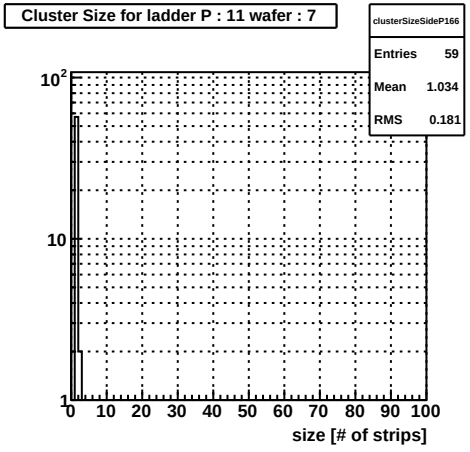

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 22
Mean 1
RMS 0
size [# of strips]

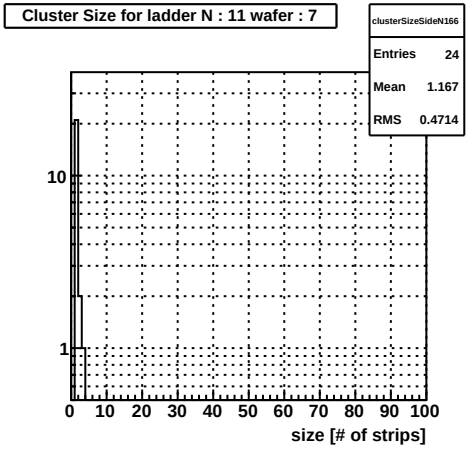

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 27
Mean 1.037
RMS 0.1889
size [# of strips]

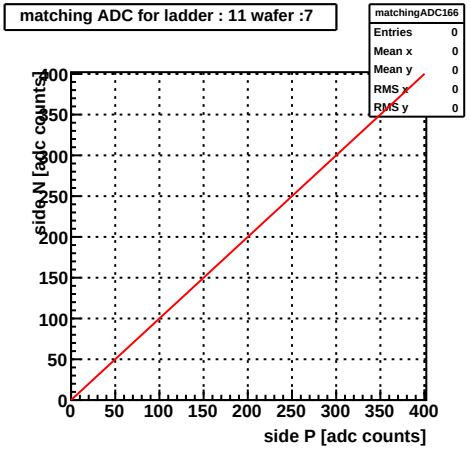

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 2
Mean x 21
Mean y 20
RMS x 2
RMS y 3
side N [adc counts]
side P [adc counts]

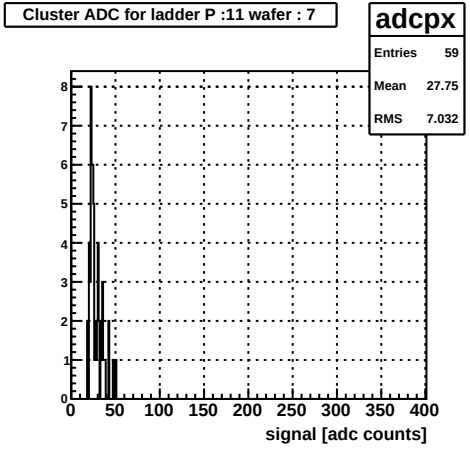

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 22
Mean 22.41
RMS 2.811
signal [adc counts]

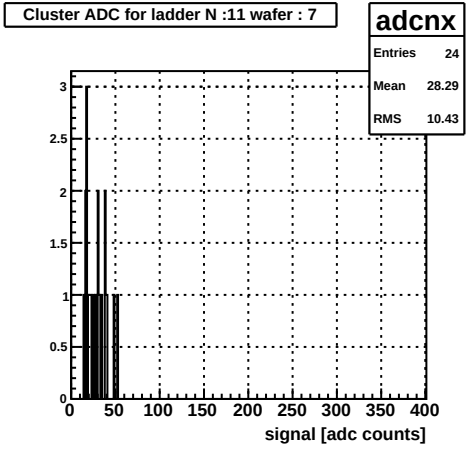

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 27
Mean 23.2
RMS 6.388
signal [adc counts]

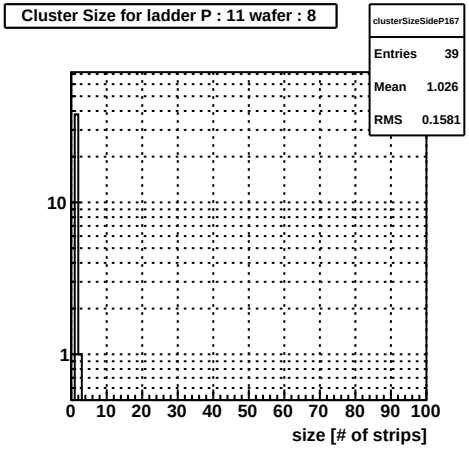

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 59
Mean 1.034
RMS 0.181
size [# of strips]

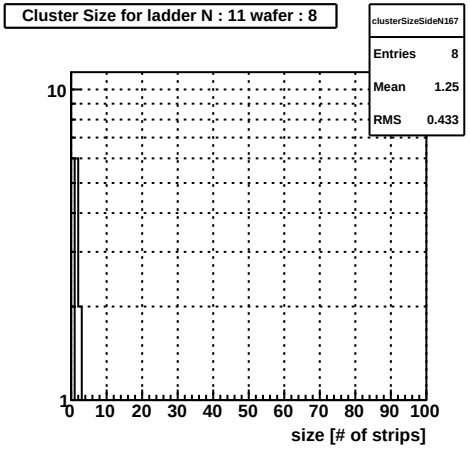

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 24
Mean 1.167
RMS 0.4714
size [# of strips]

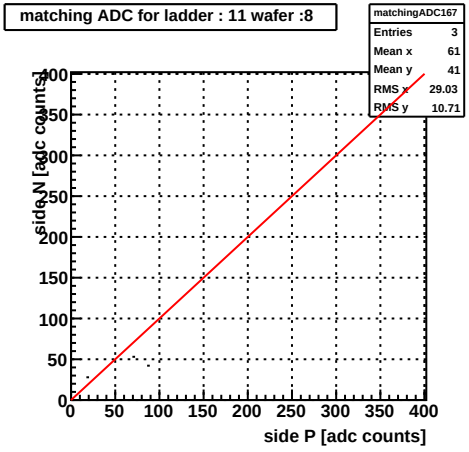

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

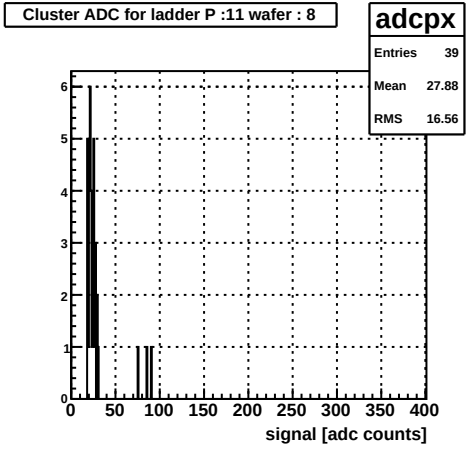

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 59
Mean 27.75
RMS 7.032
signal [adc counts]

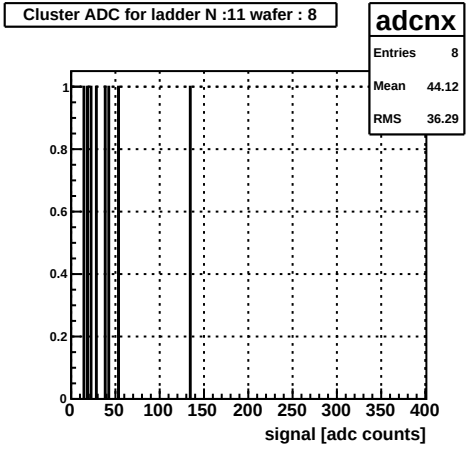

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 24
Mean 28.29
RMS 10.43
signal [adc counts]

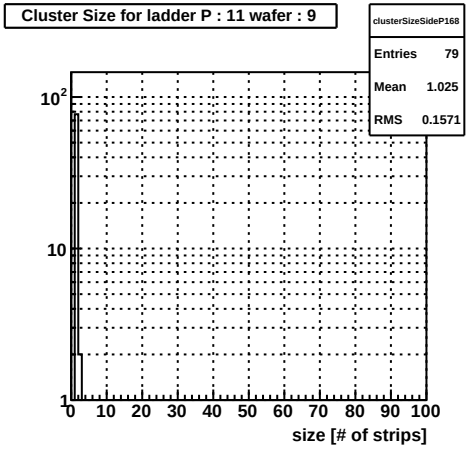

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 39
Mean 1.026
RMS 0.1581
size [# of strips]

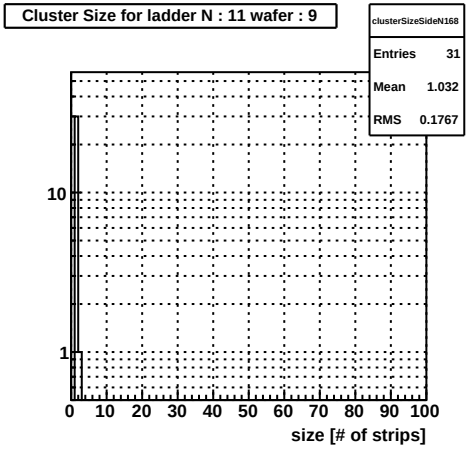

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 8
Mean 1.25
RMS 0.433
size [# of strips]

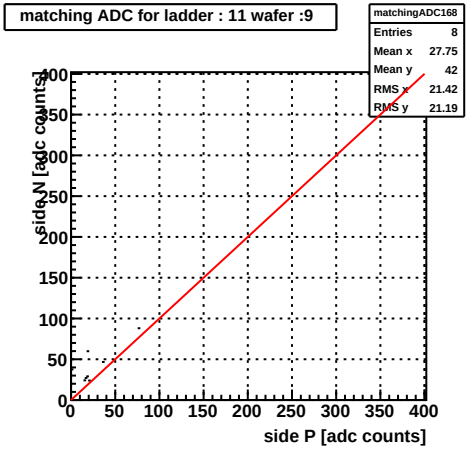

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 3
Mean x 61
Mean y 41
RMS x 29.03
RMS y 10.71
side N [adc counts]
side P [adc counts]

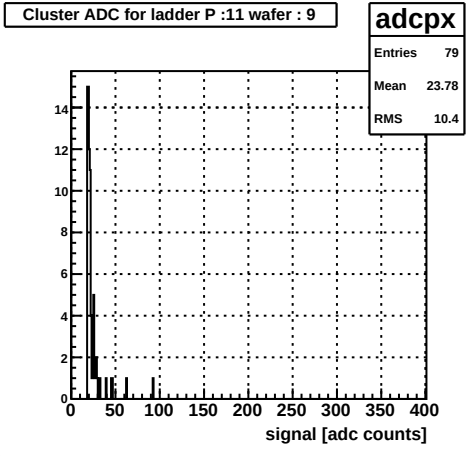

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 39
Mean 27.88
RMS 16.56
signal [adc counts]

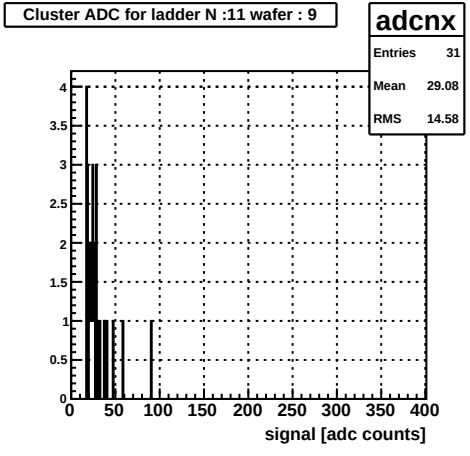

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 8
Mean 44.12
RMS 36.29
signal [adc counts]

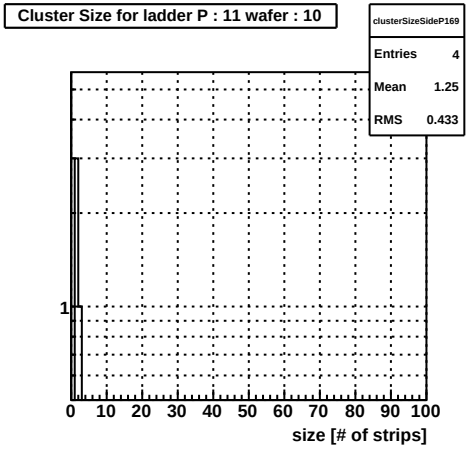

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 79
Mean 1.025
RMS 0.1571
size [# of strips]

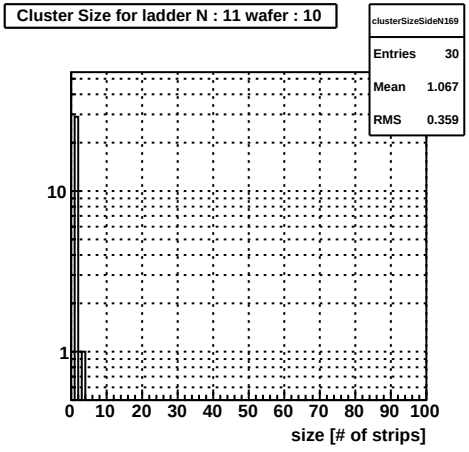

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 31
Mean 1.032
RMS 0.1767
size [# of strips]

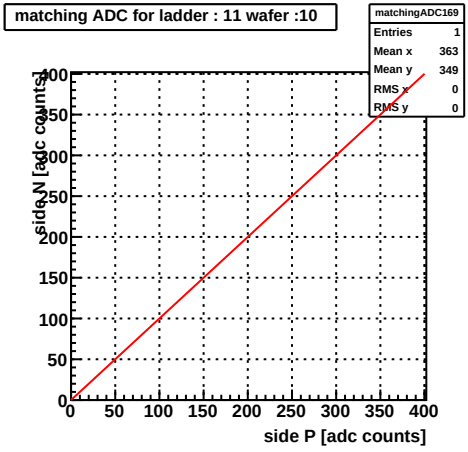

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 8
Mean x 27.75
Mean y 42
RMS x 21.42
RMS y 21.19
side N [adc counts]
side P [adc counts]

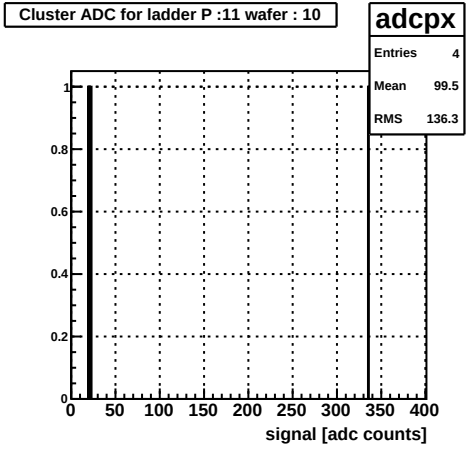

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 79
Mean 23.78
RMS 10.4
signal [adc counts]

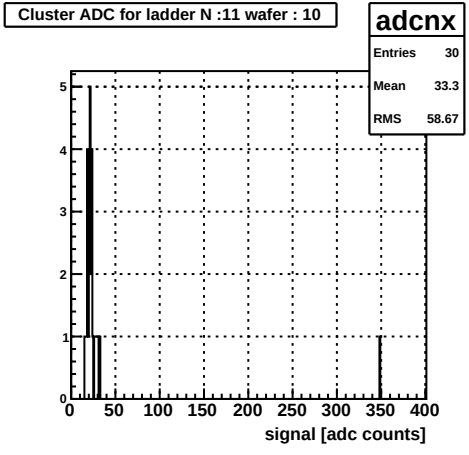

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 31
Mean 29.08
RMS 14.58
signal [adc counts]

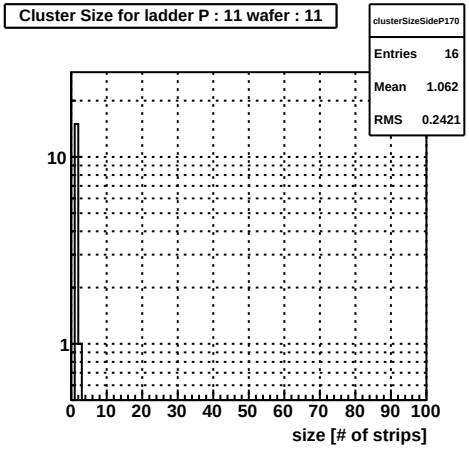

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

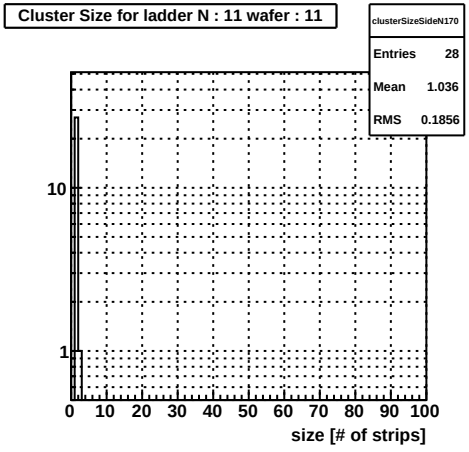

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 30
Mean 1.067
RMS 0.359
size [# of strips]

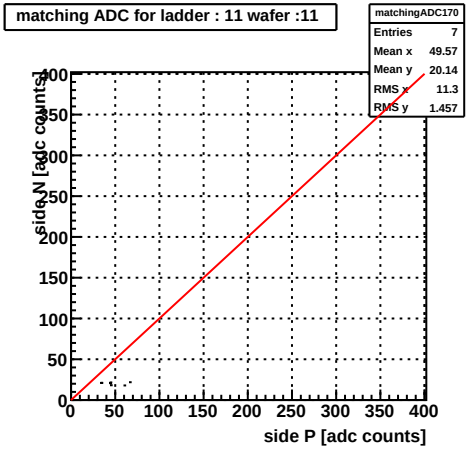

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1
Mean x 363
Mean y 349
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

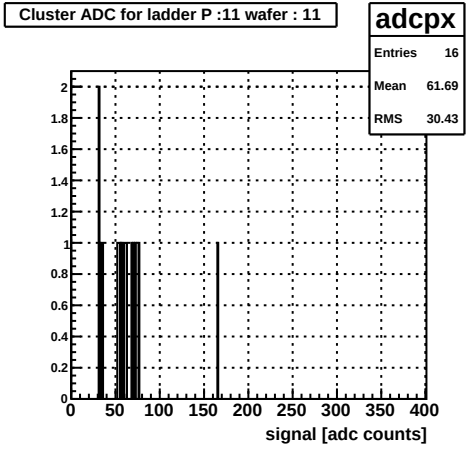

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 4
Mean 99.5
RMS 136.3
signal [adc counts]

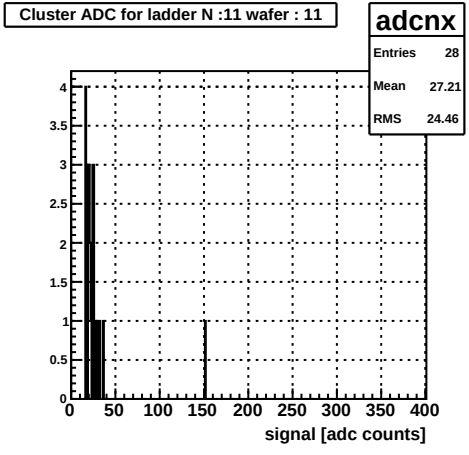

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 30
Mean 33.3
RMS 58.67
signal [adc counts]

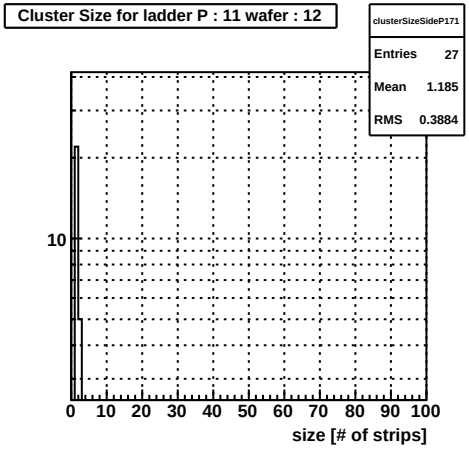

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

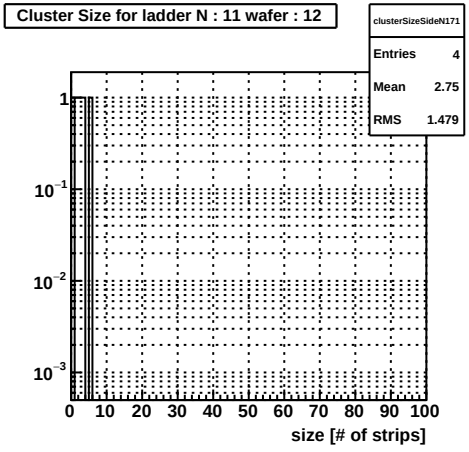

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

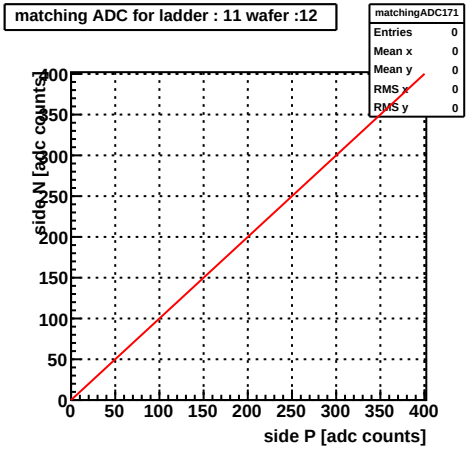

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 7
Mean x 49.57
Mean y 20.14
RMS x 11.3
RMS y 1.457
side N [adc counts]
side P [adc counts]

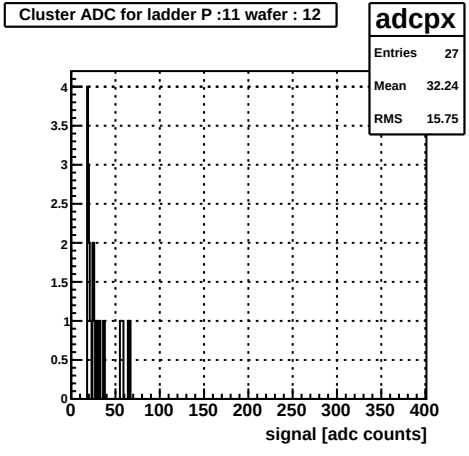

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 16
Mean 61.69
RMS 30.43
signal [adc counts]

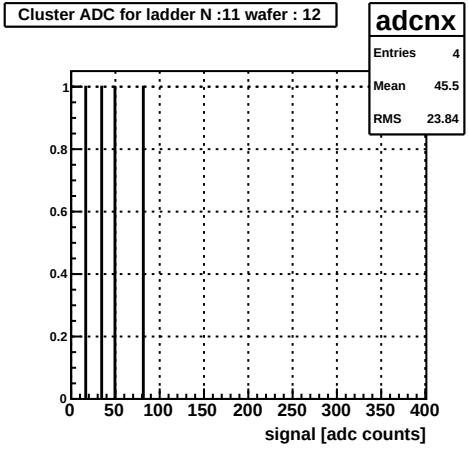

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 28
Mean 27.21
RMS 24.46
signal [adc counts]

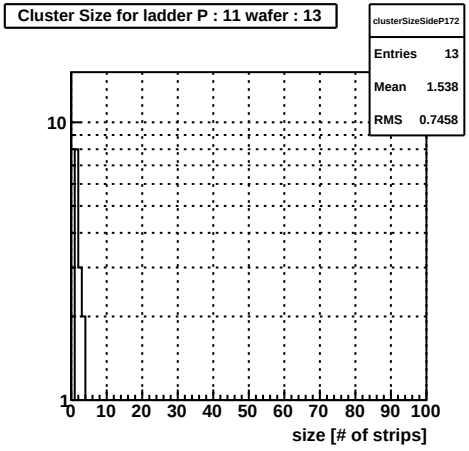

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 27
Mean 1.185
RMS 0.3884
size [# of strips]

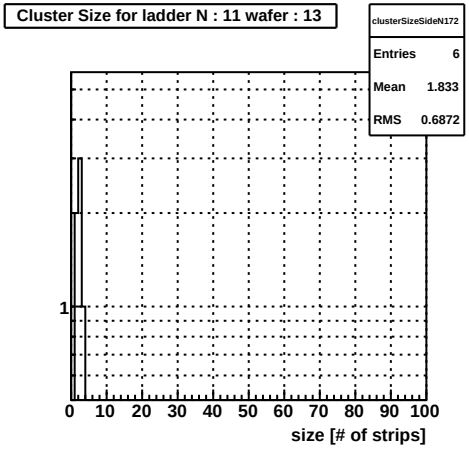

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 4
Mean 2.75
RMS 1.479
size [# of strips]

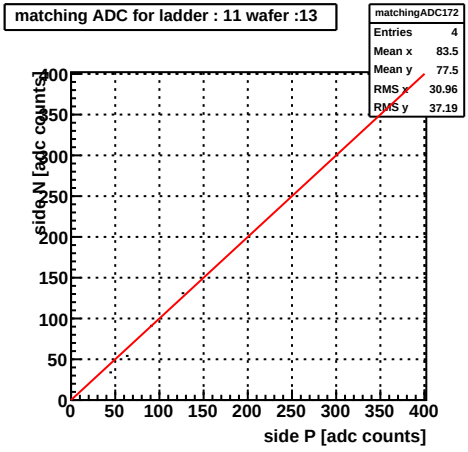

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

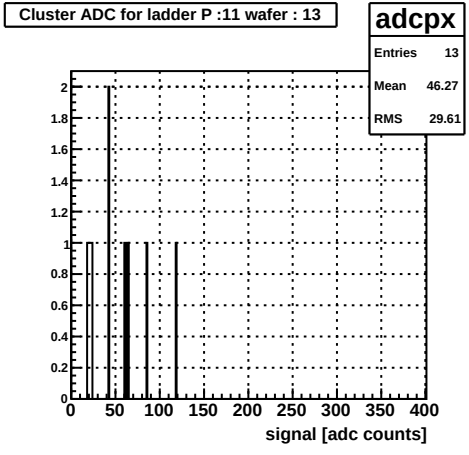

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 27
Mean 32.24
RMS 15.75
signal [adc counts]

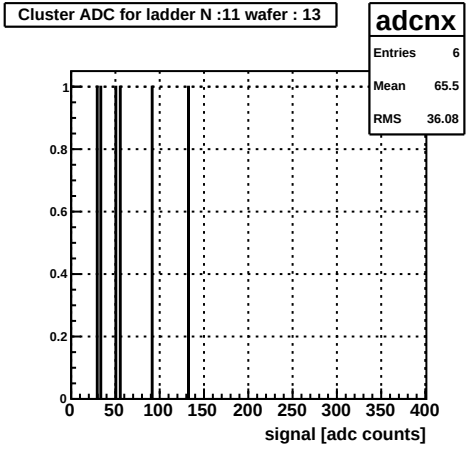

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 4
Mean 45.5
RMS 23.84
signal [adc counts]

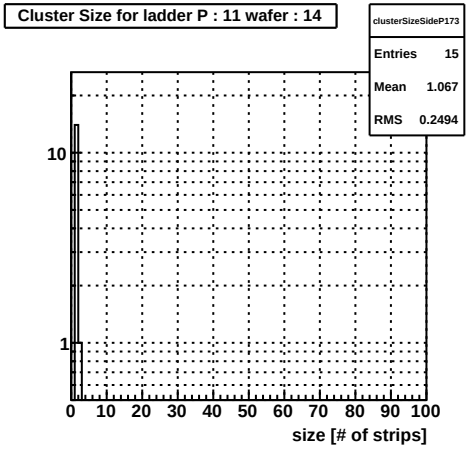

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 13
Mean 1.538
RMS 0.7458
size [# of strips]

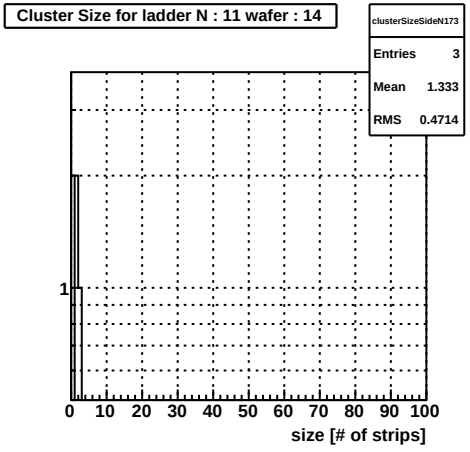

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 6
Mean 1.833
RMS 0.6872
size [# of strips]

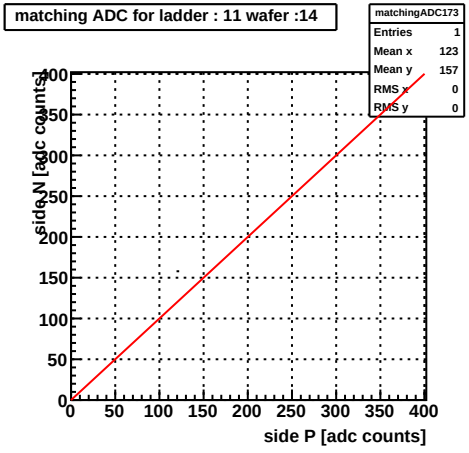

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 4
Mean x 83.5
Mean y 77.5
RMS x 30.96
RMS y 37.19
side N [adc counts]
side P [adc counts]

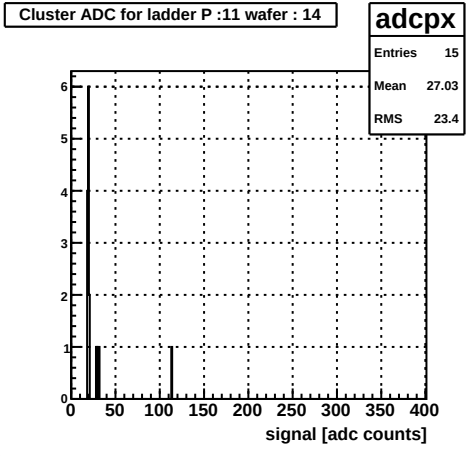

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 13
Mean 46.27
RMS 29.61
signal [adc counts]

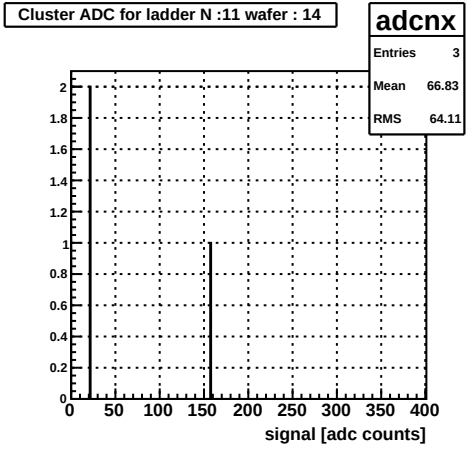

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 6
Mean 65.5
RMS 36.08
signal [adc counts]

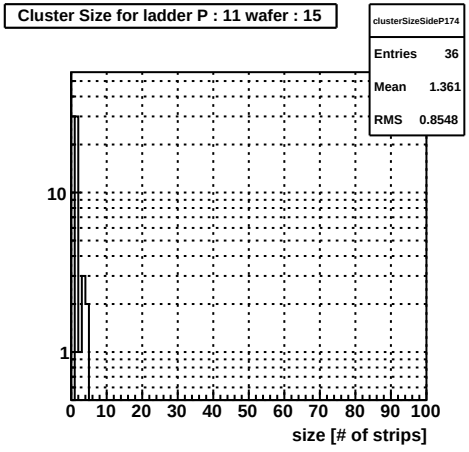

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

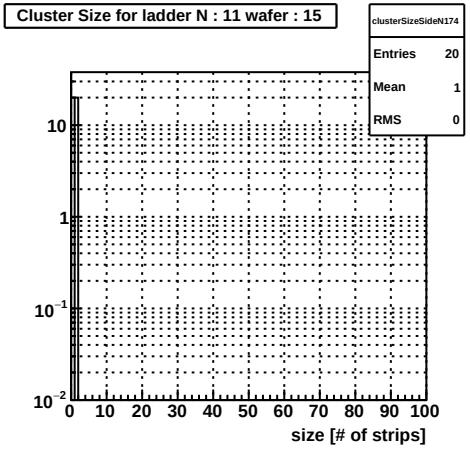

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

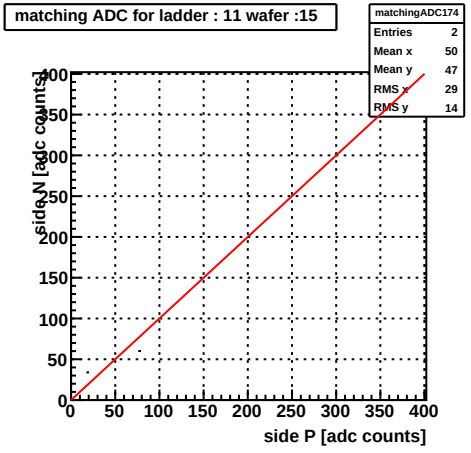

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1
Mean x 123
Mean y 157
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

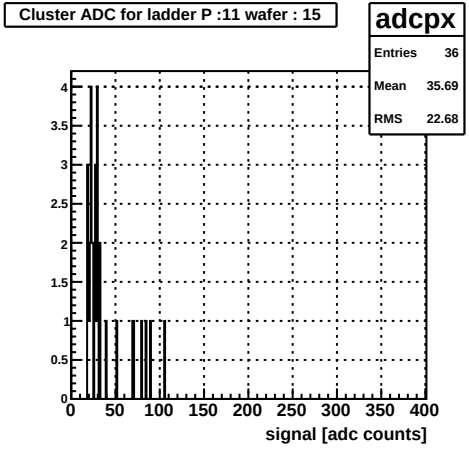

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 15
Mean 27.03
RMS 23.4
signal [adc counts]

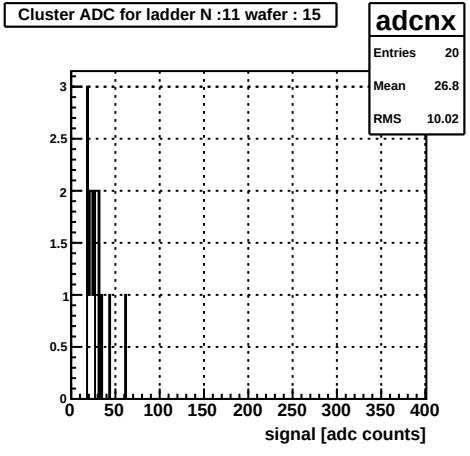

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 3
Mean 66.83
RMS 64.11
signal [adc counts]

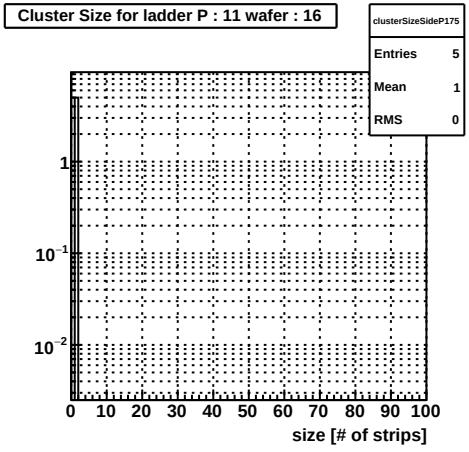

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 36
Mean 1.361
RMS 0.8548
size [# of strips]

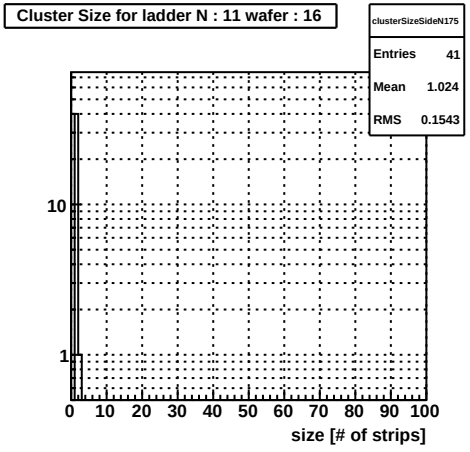

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 20
Mean 1
RMS 0
size [# of strips]

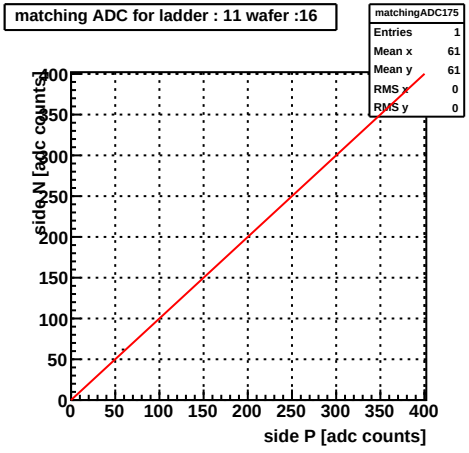

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 2
Mean x 50
Mean y 47
RMS x 29
RMS y 14
side N [adc counts]
side P [adc counts]

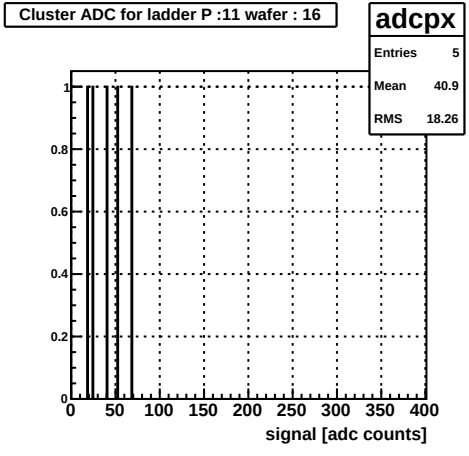

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 36
Mean 35.69
RMS 22.68
signal [adc counts]

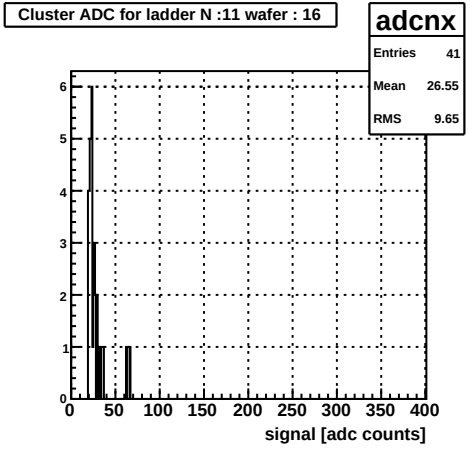

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 20
Mean 26.8
RMS 10.02
signal [adc counts]

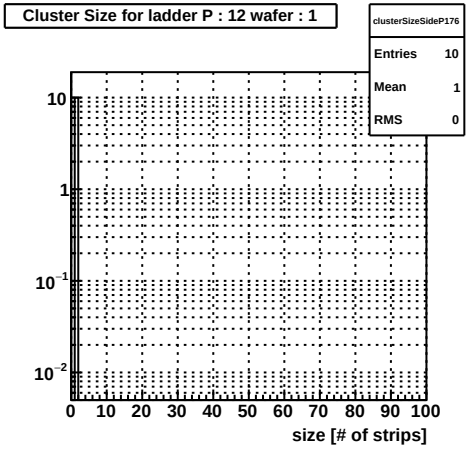

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 5
Mean 1
RMS 0
size [# of strips]

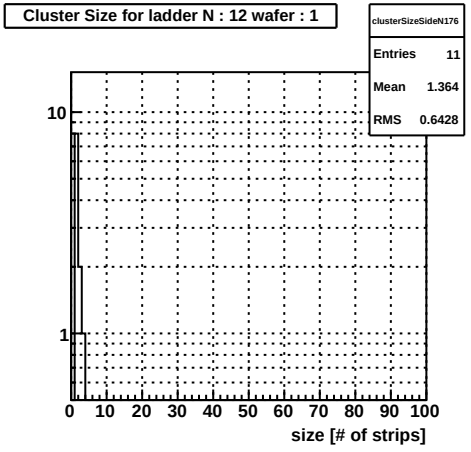

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 41
Mean 1.024
RMS 0.1543
size [# of strips]

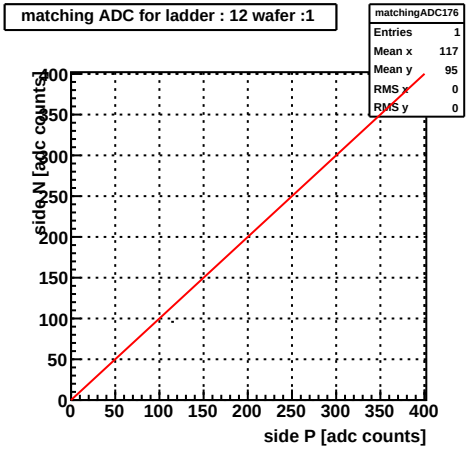

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1
Mean x 61
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

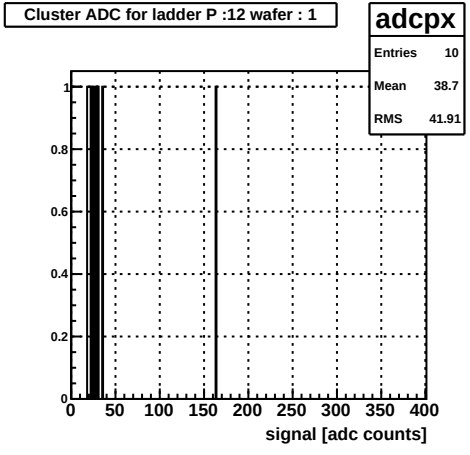

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 5
Mean 40.9
RMS 18.26
signal [adc counts]

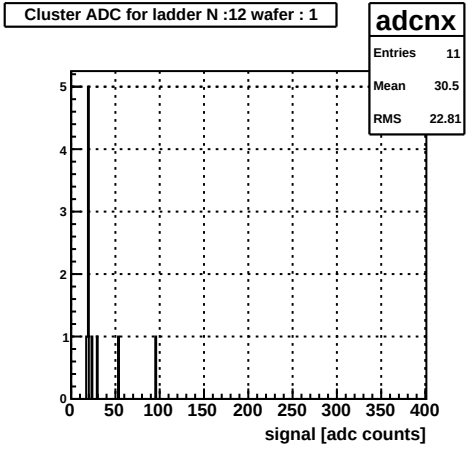

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 41
Mean 26.55
RMS 9.65
signal [adc counts]

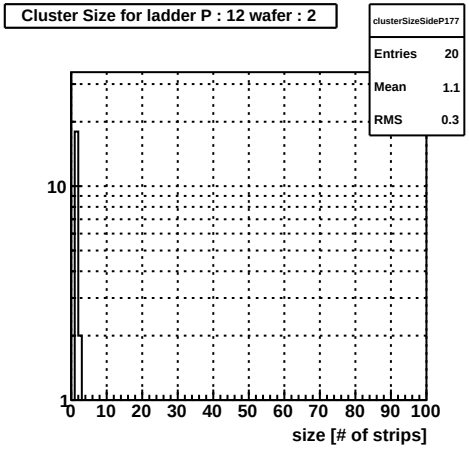

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 10
Mean 1
RMS 0
size [# of strips]

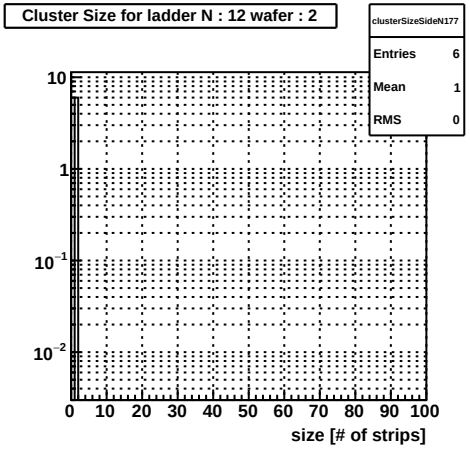

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 11
Mean 1.364
RMS 0.6428
size [# of strips]

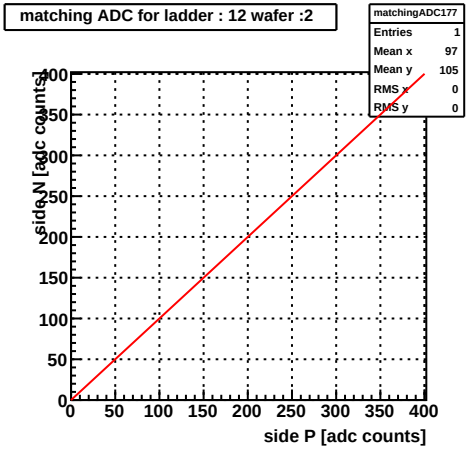

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1
Mean x 117
Mean y 95
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

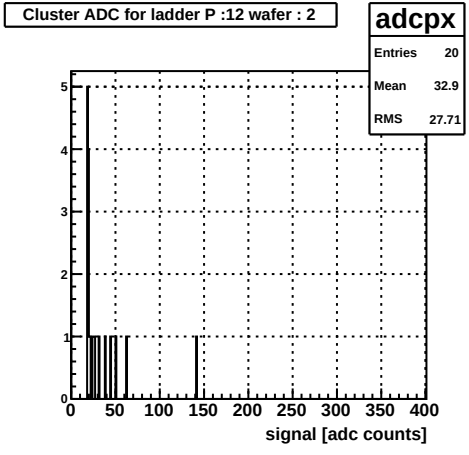

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 10
Mean 38.7
RMS 41.91
signal [adc counts]

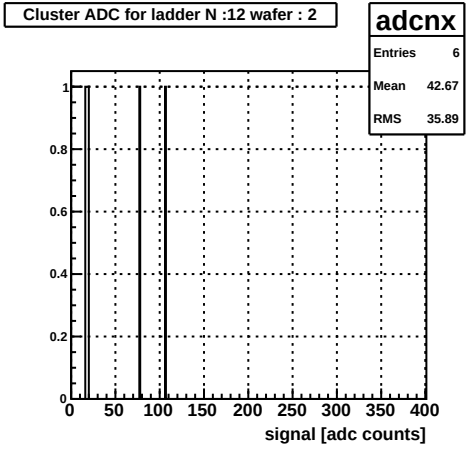

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 11
Mean 30.5
RMS 22.81
signal [adc counts]

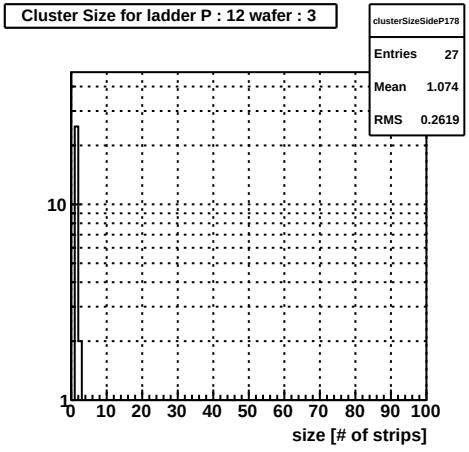

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 20
Mean 1.1
RMS 0.3
size [# of strips]

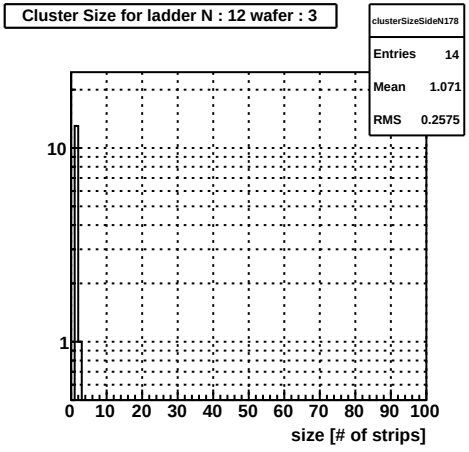

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 6
Mean 1
RMS 0
size [# of strips]

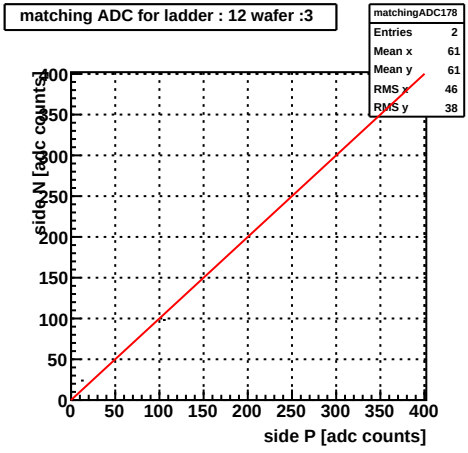

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1
Mean x 97
Mean y 105
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

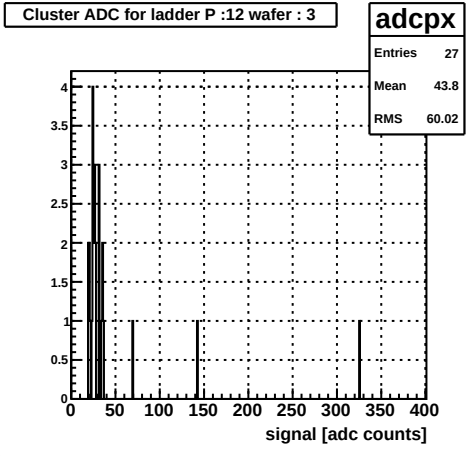

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 20
Mean 32.9
RMS 27.71
signal [adc counts]

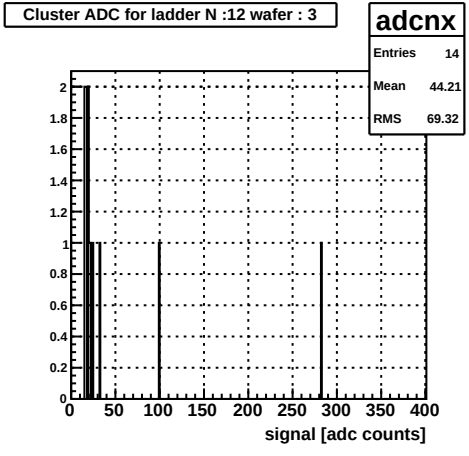

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 6
Mean 42.67
RMS 35.89
signal [adc counts]

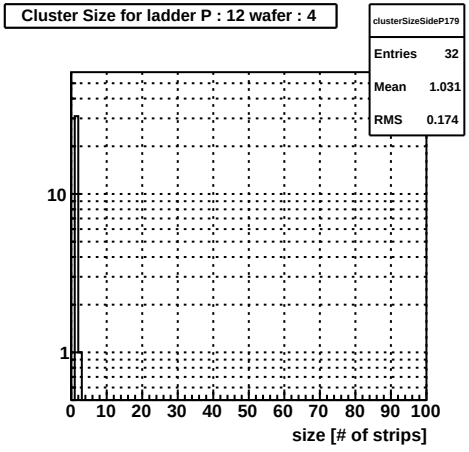

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 27
Mean 1.074
RMS 0.2619
size [# of strips]

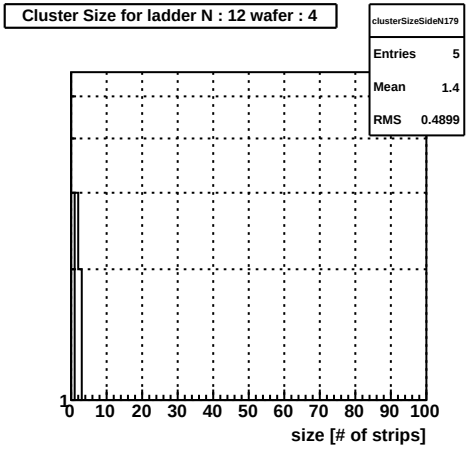

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 14
Mean 1.071
RMS 0.2575
size [# of strips]

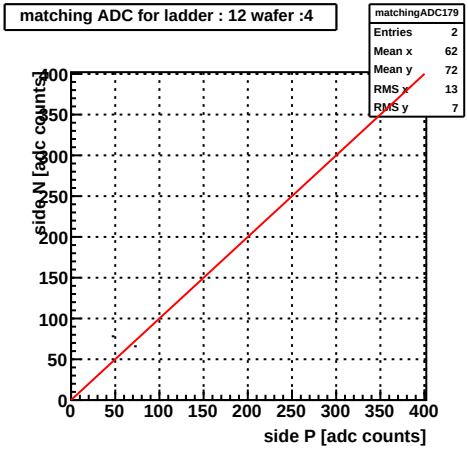

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 2
Mean x 61
Mean y 61
RMS x 46
RMS y 38
side N [adc counts]
side P [adc counts]

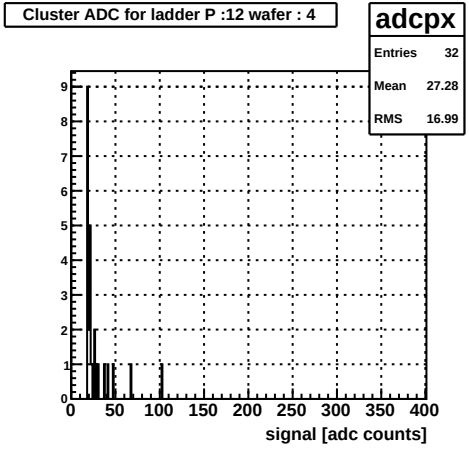

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 27
Mean 43.8
RMS 60.02
signal [adc counts]

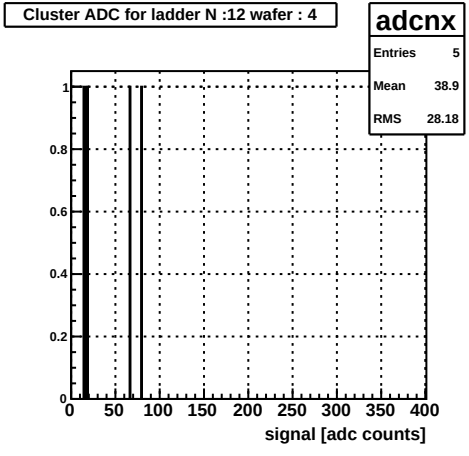

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 14
Mean 44.21
RMS 69.32
signal [adc counts]

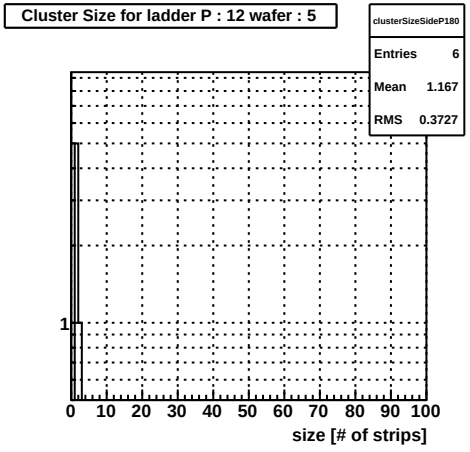

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 32
Mean 1.031
RMS 0.174
size [# of strips]

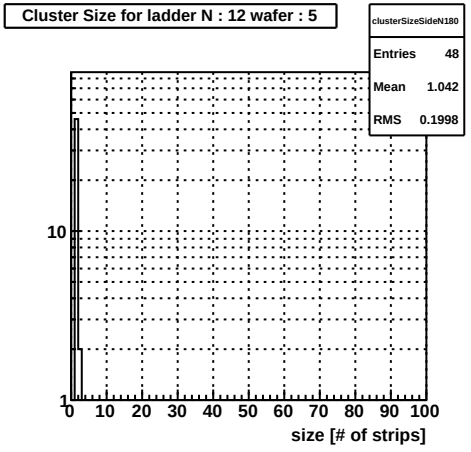

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5
Mean 1.4
RMS 0.4899
size [# of strips]

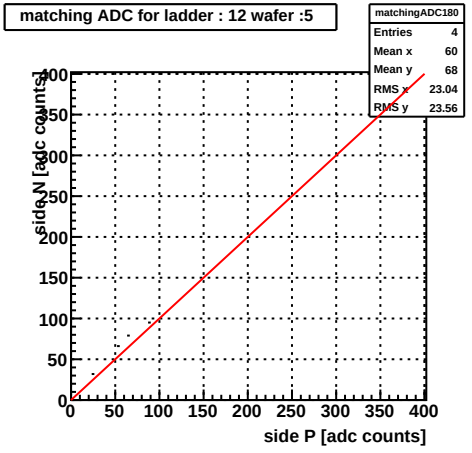

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2
Mean x 62
Mean y 72
RMS x 13
RMS y 7
side N [adc counts]
side P [adc counts]

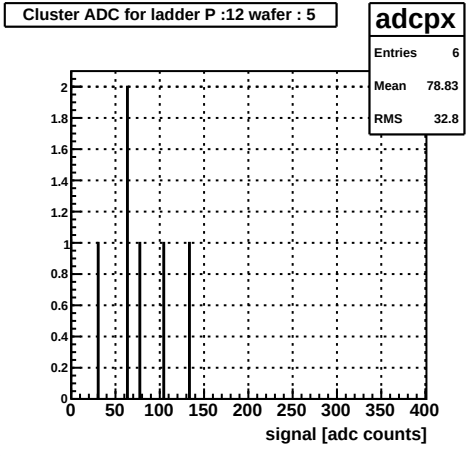

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 32
Mean 27.28
RMS 16.99
signal [adc counts]

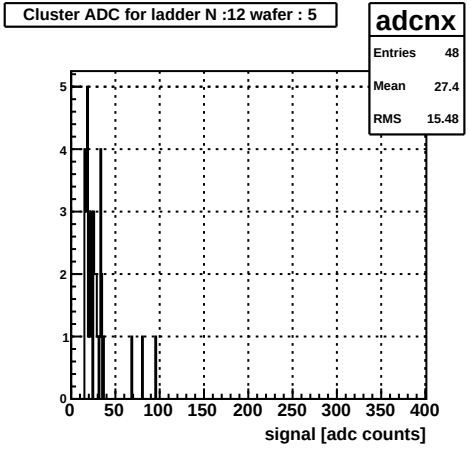

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5
Mean 38.9
RMS 28.18
signal [adc counts]

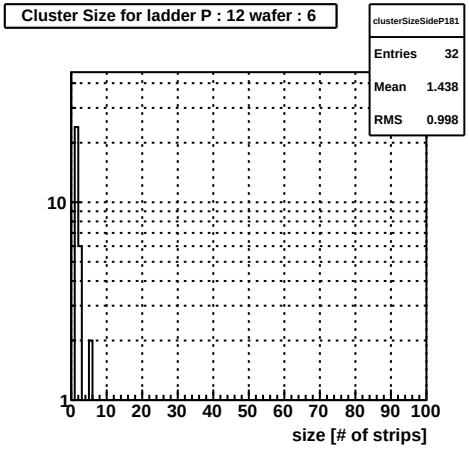

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

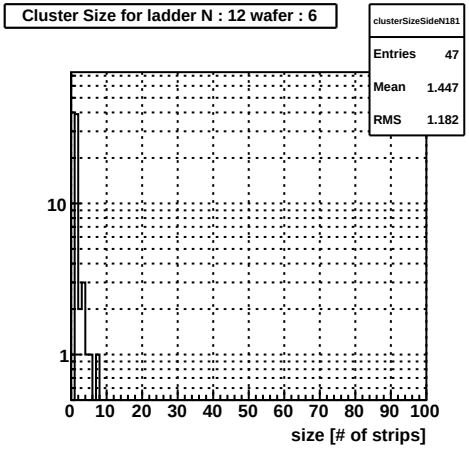

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 48
Mean 1.042
RMS 0.1998
size [# of strips]

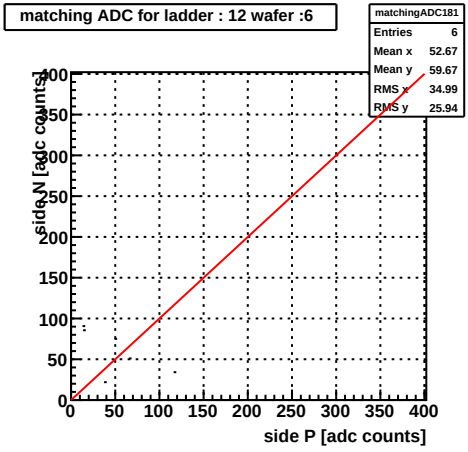

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 4
Mean x 60
Mean y 68
RMS x 23.04
RMS y 23.56
side N [adc counts]
side P [adc counts]

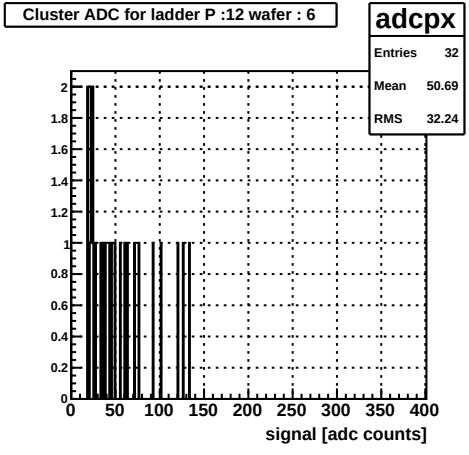

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 6
Mean 78.83
RMS 32.8
signal [adc counts]

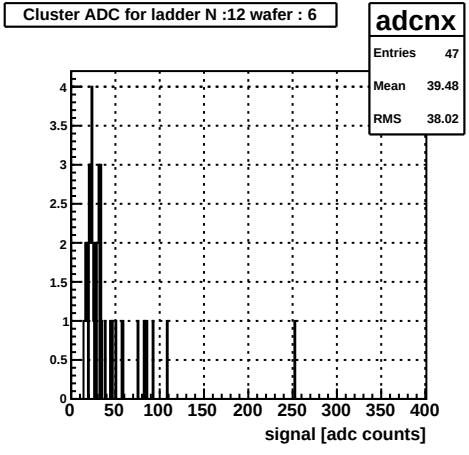

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 48
Mean 27.4
RMS 15.48
signal [adc counts]

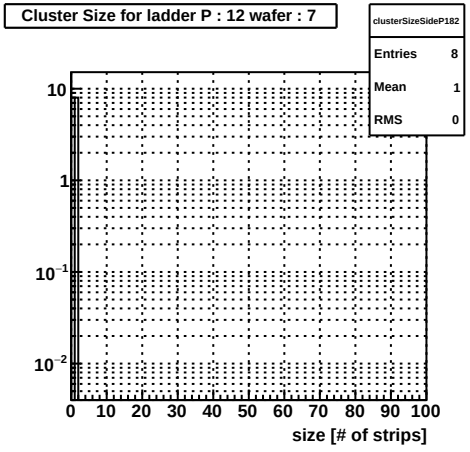

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 32
Mean 1.438
RMS 0.998
size [# of strips]

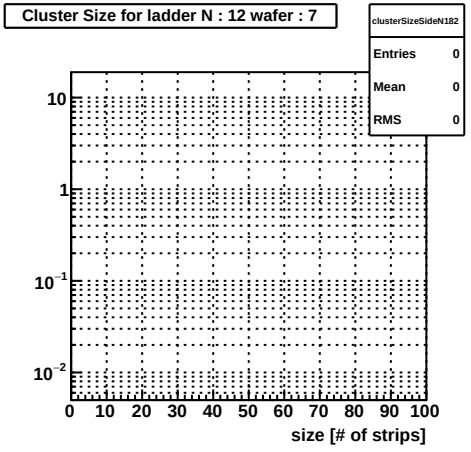

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 47
Mean 1.447
RMS 1.182
size [# of strips]

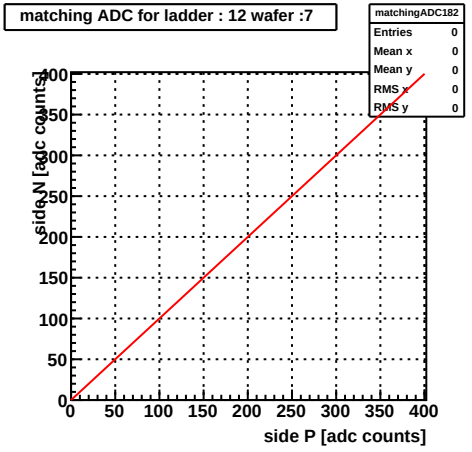

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 6
Mean x 52.67
Mean y 59.67
RMS x 34.99
RMS y 25.94
side N [adc counts]
side P [adc counts]

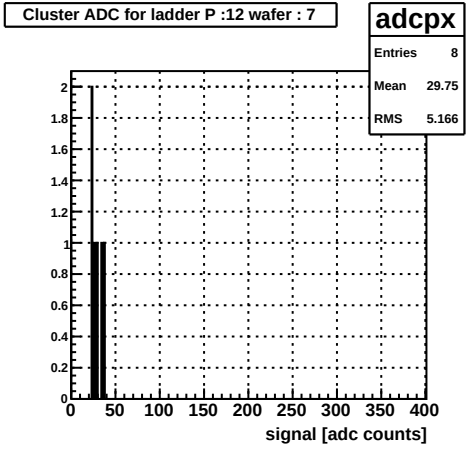

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 32
Mean 50.69
RMS 32.24
signal [adc counts]

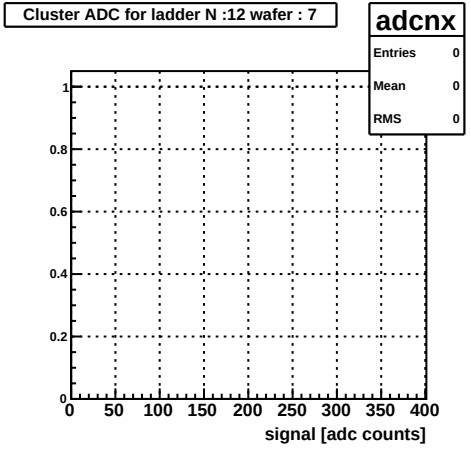

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 47
Mean 39.48
RMS 38.02
signal [adc counts]

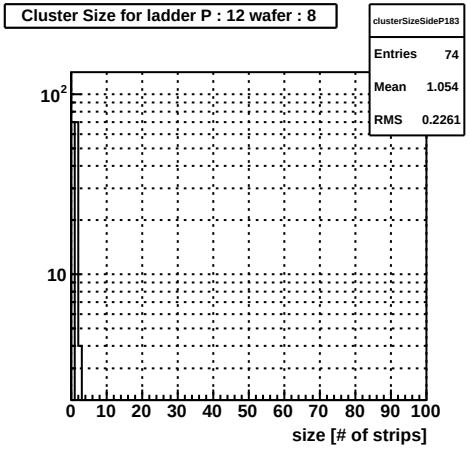

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 8
Mean 1
RMS 0
size [# of strips]

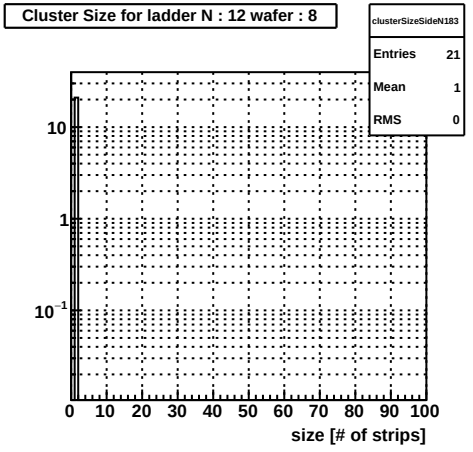

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 0
Mean 0
RMS 0
size [# of strips]

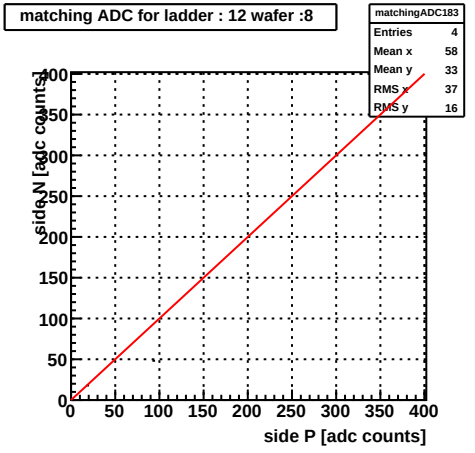

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

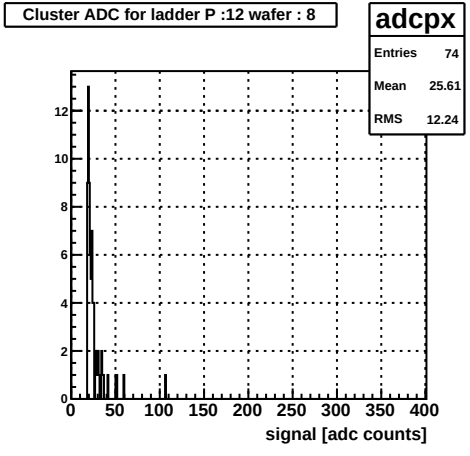

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 8
Mean 29.75
RMS 5.166
signal [adc counts]

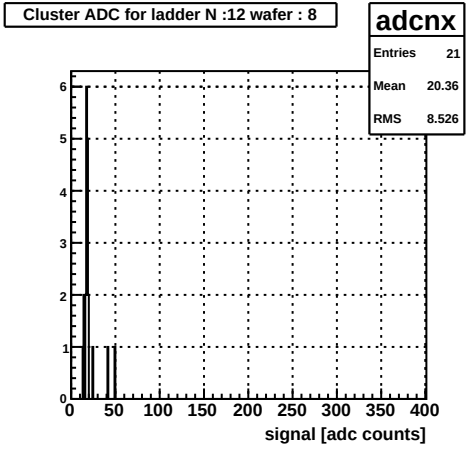

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

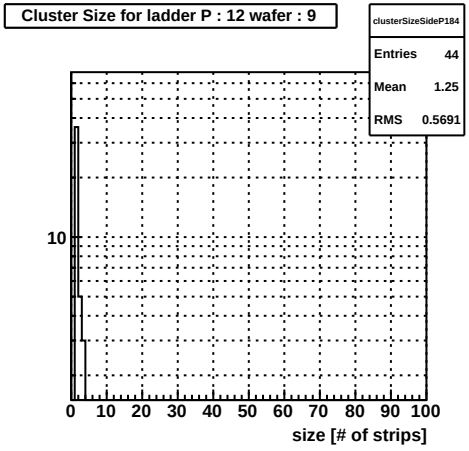

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 74
Mean 1.054
RMS 0.2261
size [# of strips]

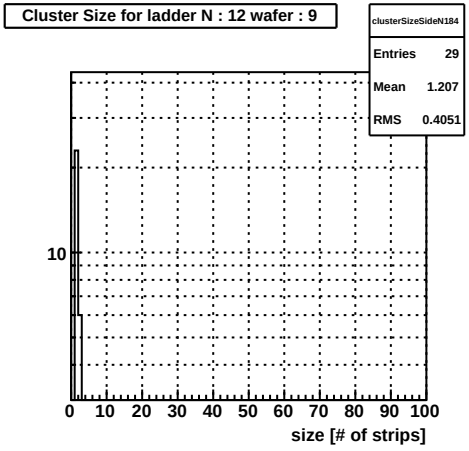

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 21
Mean 1
RMS 0
size [# of strips]

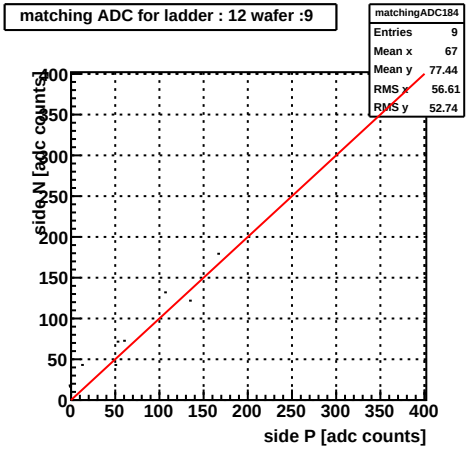

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 4
Mean x 58
Mean y 33
RMS x 37
RMS y 16
side N [adc counts]
side P [adc counts]

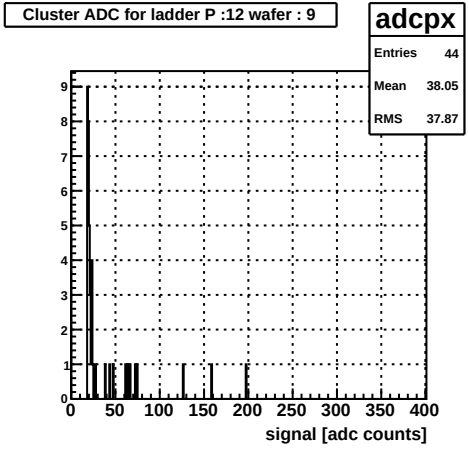

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 74
Mean 25.61
RMS 12.24
signal [adc counts]

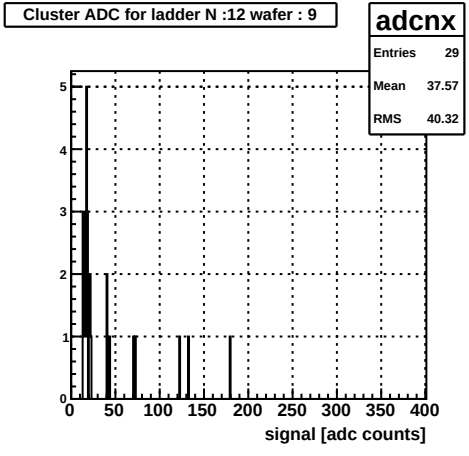

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 21
Mean 20.36
RMS 8.526
signal [adc counts]

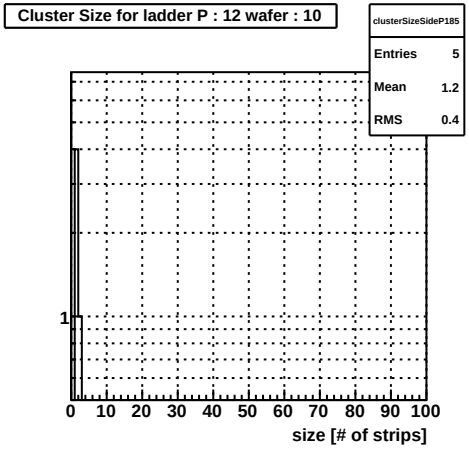

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 44
Mean 1.25
RMS 0.5691
size [# of strips]

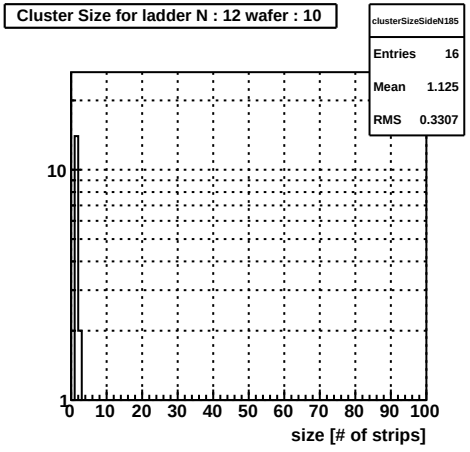

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 29
Mean 1.207
RMS 0.4051
size [# of strips]

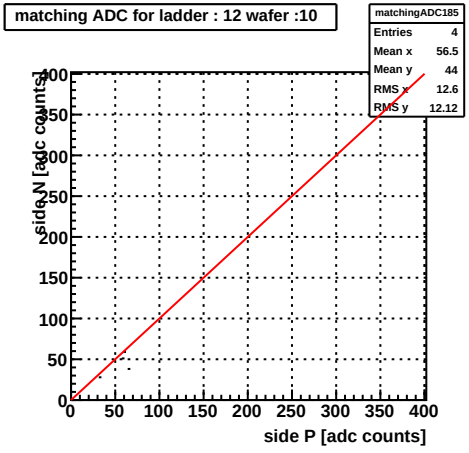

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 9
Mean x 67
Mean y 77.44
RMS x 56.61
RMS y 52.74
side N [adc counts]
side P [adc counts]

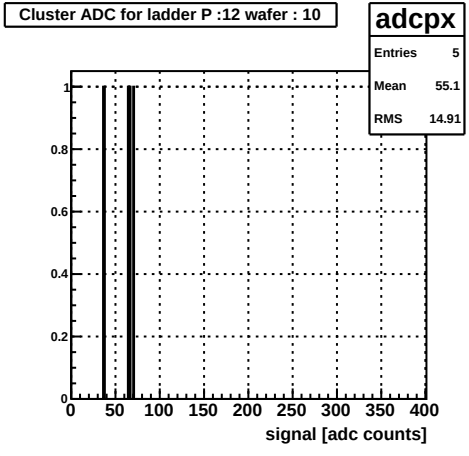

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 44
Mean 38.05
RMS 37.87
signal [adc counts]

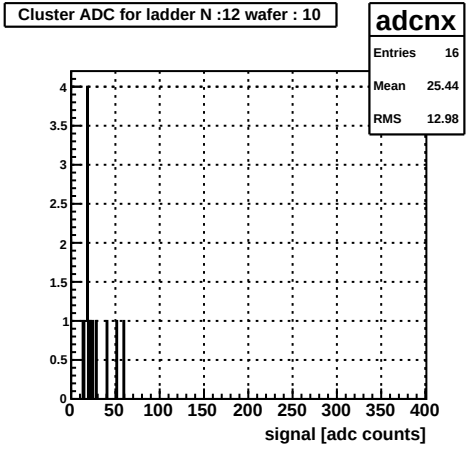

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 29
Mean 37.57
RMS 40.32
signal [adc counts]

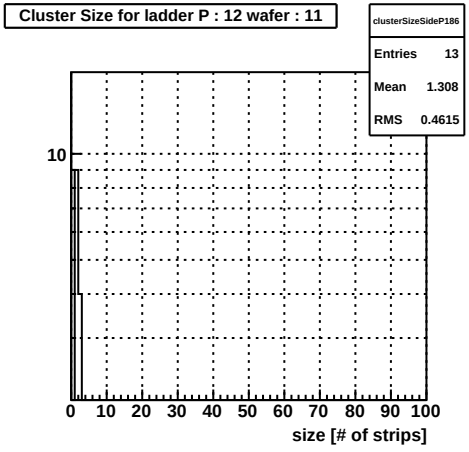

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

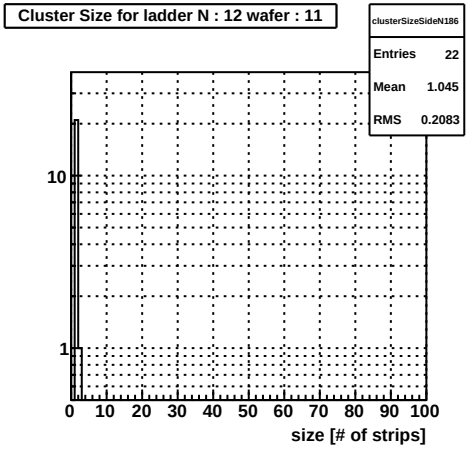

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

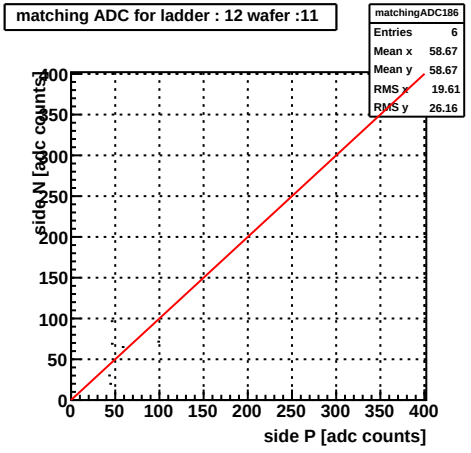

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 4
Mean x 56.5
Mean y 44
RMS x 12.6
RMS y 12.12
side N [adc counts]
side P [adc counts]

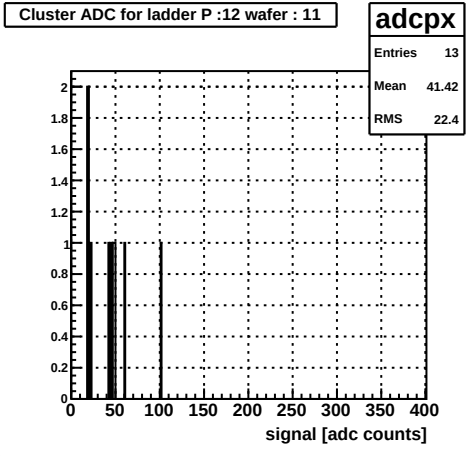

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 5
Mean 55.1
RMS 14.91
signal [adc counts]

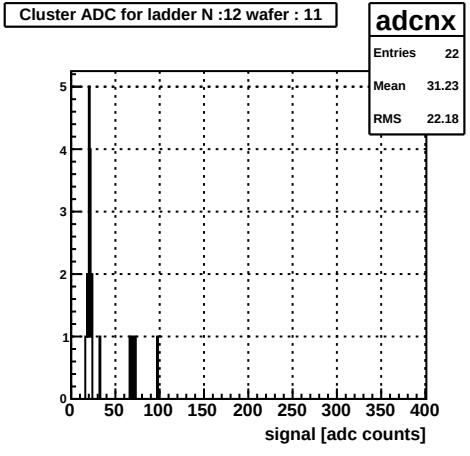

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 16
Mean 25.44
RMS 12.98
signal [adc counts]

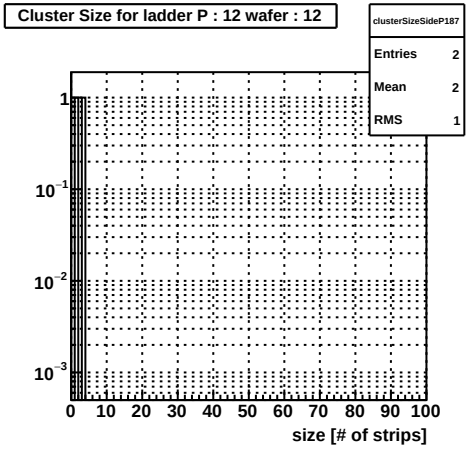

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 13
Mean 1.308
RMS 0.4615
size [# of strips]

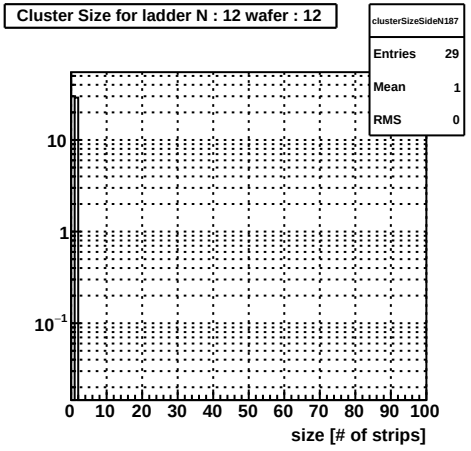

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 22
Mean 1.045
RMS 0.2083
size [# of strips]

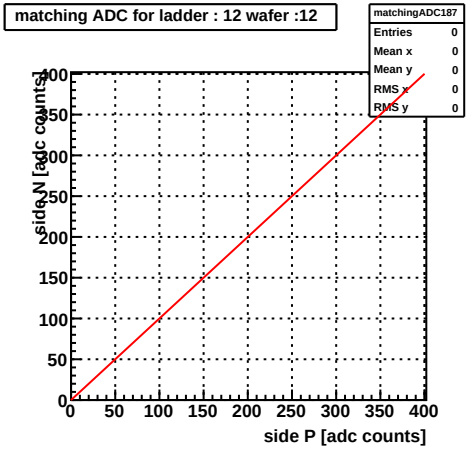

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 6
Mean x 58.67
Mean y 58.67
RMS x 19.61
RMS y 26.16
side N [adc counts]
side P [adc counts]

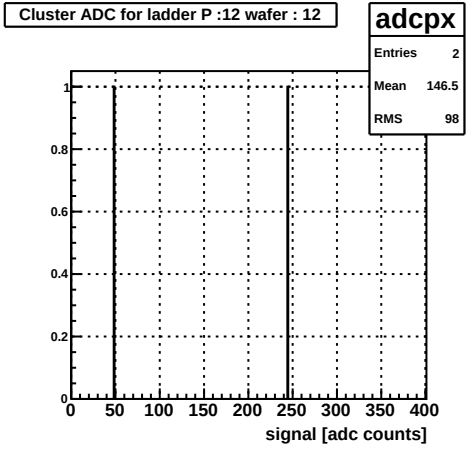

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 13
Mean 41.42
RMS 22.4
signal [adc counts]

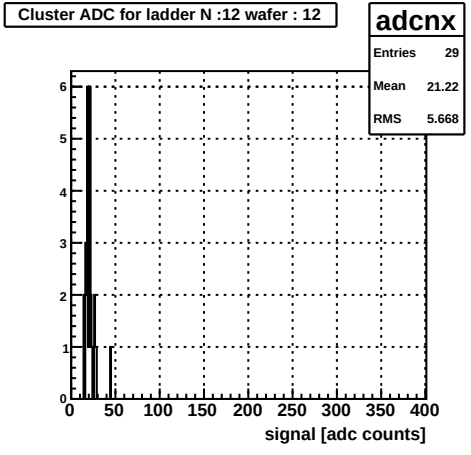

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 22
Mean 31.23
RMS 22.18
signal [adc counts]

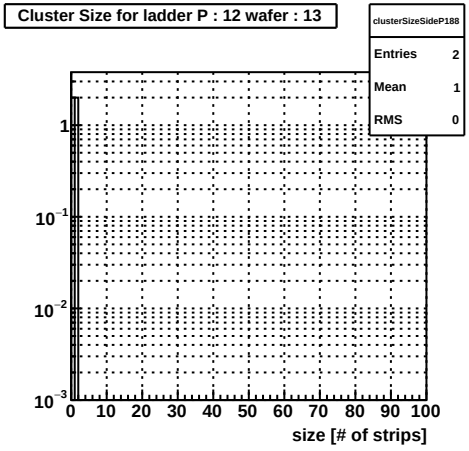

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2
Mean 2
RMS 1
size [# of strips]

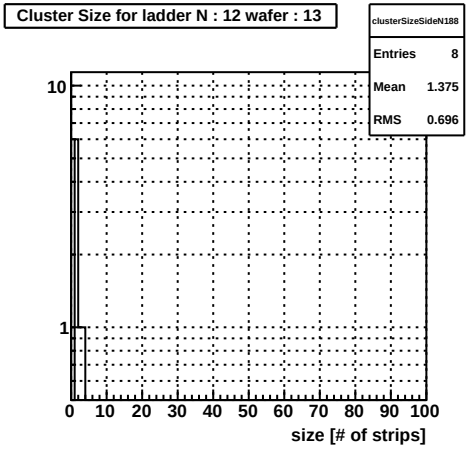

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 29
Mean 1
RMS 0
size [# of strips]

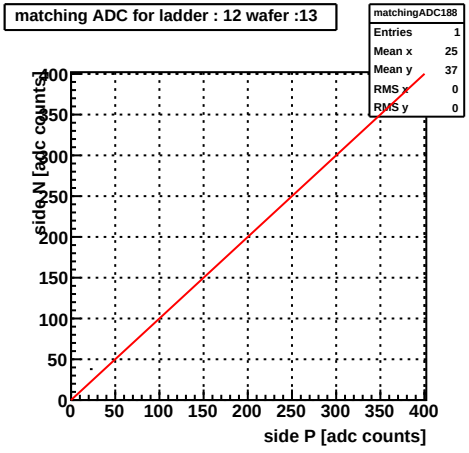

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

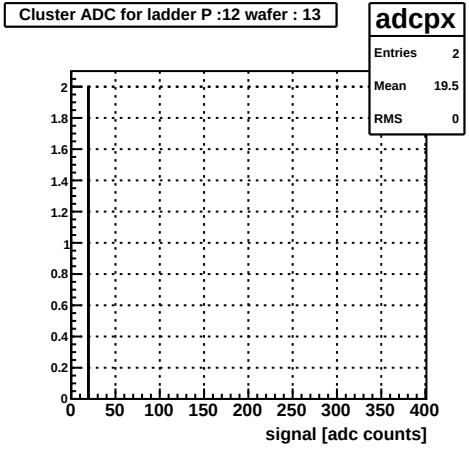

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2
Mean 146.5
RMS 98
signal [adc counts]

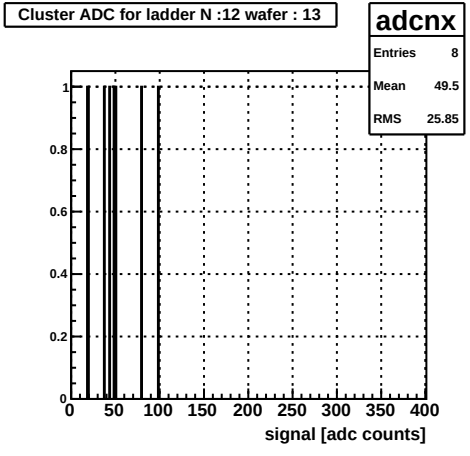

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 29
Mean 21.22
RMS 5.668
signal [adc counts]

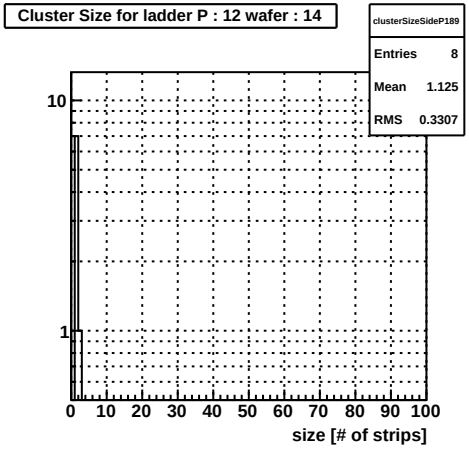

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2
Mean 1
RMS 0
size [# of strips]

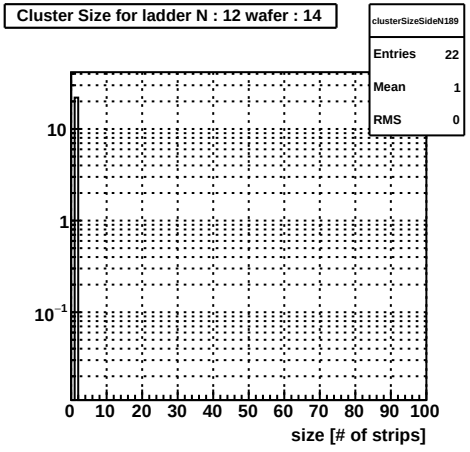

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 8
Mean 1.375
RMS 0.696
size [# of strips]

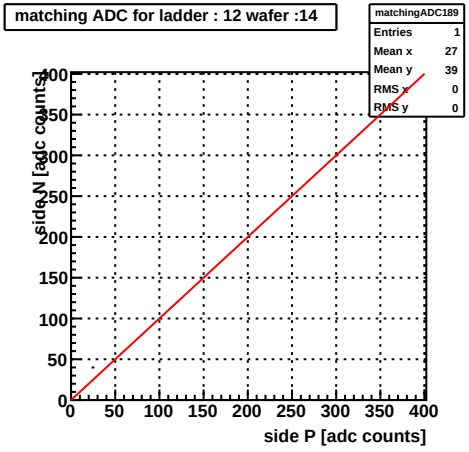

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1
Mean x 25
Mean y 37
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

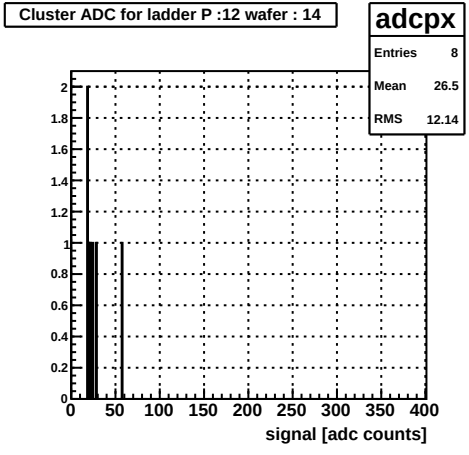

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2
Mean 19.5
RMS 0
signal [adc counts]

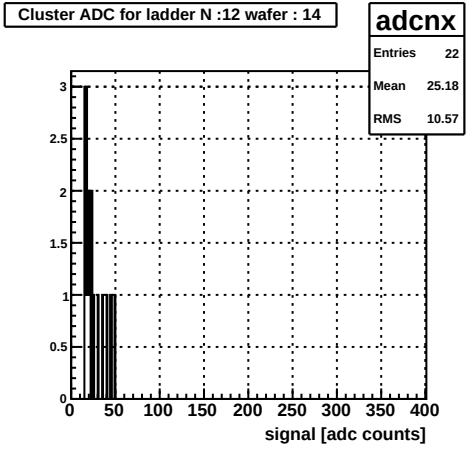

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 8
Mean 49.5
RMS 25.85
signal [adc counts]

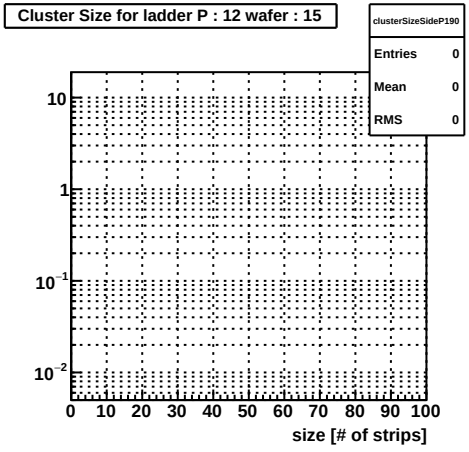

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

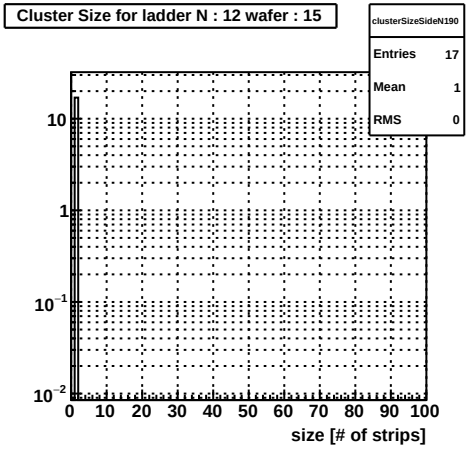

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 22
Mean 1
RMS 0
size [# of strips]

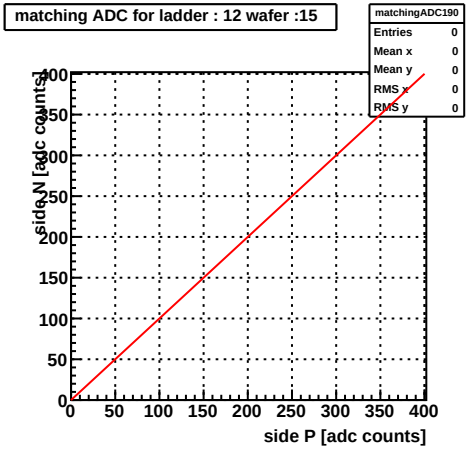

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 1
Mean x 27
Mean y 39
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

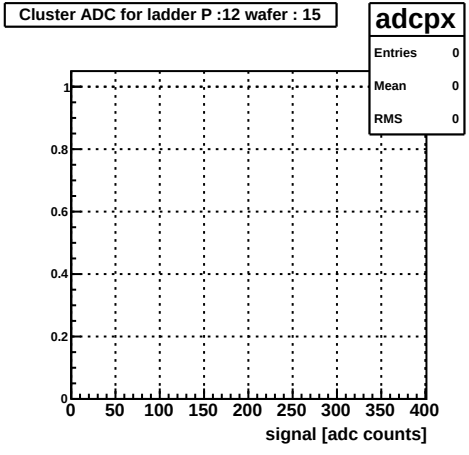

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 8
Mean 26.5
RMS 12.14
signal [adc counts]

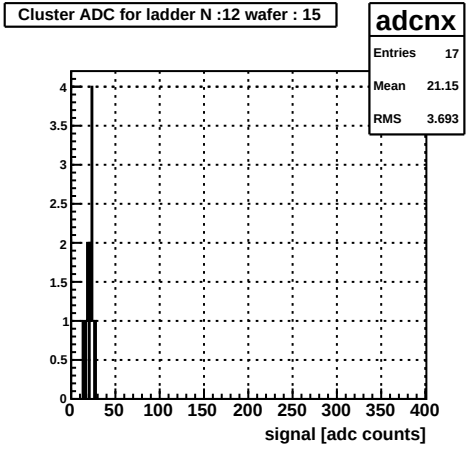

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 22
Mean 25.18
RMS 10.57
signal [adc counts]

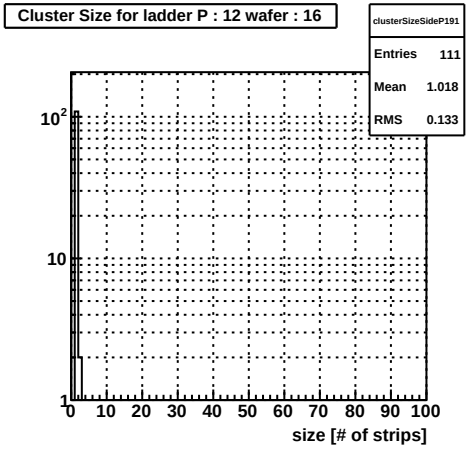

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 0
Mean 0
RMS 0
size [# of strips]

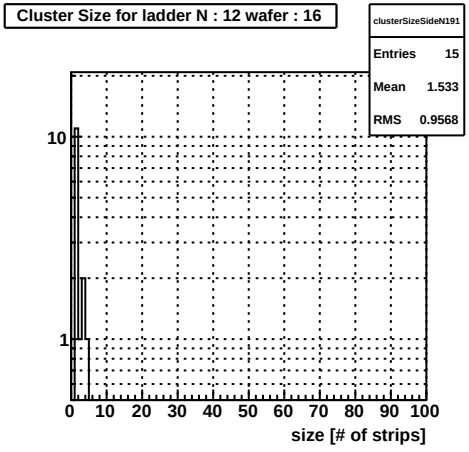

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 17
Mean 1
RMS 0
size [# of strips]

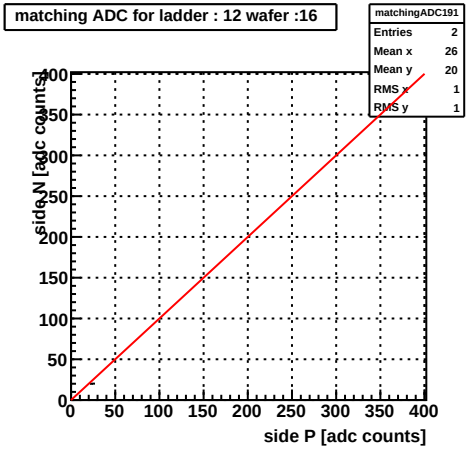

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

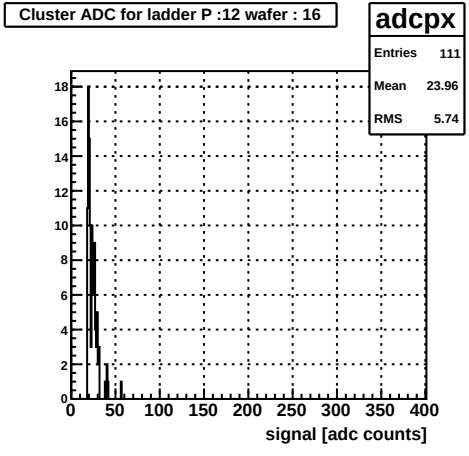

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

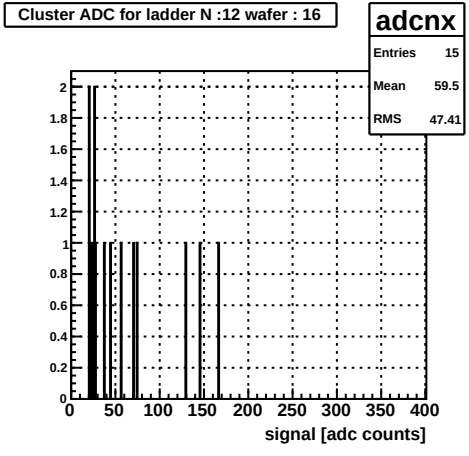

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 17
Mean 21.15
RMS 3.693
signal [adc counts]

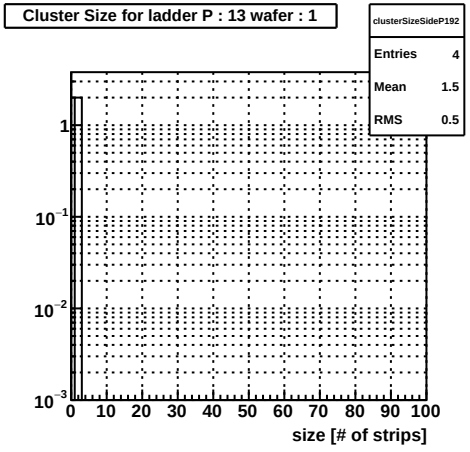

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 111
Mean 1.018
RMS 0.133
size [# of strips]

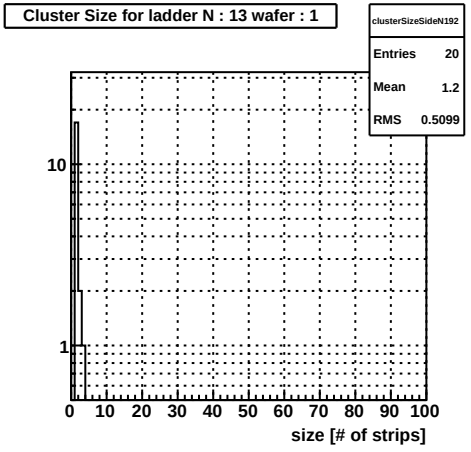

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 15
Mean 1.533
RMS 0.9568
size [# of strips]

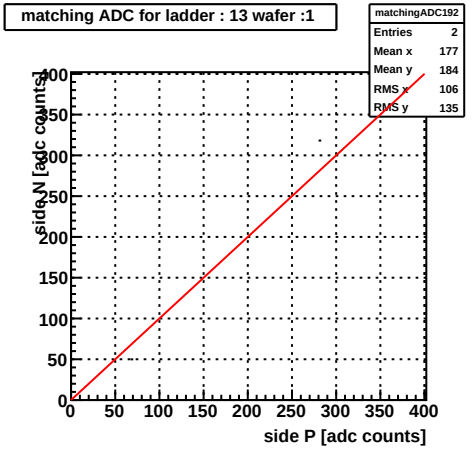

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 2
Mean x 26
Mean y 20
RMS x 1
RMS y 1
side N [adc counts]
side P [adc counts]

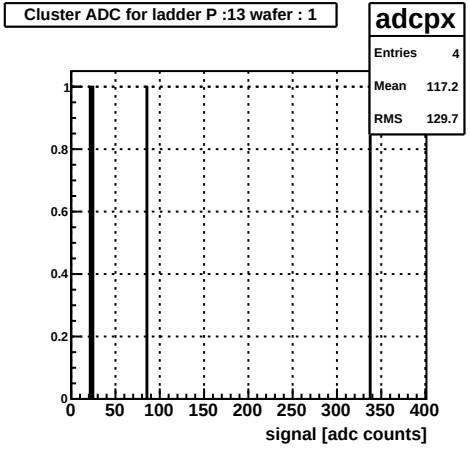

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 111
Mean 23.96
RMS 5.74
signal [adc counts]

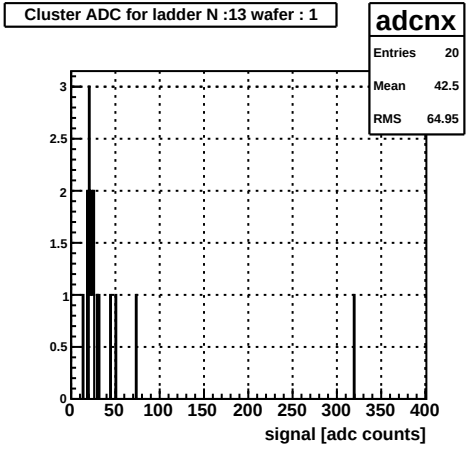

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 15
Mean 59.5
RMS 47.41
signal [adc counts]

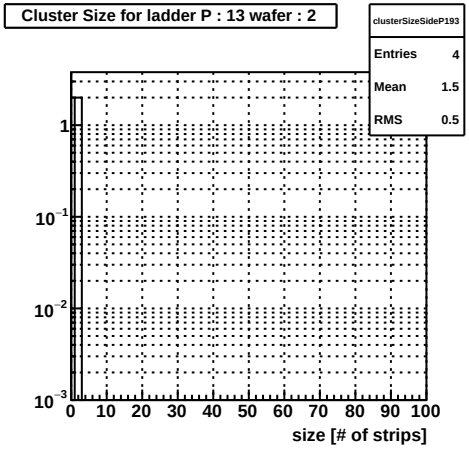

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 4
Mean 1.5
RMS 0.5
size [# of strips]

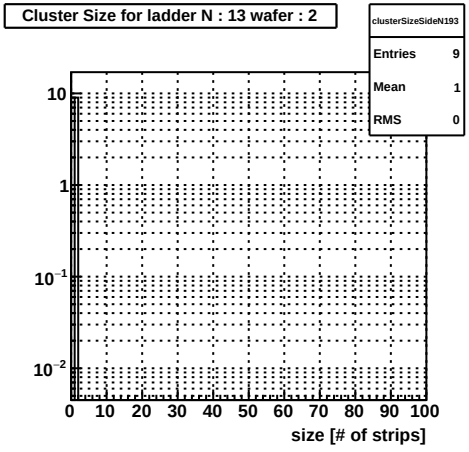

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 20
Mean 1.2
RMS 0.5099
size [# of strips]

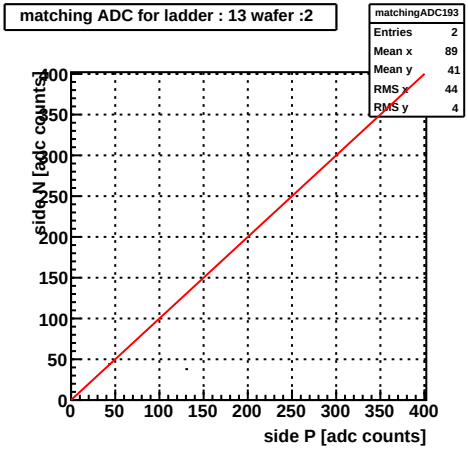

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2
Mean x 177
Mean y 184
RMS x 106
RMS y 135
side N [adc counts]
side P [adc counts]

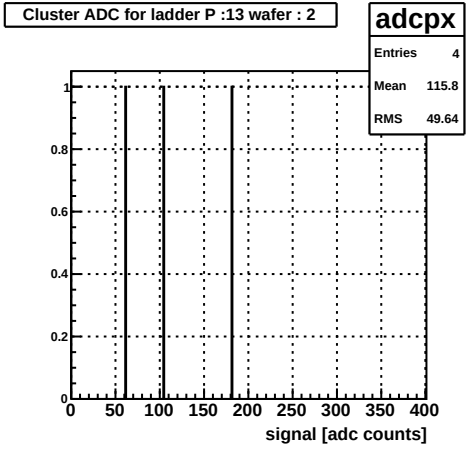

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 4
Mean 117.2
RMS 129.7
signal [adc counts]

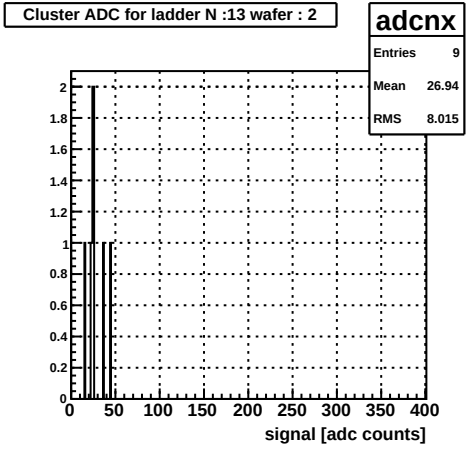

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 20
Mean 42.5
RMS 64.95
signal [adc counts]

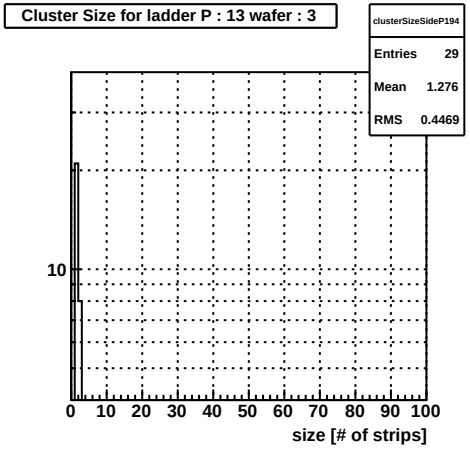

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 4
Mean 1.5
RMS 0.5
size [# of strips]

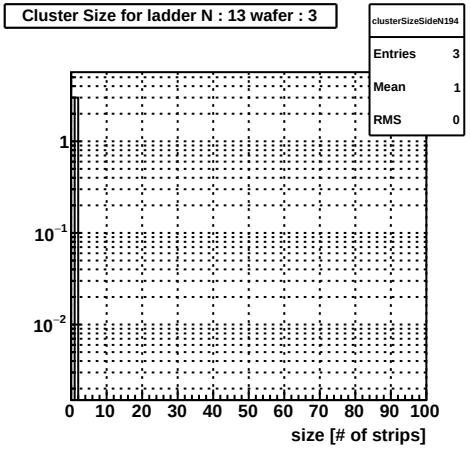

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 9
Mean 1
RMS 0
size [# of strips]

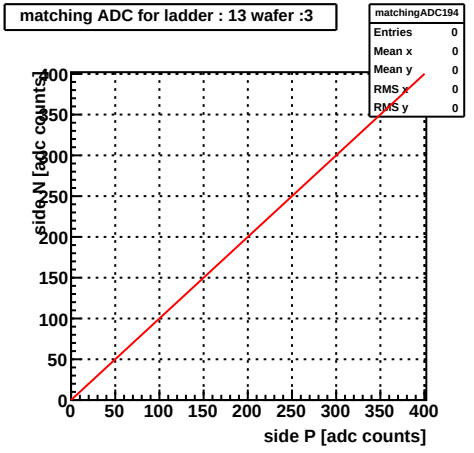

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 2
Mean x 89
Mean y 41
RMS x 44
RMS y 4
side N [adc counts]
side P [adc counts]

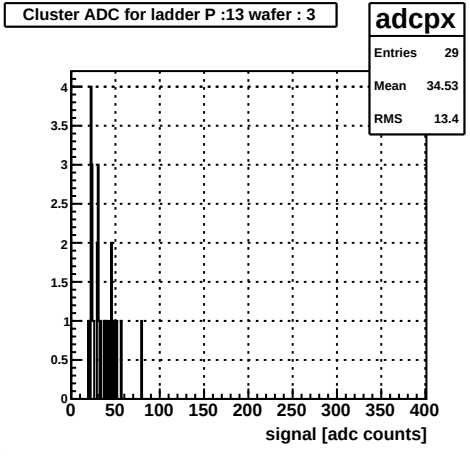

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 4
Mean 115.8
RMS 49.64
signal [adc counts]

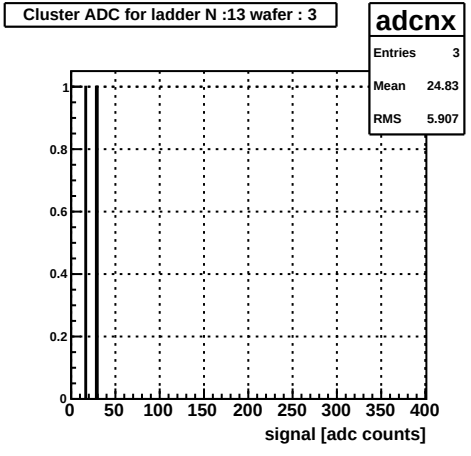

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 9
Mean 26.94
RMS 8.015
signal [adc counts]

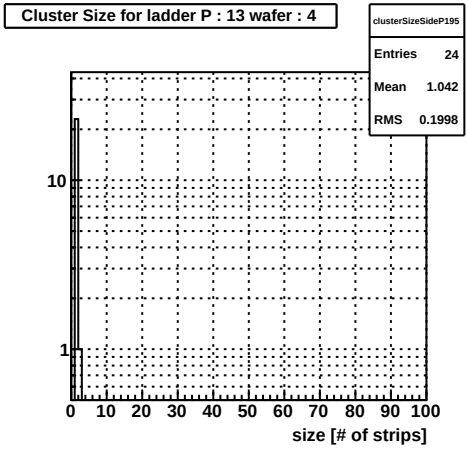

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 29
Mean 1.276
RMS 0.4469
size [# of strips]

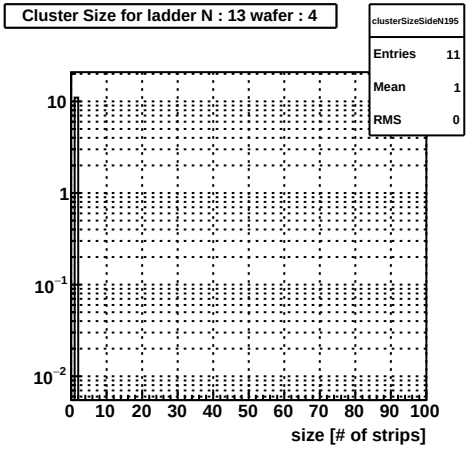

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3
Mean 1
RMS 0
size [# of strips]

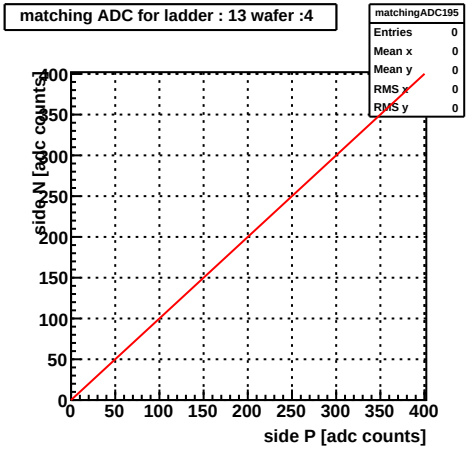

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

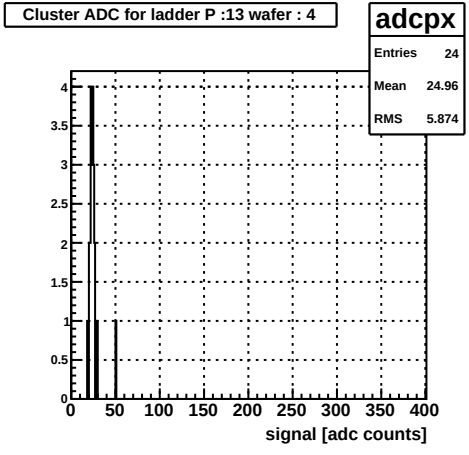

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 29
Mean 34.53
RMS 13.4
signal [adc counts]

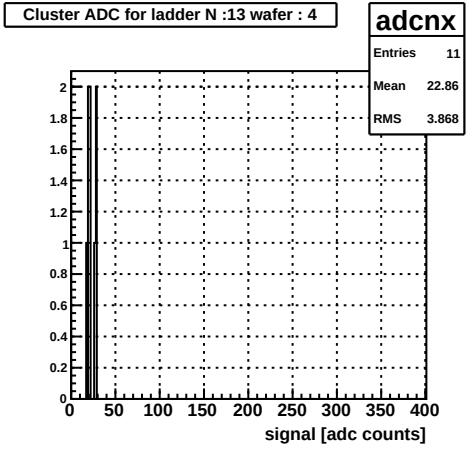

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3
Mean 24.83
RMS 5.907
signal [adc counts]

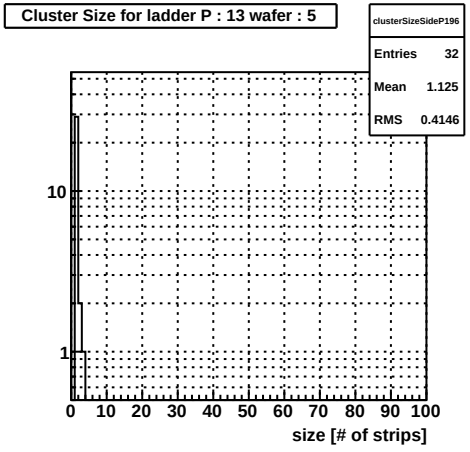

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 24
Mean 1.042
RMS 0.1998
size [# of strips]

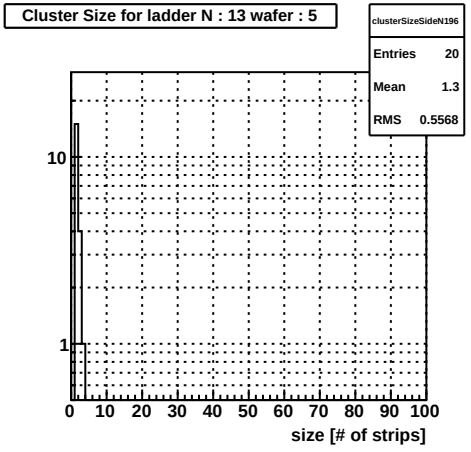

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 11
Mean 1
RMS 0
size [# of strips]

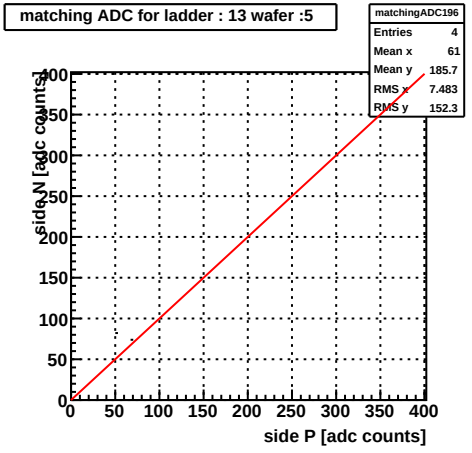

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

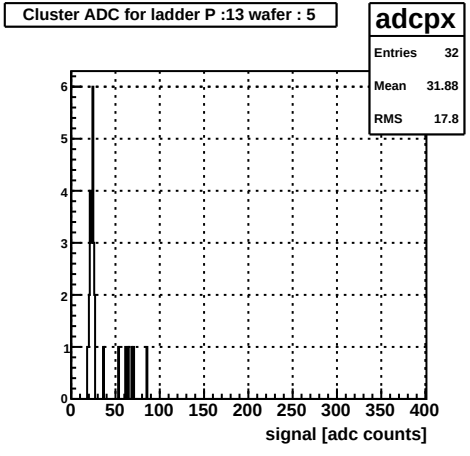

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 24
Mean 24.96
RMS 5.874
signal [adc counts]

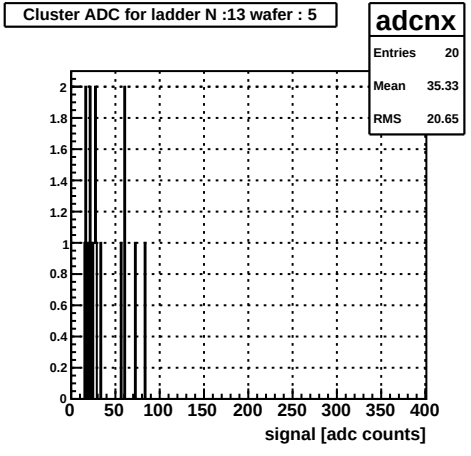

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 11
Mean 22.86
RMS 3.868
signal [adc counts]

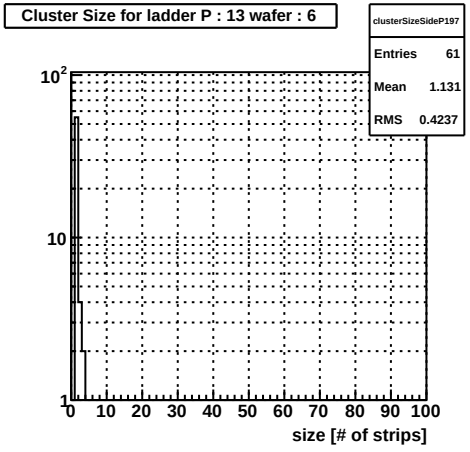

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 32
Mean 1.125
RMS 0.4146
size [# of strips]

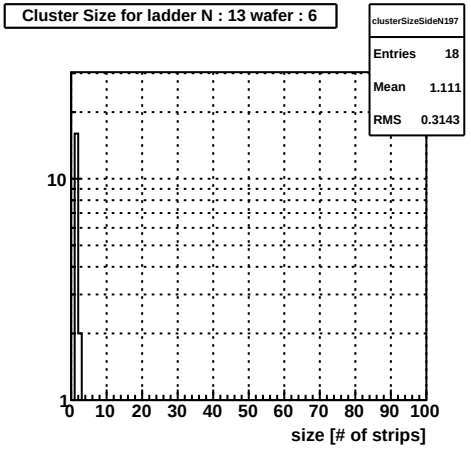

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 20
Mean 1.3
RMS 0.5568
size [# of strips]

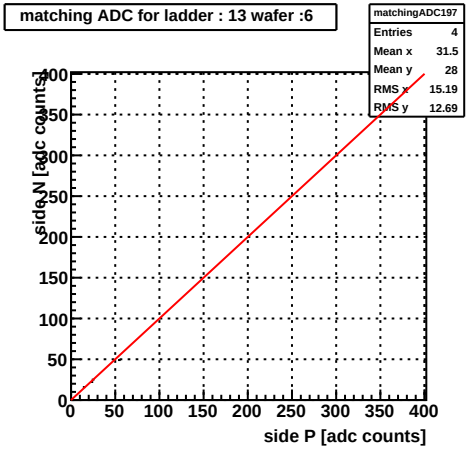

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 4
Mean x 61
Mean y 185.7
RMS x 7.483
RMS y 152.3
side N [adc counts]
side P [adc counts]

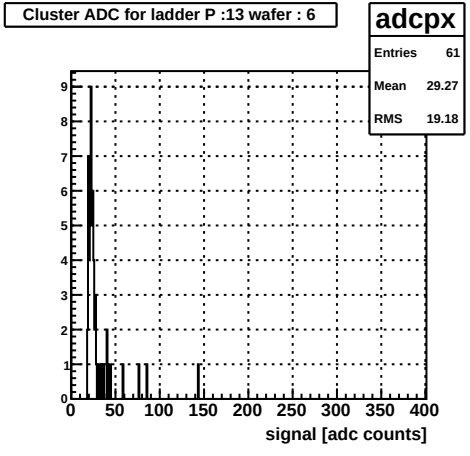

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 32
Mean 31.88
RMS 17.8
signal [adc counts]

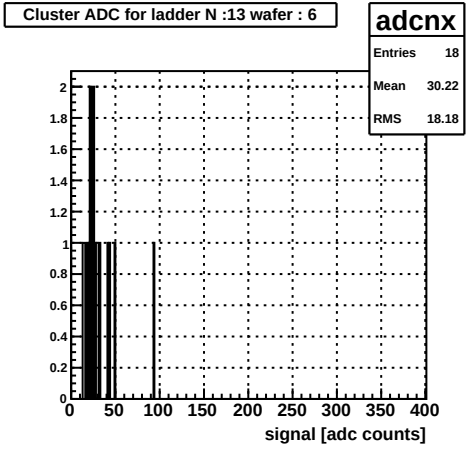

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 20
Mean 35.33
RMS 20.65
signal [adc counts]

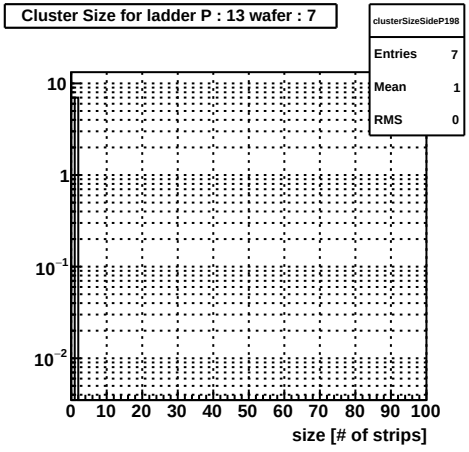

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 61
Mean 1.131
RMS 0.4237
size [# of strips]

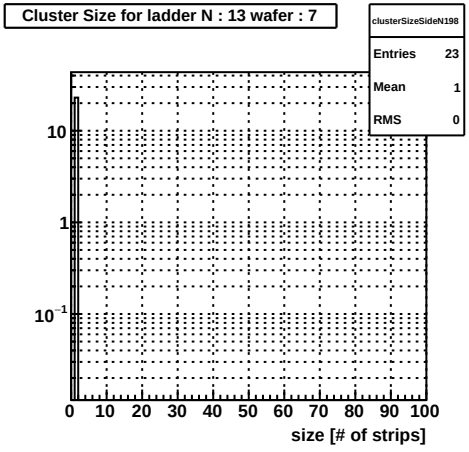

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

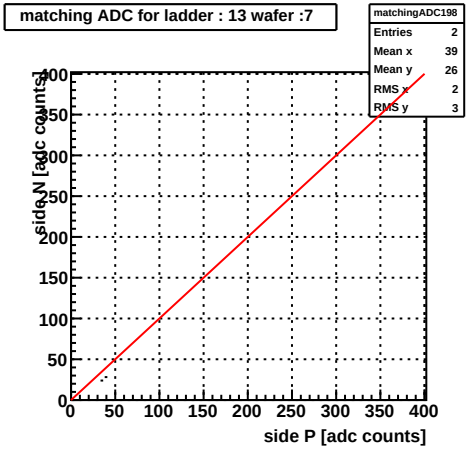

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 4
Mean x 31.5
Mean y 28
RMS x 15.19
RMS y 12.69
side N [adc counts]
side P [adc counts]

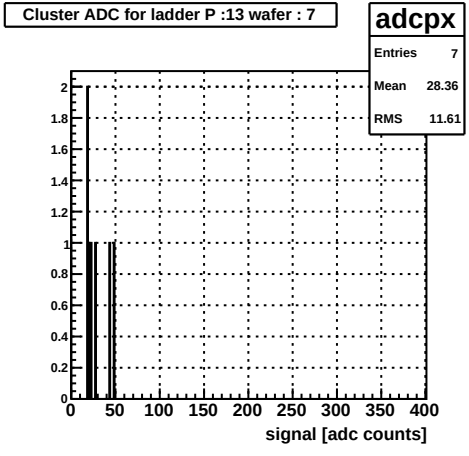

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 61
Mean 29.27
RMS 19.18
signal [adc counts]

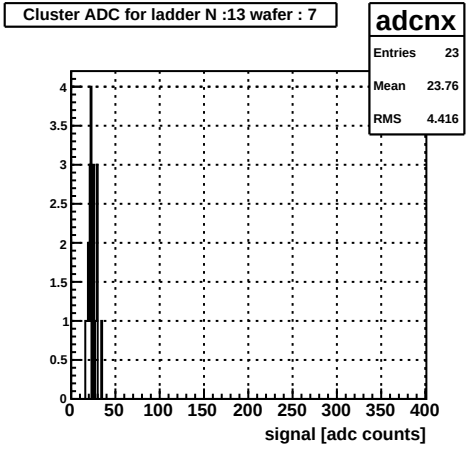

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 18
Mean 30.22
RMS 18.18
signal [adc counts]

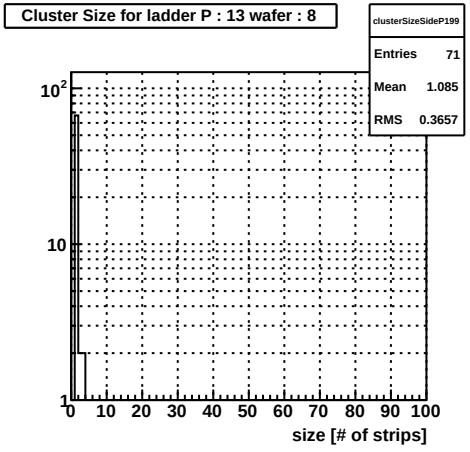

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 7
Mean 1
RMS 0
size [# of strips]

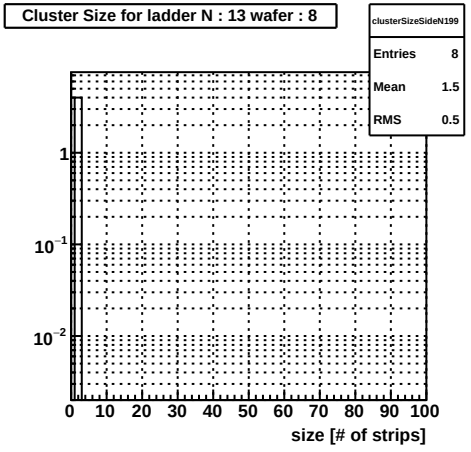

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 23
Mean 1
RMS 0
size [# of strips]

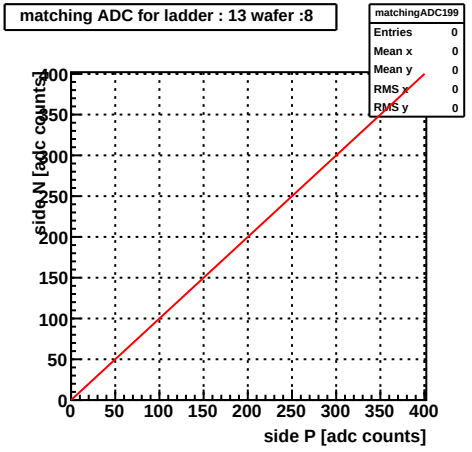

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 2
Mean x 39
Mean y 26
RMS x 2
RMS y 3
side N [adc counts]
side P [adc counts]

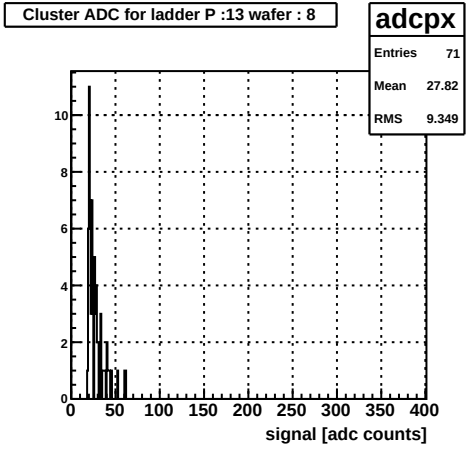

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 7
Mean 28.36
RMS 11.61
signal [adc counts]

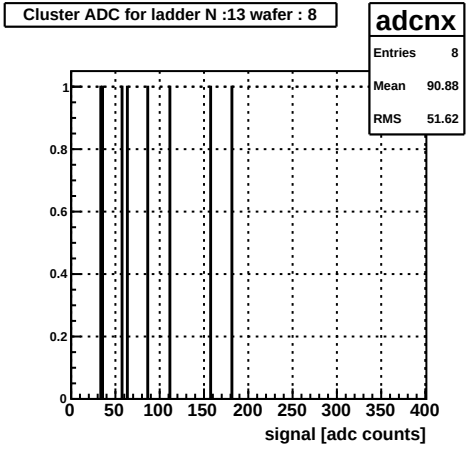

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 23
Mean 23.76
RMS 4.416
signal [adc counts]

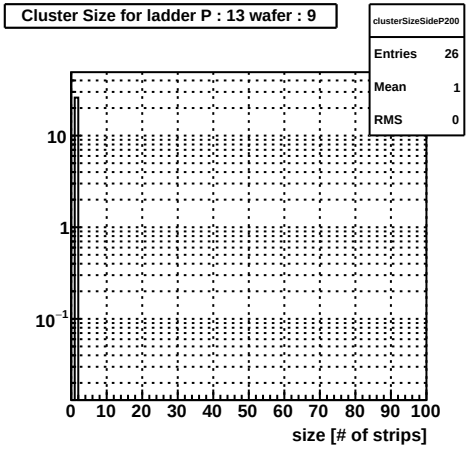

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 71
Mean 1.085
RMS 0.3657
size [# of strips]

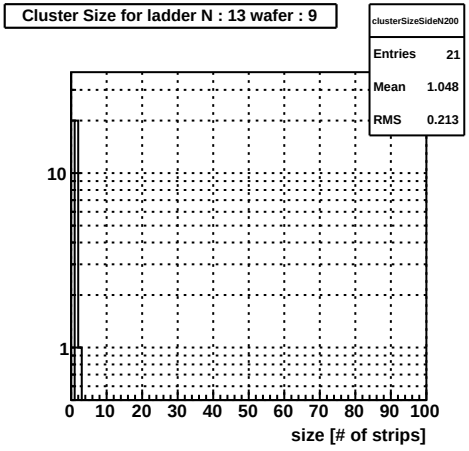

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 8
Mean 1.5
RMS 0.5
size [# of strips]

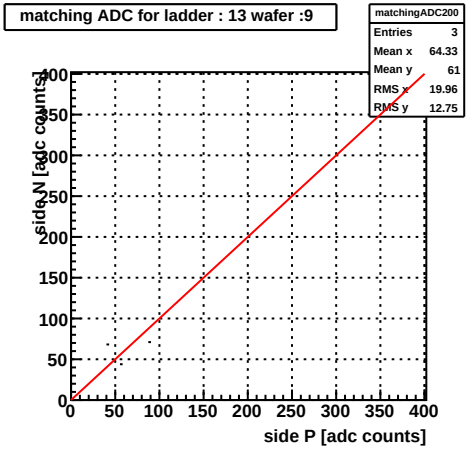

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

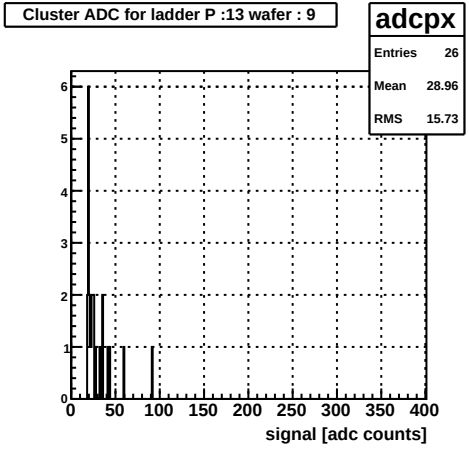

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 71
Mean 27.82
RMS 9.349
signal [adc counts]

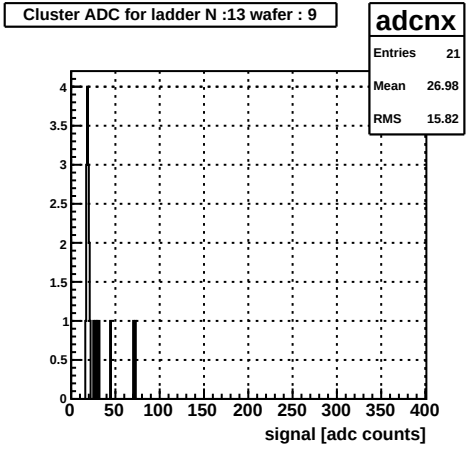

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 8
Mean 90.88
RMS 51.62
signal [adc counts]

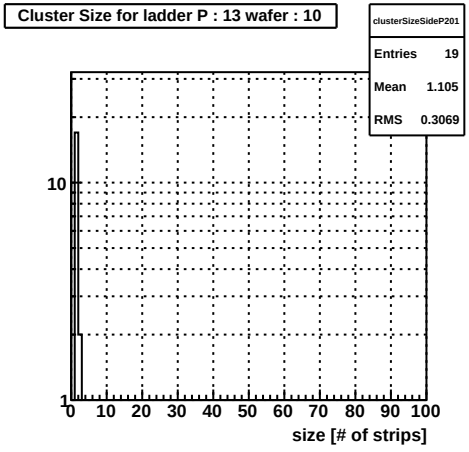

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 26
Mean 1
RMS 0
size [# of strips]

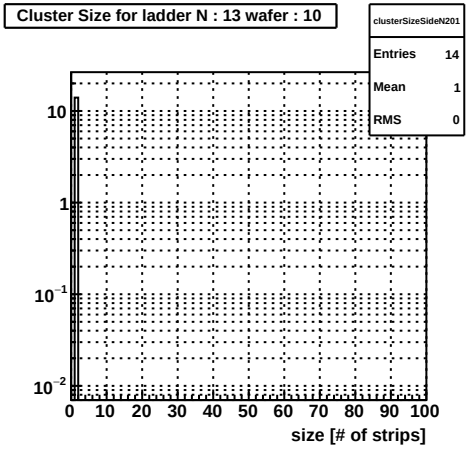

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

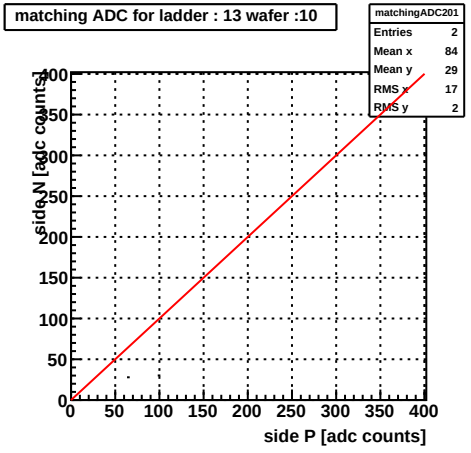

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 3
Mean x 64.33
Mean y 61
RMS x 19.96
RMS y 12.75
side N [adc counts]
side P [adc counts]

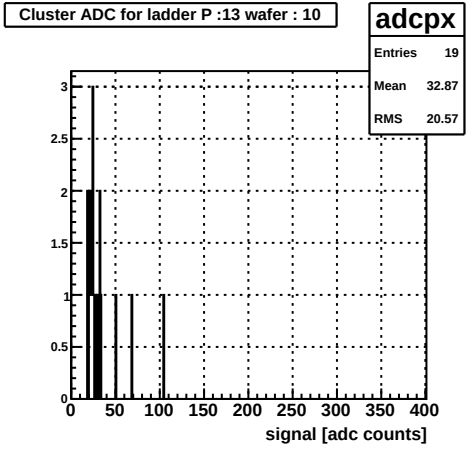

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 26
Mean 28.96
RMS 15.73
signal [adc counts]

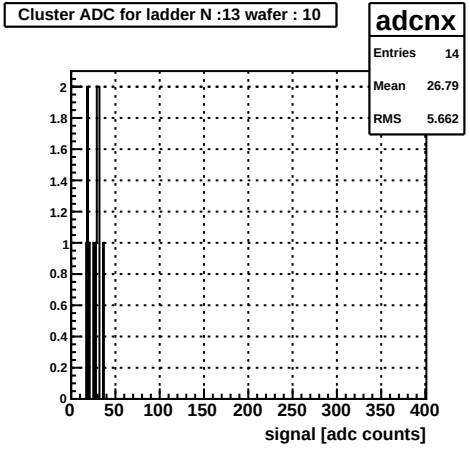

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 21
Mean 26.98
RMS 15.82
signal [adc counts]

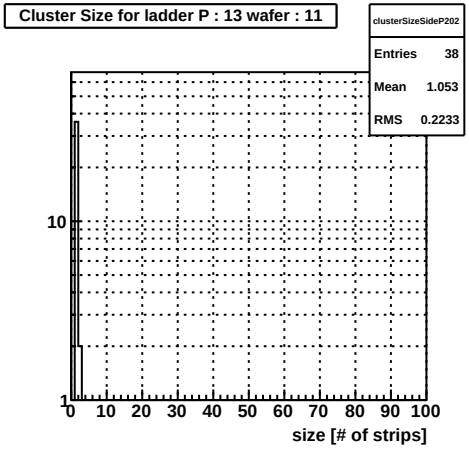

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 19
Mean 1.105
RMS 0.3069
size [# of strips]

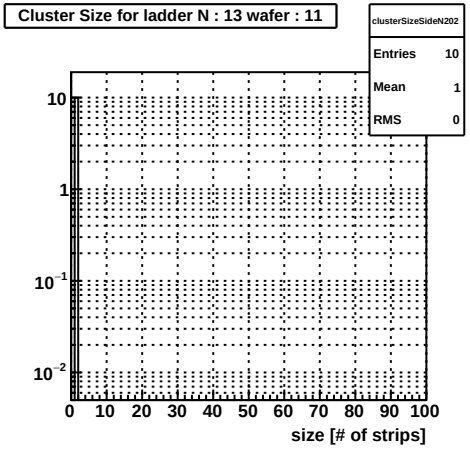

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 14
Mean 1
RMS 0
size [# of strips]

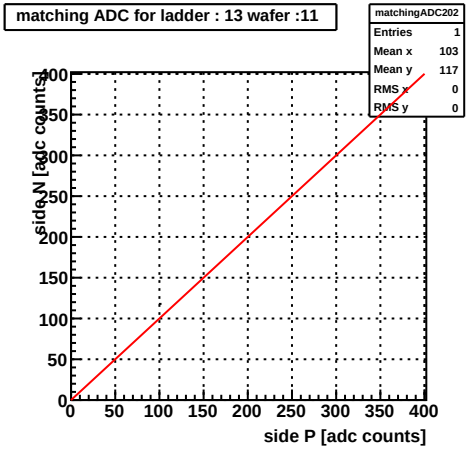

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 2
Mean x 84
Mean y 29
RMS x 17
RMS y 2
side N [adc counts]
side P [adc counts]

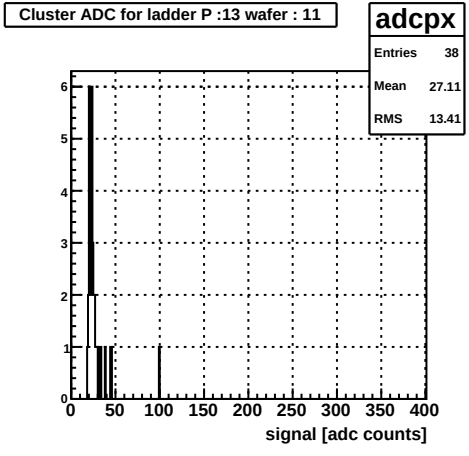

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 19
Mean 32.87
RMS 20.57
signal [adc counts]

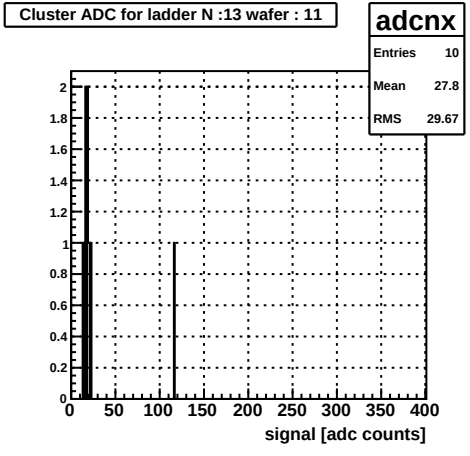

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 14
Mean 26.79
RMS 5.662
signal [adc counts]

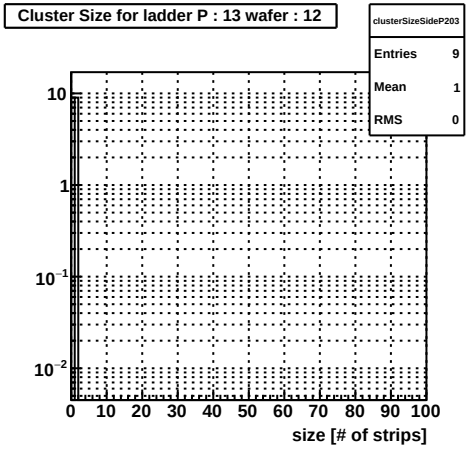

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 38
Mean 1.053
RMS 0.2233
size [# of strips]

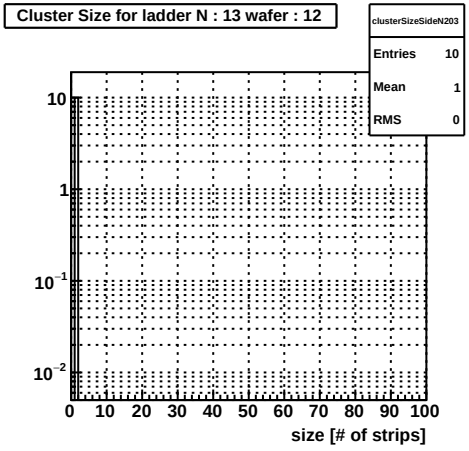

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 10
Mean 1
RMS 0
size [# of strips]

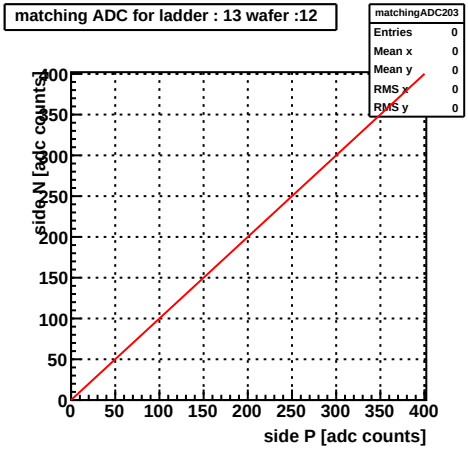

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1
Mean x 103
Mean y 117
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

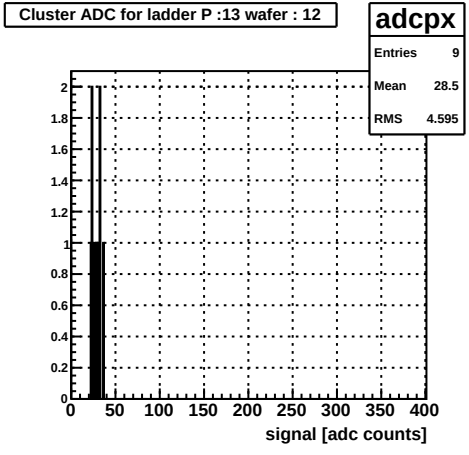

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 38
Mean 27.11
RMS 13.41
signal [adc counts]

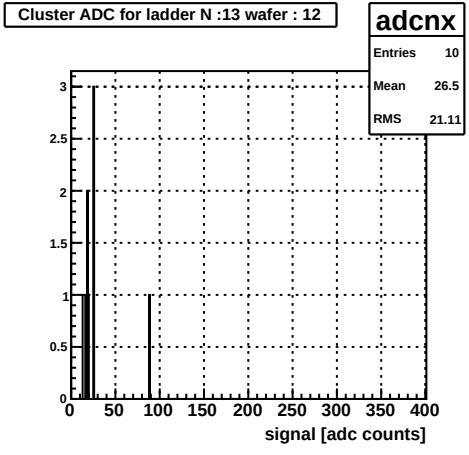

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 10
Mean 27.8
RMS 29.67
signal [adc counts]

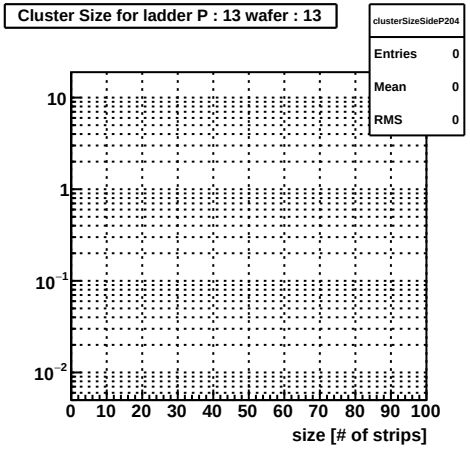

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 9
Mean 1
RMS 0
size [# of strips]

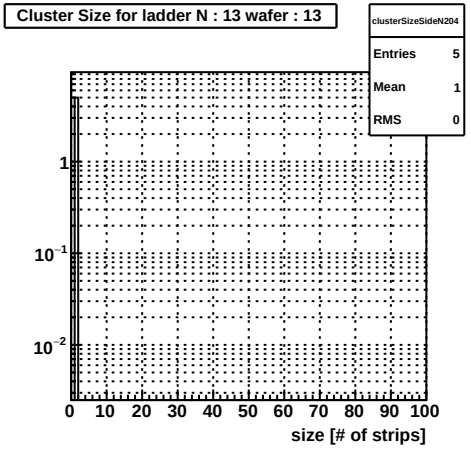

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 10
Mean 1
RMS 0
size [# of strips]

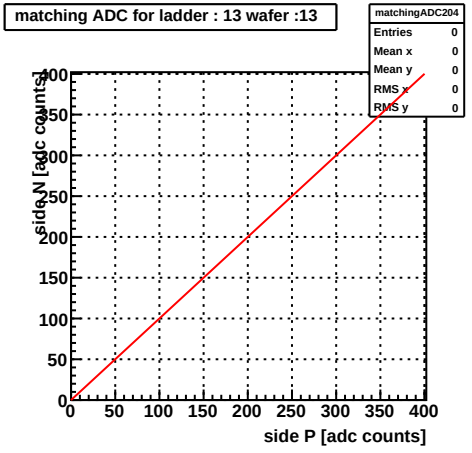

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

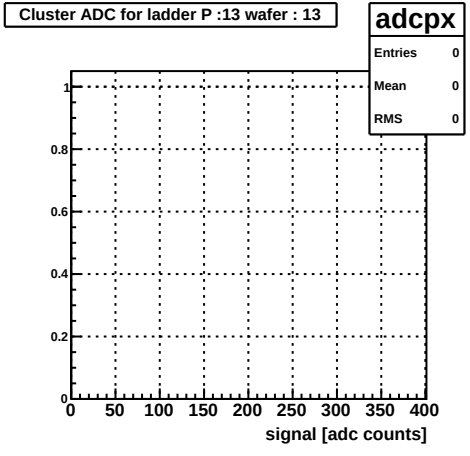

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 9
Mean 28.5
RMS 4.595
signal [adc counts]

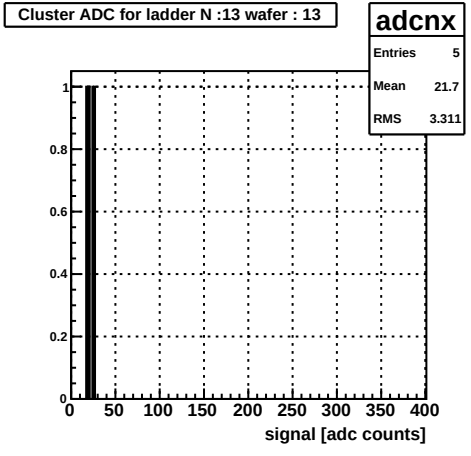

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 10
Mean 26.5
RMS 21.11
signal [adc counts]

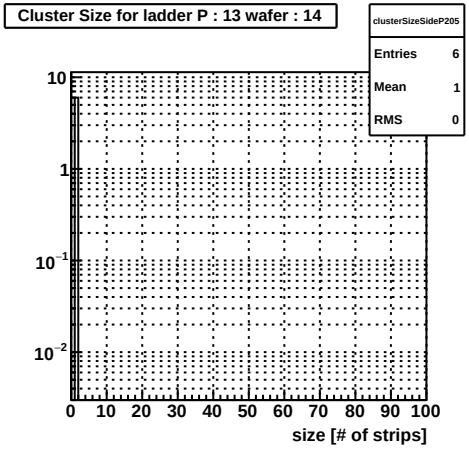

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 0
Mean 0
RMS 0
size [# of strips]

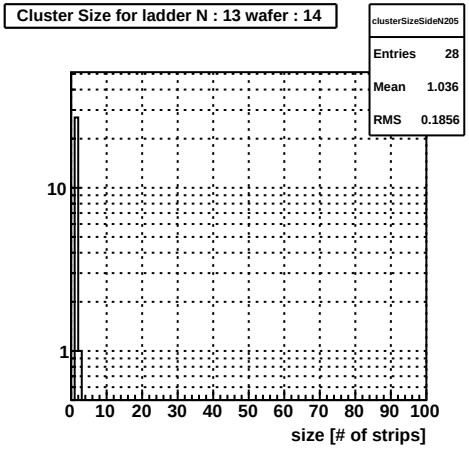

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 5
Mean 1
RMS 0
size [# of strips]

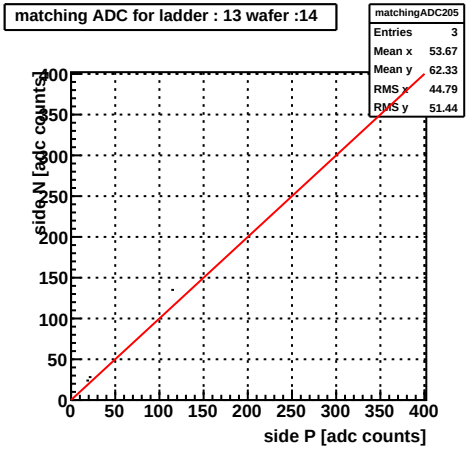

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

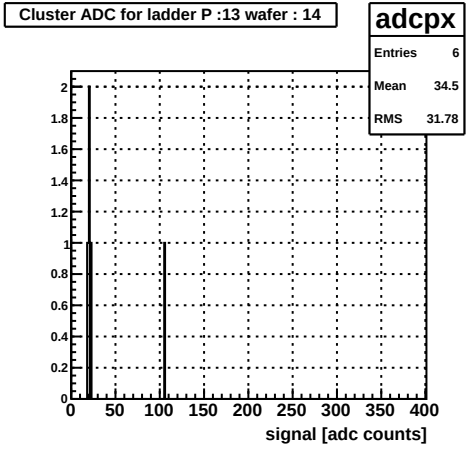

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

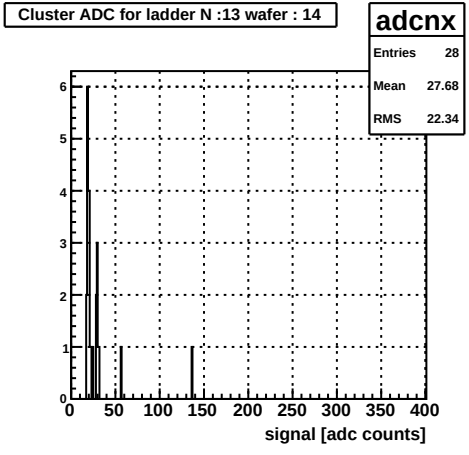

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 5
Mean 21.7
RMS 3.311
signal [adc counts]

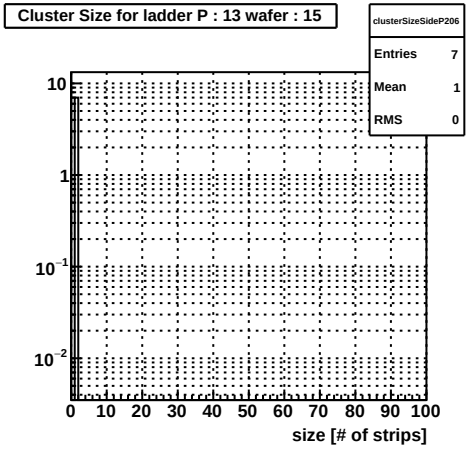

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 6
Mean 1
RMS 0
size [# of strips]

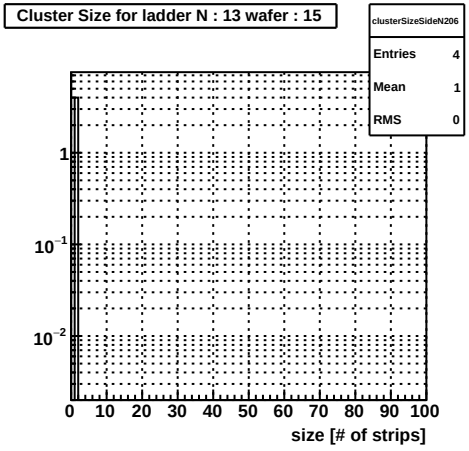

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

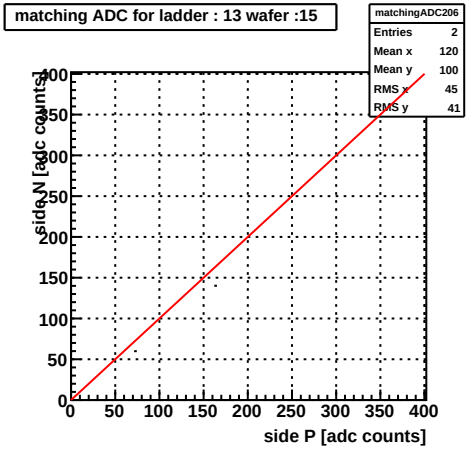

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 3
Mean x 53.67
Mean y 62.33
RMS x 44.79
RMS y 51.44
side N [adc counts]
side P [adc counts]

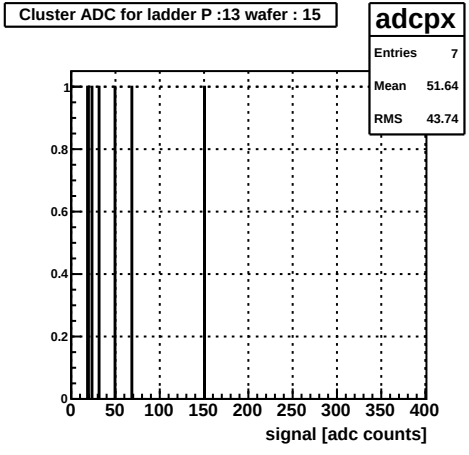

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 6
Mean 34.5
RMS 31.78
signal [adc counts]

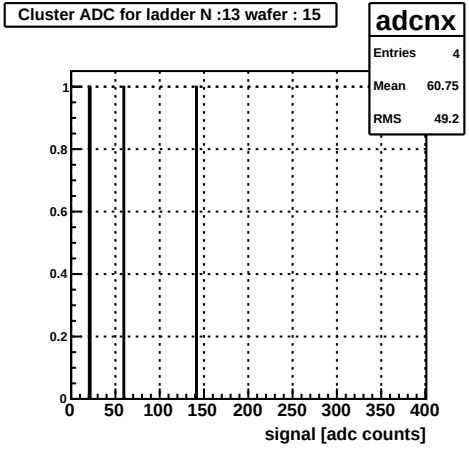

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 28
Mean 27.68
RMS 22.34
signal [adc counts]

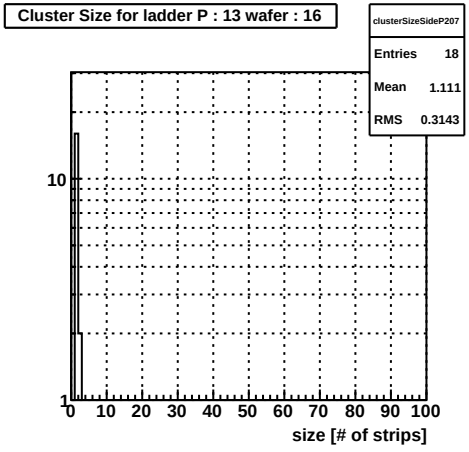

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 7
Mean 1
RMS 0
size [# of strips]

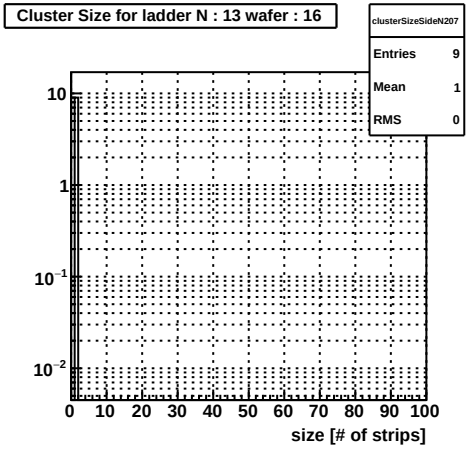

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 4
Mean 1
RMS 0
size [# of strips]

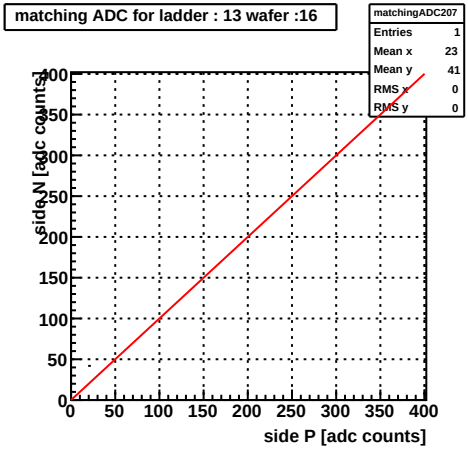

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 2
Mean x 120
Mean y 100
RMS x 45
RMS y 41
side N [adc counts]
side P [adc counts]

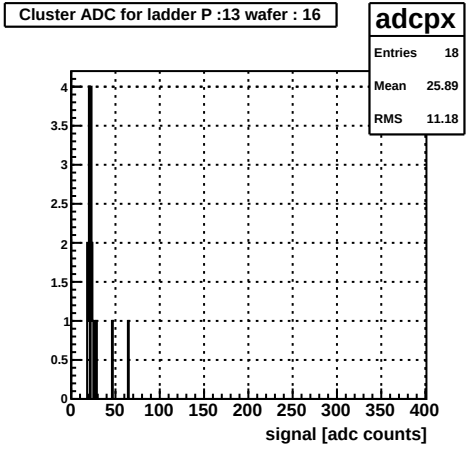

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 7
Mean 51.64
RMS 43.74
signal [adc counts]

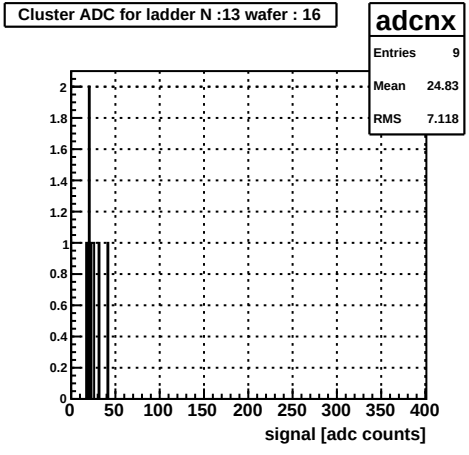

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 4
Mean 60.75
RMS 49.2
signal [adc counts]

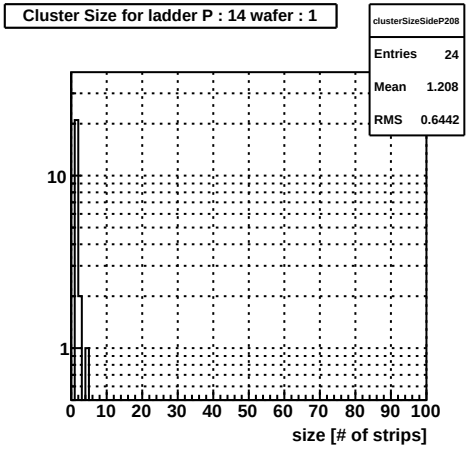

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

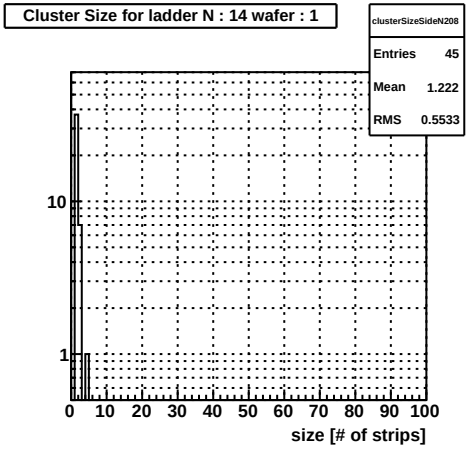

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 9
Mean 1
RMS 0
size [# of strips]

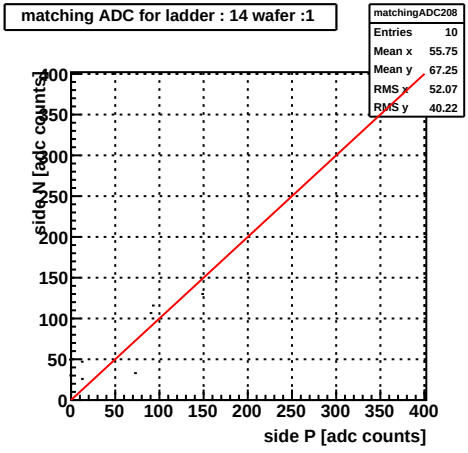

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1
Mean x 23
Mean y 41
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

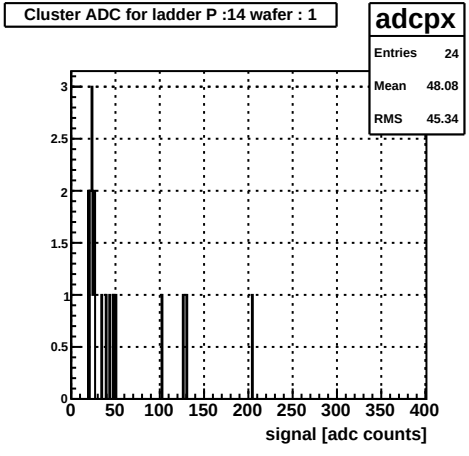

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 18
Mean 25.89
RMS 11.18
signal [adc counts]

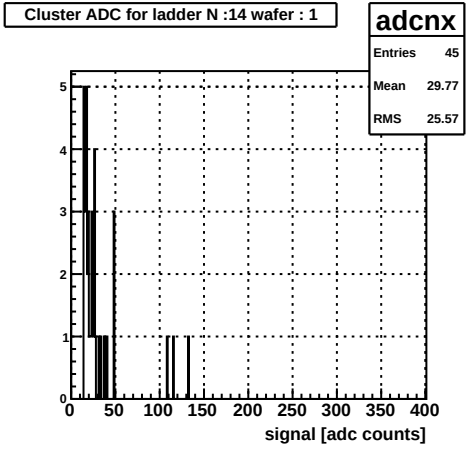

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 9
Mean 24.83
RMS 7.118
signal [adc counts]

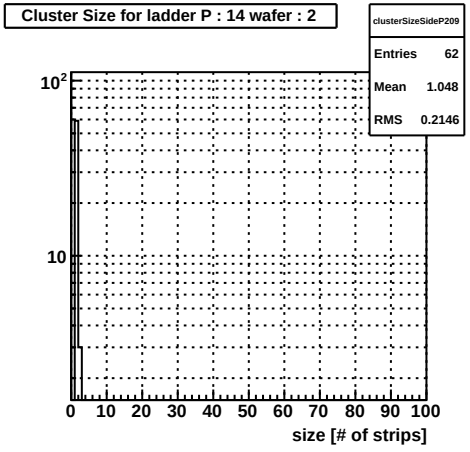

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 24
Mean 1.208
RMS 0.6442
size [# of strips]

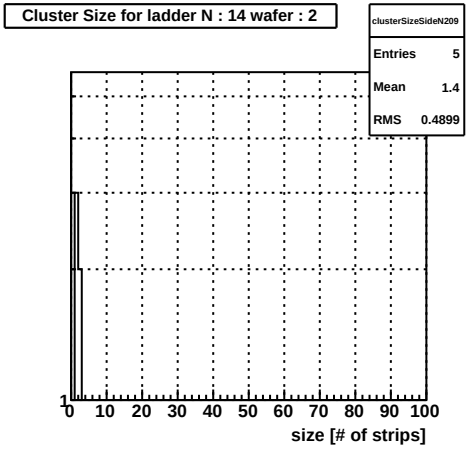

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 45
Mean 1.222
RMS 0.5533
size [# of strips]

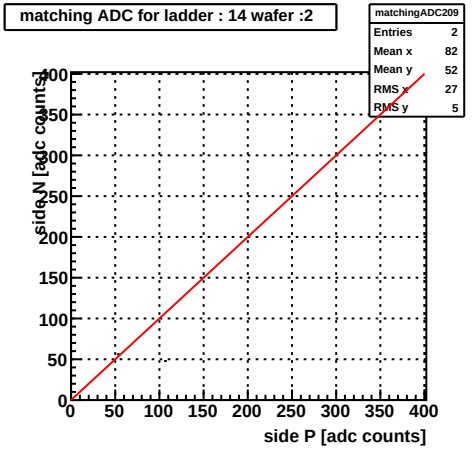

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 10
Mean x 55.75
Mean y 67.25
RMS x 52.07
RMS y 40.22
side N [adc counts]
side P [adc counts]

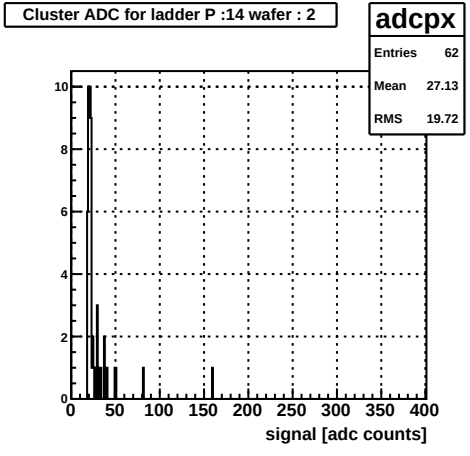

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 24
Mean 48.08
RMS 45.34
signal [adc counts]

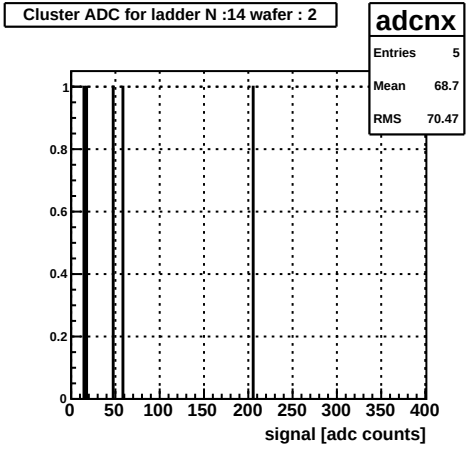

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 45
Mean 29.77
RMS 25.57
signal [adc counts]

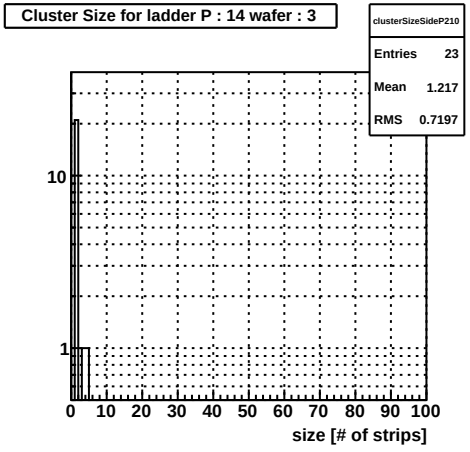

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 62
Mean 1.048
RMS 0.2146
size [# of strips]

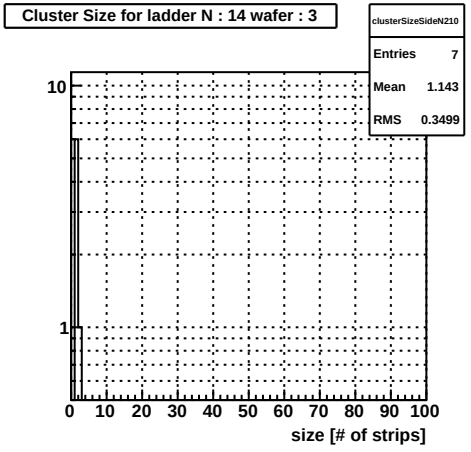

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 5
Mean 1.4
RMS 0.4899
size [# of strips]

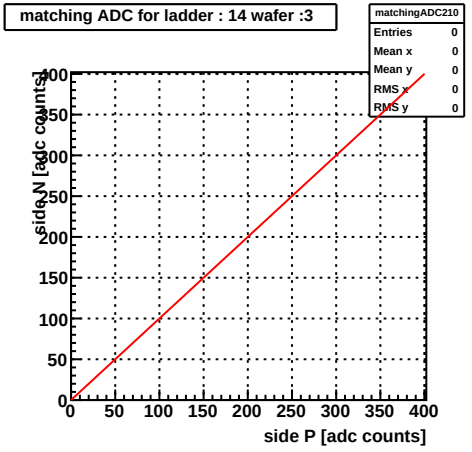

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 2
Mean x 82
Mean y 52
RMS x 27
RMS y 5
side N [adc counts]
side P [adc counts]

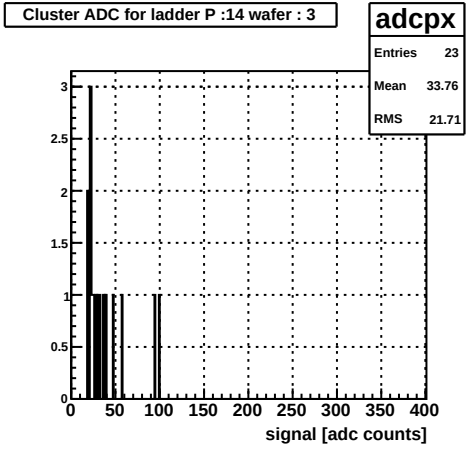

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 62
Mean 27.13
RMS 19.72
signal [adc counts]

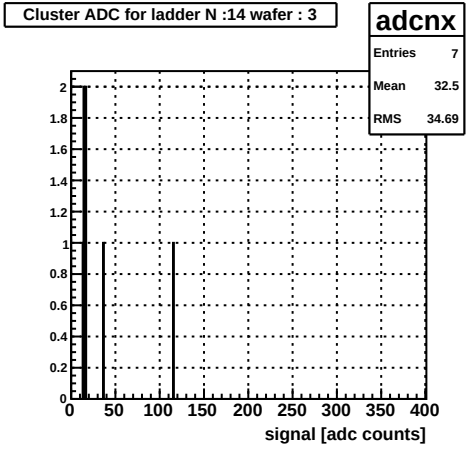

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 5
Mean 68.7
RMS 70.47
signal [adc counts]

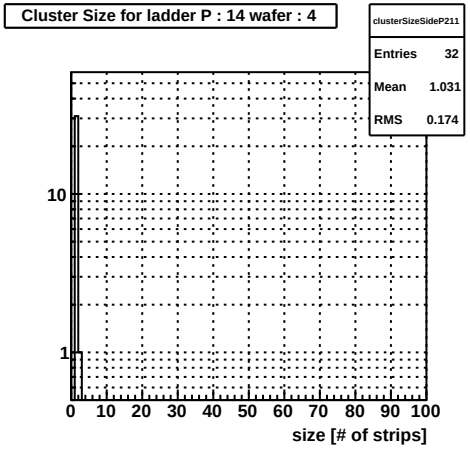

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 23
Mean 1.217
RMS 0.7197
size [# of strips]

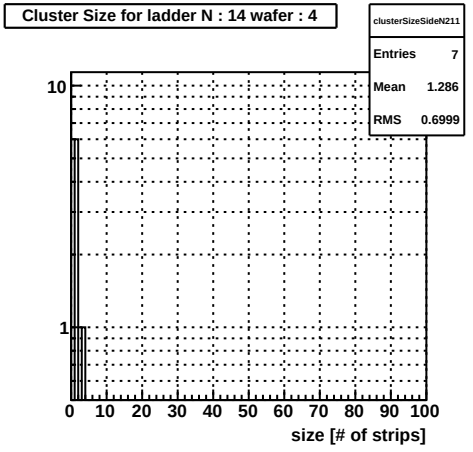

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

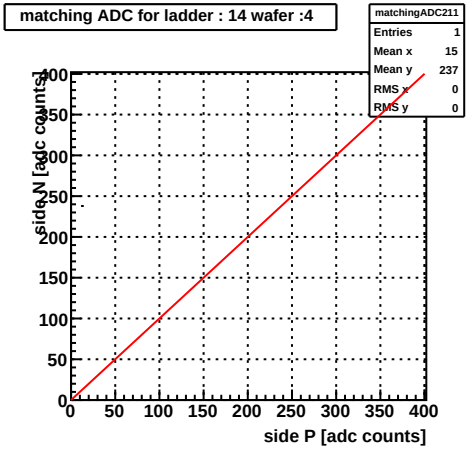

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

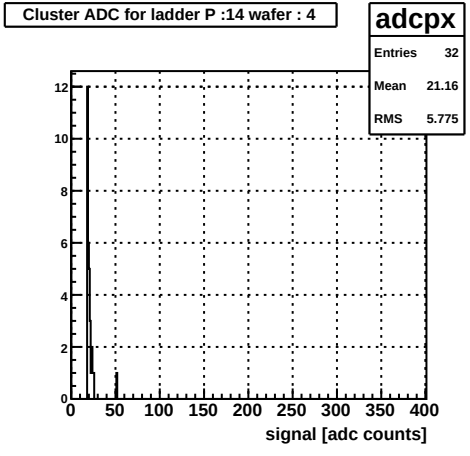

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 23
Mean 33.76
RMS 21.71
signal [adc counts]

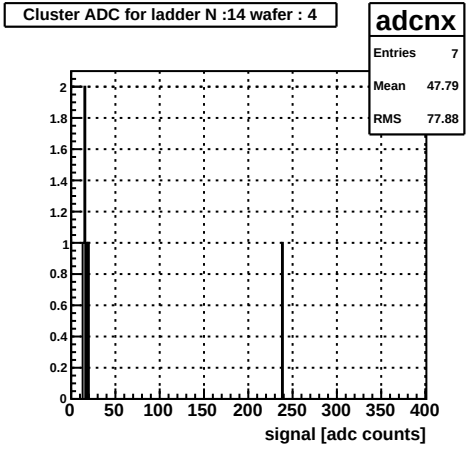

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 7
Mean 32.5
RMS 34.69
signal [adc counts]

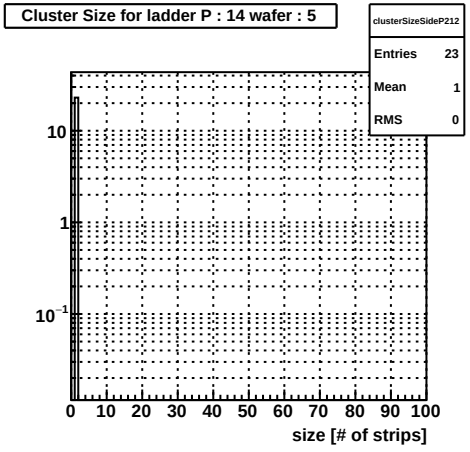

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 32
Mean 1.031
RMS 0.174
size [# of strips]

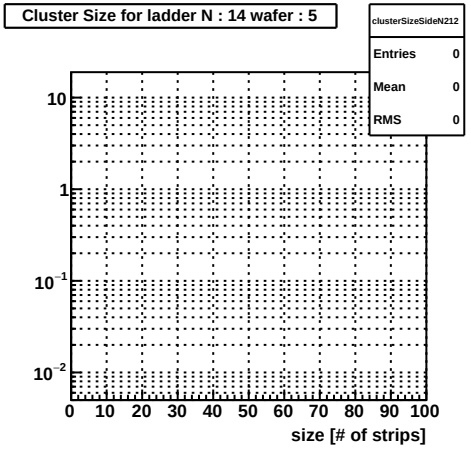

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7
Mean 1.286
RMS 0.6999
size [# of strips]

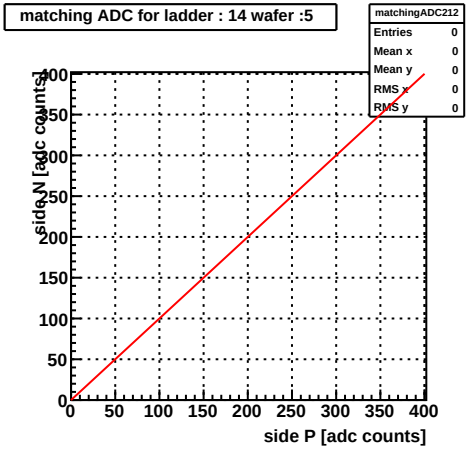

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1
Mean x 15
Mean y 237
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

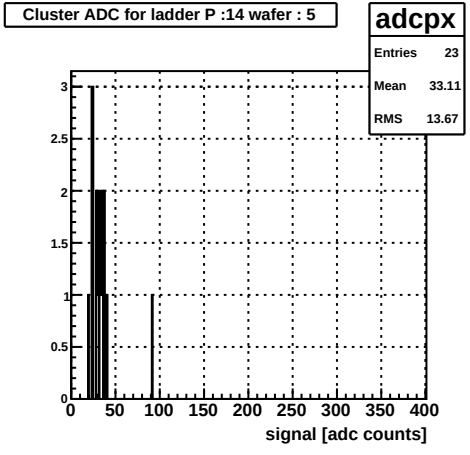

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 32
Mean 21.16
RMS 5.775
signal [adc counts]

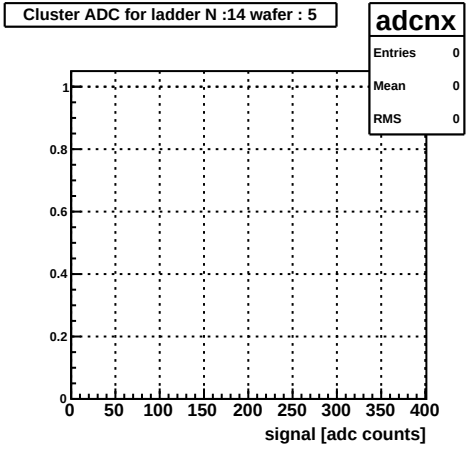

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7
Mean 47.79
RMS 77.88
signal [adc counts]

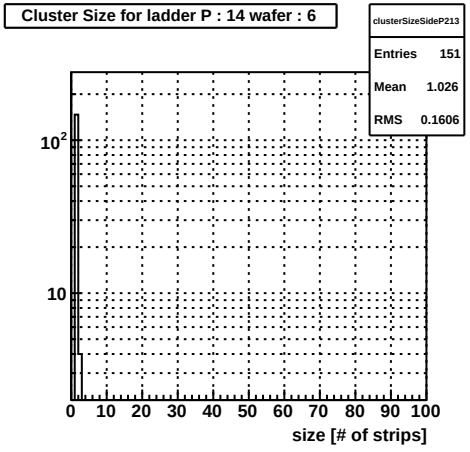

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 23
Mean 1
RMS 0
size [# of strips]

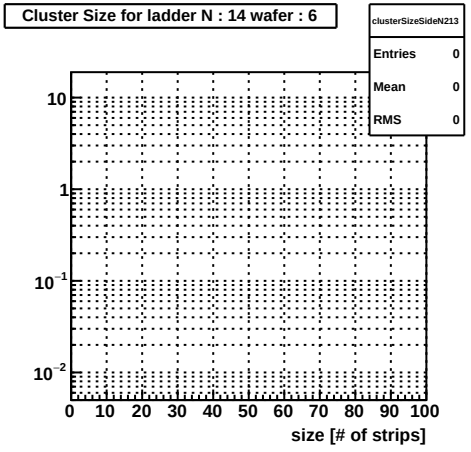

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

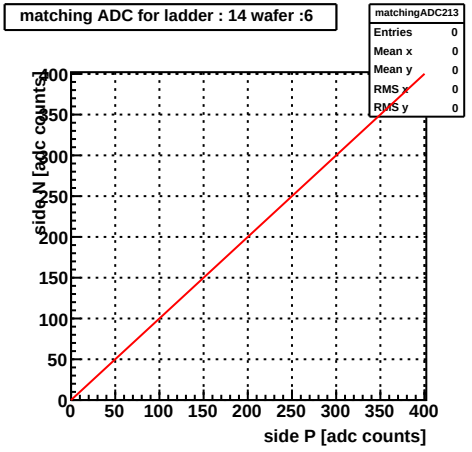

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

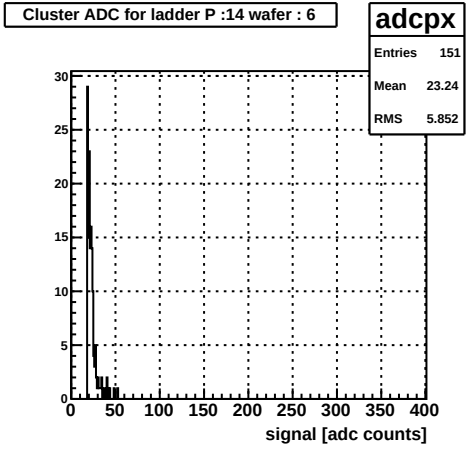

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 23
Mean 33.11
RMS 13.67
signal [adc counts]

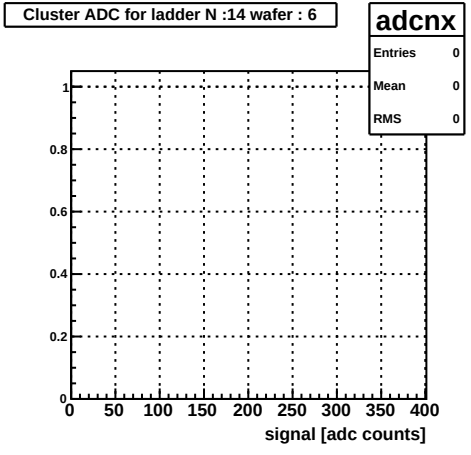

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

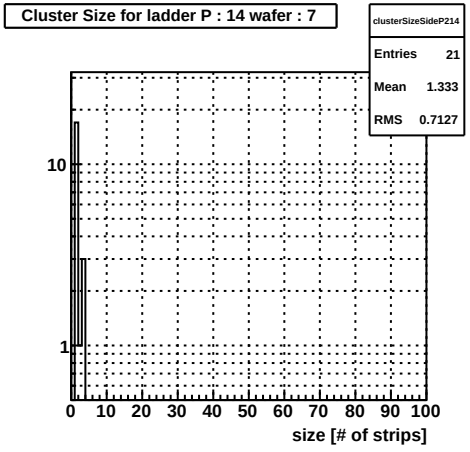

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 151
Mean 1.026
RMS 0.1606
size [# of strips]

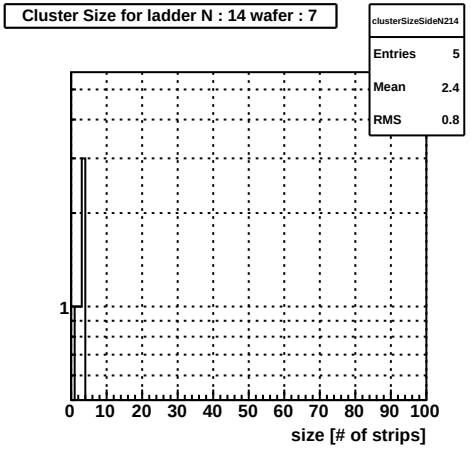

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 0
Mean 0
RMS 0
size [# of strips]

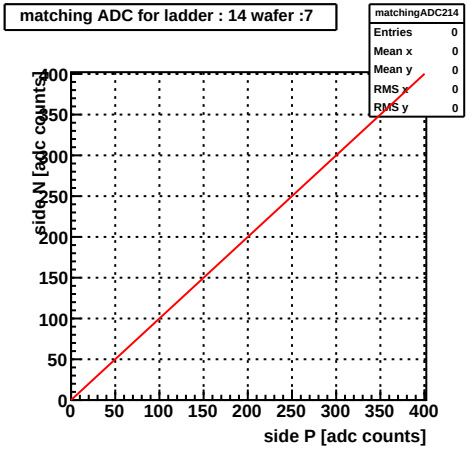

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

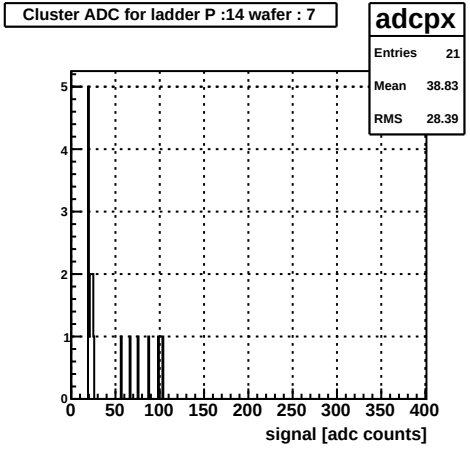

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 151
Mean 23.24
RMS 5.852
signal [adc counts]

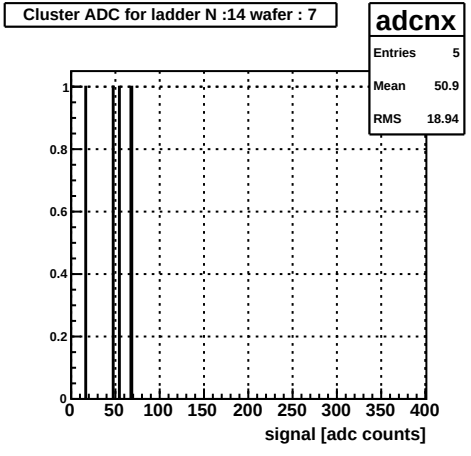

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

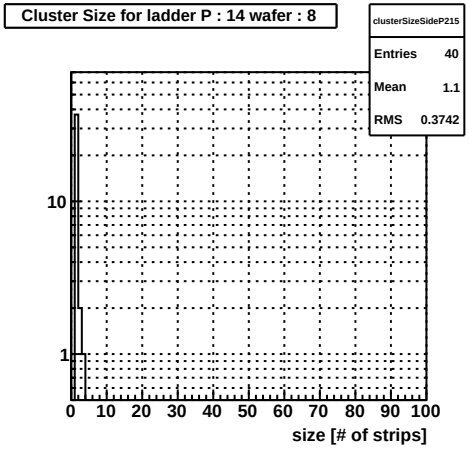

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 21
Mean 1.333
RMS 0.7127
size [# of strips]

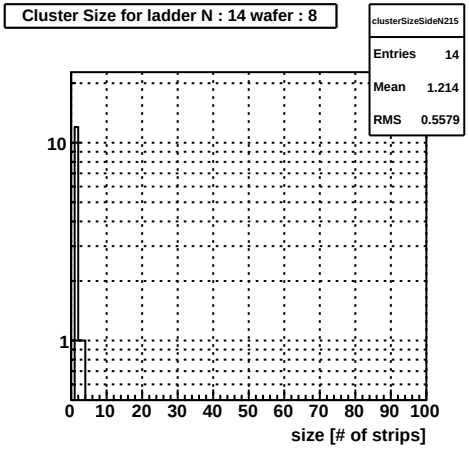

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5
Mean 2.4
RMS 0.8
size [# of strips]

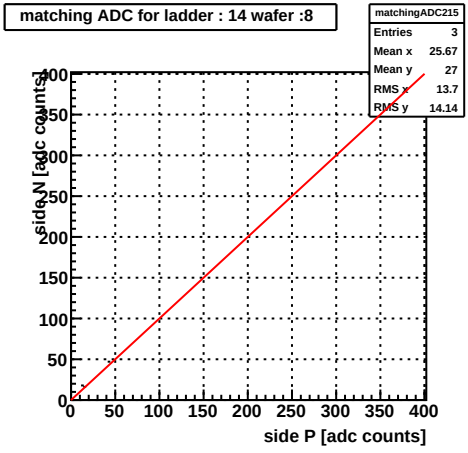

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

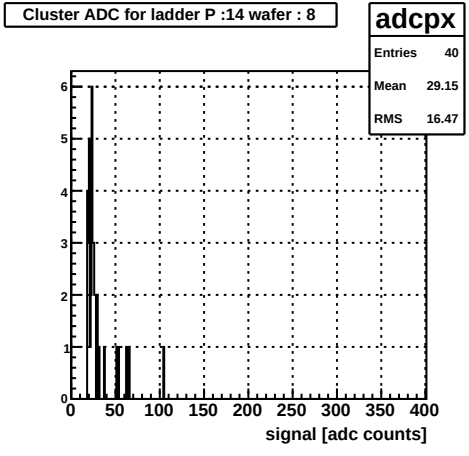

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 21
Mean 38.83
RMS 28.39
signal [adc counts]

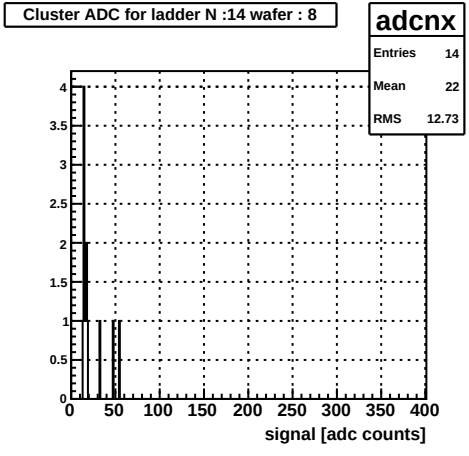

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5
Mean 50.9
RMS 18.94
signal [adc counts]

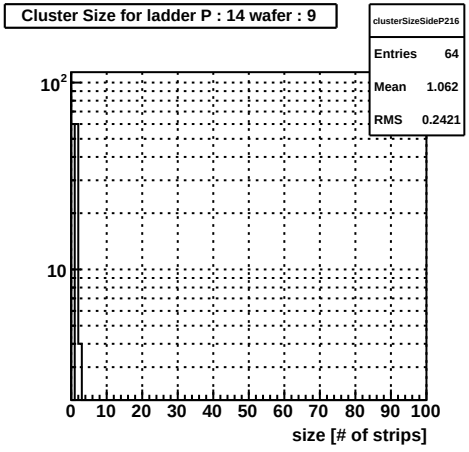

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 40
Mean 1.1
RMS 0.3742
size [# of strips]

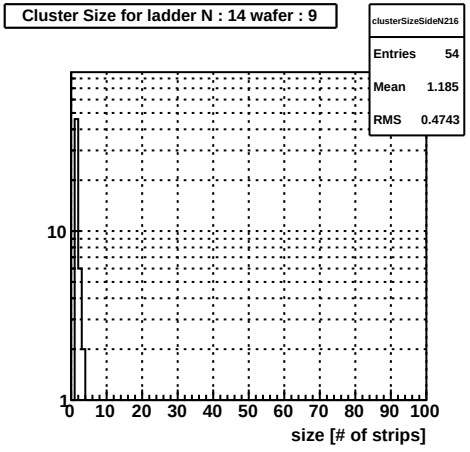

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 14
Mean 1.214
RMS 0.5579
size [# of strips]

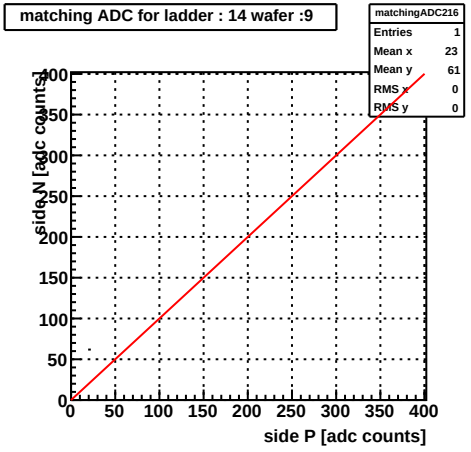

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 3
Mean x 25.67
Mean y 27
RMS x 13.7
RMS y 14.14
side N [adc counts]
side P [adc counts]

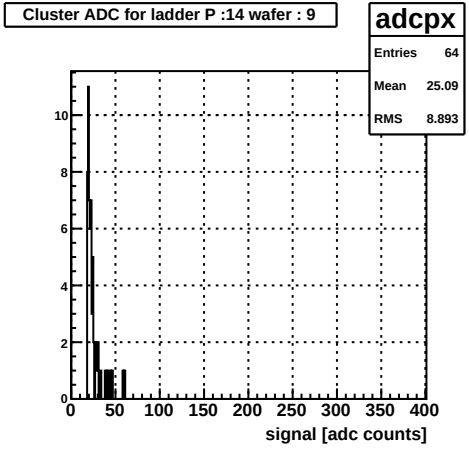

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 40
Mean 29.15
RMS 16.47
signal [adc counts]

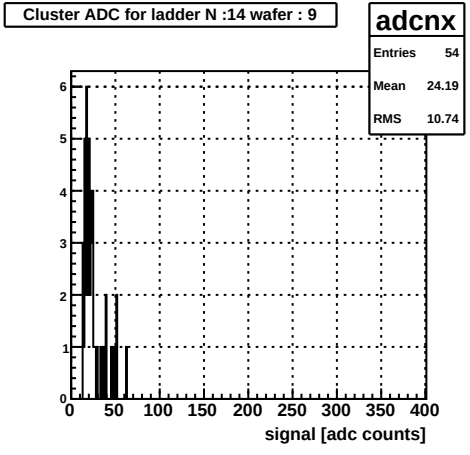

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 14
Mean 22
RMS 12.73
signal [adc counts]

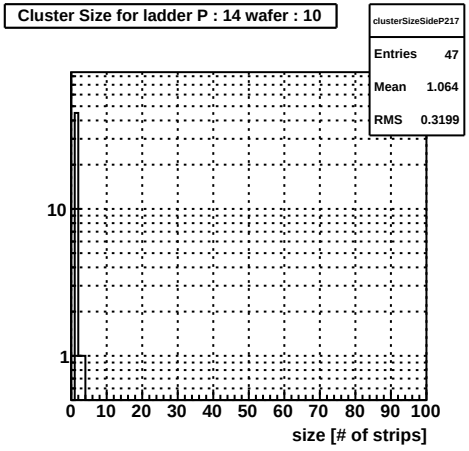

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 64
Mean 1.062
RMS 0.2421
size [# of strips]

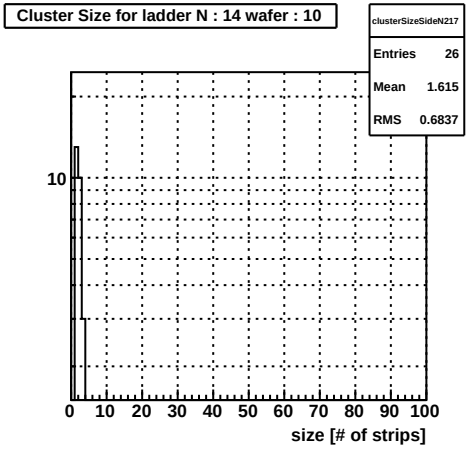

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 54
Mean 1.185
RMS 0.4743
size [# of strips]

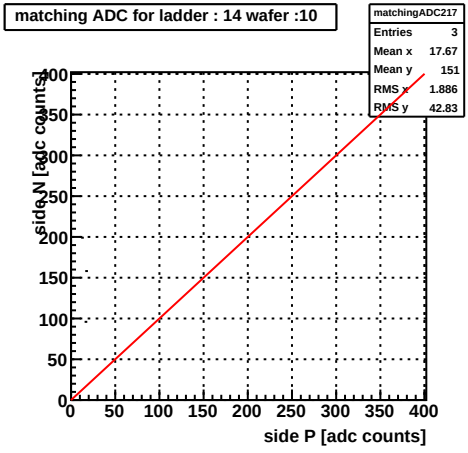

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1
Mean x 23
Mean y 61
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

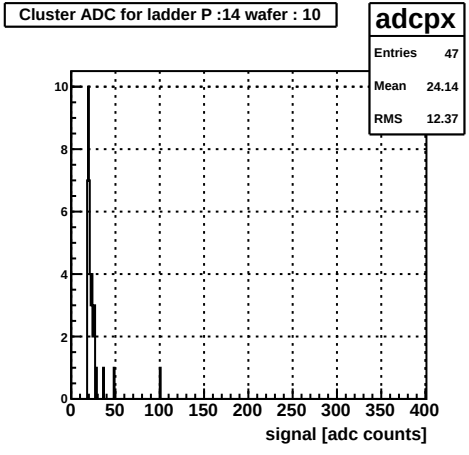

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 64
Mean 25.09
RMS 8.893
signal [adc counts]

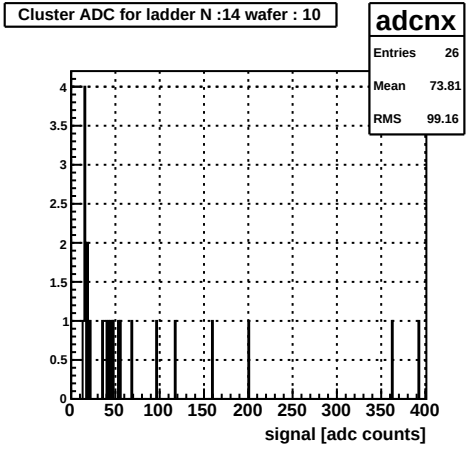

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 54
Mean 24.19
RMS 10.74
signal [adc counts]

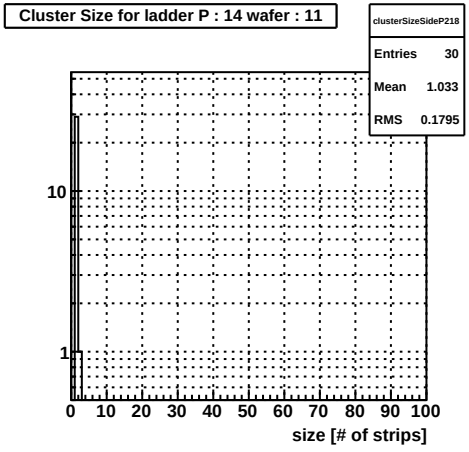

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 47
Mean 1.064
RMS 0.3199
size [# of strips]

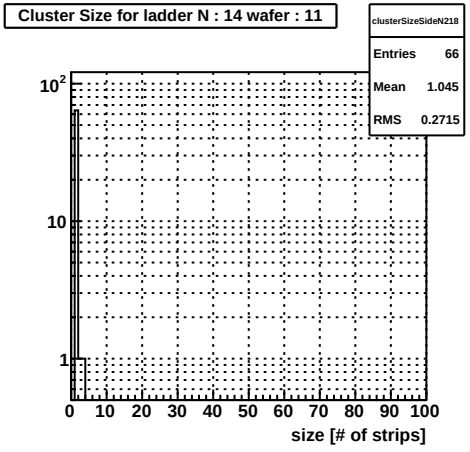

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 26
Mean 1.615
RMS 0.6837
size [# of strips]

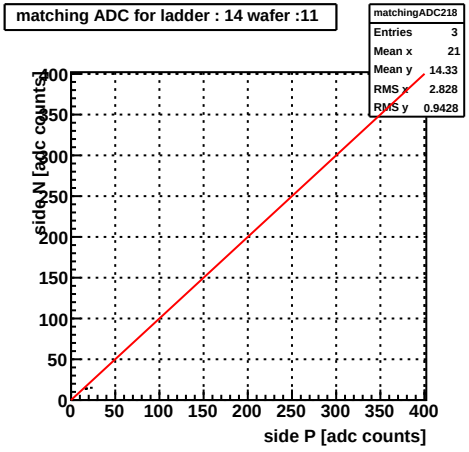

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 3
Mean x 17.67
Mean y 151
RMS x 1.886
RMS y 42.83
side N [adc counts]
side P [adc counts]

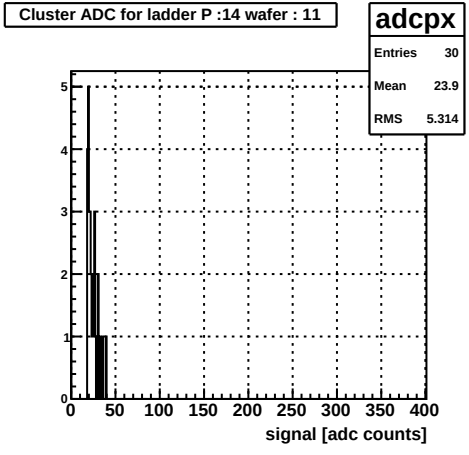

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 47
Mean 24.14
RMS 12.37
signal [adc counts]

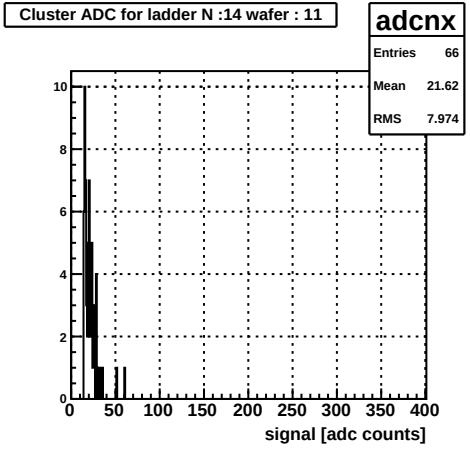

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 26
Mean 73.81
RMS 99.16
signal [adc counts]

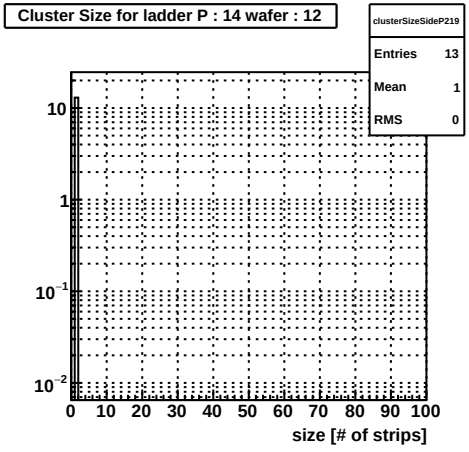

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 30
Mean 1.033
RMS 0.1795
size [# of strips]

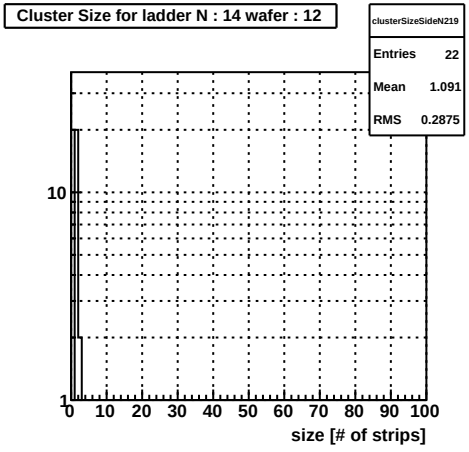

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 66
Mean 1.045
RMS 0.2715
size [# of strips]

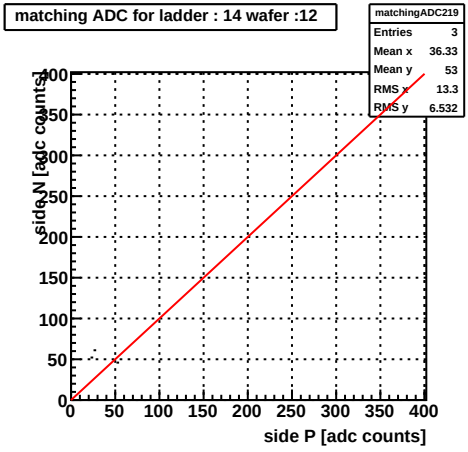

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 3
Mean x 21
Mean y 14.33
RMS x 2.828
RMS y 0.9428
side N [adc counts]
side P [adc counts]

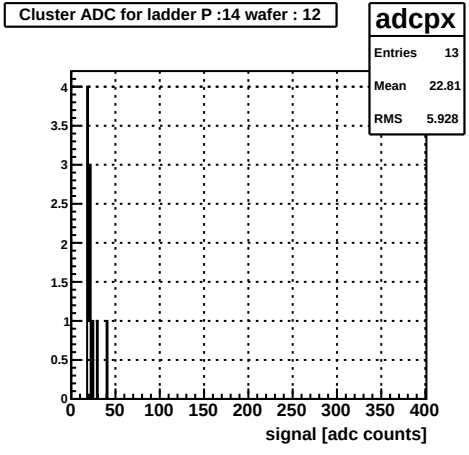

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 30
Mean 23.9
RMS 5.314
signal [adc counts]

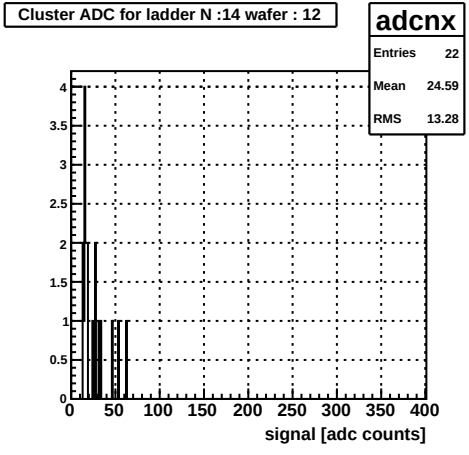

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 66
Mean 21.62
RMS 7.974
signal [adc counts]

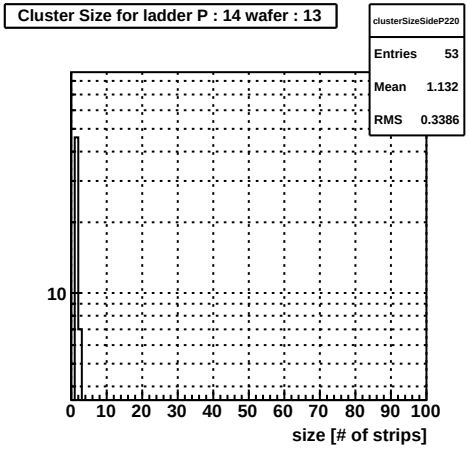

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 13
Mean 1
RMS 0
size [# of strips]

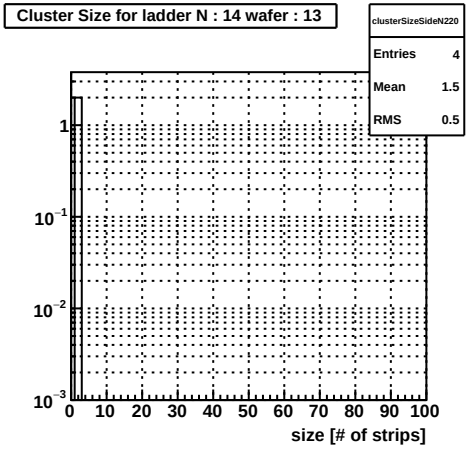

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 22
Mean 1.091
RMS 0.2875
size [# of strips]

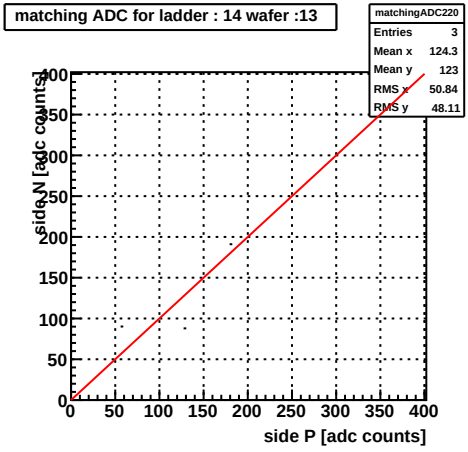

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 3
Mean x 36.33
Mean y 53
RMS x 13.3
RMS y 6.532
side N [adc counts]
side P [adc counts]

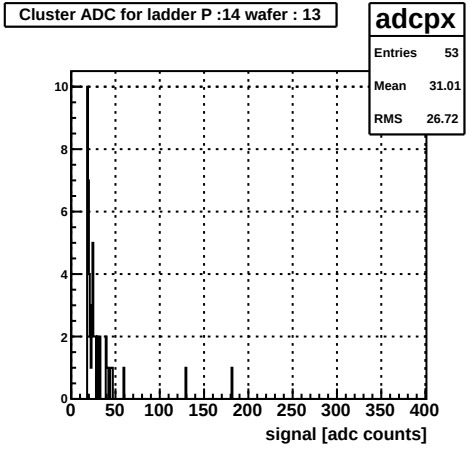

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 13
Mean 22.81
RMS 5.928
signal [adc counts]

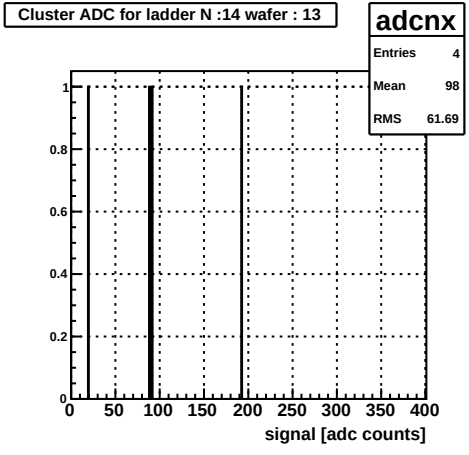

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 22
Mean 24.59
RMS 13.28
signal [adc counts]

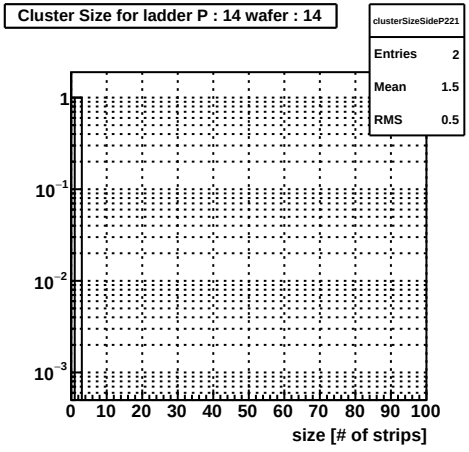

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 53
Mean 1.132
RMS 0.3386
size [# of strips]

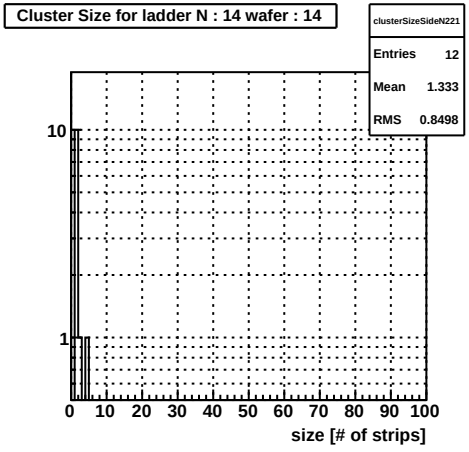

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 4
Mean 1.5
RMS 0.5
size [# of strips]

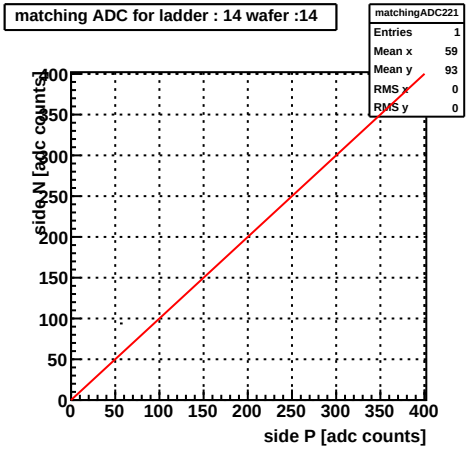

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 3
Mean x 124.3
Mean y 123
RMS x 50.84
RMS y 48.11
side N [adc counts]
side P [adc counts]

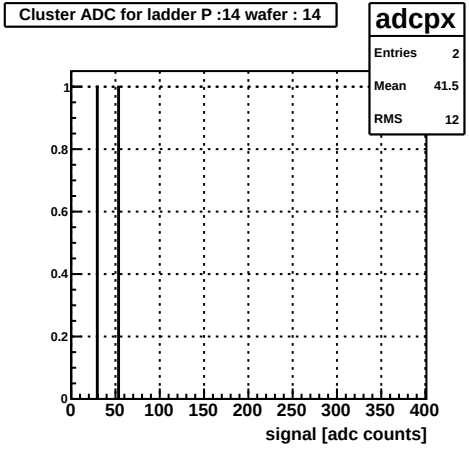

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 53
Mean 31.01
RMS 26.72
signal [adc counts]

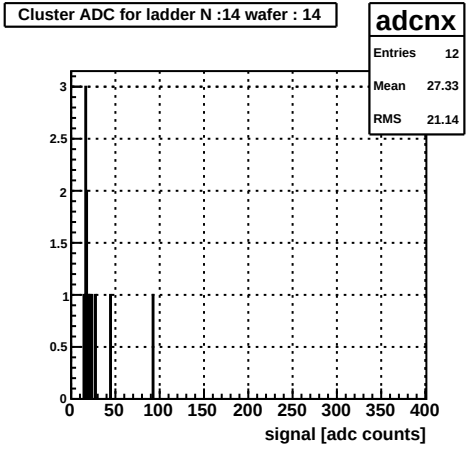

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 4
Mean 98
RMS 61.69
signal [adc counts]

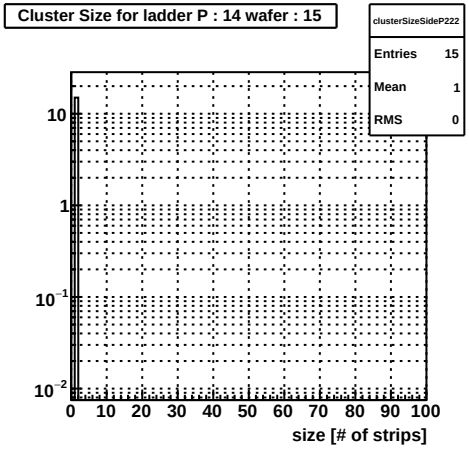

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

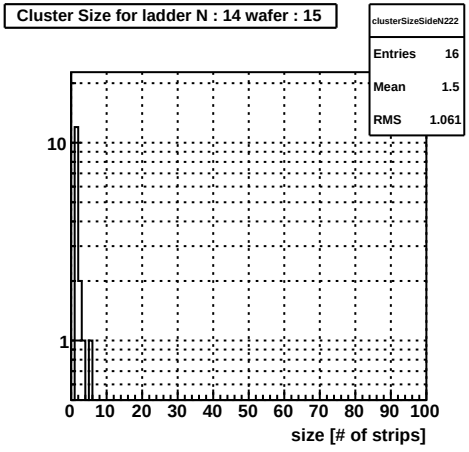

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 12
Mean 1.333
RMS 0.8498
size [# of strips]

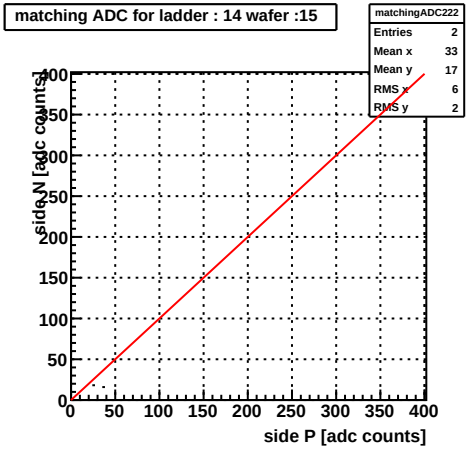

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1
Mean x 59
Mean y 93
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

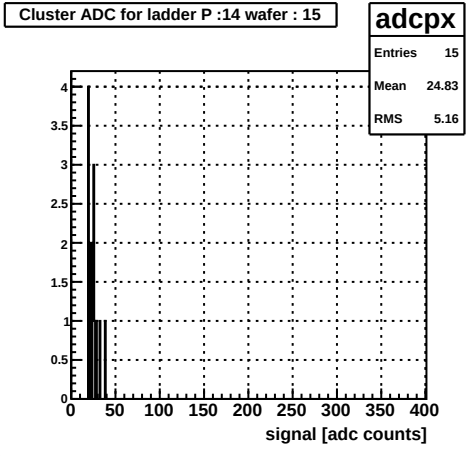

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 2
Mean 41.5
RMS 12
signal [adc counts]

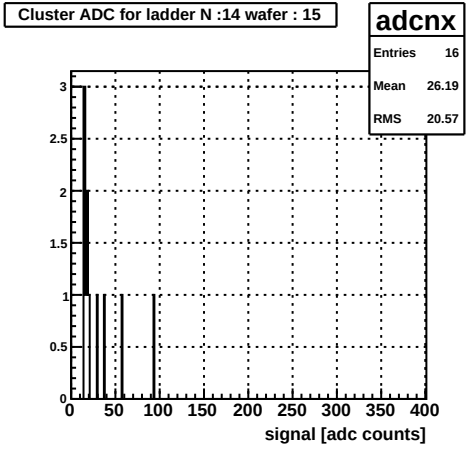

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 12
Mean 27.33
RMS 21.14
signal [adc counts]

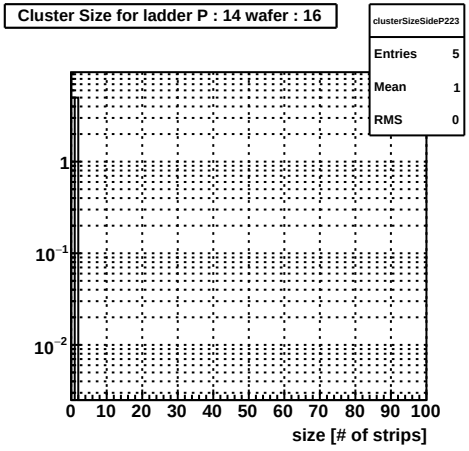

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 15
Mean 1
RMS 0
size [# of strips]

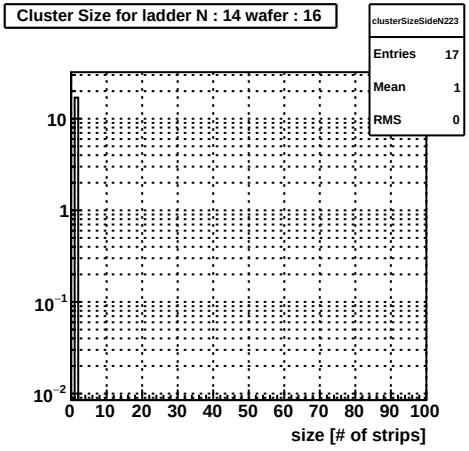

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 16
Mean 1.5
RMS 1.061
size [# of strips]

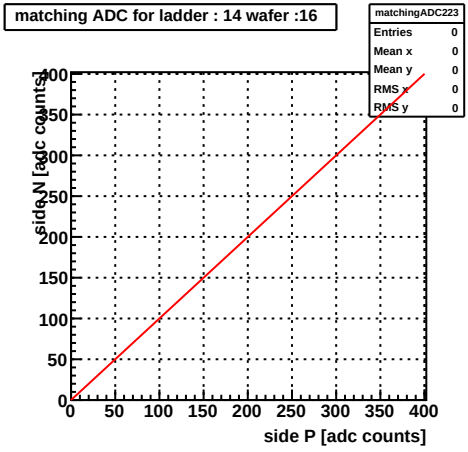

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 2
Mean x 33
Mean y 17
RMS x 6
RMS y 2
side N [adc counts]
side P [adc counts]

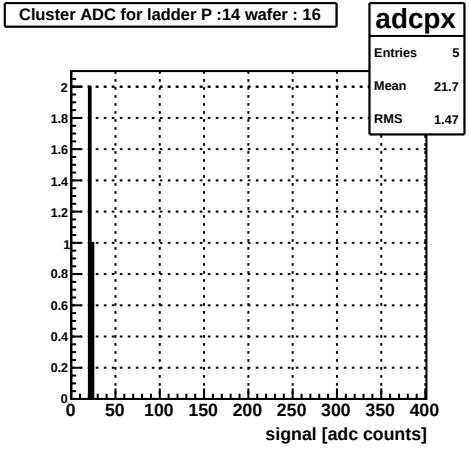

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 15
Mean 24.83
RMS 5.16
signal [adc counts]

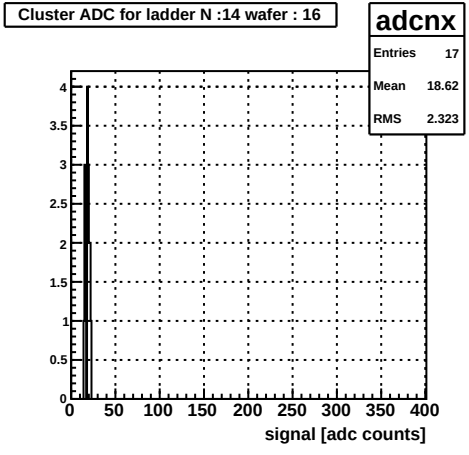

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 16
Mean 26.19
RMS 20.57
signal [adc counts]

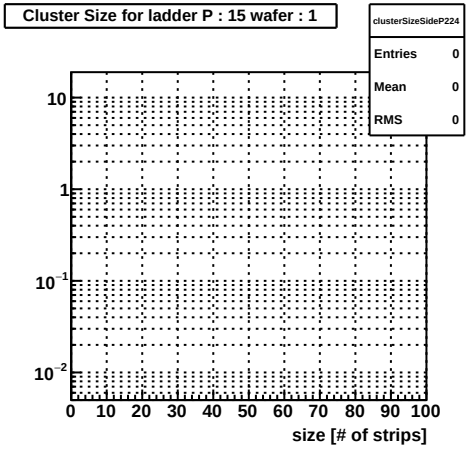

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 5
Mean 1
RMS 0
size [# of strips]

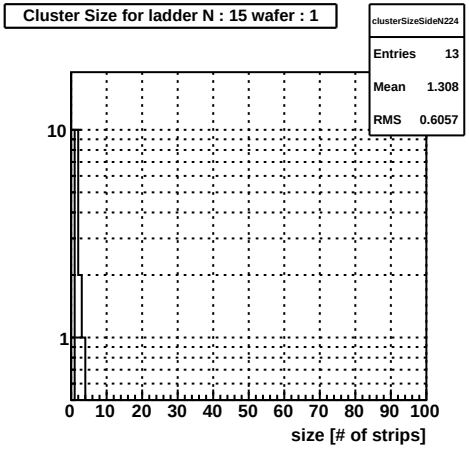

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 17
Mean 1
RMS 0
size [# of strips]

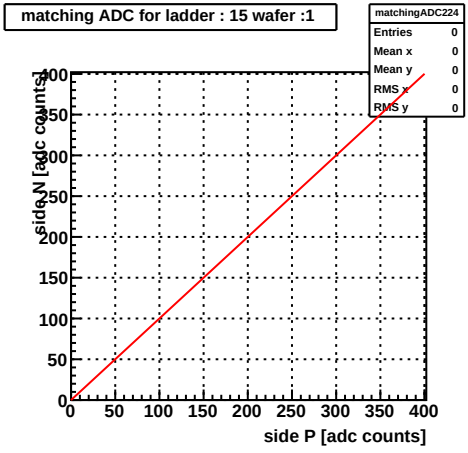

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

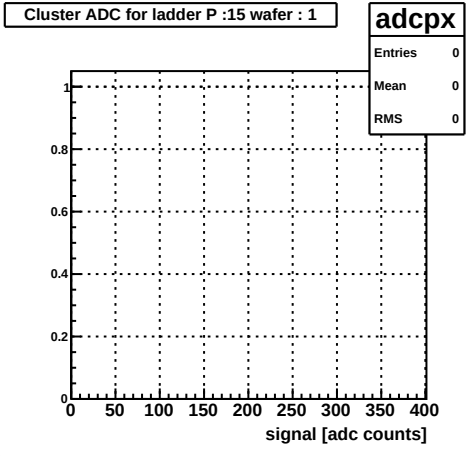

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 5
Mean 21.7
RMS 1.47
signal [adc counts]

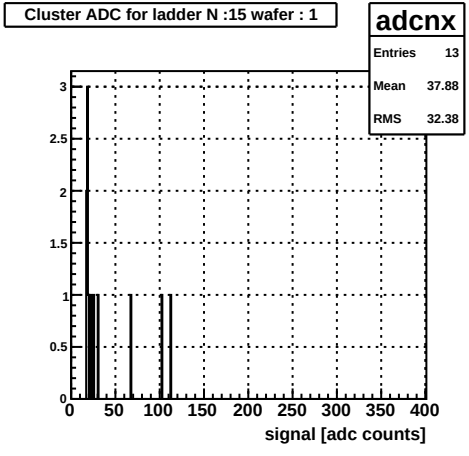

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 17
Mean 18.62
RMS 2.323
signal [adc counts]

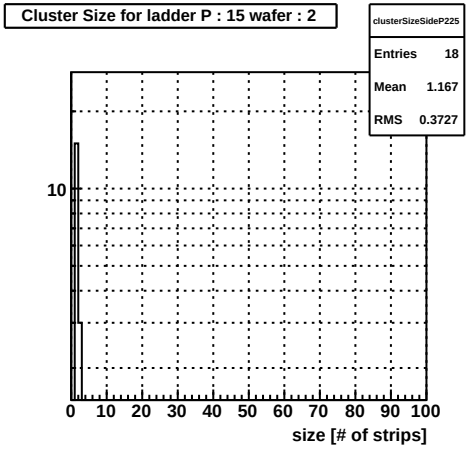

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

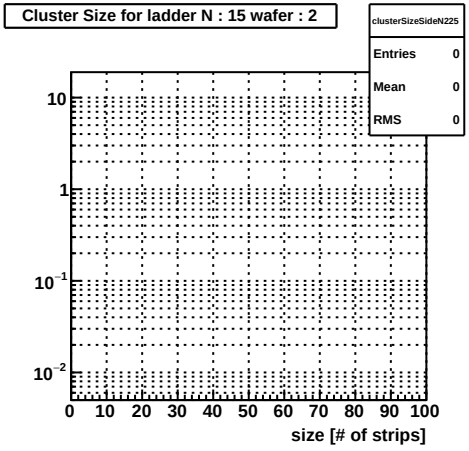

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 13
Mean 1.308
RMS 0.6057
size [# of strips]

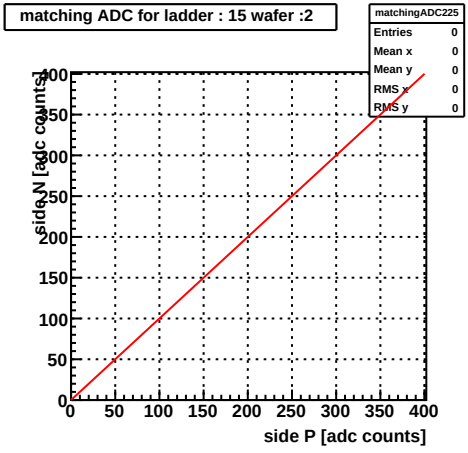

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

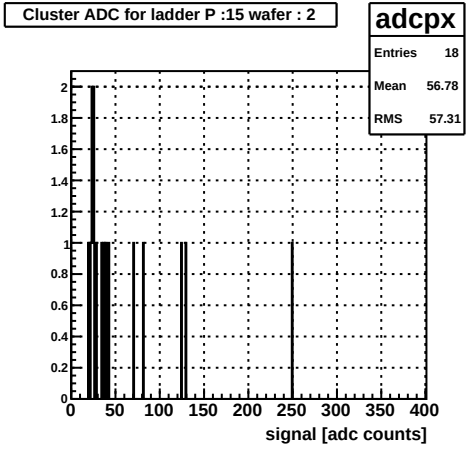

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

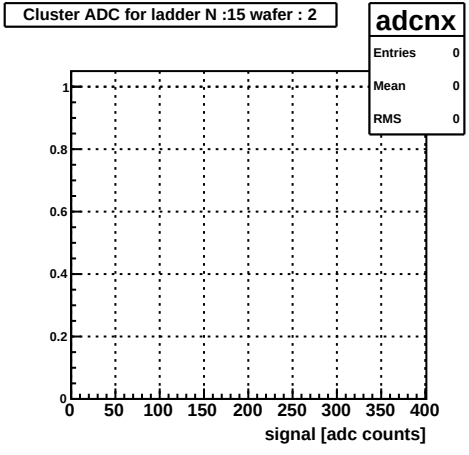

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 13
Mean 37.88
RMS 32.38
signal [adc counts]

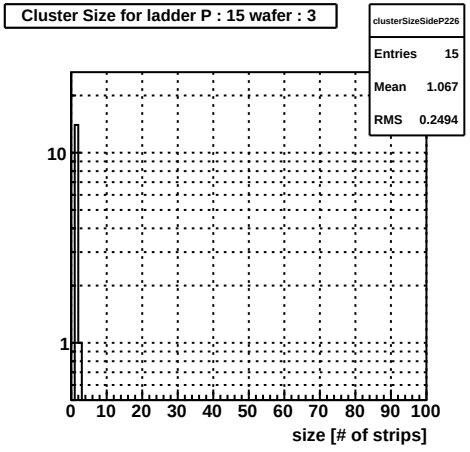

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

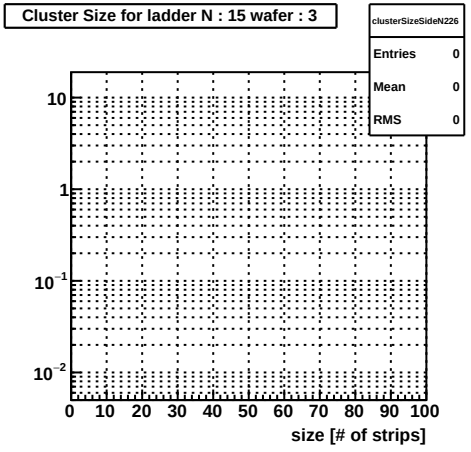

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

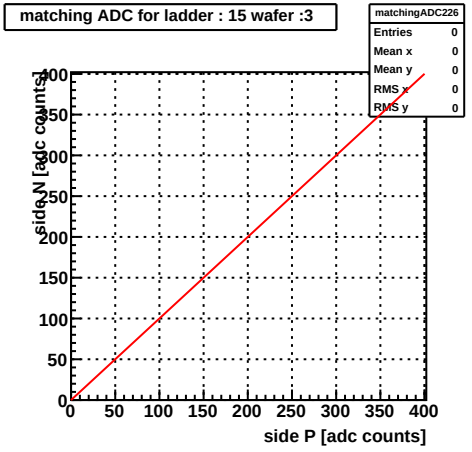

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

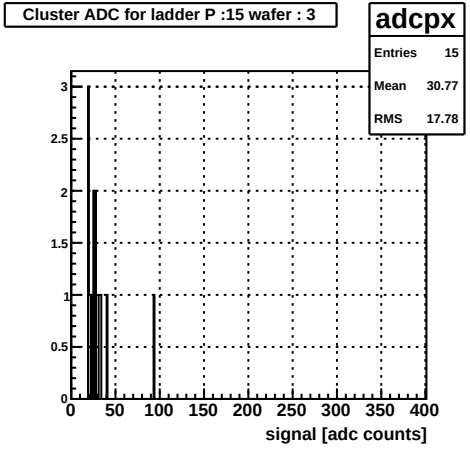

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 18
Mean 56.78
RMS 57.31
signal [adc counts]

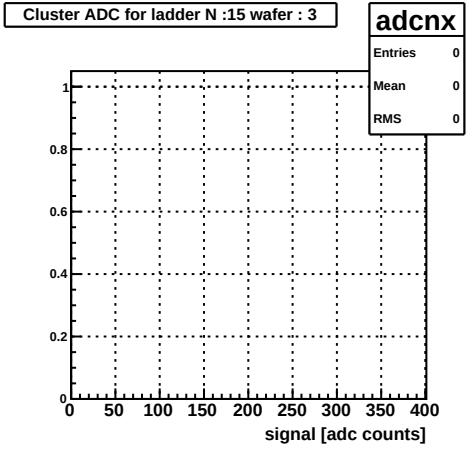

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

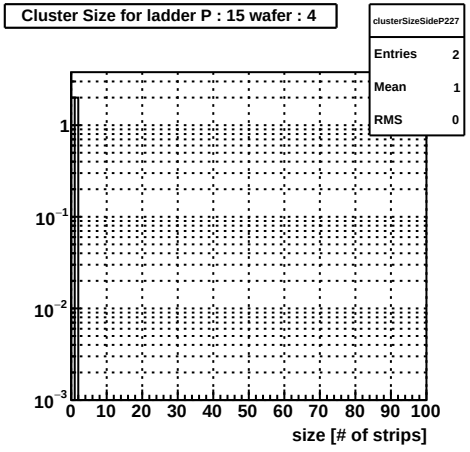

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 15
Mean 1.067
RMS 0.2494
size [# of strips]

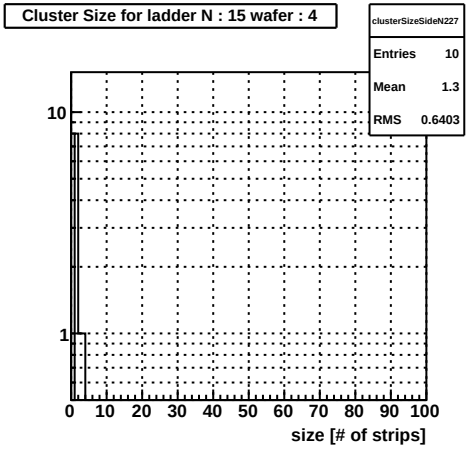

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

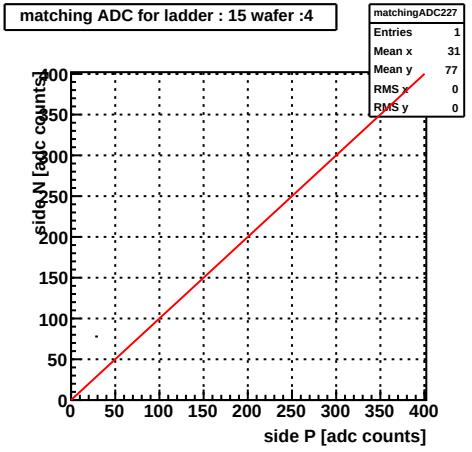

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

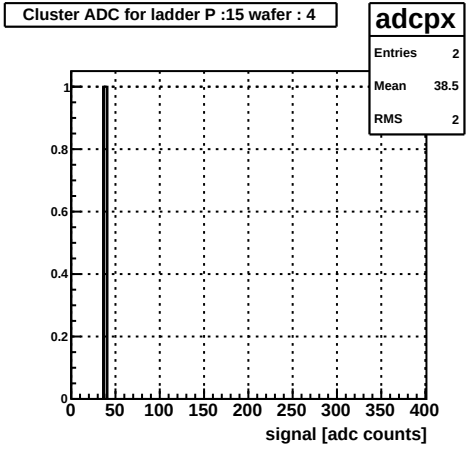

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 15
Mean 30.77
RMS 17.78
signal [adc counts]

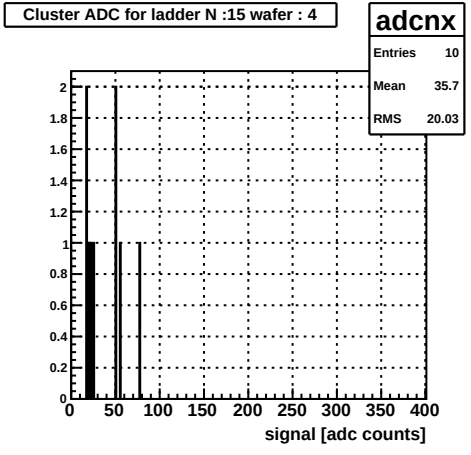

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

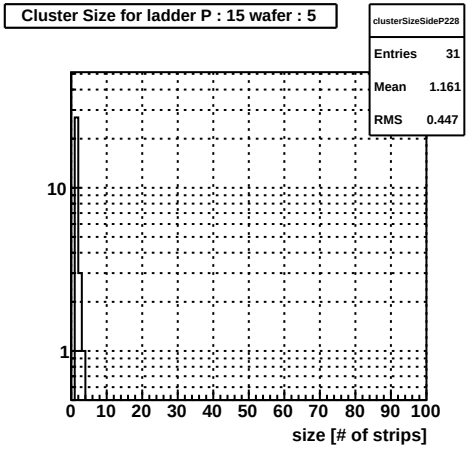

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 2
Mean 1
RMS 0
size [# of strips]

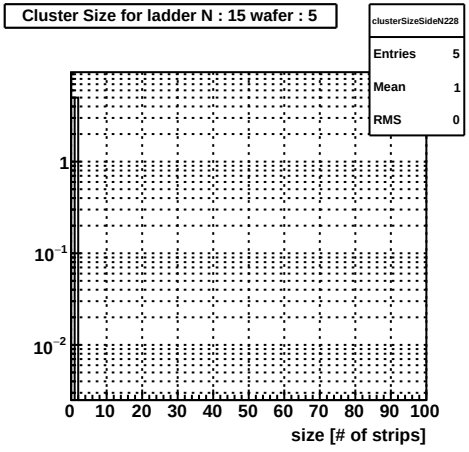

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 10
Mean 1.3
RMS 0.6403
size [# of strips]

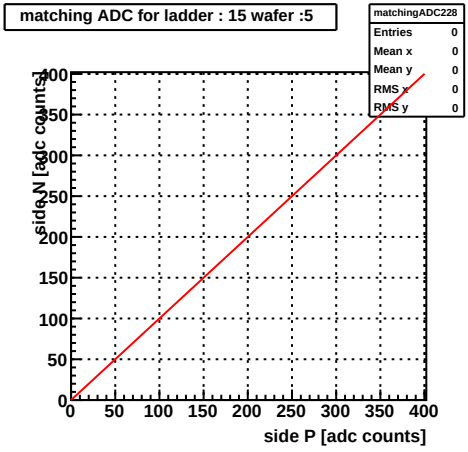

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 1
Mean x 31
Mean y 77
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

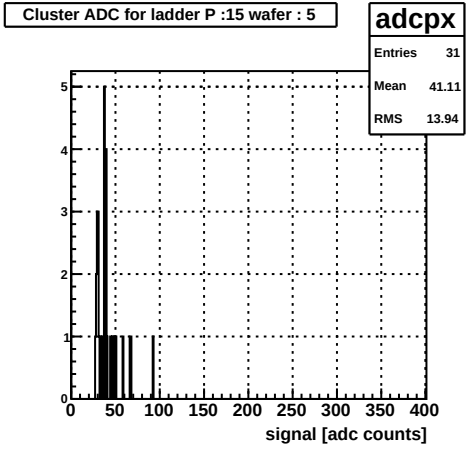

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 2
Mean 38.5
RMS 2
signal [adc counts]

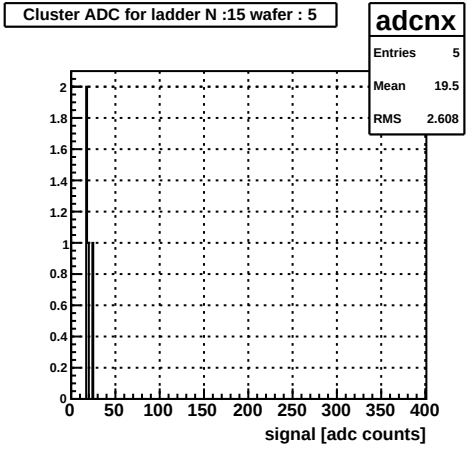

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 10
Mean 35.7
RMS 20.03
signal [adc counts]

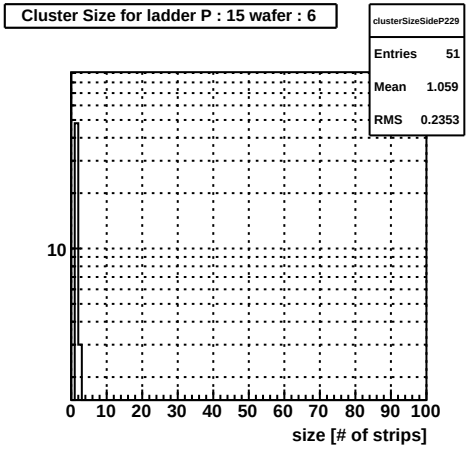

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 31
Mean 1.161
RMS 0.447
size [# of strips]

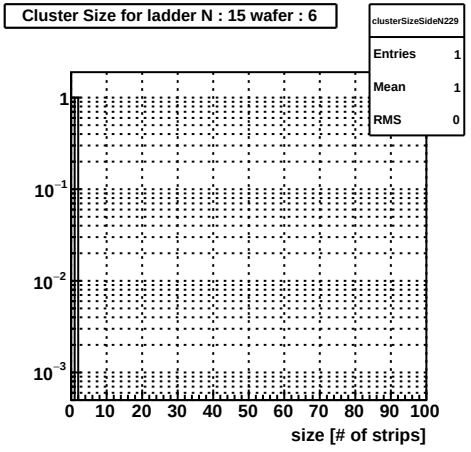

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5
Mean 1
RMS 0
size [# of strips]

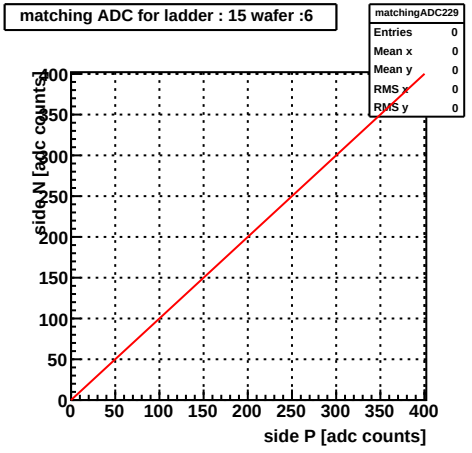

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

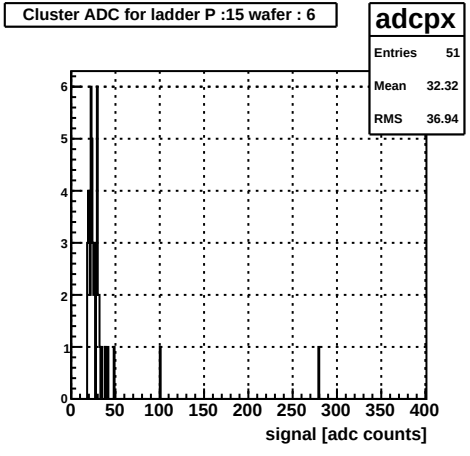

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 31
Mean 41.11
RMS 13.94
signal [adc counts]

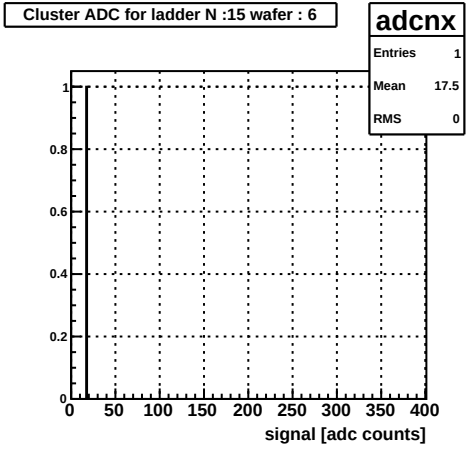

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5
Mean 19.5
RMS 2.608
signal [adc counts]

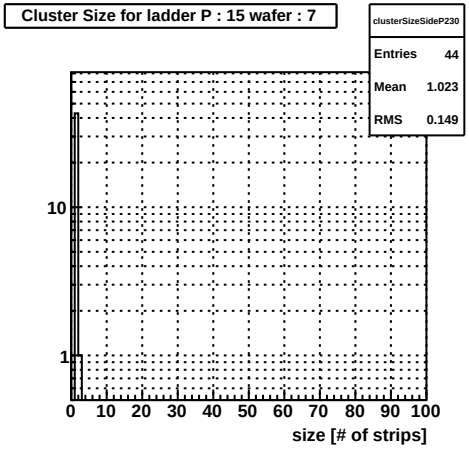

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 51
Mean 1.059
RMS 0.2353
size [# of strips]

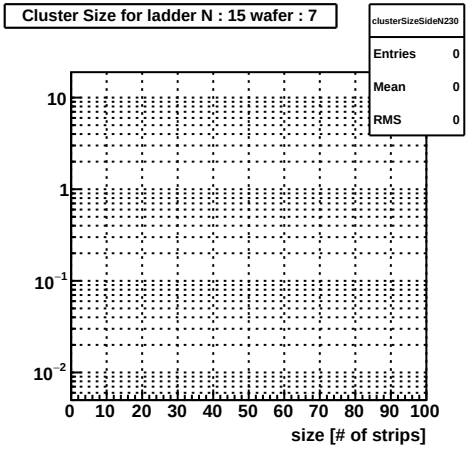

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1
Mean 1
RMS 0
size [# of strips]

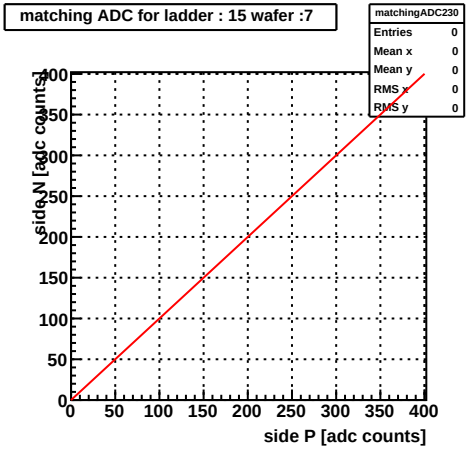

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

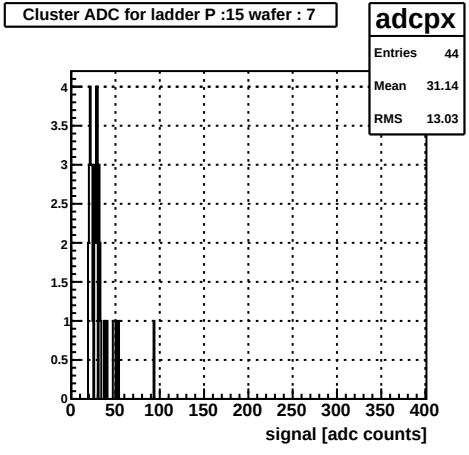

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 51
Mean 32.32
RMS 36.94
signal [adc counts]

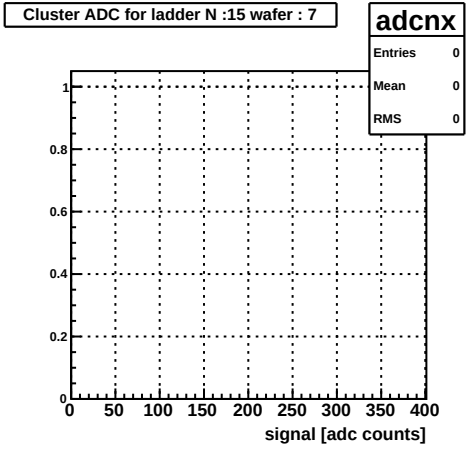

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1
Mean 17.5
RMS 0
signal [adc counts]

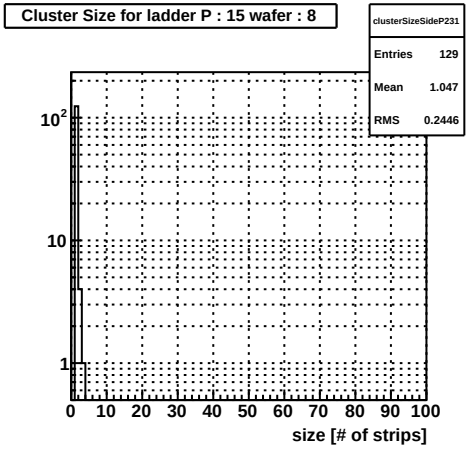

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 44
Mean 1.023
RMS 0.149
size [# of strips]

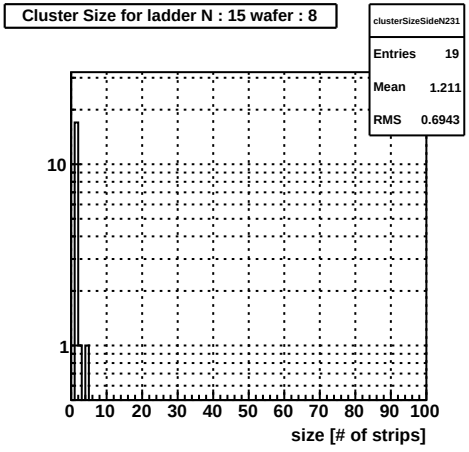

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

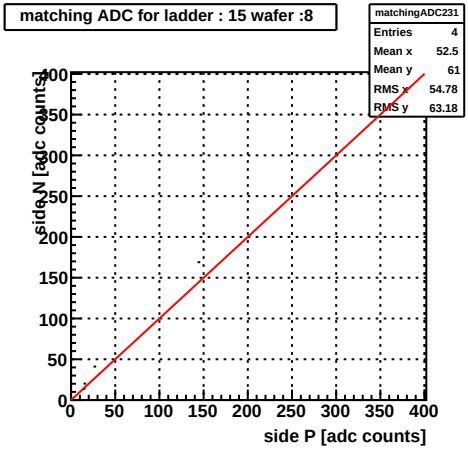

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

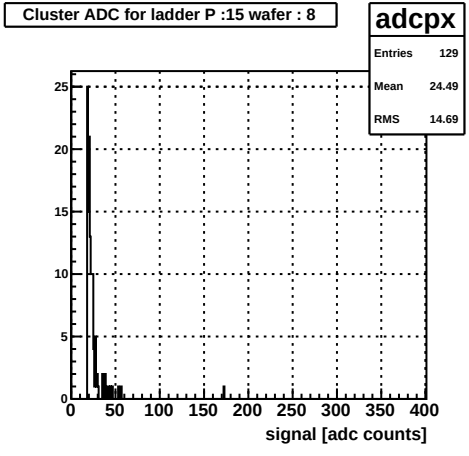

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 44
Mean 31.14
RMS 13.03
signal [adc counts]

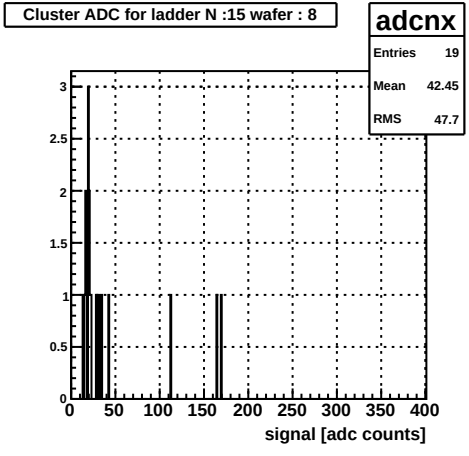

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

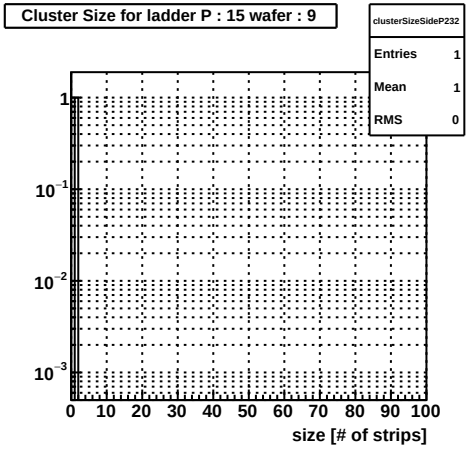

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 129
Mean 1.047
RMS 0.2446
size [# of strips]

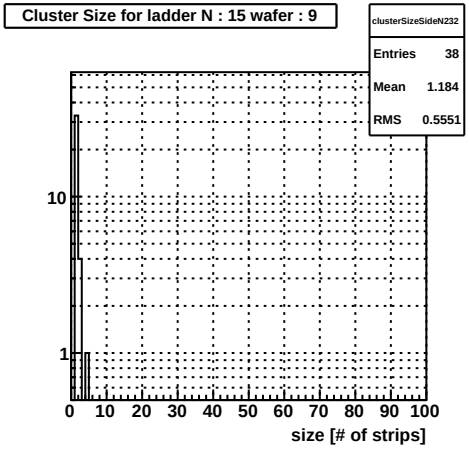

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 19
Mean 1.211
RMS 0.6943
size [# of strips]

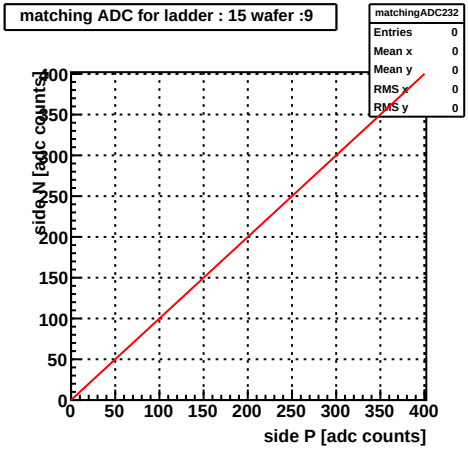

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 4
Mean x 52.5
Mean y 61
RMS x 54.78
RMS y 63.18
side N [adc counts]
side P [adc counts]

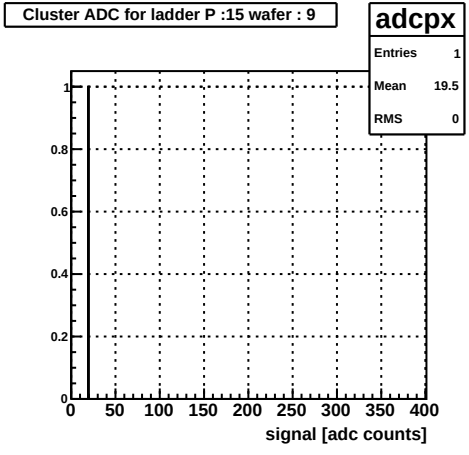

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 129
Mean 24.49
RMS 14.69
signal [adc counts]

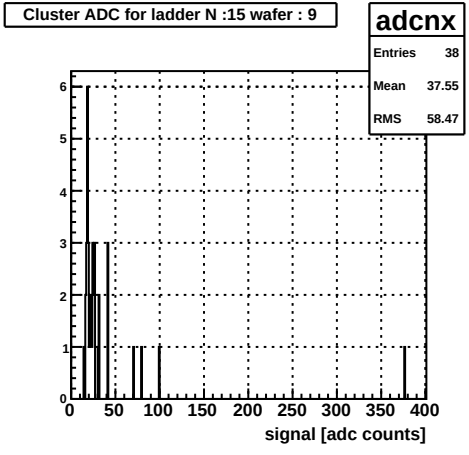

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 19
Mean 42.45
RMS 47.7
signal [adc counts]

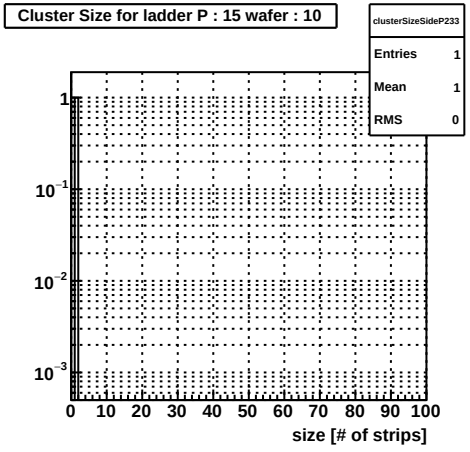

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1
Mean 1
RMS 0
size [# of strips]

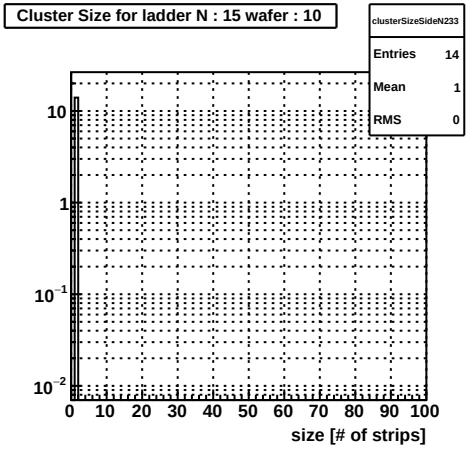

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 38
Mean 1.184
RMS 0.5551
size [# of strips]

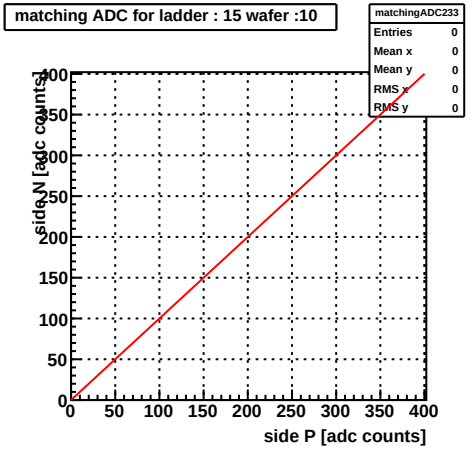

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

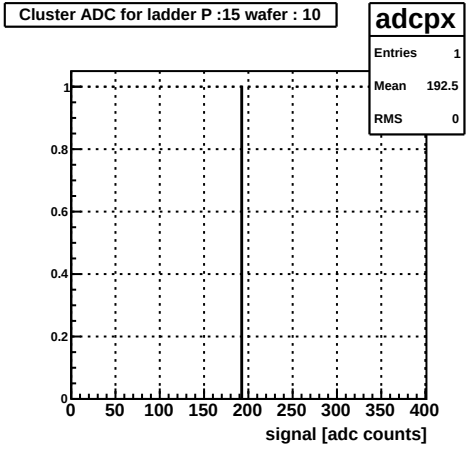

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1
Mean 19.5
RMS 0
signal [adc counts]

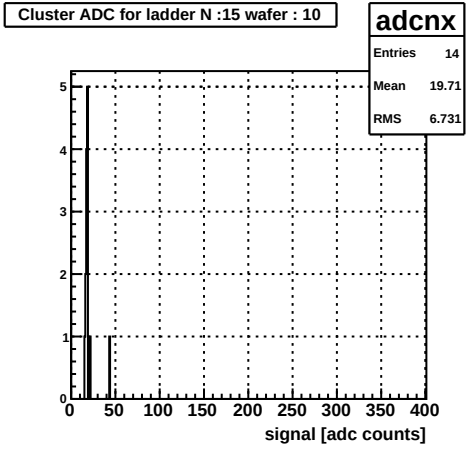

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 38
Mean 37.55
RMS 58.47
signal [adc counts]

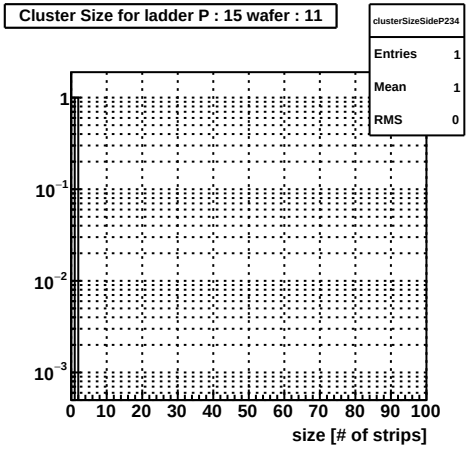

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 1
Mean 1
RMS 0
size [# of strips]

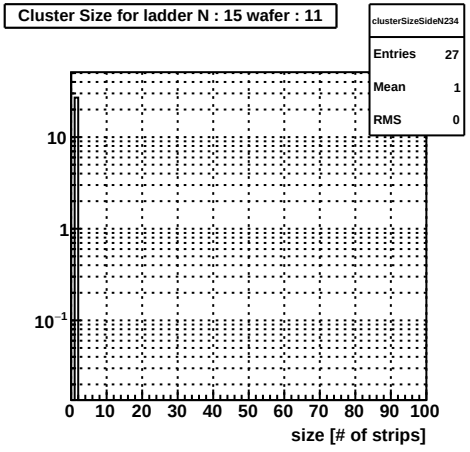

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 14
Mean 1
RMS 0
size [# of strips]

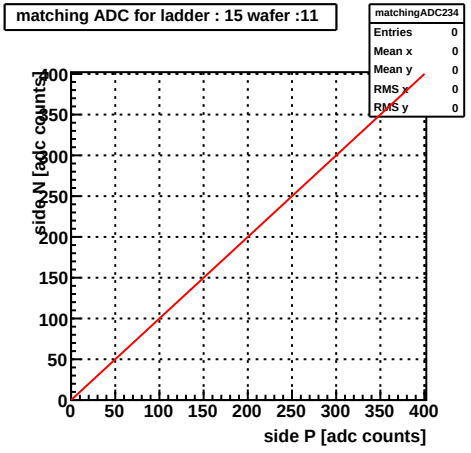

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

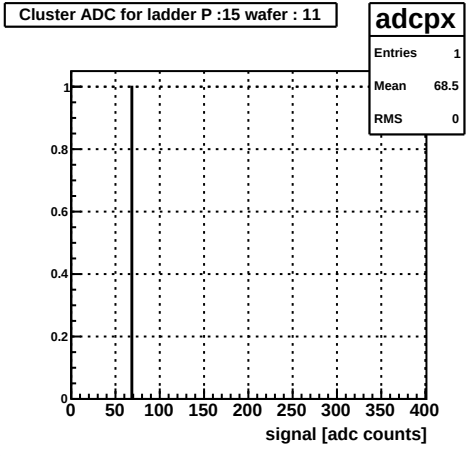

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 1
Mean 192.5
RMS 0
signal [adc counts]

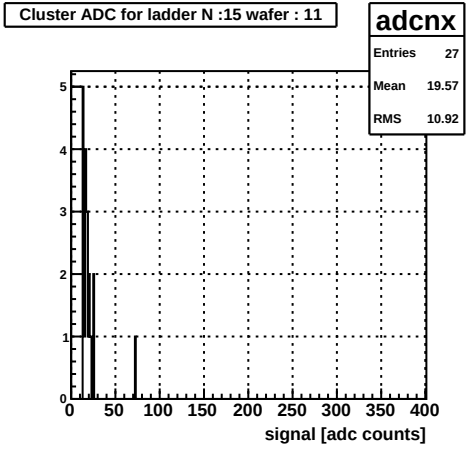

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 14
Mean 19.71
RMS 6.731
signal [adc counts]

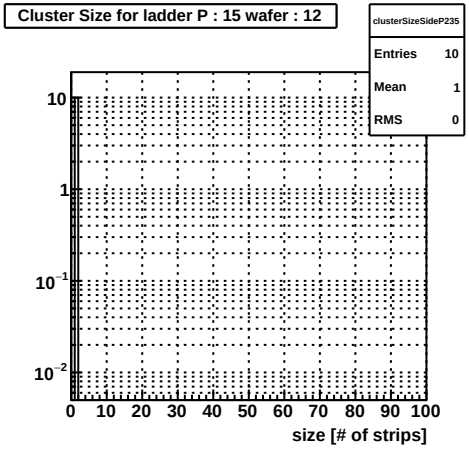

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 1
Mean 1
RMS 0
size [# of strips]

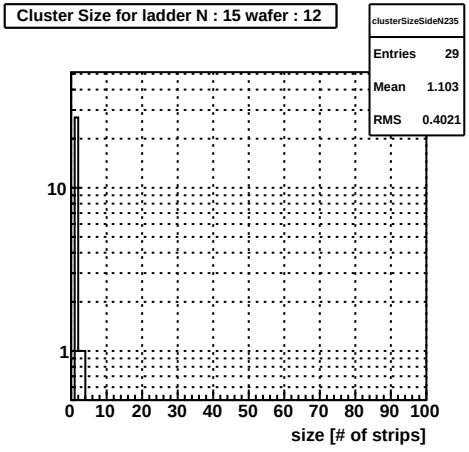

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 27
Mean 1
RMS 0
size [# of strips]

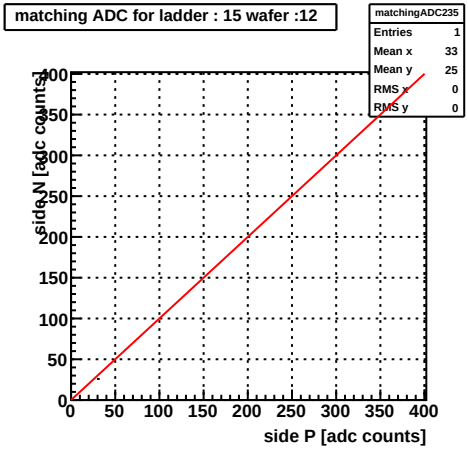

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

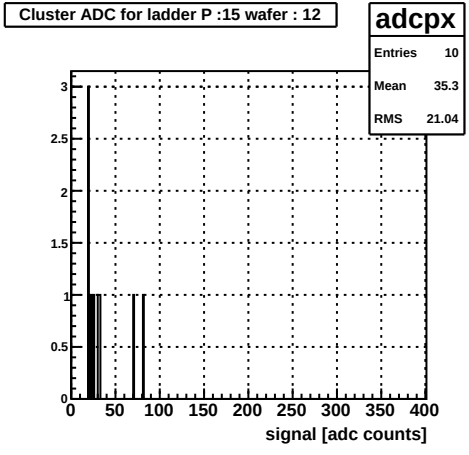

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 1
Mean 68.5
RMS 0
signal [adc counts]

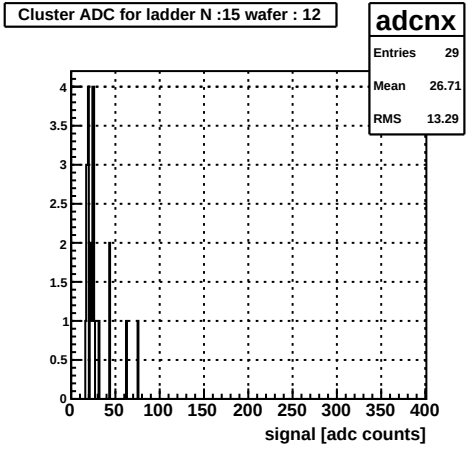

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 27
Mean 19.57
RMS 10.92
signal [adc counts]

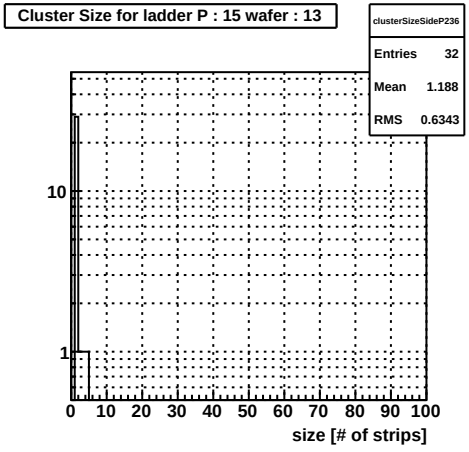

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 10
Mean 1
RMS 0
size [# of strips]

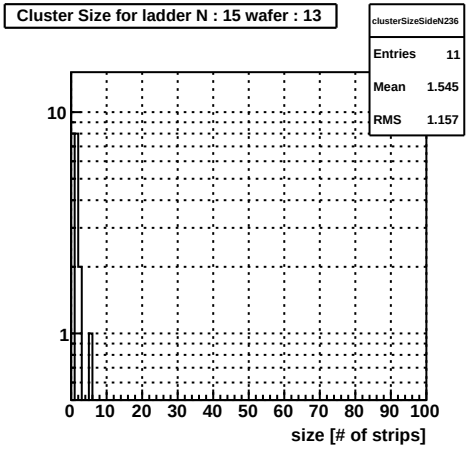

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 29
Mean 1.103
RMS 0.4021
size [# of strips]

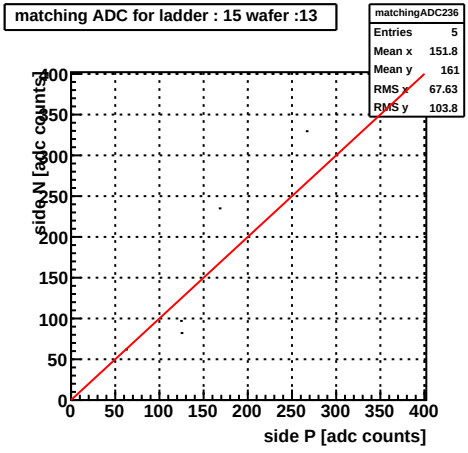

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1
Mean x 33
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

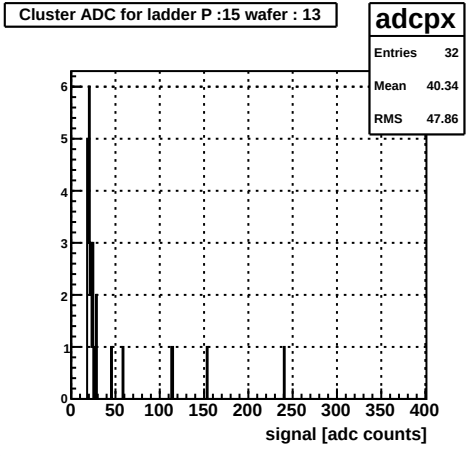

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 10
Mean 35.3
RMS 21.04
signal [adc counts]

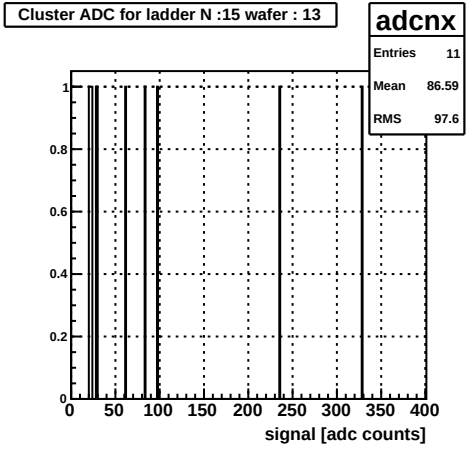

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 29
Mean 26.71
RMS 13.29
signal [adc counts]

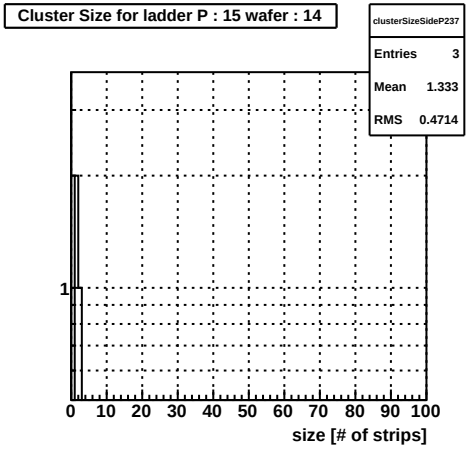

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 32
Mean 1.188
RMS 0.6343
size [# of strips]

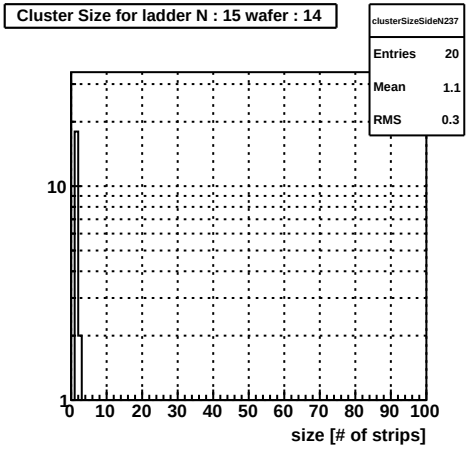

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 11
Mean 1.545
RMS 1.157
size [# of strips]

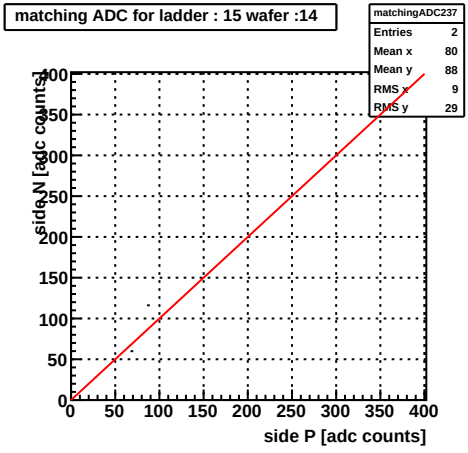

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 5
Mean x 151.8
Mean y 161
RMS x 67.63
RMS y 103.8
side N [adc counts]
side P [adc counts]

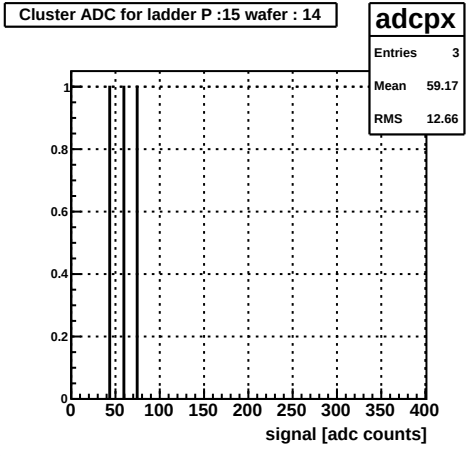

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 32
Mean 40.34
RMS 47.86
signal [adc counts]

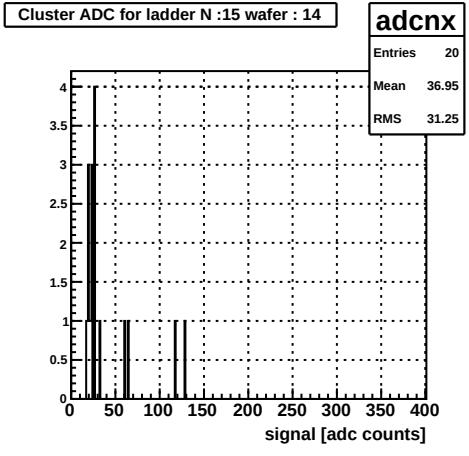

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 11
Mean 86.59
RMS 97.6
signal [adc counts]

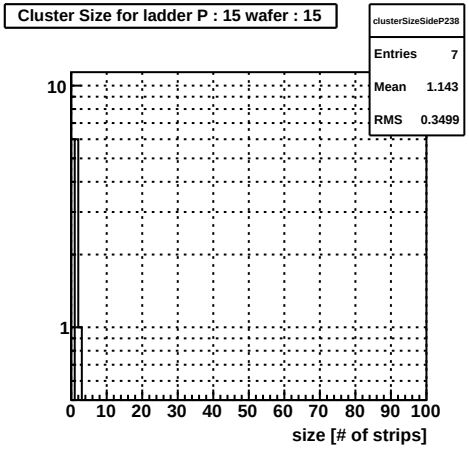

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

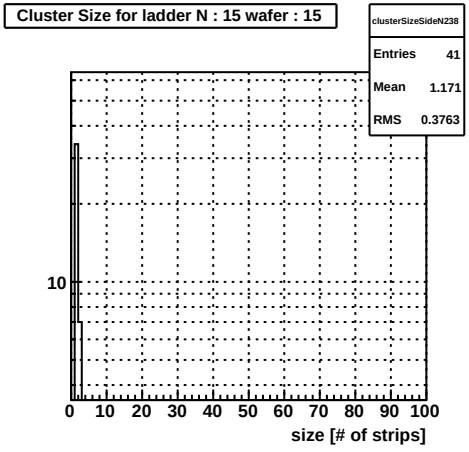

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 20
Mean 1.1
RMS 0.3
size [# of strips]

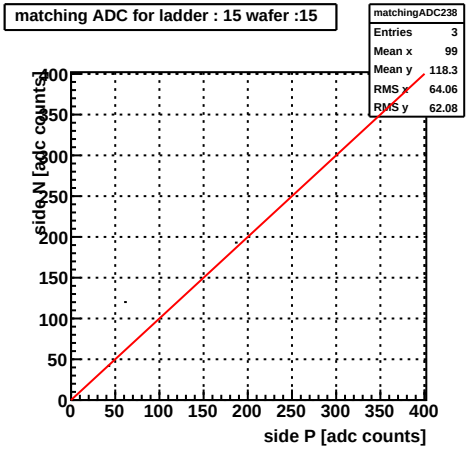

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 2
Mean x 80
Mean y 88
RMS x 9
RMS y 29
side N [adc counts]
side P [adc counts]

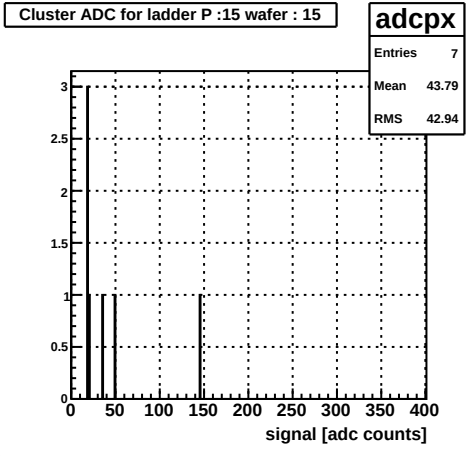

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3
Mean 59.17
RMS 12.66
signal [adc counts]

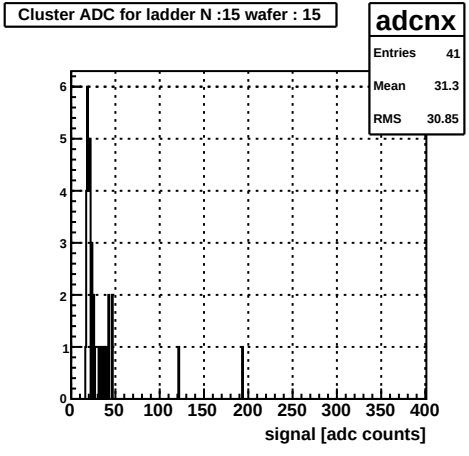

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 20
Mean 36.95
RMS 31.25
signal [adc counts]

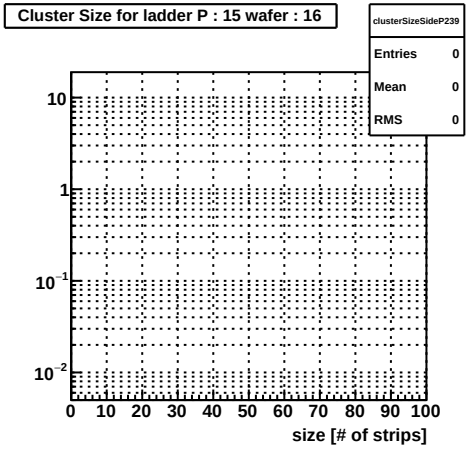

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

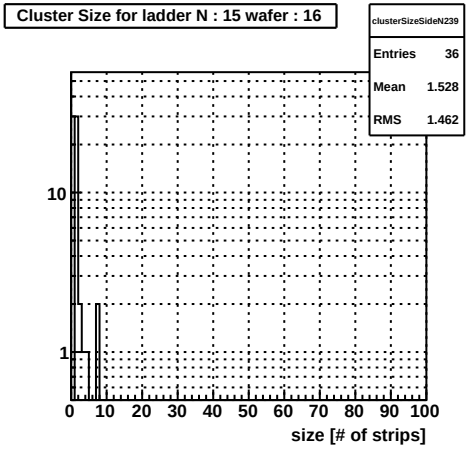

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 41
Mean 1.171
RMS 0.3763
size [# of strips]

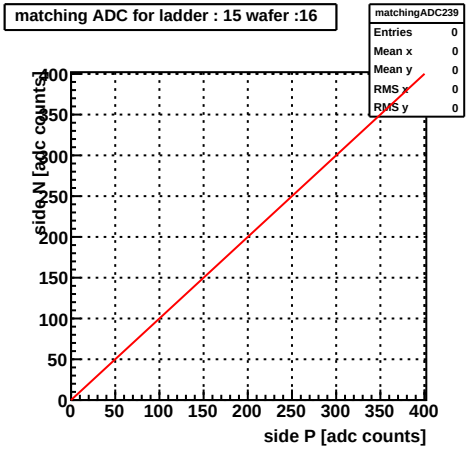

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 3
Mean x 99
Mean y 118.3
RMS x 64.06
RMS y 62.08
side N [adc counts]
side P [adc counts]

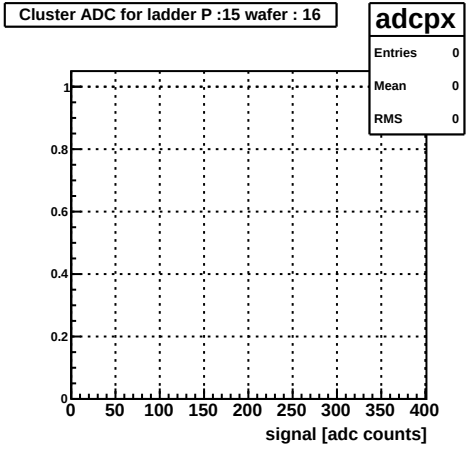

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 7
Mean 43.79
RMS 42.94
signal [adc counts]

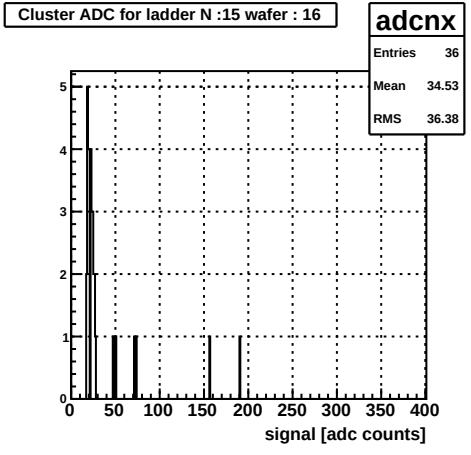

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 41
Mean 31.3
RMS 30.85
signal [adc counts]

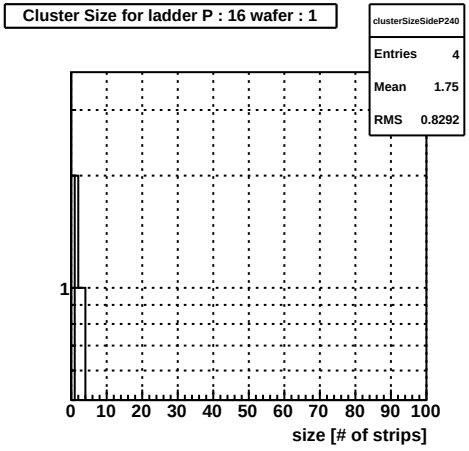

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

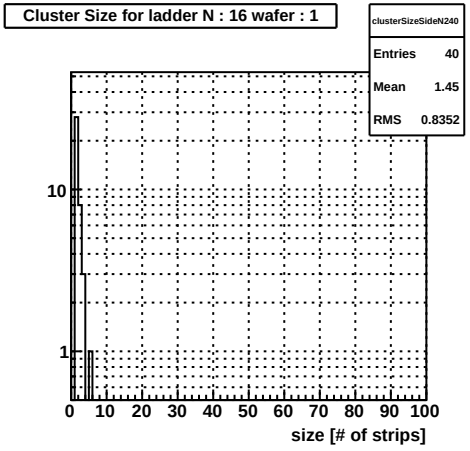

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 36
Mean 1.528
RMS 1.462
size [# of strips]

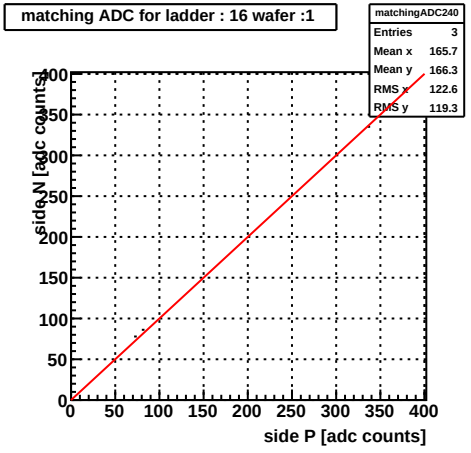

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

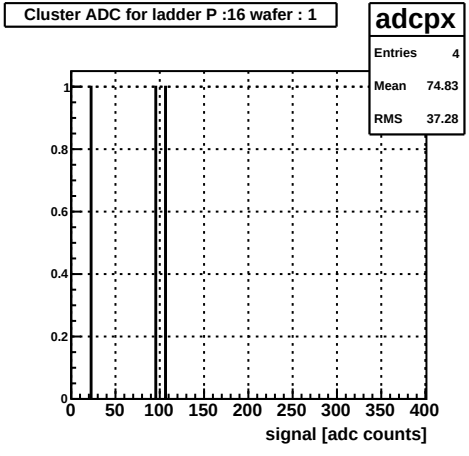

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

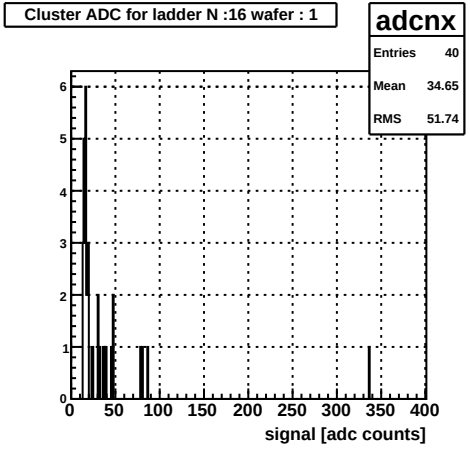

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 36
Mean 34.53
RMS 36.38
signal [adc counts]

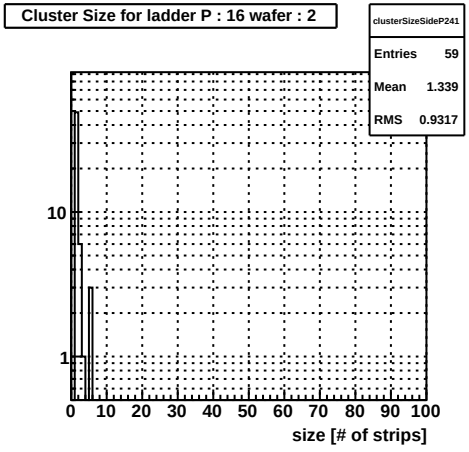

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 4
Mean 1.75
RMS 0.8292
size [# of strips]

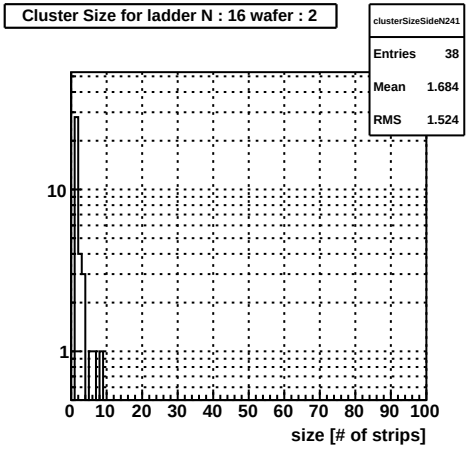

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 40
Mean 1.45
RMS 0.8352
size [# of strips]

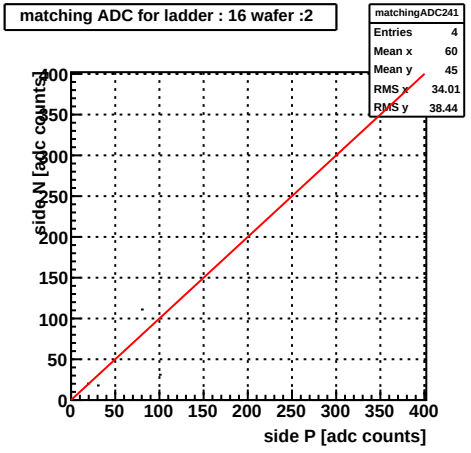

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 3
Mean x 165.7
Mean y 166.3
RMS x 122.6
RMS y 119.3
side N [adc counts]
side P [adc counts]

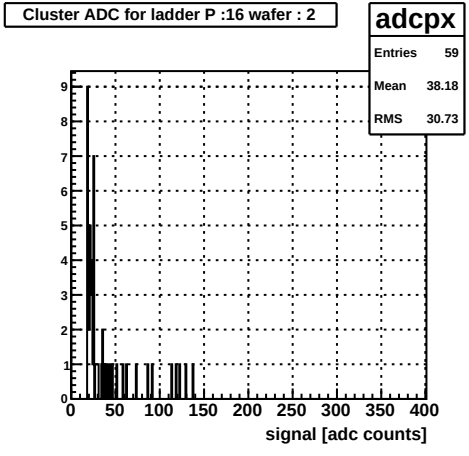

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 4
Mean 74.83
RMS 37.28
signal [adc counts]

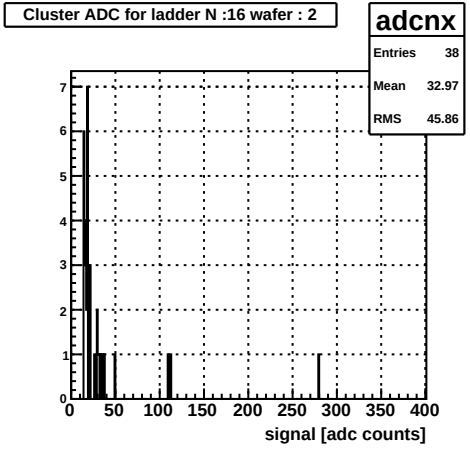

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 40
Mean 34.65
RMS 51.74
signal [adc counts]

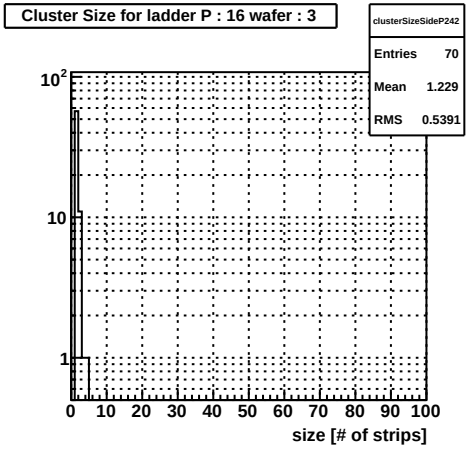

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 59
Mean 1.339
RMS 0.9317
size [# of strips]

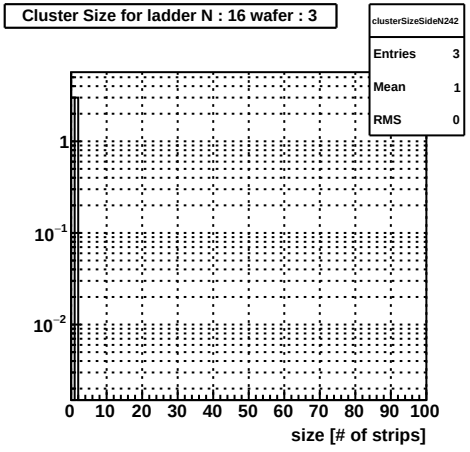

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 38
Mean 1.684
RMS 1.524
size [# of strips]

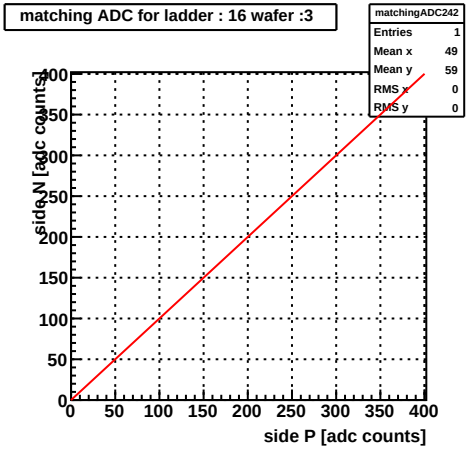

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 4
Mean x 60
Mean y 45
RMS x 34.01
RMS y 38.44
side N [adc counts]
side P [adc counts]

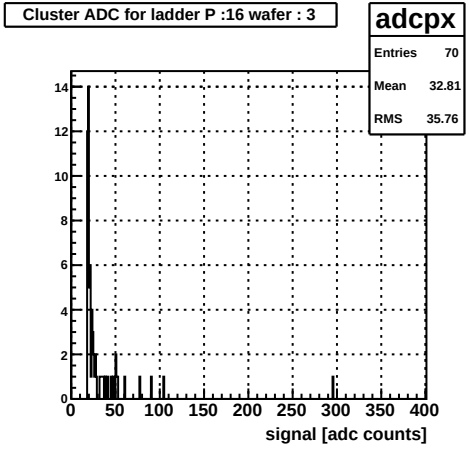

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 59
Mean 38.18
RMS 30.73
signal [adc counts]

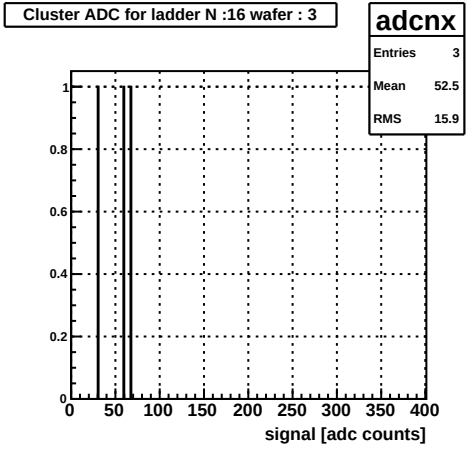

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 38
Mean 32.97
RMS 45.86
signal [adc counts]

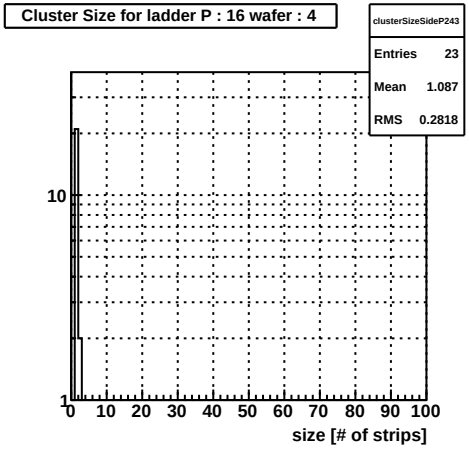

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 70
Mean 1.229
RMS 0.5391
size [# of strips]

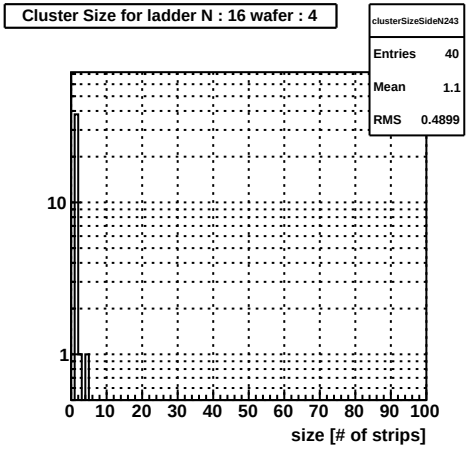

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 3
Mean 1
RMS 0
size [# of strips]

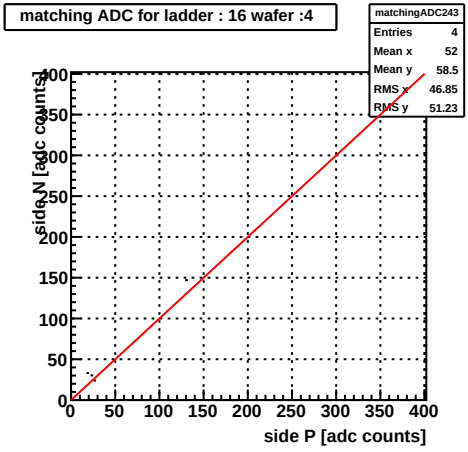

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1
Mean x 49
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

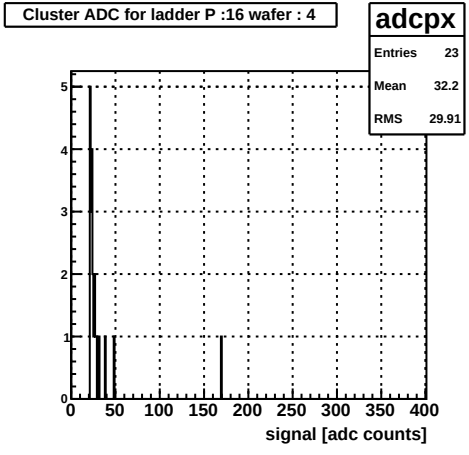

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 70
Mean 32.81
RMS 35.76
signal [adc counts]

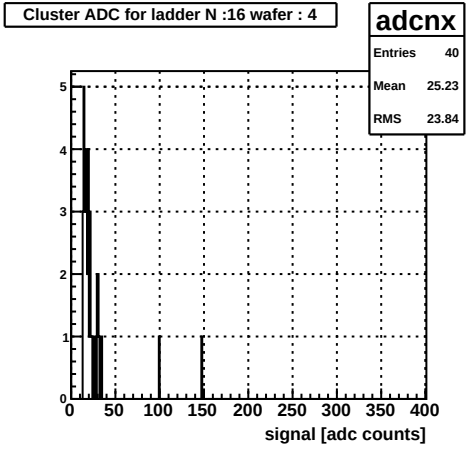

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 3
Mean 52.5
RMS 15.9
signal [adc counts]

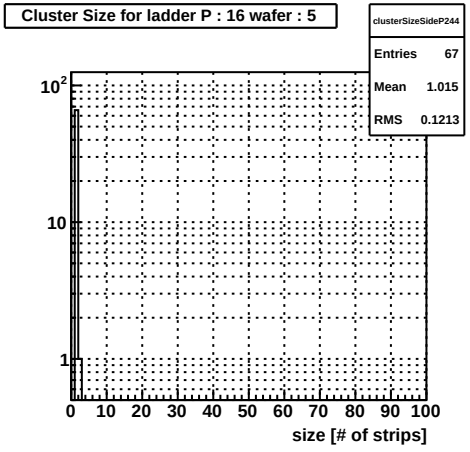

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 23
Mean 1.087
RMS 0.2818
size [# of strips]

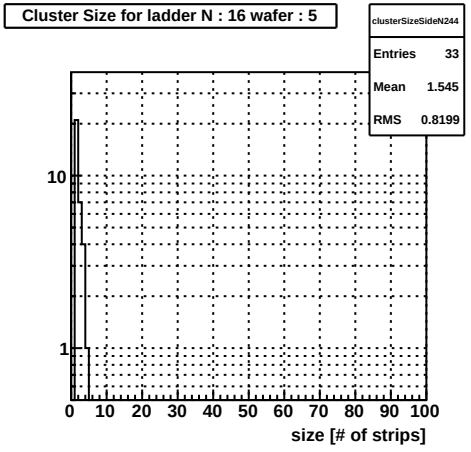

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 40
Mean 1.1
RMS 0.4899
size [# of strips]

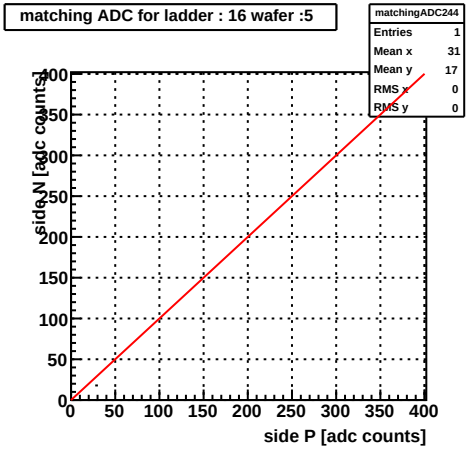

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 4
Mean x 52
Mean y 58.5
RMS x 46.85
RMS y 51.23
side N [adc counts]
side P [adc counts]

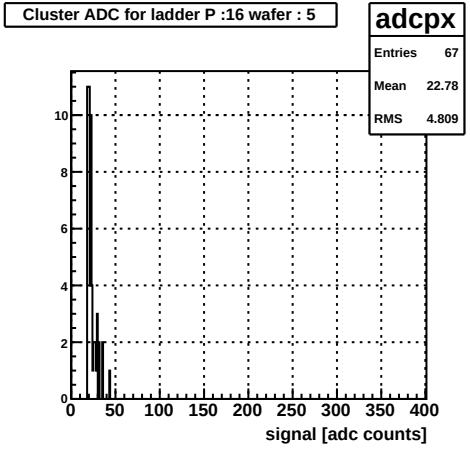

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 23
Mean 32.2
RMS 29.91
signal [adc counts]

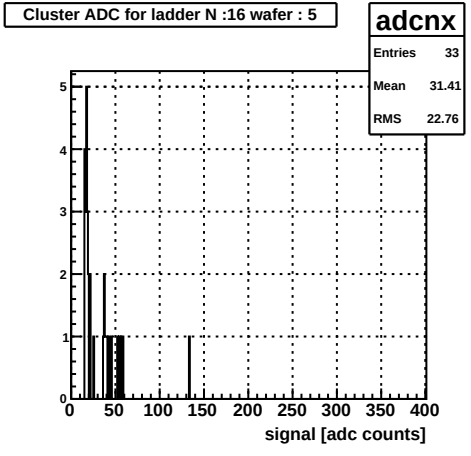

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 40
Mean 25.23
RMS 23.84
signal [adc counts]

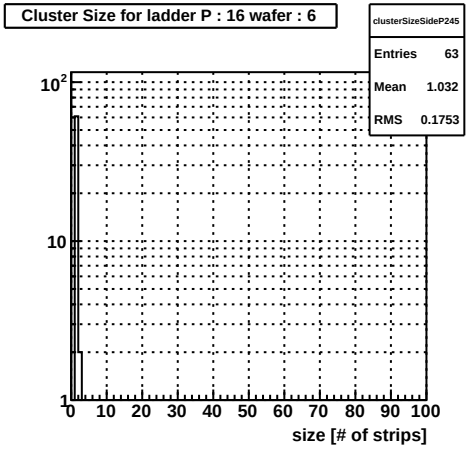

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 67
Mean 1.015
RMS 0.1213
size [# of strips]

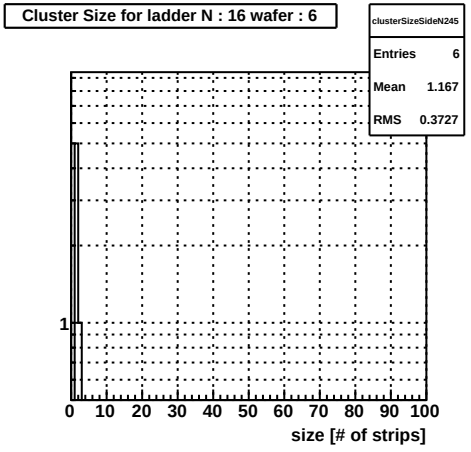

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 33
Mean 1.545
RMS 0.8199
size [# of strips]

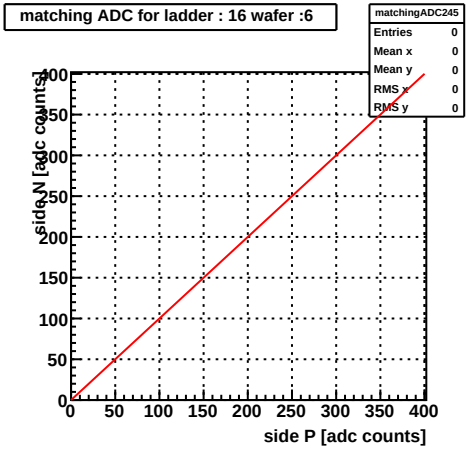

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1
Mean x 31
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

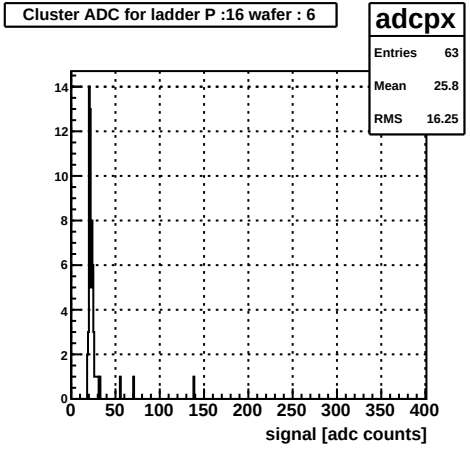

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 67
Mean 22.78
RMS 4.809
signal [adc counts]

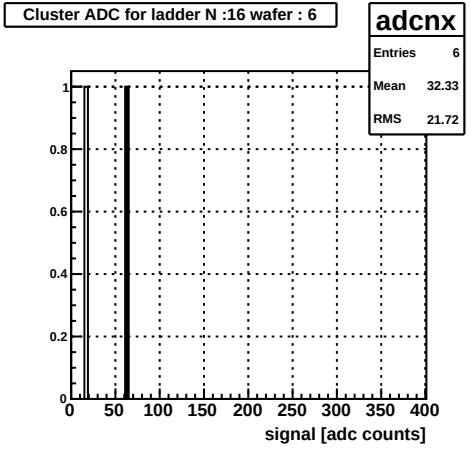

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 33
Mean 31.41
RMS 22.76
signal [adc counts]

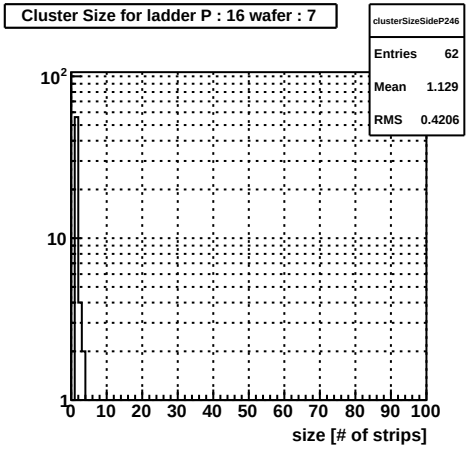

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 63
Mean 1.032
RMS 0.1753
size [# of strips]

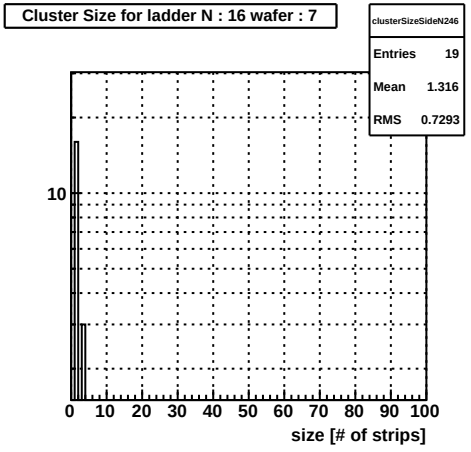

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

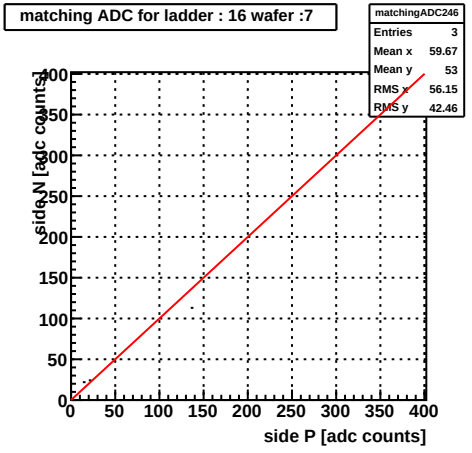

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

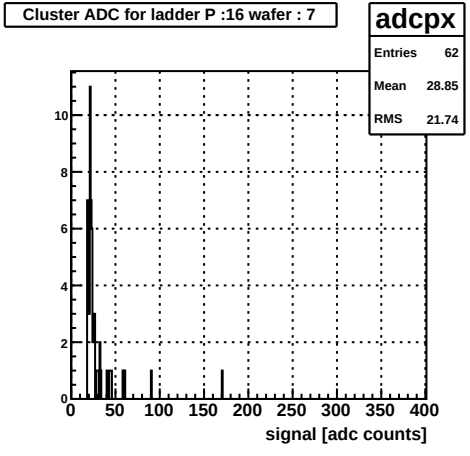

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 63
Mean 25.8
RMS 16.25
signal [adc counts]

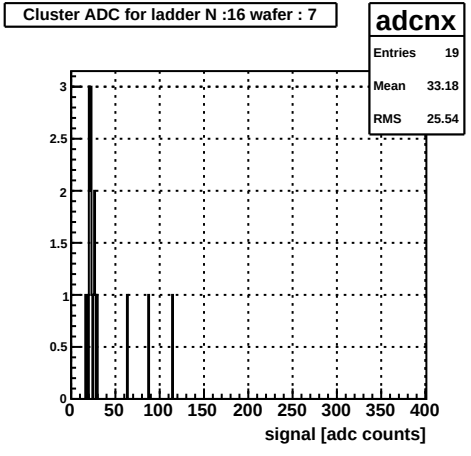

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6
Mean 32.33
RMS 21.72
signal [adc counts]

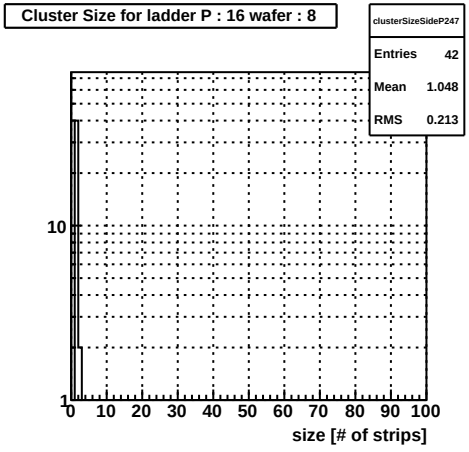

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 62
Mean 1.129
RMS 0.4206
size [# of strips]

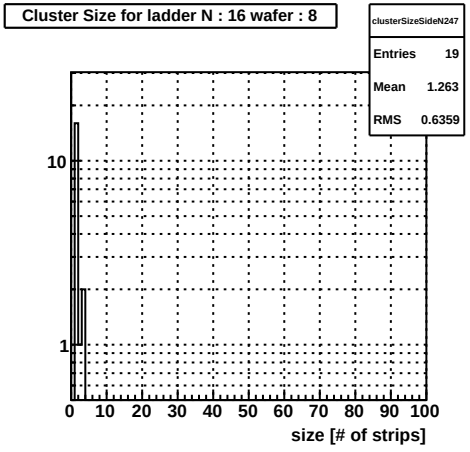

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 19
Mean 1.316
RMS 0.7293
size [# of strips]

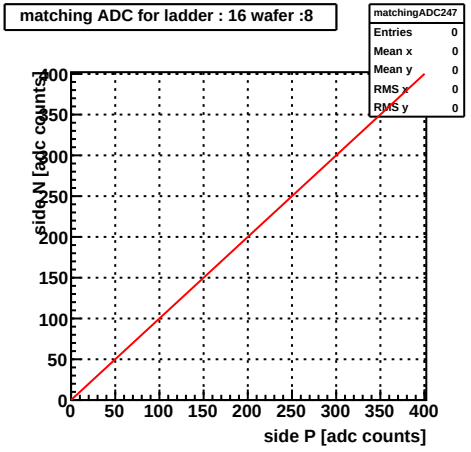

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 3
Mean x 59.67
Mean y 53
RMS x 56.15
RMS y 42.46
side N [adc counts]
side P [adc counts]

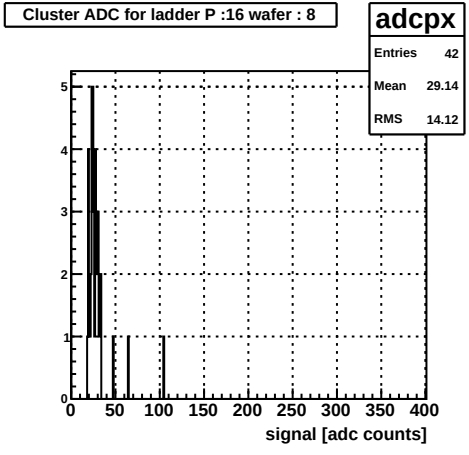

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 62
Mean 28.85
RMS 21.74
signal [adc counts]

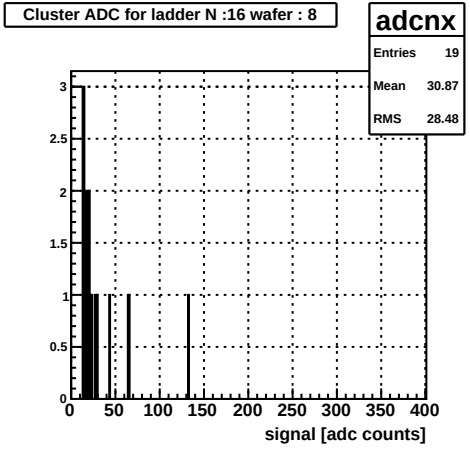

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 19
Mean 33.18
RMS 25.54
signal [adc counts]

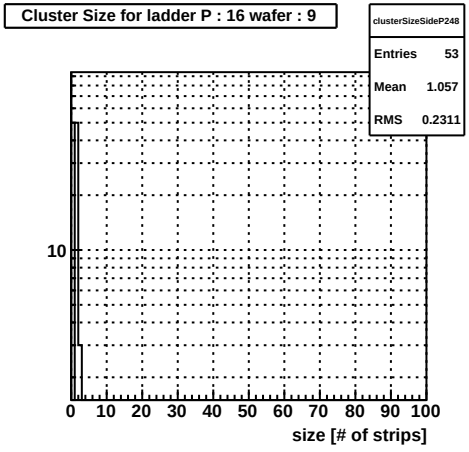

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 42
Mean 1.048
RMS 0.213
size [# of strips]

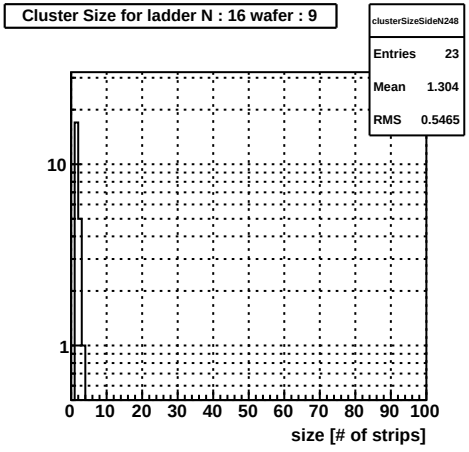

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 19
Mean 1.263
RMS 0.6359
size [# of strips]

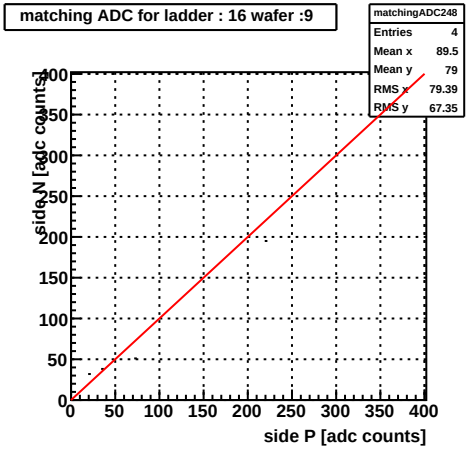

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

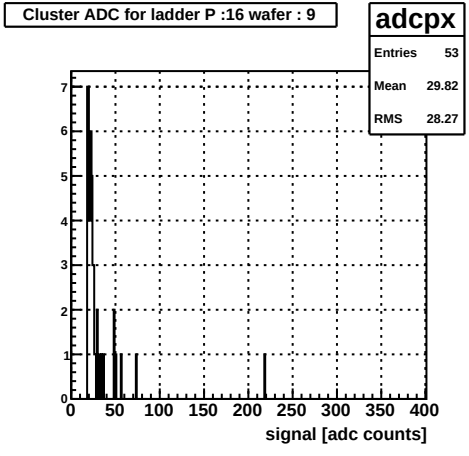

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 42
Mean 29.14
RMS 14.12
signal [adc counts]

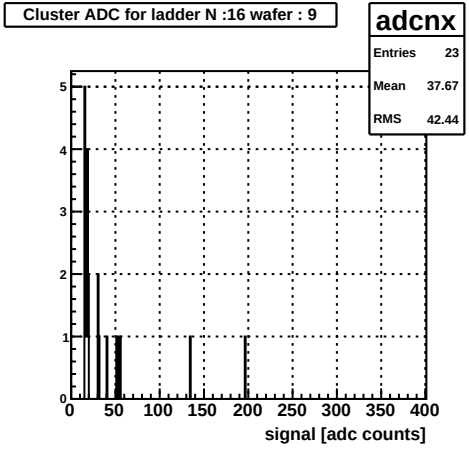

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 19
Mean 30.87
RMS 28.48
signal [adc counts]

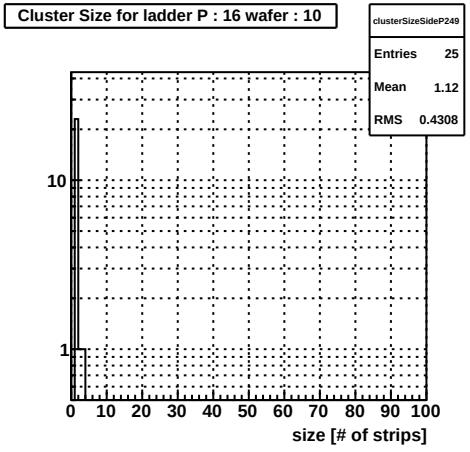

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 53
Mean 1.057
RMS 0.2311
size [# of strips]

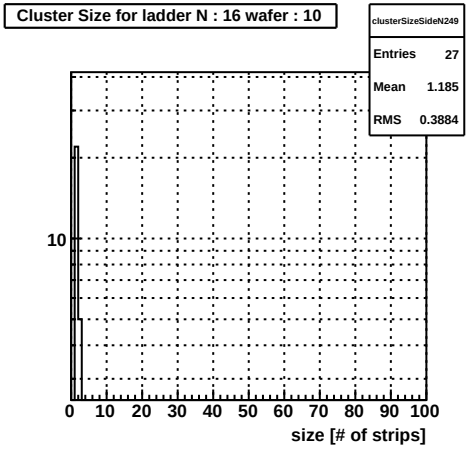

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 23
Mean 1.304
RMS 0.5465
size [# of strips]

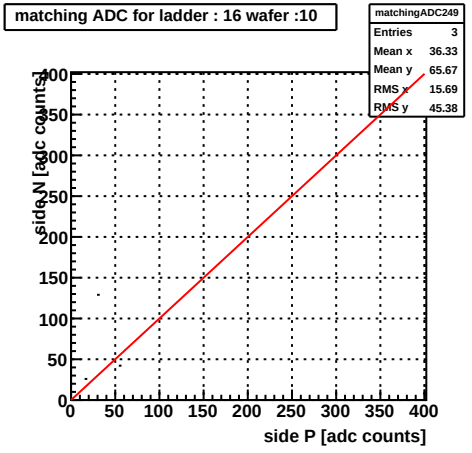

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 4
Mean x 89.5
Mean y 79
RMS x 79.39
RMS y 67.35
side N [adc counts]
side P [adc counts]

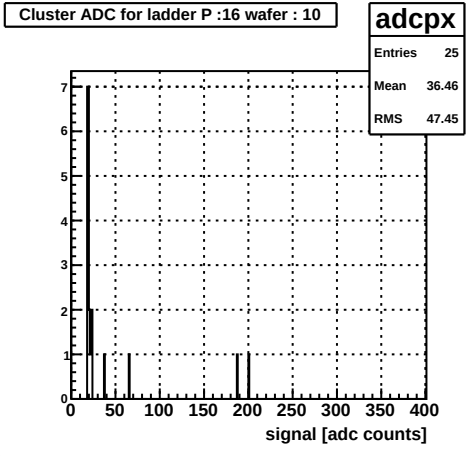

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 53
Mean 29.82
RMS 28.27
signal [adc counts]

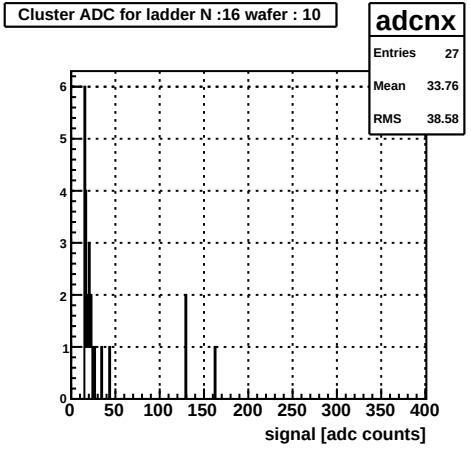

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 23
Mean 37.67
RMS 42.44
signal [adc counts]

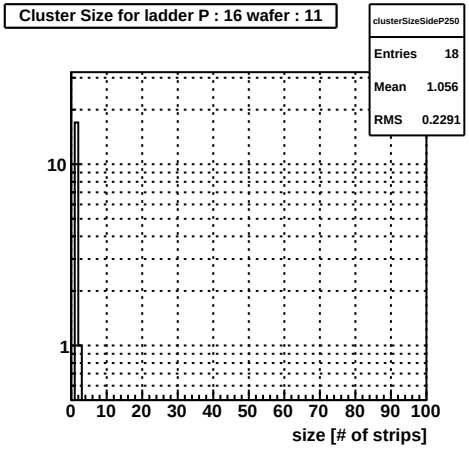

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 25
Mean 1.12
RMS 0.4308
size [# of strips]

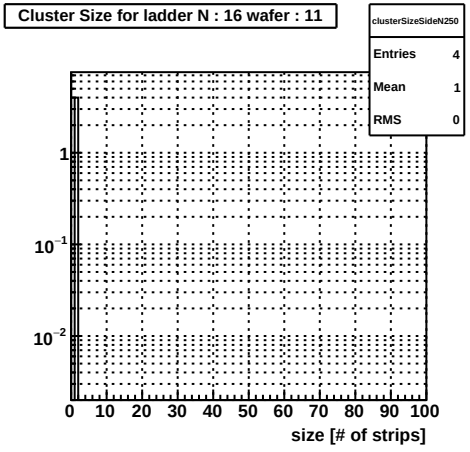

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 27
Mean 1.185
RMS 0.3884
size [# of strips]

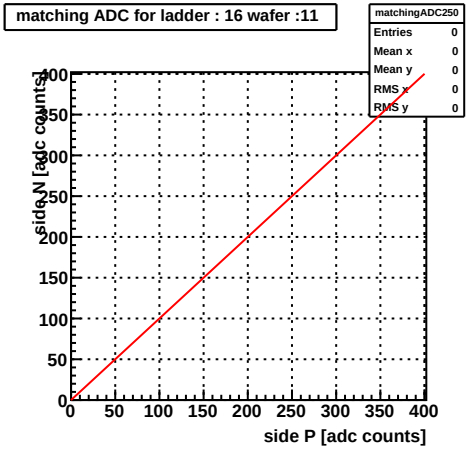

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 3
Mean x 36.33
Mean y 65.67
RMS x 15.69
RMS y 45.38
side N [adc counts]
side P [adc counts]

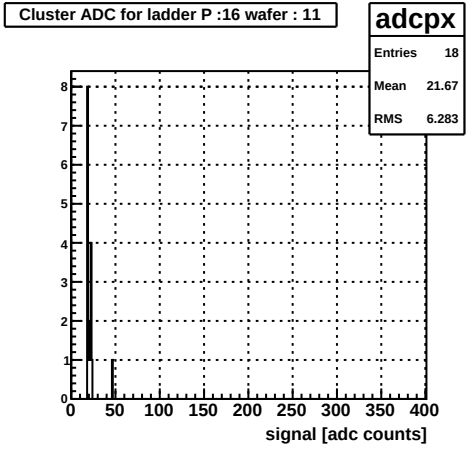

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 25
Mean 36.46
RMS 47.45
signal [adc counts]

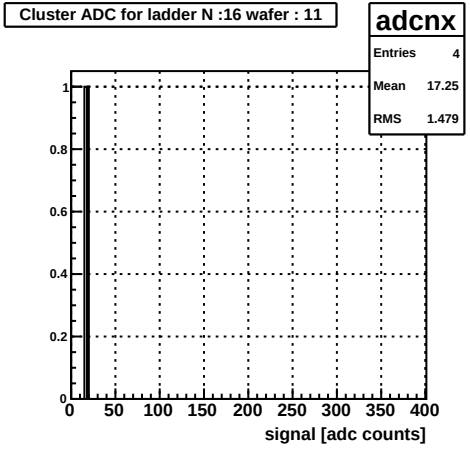

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 27
Mean 33.76
RMS 38.58
signal [adc counts]

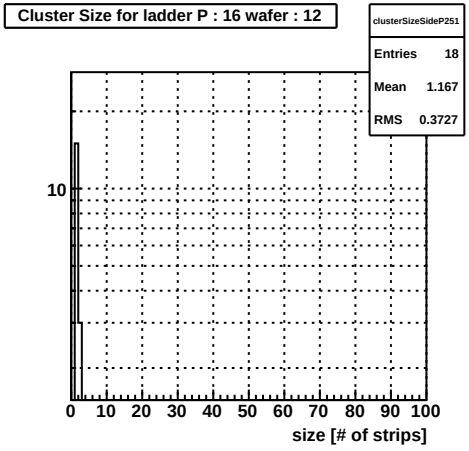

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 18
Mean 1.056
RMS 0.2291
size [# of strips]

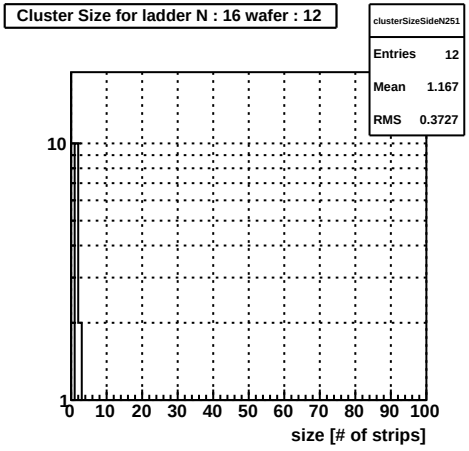

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 4
Mean 1
RMS 0
size [# of strips]

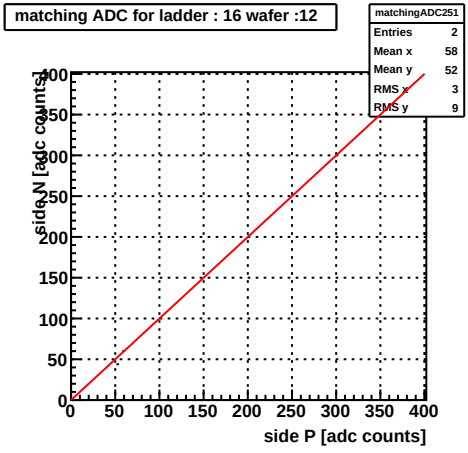

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

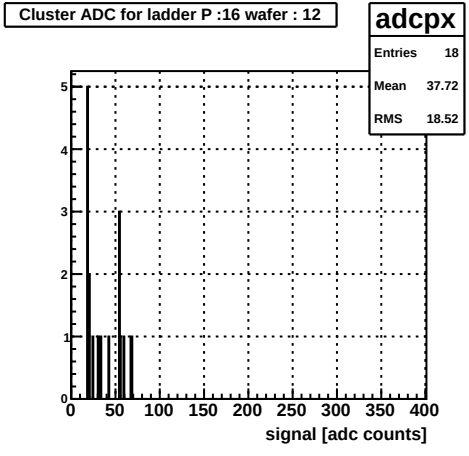

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 18
Mean 21.67
RMS 6.283
signal [adc counts]

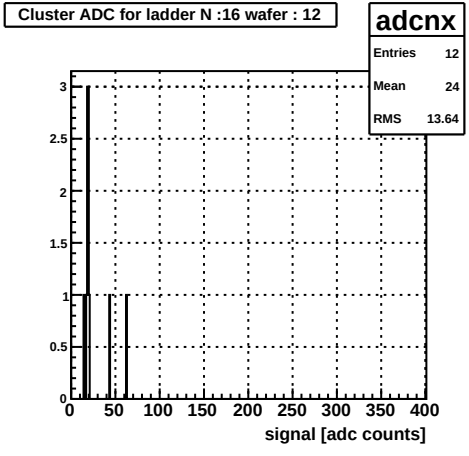

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 4
Mean 17.25
RMS 1.479
signal [adc counts]

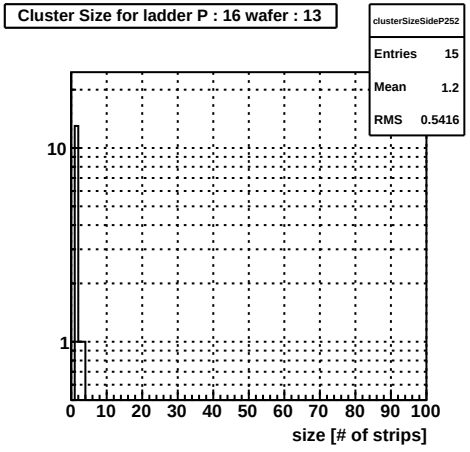

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

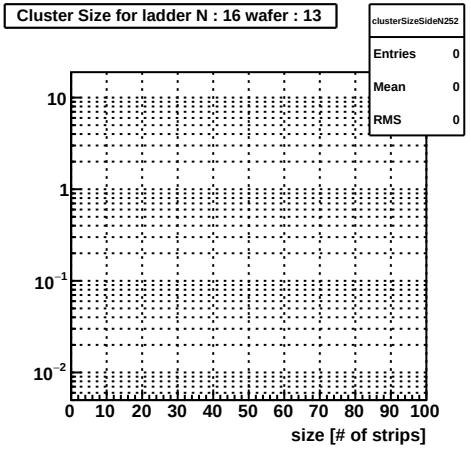

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 12
Mean 1.167
RMS 0.3727
size [# of strips]

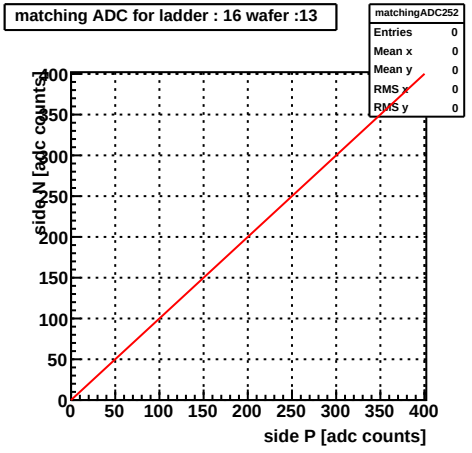

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 2
Mean x 58
Mean y 52
RMS x 3
RMS y 9
side N [adc counts]
side P [adc counts]

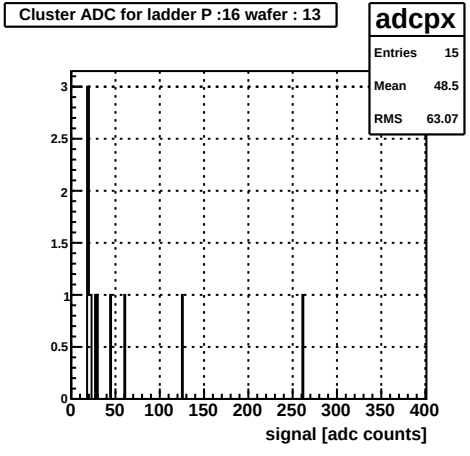

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 18
Mean 37.72
RMS 18.52
signal [adc counts]

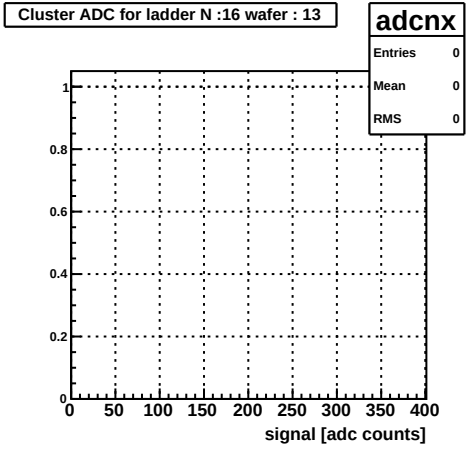

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 12
Mean 24
RMS 13.64
signal [adc counts]

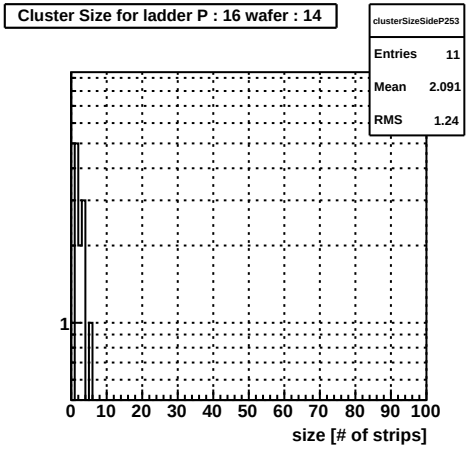

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 15
Mean 1.2
RMS 0.5416
size [# of strips]

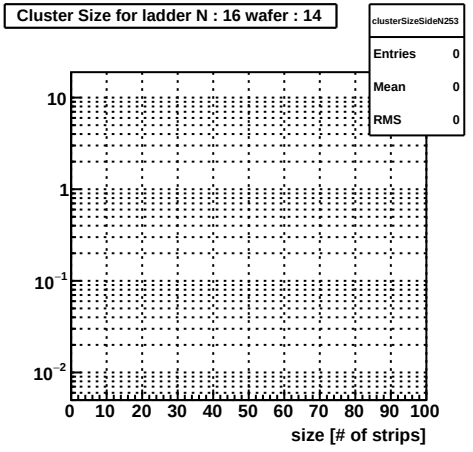

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

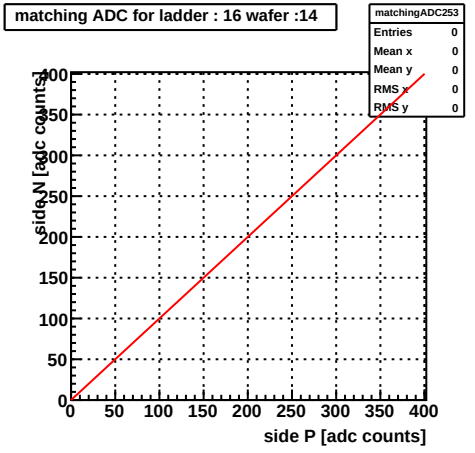

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

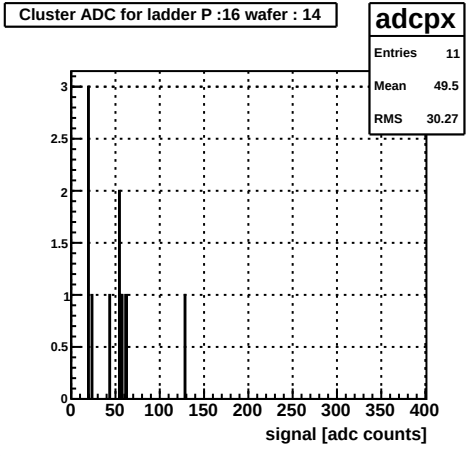

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 15
Mean 48.5
RMS 63.07
signal [adc counts]

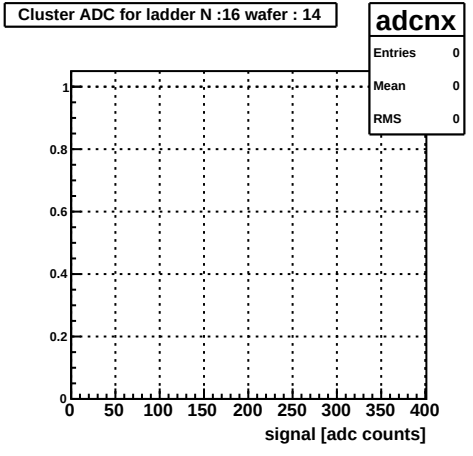

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

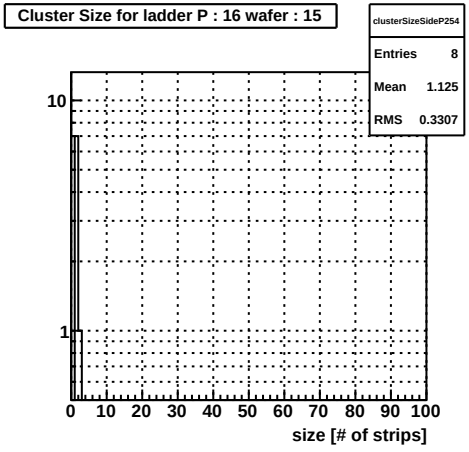

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 11
Mean 2.091
RMS 1.24
size [# of strips]

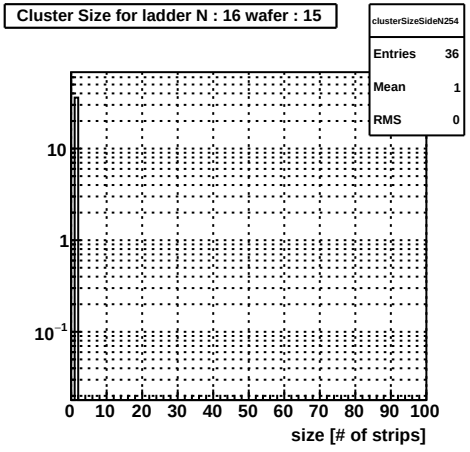

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

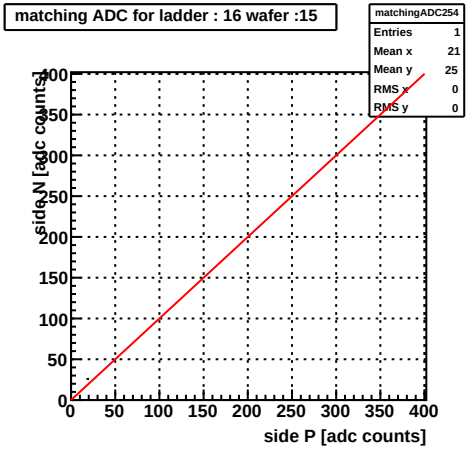

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

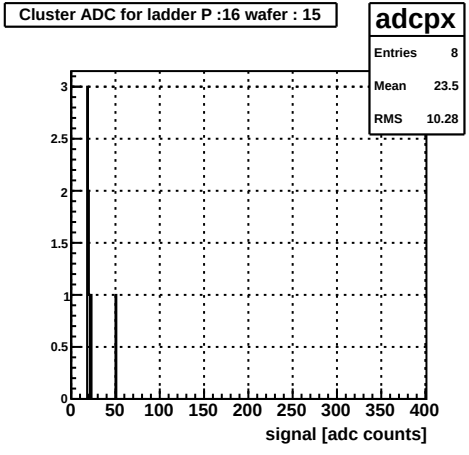

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 11
Mean 49.5
RMS 30.27
signal [adc counts]

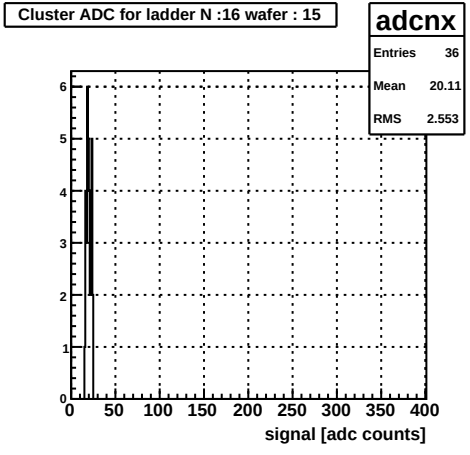

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

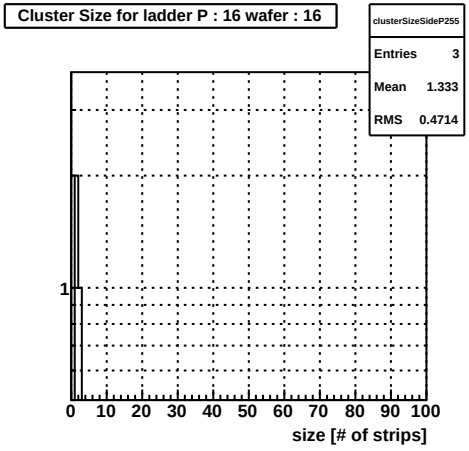

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

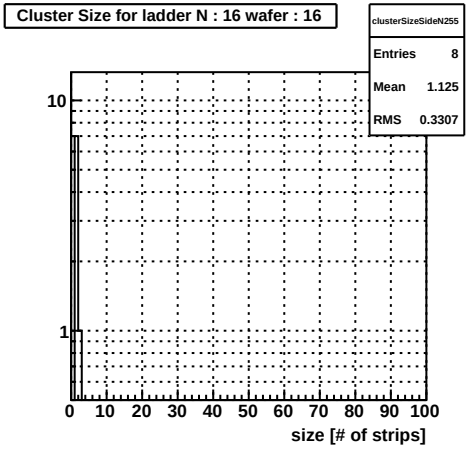

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 36
Mean 1
RMS 0
size [# of strips]

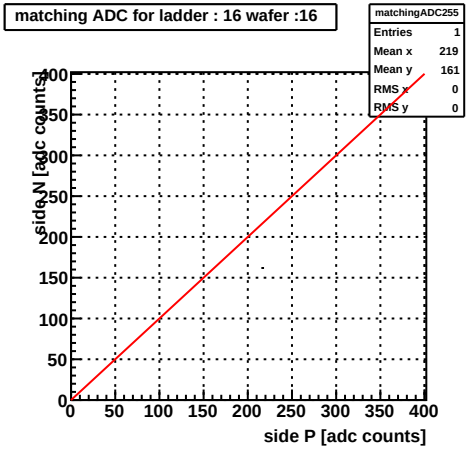

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1
Mean x 21
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

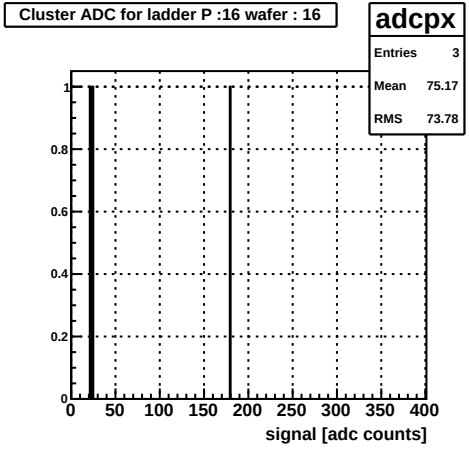

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 8
Mean 23.5
RMS 10.28
signal [adc counts]

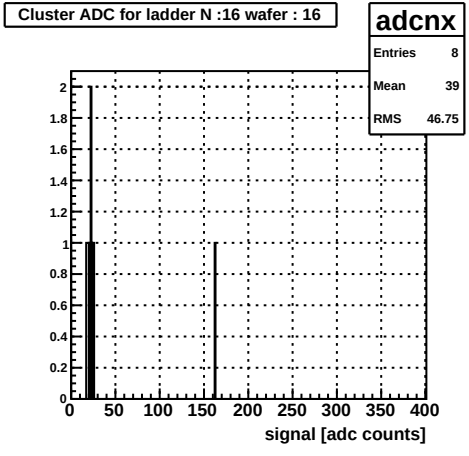

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 36
Mean 20.11
RMS 2.553
signal [adc counts]

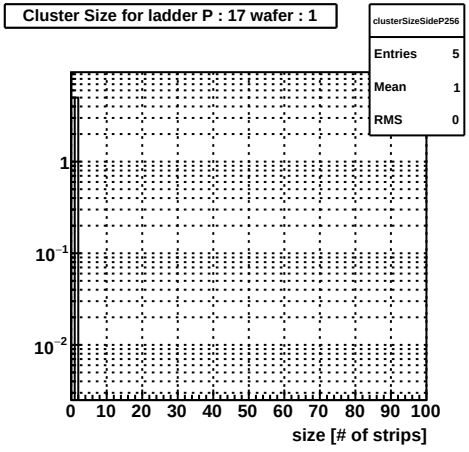

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

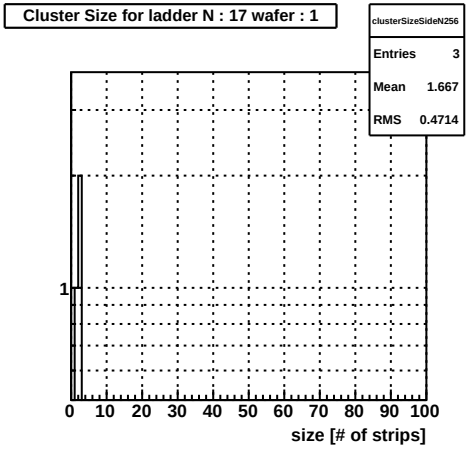

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

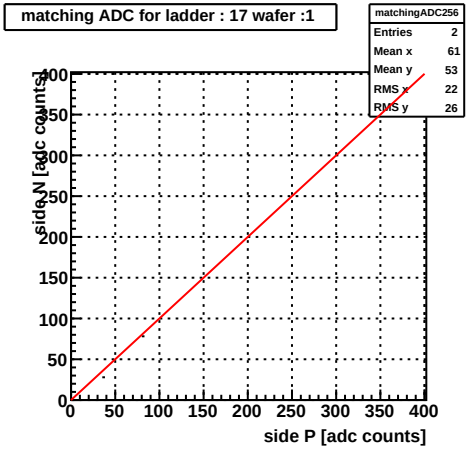

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1
Mean x 219
Mean y 161
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

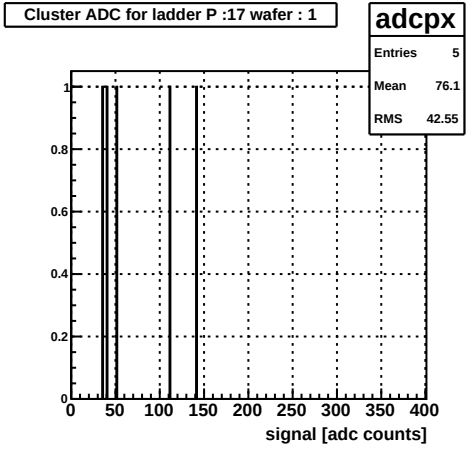

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3
Mean 75.17
RMS 73.78
signal [adc counts]

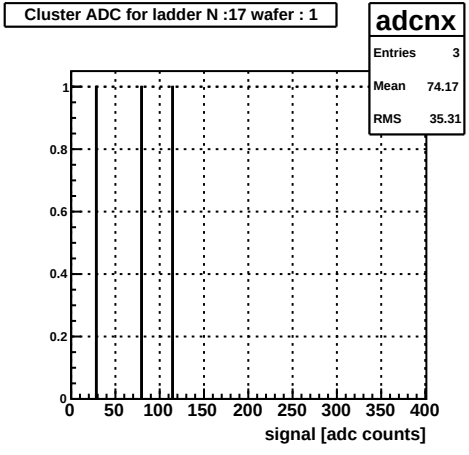

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 8
Mean 39
RMS 46.75
signal [adc counts]

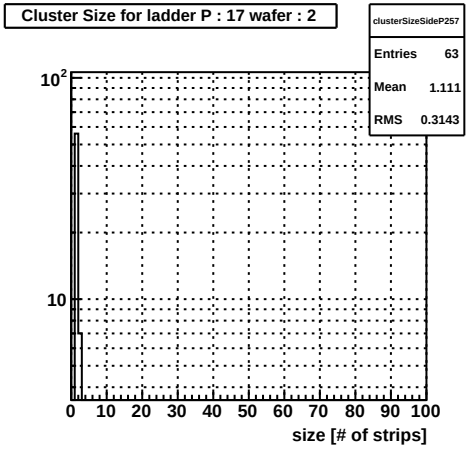

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 5
Mean 1
RMS 0
size [# of strips]

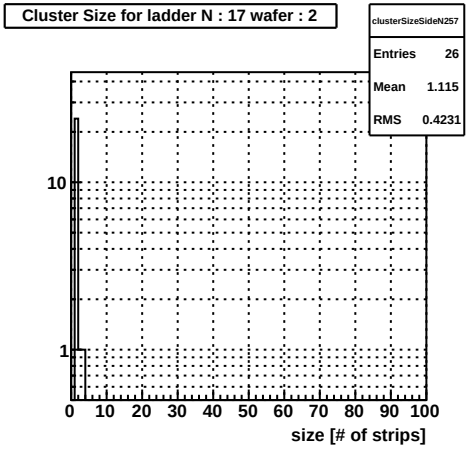

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 3
Mean 1.667
RMS 0.4714
size [# of strips]

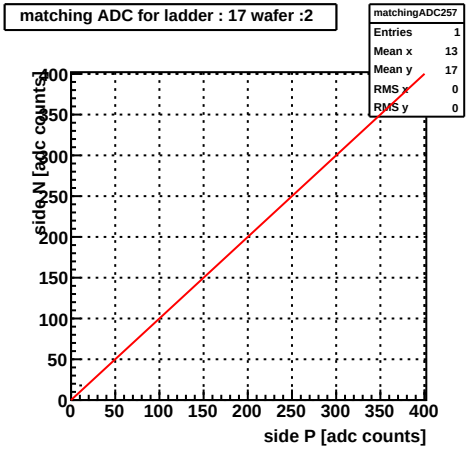

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 2
Mean x 61
Mean y 53
RMS x 22
RMS y 26
side N [adc counts]
side P [adc counts]

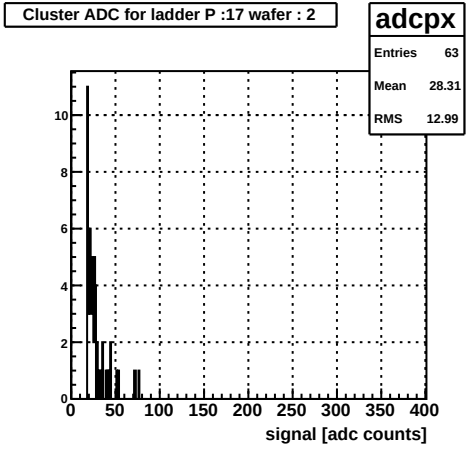

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 5
Mean 76.1
RMS 42.55
signal [adc counts]

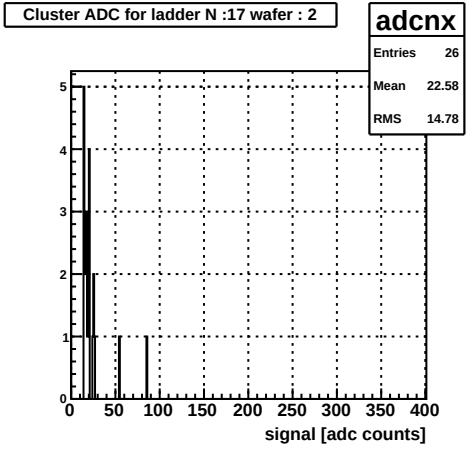

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 3
Mean 74.17
RMS 35.31
signal [adc counts]

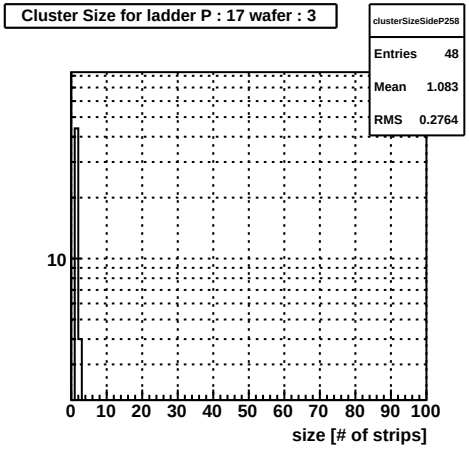

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 63
Mean 1.111
RMS 0.3143
size [# of strips]

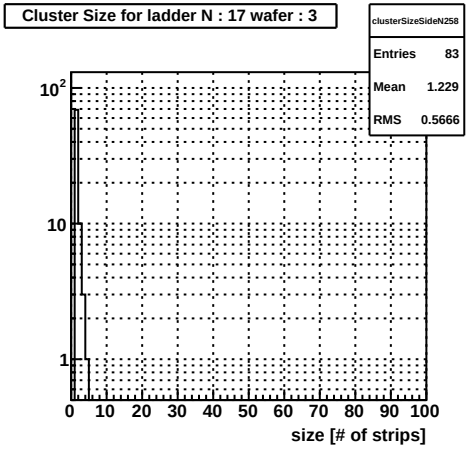

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 26
Mean 1.115
RMS 0.4231
size [# of strips]

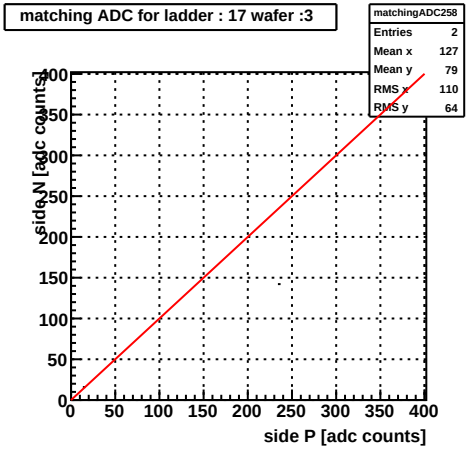

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1
Mean x 13
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

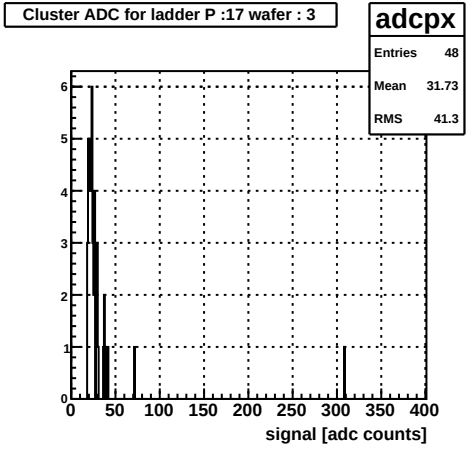

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 63
Mean 28.31
RMS 12.99
signal [adc counts]

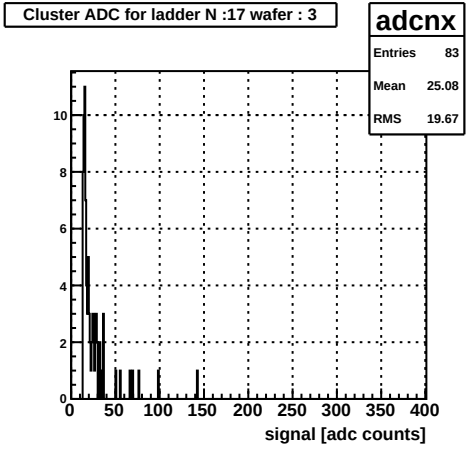

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 26
Mean 22.58
RMS 14.78
signal [adc counts]

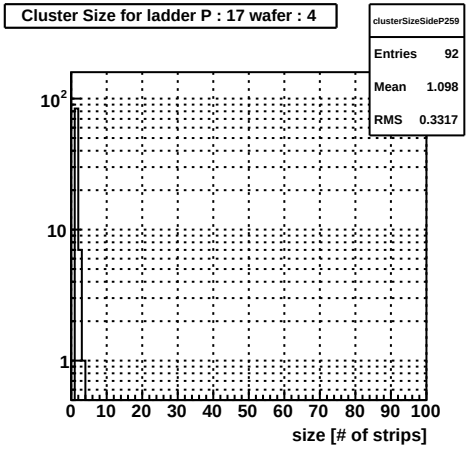

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 48
Mean 1.083
RMS 0.2764
size [# of strips]

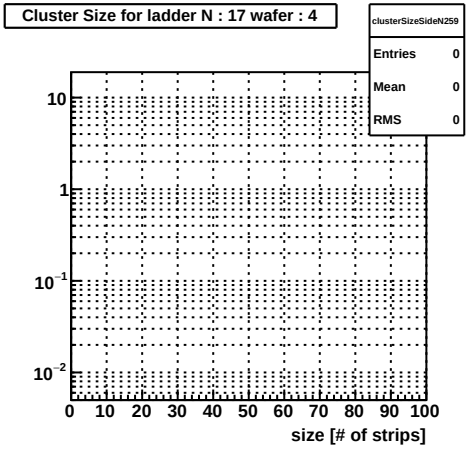

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 83
Mean 1.229
RMS 0.5666
size [# of strips]

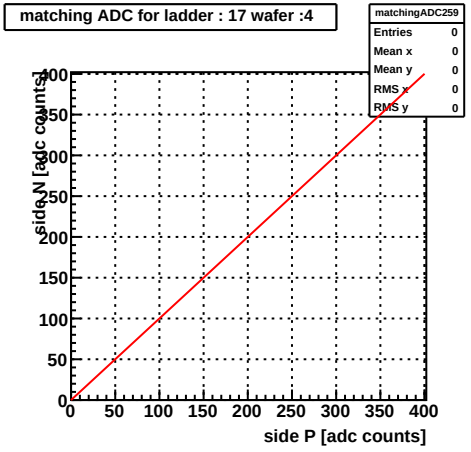

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 2
Mean x 127
Mean y 79
RMS x 110
RMS y 64
side N [adc counts]
side P [adc counts]

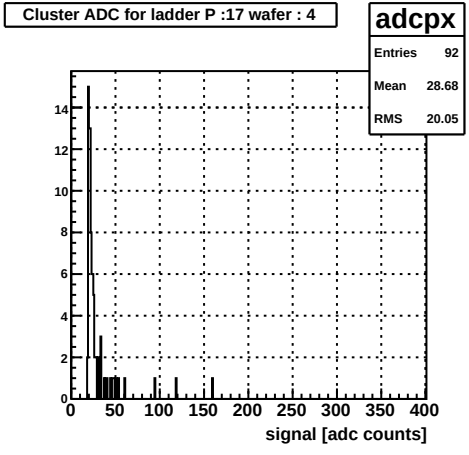

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 48
Mean 31.73
RMS 41.3
signal [adc counts]

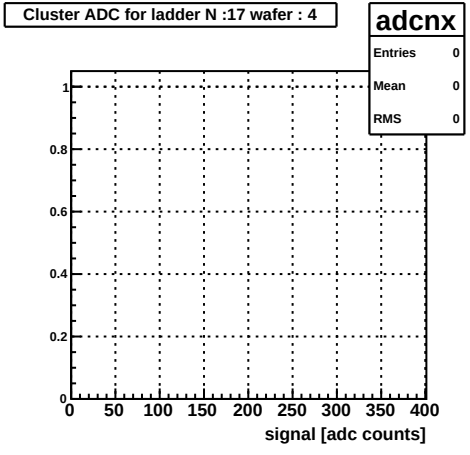

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 83
Mean 25.08
RMS 19.67
signal [adc counts]

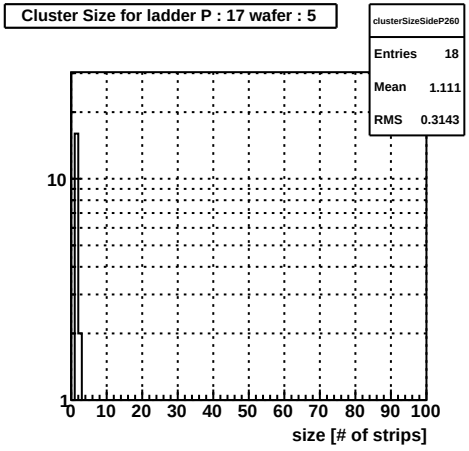

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 92
Mean 1.098
RMS 0.3317
size [# of strips]

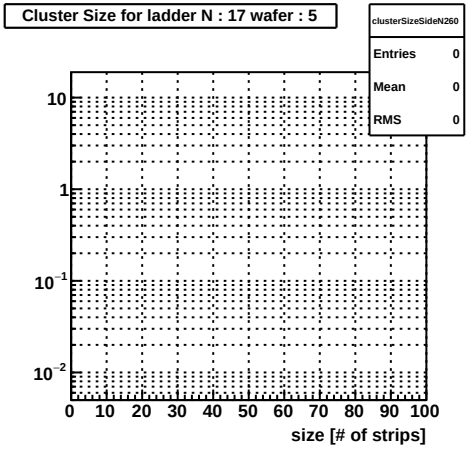

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

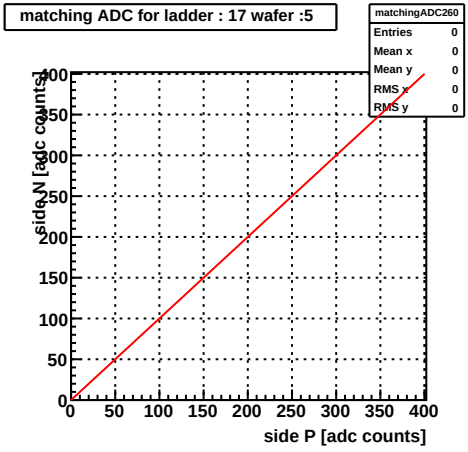

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

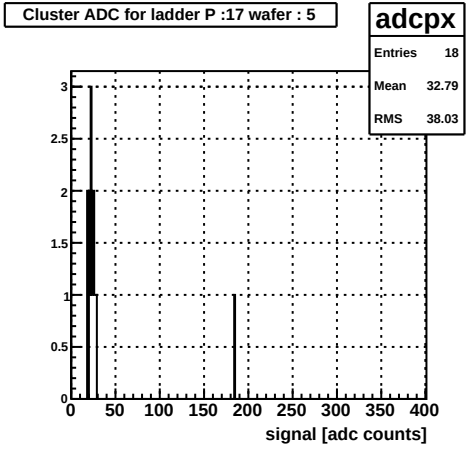

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 92
Mean 28.68
RMS 20.05
signal [adc counts]

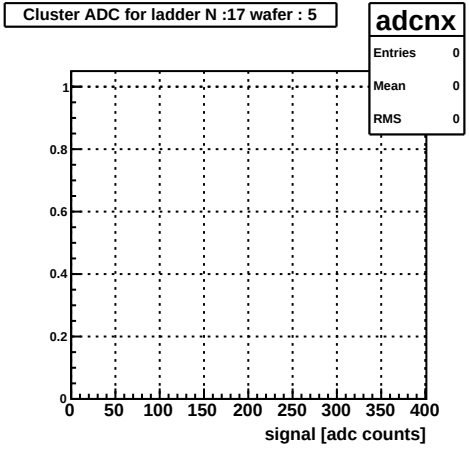

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

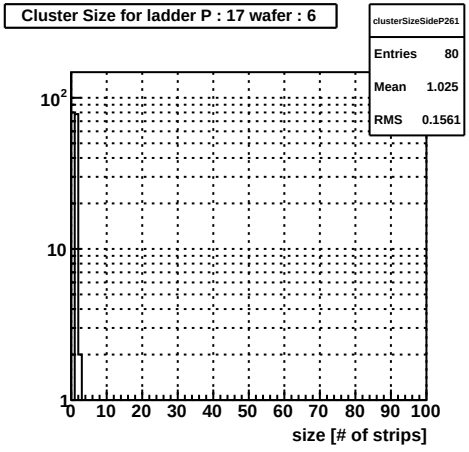

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

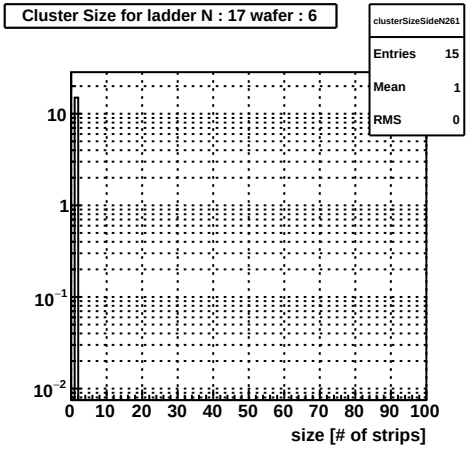

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

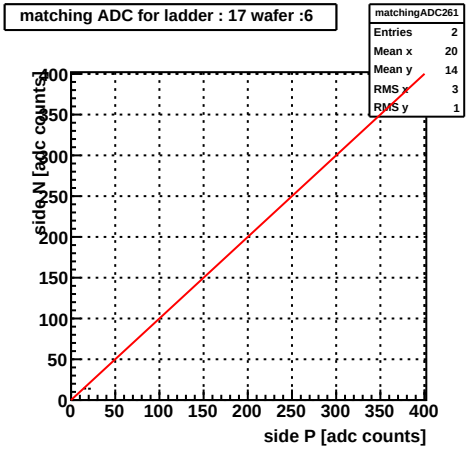

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

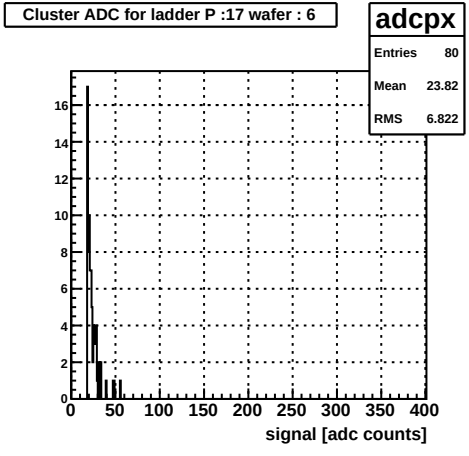

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 18
Mean 32.79
RMS 38.03
signal [adc counts]

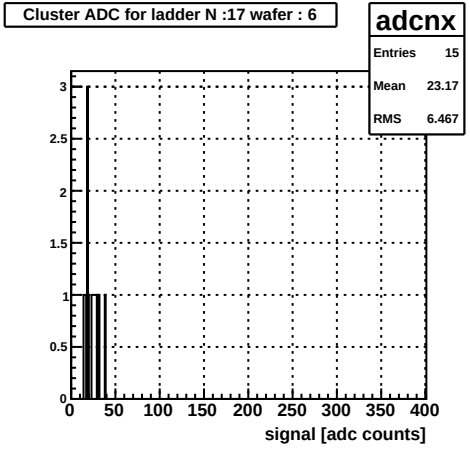

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

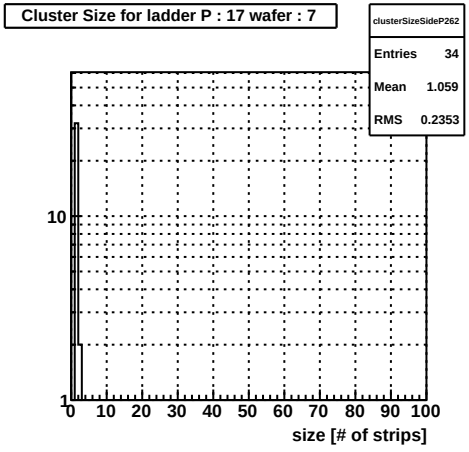

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 80
Mean 1.025
RMS 0.1561
size [# of strips]

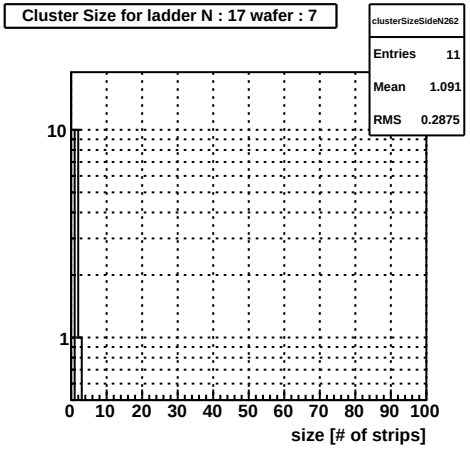

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 15
Mean 1
RMS 0
size [# of strips]

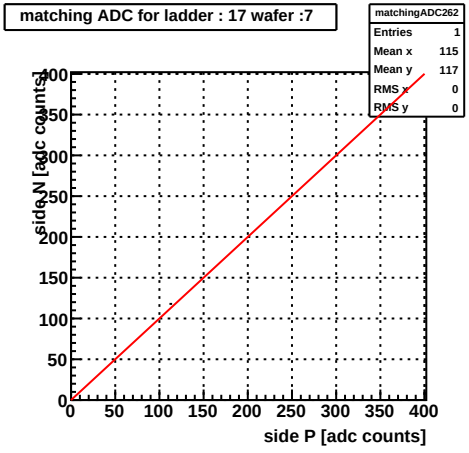

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2
Mean x 20
Mean y 14
RMS x 3
RMS y 1
side N [adc counts]
side P [adc counts]

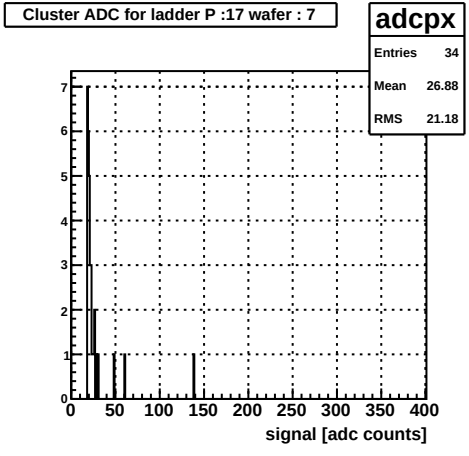

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 80
Mean 23.82
RMS 6.822
signal [adc counts]

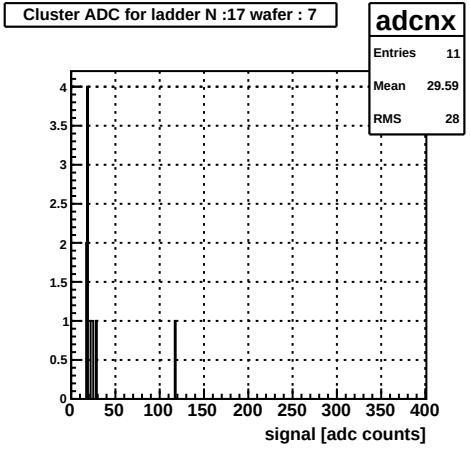

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 15
Mean 23.17
RMS 6.467
signal [adc counts]

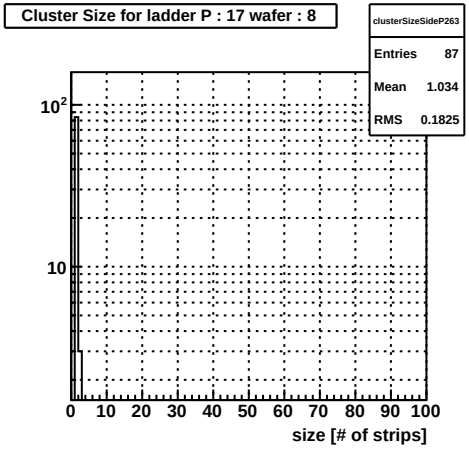

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 34
Mean 1.059
RMS 0.2353
size [# of strips]

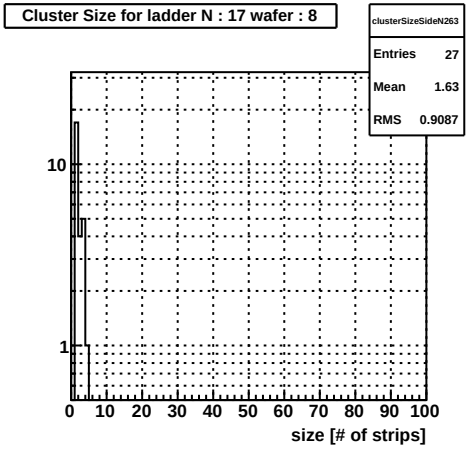

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 11
Mean 1.091
RMS 0.2875
size [# of strips]

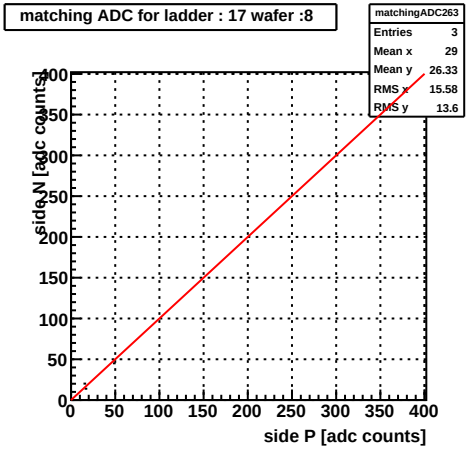

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1
Mean x 115
Mean y 117
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

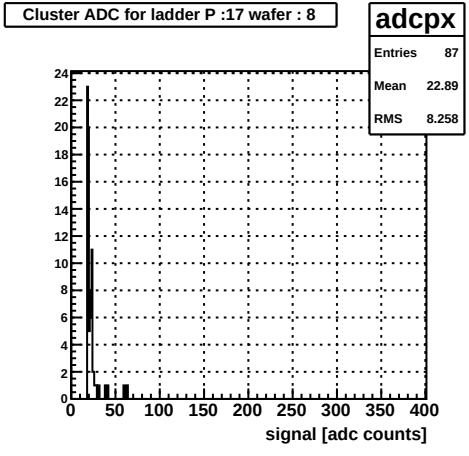

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 34
Mean 26.88
RMS 21.18
signal [adc counts]

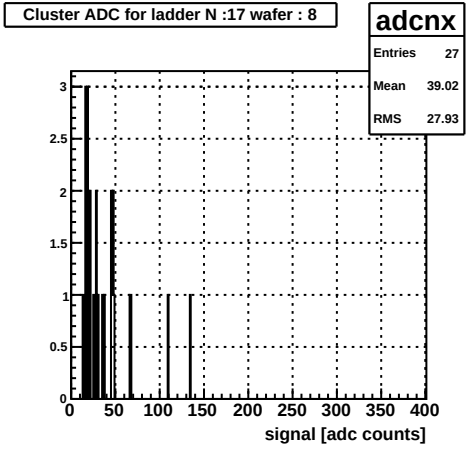

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 11
Mean 29.59
RMS 28
signal [adc counts]

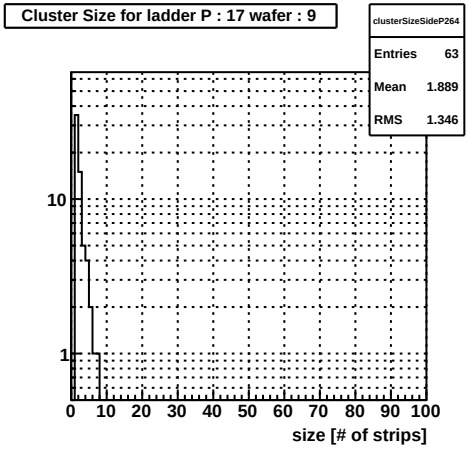

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 87
Mean 1.034
RMS 0.1825
size [# of strips]

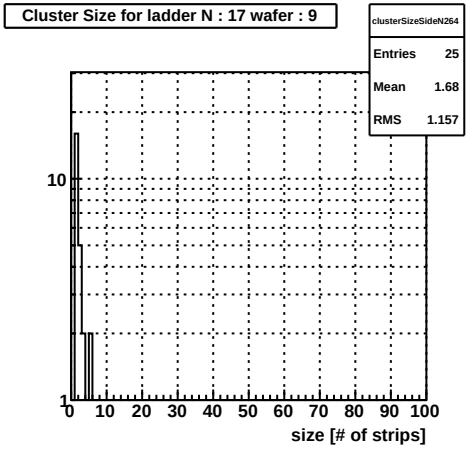

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 27
Mean 1.63
RMS 0.9087
size [# of strips]

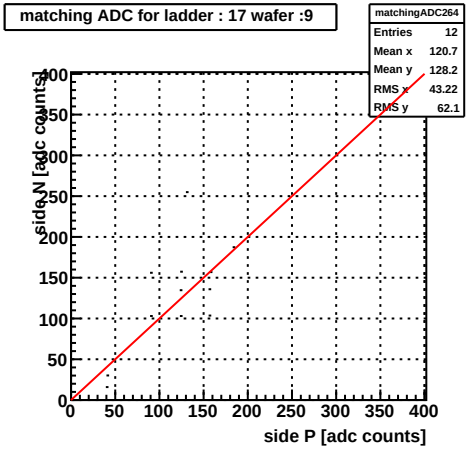

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 3
Mean x 29
Mean y 26.33
RMS x 15.58
RMS y 13.6
side N [adc counts]
side P [adc counts]

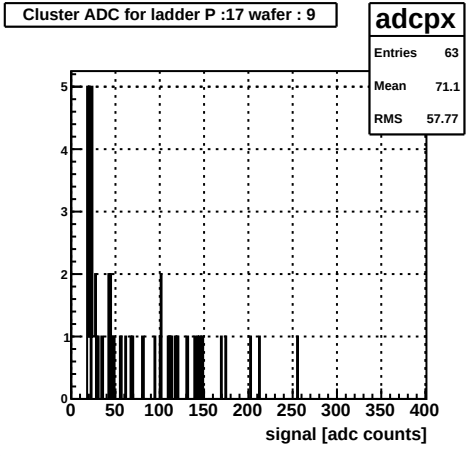

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 87
Mean 22.89
RMS 8.258
signal [adc counts]

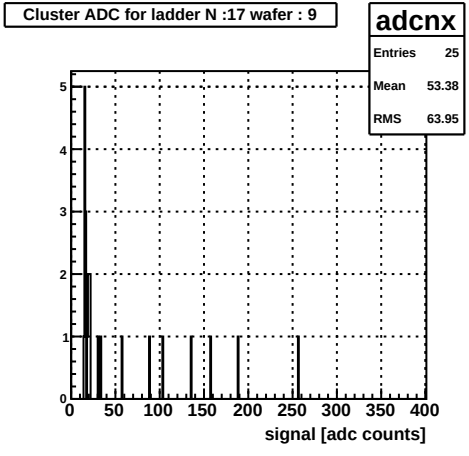

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 27
Mean 39.02
RMS 27.93
signal [adc counts]

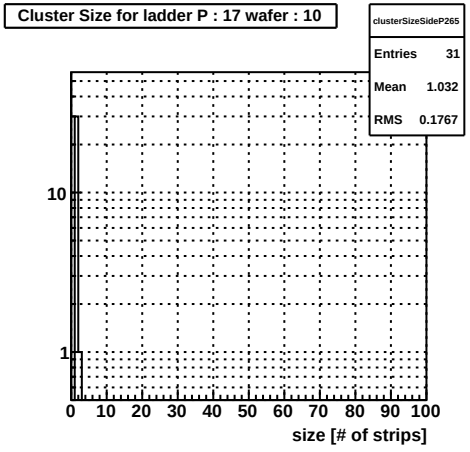

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 63
Mean 1.889
RMS 1.346
size [# of strips]

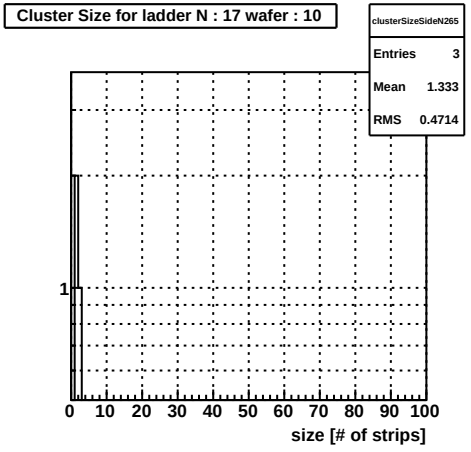

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 25
Mean 1.68
RMS 1.157
size [# of strips]

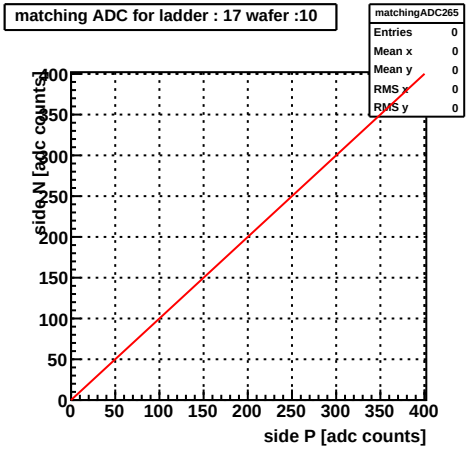

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 12
Mean x 120.7
Mean y 128.2
RMS x 43.22
RMS y 62.1
side N [adc counts]
side P [adc counts]

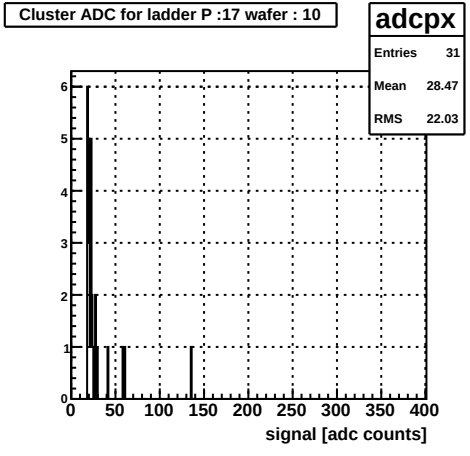

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 63
Mean 71.1
RMS 57.77
signal [adc counts]

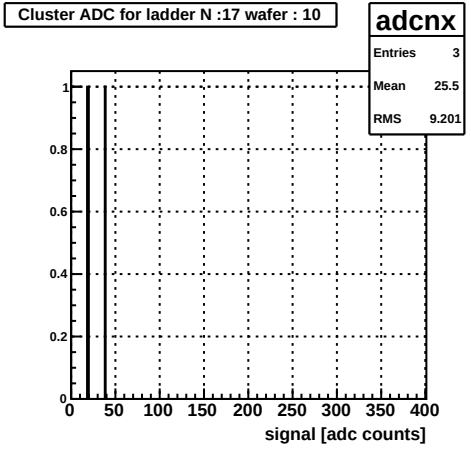

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 25
Mean 53.38
RMS 63.95
signal [adc counts]

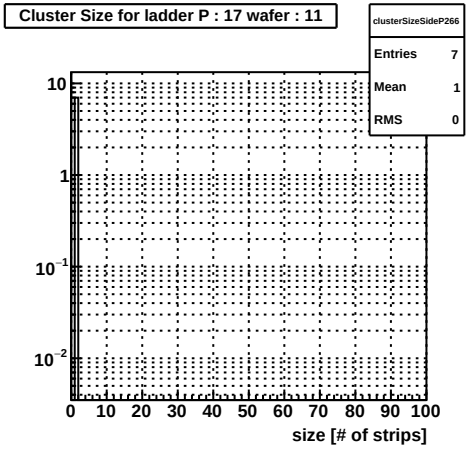

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 31
Mean 1.032
RMS 0.1767
size [# of strips]

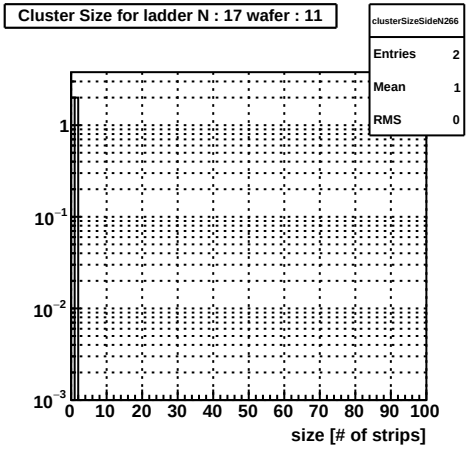

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 3
Mean 1.333
RMS 0.4714
size [# of strips]

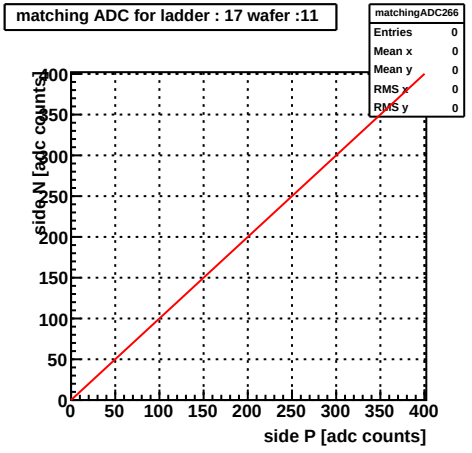

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

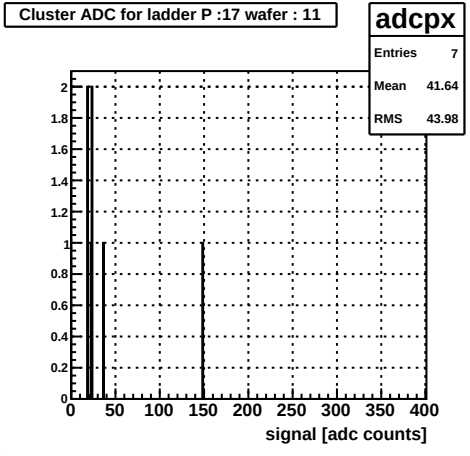

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 31
Mean 28.47
RMS 22.03
signal [adc counts]

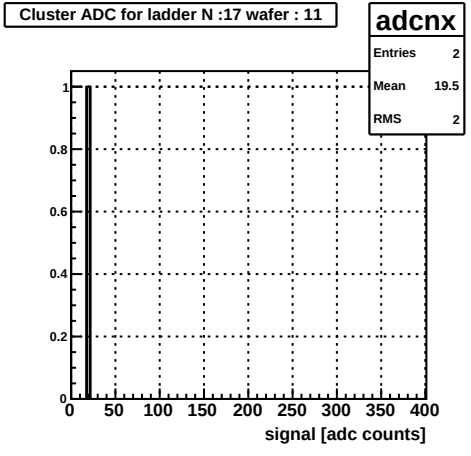

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 3
Mean 25.5
RMS 9.201
signal [adc counts]

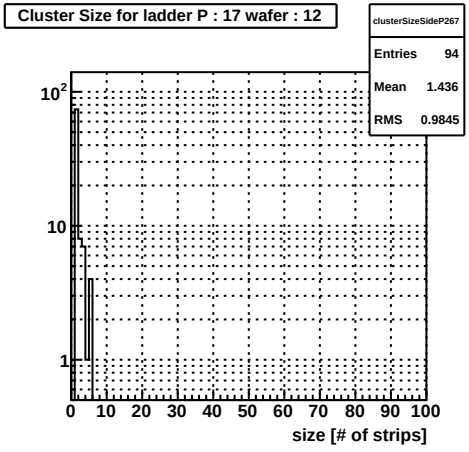

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7
Mean 1
RMS 0
size [# of strips]

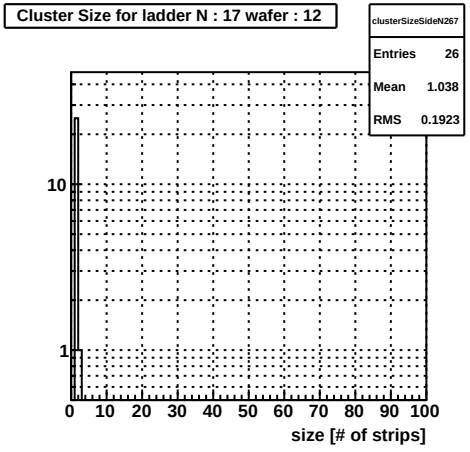

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 2
Mean 1
RMS 0
size [# of strips]

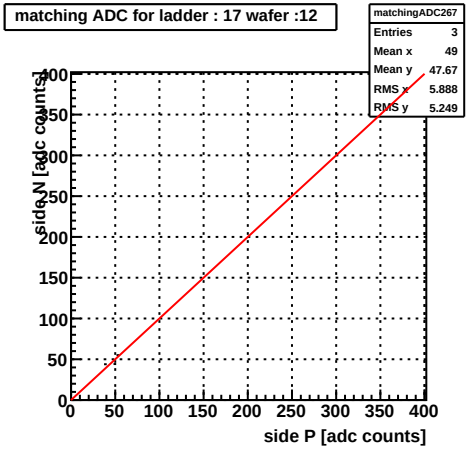

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

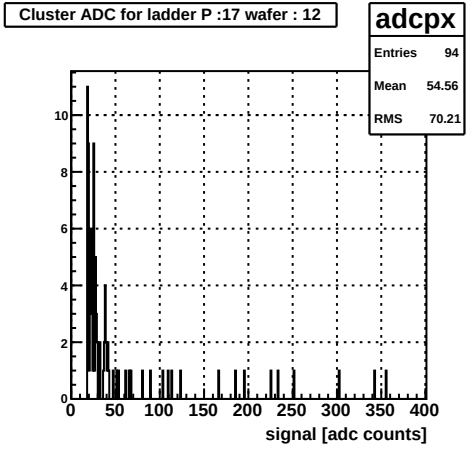

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7
Mean 41.64
RMS 43.98
signal [adc counts]

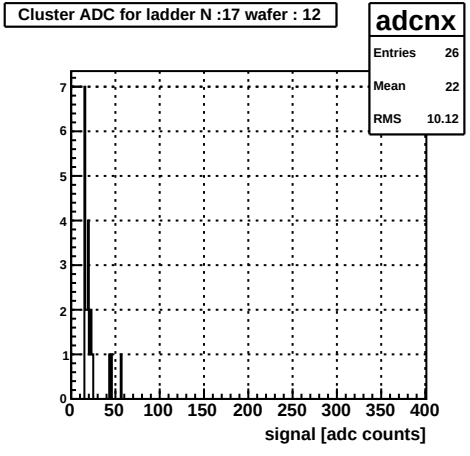

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 2
Mean 19.5
RMS 2
signal [adc counts]

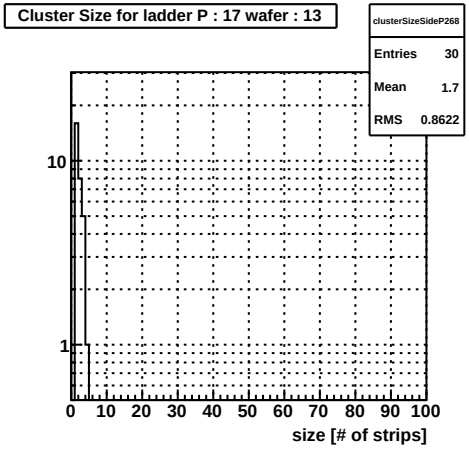

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 94
Mean 1.436
RMS 0.9845
size [# of strips]

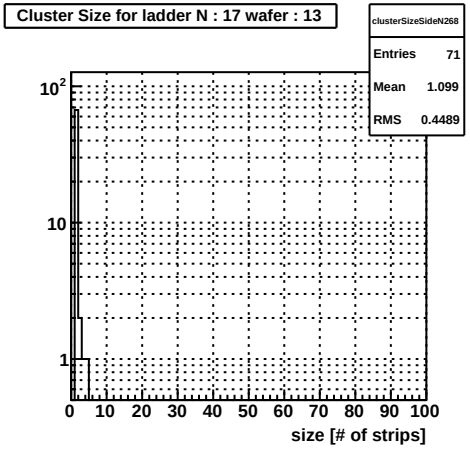

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 26
Mean 1.038
RMS 0.1923
size [# of strips]

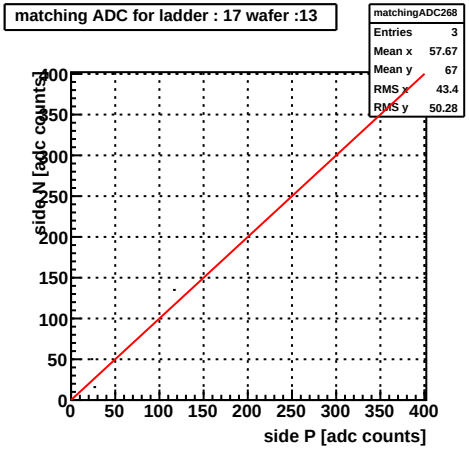

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 3
Mean x 49
Mean y 47.67
RMS x 5.888
RMS y 5.249
side N [adc counts]
side P [adc counts]

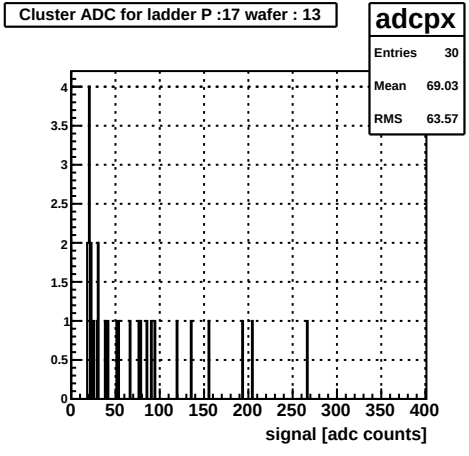

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 94
Mean 54.56
RMS 70.21
signal [adc counts]

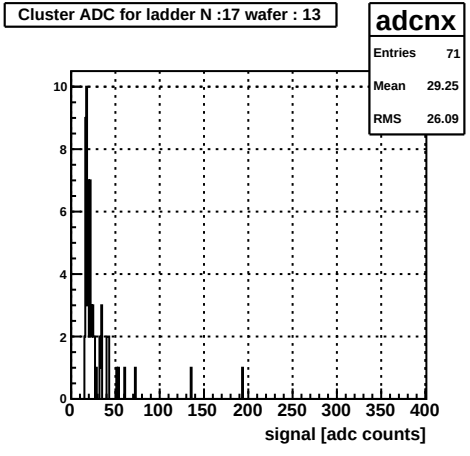

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 26
Mean 22
RMS 10.12
signal [adc counts]

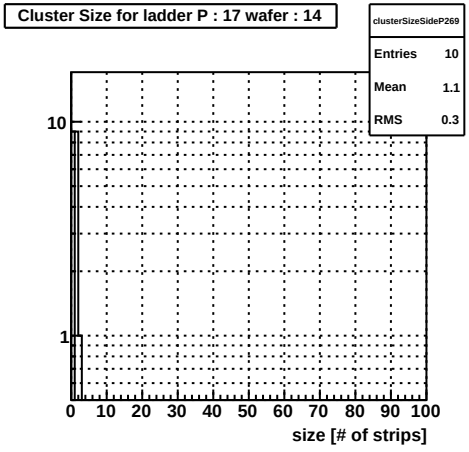

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 30
Mean 1.7
RMS 0.8622
size [# of strips]

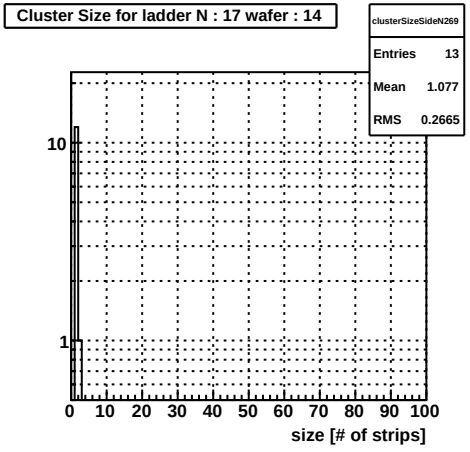

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 71
Mean 1.099
RMS 0.4489
size [# of strips]

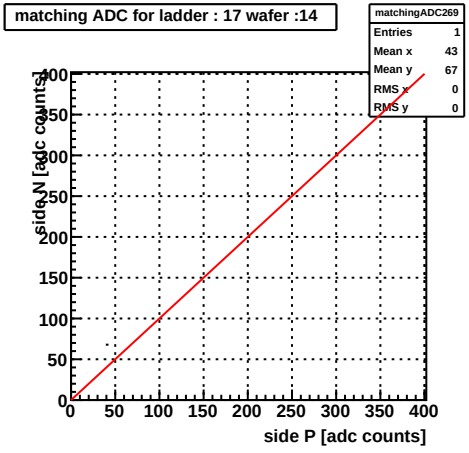

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 3
Mean x 57.67
Mean y 67
RMS x 43.4
RMS y 50.28
side N [adc counts]
side P [adc counts]

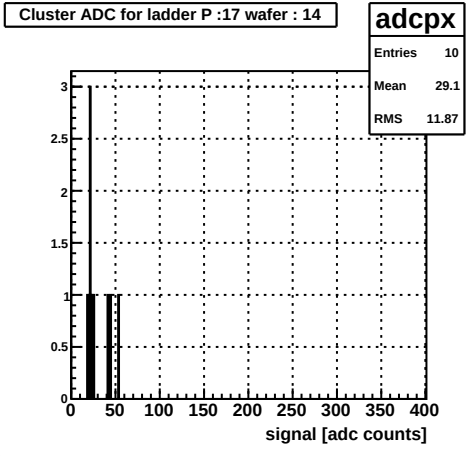

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 30
Mean 69.03
RMS 63.57
signal [adc counts]

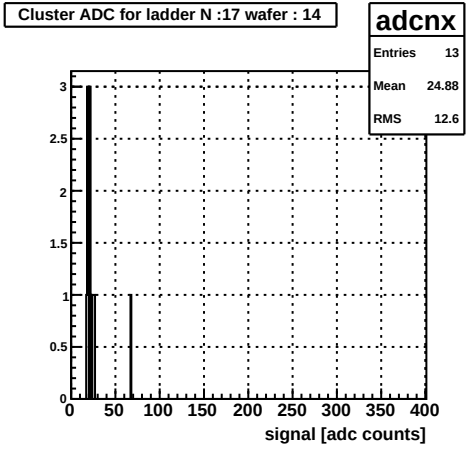

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 71
Mean 29.25
RMS 26.09
signal [adc counts]

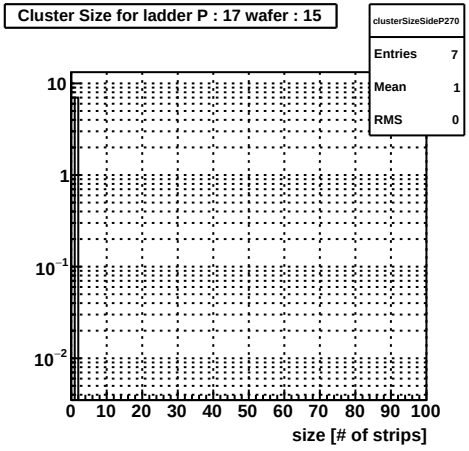

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

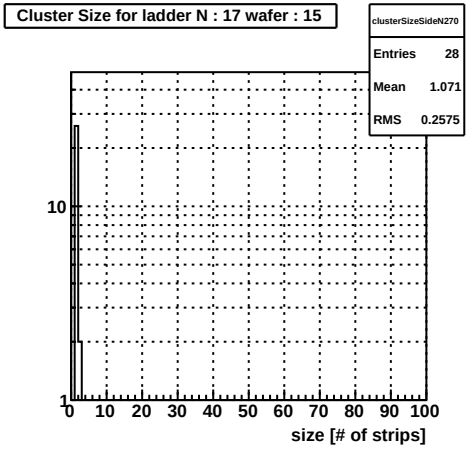

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 13
Mean 1.077
RMS 0.2665
size [# of strips]

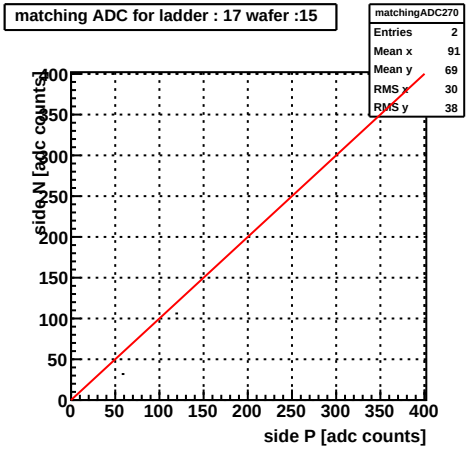

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1
Mean x 43
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

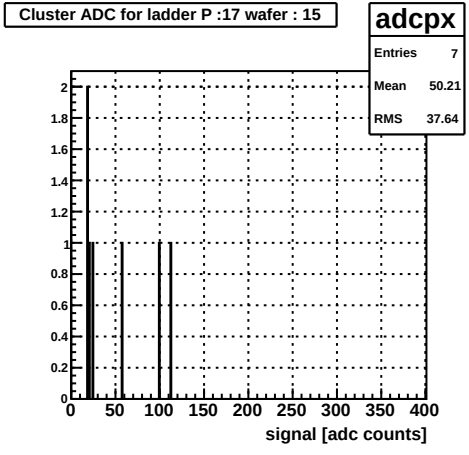

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 10
Mean 29.1
RMS 11.87
signal [adc counts]

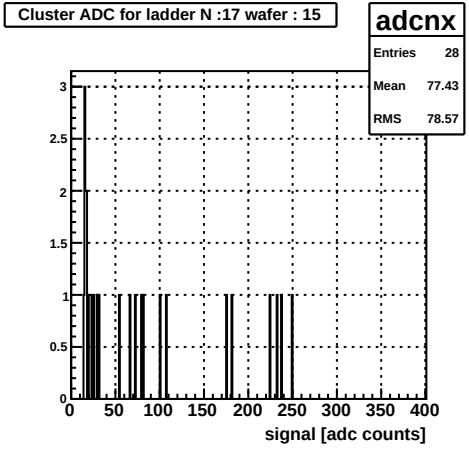

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 13
Mean 24.88
RMS 12.6
signal [adc counts]

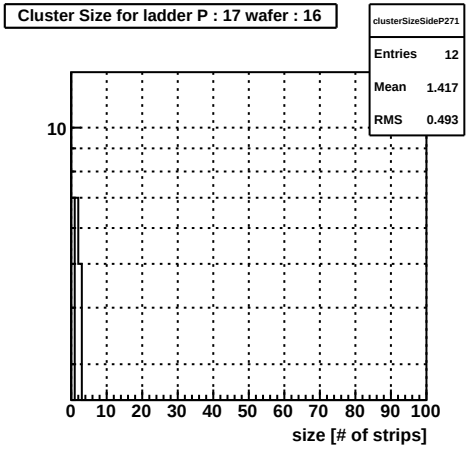

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7
Mean 1
RMS 0
size [# of strips]

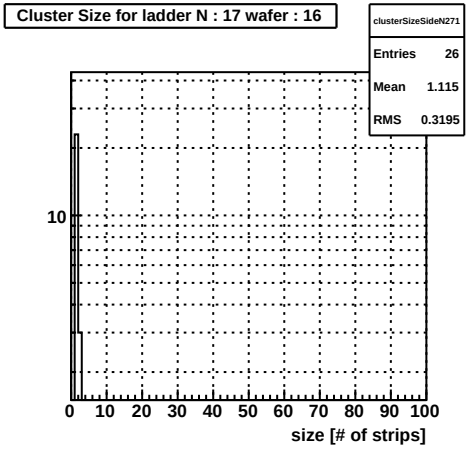

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 28
Mean 1.071
RMS 0.2575
size [# of strips]

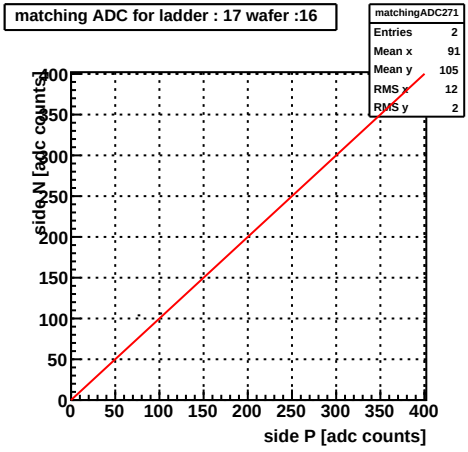

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 2
Mean x 91
Mean y 69
RMS x 30
RMS y 38
side N [adc counts]
side P [adc counts]

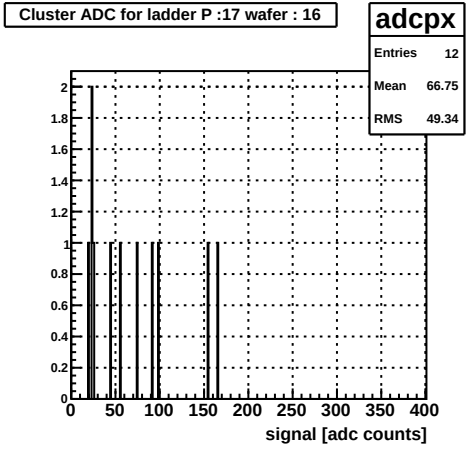

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7
Mean 50.21
RMS 37.64
signal [adc counts]

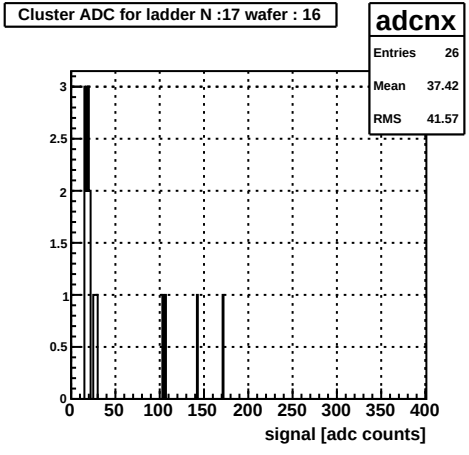

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 28
Mean 77.43
RMS 78.57
signal [adc counts]

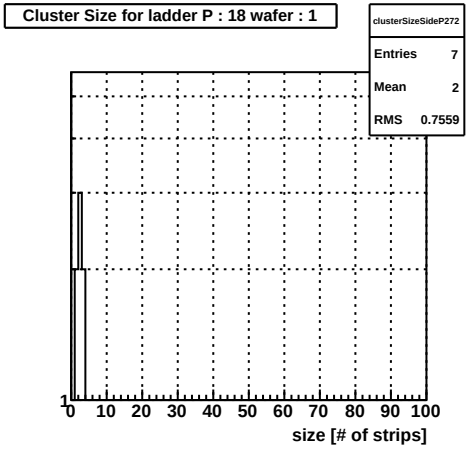

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 12
Mean 1.417
RMS 0.493
size [# of strips]

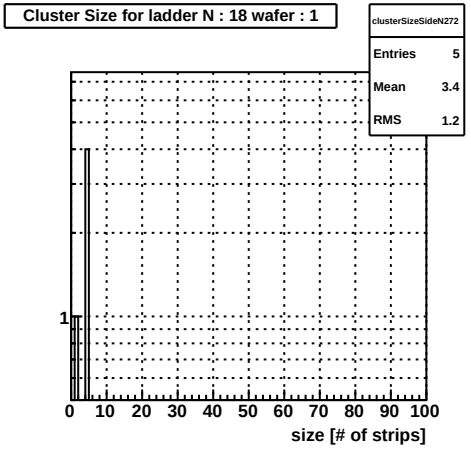

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 26
Mean 1.115
RMS 0.3195
size [# of strips]

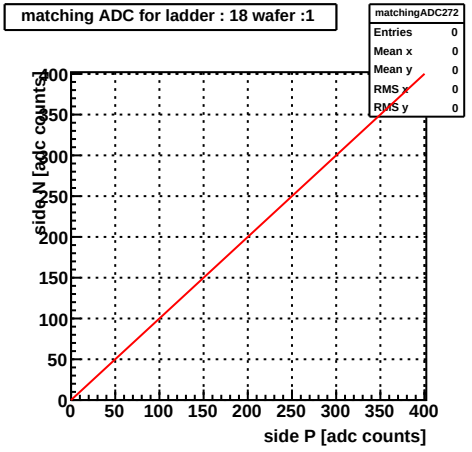

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 2
Mean x 91
Mean y 105
RMS x 12
RMS y 2
side N [adc counts]
side P [adc counts]

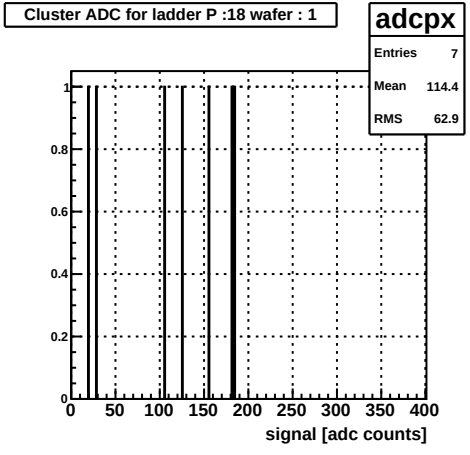

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 12
Mean 66.75
RMS 49.34
signal [adc counts]

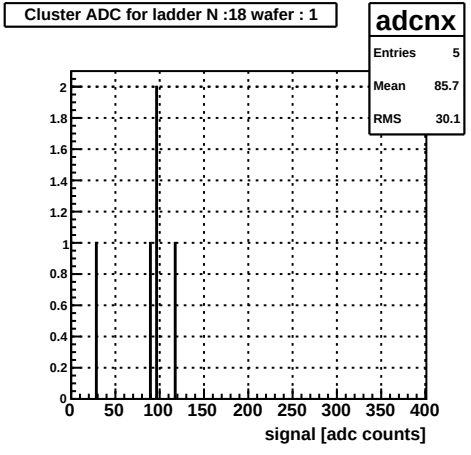

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 26
Mean 37.42
RMS 41.57
signal [adc counts]

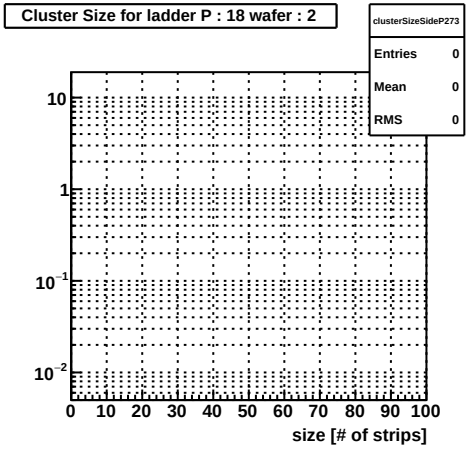

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 7
Mean 2
RMS 0.7559
size [# of strips]

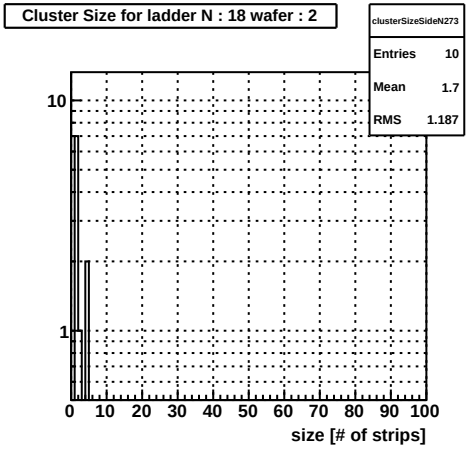

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 5
Mean 3.4
RMS 1.2
size [# of strips]

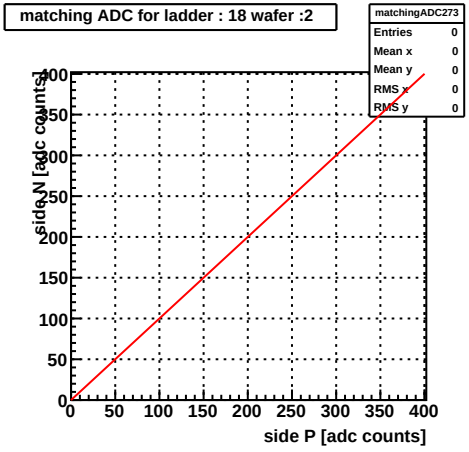

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

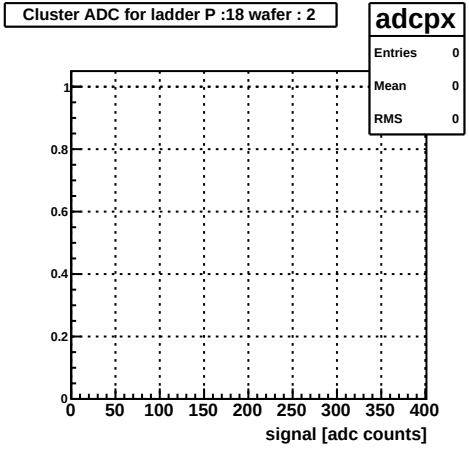

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 7
Mean 114.4
RMS 62.9
signal [adc counts]

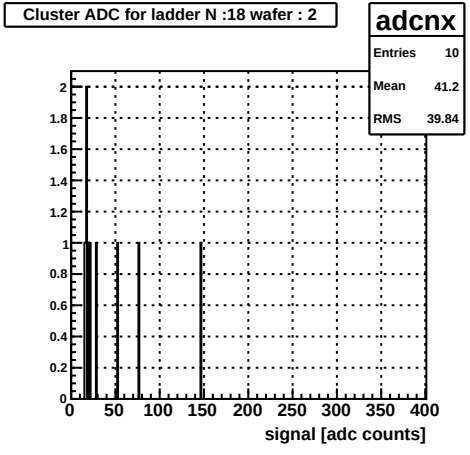

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 5
Mean 85.7
RMS 30.1
signal [adc counts]

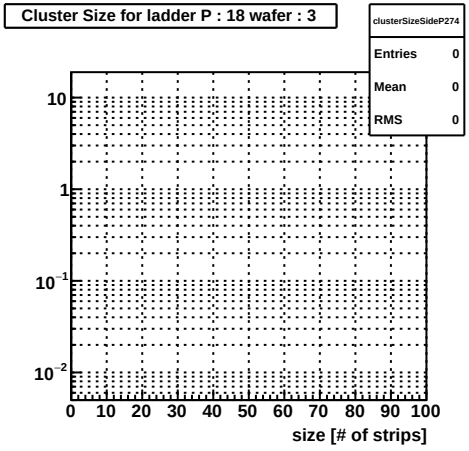

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

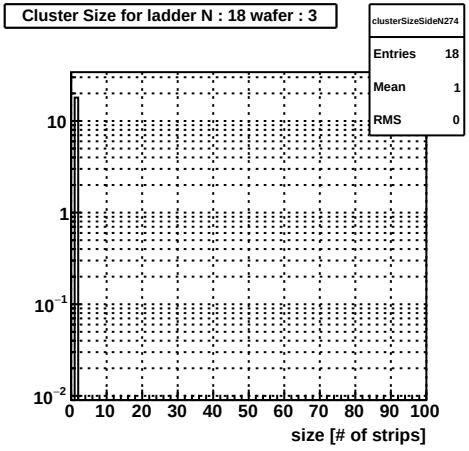

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 10
Mean 1.7
RMS 1.187
size [# of strips]

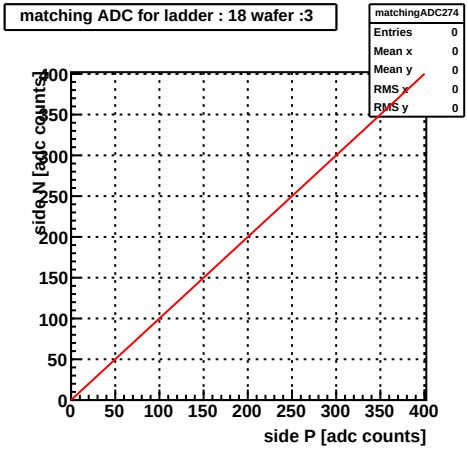

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

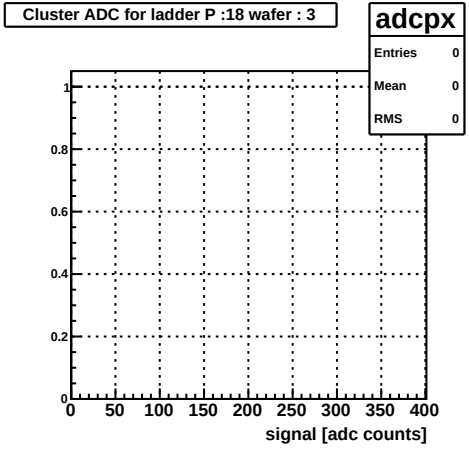

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

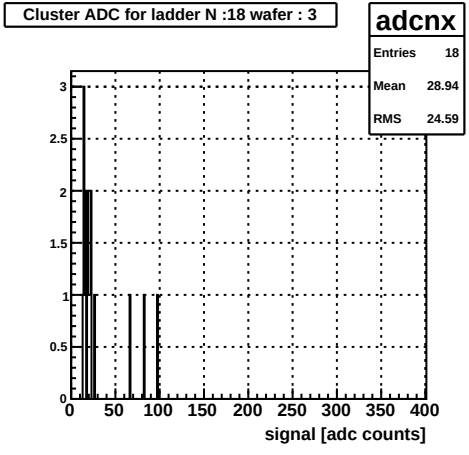

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 10
Mean 41.2
RMS 39.84
signal [adc counts]

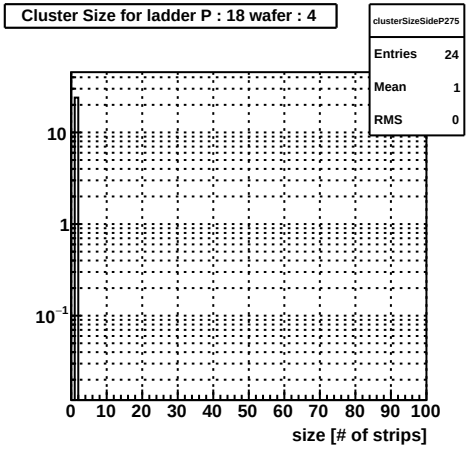

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

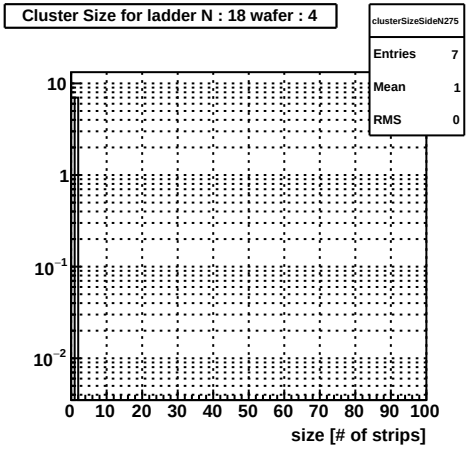

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 18
Mean 1
RMS 0
size [# of strips]

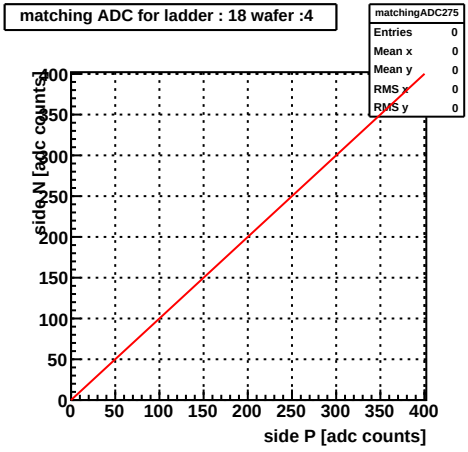

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

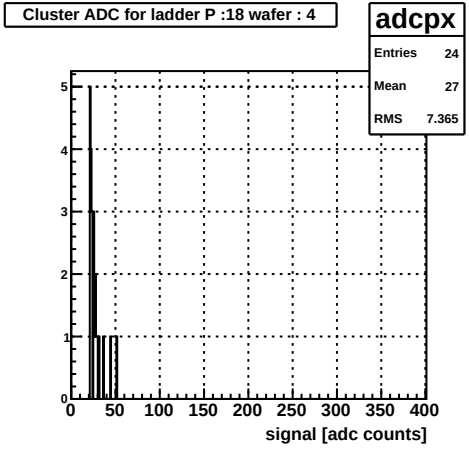

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

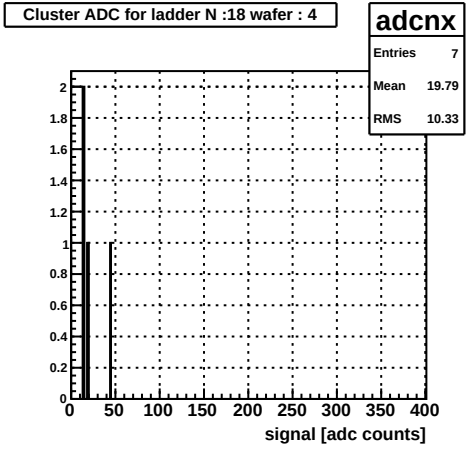

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 18
Mean 28.94
RMS 24.59
signal [adc counts]

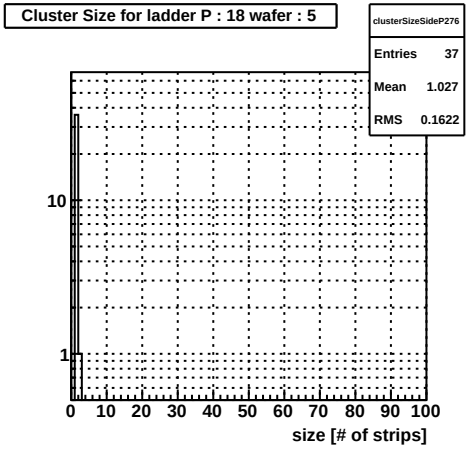

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 24
Mean 1
RMS 0
size [# of strips]

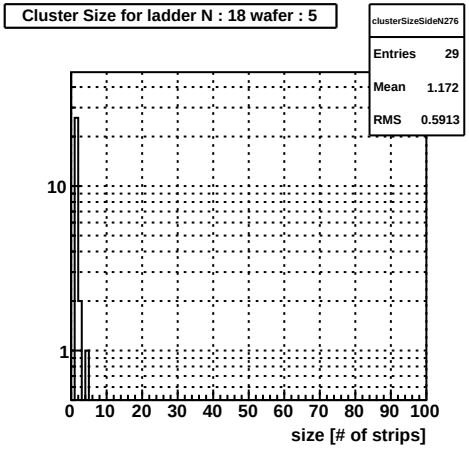

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 7
Mean 1
RMS 0
size [# of strips]

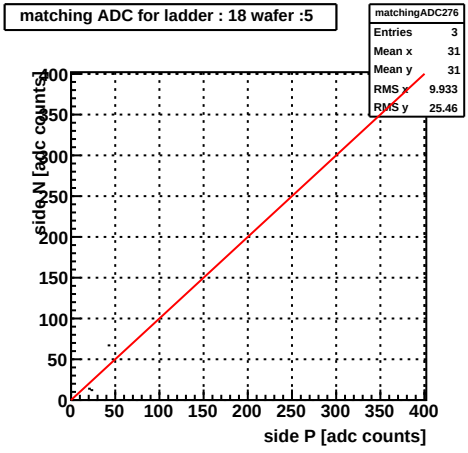

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

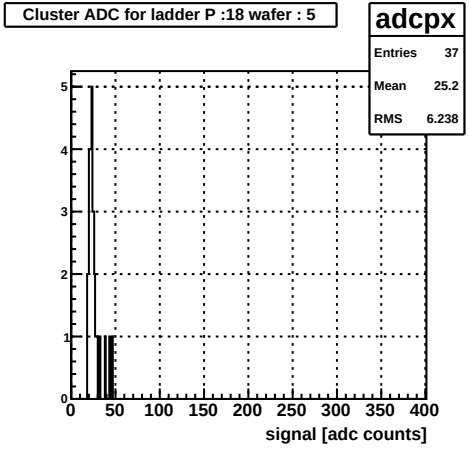

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 24
Mean 27
RMS 7.365
signal [adc counts]

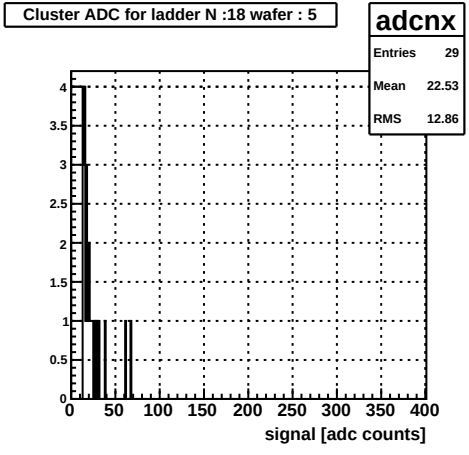

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 7
Mean 19.79
RMS 10.33
signal [adc counts]

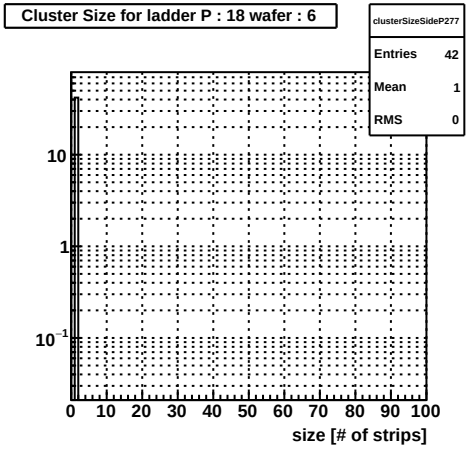

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 37
Mean 1.027
RMS 0.1622
size [# of strips]

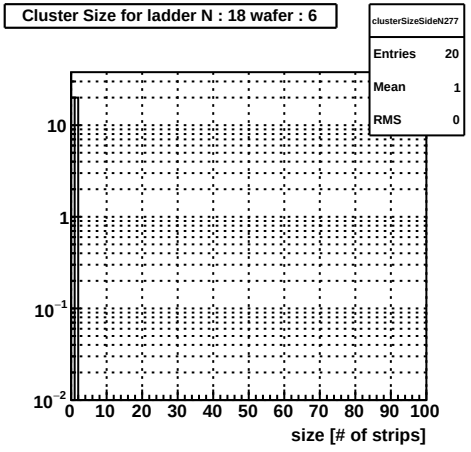

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 29
Mean 1.172
RMS 0.5913
size [# of strips]

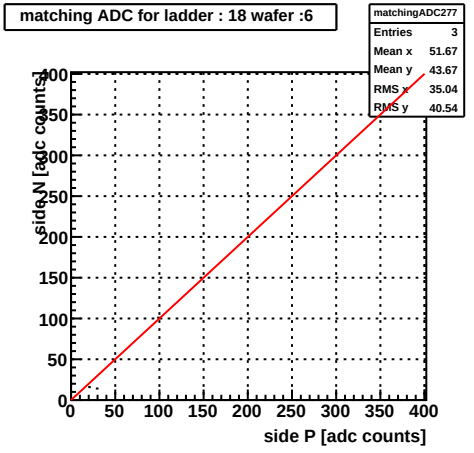

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 3
Mean x 31
Mean y 31
RMS x 9.933
RMS y 25.46
side N [adc counts]
side P [adc counts]

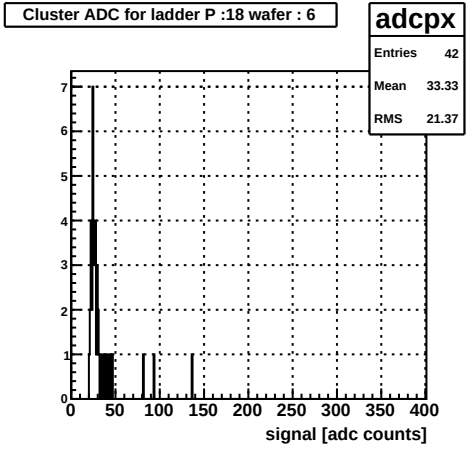

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 37
Mean 25.2
RMS 6.238
signal [adc counts]

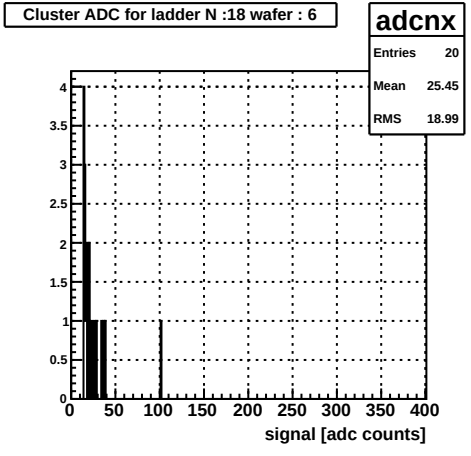

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 29
Mean 22.53
RMS 12.86
signal [adc counts]

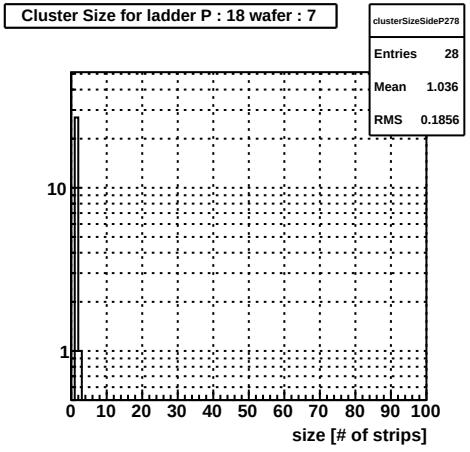

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 42
Mean 1
RMS 0
size [# of strips]

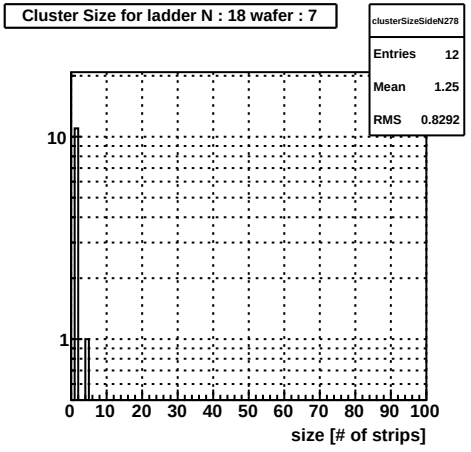

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 20
Mean 1
RMS 0
size [# of strips]

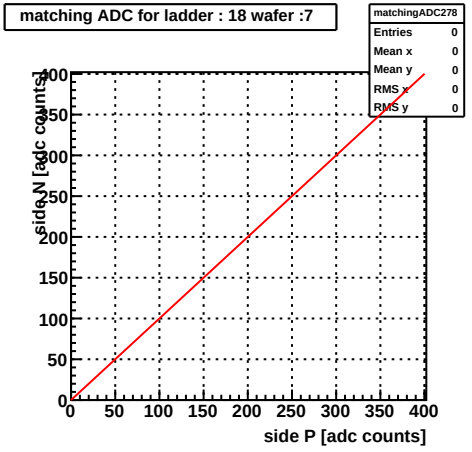

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 3
Mean x 51.67
Mean y 43.67
RMS x 35.04
RMS y 40.54
side N [adc counts]
side P [adc counts]

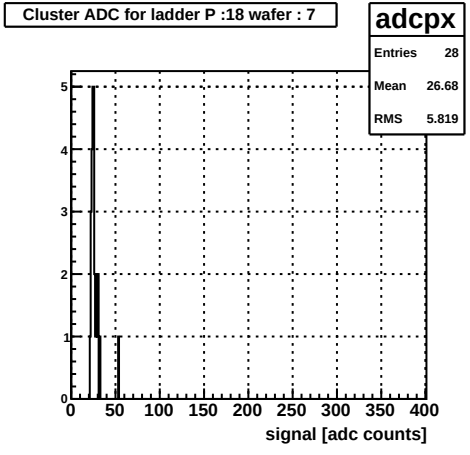

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 42
Mean 33.33
RMS 21.37
signal [adc counts]

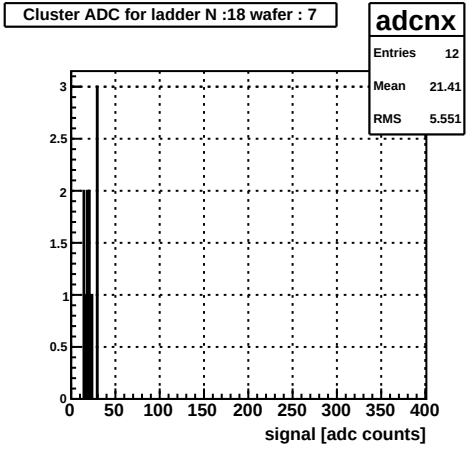

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 20
Mean 25.45
RMS 18.99
signal [adc counts]

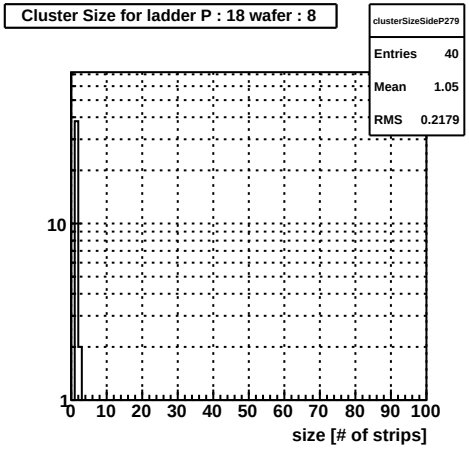

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

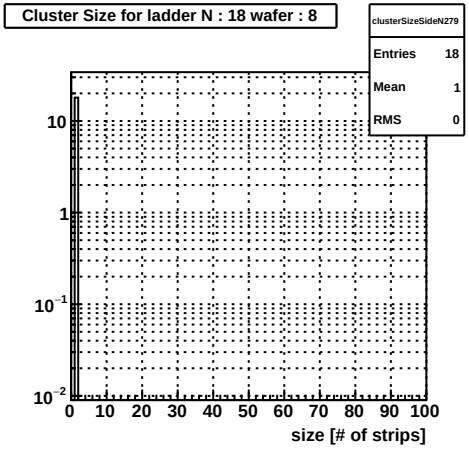

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 12
Mean 1.25
RMS 0.8292
size [# of strips]

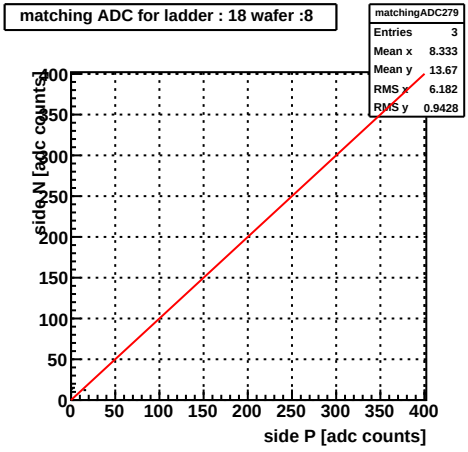

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

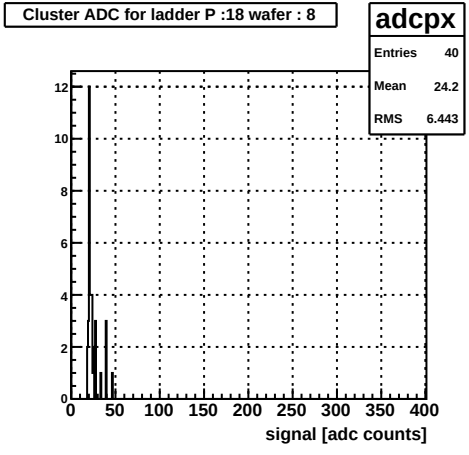

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 28
Mean 26.68
RMS 5.819
signal [adc counts]

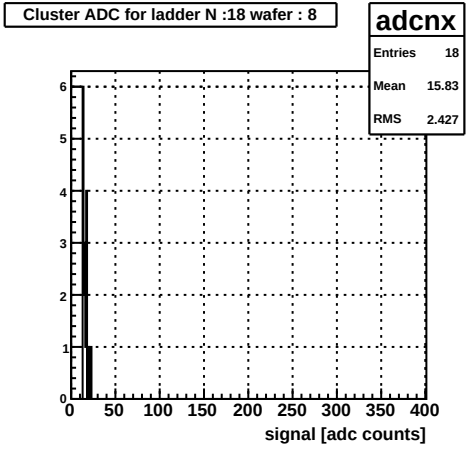

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 12
Mean 21.41
RMS 5.551
signal [adc counts]

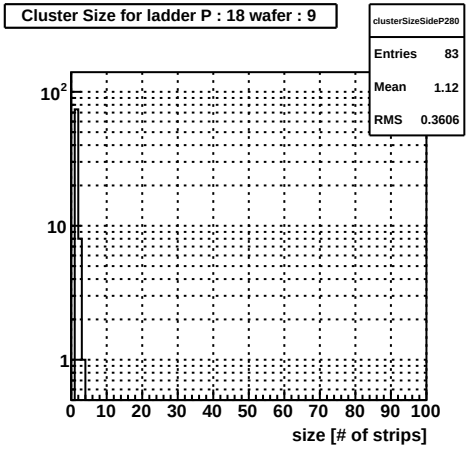

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 40
Mean 1.05
RMS 0.2179
size [# of strips]

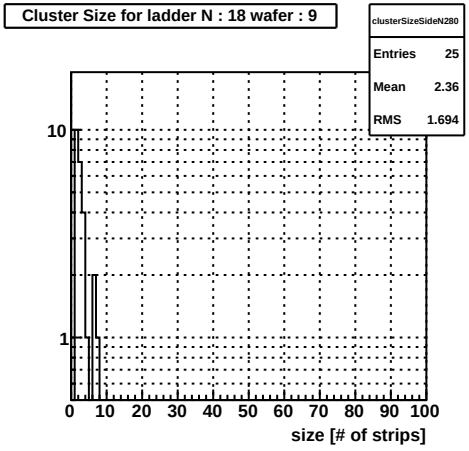

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 18
Mean 1
RMS 0
size [# of strips]

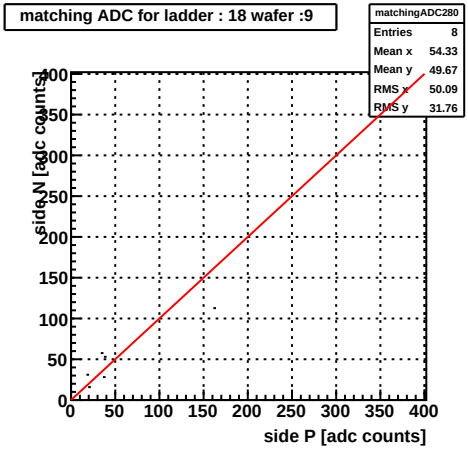

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 3
Mean x 8.333
Mean y 13.67
RMS x 6.182
RMS y 0.9428
side N [adc counts]
side P [adc counts]

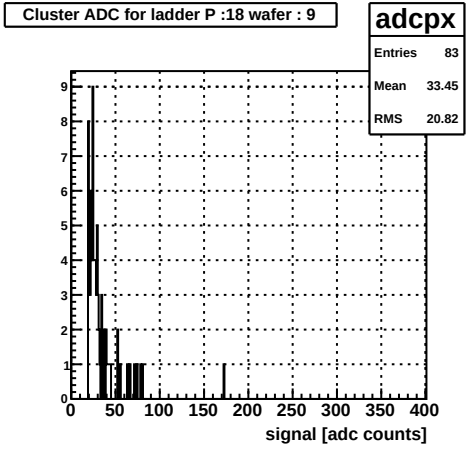

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 40
Mean 24.2
RMS 6.443
signal [adc counts]

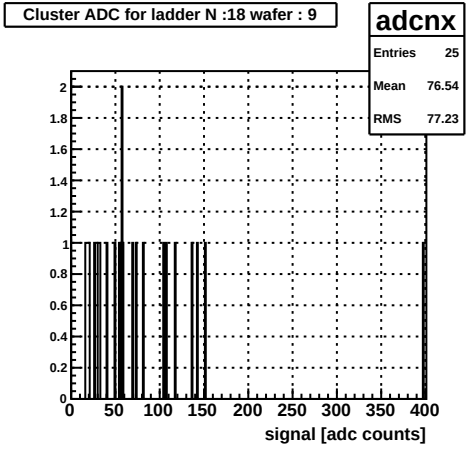

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 18
Mean 15.83
RMS 2.427
signal [adc counts]

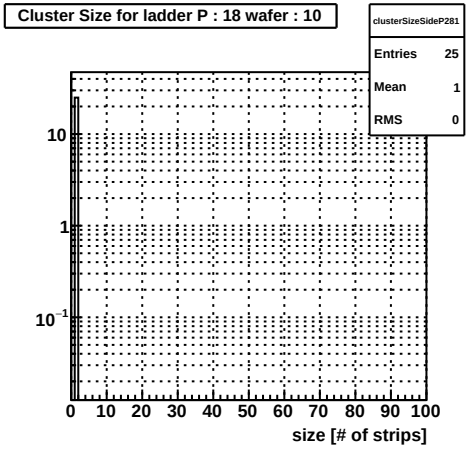

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 83
Mean 1.12
RMS 0.3606
size [# of strips]

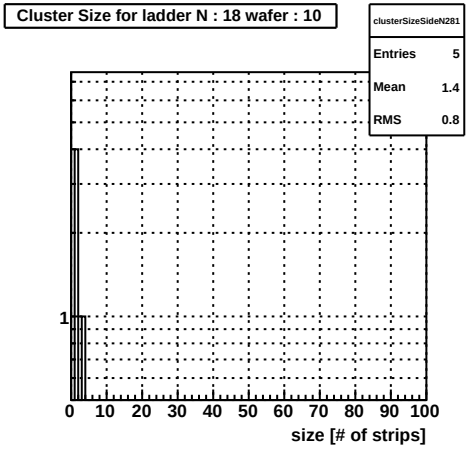

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 25
Mean 2.36
RMS 1.694
size [# of strips]

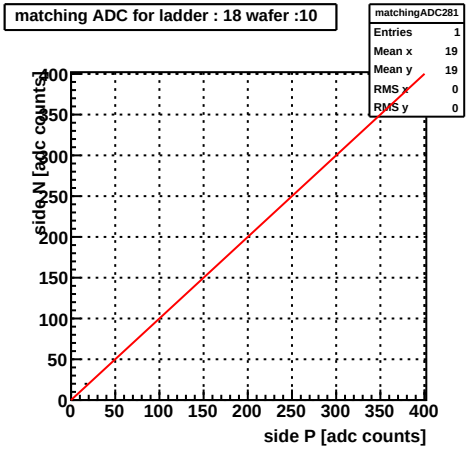

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 8
Mean x 54.33
Mean y 49.67
RMS x 50.09
RMS y 31.76
side N [adc counts]
side P [adc counts]

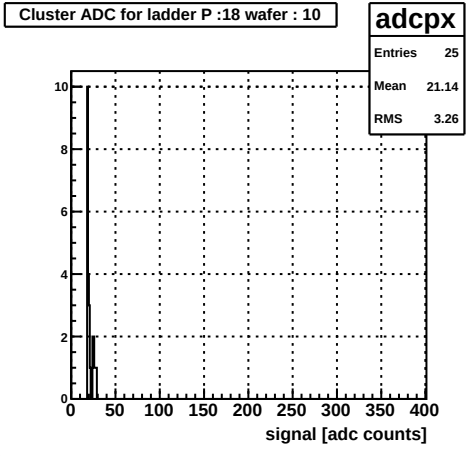

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 83
Mean 33.45
RMS 20.82
signal [adc counts]

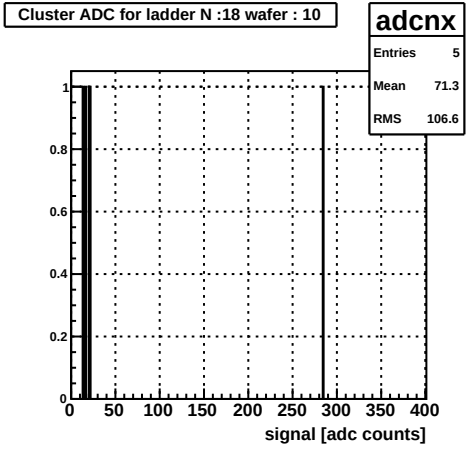

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 25
Mean 76.54
RMS 77.23
signal [adc counts]

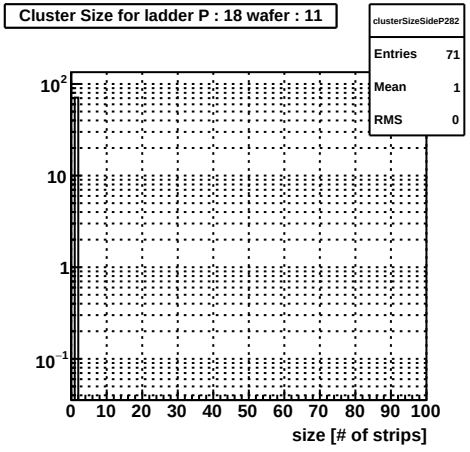

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 25
Mean 1
RMS 0
size [# of strips]

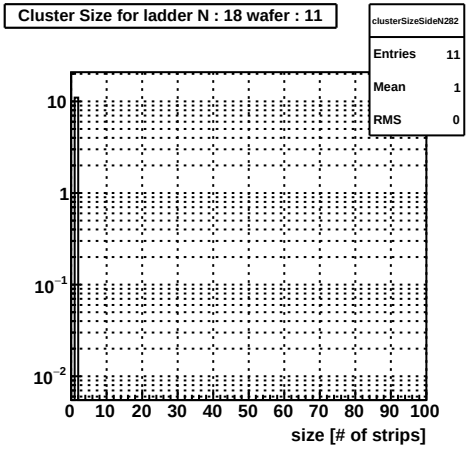

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 5
Mean 1.4
RMS 0.8
size [# of strips]

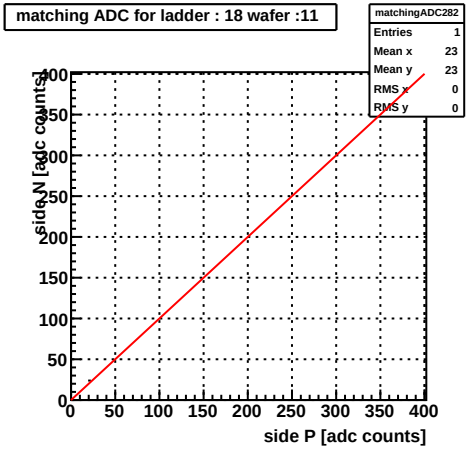

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1
Mean x 19
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

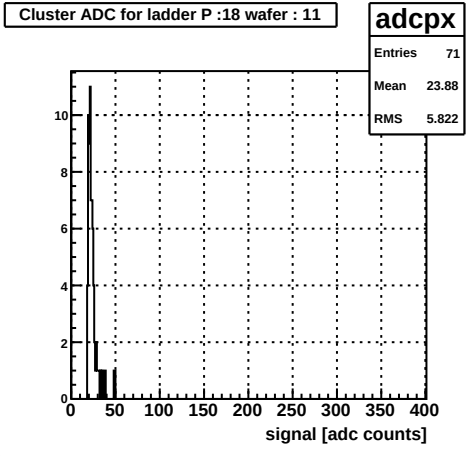

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 25
Mean 21.14
RMS 3.26
signal [adc counts]

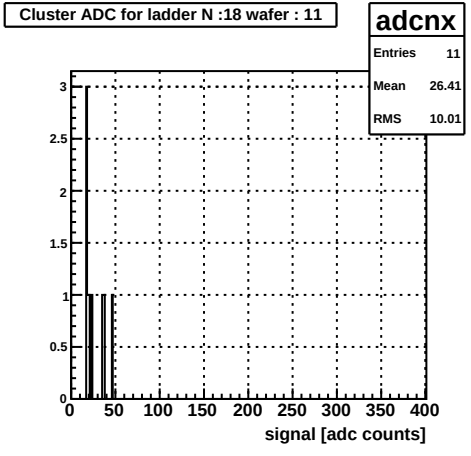

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 5
Mean 71.3
RMS 106.6
signal [adc counts]

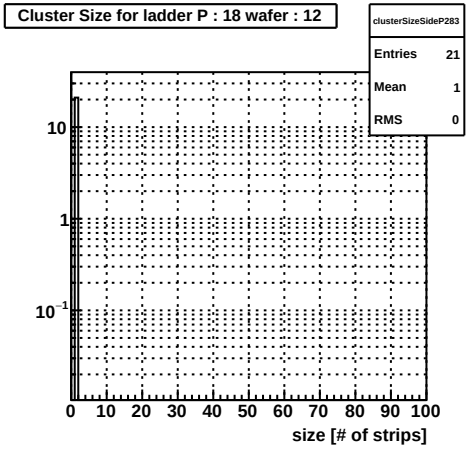

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 71
Mean 1
RMS 0
size [# of strips]

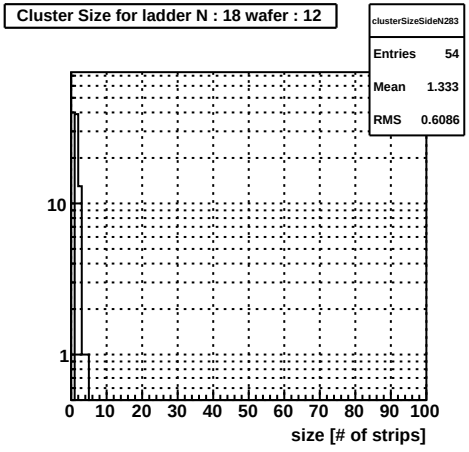

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 11
Mean 1
RMS 0
size [# of strips]

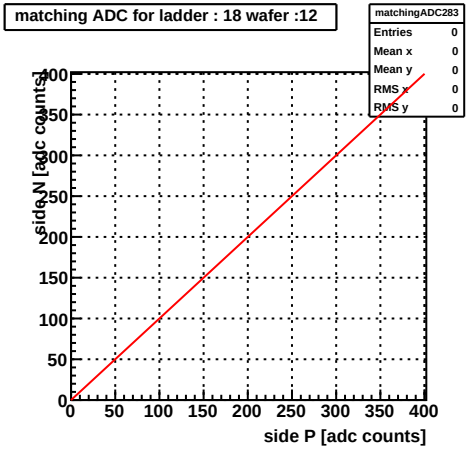

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1
Mean x 23
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

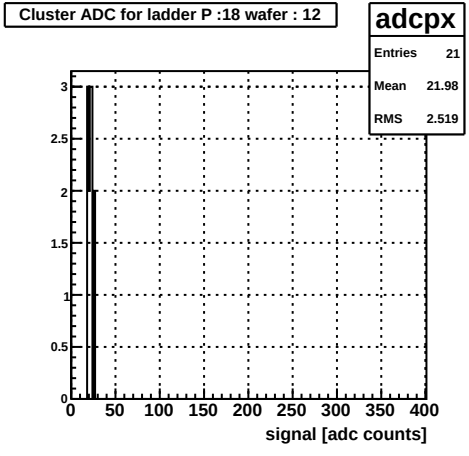

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 71
Mean 23.88
RMS 5.822
signal [adc counts]

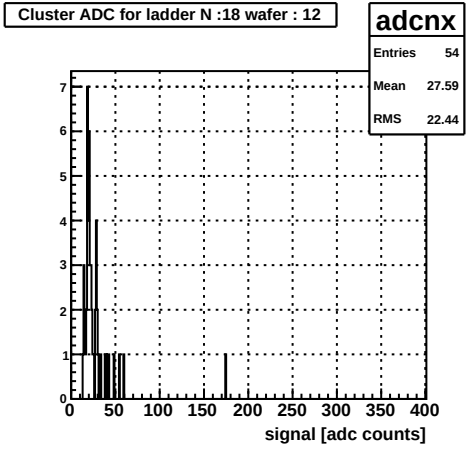

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 11
Mean 26.41
RMS 10.01
signal [adc counts]

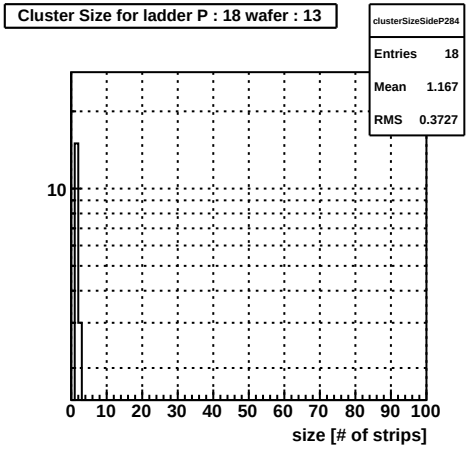

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 21
Mean 1
RMS 0
size [# of strips]

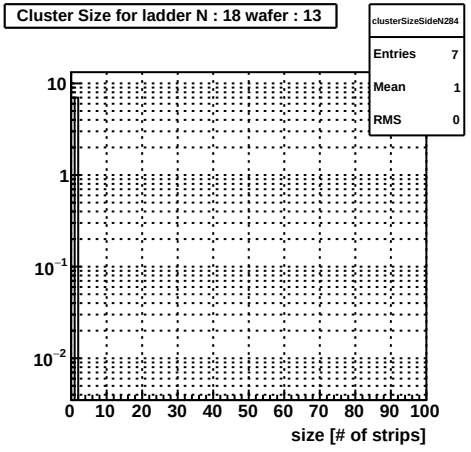

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 54
Mean 1.333
RMS 0.6086
size [# of strips]

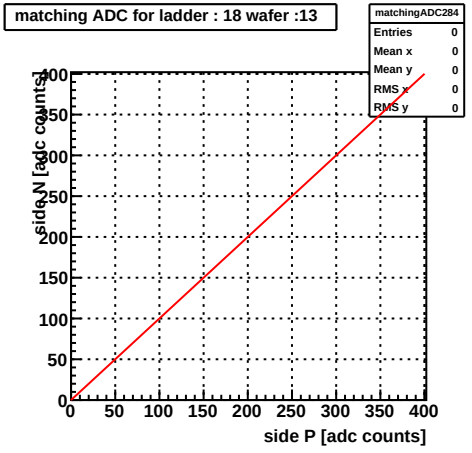

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

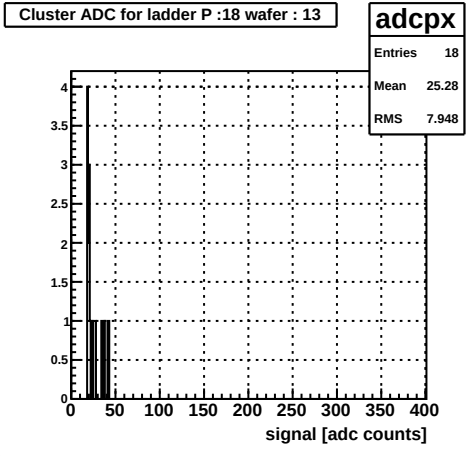

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 21
Mean 21.98
RMS 2.519
signal [adc counts]

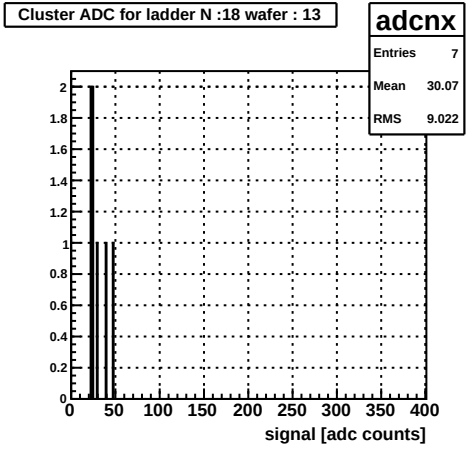

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 54
Mean 27.59
RMS 22.44
signal [adc counts]

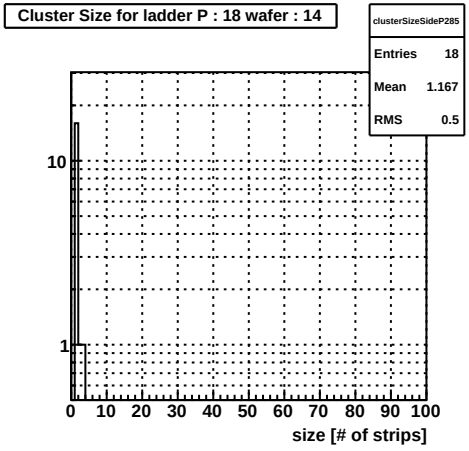

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 18
Mean 1.167
RMS 0.3727
size [# of strips]

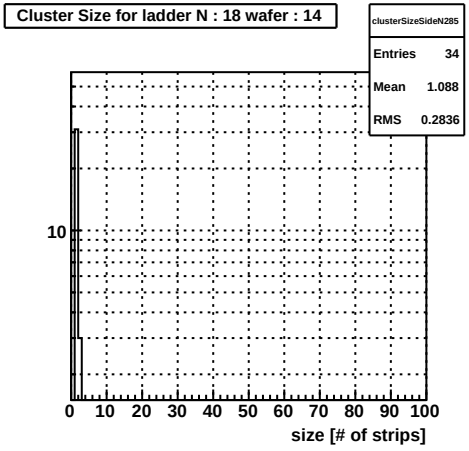

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 7
Mean 1
RMS 0
size [# of strips]

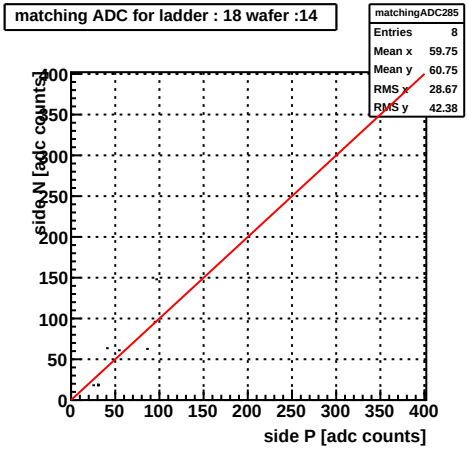

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

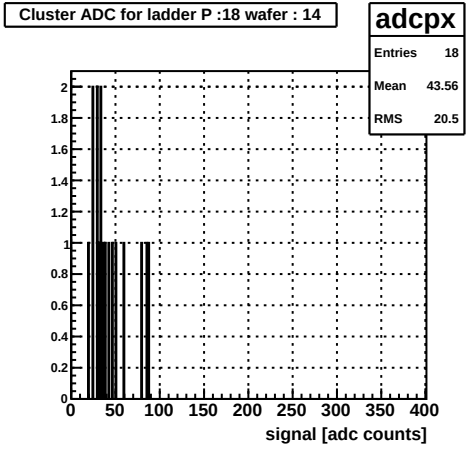

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 18
Mean 25.28
RMS 7.948
signal [adc counts]

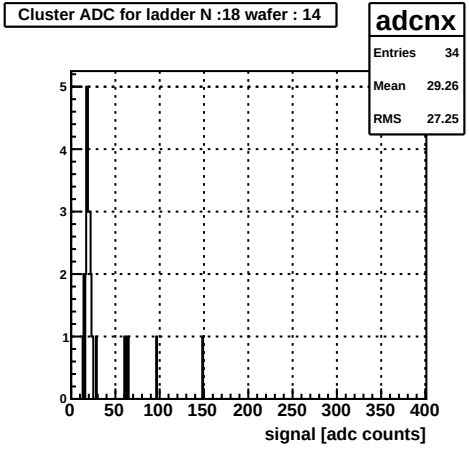

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 7
Mean 30.07
RMS 9.022
signal [adc counts]

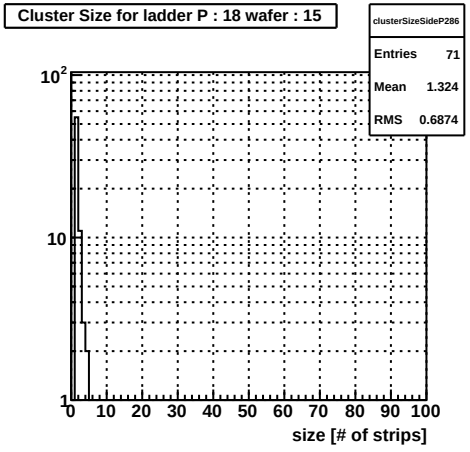

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 18
Mean 1.167
RMS 0.5
size [# of strips]

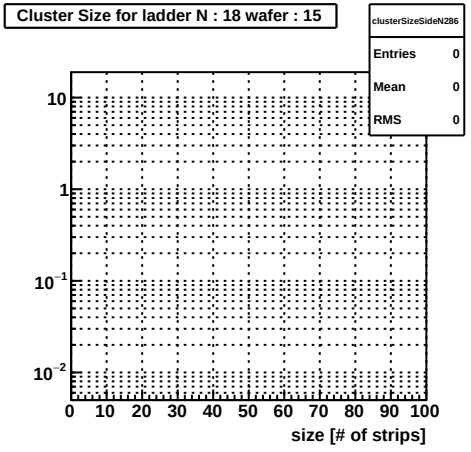

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 34
Mean 1.088
RMS 0.2836
size [# of strips]

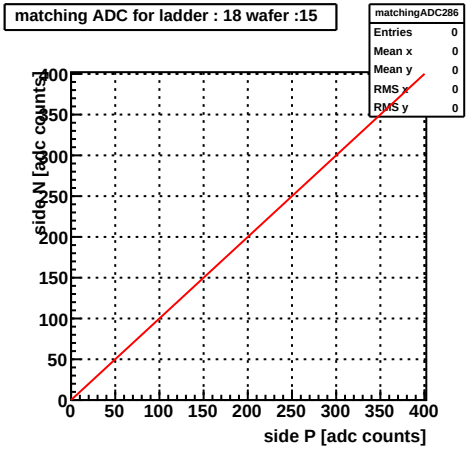

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 8
Mean x 59.75
Mean y 60.75
RMS x 28.67
RMS y 42.38
side N [adc counts]
side P [adc counts]

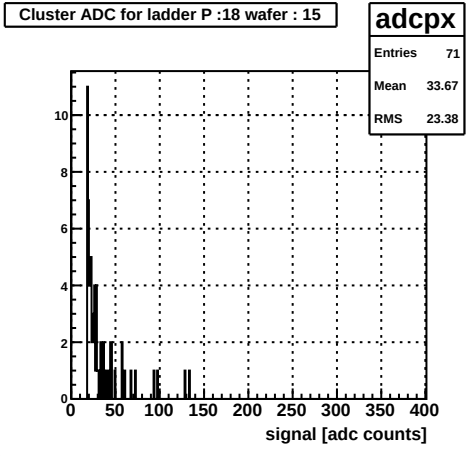

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 18
Mean 43.56
RMS 20.5
signal [adc counts]

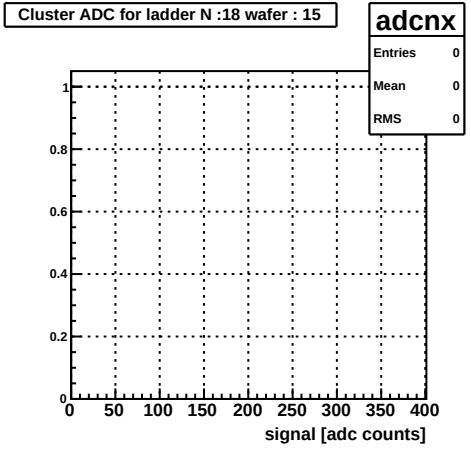

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 34
Mean 29.26
RMS 27.25
signal [adc counts]

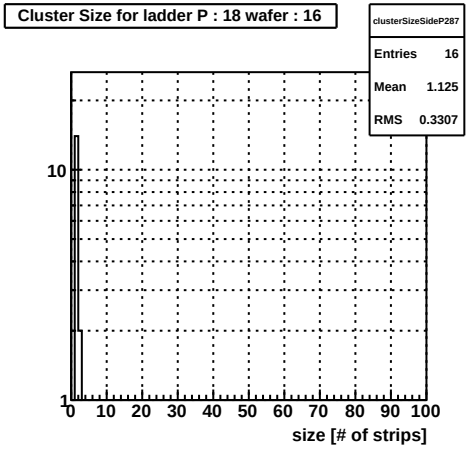

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 71
Mean 1.324
RMS 0.6874
size [# of strips]

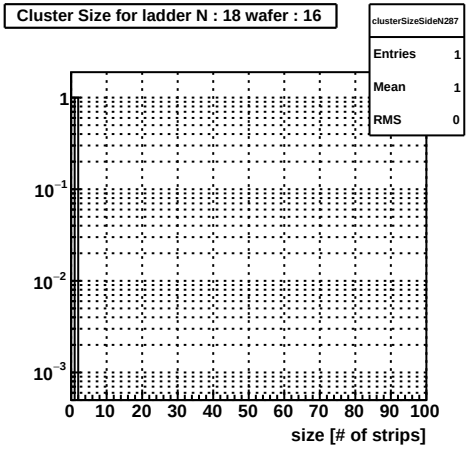

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 0
Mean 0
RMS 0
size [# of strips]

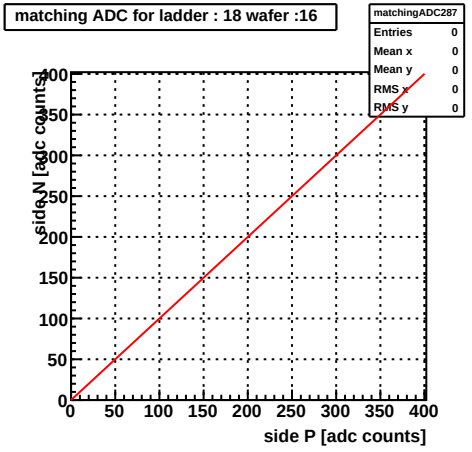

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

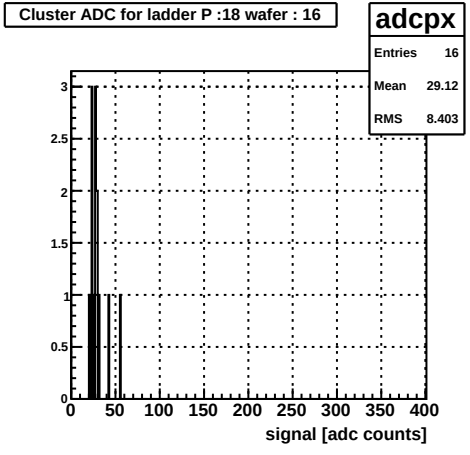

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 71
Mean 33.67
RMS 23.38
signal [adc counts]

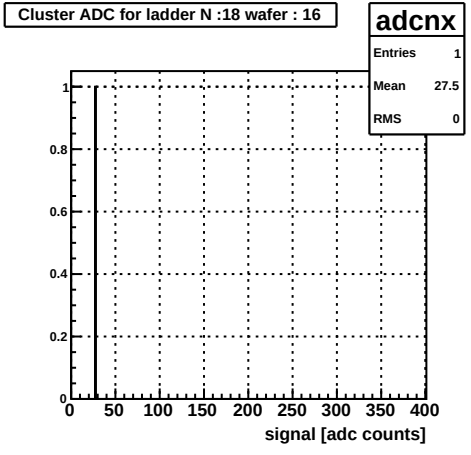

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

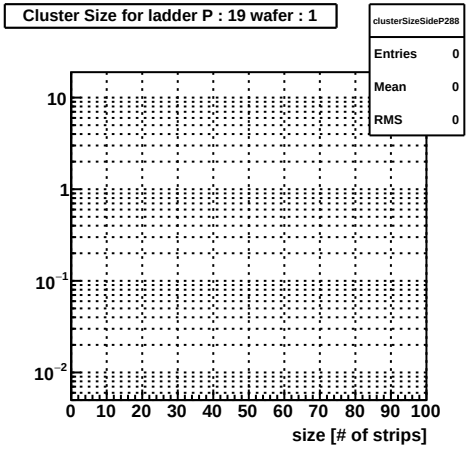

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 16
Mean 1.125
RMS 0.3307
size [# of strips]

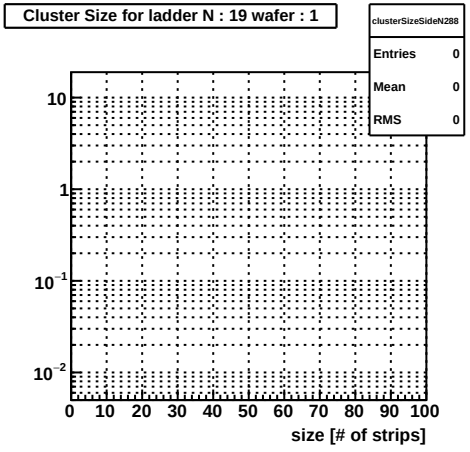

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 1
Mean 1
RMS 0
size [# of strips]

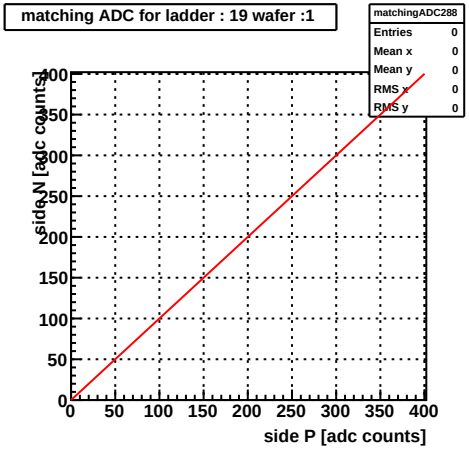

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

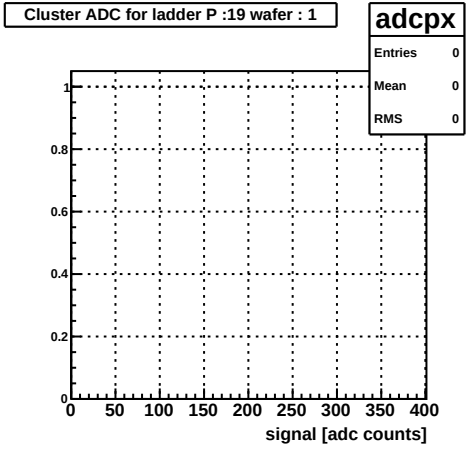

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 16
Mean 29.12
RMS 8.403
signal [adc counts]

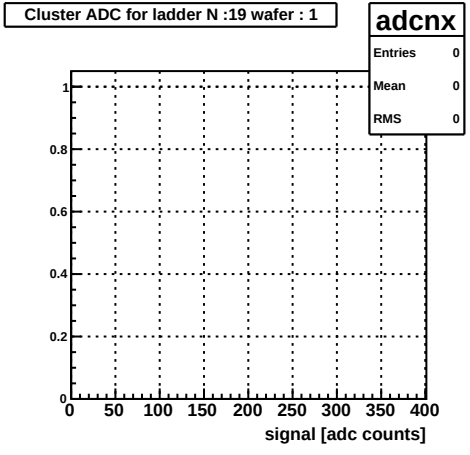

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 1
Mean 27.5
RMS 0
signal [adc counts]

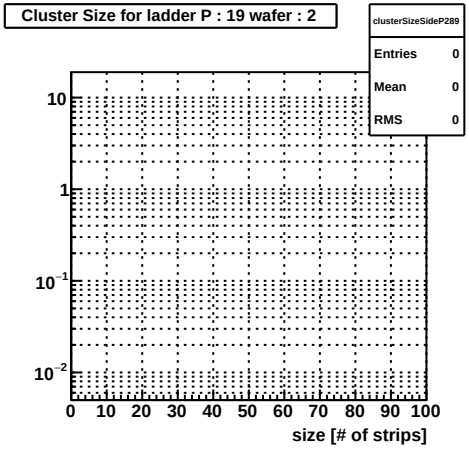

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

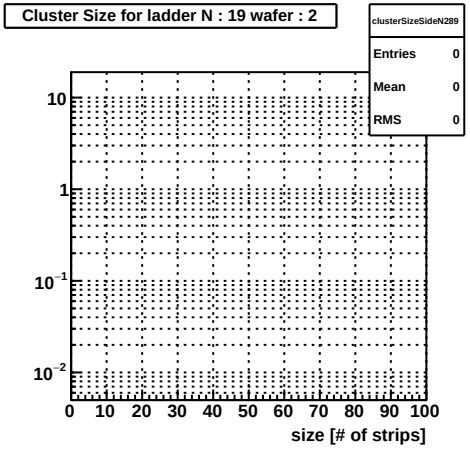

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

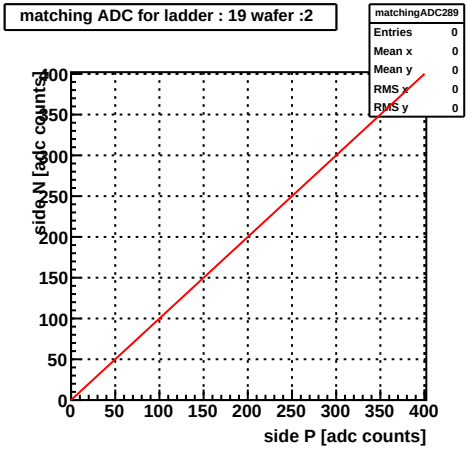

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

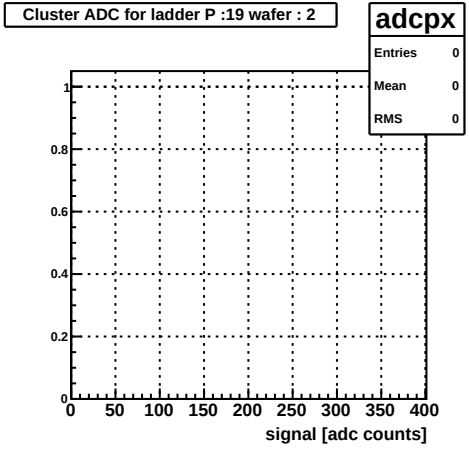

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

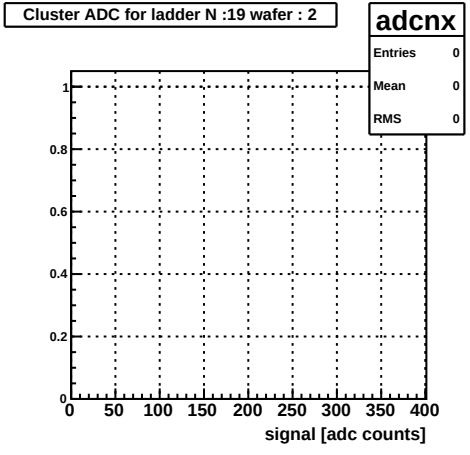

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

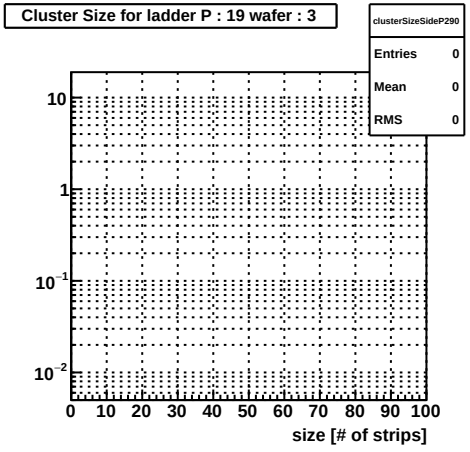

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

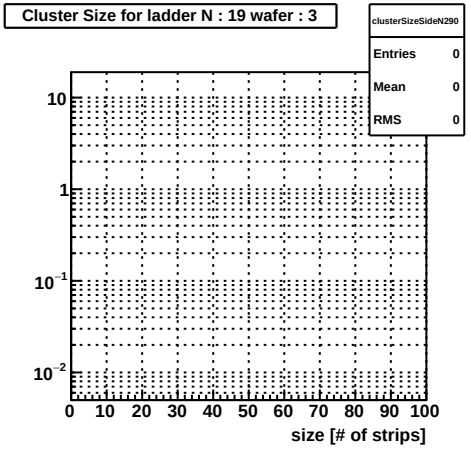

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

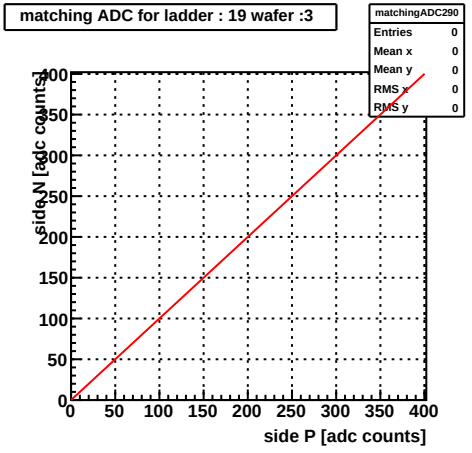

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

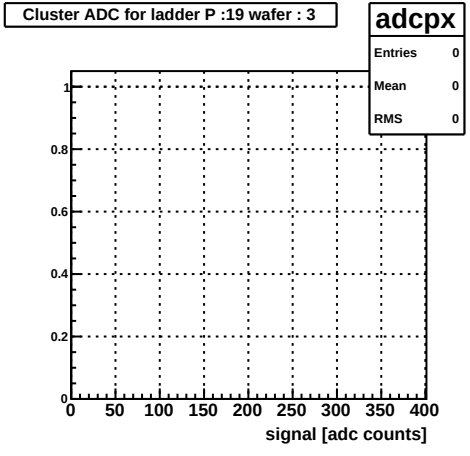

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

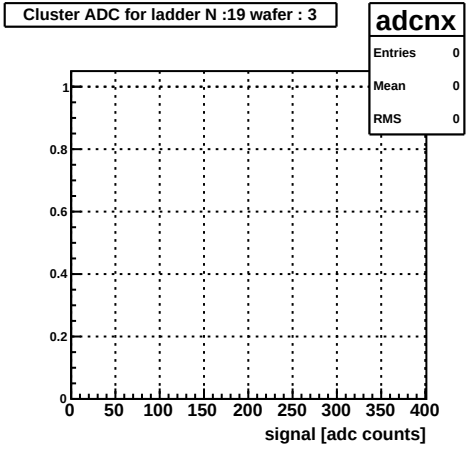

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

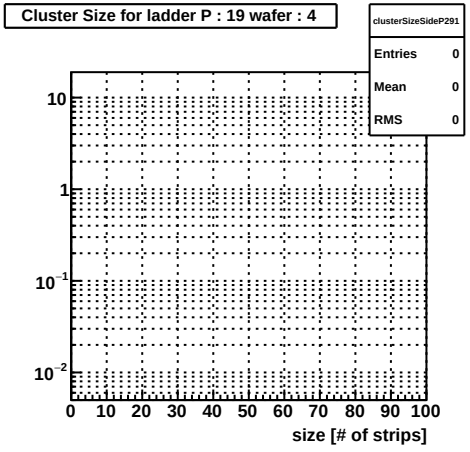

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

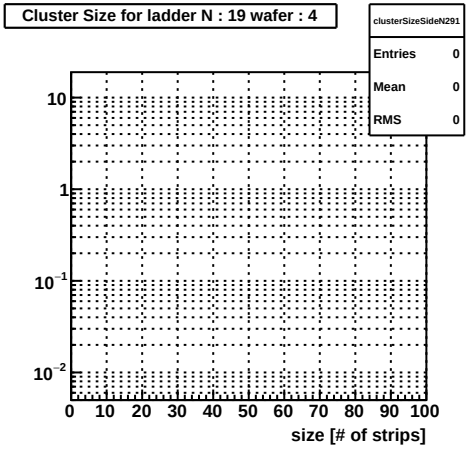

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

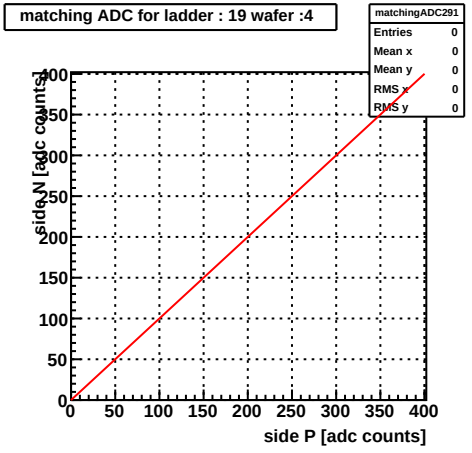

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

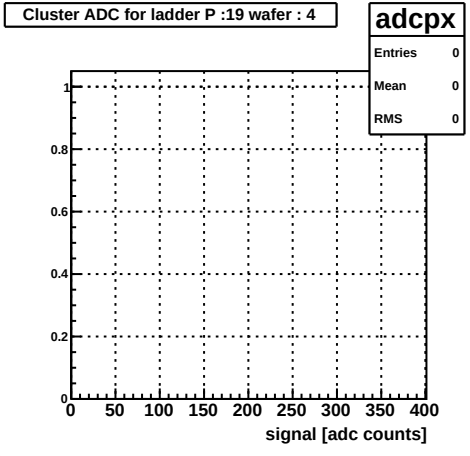

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

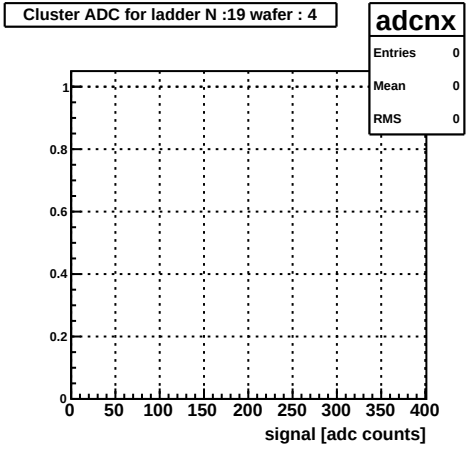

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

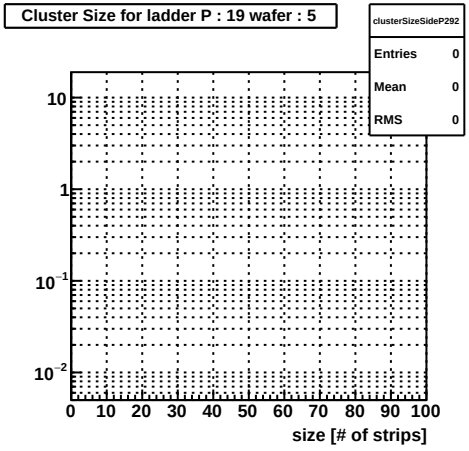

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

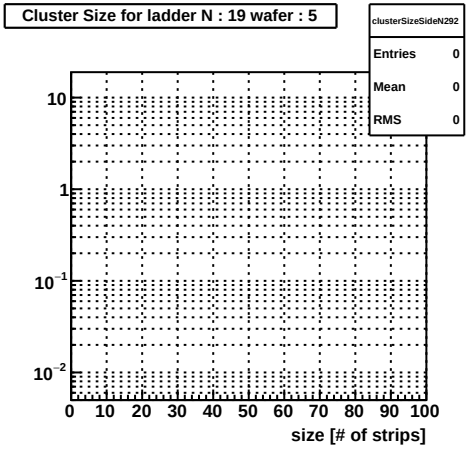

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

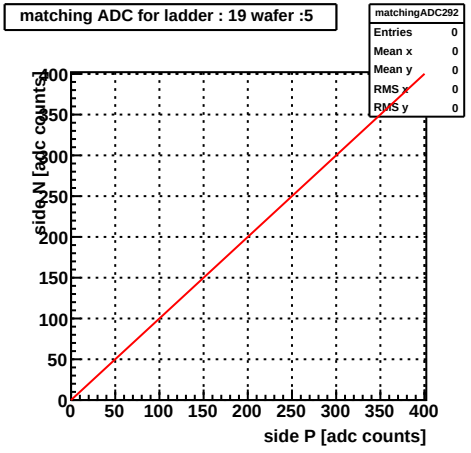

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

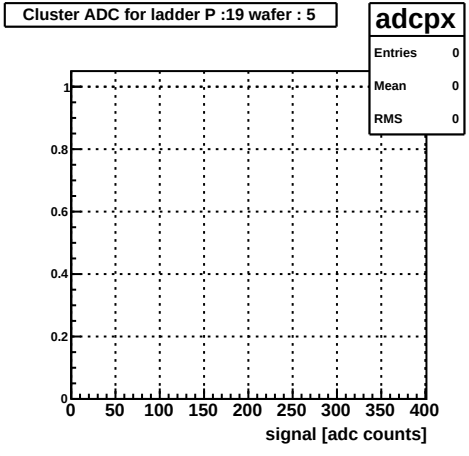

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

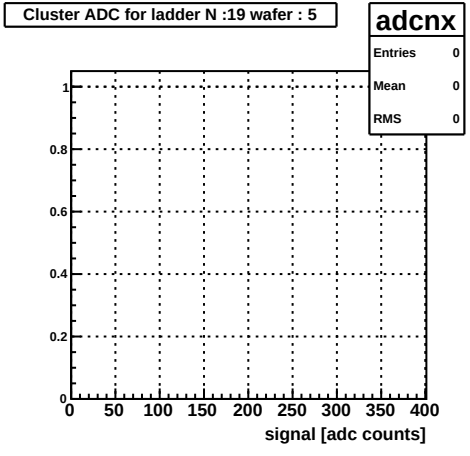

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

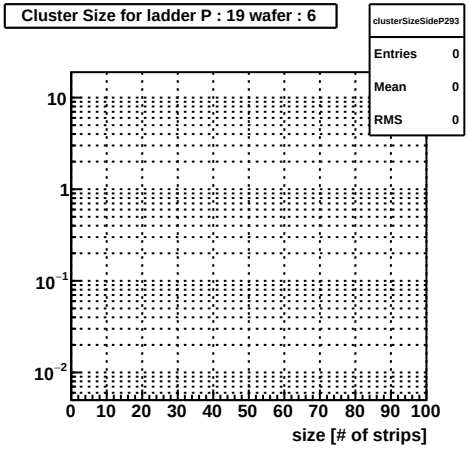

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

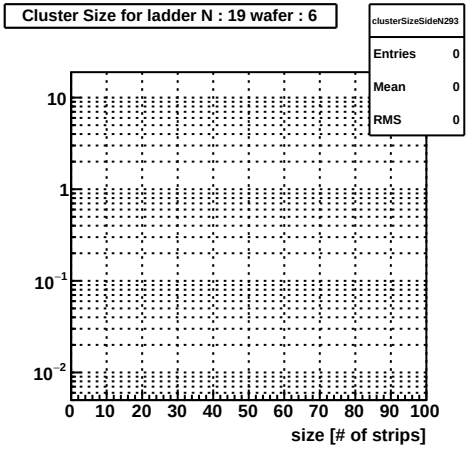

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

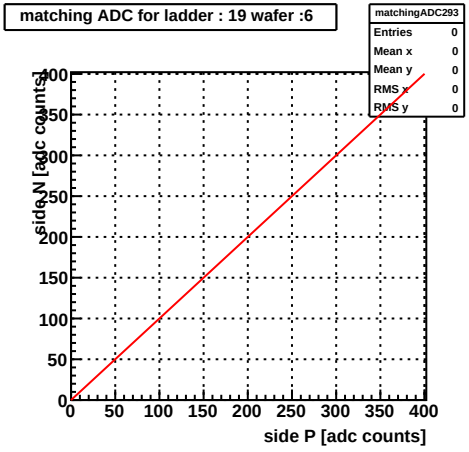

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

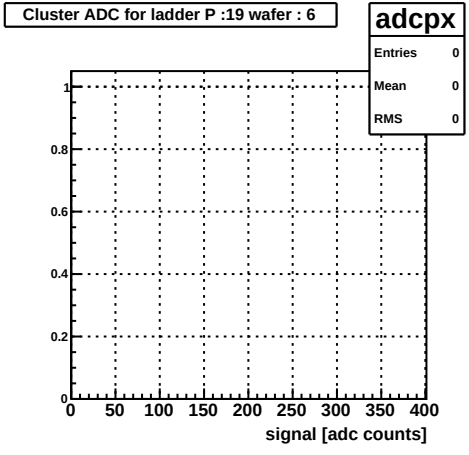

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

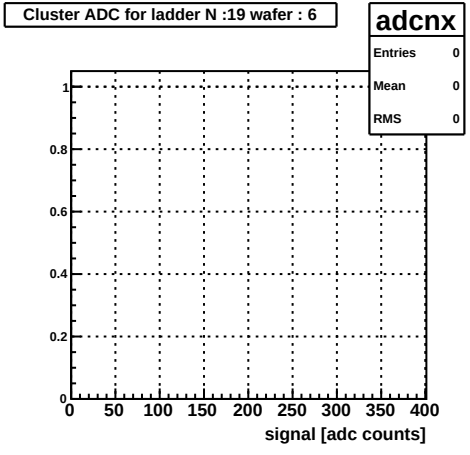

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

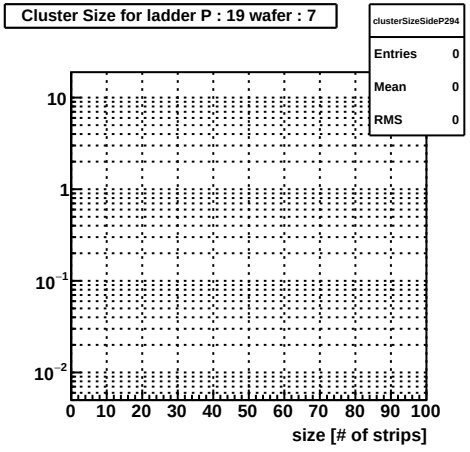

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

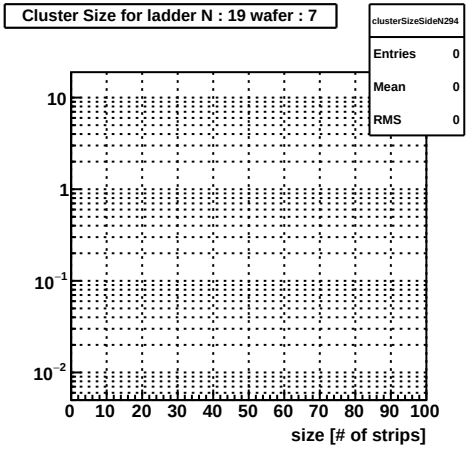

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

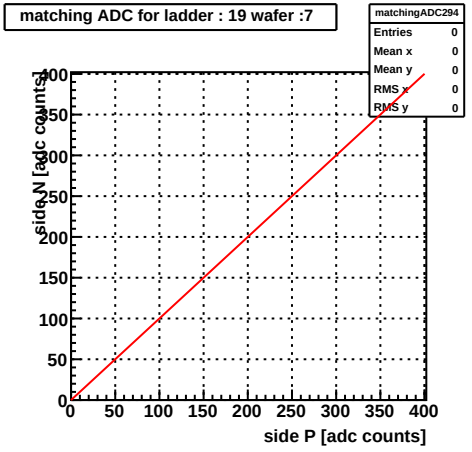

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

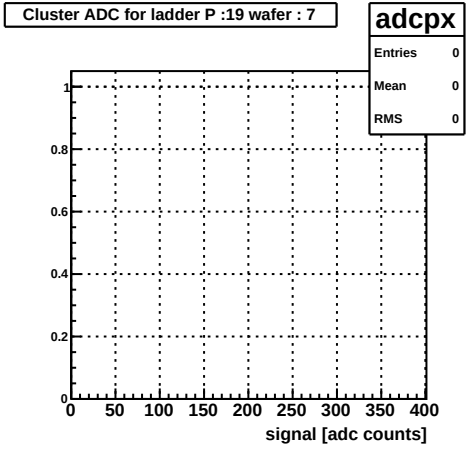

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

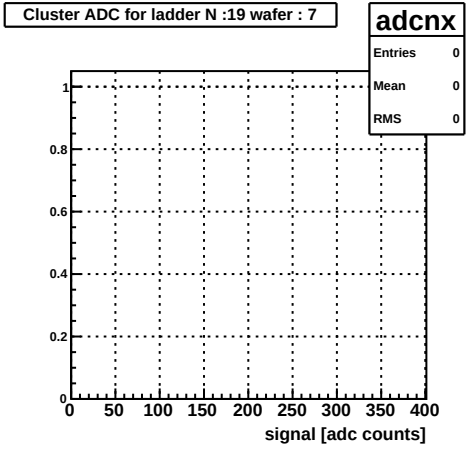

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

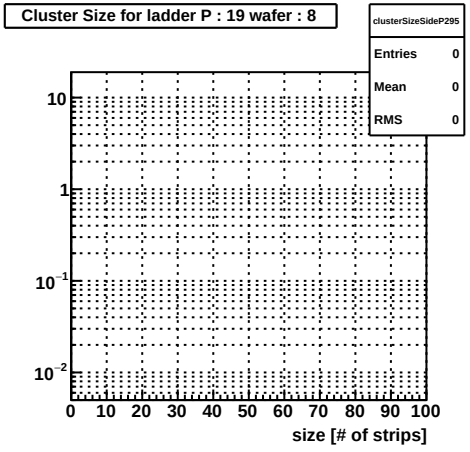

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

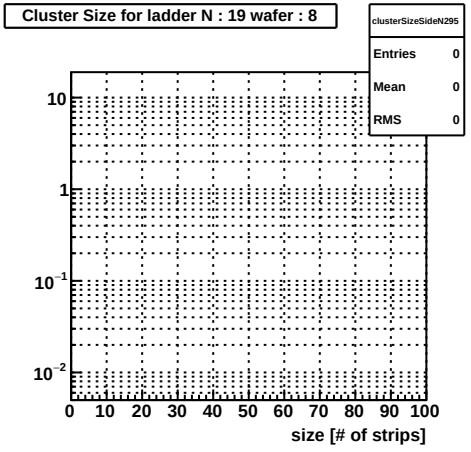

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

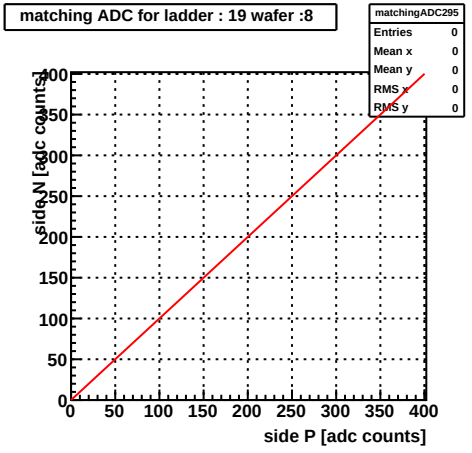

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

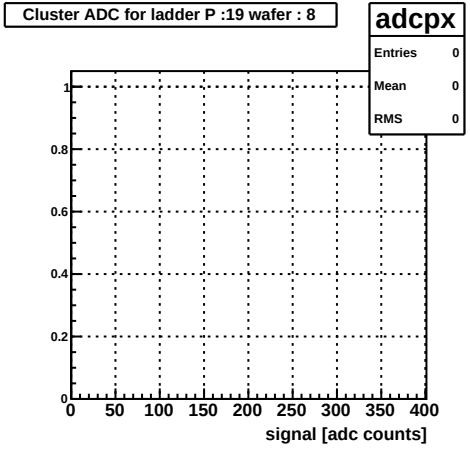

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

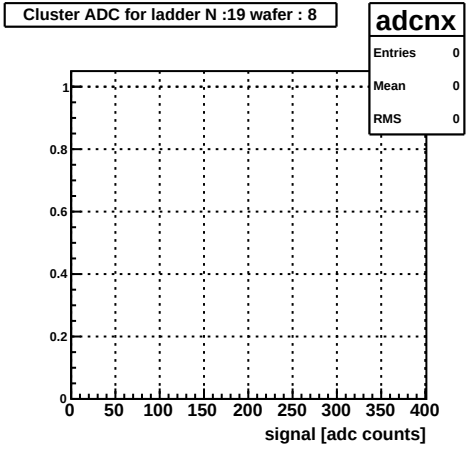

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

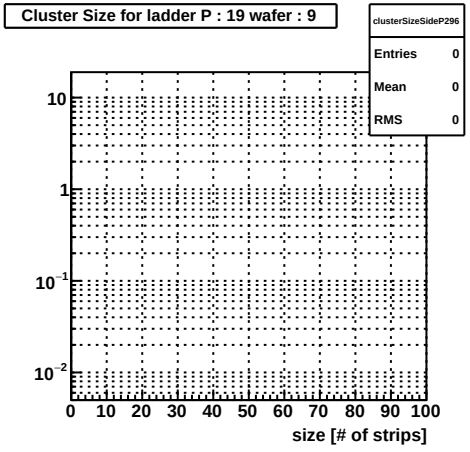

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

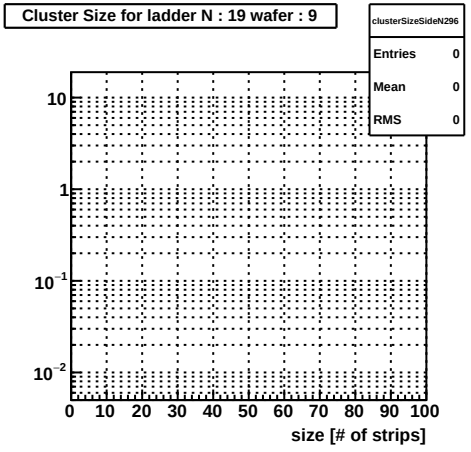

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

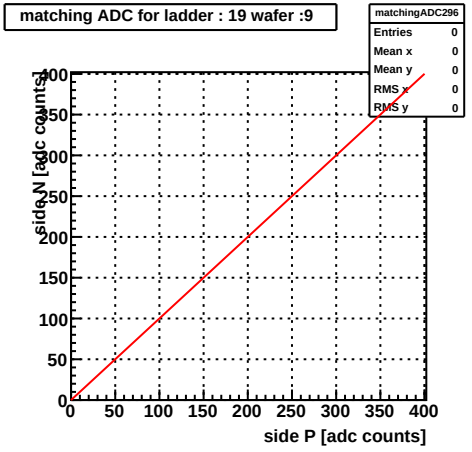

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

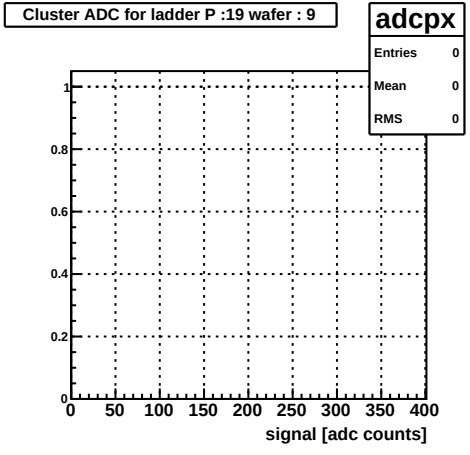

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

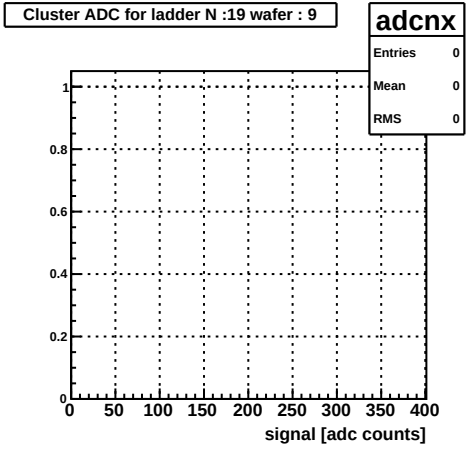

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

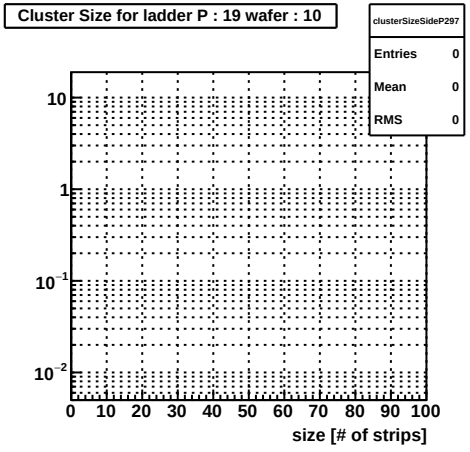

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

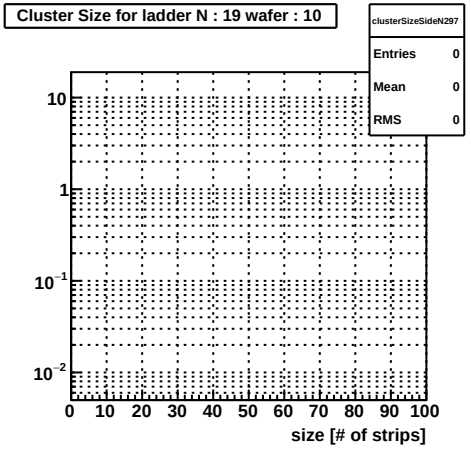

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

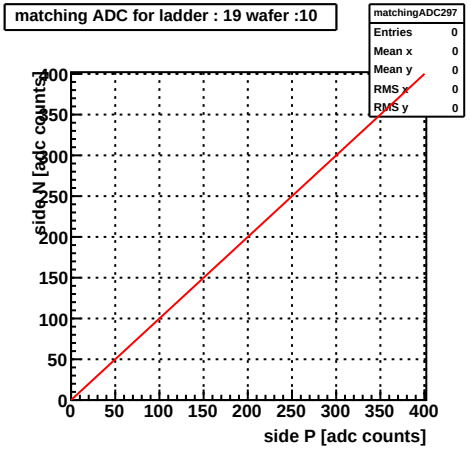

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

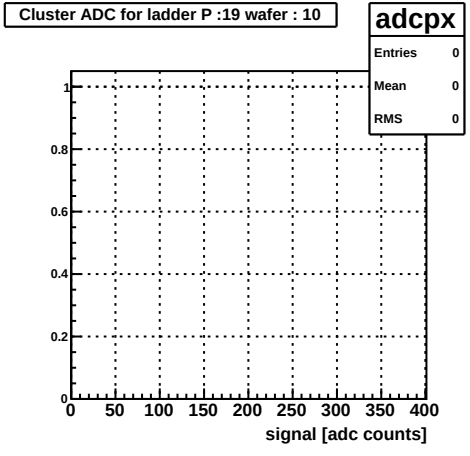

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

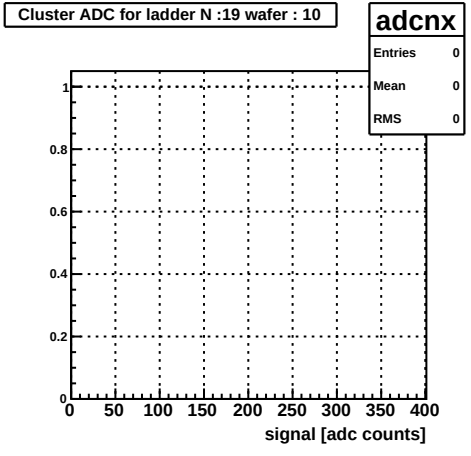

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

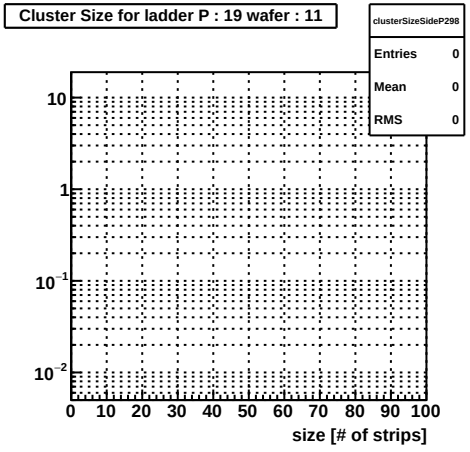

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

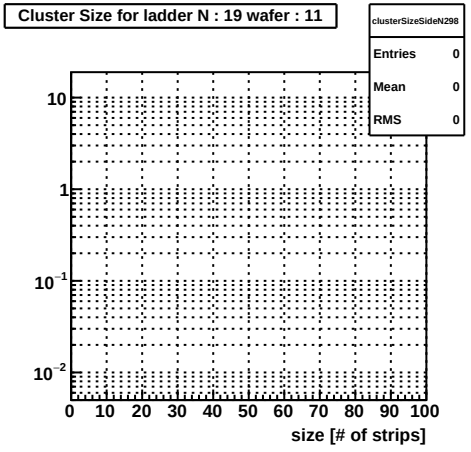

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

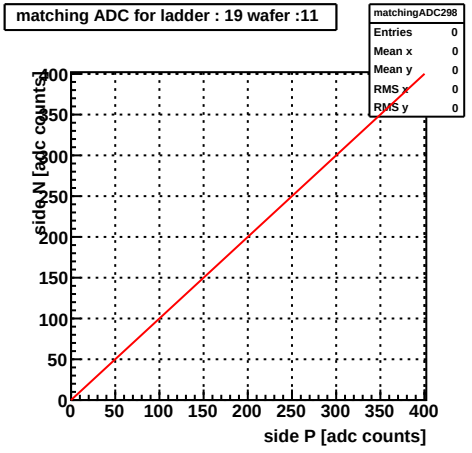

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

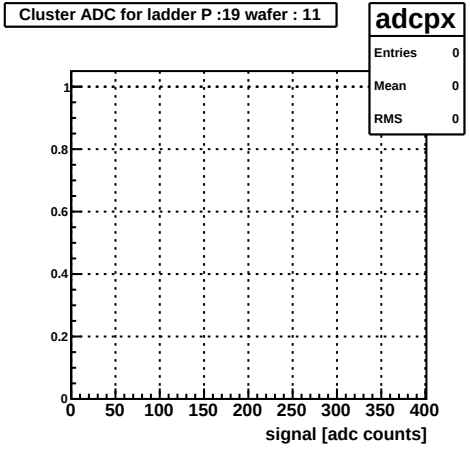

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

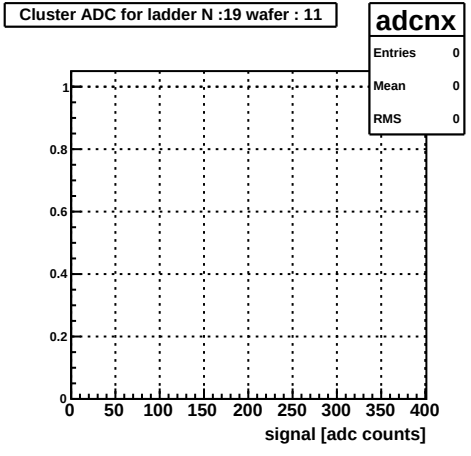

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

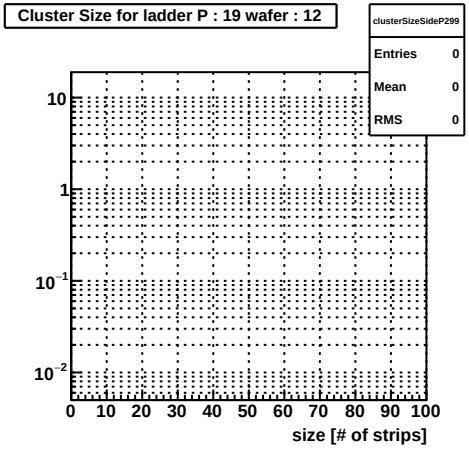

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

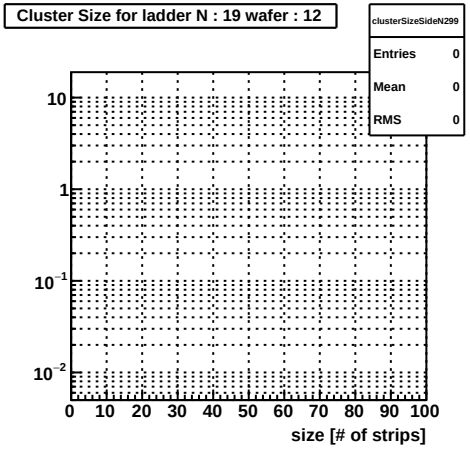

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

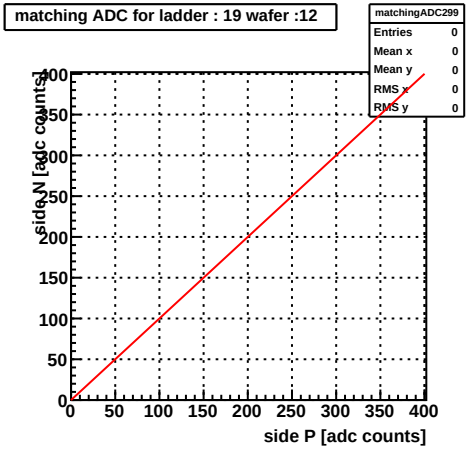

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

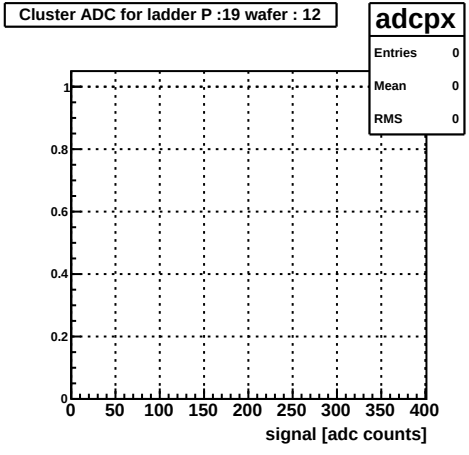

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

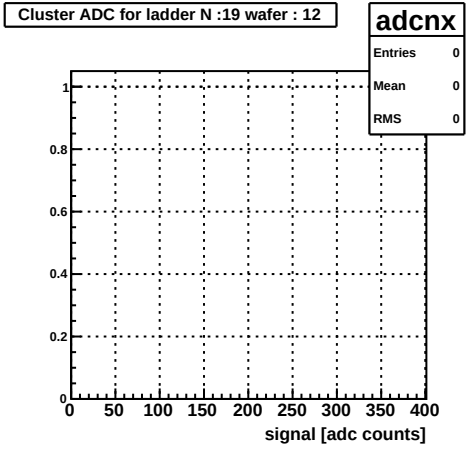

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

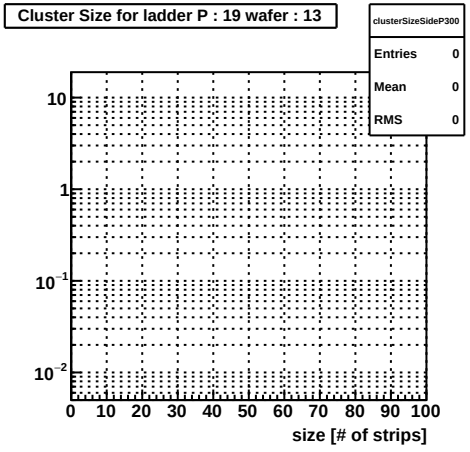

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

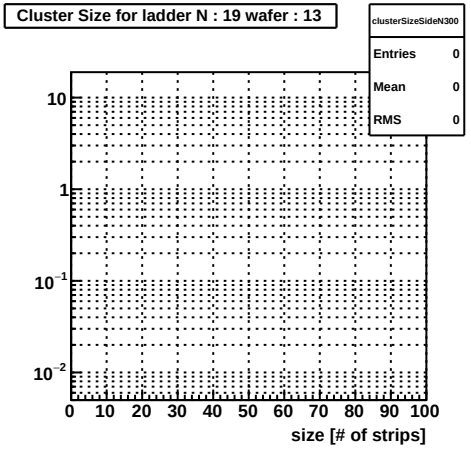

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

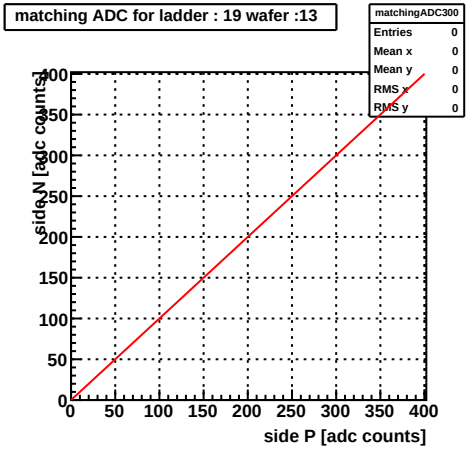

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

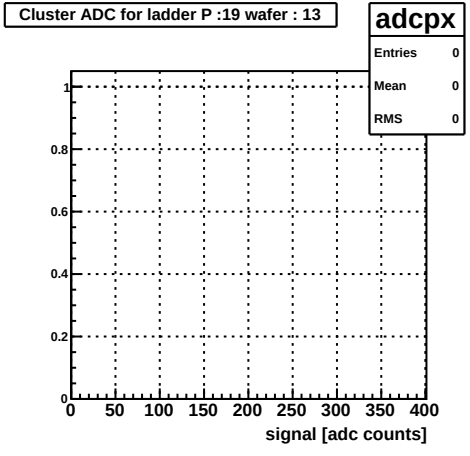

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

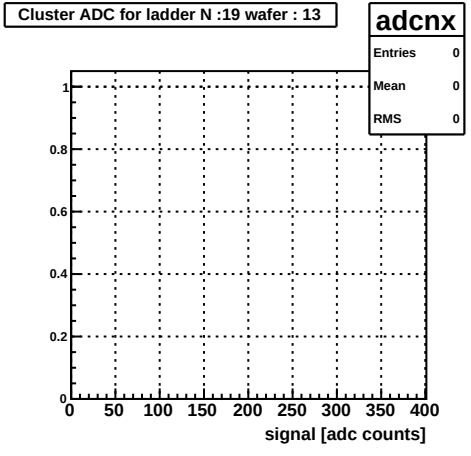

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

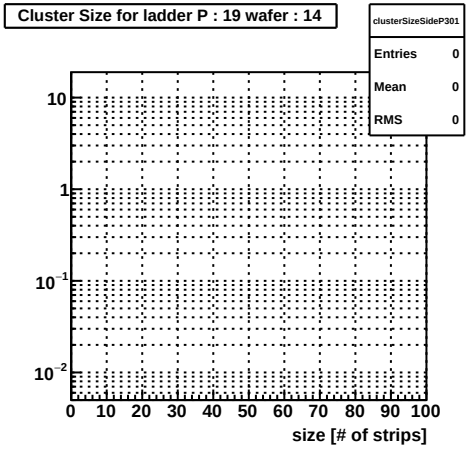

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

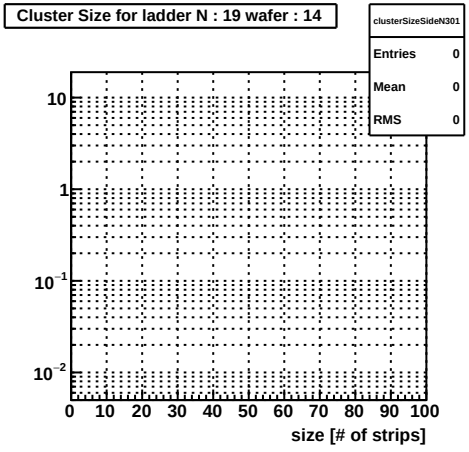

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

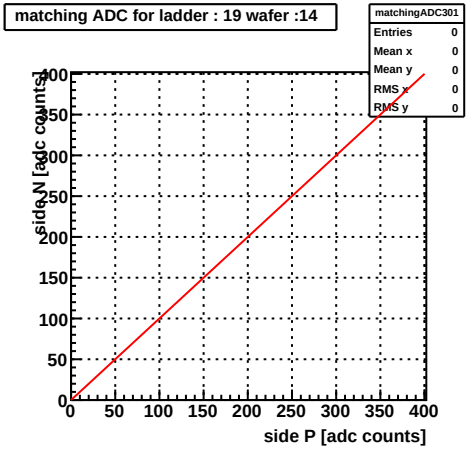

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

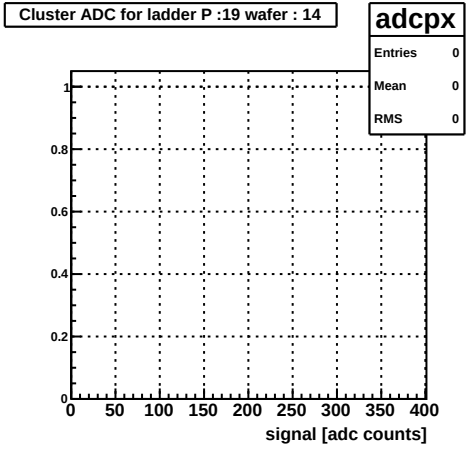

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

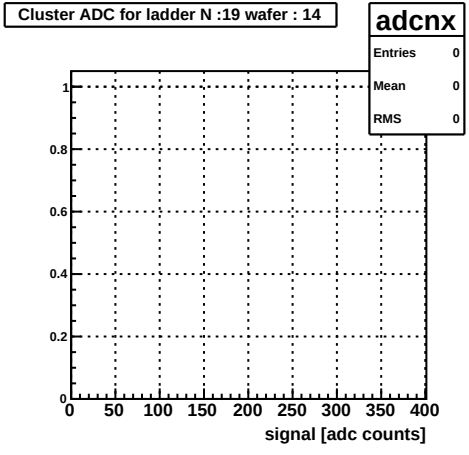

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

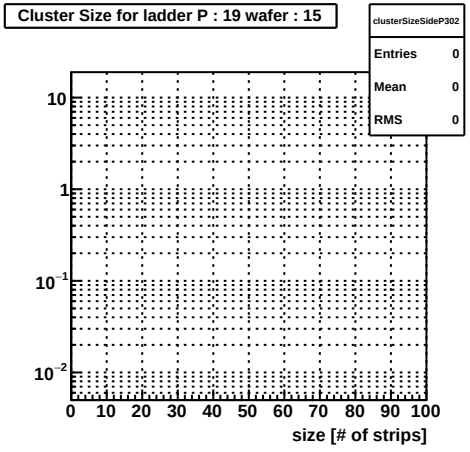

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

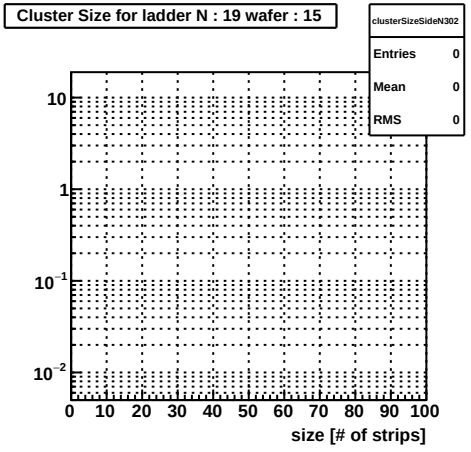

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

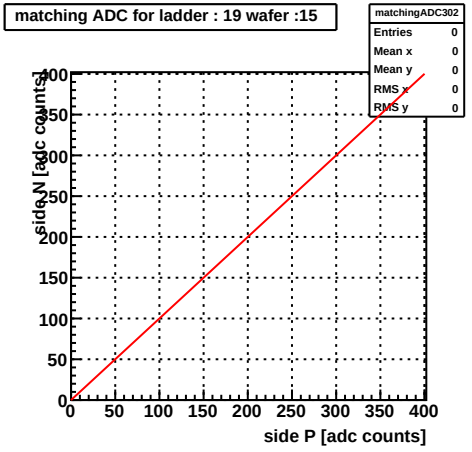

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

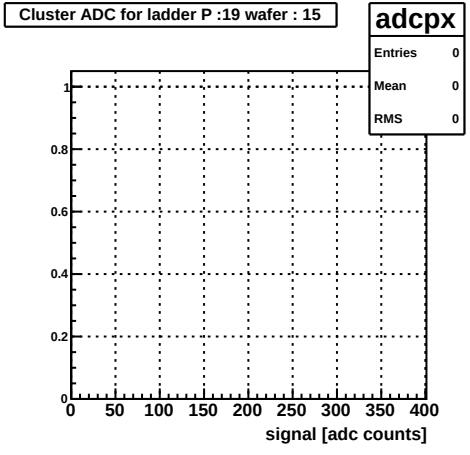

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

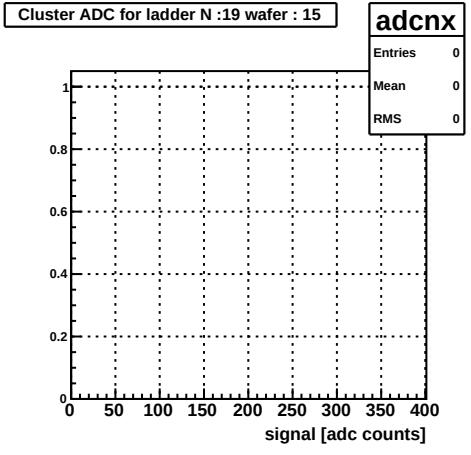

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

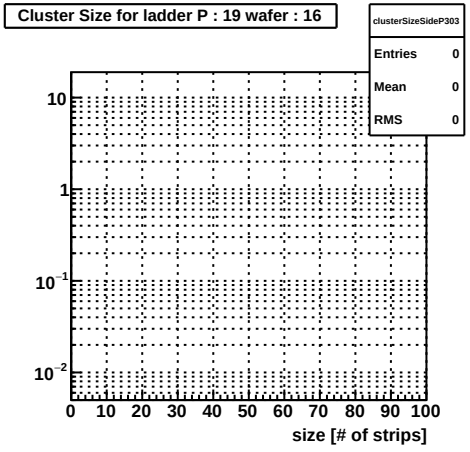

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

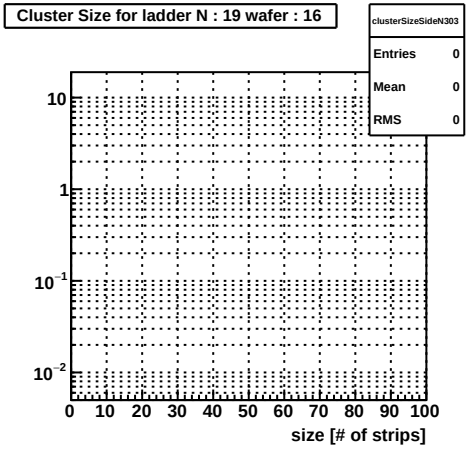

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

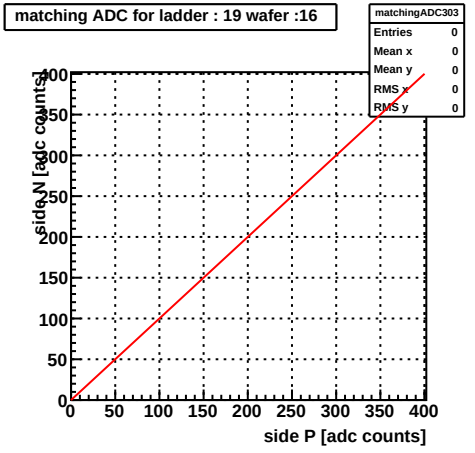

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

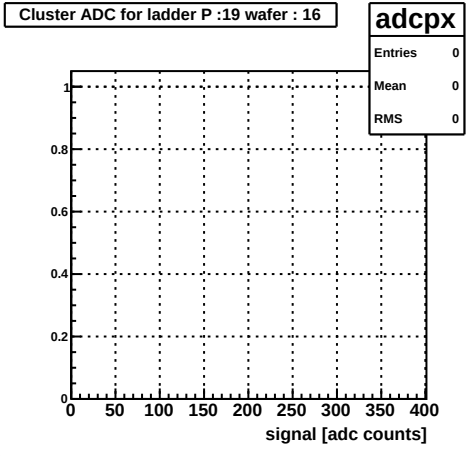

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

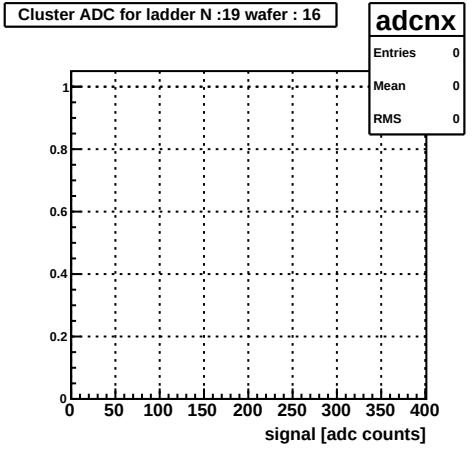

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

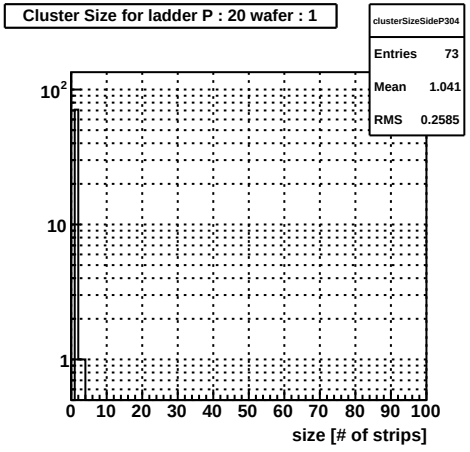

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

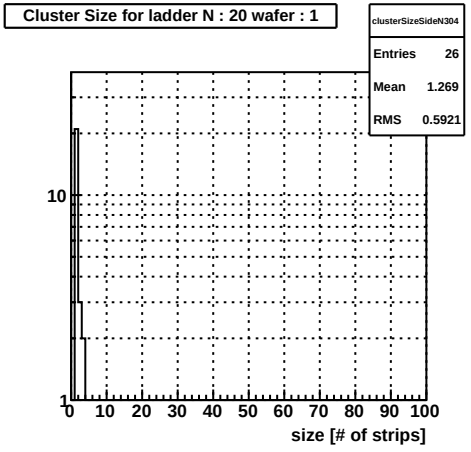

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

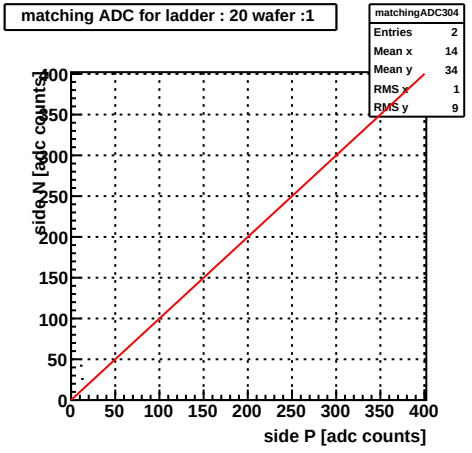

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

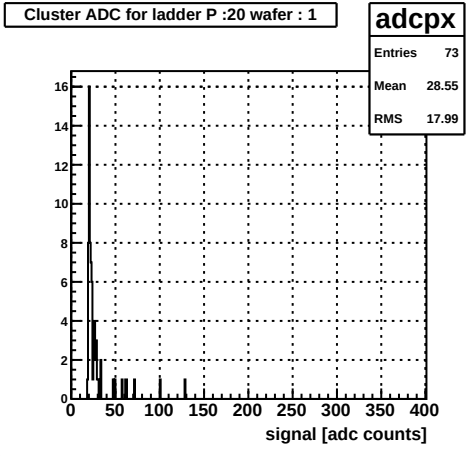

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

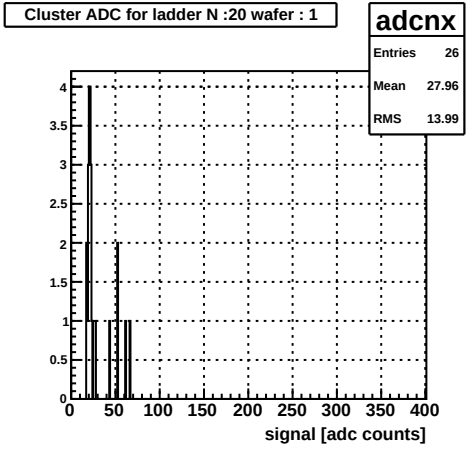

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

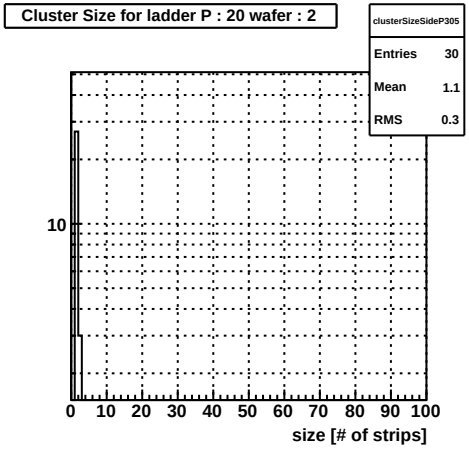

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 73
Mean 1.041
RMS 0.2585
size [# of strips]

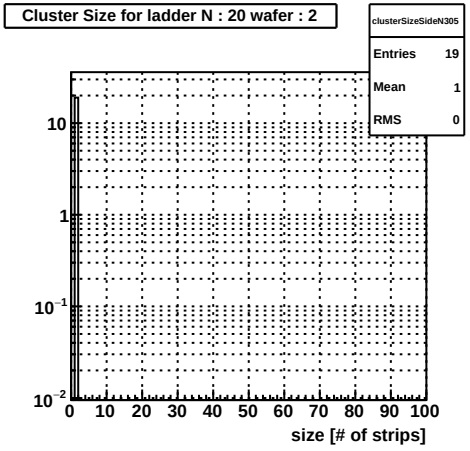

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 26
Mean 1.269
RMS 0.5921
size [# of strips]

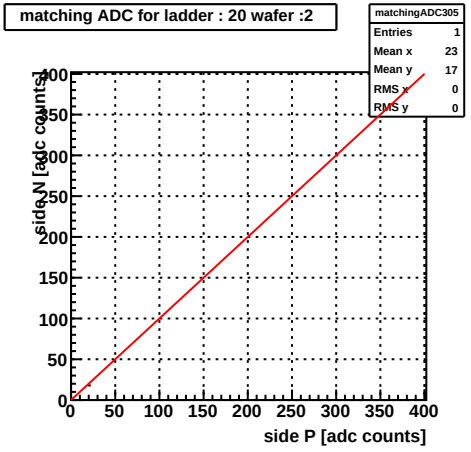

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 2
Mean x 14
Mean y 34
RMS x 1
RMS y 9
side N [adc counts]
side P [adc counts]

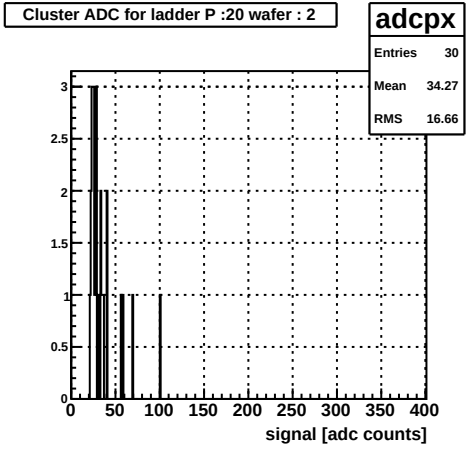

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 73
Mean 28.55
RMS 17.99
signal [adc counts]

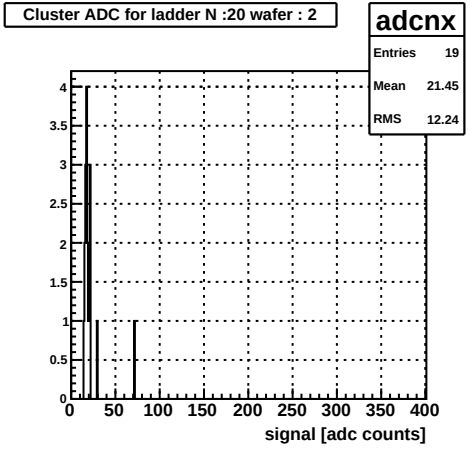

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 26
Mean 27.96
RMS 13.99
signal [adc counts]

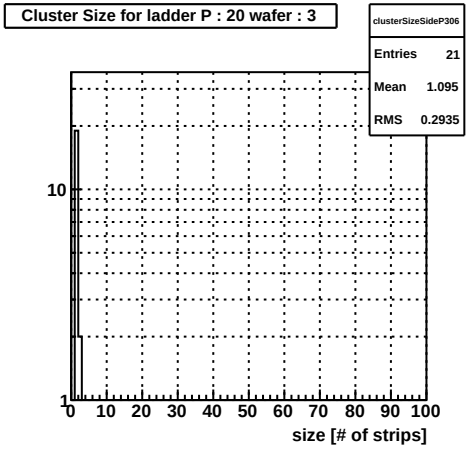

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 30
Mean 1.1
RMS 0.3
size [# of strips]

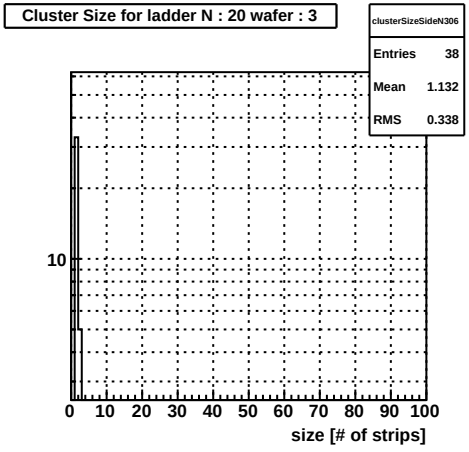

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 19
Mean 1
RMS 0
size [# of strips]

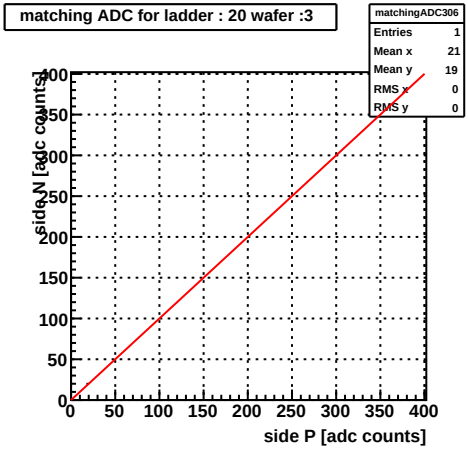

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1
Mean x 23
Mean y 17
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

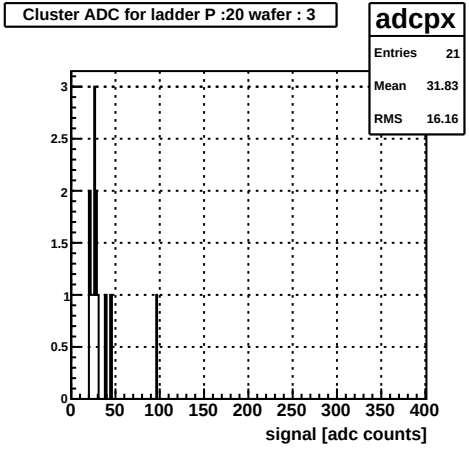

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 30
Mean 34.27
RMS 16.66
signal [adc counts]

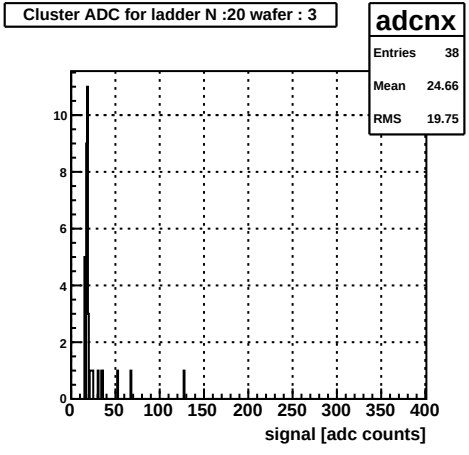

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 19
Mean 21.45
RMS 12.24
signal [adc counts]

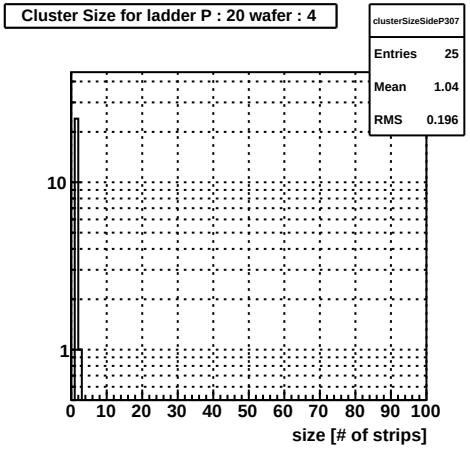

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 21
Mean 1.095
RMS 0.2935
size [# of strips]

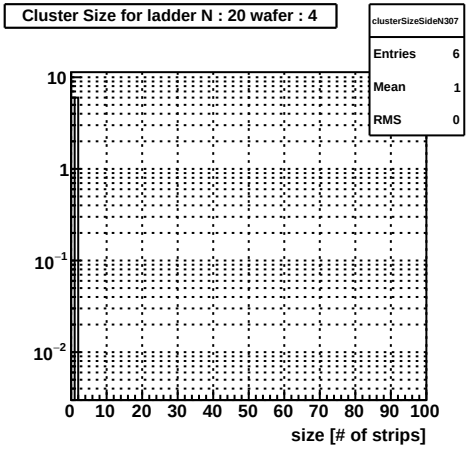

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 38
Mean 1.132
RMS 0.338
size [# of strips]

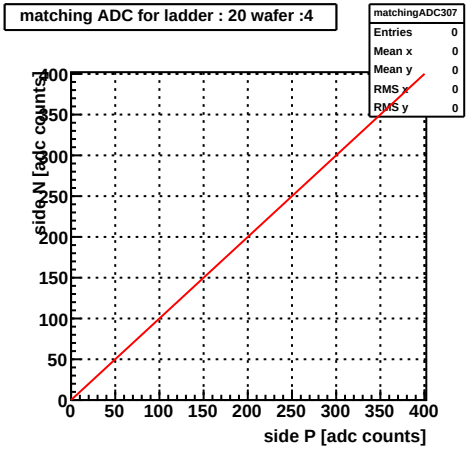

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1
Mean x 21
Mean y 19
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

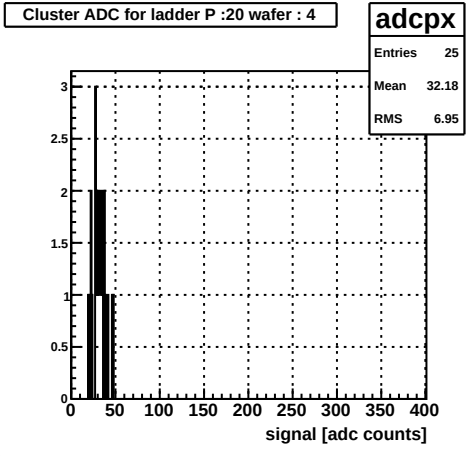

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 21
Mean 31.83
RMS 16.16
signal [adc counts]

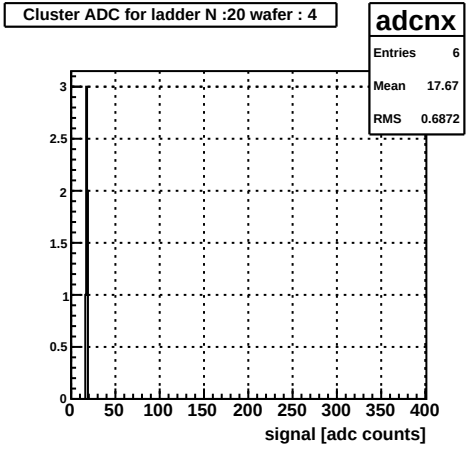

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 38
Mean 24.66
RMS 19.75
signal [adc counts]

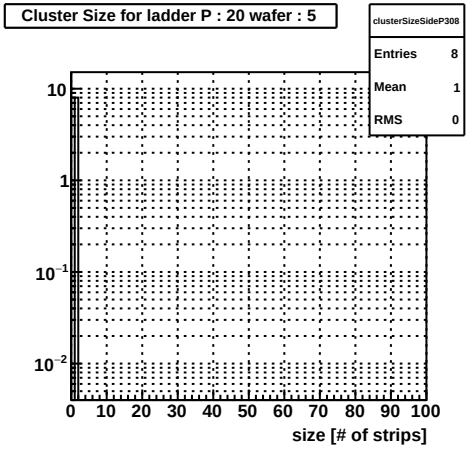

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 25
Mean 1.04
RMS 0.196
size [# of strips]

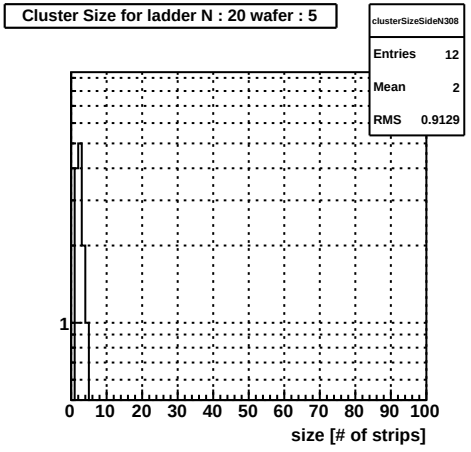

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 6
Mean 1
RMS 0
size [# of strips]

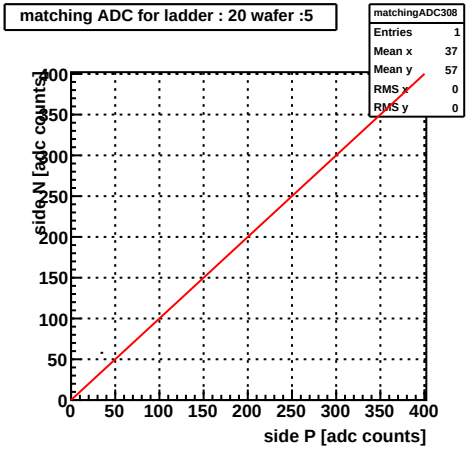

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

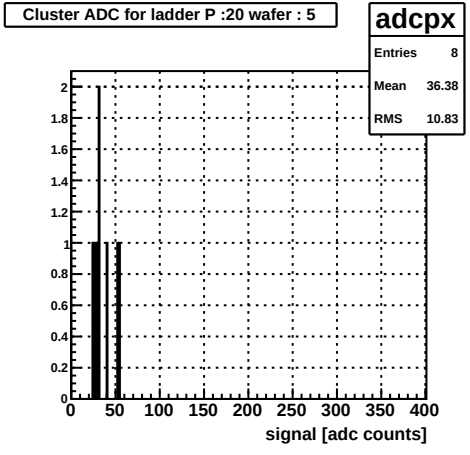

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 25
Mean 32.18
RMS 6.95
signal [adc counts]

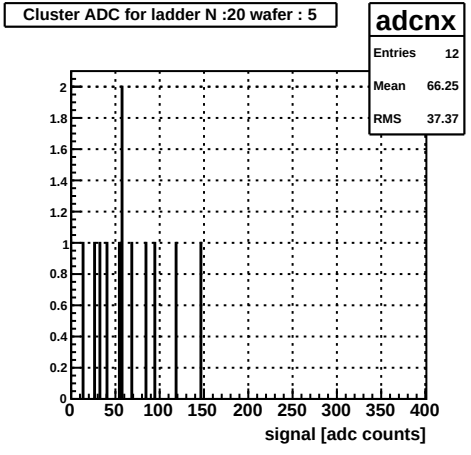

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 6
Mean 17.67
RMS 0.6872
signal [adc counts]

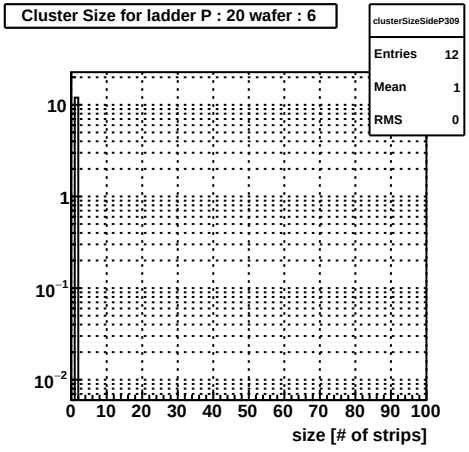

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 8
Mean 1
RMS 0
size [# of strips]

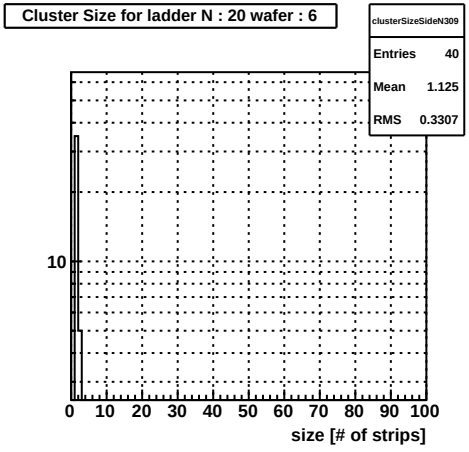

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 12
Mean 2
RMS 0.9129
size [# of strips]

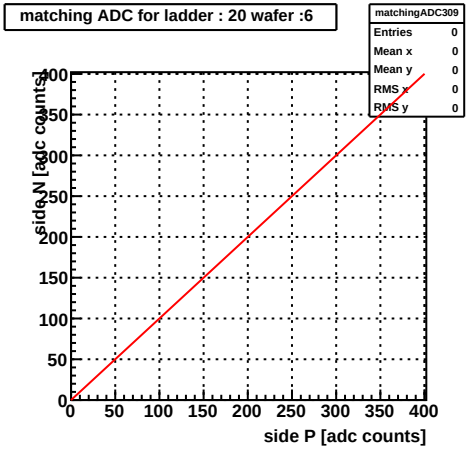

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1
Mean x 37
Mean y 57
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

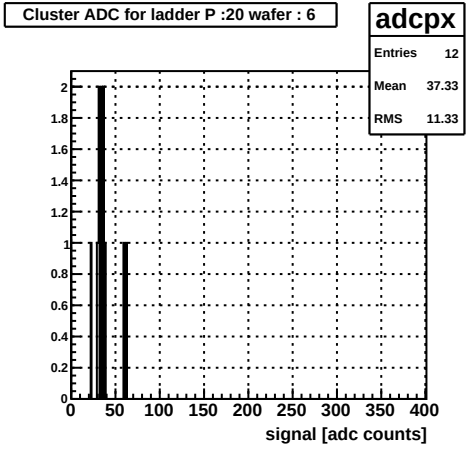

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 8
Mean 36.38
RMS 10.83
signal [adc counts]

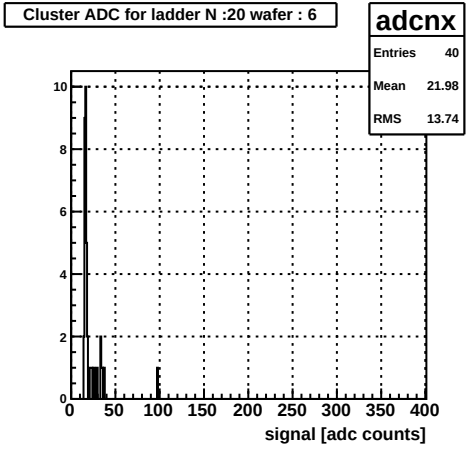

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 12
Mean 66.25
RMS 37.37
signal [adc counts]

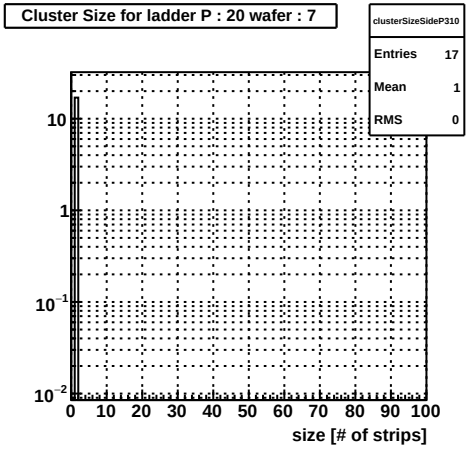

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 12
Mean 1
RMS 0
size [# of strips]

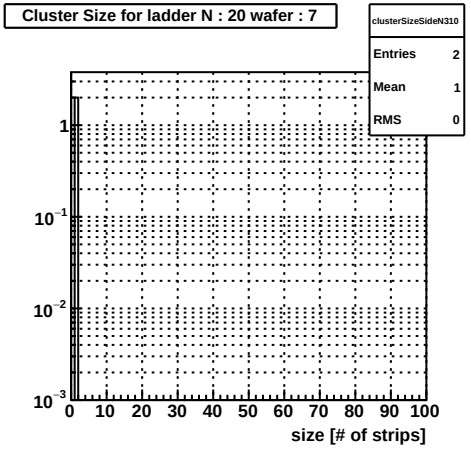

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 40
Mean 1.125
RMS 0.3307
size [# of strips]

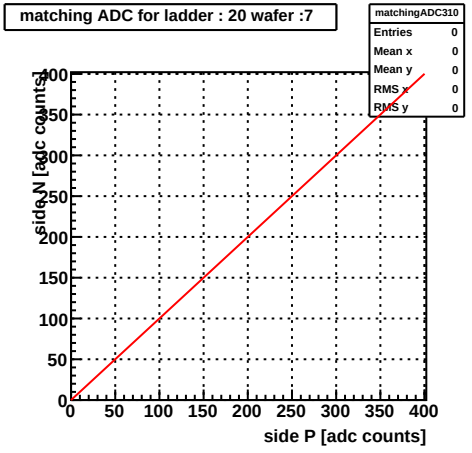

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

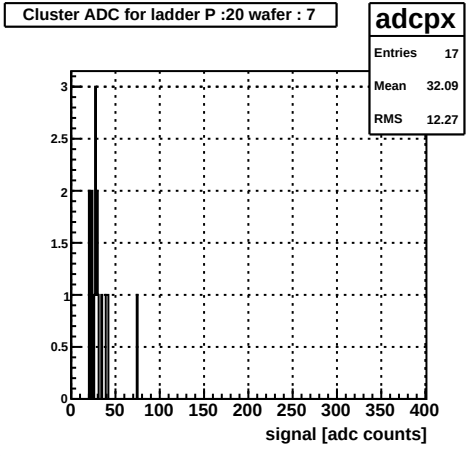

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 12
Mean 37.33
RMS 11.33
signal [adc counts]

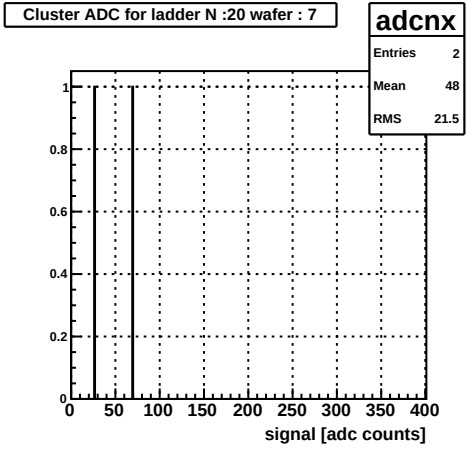

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 40
Mean 21.98
RMS 13.74
signal [adc counts]

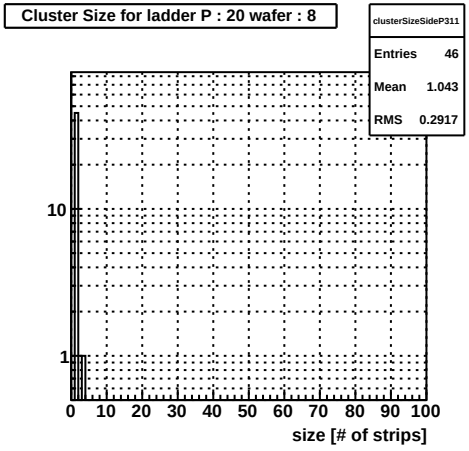

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 17
Mean 1
RMS 0
size [# of strips]

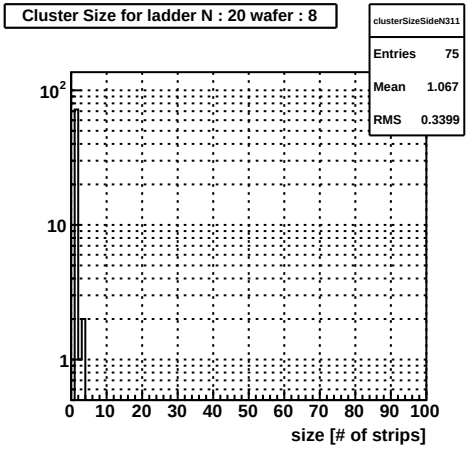

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 2
Mean 1
RMS 0
size [# of strips]

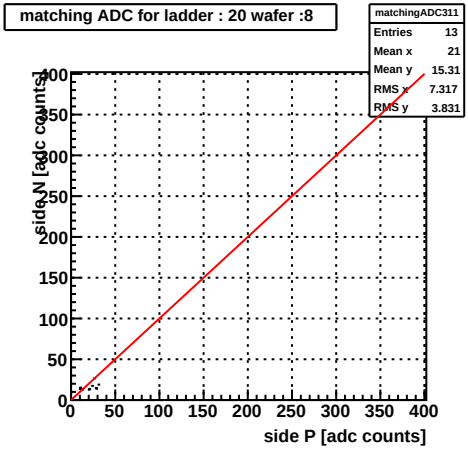

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

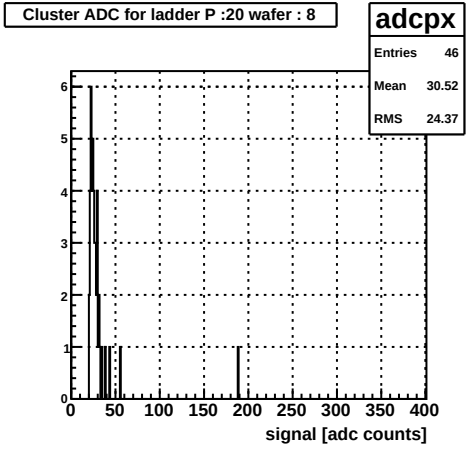

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 17
Mean 32.09
RMS 12.27
signal [adc counts]

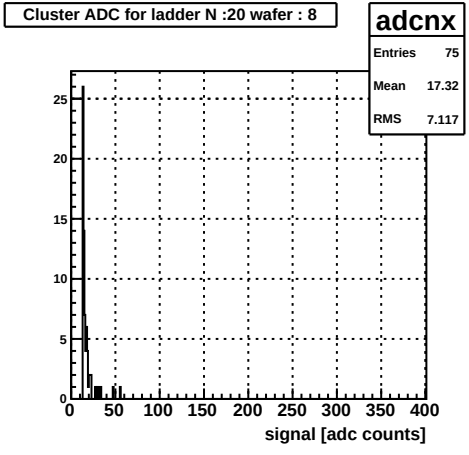

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 2
Mean 48
RMS 21.5
signal [adc counts]

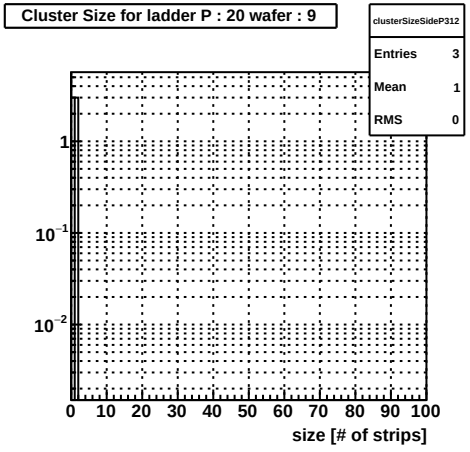

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 46
Mean 1.043
RMS 0.2917
size [# of strips]

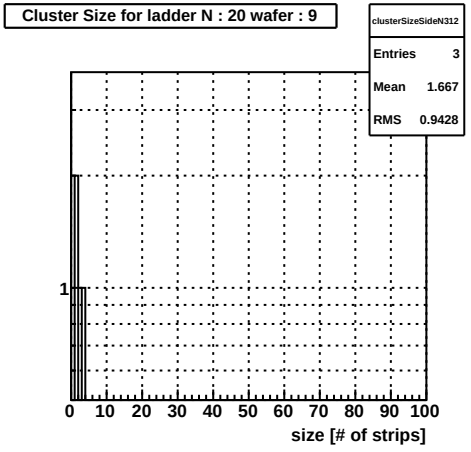

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 75
Mean 1.067
RMS 0.3399
size [# of strips]

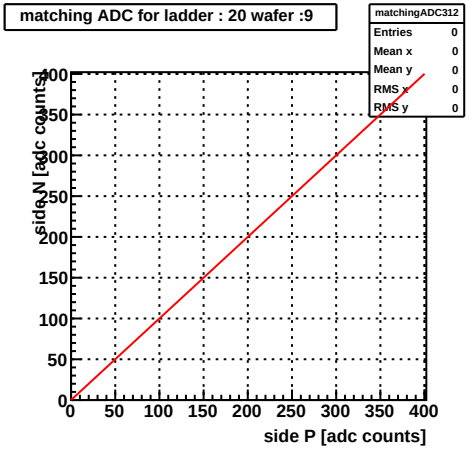

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 13
Mean x 21
Mean y 15.31
RMS x 7.317
RMS y 3.831
side N [adc counts]
side P [adc counts]

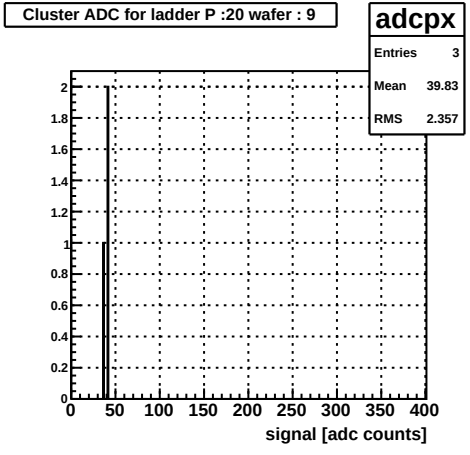

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 46
Mean 30.52
RMS 24.37
signal [adc counts]

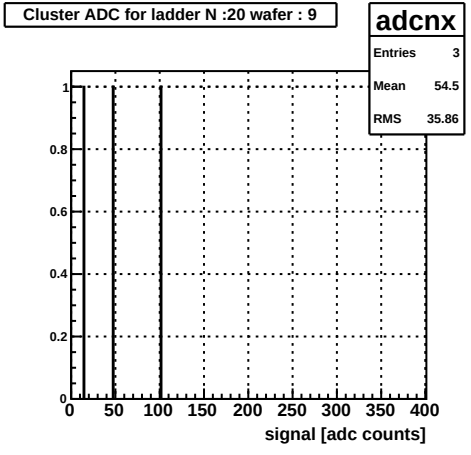

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 75
Mean 17.32
RMS 7.117
signal [adc counts]

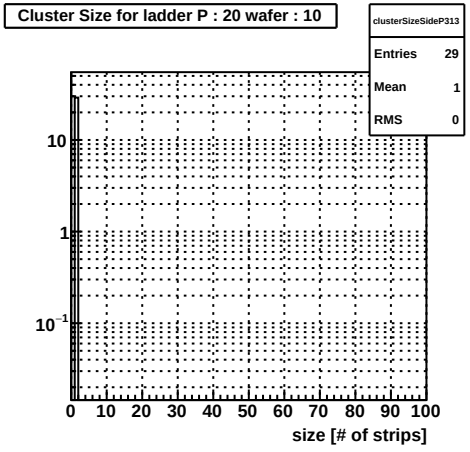

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3
Mean 1
RMS 0
size [# of strips]

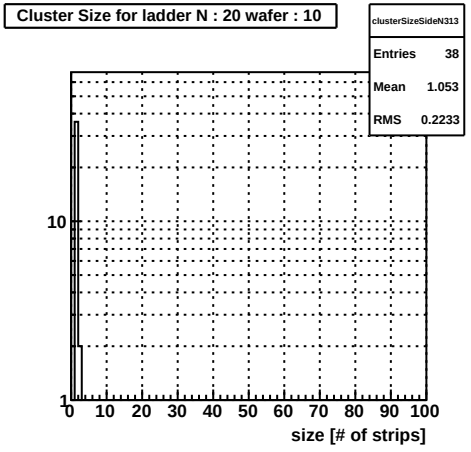

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3
Mean 1.667
RMS 0.9428
size [# of strips]

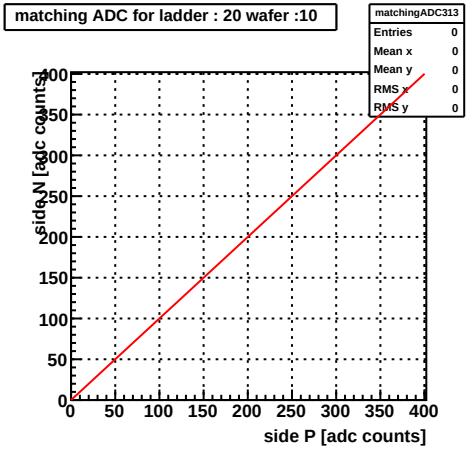

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

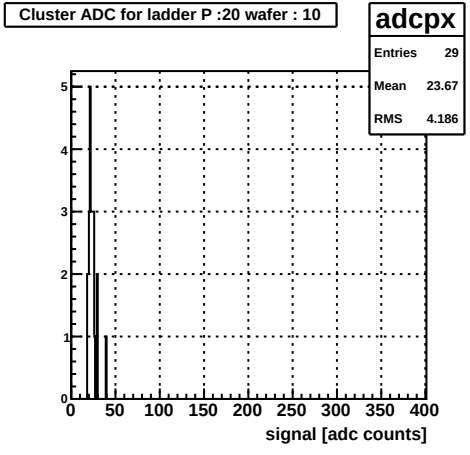

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3
Mean 39.83
RMS 2.357
signal [adc counts]

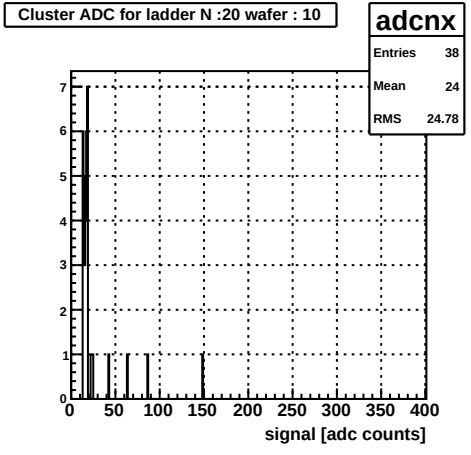

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3
Mean 54.5
RMS 35.86
signal [adc counts]

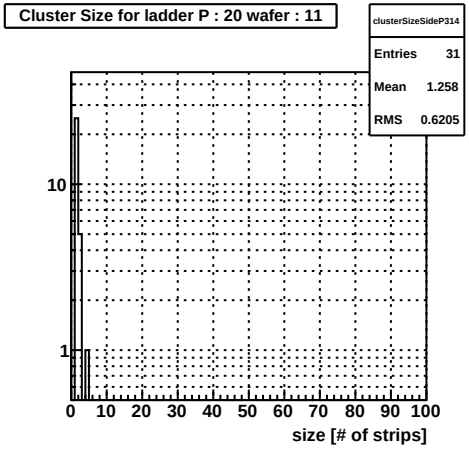

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 29
Mean 1
RMS 0
size [# of strips]

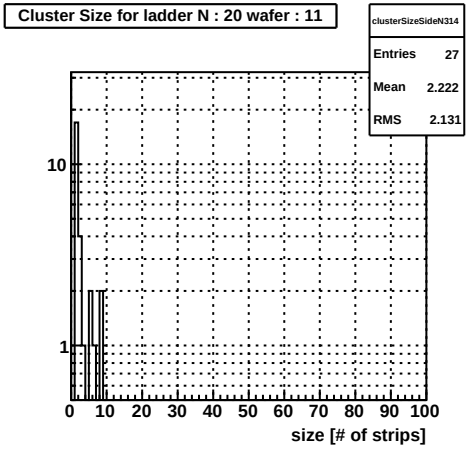

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 38
Mean 1.053
RMS 0.2233
size [# of strips]

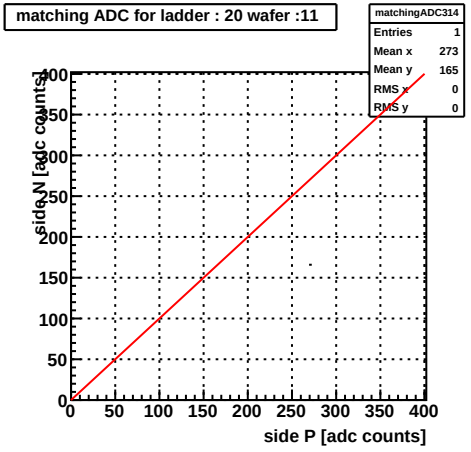

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

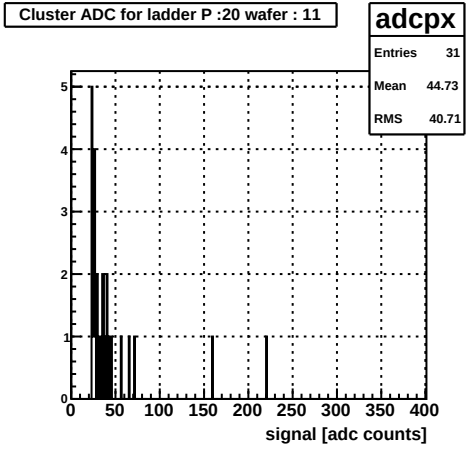

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 29
Mean 23.67
RMS 4.186
signal [adc counts]

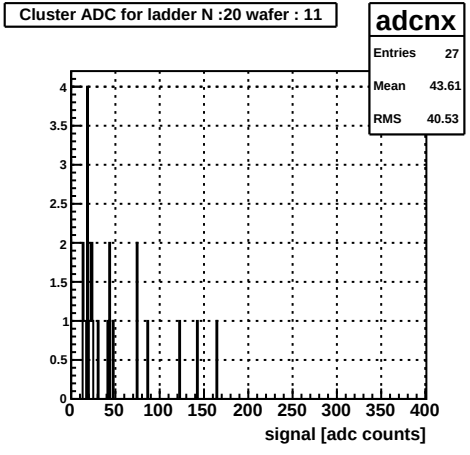

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 38
Mean 24
RMS 24.78
signal [adc counts]

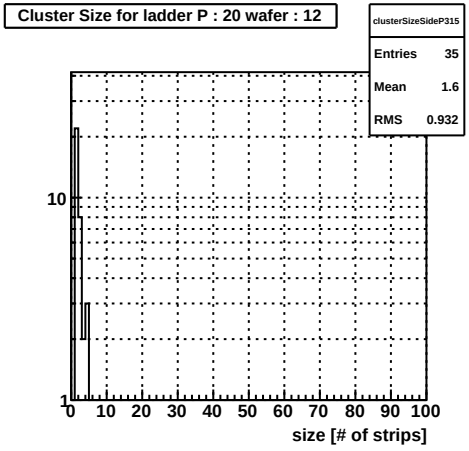

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 31
Mean 1.258
RMS 0.6205
size [# of strips]

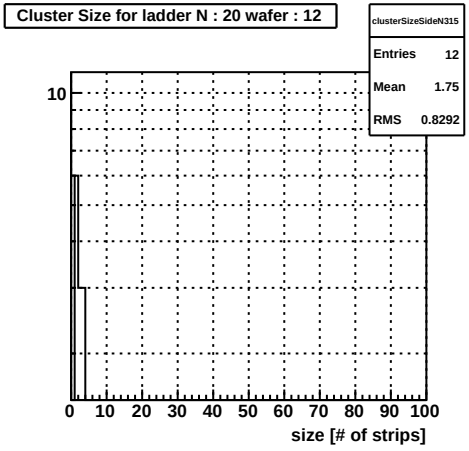

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 27
Mean 2.222
RMS 2.131
size [# of strips]

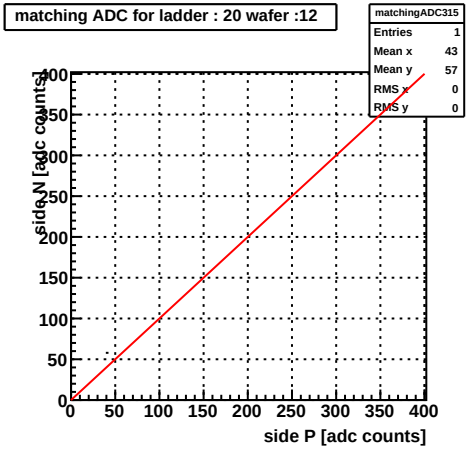

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1
Mean x 273
Mean y 165
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

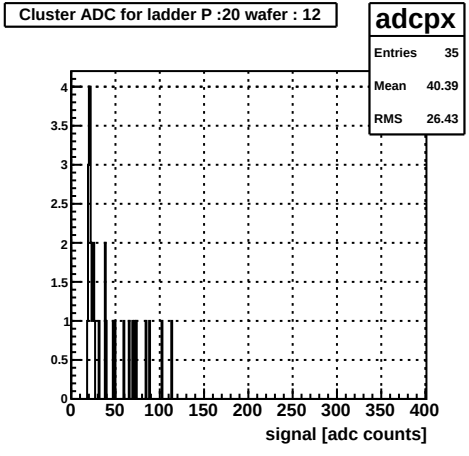

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 31
Mean 44.73
RMS 40.71
signal [adc counts]

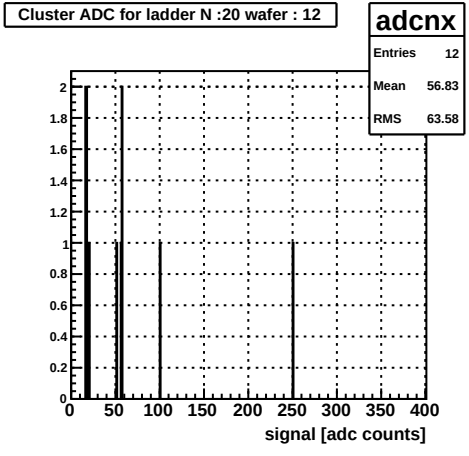

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 27
Mean 43.61
RMS 40.53
signal [adc counts]

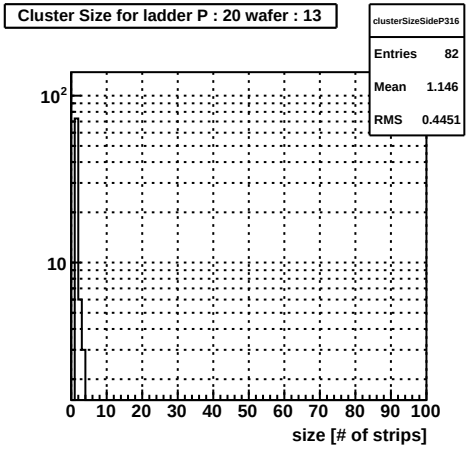

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 35
Mean 1.6
RMS 0.932
size [# of strips]

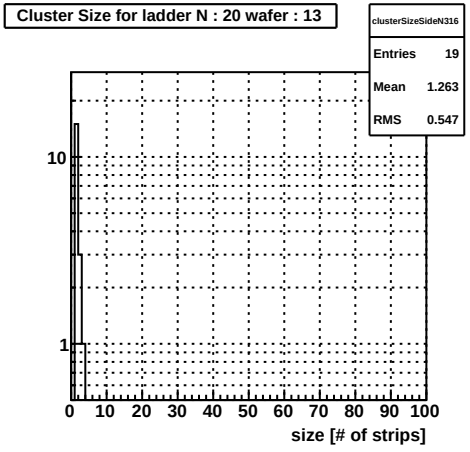

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 12
Mean 1.75
RMS 0.8292
size [# of strips]

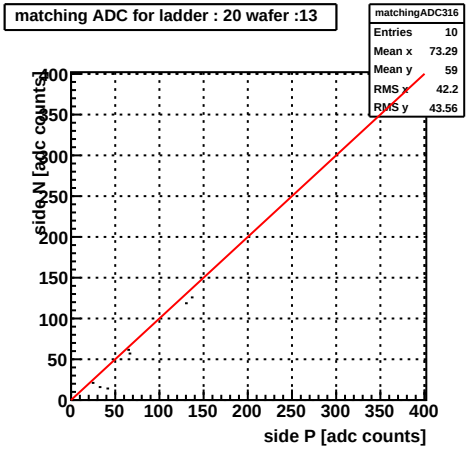

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 1
Mean x 43
Mean y 57
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

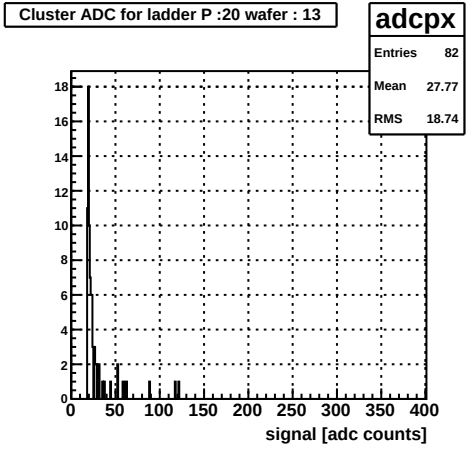

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 35
Mean 40.39
RMS 26.43
signal [adc counts]

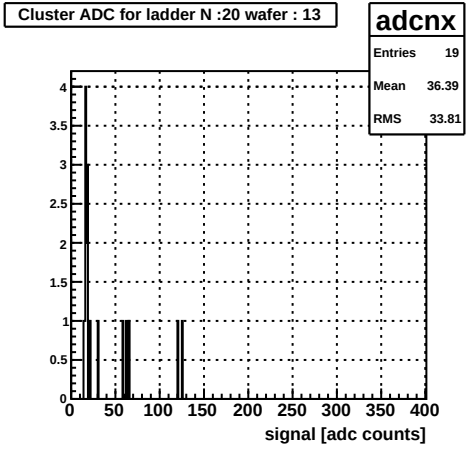

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 12
Mean 56.83
RMS 63.58
signal [adc counts]

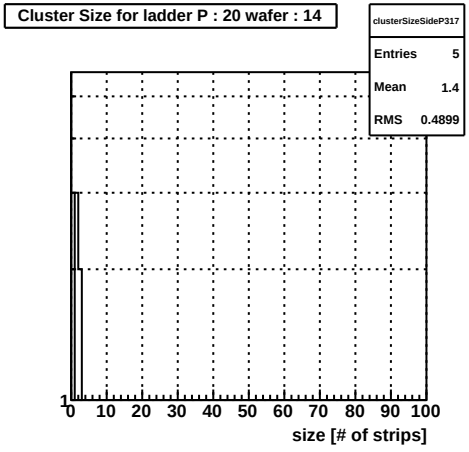

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 82
Mean 1.146
RMS 0.4451
size [# of strips]

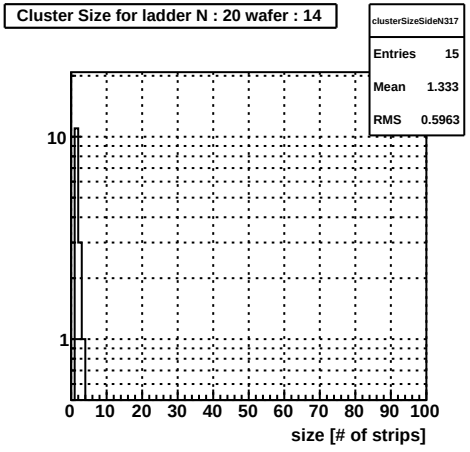

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 19
Mean 1.263
RMS 0.547
size [# of strips]

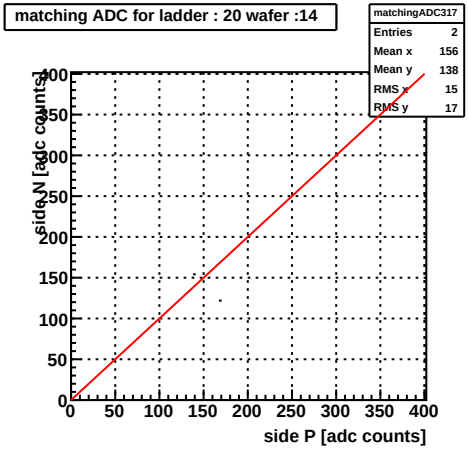

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 10
Mean x 73.29
Mean y 59
RMS x 42.2
RMS y 43.56
side N [adc counts]
side P [adc counts]

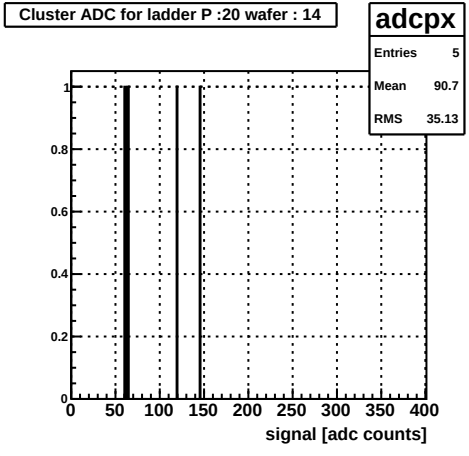

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 82
Mean 27.77
RMS 18.74
signal [adc counts]

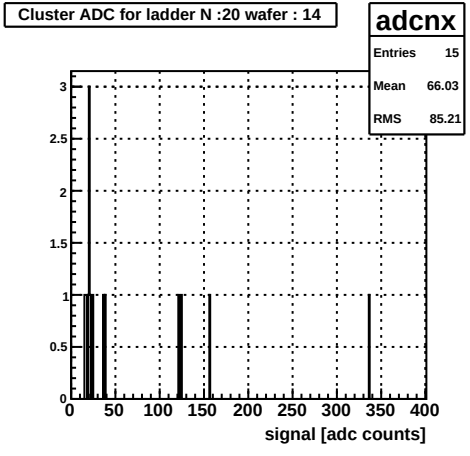

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 19
Mean 36.39
RMS 33.81
signal [adc counts]

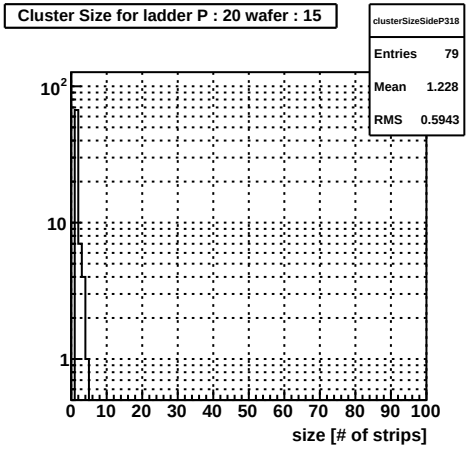

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 5
Mean 1.4
RMS 0.4899
size [# of strips]

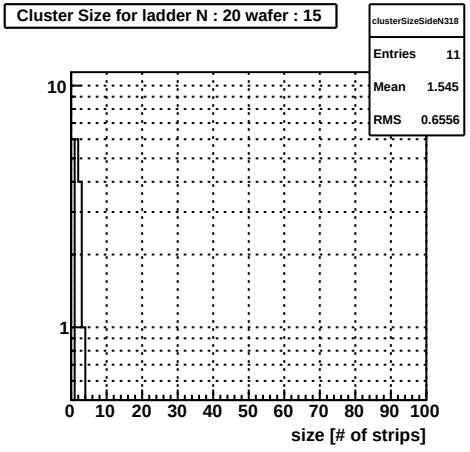

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 15
Mean 1.333
RMS 0.5963
size [# of strips]

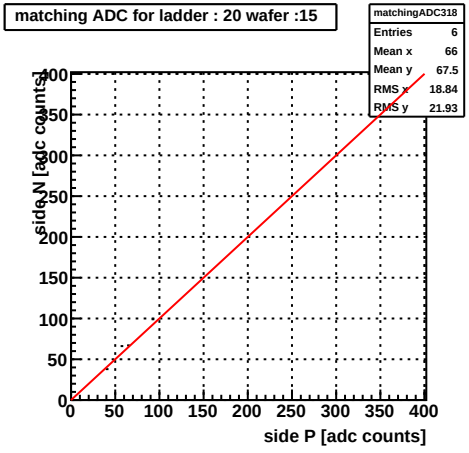

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 2
Mean x 156
Mean y 138
RMS x 15
RMS y 17
side N [adc counts]
side P [adc counts]

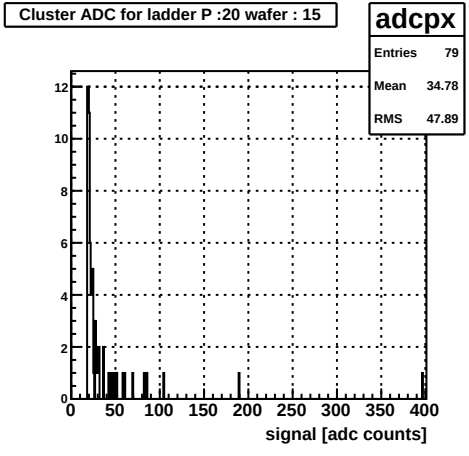

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 5
Mean 90.7
RMS 35.13
signal [adc counts]

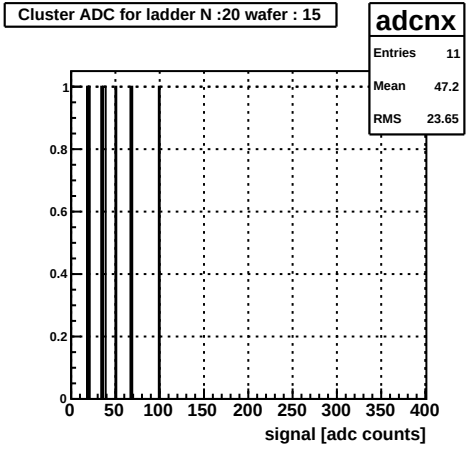

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 15
Mean 66.03
RMS 85.21
signal [adc counts]

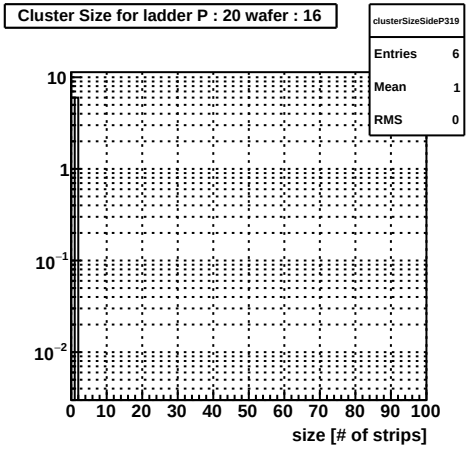

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 79
Mean 1.228
RMS 0.5943
size [# of strips]

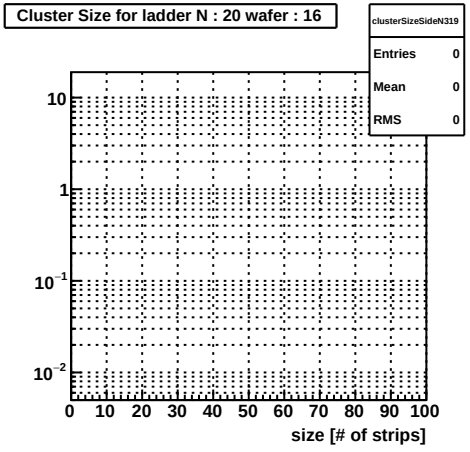

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 11
Mean 1.545
RMS 0.6556
size [# of strips]

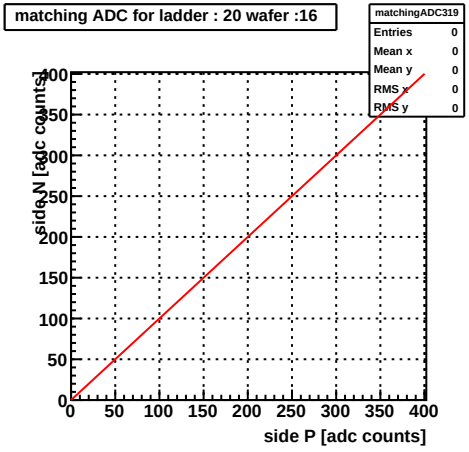

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 6
Mean x 66
Mean y 67.5
RMS x 18.84
RMS y 21.93
side N [adc counts]
side P [adc counts]

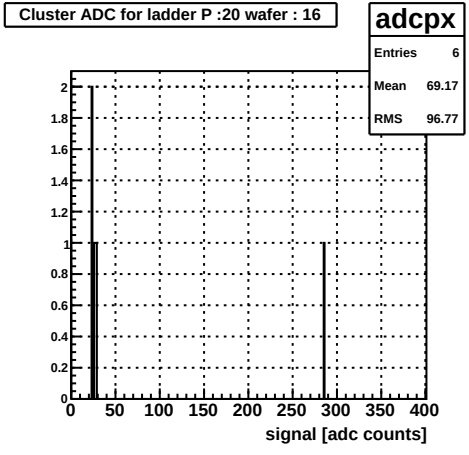

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 79
Mean 34.78
RMS 47.89
signal [adc counts]

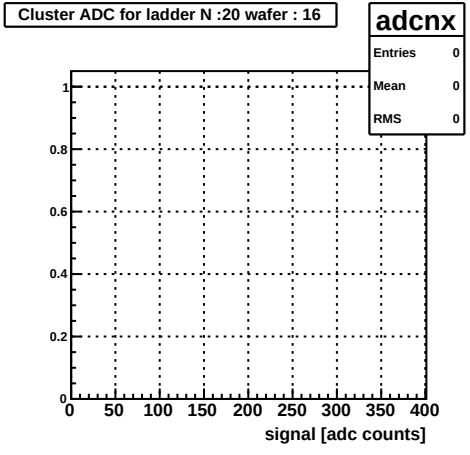

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 11
Mean 47.2
RMS 23.65
signal [adc counts]

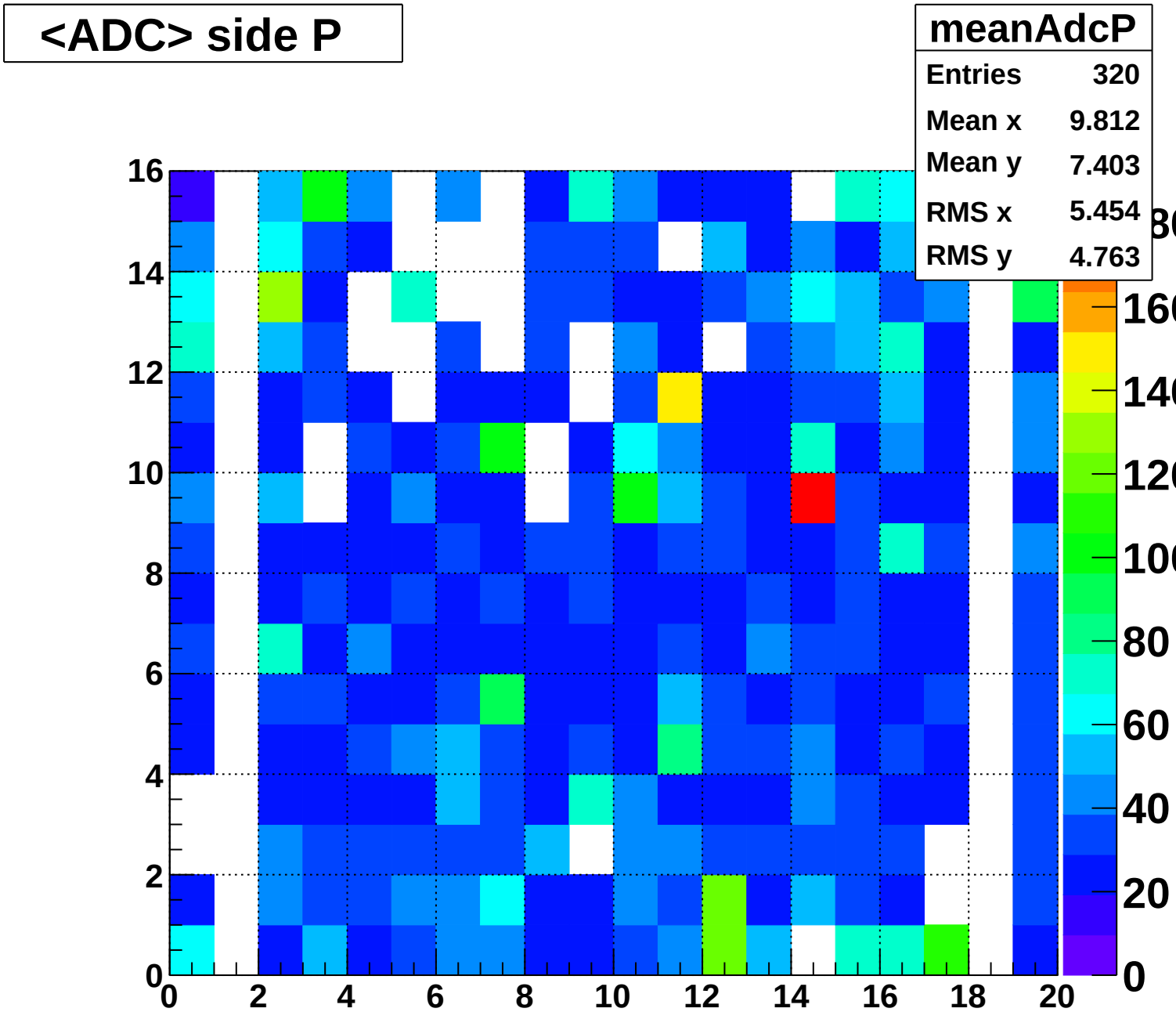

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 6
Mean 1
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 0
Mean 0
RMS 0
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 6
Mean 69.17
RMS 96.77
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]



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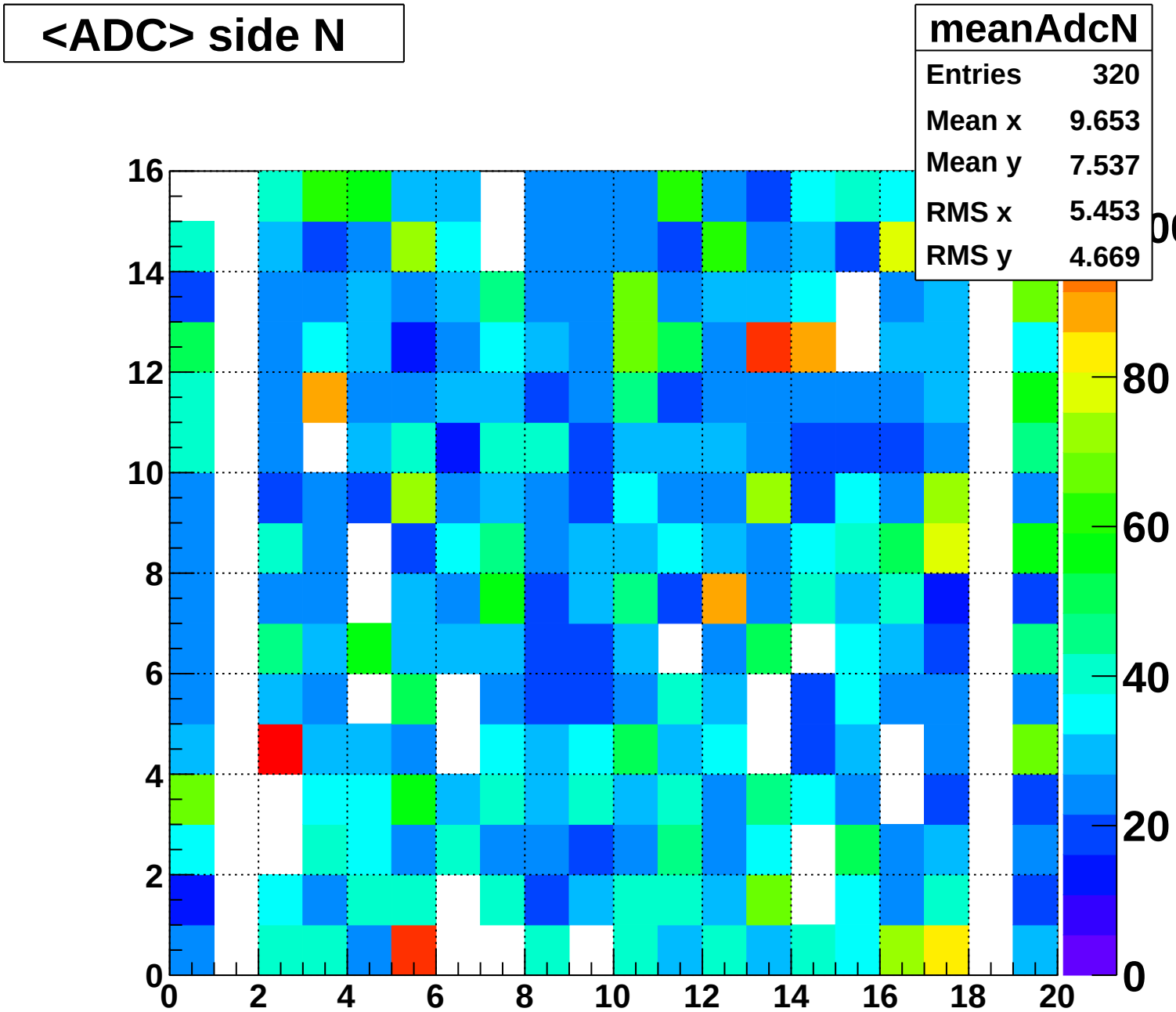

2016-05-26 03:03:44